

segment nr	NAIN lokal	NAIN global	NACH global	NACH lokal
1	2.67176	0.73522	0.73522	0.8018
2	2.66954	0.85292	0.85292	0.94861
3	2.62779	0.41783	0.41783	0.53613
4	2.62105	0.81763	0.81763	0.78363
5	2.61668	0.88463	0.88463	0.86811
6	2.61397	0.76845	0.76845	0.84996
7	2.71276	0.74546	0.74546	0.69317
8	2.70837	0.84286	0.84286	0.85804
9	2.69694	0.83193	0.83193	0.90412
10	2.70171	0.78232	0.78232	0.8583
11	2.71377	0.44446	0.44446	0.49305
12	2.77318	0.5781	0.5781	0.81576
13	2.76893	0.79967	0.79967	1.0004
14	2.76386	0.85147	0.85147	1.06652
15	2.75332	0.87854	0.87854	1.08914
16	2.75842	0.88569	0.88569	0.85591
17	2.74673	0.99746	0.99746	1.0166
18	2.74224	1.04984	1.04984	1.08037
19	2.72861	1.06812	1.06812	1.10311
20	2.72542	1.08371	1.08371	1.12312
21	2.61987	0.38646	0.38646	0.39069
22	2.62142	0.68242	0.68242	0.7257
23	2.74079	0.83541	0.83541	0.84087
24	2.73006	0.90065	0.90065	0.9257
25	2.71455	0.92841	0.92841	0.96385
26	2.70556	0.86306	0.86306	0.94644
27	2.71675	0.82903	0.82903	0.87207
28	2.71428	0.77331	0.77331	0.76541
29	2.79569	1.0002	1.0002	1.12832
30	2.78913	1.0082	1.0082	1.12279
31	2.78472	1.01607	1.01607	1.12511
32	2.77152	1.02267	1.02267	1.12113
33	2.76569	1.02851	1.02851	1.11404
34	2.74363	0.77384	0.77384	0.77151
35	2.73157	0.82868	0.82868	0.85884
36	2.72537	0.93117	0.93117	0.9978
37	2.71701	0.79055	0.79055	0.94394
38	2.72264	0.47919	0.47919	0.68109
39	2.73418	0.40711	0.40711	0.56359
40	2.73064	0.77594	0.77594	0.80749

41	2.71867	0.77861	0.77861	0.85131
42	2.73371	0.53708	0.53708	0.75416
43	2.62839	0	0	0
44	2.62192	0.83196	0.83196	0.83275
45	2.62618	0.36543	0.36543	0.51498
46	2.61991	0.20004	0.20004	0.30378
47	2.90009	1.05709	1.05709	1.20726
48	2.91467	1.03949	1.03949	1.13581
49	2.91713	1.10837	1.10837	1.28664
50	2.91449	1.07407	1.07407	1.23168
51	2.91794	1.06242	1.06242	1.2125
52	2.80474	0.90577	0.90577	0.86259
53	2.91986	1.1019	1.1019	1.28333
54	2.92483	1.10513	1.10513	1.28594
55	2.93913	1.08719	1.08719	1.28129
56	2.94269	1.08449	1.08449	1.28774
57	2.9569	1.03038	1.03038	1.28822
58	2.82427	0	0	0
59	2.81539	0.86901	0.86901	0.90343
60	2.764	0.71372	0.71372	0.89739
61	2.82283	1.02701	1.02701	1.09899
62	2.82997	1.02273	1.02273	1.13601
63	2.83214	0.97523	0.97523	1.06844
64	2.88109	0.81773	0.81773	1.06777
65	2.88031	0.84939	0.84939	1.05152
66	2.88249	0.82588	0.82588	1.04963
67	3.01917	0.88844	0.88844	1.13074
68	3.03637	1.00491	1.00491	1.28799
69	3.04006	1.01094	1.01094	1.29187
70	3.04221	0.96508	0.96508	1.14956
71	3.04192	0.94492	0.94492	1.12359
72	2.81897	0.8756	0.8756	0.85703
73	2.99628	0.98349	0.98349	1.12797
74	3.00189	1.00521	1.00521	1.15031
75	2.90553	0.83142	0.83142	0.90205
76	2.91891	0.9119	0.9119	0.98798
77	2.8964	0.93266	0.93266	1.03868
78	2.8594	0.91161	0.91161	1.01439
79	2.83314	0.74109	0.74109	0.95769
80	2.89228	0.68114	0.68114	0.90123
81	2.79051	0.78918	0.78918	0.86549

82	2.79293	0.8041	0.8041	0.84097
83	2.79044	0.82089	0.82089	0.84661
84	3.01708	1.01074	1.01074	1.16528
85	3.00741	1.0276	1.0276	1.16407
86	2.80837	0.85092	0.85092	0.87453
87	3.12051	1.04057	1.04057	1.18244
88	3.11181	1.06843	1.06843	1.20619
89	3.10888	1.08282	1.08282	1.22088
90	3.12267	1.14351	1.14351	1.2704
91	3.13647	1.16119	1.16119	1.29433
92	3.11236	1.16421	1.16421	1.28892
93	3.11093	1.22049	1.22049	1.30219
94	3.08778	1.26631	1.26631	1.29815
95	3.06391	1.26604	1.26604	1.26489
96	3.06759	1.26778	1.26778	1.29289
97	3.07056	1.26782	1.26782	1.29824
98	3.07925	1.26572	1.26572	1.29379
99	3.0439	1.26581	1.26581	1.2853
100	3.01972	0.90619	0.90619	0.94268
101	2.96354	0.95244	0.95244	1.02521
102	2.9251	0.91841	0.91841	0.96916
103	2.93527	0.89643	0.89643	0.94185
104	2.92678	0.43929	0.43929	0.35704
105	2.89243	0.86487	0.86487	0.9024
106	2.90484	0.81799	0.81799	0.86108
107	2.95092	0.75009	0.75009	0.65215
108	3.00526	0.81981	0.81981	0.826
109	2.97925	0.86142	0.86142	0.89285
110	2.99024	1.06445	1.06445	1.04418
111	2.98375	1.06631	1.06631	1.02978
112	2.90084	0.87869	0.87869	0.83889
113	2.93572	1.0752	1.0752	1.03851
114	2.89638	0.42928	0.42928	0.54412
115	2.90184	0.79474	0.79474	0.83012
116	2.9017	0.87365	0.87365	0.93778
117	2.8984	0.85112	0.85112	0.85637
118	2.88618	0.84261	0.84261	0.87366
119	2.88448	0.8981	0.8981	0.96803
120	2.73654	0.57968	0.57968	0.77689
121	2.72572	0	0	0
122	3.00623	1.05284	1.05284	1.15357

123	3.02847	1.03624	1.03624	1.15321
124	3.04776	1.03658	1.03658	1.14852
125	3.08051	1.03527	1.03527	1.13767
126	3.09151	1.04169	1.04169	1.11996
127	3.08504	1.05326	1.05326	1.12358
128	3.00991	1.11203	1.11203	1.15994
129	3.05792	1.06953	1.06953	1.13959
130	3.08572	1.06596	1.06596	1.11096
131	3.1068	0.89476	0.89476	1.0318
132	3.11413	0.86352	0.86352	0.9728
133	3.1104	0.83175	0.83175	0.93595
134	3.12065	0.77528	0.77528	0.82425
135	2.91358	0.36138	0.36138	0.45446
136	2.58829	0	0	0
137	2.75272	0.95844	0.95844	1.0367
138	2.72825	0.94021	0.94021	1.01028
139	2.66696	0.91559	0.91559	0.96846
140	2.62097	0.88208	0.88208	0.91536
141	2.59983	0.82517	0.82517	0.83265
142	2.55319	0	0	0
143	2.5822	0.82683	0.82683	0.83136
144	2.71608	0.88589	0.88589	0.92952
145	2.76241	0.91905	0.91905	0.97953
146	2.94077	0.85292	0.85292	0.89707
147	2.93066	0.87343	0.87343	0.91909
148	2.93134	0.88569	0.88569	0.91339
149	2.89123	0.83887	0.83887	0.8704
150	2.90889	0.82453	0.82453	0.8948
151	2.91352	0.85792	0.85792	0.91503
152	2.92945	0.85233	0.85233	0.8523
153	2.92947	0.85161	0.85161	0.94284
154	2.9568	1.08598	1.08598	1.25068
155	2.93786	1.08777	1.08777	1.24867
156	2.89254	1.09454	1.09454	1.23423
157	2.93662	1.09874	1.09874	1.23664
158	3.02393	1.09938	1.09938	1.21647
159	2.99583	1.10051	1.10051	1.20244
160	3.01829	1.0976	1.0976	1.18084
161	3.02088	1.10114	1.10114	1.18557
162	3.03194	1.10428	1.10428	1.17927
163	3.01772	1.10548	1.10548	1.1547

164	2.87163	0.45814	0.45814	0.56396
165	2.99178	1.10972	1.10972	1.1531
166	2.8563	0.43171	0.43171	0.39934
167	2.87268	0.86815	0.86815	1.07111
168	2.90205	0.91435	0.91435	1.09996
169	2.90867	0.91705	0.91705	1.06505
170	2.93745	0.92207	0.92207	1.07089
171	3.083	0.99132	0.99132	1.25665
172	3.09534	1.02698	1.02698	1.27849
173	3.0825	1.04565	1.04565	1.28337
174	3.05709	1.06011	1.06011	1.29446
175	3.05005	1.11405	1.11405	1.30113
176	3.05395	1.11568	1.11568	1.30164
177	3.04624	1.11586	1.11586	1.30111
178	3.03548	1.11681	1.11681	1.29915
179	2.84492	0.39472	0.39472	0.51474
180	2.93047	0	0	0
181	3.03336	1.11821	1.11821	1.29991
182	3.01662	1.11997	1.11997	1.29805
183	3.00624	1.15813	1.15813	1.27495
184	3.00931	1.15632	1.15632	1.27421
185	2.99653	1.1502	1.1502	1.26363
186	2.96586	1.14347	1.14347	1.24752
187	2.95258	1.05557	1.05557	1.16939
188	2.96577	0.95661	0.95661	1.11453
189	2.92837	0.97311	0.97311	1.12346
190	2.88878	0.99335	0.99335	1.14468
191	2.93173	0.99935	0.99935	1.1471
192	2.96837	1.00637	1.00637	1.16581
193	3.01548	1.01104	1.01104	1.21135
194	3.05219	1.01464	1.01464	1.1969
195	3.0531	1.02031	1.02031	1.19472
196	3.04337	1.02585	1.02585	1.19248
197	3.03512	1.04752	1.04752	1.15983
198	2.91775	0	0	0
199	3.04478	0.83764	0.83764	0.88737
200	3.0357	0.9258	0.9258	1.15566
201	2.95122	0.90279	0.90279	0.99127
202	2.78366	0.97274	0.97274	1.08074
203	2.77992	1.02585	1.02585	1.14795
204	2.78311	0.77308	0.77308	0.86502

205	2.94644	1.04145	1.04145	1.18839
206	2.92783	1.04927	1.04927	1.19226
207	2.91373	0.85482	0.85482	1.10837
208	2.91385	0.83218	0.83218	1.10877
209	3.01306	1.06057	1.06057	1.19293
210	3.05674	1.06735	1.06735	1.22534
211	3.03362	1.07142	1.07142	1.23465
212	3.03023	1.09529	1.09529	1.2365
213	3.03057	1.10052	1.10052	1.23995
214	3.1278	1.11178	1.11178	1.26053
215	3.10766	1.12072	1.12072	1.25914
216	3.00079	0.98794	0.98794	1.18057
217	2.92043	1.04315	1.04315	0.9849
218	2.99858	1.07257	1.07257	1.19799
219	2.98863	1.07017	1.07017	1.19571
220	2.97617	1.06404	1.06404	1.16893
221	2.87187	0.54429	0.54429	0.64835
222	2.85872	0.73936	0.73936	0.80506
223	3.0328	1.1351	1.1351	1.23472
224	3.00381	1.15054	1.15054	1.23094
225	3.06716	1.16921	1.16921	1.22583
226	3.06521	1.1694	1.1694	1.22816
227	3.05354	1.1736	1.1736	1.22537
228	3.03559	1.17573	1.17573	1.21943
229	3.03541	1.17793	1.17793	1.21592
230	3.03831	1.23363	1.23363	1.21726
231	3.06833	1.23531	1.23531	1.21595
232	3.0455	1.23615	1.23615	1.2084
233	3.0603	1.2319	1.2319	1.18842
234	3.17013	1.26524	1.26524	1.25168
235	3.16869	1.25192	1.25192	1.25669
236	3.15027	1.24494	1.24494	1.21727
237	3.09233	1.24389	1.24389	1.22403
238	3.07261	1.23306	1.23306	1.19168
239	2.99567	1.05083	1.05083	1.1058
240	3.14847	1.26616	1.26616	1.25172
241	3.10998	1.00216	1.00216	1.14101
242	3.10857	1.25409	1.25409	1.20204
243	3.10555	1.26692	1.26692	1.23993
244	3.17411	0.9355	0.9355	1.03795
245	3.17397	0.97924	0.97924	1.11955

246	3.17265	1.00776	1.00776	1.15614
247	3.15716	0.94104	0.94104	1.04349
248	3.13686	0.94712	0.94712	1.03972
249	3.23385	1.32185	1.32185	1.27166
250	3.08182	0.98393	0.98393	1.08225
251	3.01255	0.99497	0.99497	1.14347
252	2.56102	0	0	0
253	2.59998	0.82916	0.82916	0.83333
254	2.75769	0.88813	0.88813	0.92807
255	2.76238	0.96048	0.96048	1.04029
256	2.92846	0.98032	0.98032	1.08364
257	2.69977	0.83232	0.83232	0.83449
258	2.61732	0	0	0
259	2.49258	0	0	0
260	2.50503	0.82257	0.82257	0.80024
261	2.57683	0.87911	0.87911	0.89221
262	2.6816	0.93677	0.93677	1.06253
263	2.67425	0.91453	0.91453	0.95327
264	2.66339	0.92358	0.92358	1.05228
265	2.63411	0.9081	0.9081	1.03937
266	2.6229	0.88902	0.88902	1.04513
267	2.60371	0.8649	0.8649	1.04325
268	2.60597	0.84887	0.84887	1.00574
269	2.60618	0.85344	0.85344	1.04452
270	2.61299	1.00148	1.00148	1.01092
271	2.63771	1.0195	1.0195	1.10745
272	2.55952	0.82355	0.82355	0.81526
273	2.71454	1.10458	1.10458	1.22056
274	2.76218	1.12147	1.12147	1.2255
275	2.69196	1.03136	1.03136	1.11895
276	2.71113	1.14538	1.14538	1.1535
277	2.73962	1.15166	1.15166	1.16253
278	2.73223	1.15469	1.15469	1.14681
279	2.72138	1.14611	1.14611	1.09963
280	2.67039	0.95248	0.95248	1.05795
281	2.68996	0.94392	0.94392	1.0304
282	2.68718	0.56264	0.56264	0.80456
283	2.68273	0.93411	0.93411	1.04039
284	2.67819	0.9771	0.9771	1.02768
285	2.67615	0.98551	0.98551	1.04693
286	2.60979	0.93392	0.93392	1.0353

287	2.58224	0	0	0
288	2.57132	0.90994	0.90994	0.93712
289	2.58585	0.92524	0.92524	1.02474
290	2.54147	0.96434	0.96434	0.9999
291	2.53961	0.95007	0.95007	0.99324
292	2.53787	0.93358	0.93358	0.98925
293	2.53851	0.89864	0.89864	0.98566
294	2.47455	0	0	0
295	2.55176	0.87791	0.87791	0.88756
296	2.5395	0.82386	0.82386	0.81234
297	2.51753	0	0	0
298	2.6134	0.91861	0.91861	0.95455
299	2.54587	0.88335	0.88335	0.90006
300	2.51513	0.82567	0.82567	0.81722
301	2.50457	0	0	0
302	2.50549	0.82119	0.82119	0.81845
303	2.51108	0.88964	0.88964	0.92708
304	2.5324	0.91624	0.91624	0.9686
305	2.5446	0.90653	0.90653	0.94671
306	2.54564	0.98602	0.98602	1.06375
307	2.579	0.99601	0.99601	1.07653
308	2.47044	0.81888	0.81888	0.80856
309	2.47392	0.36326	0.36326	0.49759
310	2.43155	0	0	0
311	2.45074	0	0	0
312	2.47583	0	0	0
313	2.49037	0.81934	0.81934	0.81705
314	2.50378	0.87322	0.87322	0.89506
315	2.49956	0.43618	0.43618	0.59128
316	2.52587	0.81302	0.81302	0.84348
317	2.52698	0.76305	0.76305	0.81166
318	2.5037	0.56549	0.56549	0.74263
319	2.4797	0.5568	0.5568	0.7388
320	2.61528	0.99069	0.99069	1.06108
321	2.61585	0	0	0
322	2.82168	0.49631	0.49631	0.73769
323	2.76247	0.92627	0.92627	1.07501
324	2.71897	0.81805	0.81805	0.97157
325	2.69787	0.90502	0.90502	1.06039
326	2.65048	0.90409	0.90409	1.03643
327	2.81503	1.03396	1.03396	1.20639

328	2.82681	1.0294	1.0294	1.18353
329	2.82316	0.99996	0.99996	1.19946
330	2.82335	1.06567	1.06567	1.24083
331	2.81294	1.05337	1.05337	1.22878
332	2.81672	1.05657	1.05657	1.22996
333	2.82594	1.05815	1.05815	1.23262
334	2.81808	1.03448	1.03448	1.17246
335	2.78824	0.79715	0.79715	0.73234
336	2.80427	0.84211	0.84211	0.87927
337	2.78165	0.87272	0.87272	0.9142
338	2.8053	0.87599	0.87599	0.90179
339	2.73321	0.58738	0.58738	0.64086
340	2.74526	0.75086	0.75086	0.74051
341	2.96218	0.81839	0.81839	1.12723
342	2.99129	0.91825	0.91825	1.16092
343	2.96949	0.94856	0.94856	1.1657
344	3.03316	0.97128	0.97128	1.21423
345	3.01321	1.00424	1.00424	1.23296
346	3.00351	1.04103	1.04103	1.22029
347	3.01021	1.04382	1.04382	1.22043
348	3.00138	1.04109	1.04109	1.21615
349	3.1073	1.0473	1.0473	1.23682
350	2.96404	0.96394	0.96394	1.14406
351	2.94113	0.93022	0.93022	1.1318
352	2.8327	0.48397	0.48397	0.6499
353	2.80361	0.77991	0.77991	0.83709
354	2.81257	0.83373	0.83373	0.90354
355	2.84732	0.86699	0.86699	0.92197
356	2.78025	0.5693	0.5693	0.6727
357	2.75073	0.42228	0.42228	0.46172
358	3.04411	1.10468	1.10468	1.22591
359	3.01992	1.11584	1.11584	1.24329
360	3.01763	1.11909	1.11909	1.22948
361	3.05834	1.12471	1.12471	1.23814
362	3.02716	1.13256	1.13256	1.23115
363	3.0479	1.08067	1.08067	1.2593
364	3.05637	1.0856	1.0856	1.26408
365	3.05382	1.09044	1.09044	1.26562
366	3.0467	1.09771	1.09771	1.26736
367	3.03654	1.10546	1.10546	1.26301
368	2.86903	0.86911	0.86911	1.09806

369	3.00378	0.92242	0.92242	1.03389
370	2.98328	0.94935	0.94935	1.16007
371	2.9634	0.94824	0.94824	1.15743
372	2.97738	0.90762	0.90762	1.14794
373	2.92715	0.64525	0.64525	0.80573
374	2.8941	0.86469	0.86469	0.91029
375	2.8897	0.91134	0.91134	0.98935
376	2.88187	0.91521	0.91521	0.96576
377	2.87064	0.83653	0.83653	0.94308
378	2.86108	0.34125	0.34125	0.28014
379	2.7928	0.80084	0.80084	0.74571
380	2.78575	0.70311	0.70311	0.76851
381	2.90329	0.87011	0.87011	0.90033
382	2.88286	0.90178	0.90178	0.96349
383	2.87549	0.91006	0.91006	0.95697
384	2.87978	0.90595	0.90595	0.94964
385	2.8678	0.80636	0.80636	0.92362
386	2.85553	0.31775	0.31775	0.4011
387	2.99169	1.0296	1.0296	1.14151
388	2.88698	0.94392	0.94392	1.16181
389	2.78447	0.9256	0.9256	1.1271
390	2.79169	0.72427	0.72427	0.995
391	2.90565	1.00249	1.00249	1.11228
392	2.89615	1.01841	1.01841	1.13324
393	2.91739	0.62048	0.62048	0.90987
394	2.90255	1.03134	1.03134	1.19245
395	2.89752	1.06754	1.06754	1.23006
396	2.89896	0	0	0
397	2.77731	0.79999	0.79999	0.85201
398	2.77574	0.89775	0.89775	0.96332
399	2.77284	0.94318	0.94318	1.06104
400	2.78013	0.96761	0.96761	1.06818
401	2.75268	0.87149	0.87149	1.0892
402	2.69987	0.86423	0.86423	1.07861
403	2.71898	0.9338	0.9338	1.03557
404	2.72053	0.93283	0.93283	1.03751
405	2.69948	0.81825	0.81825	0.94152
406	2.70337	0.74849	0.74849	0.88959
407	2.72642	0.99535	0.99535	1.17802
408	2.69271	0.9636	0.9636	1.09805
409	2.73326	1.08363	1.08363	1.20492

410	2.74868	1.09952	1.09952	1.22338
411	2.74041	1.0971	1.0971	1.22146
412	2.73027	1.08471	1.08471	1.20469
413	2.6254	0	0	0
414	2.60801	0.93342	0.93342	0.98826
415	2.5815	0.84373	0.84373	0.89789
416	2.63368	0.8857	0.8857	0.97619
417	2.60757	0.91899	0.91899	1.0076
418	2.60948	0.94574	0.94574	1.06172
419	2.61896	0.95518	0.95518	1.06807
420	2.56769	0.90924	0.90924	0.94881
421	2.53836	0.87638	0.87638	0.89929
422	2.5041	0.82093	0.82093	0.80662
423	2.46468	0	0	0
424	2.8777	0.8213	0.8213	0.89531
425	2.69066	0.79639	0.79639	0.88726
426	2.95326	0.82446	0.82446	0.96224
427	2.93375	1.00351	1.00351	1.20091
428	2.92053	0.99073	0.99073	1.19741
429	2.91718	0.98379	0.98379	1.2001
430	2.90635	0.96604	0.96604	1.20304
431	2.84263	0.95748	0.95748	0.93957
432	2.84338	0.94019	0.94019	0.95227
433	2.83329	0.91866	0.91866	0.804
434	2.75141	1.00566	1.00566	0.96426
435	2.78166	0.99641	0.99641	0.97023
436	2.82025	0.83109	0.83109	0.71458
437	2.89006	1.09474	1.09474	1.1236
438	2.90062	1.05333	1.05333	1.05955
439	2.69753	0.87462	0.87462	0.81405
440	2.75135	1.03509	1.03509	1.06639
441	2.77383	1.03653	1.03653	1.04203
442	2.78204	0.49649	0.49649	0.70521
443	2.86242	0.84332	0.84332	0.84792
444	2.88963	0.88816	0.88816	0.97087
445	2.88751	0.92146	0.92146	0.99101
446	2.95527	0.93025	0.93025	0.99801
447	2.86928	0.94333	0.94333	0.97442
448	2.87456	0.61422	0.61422	0.72728
449	2.85544	0.79226	0.79226	0.59258
450	2.87521	0.85565	0.85565	0.86495

451	2.88366	0.77656	0.77656	0.74339
452	2.83501	0.65227	0.65227	0.64013
453	2.81806	0	0	0.20105
454	2.80918	0.49296	0.49296	0.50312
455	2.77888	0.55415	0.55415	0.56914
456	2.80124	0.56647	0.56647	0.7625
457	3.00863	0.83453	0.83453	0.87933
458	2.81013	0.44034	0.44034	0.34441
459	2.82198	0.77065	0.77065	0.77058
460	2.88002	1.10225	1.10225	1.22671
461	2.95611	1.16293	1.16293	1.2756
462	2.98442	1.16437	1.16437	1.28056
463	2.99314	1.16614	1.16614	1.28299
464	3.04632	1.16687	1.16687	1.29324
465	2.95166	1.16765	1.16765	1.27278
466	2.97589	1.1684	1.1684	1.27384
467	2.95382	1.25174	1.25174	1.19494
468	2.93354	1.05091	1.05091	1.18738
469	3.00848	1.25071	1.25071	1.2906
470	3.00091	1.25109	1.25109	1.28826
471	2.99817	1.2572	1.2572	1.27308
472	2.80941	1.1053	1.1053	1.22511
473	2.79522	1.10796	1.10796	1.24335
474	2.79312	1.10026	1.10026	1.23935
475	2.81268	1.06192	1.06192	1.21117
476	2.82262	0.91334	0.91334	1.01728
477	2.81562	0.89178	0.89178	1.01057
478	2.79725	0.78333	0.78333	0.97248
479	2.82144	0.79679	0.79679	0.97277
480	2.76451	0.88144	0.88144	0.85176
481	2.78704	0.77371	0.77371	0.88113
482	2.95284	1.05553	1.05553	1.22283
483	2.96337	1.0591	1.0591	1.22736
484	2.95716	1.06738	1.06738	1.21059
485	2.936	0.946	0.946	1.00448
486	2.90752	0.9174	0.9174	1.12023
487	2.93811	1.06051	1.06051	1.22316
488	2.89022	1.05756	1.05756	1.20923
489	2.82758	0.69056	0.69056	0.73721
490	2.68976	0.61648	0.61648	0.73018
491	2.67703	0.79463	0.79463	0.91687

492	2.68734	0.86128	0.86128	0.93075
493	2.69105	0.8941	0.8941	0.96047
494	2.70424	0.91921	0.91921	0.9866
495	2.72923	0.93853	0.93853	1.00731
496	2.73028	0.95492	0.95492	1.0164
497	2.72398	0.96885	0.96885	1.02493
498	2.76902	0.31126	0.31126	0.49153
499	2.69125	0.82319	0.82319	0.85658
500	2.69547	0.47375	0.47375	0.59641
501	2.66875	0.60297	0.60297	0.79161
502	2.76963	0.97302	0.97302	1.03982
503	2.76134	0.92453	0.92453	0.98282
504	2.76883	0.8804	0.8804	0.91279
505	2.72874	0.72181	0.72181	0.82807
506	2.75992	0.76551	0.76551	0.85323
507	2.66941	0.57603	0.57603	0.76453
508	2.65306	0.64954	0.64954	0.77049
509	2.65871	0.78412	0.78412	0.8053
510	2.7615	0.87245	0.87245	1.03525
511	2.78383	0.9773	0.9773	1.06584
512	2.82266	0.99962	0.99962	1.07049
513	2.81788	1.00672	1.00672	1.0495
514	2.84906	0.94385	0.94385	1.04891
515	2.84276	1.04771	1.04771	1.13526
516	2.83241	1.05482	1.05482	1.131
517	2.8336	1.06202	1.06202	1.14202
518	2.74248	0.36858	0.36858	0.5424
519	2.8883	1.06763	1.06763	1.16002
520	2.87425	1.08918	1.08918	1.16076
521	2.87455	1.08932	1.08932	1.13479
522	2.87108	0.80387	0.80387	0.80646
523	2.8929	1.0964	1.0964	1.15732
524	2.92475	1.2526	1.2526	1.28199
525	2.89244	0.8916	0.8916	1.07153
526	2.70894	0.92483	0.92483	0.89963
527	2.80373	1.08305	1.08305	1.24896
528	2.80053	1.074	1.074	1.2447
529	2.75172	0.66473	0.66473	0.8341
530	2.78896	1.0833	1.0833	1.25963
531	2.80651	1.0756	1.0756	1.24304
532	2.66905	0.55596	0.55596	0.58618

533	2.67916	0.82068	0.82068	0.76013
534	2.68134	0.87348	0.87348	0.83046
535	2.75481	0.64373	0.64373	0.90289
536	2.74939	0.78124	0.78124	0.91553
537	2.748	0.51758	0.51758	0.71349
538	2.73734	0.76643	0.76643	0.74199
539	2.73415	0.99573	0.99573	1.10823
540	2.74009	0.99903	0.99903	1.07516
541	2.7392	1.00458	1.00458	1.07996
542	2.6236	0.61107	0.61107	0.62918
543	2.64306	0.82004	0.82004	0.78762
544	2.88691	1.24033	1.24033	1.24808
545	2.87395	1.23973	1.23973	1.25238
546	2.7632	0.4082	0.4082	0.42698
547	2.8631	1.23915	1.23915	1.27008
548	2.86346	1.24017	1.24017	1.26387
549	2.87083	1.23952	1.23952	1.25842
550	2.77059	1.24485	1.24485	1.31506
551	2.77244	1.24612	1.24612	1.32887
552	2.77314	1.23657	1.23657	1.267
553	2.843	1.23985	1.23985	1.28489
554	2.85379	1.23828	1.23828	1.26766
555	2.76913	1.23472	1.23472	1.28742
556	2.78454	1.24315	1.24315	1.35573
557	2.78334	1.24616	1.24616	1.34
558	2.76841	1.2451	1.2451	1.32718
559	2.76555	1.2451	1.2451	1.31688
560	2.67655	0.65076	0.65076	0.85014
561	2.65557	0.94859	0.94859	0.96962
562	2.65682	0.92679	0.92679	0.93284
563	2.60982	0.47224	0.47224	0.54475
564	2.61052	0.85156	0.85156	0.86183
565	2.60174	0.89198	0.89198	0.90927
566	2.70968	1.08307	1.08307	1.27018
567	2.71733	1.07009	1.07009	1.274
568	2.69607	1.0651	1.0651	1.25467
569	2.6899	1.05007	1.05007	1.26046
570	2.69342	1.06204	1.06204	1.25483
571	2.70055	1.05565	1.05565	1.18373
572	2.65736	1.0471	1.0471	1.1789
573	2.69144	1.0528	1.0528	1.18571

574	2.58211	0.90112	0.90112	0.90049
575	2.62351	1.04343	1.04343	1.17576
576	2.6261	1.0452	1.0452	1.17595
577	2.52278	0.53143	0.53143	0.80744
578	2.53284	0.4983	0.4983	0.78509
579	2.56318	0.76949	0.76949	0.87259
580	2.54762	0	0	0
581	2.56293	0.834	0.834	0.82922
582	2.5559	0.76556	0.76556	0.82413
583	2.63156	0.9505	0.9505	1.00483
584	2.61519	0.91905	0.91905	0.95513
585	2.7359	1.00203	1.00203	1.09009
586	2.74812	0.99281	0.99281	1.08741
587	2.64314	0.83813	0.83813	0.84709
588	2.79492	0.77749	0.77749	0.86671
589	2.77019	0.57282	0.57282	0.81341
590	2.76123	1.01203	1.01203	1.10143
591	2.70663	0.8376	0.8376	0.86368
592	2.61764	0	0	0
593	2.59869	0.21672	0.21672	0.43708
594	2.63995	0	0	0
595	2.22963	0.95985	0.95985	1.02733
596	2.222	0.96516	0.96516	0.99801
597	2.22152	0.97161	0.97161	0.97482
598	2.22779	0.97779	0.97779	0.98902
599	2.23616	0.80247	0.80247	0.90945
600	2.24358	0.98386	0.98386	1.01313
601	2.22936	1.08973	1.08973	1.02725
602	2.24223	0.98298	0.98298	0.9527
603	2.2131	1.09182	1.09182	0.9961
604	2.21599	1.09502	1.09502	0.99904
605	2.21974	1.09825	1.09825	1.00253
606	2.21705	1.10106	1.10106	0.99499
607	2.21204	1.10244	1.10244	0.98894
608	2.22078	1.10647	1.10647	0.99437
609	2.22776	1.10908	1.10908	1.00193
610	2.22812	1.11073	1.11073	1.0012
611	2.23981	1.11457	1.11457	1.01055
612	2.2494	1.11804	1.11804	1.01896
613	2.25517	1.12022	1.12022	1.02874
614	2.25533	1.12188	1.12188	1.03056

615	2.25443	1.12346	1.12346	1.02658
616	2.25416	1.12587	1.12587	1.02245
617	2.30932	1.13154	1.13154	1.06023
618	2.31832	1.1337	1.1337	1.06801
619	2.33397	1.13732	1.13732	1.07794
620	2.35574	1.17777	1.17777	1.13086
621	2.35555	1.14144	1.14144	1.08915
622	2.37768	0.96771	0.96771	1.02482
623	2.37671	1.18714	1.18714	1.14922
624	2.38936	1.19003	1.19003	1.14955
625	2.38931	1.18876	1.18876	1.13011
626	2.46282	1.19719	1.19719	1.16829
627	2.44985	1.19325	1.19325	1.15984
628	2.47661	1.20089	1.20089	1.17055
629	2.49108	1.20335	1.20335	1.17323
630	2.4976	0.4183	0.4183	0.50128
631	2.49657	0.94966	0.94966	1.15543
632	2.49867	1.2047	1.2047	1.17182
633	2.46057	1.20677	1.20677	0.94164
634	2.52814	1.23459	1.23459	1.12587
635	2.53542	1.23755	1.23755	1.13391
636	2.46285	1.24189	1.24189	1.1033
637	2.43598	1.24656	1.24656	1.08485
638	2.4474	1.24711	1.24711	1.07969
639	2.44857	1.24824	1.24824	1.07515
640	2.45918	1.24879	1.24879	1.07765
641	2.50357	1.24749	1.24749	1.09211
642	2.5048	1.24558	1.24558	1.09935
643	2.52018	1.24815	1.24815	1.10767
644	2.52629	1.24961	1.24961	1.10987
645	2.53749	1.25205	1.25205	1.11435
646	2.57486	1.25214	1.25214	1.12398
647	2.61184	0.4634	0.4634	0.62275
648	2.62213	1.25188	1.25188	1.13742
649	2.62308	1.2522	1.2522	1.11004
650	2.62933	1.12073	1.12073	1.12096
651	2.65347	1.26615	1.26615	1.20852
652	2.59643	1.17278	1.17278	1.18268
653	2.94862	1.25106	1.25106	1.19348
654	2.97364	1.25177	1.25177	1.19697
655	2.97283	1.252	1.252	1.19554

656	3.0368	1.25548	1.25548	1.22982
657	3.09086	1.25769	1.25769	1.2653
658	3.04276	1.2579	1.2579	1.25771
659	2.89877	1.25472	1.25472	1.23101
660	2.83985	1.25583	1.25583	1.22263
661	2.75722	1.18109	1.18109	1.1992
662	2.53159	1.08072	1.08072	1.18298
663	2.53297	1.08696	1.08696	1.21743
664	2.54086	1.13403	1.13403	1.23685
665	2.53095	0.63629	0.63629	0.70703
666	2.53683	1.1358	1.1358	1.23715
667	2.53749	1.12991	1.12991	1.14973
668	2.53111	0.97058	0.97058	1.06494
669	2.53025	0.96481	0.96481	1.065
670	2.52821	0.95884	0.95884	1.06306
671	2.45249	0.95018	0.95018	1.02758
672	2.44256	0.94297	0.94297	1.0133
673	2.38625	0.92991	0.92991	0.98674
674	2.36862	0.92029	0.92029	0.97095
675	2.32638	0.90689	0.90689	0.94628
676	2.31795	0.89567	0.89567	0.93207
677	2.29699	0.88221	0.88221	0.90807
678	2.29223	0.86815	0.86815	0.8941
679	2.28621	0.8512	0.8512	0.88157
680	2.28256	0.83052	0.83052	0.86729
681	2.27212	0.80136	0.80136	0.84925
682	2.26022	0.7562	0.7562	0.83245
683	2.25582	0.64716	0.64716	0.81842
684	2.25291	0.63819	0.63819	0.80747
685	2.25145	0.74855	0.74855	0.80199
686	2.24642	0.79666	0.79666	0.81811
687	2.25688	0.82752	0.82752	0.84624
688	2.26246	0.85084	0.85084	0.86546
689	2.31937	0.87075	0.87075	0.91295
690	2.3448	0.8873	0.8873	0.93628
691	2.34413	0.95226	0.95226	1.00418
692	2.28585	0.81224	0.81224	0.75353
693	2.31505	0.8654	0.8654	0.84189
694	2.2865	0	0	0
695	2.28697	0	0	0
696	2.27717	0.80891	0.80891	0.74319

697	2.27611	0.86145	0.86145	0.83525
698	2.27951	0.89182	0.89182	0.85247
699	2.27496	1.0435	1.0435	1.0739
700	2.23875	1.01886	1.01886	1.06174
701	2.22509	1.01195	1.01195	1.0628
702	2.22519	0.91393	0.91393	0.9072
703	2.21551	0.96467	0.96467	0.99029
704	2.21408	0.97237	0.97237	0.98856
705	2.19829	0.95246	0.95246	0.97139
706	2.19332	0.9415	0.9415	0.95392
707	2.1759	0.92666	0.92666	0.92516
708	2.17071	0	0	0
709	2.17127	0.79243	0.79243	0.70462
710	2.16172	0.87208	0.87208	0.83464
711	2.14458	0	0	0
712	2.15146	0.78855	0.78855	0.70068
713	2.15606	0.84067	0.84067	0.7887
714	2.20358	0.33191	0.33191	0.56135
715	2.21968	0.88338	0.88338	0.86696
716	2.21493	0.85225	0.85225	0.81349
717	2.20855	0.79988	0.79988	0.72055
718	2.20578	0	0	0
719	2.25104	1.0649	1.0649	0.98505
720	2.24967	1.06614	1.06614	1.03714
721	2.2886	1.06683	1.06683	1.0779
722	2.31164	1.0663	1.0663	1.09865
723	2.32966	1.06647	1.06647	1.11145
724	2.33831	1.06642	1.06642	1.1187
725	2.33638	1.06154	1.06154	1.13131
726	2.33919	1.06308	1.06308	1.13533
727	2.34296	1.06432	1.06432	1.14097
728	2.33362	0.98676	0.98676	1.18702
729	2.33447	1.0002	1.0002	1.18268
730	2.33425	1.0007	1.0007	1.18271
731	2.31546	1.00311	1.00311	1.16826
732	2.28088	1.00723	1.00723	1.14186
733	2.27465	1.01315	1.01315	1.15831
734	2.28749	1.00528	1.00528	1.1459
735	2.89964	0.7692	0.7692	0.96884
736	3.11634	1.32317	1.32317	1.28174
737	3.09688	0.79555	0.79555	1.0338

738	3.12327	0.80467	0.80467	0.88784
739	2.988	1.24384	1.24384	1.13034
740	2.96697	1.24396	1.24396	1.12397
741	2.98249	1.24699	1.24699	1.14784
742	3.04656	0.82402	0.82402	1.11562
743	2.92828	0.64151	0.64151	0.82951
744	2.95164	0.88158	0.88158	0.77869
745	2.94772	0.69402	0.69402	0.90053
746	2.84768	0.83584	0.83584	0.68393
747	3.0176	0.33504	0.33504	0.47725
748	2.78629	0	0	0
749	3.0125	0.94468	0.94468	0.92555
750	3.02161	0.92044	0.92044	0.84445
751	3.01039	0.85144	0.85144	0.82547
752	2.97495	0.96407	0.96407	0.9111
753	2.95816	0.65409	0.65409	0.86691
754	2.94418	0.86976	0.86976	0.91235
755	2.94571	0.61968	0.61968	0.82044
756	3.0425	0.91437	0.91437	1.0931
757	3.04007	0.93515	0.93515	1.10477
758	2.99019	1.06172	1.06172	1.12946
759	2.98562	0.92435	0.92435	1.07674
760	2.98413	0.91249	0.91249	0.96691
761	2.9334	0.81747	0.81747	0.73083
762	2.89058	0.29788	0.29788	0.49269
763	2.76815	0	0	0
764	2.92139	1.23836	1.23836	1.11543
765	3.01327	1.24459	1.24459	1.23199
766	3.01669	1.24602	1.24602	1.23854
767	3.01249	1.24675	1.24675	1.24293
768	3.00949	1.24445	1.24445	1.22449
769	2.95299	0.91199	0.91199	1.11348
770	2.97456	1.08145	1.08145	1.25371
771	2.96652	1.08801	1.08801	1.25257
772	2.95803	1.10493	1.10493	1.30384
773	2.94639	1.10712	1.10712	1.2962
774	2.91079	0.81056	0.81056	0.9246
775	2.9533	1.11286	1.11286	1.30287
776	2.95962	1.11649	1.11649	1.28664
777	2.97529	1.11279	1.11279	1.25808
778	2.98546	1.11149	1.11149	1.22938

779	2.95645	1.10543	1.10543	1.16022
780	2.80613	0.89007	0.89007	1.10478
781	2.81526	0.92851	0.92851	1.12186
782	2.82536	0.91903	0.91903	1.07856
783	2.78318	0.92101	0.92101	1.06551
784	2.77878	0.95561	0.95561	1.06987
785	2.76715	0.9443	0.9443	1.06601
786	2.89527	1.08455	1.08455	1.28529
787	2.89252	1.09499	1.09499	1.30121
788	2.89115	1.09338	1.09338	1.30424
789	2.87564	1.09192	1.09192	1.30869
790	2.85882	1.08347	1.08347	1.27231
791	2.77952	0.78486	0.78486	1.11033
792	2.79099	0.83111	0.83111	1.12052
793	2.79593	0.86547	0.86547	1.14206
794	2.79142	0.87982	0.87982	1.14097
795	2.64775	0.96094	0.96094	1.07363
796	2.63866	0.96702	0.96702	1.08111
797	2.97929	1.05555	1.05555	1.20505
798	2.94725	1.06226	1.06226	1.22178
799	2.94434	1.06577	1.06577	1.20303
800	2.92605	1.04913	1.04913	1.18929
801	2.91182	1.04451	1.04451	1.19945
802	2.66165	0.69358	0.69358	0.97655
803	2.67669	0.87529	0.87529	1.00479
804	2.65265	0	0	0
805	2.63042	0.87644	0.87644	0.97714
806	2.5942	0.90459	0.90459	0.99328
807	2.62775	0.91729	0.91729	1.00164
808	2.68613	0.93008	0.93008	1.02201
809	2.68934	0.9596	0.9596	1.04818
810	2.72754	0	0	0
811	2.72749	0.94518	0.94518	1.02701
812	2.74537	1.02092	1.02092	1.14158
813	2.67053	1.01333	1.01333	1.02297
814	2.67799	0.78021	0.78021	0.77631
815	2.75303	0.83263	0.83263	0.86296
816	2.71738	0.86416	0.86416	0.89597
817	2.70079	0.94699	0.94699	1.0055
818	3.24999	1.26544	1.26544	1.38026
819	3.22372	1.26884	1.26884	1.36569

820	3.19355	1.27864	1.27864	1.36193
821	3.18937	1.28304	1.28304	1.36642
822	3.00236	1.03899	1.03899	1.19655
823	2.96789	1.03971	1.03971	1.18399
824	3.09345	1.25385	1.25385	1.40451
825	3.15771	1.26439	1.26439	1.42597
826	3.15966	1.26497	1.26497	1.39354
827	3.11245	1.2646	1.2646	1.3661
828	3.24877	1.26461	1.26461	1.38102
829	3.05383	1.02325	1.02325	1.13918
830	3.05224	1.0336	1.0336	1.15139
831	3.12594	1.24771	1.24771	1.42891
832	3.1305	1.24828	1.24828	1.42397
833	3.10797	1.25345	1.25345	1.4126
834	3.01053	1.22956	1.22956	1.37299
835	3.11595	1.23328	1.23328	1.41724
836	3.1074	1.23376	1.23376	1.41123
837	3.10596	1.2361	1.2361	1.41491
838	2.96999	1.14336	1.14336	1.21822
839	2.96375	1.16763	1.16763	1.28659
840	2.95943	1.21401	1.21401	1.34592
841	3.12302	1.2149	1.2149	1.38589
842	3.05697	1.22763	1.22763	1.38851
843	3.03171	1.22869	1.22869	1.38349
844	2.97786	1.1411	1.1411	1.22707
845	2.67436	0.6396	0.6396	0.80589
846	3.14286	1.14128	1.14128	1.28496
847	2.99691	1.11502	1.11502	1.23143
848	3.11486	1.13099	1.13099	1.27877
849	3.07443	1.13992	1.13992	1.28172
850	2.97377	1.09827	1.09827	1.21933
851	2.96317	1.10376	1.10376	1.2205
852	2.97818	1.11124	1.11124	1.23494
853	2.75946	0	0	0
854	2.74843	0	0	0
855	2.98654	1.07454	1.07454	1.18
856	2.97196	1.09461	1.09461	1.21882
857	2.79904	0.94768	0.94768	1.01129
858	2.79843	0.91323	0.91323	0.94518
859	2.83571	1.06614	1.06614	1.15738
860	2.84409	1.06326	1.06326	1.17165

861	2.68925	0.57862	0.57862	0.76319
862	2.6835	0.77492	0.77492	0.75458
863	2.69465	0.53899	0.53899	0.72966
864	2.68025	0.93349	0.93349	0.96664
865	2.67915	0.90294	0.90294	0.94528
866	2.68977	0.89541	0.89541	0.91598
867	2.68083	0.88183	0.88183	0.90313
868	2.79008	0.97282	0.97282	1.03075
869	2.733	0	0	0
870	2.74658	1.04948	1.04948	1.13464
871	2.74715	1.0445	1.0445	1.13083
872	2.75724	1.02366	1.02366	1.09214
873	2.72274	1.00502	1.00502	1.07918
874	2.67187	0.76618	0.76618	0.81731
875	2.61523	0.8859	0.8859	0.90771
876	2.5154	0.82719	0.82719	0.80832
877	2.50051	0	0	0
878	2.64428	0.56418	0.56418	0.67887
879	2.70149	0.99392	0.99392	1.06048
880	2.67153	0.98129	0.98129	1.04225
881	2.63895	0.97337	0.97337	1.03074
882	2.59546	0.96276	0.96276	1.03902
883	2.69008	0.95028	0.95028	1.0097
884	2.68489	0.96614	0.96614	1.02154
885	2.61709	0.54761	0.54761	0.73569
886	2.73518	0.88776	0.88776	0.9231
887	2.71155	0.93143	0.93143	1.01064
888	2.71781	0	0	0
889	2.53909	0	0	0
890	2.65721	0.2996	0.2996	0.41277
891	2.66747	0.73298	0.73298	0.88427
892	2.62249	0.95176	0.95176	1.05759
893	2.61384	0.93072	0.93072	1.05869
894	2.64493	0.92712	0.92712	1.07067
895	2.70505	0.91281	0.91281	1.08004
896	2.71621	0.93008	0.93008	1.11401
897	2.72308	0.95515	0.95515	1.12296
898	2.74884	0.98109	0.98109	1.03587
899	2.74137	1.0369	1.0369	1.17708
900	2.58633	0.35735	0.35735	0.5579
901	2.9112	0.75692	0.75692	0.93727

902	2.90749	0.85663	0.85663	1.00435
903	2.90227	0.87448	0.87448	0.98904
904	2.88188	0.85223	0.85223	0.98919
905	2.82957	0.59041	0.59041	0.88425
906	2.71546	0.85169	0.85169	1.00258
907	2.6882	0.88485	0.88485	1.00431
908	2.72009	0.81056	0.81056	0.86286
909	2.68921	0.85102	0.85102	0.97433
910	2.67311	0.65631	0.65631	0.82759
911	2.72966	0.98908	0.98908	1.14099
912	2.74892	1.00306	1.00306	1.15844
913	2.76379	0.96196	0.96196	1.15583
914	2.76506	0.92758	0.92758	1.14857
915	2.75224	0.78195	0.78195	1.00668
916	2.73257	0.75425	0.75425	1.00686
917	2.71583	0.86991	0.86991	1.04809
918	2.69192	0.562	0.562	0.72226
919	2.70881	0.86895	0.86895	0.88433
920	2.72616	0.88953	0.88953	1.05067
921	2.72062	1.03377	1.03377	1.15117
922	2.72335	1.02759	1.02759	1.15396
923	2.73596	0.99605	0.99605	1.13645
924	2.71198	0	0	0.26971
925	2.67775	0.87786	0.87786	0.99
926	2.66123	0.76943	0.76943	0.92145
927	2.65021	0.59877	0.59877	0.75066
928	2.65305	0.69564	0.69564	0.7537
929	2.62417	0.76607	0.76607	0.82464
930	2.6159	0.82922	0.82922	0.83056
931	2.64337	0.64629	0.64629	0.80847
932	2.64687	0.9163	0.9163	0.97821
933	2.64497	0.95356	0.95356	1.00593
934	2.56059	0	0	0
935	2.67478	0.97136	0.97136	1.02822
936	2.70301	0.98545	0.98545	1.04637
937	2.77291	0.44968	0.44968	0.51379
938	2.77105	0.84012	0.84012	0.86507
939	2.84855	0	0	0
940	2.76839	0.49277	0.49277	0.66728
941	2.57522	0.98309	0.98309	1.00666
942	2.53623	0.57805	0.57805	0.86254

943	2.49276	0.96781	0.96781	0.96507
944	2.4692	0.95494	0.95494	0.93419
945	2.45012	0.93881	0.93881	0.90573
946	2.4346	0.92137	0.92137	0.85684
947	2.44276	0.89955	0.89955	0.86179
948	2.38234	0	0	0
949	2.43741	0.86901	0.86901	0.86123
950	2.44541	0.81455	0.81455	0.7914
951	2.47079	0.97239	0.97239	0.98682
952	2.47563	0.97133	0.97133	1.01569
953	2.47462	0.96364	0.96364	1.02223
954	2.47818	0.95483	0.95483	1.02287
955	2.50439	0.90041	0.90041	1.05938
956	2.50777	0.87863	0.87863	1.0199
957	2.51569	0.8557	0.8557	1.00749
958	2.51892	0.81068	0.81068	0.7554
959	2.50374	0.95902	0.95902	1.10785
960	2.50644	0.95027	0.95027	1.10401
961	2.50753	0.94088	0.94088	1.10644
962	2.49097	0.91527	0.91527	0.89444
963	2.48815	0.97502	0.97502	0.99243
964	2.47848	1.03407	1.03407	1.02526
965	2.47408	1.03709	1.03709	0.98867
966	2.48339	1.04051	1.04051	0.97865
967	2.45646	0	0	0
968	2.46368	0.82588	0.82588	0.80893
969	2.47891	0.88054	0.88054	0.88602
970	2.47169	0.76905	0.76905	0.82074
971	2.4717	0.80497	0.80497	0.80964
972	2.47805	0.8303	0.8303	0.83103
973	2.4926	1.06652	1.06652	1.03724
974	2.48033	0.93447	0.93447	0.90673
975	2.47219	0.91444	0.91444	0.8719
976	2.47311	0.8279	0.8279	0.81516
977	2.42427	0	0	0
978	2.46801	0.75723	0.75723	0.78351
979	2.48484	0.94012	0.94012	1.03552
980	2.48187	0	0	0
981	2.51195	0.47434	0.47434	0.69885
982	2.50595	0.754	0.754	0.68115
983	2.51332	0.90676	0.90676	1.15087

984	2.50759	0.91995	0.91995	1.14716
985	2.50034	0.92676	0.92676	1.11004
986	2.51365	0.89413	0.89413	1.16369
987	2.51922	0.94474	0.94474	1.12852
988	2.52652	0.93088	0.93088	1.12231
989	2.52573	0.89721	0.89721	1.10938
990	2.51158	0.89883	0.89883	1.10267
991	2.50481	0.95066	0.95066	1.15604
992	2.48117	0.92114	0.92114	1.02747
993	2.42014	1.01821	1.01821	1.03405
994	2.42509	1.01332	1.01332	1.03222
995	2.42773	1.00808	1.00808	1.02763
996	2.43274	1.00214	1.00214	1.03283
997	2.44086	0.9964	0.9964	1.04313
998	2.43901	0.98988	0.98988	1.04382
999	2.389	0.9819	0.9819	1.02181
1000	2.44417	0.95258	0.95258	1.05616
1001	2.45927	0.93507	0.93507	1.06246
1002	2.49923	0.84394	0.84394	1.05456
1003	2.50763	0.80113	0.80113	0.96297
1004	2.39171	0.97984	0.97984	1.10591
1005	2.50505	0.95541	0.95541	1.04065
1006	2.50688	0.95706	0.95706	1.09178
1007	2.50826	0.95107	0.95107	1.08739
1008	2.51207	0.71465	0.71465	0.76511
1009	2.43861	0.98904	0.98904	1.13216
1010	2.50831	1.00759	1.00759	1.16687
1011	2.51434	1.02497	1.02497	1.1729
1012	2.47167	0.85404	0.85404	0.82302
1013	2.41725	0.78275	0.78275	0.71012
1014	2.40606	0.7051	0.7051	0.64564
1015	2.46223	0.5614	0.5614	0.68888
1016	2.41272	0.54667	0.54667	0.62304
1017	2.43528	0.86015	0.86015	0.94885
1018	2.44322	0.86298	0.86298	0.93405
1019	2.51883	0.81616	0.81616	0.94161
1020	2.47588	0.85928	0.85928	0.75563
1021	2.36126	0	0	0
1022	2.56491	0.90046	0.90046	0.93961
1023	2.5735	0.93352	0.93352	1.07532
1024	2.57175	1.07631	1.07631	1.24248

1025	2.57258	1.07629	1.07629	1.24507
1026	2.58021	1.10484	1.10484	1.29591
1027	2.54114	0.83494	0.83494	0.94186
1028	2.54271	1.10245	1.10245	1.26987
1029	2.55936	1.1027	1.1027	1.28175
1030	2.52628	0.91403	0.91403	0.98814
1031	2.43251	0.89082	0.89082	0.94111
1032	2.42545	0.8668	0.8668	0.91195
1033	2.40415	0.83214	0.83214	0.87143
1034	2.38371	0.79187	0.79187	0.82332
1035	2.38362	0.78127	0.78127	0.75159
1036	2.4207	0.82343	0.82343	0.81297
1037	2.57938	0.68207	0.68207	1.02074
1038	2.56687	0.8231	0.8231	1.02494
1039	2.55124	0.86152	0.86152	1.0291
1040	2.56418	0.87421	0.87421	0.88827
1041	2.50618	0.69157	0.69157	0.6367
1042	2.51092	0.32161	0.32161	0.45418
1043	2.50492	0.38262	0.38262	0.46472
1044	2.49874	0.18207	0.18207	0.22546
1045	2.54376	0.79229	0.79229	0.80275
1046	2.53688	0.83853	0.83853	0.85473
1047	2.53424	0.87038	0.87038	0.89177
1048	2.53247	0.87928	0.87928	0.91046
1049	2.56451	0.87089	0.87089	0.95176
1050	2.56392	0.85496	0.85496	1.03119
1051	2.5685	0.69084	0.69084	1.01444
1052	2.50752	0	0	0
1053	2.58041	1.06911	1.06911	1.20923
1054	2.56967	1.06173	1.06173	1.20592
1055	2.66623	1.11864	1.11864	1.27673
1056	2.66239	1.11762	1.11762	1.2856
1057	2.66001	1.11648	1.11648	1.29618
1058	2.65513	1.10756	1.10756	1.2765
1059	2.64489	1.07324	1.07324	1.21319
1060	2.64118	1.02299	1.02299	1.16361
1061	2.62822	1.02079	1.02079	1.16413
1062	2.63025	1.01358	1.01358	1.15137
1063	2.59446	1.01256	1.01256	1.13638
1064	2.58133	1.01061	1.01061	1.12048
1065	2.58671	1.01174	1.01174	1.1311

1066	2.60028	0.56322	0.56322	0.86529
1067	2.62118	1.07085	1.07085	1.21661
1068	2.60282	0.97952	0.97952	1.21466
1069	2.60149	0.95585	0.95585	1.19388
1070	2.54662	0.94446	0.94446	1.17404
1071	2.68243	1.13547	1.13547	1.22916
1072	2.67908	1.13261	1.13261	1.23638
1073	2.65737	1.12957	1.12957	1.20814
1074	2.67175	1.12231	1.12231	1.27552
1075	2.66899	0.95116	0.95116	1.13993
1076	2.66025	0.9492	0.9492	1.13442
1077	2.6408	1.01045	1.01045	1.2278
1078	2.6859	1.02513	1.02513	1.26482
1079	2.68471	1.02521	1.02521	1.25546
1080	2.66668	1.02657	1.02657	1.25117
1081	2.61125	0	0	0
1082	2.67079	1.02685	1.02685	1.25149
1083	2.54858	0.99522	0.99522	1.20711
1084	2.54449	0.99436	0.99436	1.20975
1085	2.54289	0.99579	0.99579	1.20944
1086	2.53094	0.9993	0.9993	1.20192
1087	2.49445	0.82388	0.82388	0.82951
1088	2.48393	0.4381	0.4381	0.5516
1089	2.49618	0.77038	0.77038	0.76135
1090	2.5283	1.00228	1.00228	1.19698
1091	2.538	1.01876	1.01876	1.18434
1092	2.5317	1.05389	1.05389	1.17417
1093	2.49186	0	0	0.07635
1094	2.5295	1.05815	1.05815	1.16994
1095	2.53229	1.08077	1.08077	1.21696
1096	2.51929	0.79429	0.79429	1.06523
1097	2.48756	0.96016	0.96016	1.0038
1098	2.47766	0.1983	0.1983	0.28885
1099	2.47489	0.94131	0.94131	0.98746
1100	2.47327	0.95063	0.95063	0.99178
1101	2.46648	0.92939	0.92939	0.97751
1102	2.4664	0.91658	0.91658	0.97811
1103	2.4478	0.81286	0.81286	0.88704
1104	2.45711	0.85966	0.85966	0.9375
1105	2.45536	0.83688	0.83688	0.94569
1106	2.52077	0.86	0.86	1.03223

1107	2.51314	0.87096	0.87096	1.0365
1108	2.52656	0.79095	0.79095	0.73196
1109	2.52737	0.89936	0.89936	1.04548
1110	2.54795	0.92076	0.92076	1.05614
1111	2.56313	0.93741	0.93741	1.06729
1112	2.56305	0.95131	0.95131	1.07146
1113	2.59012	0.96313	0.96313	1.08768
1114	2.51023	0.86116	0.86116	1.02196
1115	2.52684	0.93137	0.93137	1.12907
1116	2.52553	0.86268	0.86268	1.13117
1117	2.4462	0.86747	0.86747	0.86682
1118	2.52045	0.92064	0.92064	1.13998
1119	2.52334	0.85299	0.85299	1.13938
1120	2.48764	0.8426	0.8426	1.10048
1121	2.61623	0.71869	0.71869	0.74395
1122	2.59699	0.96072	0.96072	0.96735
1123	2.5923	0.92064	0.92064	0.92388
1124	2.6201	0.84878	0.84878	0.84657
1125	2.571	0.81824	0.81824	0.83138
1126	2.56764	0.72196	0.72196	0.8058
1127	2.59435	0.83007	0.83007	0.86042
1128	2.5993	0.79944	0.79944	0.78234
1129	2.56174	0.46742	0.46742	0.69131
1130	2.57731	0.73474	0.73474	0.95882
1131	2.58164	0.79914	0.79914	0.9544
1132	2.59526	0.8475	0.8475	0.95167
1133	2.57867	0.61058	0.61058	0.89209
1134	2.59248	0.84836	0.84836	0.91835
1135	2.57535	0.59141	0.59141	0.86825
1136	2.59632	0.965	0.965	1.01129
1137	2.5854	0.91956	0.91956	0.95614
1138	2.5981	0.28598	0.28598	0.55682
1139	2.58531	0.90191	0.90191	0.9728
1140	2.56723	0.56463	0.56463	0.82267
1141	2.59187	0.9081	0.9081	0.96982
1142	2.58344	0.85119	0.85119	0.95177
1143	2.58153	0.77687	0.77687	0.97607
1144	2.59129	1.01112	1.01112	1.14499
1145	2.58224	1.01064	1.01064	1.122
1146	2.53229	0.77718	0.77718	0.85069
1147	2.52964	0.82445	0.82445	0.89581

1148	2.59103	1.01678	1.01678	1.14704
1149	2.59469	1.01379	1.01379	1.1373
1150	2.59068	0.83839	0.83839	0.9116
1151	2.51334	0.81133	0.81133	0.71064
1152	2.57383	1.00974	1.00974	1.10351
1153	2.57226	1.0235	1.0235	1.10862
1154	2.5696	1.02582	1.02582	1.0907
1155	2.556	1.03945	1.03945	1.08761
1156	2.54837	1.0455	1.0455	1.0817
1157	2.58789	0.86656	0.86656	1.0605
1158	2.55331	1.06241	1.06241	1.07188
1159	2.59134	0.83565	0.83565	1.06311
1160	2.63542	1.18295	1.18295	1.20515
1161	2.64402	1.1821	1.1821	1.21686
1162	2.62765	1.18303	1.18303	1.19881
1163	2.62869	1.17255	1.17255	1.19444
1164	2.66064	1.16558	1.16558	1.20016
1165	2.69264	1.16504	1.16504	1.20695
1166	2.70188	1.1647	1.1647	1.2043
1167	2.70456	1.1647	1.1647	1.21064
1168	2.7013	1.16661	1.16661	1.21192
1169	2.71491	1.16657	1.16657	1.21182
1170	2.70326	1.16409	1.16409	1.2079
1171	2.72319	1.1647	1.1647	1.21598
1172	2.73051	1.16414	1.16414	1.21189
1173	2.7292	1.16968	1.16968	1.25859
1174	2.73784	1.16462	1.16462	1.21752
1175	2.74672	1.20109	1.20109	1.27362
1176	2.77346	1.16987	1.16987	1.26532
1177	2.75298	1.20115	1.20115	1.26933
1178	2.73036	1.20373	1.20373	1.26154
1179	2.75296	1.20206	1.20206	1.26338
1180	2.75718	1.2009	1.2009	1.26521
1181	2.75544	1.20136	1.20136	1.26498
1182	2.77189	1.23238	1.23238	1.27743
1183	2.77188	1.23295	1.23295	1.27643
1184	2.74521	1.2341	1.2341	1.27381
1185	2.64909	0.95586	0.95586	1.07358
1186	2.64656	0.98249	0.98249	1.10305
1187	2.61526	0.87514	0.87514	1.00147
1188	2.61276	0.94759	0.94759	1.05985

1189	2.58097	0.79774	0.79774	0.852
1190	2.57113	0.8496	0.8496	0.97975
1191	2.5239	0.35947	0.35947	0.52078
1192	2.53875	0.72285	0.72285	0.7773
1193	2.48729	0.49899	0.49899	0.65292
1194	2.48078	0	0	0
1195	2.48241	0.83114	0.83114	0.82521
1196	2.54769	0.91934	0.91934	0.96681
1197	2.5444	0.82517	0.82517	0.92386
1198	2.54444	0.74741	0.74741	0.72739
1199	2.56286	0.9389	0.9389	0.98278
1200	2.59931	0.75946	0.75946	0.73154
1201	2.58841	0.86527	0.86527	0.88434
1202	2.58221	0.8822	0.8822	0.9061
1203	2.52649	0	0	0
1204	2.47265	0	0	0
1205	2.53082	0.75682	0.75682	0.72149
1206	2.63911	1.18419	1.18419	1.21875
1207	2.65171	1.18392	1.18392	1.22437
1208	2.6671	1.18023	1.18023	1.17387
1209	2.66223	1.18055	1.18055	1.18093
1210	2.67437	1.18116	1.18116	1.18671
1211	2.60744	0.9398	0.9398	1.16256
1212	2.61532	0.96348	0.96348	1.15015
1213	2.64919	1.02615	1.02615	1.13338
1214	2.64679	1.01775	1.01775	1.14775
1215	2.61795	0.99159	0.99159	1.14115
1216	2.62368	0.97991	0.97991	1.15198
1217	2.49842	0	0	0
1218	2.52189	0.81898	0.81898	0.65183
1219	2.66964	1.03889	1.03889	1.13526
1220	2.68485	1.0446	1.0446	1.14629
1221	2.67784	1.0523	1.0523	1.14794
1222	2.52938	0.56034	0.56034	0.70755
1223	2.50499	0.1927	0.1927	0
1224	2.55157	0.7612	0.7612	0.58503
1225	2.54126	0.5431	0.5431	0.72646
1226	2.56456	0.86498	0.86498	0.8665
1227	2.55372	0	0	0
1228	2.59139	0.62662	0.62662	0.85455
1229	2.52866	0.18677	0.18677	0.68757

1230	2.61995	1.20218	1.20218	1.18939
1231	2.5625	1.07755	1.07755	0.99252
1232	2.60098	1.20413	1.20413	1.11261
1233	2.62421	1.20435	1.20435	1.1942
1234	2.55631	1.067	1.067	1.07986
1235	2.56192	1.06949	1.06949	1.08111
1236	2.55622	0.85309	0.85309	1.02429
1237	2.54875	0.82025	0.82025	1.02459
1238	2.55208	0.82335	0.82335	0.89464
1239	2.55158	0.30407	0.30407	0.51944
1240	2.46981	0.4578	0.4578	0.51712
1241	2.45347	0.37146	0.37146	0.32279
1242	2.47881	0.75479	0.75479	0.71036
1243	2.523	0.81064	0.81064	0.8023
1244	2.50642	0.76258	0.76258	0.80916
1245	2.52128	0	0	0
1246	2.52534	0.82316	0.82316	0.82218
1247	2.54349	0.85964	0.85964	0.76899
1248	2.60925	0.86406	0.86406	0.99205
1249	2.59688	0.73919	0.73919	1.00605
1250	2.57353	0	0	0
1251	2.57187	0.88675	0.88675	0.9631
1252	2.53216	0.76049	0.76049	0.68737
1253	2.5298	0.66436	0.66436	0.77908
1254	2.52588	0.23309	0.23309	0.30943
1255	2.5326	0.61042	0.61042	0.71576
1256	2.6419	1.1029	1.1029	1.05568
1257	2.67468	1.10775	1.10775	1.07242
1258	2.68381	1.14389	1.14389	1.18239
1259	2.55126	1.09838	1.09838	0.98983
1260	2.52379	1.08667	1.08667	0.96808
1261	2.50928	1.08144	1.08144	0.95837
1262	2.4914	1.07713	1.07713	0.94796
1263	2.49661	1.07243	1.07243	0.95493
1264	2.503	1.06879	1.06879	0.96589
1265	2.52934	1.05594	1.05594	1.02945
1266	2.53194	1.0647	1.0647	0.99253
1267	2.55466	1.01365	1.01365	0.92258
1268	2.54633	1.0522	1.0522	1.0412
1269	2.52032	1.00581	1.00581	0.89884
1270	2.49917	0.998	0.998	0.87345

1271	2.4963	0.98048	0.98048	0.85443
1272	2.51817	0.97515	0.97515	0.8537
1273	2.53506	0.9726	0.9726	0.87209
1274	2.55678	0.97009	0.97009	0.9014
1275	2.59042	0.96796	0.96796	0.92987
1276	2.60738	0.96581	0.96581	0.95651
1277	2.66102	0.96382	0.96382	0.9855
1278	2.66068	0.95963	0.95963	1.08528
1279	2.50022	0.69066	0.69066	0.63826
1280	2.50604	0.71353	0.71353	0.6937
1281	2.52828	0.76764	0.76764	0.76793
1282	2.5399	0.81642	0.81642	0.82451
1283	2.56331	0.84692	0.84692	0.86765
1284	2.4456	0.84689	0.84689	0.84355
1285	2.44458	0.76393	0.76393	0.86337
1286	2.43227	0.60761	0.60761	0.83278
1287	2.40918	0.77458	0.77458	0.84828
1288	2.39454	0.81553	0.81553	0.81399
1289	2.39194	0.67281	0.67281	0.81756
1290	2.38593	0.42222	0.42222	0.80435
1291	2.44032	0.72169	0.72169	0.85408
1292	2.48012	0.85104	0.85104	1.029
1293	2.53136	0.79592	0.79592	0.90308
1294	2.49187	0.87466	0.87466	1.03097
1295	2.49838	0.8907	0.8907	1.03283
1296	2.45717	0.7947	0.7947	0.98424
1297	2.39632	0.71944	0.71944	0.95086
1298	2.40536	0.513	0.513	0.9627
1299	2.42573	0.68716	0.68716	0.97745
1300	2.47045	0.78293	0.78293	0.99827
1301	2.52716	0.82779	0.82779	1.01706
1302	2.58098	0.85765	0.85765	1.03667
1303	2.66064	0.8935	0.8935	1.05226
1304	2.66423	0.88079	0.88079	1.06018
1305	2.50845	0.81109	0.81109	1.0176
1306	2.51017	0.83863	0.83863	1.02054
1307	2.50199	0.33935	0.33935	0.40874
1308	2.48792	0.8501	0.8501	1.09935
1309	2.50846	0.87146	0.87146	1.10582
1310	2.54874	0.92097	0.92097	1.10689
1311	2.54452	0.89636	0.89636	1.11297

1312	2.52585	0.97258	0.97258	1.00875
1313	2.59681	1.01281	1.01281	1.17282
1314	2.61138	1.01711	1.01711	1.17149
1315	2.6147	1.02348	1.02348	1.16348
1316	2.70613	0.88517	0.88517	1.00727
1317	2.66825	0.8646	0.8646	0.98588
1318	2.60881	0.8369	0.8369	0.95849
1319	2.5067	0.79501	0.79501	0.92084
1320	2.43235	0.72543	0.72543	0.88924
1321	2.42397	0.59484	0.59484	0.86781
1322	2.41021	0.69392	0.69392	0.86567
1323	2.36962	0.78269	0.78269	0.85831
1324	2.43305	0.83095	0.83095	0.88667
1325	2.52539	0.862	0.862	0.93733
1326	2.57824	0.88499	0.88499	0.96068
1327	2.56485	0.3908	0.3908	0.88558
1328	2.5135	0.90483	0.90483	0.9172
1329	2.50925	0.92599	0.92599	0.90733
1330	2.51046	0.97341	0.97341	0.97424
1331	2.49404	0.98438	0.98438	0.962
1332	2.46587	0.86305	0.86305	0.8681
1333	2.27881	1.04683	1.04683	1.04581
1334	2.28328	1.05001	1.05001	1.04389
1335	2.25033	0.80559	0.80559	0.74194
1336	2.29456	1.05907	1.05907	1.0646
1337	2.31284	1.06482	1.06482	1.06472
1338	2.32992	1.07075	1.07075	1.06922
1339	2.36709	1.07909	1.07909	1.08431
1340	2.38738	1.08283	1.08283	1.10336
1341	2.40207	1.08711	1.08711	1.11181
1342	2.40833	1.0903	1.0903	1.11579
1343	2.43803	1.09643	1.09643	1.12646
1344	2.49611	1.10433	1.10433	1.14527
1345	2.55469	1.10743	1.10743	1.15708
1346	2.61976	0.7757	0.7757	0.70548
1347	2.62641	0.81582	0.81582	0.97655
1348	2.54398	1.10889	1.10889	1.13427
1349	2.6018	1.17162	1.17162	1.18991
1350	2.57617	1.17102	1.17102	1.18183
1351	2.58952	1.17018	1.17018	1.18692
1352	2.602	1.17134	1.17134	1.18445

1353	2.64399	1.17714	1.17714	1.19757
1354	2.66926	1.17944	1.17944	1.20598
1355	2.68726	1.17932	1.17932	1.20667
1356	2.7118	1.17985	1.17985	1.20219
1357	2.78754	1.16843	1.16843	1.10729
1358	2.56395	1.03791	1.03791	1.10593
1359	2.45425	0	0	0
1360	2.47486	0.82528	0.82528	0.81128
1361	2.48837	0.87897	0.87897	0.88705
1362	2.49005	1.00888	1.00888	1.04652
1363	2.47496	1.00086	1.00086	1.04113
1364	2.45949	0.99297	0.99297	1.04475
1365	2.4144	0.98165	0.98165	1.02894
1366	2.35444	0	0	0
1367	2.38281	0.95708	0.95708	0.98448
1368	2.36798	0.94221	0.94221	0.96389
1369	2.33466	0.92191	0.92191	0.93289
1370	2.30029	0.89626	0.89626	0.88514
1371	2.29818	0.86496	0.86496	0.83423
1372	2.29197	0.81164	0.81164	0.7461
1373	2.28667	0	0	0
1374	2.27692	0	0	0
1375	2.27466	0.77336	0.77336	0.76986
1376	2.28266	0.8256	0.8256	0.86597
1377	2.2805	0.85596	0.85596	0.91466
1378	2.28412	0.87814	0.87814	0.948
1379	2.28789	0.89557	0.89557	0.9774
1380	2.28524	0.9093	0.9093	0.99732
1381	2.28638	0.92124	0.92124	1.01667
1382	2.28793	0.93175	0.93175	1.03322
1383	2.28916	0.94212	0.94212	1.04814
1384	2.30218	0.95128	0.95128	1.06676
1385	2.3162	1.05098	1.05098	1.15027
1386	2.31828	1.04873	1.04873	1.15243
1387	2.33361	1.04393	1.04393	1.15931
1388	2.35703	1.04253	1.04253	1.17827
1389	2.37346	1.04093	1.04093	1.19682
1390	2.39079	1.02591	1.02591	1.1714
1391	2.36088	0.47511	0.47511	0.84979
1392	2.39881	1.02169	1.02169	1.19182
1393	2.36256	0.89276	0.89276	0.96678

1394	2.38467	0.87643	0.87643	0.99475
1395	2.35395	0.85328	0.85328	0.9455
1396	2.3309	0.82209	0.82209	0.87735
1397	2.33143	0.77035	0.77035	0.78369
1398	2.34433	0	0	0
1399	2.77913	1.21876	1.21876	1.22573
1400	2.73271	1.06078	1.06078	1.13986
1401	2.73426	1.20624	1.20624	1.1404
1402	2.7946	1.23545	1.23545	1.21759
1403	2.79353	1.23146	1.23146	1.20209
1404	2.77963	1.23	1.23	1.22105
1405	2.79366	1.23019	1.23019	1.24031
1406	2.83363	1.23193	1.23193	1.28909
1407	2.73163	1.23322	1.23322	1.27091
1408	2.81062	1.17926	1.17926	1.25253
1409	2.84821	1.17484	1.17484	1.26586
1410	2.75272	1.18066	1.18066	1.2062
1411	2.77409	1.18061	1.18061	1.22922
1412	2.77057	0.77234	0.77234	0.75159
1413	2.77313	0.89215	0.89215	0.93661
1414	2.72133	0.83582	0.83582	0.84338
1415	2.65945	0	0	0
1416	2.68804	0.52787	0.52787	0.69258
1417	2.5677	0	0	0
1418	2.63458	0.76855	0.76855	0.6789
1419	2.69966	0.92748	0.92748	0.98954
1420	2.69224	0.60042	0.60042	0.58421
1421	2.57687	0	0	0
1422	2.58025	0.89099	0.89099	0.92128
1423	2.25914	1.01568	1.01568	1.14234
1424	2.34013	0.91124	0.91124	0.96199
1425	2.33022	1.10751	1.10751	1.20294
1426	2.33431	1.10904	1.10904	1.17381
1427	2.3398	0.88903	0.88903	0.92758
1428	2.32294	0.85663	0.85663	0.87392
1429	2.29415	0.8005	0.8005	0.7799
1430	2.27322	0	0	0
1431	2.26993	0	0	0
1432	2.26366	0.77963	0.77963	0.76285
1433	2.25893	1.01931	1.01931	1.14447
1434	2.25703	1.02263	1.02263	1.14371

1435	2.25541	1.02576	1.02576	1.14316
1436	2.26014	1.05122	1.05122	1.15574
1437	2.26859	0.93813	0.93813	1.01398
1438	2.25471	0.92714	0.92714	0.9943
1439	2.22335	0	0	0
1440	2.25928	0.90208	0.90208	0.96143
1441	2.25598	0.88489	0.88489	0.93742
1442	2.24232	0.86204	0.86204	0.89794
1443	2.85172	0.89434	0.89434	0.96008
1444	2.7686	0.83526	0.83526	0.87369
1445	2.68465	0	0	0
1446	2.8374	0.85598	0.85598	0.94643
1447	2.76511	0.82107	0.82107	0.91273
1448	2.63148	0.78774	0.78774	0.85308
1449	2.63134	0.76651	0.76651	0.8583
1450	2.81933	0.74556	0.74556	0.6812
1451	2.79531	0.71165	0.71165	0.7954
1452	2.85922	0.75174	0.75174	0.84847
1453	2.79472	0.48276	0.48276	0.63343
1454	2.7974	0.80773	0.80773	0.80624
1455	2.86441	0.52068	0.52068	0.60405
1456	2.84454	0.81855	0.81855	0.96445
1457	2.83404	0.81413	0.81413	0.94493
1458	2.72401	1.14864	1.14864	1.10008
1459	2.75075	1.03866	1.03866	1.09893
1460	2.76407	1.13455	1.13455	1.1252
1461	2.75656	1.15468	1.15468	1.10491
1462	2.77635	1.36444	1.36444	1.17076
1463	2.71193	1.10669	1.10669	0.93387
1464	2.64386	0.99162	0.99162	1.00993
1465	2.64516	1.00197	1.00197	1.01831
1466	2.78982	1.22622	1.22622	0.58903
1467	2.79336	1.36978	1.36978	1.12329
1468	2.80398	1.36462	1.36462	1.22217
1469	2.7972	1.36448	1.36448	1.22683
1470	2.80376	1.36647	1.36647	1.20217
1471	2.72268	0.75649	0.75649	0.74647
1472	2.73334	1.2662	1.2662	0.57851
1473	2.73813	1.26323	1.26323	0.99933
1474	2.7409	1.27385	1.27385	1.11401
1475	2.74122	1.2739	1.2739	1.11631

1476	2.73153	1.27938	1.27938	1.08228
1477	2.6712	1.27505	1.27505	0.96772
1478	2.67947	0	0	0
1479	2.75647	0.30375	0.30375	0.2507
1480	2.87956	0.78581	0.78581	0.96255
1481	2.88363	0.89757	0.89757	0.95356
1482	2.88293	0.91799	0.91799	0.92096
1483	2.86635	0.93689	0.93689	0.92267
1484	2.92295	0.95407	0.95407	0.94414
1485	2.72822	0.71817	0.71817	0.7901
1486	2.62329	0	0	0
1487	2.85884	0.91133	0.91133	0.89278
1488	2.79466	0.86437	0.86437	0.9819
1489	2.7804	0.82577	0.82577	0.95283
1490	2.87034	0.83181	0.83181	0.86375
1491	2.87849	1.04293	1.04293	1.11345
1492	2.80993	0.88927	0.88927	0.99603
1493	2.76991	1.02334	1.02334	1.0718
1494	2.77121	1.01783	1.01783	1.07065
1495	2.77428	0.99385	0.99385	1.04869
1496	2.71459	0	0	0
1497	2.78758	0.60976	0.60976	0.84985
1498	2.76299	0.91377	0.91377	1.04434
1499	2.72582	0.41159	0.41159	0.5814
1500	2.59637	0.78333	0.78333	0.71903
1501	2.60485	0.82816	0.82816	0.78296
1502	2.64353	0.92569	0.92569	1.09882
1503	2.63898	0.95347	0.95347	1.13092
1504	2.63169	0.95675	0.95675	1.13303
1505	2.63188	0.85712	0.85712	0.84007
1506	2.62932	0.94765	0.94765	1.08621
1507	2.50444	0.82077	0.82077	0.597
1508	2.62226	0.95059	0.95059	1.08316
1509	2.55248	0.83178	0.83178	0.89615
1510	2.55549	0.82608	0.82608	0.82598
1511	2.54288	0	0	0
1512	2.54747	0.69772	0.69772	0.51522
1513	2.51772	0.25992	0.25992	0.50205
1514	2.47062	0.86002	0.86002	0.83163
1515	2.43219	0.83074	0.83074	0.7766
1516	2.42232	0.79065	0.79065	0.73057

1517	2.41307	0.70808	0.70808	0.66233
1518	2.44739	0.43489	0.43489	0.69225
1519	2.47963	0.71507	0.71507	0.78889
1520	2.50579	0.7929	0.7929	0.84291
1521	2.51555	0.83099	0.83099	0.88025
1522	2.58877	0.85956	0.85956	0.92443
1523	2.58686	0.65151	0.65151	0.98349
1524	2.5354	0.76164	0.76164	0.65468
1525	2.54439	0.77286	0.77286	0.78431
1526	2.54033	0.62426	0.62426	0.67207
1527	2.54737	1.10009	1.10009	1.26038
1528	2.54442	1.10736	1.10736	1.27415
1529	2.50092	0.92245	0.92245	0.91344
1530	2.52847	0.94354	0.94354	0.9444
1531	2.50724	1.06401	1.06401	1.20005
1532	2.46712	1.05857	1.05857	1.18561
1533	2.46784	1.04164	1.04164	1.17779
1534	2.43465	0.90402	0.90402	0.91739
1535	2.42089	0.88432	0.88432	0.8886
1536	2.42516	0.8598	0.8598	0.86192
1537	2.45889	1.0367	1.0367	1.17609
1538	2.44274	1.03085	1.03085	1.17893
1539	2.43719	0.91653	0.91653	0.95542
1540	2.39341	0.99769	0.99769	1.14565
1541	2.35689	0.99	0.99	1.13247
1542	2.34748	0.98498	0.98498	1.12873
1543	2.33382	0.97897	0.97897	1.12434
1544	2.32049	0.97269	0.97269	1.11878
1545	2.31003	0.96557	0.96557	1.11993
1546	2.29619	0.95899	0.95899	1.10948
1547	2.28131	0.95429	0.95429	1.10284
1548	2.28224	0.93873	0.93873	1.06529
1549	2.25704	0.8103	0.8103	0.92928
1550	2.25903	0.92873	0.92873	0.9367
1551	2.25446	0.92348	0.92348	0.77043
1552	2.27917	0.97814	0.97814	1.07287
1553	2.24521	0.90994	0.90994	0.90947
1554	2.23521	0.88674	0.88674	0.87271
1555	2.23659	0	0	0
1556	2.22821	0.80276	0.80276	0.74597
1557	2.22469	0	0	0

1558	2.27677	1.00329	1.00329	1.07643
1559	2.27585	1.00649	1.00649	1.08227
1560	2.27748	1.00982	1.00982	1.08936
1561	2.27716	1.01376	1.01376	1.09233
1562	2.27655	1.01771	1.01771	1.09352
1563	2.27783	1.07727	1.07727	1.0446
1564	2.26005	1.05226	1.05226	1.0601
1565	2.24971	1.04754	1.04754	1.05494
1566	2.25008	1.04387	1.04387	1.05924
1567	2.24221	1.03876	1.03876	1.05854
1568	2.23827	1.03414	1.03414	1.05589
1569	2.233	1.02945	1.02945	1.05461
1570	2.22857	1.0244	1.0244	1.05396
1571	2.21759	1.01804	1.01804	1.04412
1572	2.20997	1.01226	1.01226	1.03582
1573	2.20593	1.00655	1.00655	1.04183
1574	2.20408	1.00116	1.00116	1.04065
1575	2.2041	0.99542	0.99542	1.04131
1576	2.19243	0.9873	0.9873	1.02531
1577	2.18174	0.97912	0.97912	1.00877
1578	2.17842	0.97069	0.97069	1.00571
1579	2.17409	0.96258	0.96258	0.99548
1580	2.16975	0.9537	0.9537	0.98315
1581	2.16738	0.94416	0.94416	0.97195
1582	2.16844	0.90916	0.90916	0.9159
1583	2.15798	0.88969	0.88969	0.87968
1584	2.15254	0.86707	0.86707	0.84034
1585	2.15069	0.83646	0.83646	0.7861
1586	2.14681	0.78293	0.78293	0.6991
1587	2.1442	0	0	0
1588	2.42984	0.89425	0.89425	0.92509
1589	2.42723	0.86351	0.86351	0.88211
1590	2.4198	0.81003	0.81003	0.80418
1591	2.40256	0	0	0
1592	2.5108	0.78052	0.78052	0.62787
1593	2.53947	1.10404	1.10404	1.25684
1594	2.53077	1.13354	1.13354	1.23005
1595	2.52426	1.1352	1.1352	1.2281
1596	2.51425	1.13574	1.13574	1.19854
1597	2.47144	0.87034	0.87034	1.04084
1598	2.46017	0.8447	0.8447	1.02906

1599	2.45798	0.80852	0.80852	1.01962
1600	2.418	0.93015	0.93015	0.86691
1601	2.42082	0.92364	0.92364	0.963
1602	2.38943	0.89902	0.89902	0.92138
1603	2.37015	0.8661	0.8661	0.86409
1604	2.36414	0.81262	0.81262	0.7812
1605	2.36795	0	0	0
1606	2.41074	0.94471	0.94471	0.84031
1607	2.41992	0.95623	0.95623	0.83274
1608	2.41688	0.96868	0.96868	0.82767
1609	2.4665	0.81703	0.81703	1.05348
1610	2.47073	0.84807	0.84807	1.05073
1611	2.47979	1.04157	1.04157	1.03829
1612	2.43439	1.02199	1.02199	1.02078
1613	2.42465	1.01459	1.01459	1.00173
1614	2.41406	1.0067	1.0067	0.97754
1615	2.41396	0.87736	0.87736	0.88661
1616	2.3915	0.82242	0.82242	0.8023
1617	2.38614	0	0	0
1618	2.49213	1.04629	1.04629	1.04145
1619	2.51958	1.06676	1.06676	1.05834
1620	2.51092	1.05108	1.05108	1.05247
1621	2.45157	0.88068	0.88068	0.8959
1622	2.42708	0.82528	0.82528	0.80769
1623	2.40969	0	0	0
1624	2.53207	1.07058	1.07058	1.06998
1625	2.54767	1.075	1.075	1.08827
1626	2.58698	1.16398	1.16398	1.15677
1627	2.59378	1.08137	1.08137	1.10591
1628	2.59986	0.82963	0.82963	1.14665
1629	2.61472	0.82732	0.82732	1.16753
1630	2.61621	0.8564	0.8564	1.16189
1631	2.60645	0.92174	0.92174	1.18971
1632	2.5917	1.16166	1.16166	1.16112
1633	2.54706	0.76611	0.76611	1.02873
1634	2.50725	1.13863	1.13863	1.19958
1635	2.51421	1.14119	1.14119	1.20706
1636	2.53538	1.14194	1.14194	1.16519
1637	2.48005	0.76423	0.76423	1.05834
1638	2.54617	1.14362	1.14362	1.17469
1639	2.59929	1.14623	1.14623	1.20431

1640	2.56312	1.14506	1.14506	1.18953
1641	2.60895	1.15127	1.15127	1.20194
1642	2.6001	1.14942	1.14942	1.19912
1643	2.59069	1.14761	1.14761	1.19736
1644	2.3821	0	0	0
1645	2.39229	0.81188	0.81188	0.79435
1646	2.42774	0.86693	0.86693	0.88269
1647	2.46087	0.90001	0.90001	0.93397
1648	2.48976	0.92296	0.92296	0.97331
1649	2.51278	0.94136	0.94136	1.00331
1650	2.52016	0.90482	0.90482	0.98169
1651	2.52649	0.9209	0.9209	1.00758
1652	2.7864	1.04197	1.04197	1.14948
1653	2.78888	1.03602	1.03602	1.1498
1654	2.79127	1.00756	1.00756	1.11906
1655	2.81268	0.90358	0.90358	1.01308
1656	2.75328	0.8815	0.8815	0.99345
1657	2.62101	0.85343	0.85343	0.94548
1658	2.60164	0.80806	0.80806	0.88245
1659	2.6313	0.25301	0.25301	0.36228
1660	2.60728	0.86423	0.86423	0.87285
1661	2.60013	0.8426	0.8426	0.88632
1662	2.66846	0.70598	0.70598	0.77549
1663	2.66594	0.86699	0.86699	0.8873
1664	2.6492	0.69054	0.69054	0.75224
1665	2.68431	0.95106	0.95106	1.01876
1666	2.67584	0.79086	0.79086	0.80983
1667	2.74578	0.9032	0.9032	0.93988
1668	2.67315	0.94082	0.94082	1.00242
1669	2.67435	0.93004	0.93004	0.99212
1670	2.70291	0.91814	0.91814	0.99059
1671	2.69751	0.90365	0.90365	0.97763
1672	2.64438	0.79875	0.79875	0.85369
1673	2.65053	0.88502	0.88502	0.94675
1674	2.55808	0.70417	0.70417	0.81616
1675	2.53144	0.7124	0.7124	0.82845
1676	2.54247	0	0	0
1677	2.59237	0.836	0.836	0.83339
1678	2.65376	0.89377	0.89377	0.92124
1679	2.6178	0.85467	0.85467	0.85295
1680	2.57578	0.82054	0.82054	0.79989

1681	2.57637	0.76759	0.76759	0.73377
1682	2.55762	0.57301	0.57301	0.63253
1683	2.83457	0.94097	0.94097	1.03007
1684	2.76196	0.92812	0.92812	1.00218
1685	2.74956	0.91621	0.91621	0.98589
1686	2.68837	0.90043	0.90043	0.95709
1687	2.68817	0.61806	0.61806	0.69632
1688	2.58159	0.79995	0.79995	0.84329
1689	2.46944	0.70672	0.70672	0.75356
1690	2.40635	0.69447	0.69447	0.72523
1691	2.48296	0.78609	0.78609	0.78892
1692	2.59329	0.83212	0.83212	0.85167
1693	2.62638	0.86057	0.86057	0.8885
1694	2.58584	0.88264	0.88264	0.89594
1695	2.50464	0.85815	0.85815	0.84578
1696	2.43955	0.82729	0.82729	0.78845
1697	2.39326	0.78346	0.78346	0.71571
1698	2.3811	0.69402	0.69402	0.61616
1699	2.39887	0.70476	0.70476	0.6936
1700	2.44458	0.79263	0.79263	0.79418
1701	2.51313	0.83695	0.83695	0.86011
1702	2.59266	0.86746	0.86746	0.91321
1703	2.61277	0.20411	0.20411	0.13721
1704	2.71006	0.89348	0.89348	0.91445
1705	2.70634	1.07565	1.07565	1.15456
1706	2.70308	1.07997	1.07997	1.15155
1707	2.71204	1.08311	1.08311	1.15521
1708	2.81849	1.08181	1.08181	1.16628
1709	2.82069	1.144	1.144	1.25472
1710	2.80565	0.94034	0.94034	0.97467
1711	2.78668	1.07526	1.07526	1.1658
1712	2.64899	0.64896	0.64896	0.80659
1713	2.62995	0.62988	0.62988	0.76237
1714	2.6167	0.4935	0.4935	0.66929
1715	2.66423	0.62195	0.62195	0.75785
1716	2.65166	0.78479	0.78479	0.84978
1717	2.66366	1.00472	1.00472	1.07455
1718	2.6668	0.96314	0.96314	0.98923
1719	2.6477	0.76868	0.76868	0.73738
1720	2.64761	0.6758	0.6758	0.84815
1721	2.65216	0.94695	0.94695	0.98801

1722	2.63678	0.92331	0.92331	0.95311
1723	2.6457	0.89169	0.89169	0.92037
1724	2.62813	0.83598	0.83598	0.83715
1725	2.53827	0	0	0
1726	2.53665	0	0	0
1727	2.61521	0.86255	0.86255	0.98455
1728	2.60862	0.87529	0.87529	0.94788
1729	2.7485	0.82761	0.82761	0.83161
1730	2.75888	1.0338	1.0338	1.1168
1731	2.72659	1.05979	1.05979	1.15693
1732	2.79219	1.06567	1.06567	1.1748
1733	2.89664	1.07011	1.07011	1.19952
1734	2.61615	0.51918	0.51918	0.69485
1735	2.62344	0.73707	0.73707	0.77488
1736	2.70727	0.87875	0.87875	0.98778
1737	2.73672	0.90047	0.90047	1.00474
1738	2.73289	0.99999	0.99999	1.0836
1739	2.92772	1.01377	1.01377	1.13922
1740	2.87749	0.75458	0.75458	0.95763
1741	2.69281	0.91503	0.91503	0.97307
1742	2.69874	0.9273	0.9273	0.9949
1743	2.69862	0.94825	0.94825	1.01058
1744	2.69417	0.94251	0.94251	1.02877
1745	2.60502	0.86742	0.86742	0.90095
1746	2.70017	0.93776	0.93776	1.0279
1747	2.67894	0.93237	0.93237	1.02088
1748	2.60015	0	0	0
1749	2.85587	0	0	0
1750	2.6298	0.88697	0.88697	0.87654
1751	2.63395	0.83496	0.83496	0.83612
1752	2.56686	0	0	0
1753	2.80362	1.0008	1.0008	1.09194
1754	2.8081	0.91616	0.91616	0.96483
1755	2.88207	0.56021	0.56021	0.67775
1756	2.88416	0.89958	0.89958	0.97034
1757	2.70114	0	0	0
1758	2.69524	0.84162	0.84162	0.85283
1759	2.71262	0.89846	0.89846	0.92781
1760	2.71913	0.88084	0.88084	0.89908
1761	2.58646	0.8209	0.8209	0.79298
1762	2.58486	0.85193	0.85193	0.84196

1763	2.49271	0.76463	0.76463	0.71587
1764	2.4889	0.57068	0.57068	0.72642
1765	2.54777	0.82331	0.82331	0.87247
1766	2.5516	0.58988	0.58988	0.77647
1767	2.68905	0.85877	0.85877	0.92654
1768	2.69266	0.92434	0.92434	1.00441
1769	2.60855	0.48252	0.48252	0.66024
1770	2.59883	0.26327	0.26327	0.24422
1771	2.58691	0.76879	0.76879	0.78939
1772	2.48586	0.49863	0.49863	0.64972
1773	2.50188	0.76487	0.76487	0.77216
1774	2.48522	0.49002	0.49002	0.65005
1775	2.47679	0.76097	0.76097	0.70353
1776	2.56526	0.85125	0.85125	0.845
1777	2.56718	0.81926	0.81926	0.7894
1778	2.60612	0.87646	0.87646	0.88912
1779	2.78558	0.65655	0.65655	0.81355
1780	2.59913	0	0	0
1781	2.75489	0.80795	0.80795	0.94073
1782	2.76001	0.84725	0.84725	0.84844
1783	2.85422	0.69748	0.69748	0.89944
1784	2.76956	0.5532	0.5532	0.7628
1785	3.00451	1.25643	1.25643	1.20758
1786	3.05762	1.25566	1.25566	1.21584
1787	2.88177	1.03334	1.03334	1.00423
1788	2.86531	0.79941	0.79941	0.80345
1789	2.87961	0.66011	0.66011	0.81778
1790	2.81282	1.03282	1.03282	0.97027
1791	2.8513	1.03806	1.03806	0.97558
1792	2.93791	1.04397	1.04397	1.0028
1793	3.01483	1.05962	1.05962	1.15141
1794	3.00603	1.10624	1.10624	1.18073
1795	2.9899	1.10461	1.10461	1.18186
1796	3.05938	1.25728	1.25728	1.22345
1797	3.13386	1.26953	1.26953	1.28479
1798	3.12343	1.27024	1.27024	1.30262
1799	3.06417	0.60297	0.60297	0.806
1800	2.60954	0.13984	0.13984	0.21041
1801	2.46909	0	0	0
1802	2.84621	0.89513	0.89513	0.89407
1803	2.917	0.91143	0.91143	0.8733

1804	2.87076	0.92102	0.92102	0.86655
1805	2.68176	0.96901	0.96901	1.01223
1806	2.66903	1.0113	1.0113	1.08224
1807	2.66729	1.01993	1.01993	1.10449
1808	2.65033	1.05376	1.05376	1.12118
1809	2.65778	0.95399	0.95399	0.99082
1810	2.58906	0	0	0
1811	2.58058	0.8859	0.8859	0.90906
1812	2.56984	0.94008	0.94008	0.98413
1813	2.49002	0	0	0
1814	2.52281	0.82917	0.82917	0.82096
1815	2.56484	0.88598	0.88598	0.90793
1816	2.51095	0	0	0
1817	2.51075	0	0	0
1818	2.61176	0.86731	0.86731	0.87564
1819	2.64845	0.34827	0.34827	0.40404
1820	2.27013	0.80966	0.80966	0.91638
1821	2.25446	0.78156	0.78156	0.89341
1822	2.2647	0.73971	0.73971	0.89395
1823	2.26536	0.68203	0.68203	0.88291
1824	2.26995	0.67692	0.67692	0.87383
1825	2.40254	1.01944	1.01944	1.19817
1826	2.42708	1.01704	1.01704	1.23
1827	2.42792	0.89328	0.89328	1.03278
1828	2.35396	0	0	0
1829	2.36346	0.76892	0.76892	0.80997
1830	2.35882	0.82135	0.82135	0.90342
1831	2.37323	0.85214	0.85214	0.96623
1832	2.39577	0.39939	0.39939	0.79036
1833	2.40876	0.8753	0.8753	1.02522
1834	2.44499	0.99416	0.99416	1.18206
1835	2.45576	0.98816	0.98816	1.19012
1836	2.51004	0.98458	0.98458	1.21812
1837	2.22221	0	0	0
1838	2.22256	0.77808	0.77808	0.74928
1839	2.21578	0	0	0
1840	2.48438	0	0	0
1841	2.45328	0.7685	0.7685	0.79864
1842	2.313	1.09368	1.09368	1.18472
1843	2.30572	1.09013	1.09013	1.1807
1844	2.30158	1.08817	1.08817	1.17749

1845	2.29907	1.08459	1.08459	1.17439
1846	2.29631	1.08268	1.08268	1.17052
1847	2.28556	1.07766	1.07766	1.16277
1848	2.27947	1.07391	1.07391	1.15862
1849	2.26745	1.06798	1.06798	1.15194
1850	2.2661	1.06593	1.06593	1.15085
1851	2.26657	1.06344	1.06344	1.15079
1852	2.26009	1.05847	1.05847	1.14836
1853	2.26023	1.05492	1.05492	1.15167
1854	2.32094	1.03888	1.03888	1.05962
1855	2.33694	1.14043	1.14043	1.21912
1856	2.33771	1.14213	1.14213	1.2161
1857	2.34469	1.144	1.144	1.2161
1858	2.35335	1.14877	1.14877	1.21829
1859	2.35391	1.14713	1.14713	1.22031
1860	2.299	0	0	0
1861	2.33684	1.1516	1.1516	1.19831
1862	2.34268	1.15277	1.15277	1.19729
1863	2.34906	1.15359	1.15359	1.19464
1864	2.3439	1.15756	1.15756	1.19053
1865	2.51485	0	0	0
1866	2.53816	0.82669	0.82669	0.83603
1867	2.55393	0.95133	0.95133	1.01389
1868	2.55264	0.88067	0.88067	0.91644
1869	2.54947	0.96523	0.96523	1.01284
1870	2.55392	0.97735	0.97735	1.02415
1871	2.57527	0.98857	0.98857	1.0284
1872	2.59856	0.99886	0.99886	1.04425
1873	2.69307	1.0113	1.0113	1.07618
1874	2.80397	1.17342	1.17342	1.26479
1875	2.85954	1.17096	1.17096	1.28793
1876	2.84038	1.16362	1.16362	1.28012
1877	2.83149	1.16217	1.16217	1.27913
1878	2.80187	1.16032	1.16032	1.28658
1879	2.79657	1.13435	1.13435	1.22462
1880	2.65241	0.84034	0.84034	0.85012
1881	2.78669	0.99672	0.99672	1.08469
1882	2.60515	0.43156	0.43156	0.62849
1883	2.78517	1.00352	1.00352	1.08728
1884	2.80853	1.01096	1.01096	1.15166
1885	2.83113	1.01063	1.01063	1.15164

1886	2.79566	1.01663	1.01663	1.09947
1887	2.79976	1.0851	1.0851	1.21998
1888	2.78543	1.01999	1.01999	1.15346
1889	2.755	0	0	0
1890	2.56866	0.92986	0.92986	0.9768
1891	2.56936	0.96548	0.96548	1.03755
1892	2.63489	0.9798	0.9798	1.06312
1893	2.6476	0.99042	0.99042	1.07681
1894	2.67086	1.00036	1.00036	1.09182
1895	2.69298	1.00946	1.00946	1.1056
1896	2.68192	1.02159	1.02159	1.12004
1897	2.68093	1.02776	1.02776	1.12729
1898	2.64257	0.73527	0.73527	0.76819
1899	2.63585	0.67459	0.67459	0.73254
1900	2.89853	1.08	1.08	1.23975
1901	2.65402	0.89158	0.89158	1.02914
1902	2.66757	0.48974	0.48974	0.7248
1903	2.65844	0.84189	0.84189	0.98464
1904	2.65699	0.87542	0.87542	1.00454
1905	2.63043	0.8361	0.8361	0.95698
1906	2.6526	0.82476	0.82476	0.91899
1907	2.64487	0.92605	0.92605	0.95601
1908	2.64222	0.84833	0.84833	0.90231
1909	2.60952	0.84745	0.84745	0.8448
1910	2.6221	0.83629	0.83629	0.89322
1911	2.63015	0.83586	0.83586	0.92984
1912	2.76245	0.95249	0.95249	0.97577
1913	2.75747	0.87984	0.87984	0.86526
1914	2.75275	0.9346	0.9346	0.94961
1915	2.60656	0.82265	0.82265	0.77435
1916	2.61939	0.59173	0.59173	0.7166
1917	2.65389	0.80398	0.80398	0.83495
1918	2.69471	0.78216	0.78216	0.92191
1919	2.6258	0.83114	0.83114	0.77737
1920	2.68108	0.8552	0.8552	0.79484
1921	2.67572	0.87347	0.87347	0.80725
1922	2.79428	0.89731	0.89731	0.8904
1923	2.62366	0.43757	0.43757	0.61099
1924	2.91187	0.694	0.694	0.97213
1925	2.91074	0.97193	0.97193	1.01798
1926	2.83604	0.80464	0.80464	0.96812

1927	2.72854	0	0	0
1928	2.50666	0.93116	0.93116	1.01662
1929	2.48325	0.94004	0.94004	1.01353
1930	2.49385	0.94792	0.94792	1.01418
1931	2.50716	0.9561	0.9561	1.01844
1932	2.51947	0.96566	0.96566	1.02138
1933	2.49698	0.50474	0.50474	0.80426
1934	2.55289	0	0	0
1935	2.55136	0.48767	0.48767	0.62428
1936	2.6076	0.89019	0.89019	0.87381
1937	2.58013	0.83429	0.83429	0.79089
1938	2.55265	0.37831	0.37831	0.56983
1939	2.62105	0.74318	0.74318	0.96289
1940	2.59795	0.34429	0.34429	0.24291
1941	2.62667	0.86684	0.86684	0.93973
1942	2.63393	0.82926	0.82926	0.96953
1943	2.61435	0.76506	0.76506	0.76024
1944	2.61095	0.58779	0.58779	0.79408
1945	2.6361	0.81729	0.81729	0.79449
1946	2.63967	0.90539	0.90539	0.90316
1947	2.64317	0.85397	0.85397	0.8452
1948	2.63513	0.82638	0.82638	0.83727
1949	2.62734	0.8935	0.8935	0.9493
1950	2.59207	0.67102	0.67102	0.96749
1951	2.46085	0.8917	0.8917	0.88608
1952	2.461	0.79484	0.79484	0.87042
1953	2.47005	0.75564	0.75564	0.88198
1954	2.43422	0.78579	0.78579	0.60835
1955	2.46555	0.5949	0.5949	0.74596
1956	2.50707	0.79756	0.79756	0.96531
1957	2.50689	0.75228	0.75228	0.90806
1958	2.54136	0.81319	0.81319	0.98708
1959	2.23361	0.95354	0.95354	1.03599
1960	2.22938	0.94625	0.94625	1.02639
1961	2.22741	0.93816	0.93816	1.01263
1962	2.22956	0.92937	0.92937	1.00224
1963	2.23115	0.91944	0.91944	0.99267
1964	2.23372	0.9078	0.9078	0.97436
1965	2.22991	0.89403	0.89403	0.95482
1966	2.2416	0	0	0
1967	2.23182	0.87774	0.87774	0.93413

1968	2.20527	0.82418	0.82418	0.8288
1969	2.19577	0.77097	0.77097	0.73076
1970	2.18877	0	0	0
1971	2.33308	1.10248	1.10248	1.03487
1972	2.32104	1.09923	1.09923	1.02483
1973	2.29523	1.09819	1.09819	1.01038
1974	2.30514	1.09722	1.09722	1.02335
1975	2.3016	1.09515	1.09515	1.01743
1976	2.30062	1.09349	1.09349	1.01106
1977	2.30317	1.09191	1.09191	1.01213
1978	2.3105	1.09121	1.09121	1.02473
1979	2.32158	1.09106	1.09106	1.03956
1980	2.32151	1.08924	1.08924	1.05092
1981	2.31723	1.08541	1.08541	1.05623
1982	2.30915	1.08446	1.08446	1.06075
1983	2.29304	1.08372	1.08372	1.05065
1984	2.28123	1.08271	1.08271	1.04494
1985	2.27597	1.08049	1.08049	1.04119
1986	2.36343	0.87285	0.87285	0.86129
1987	2.34357	0.8179	0.8179	0.7757
1988	2.31867	0	0	0
1989	2.16049	0.78711	0.78711	0.70657
1990	2.16242	0	0	0
1991	2.49788	0.8724	0.8724	0.90001
1992	2.47441	0.81819	0.81819	0.81577
1993	2.46085	0	0	0
1994	2.83455	0.85291	0.85291	0.79545
1995	3.0505	0.79115	0.79115	0.73453
1996	3.0388	1.26984	1.26984	1.21253
1997	3.02579	1.26927	1.26927	1.23275
1998	3.02824	0.97862	0.97862	1.19657
1999	2.9493	0.89177	0.89177	1.09364
2000	2.87356	0.7999	0.7999	0.8989
2001	2.88709	0.76367	0.76367	0.94778
2002	2.86054	0.8175	0.8175	0.86979
2003	2.85529	0.84218	0.84218	0.86422
2004	2.86	0.75885	0.75885	0.77912
2005	2.86028	0.84702	0.84702	0.85163
2006	2.79779	0.79614	0.79614	0.80059
2007	2.8191	0.28271	0.28271	0.37383
2008	2.79739	0.74636	0.74636	0.77926

2009	2.86489	0.774	0.774	0.79813
2010	2.86365	0.88556	0.88556	1.00088
2011	2.84544	0.7902	0.7902	1.02719
2012	3.08257	1.27124	1.27124	1.30115
2013	3.07346	0.96489	0.96489	1.21913
2014	3.0453	0.9878	0.9878	1.18816
2015	3.06047	1.01877	1.01877	1.19146
2016	2.98284	0.79457	0.79457	0.84451
2017	3.08666	0.86262	0.86262	0.95661
2018	3.06748	1.05714	1.05714	1.18528
2019	3.05574	1.03911	1.03911	1.18565
2020	3.05059	1.03985	1.03985	1.20312
2021	3.04311	1.03023	1.03023	1.2007
2022	3.02952	1.01937	1.01937	1.18899
2023	2.93489	1.10421	1.10421	1.17555
2024	2.9196	1.1042	1.1042	1.11238
2025	2.9199	1.09694	1.09694	1.08782
2026	2.92124	0.80794	0.80794	0.86223
2027	2.79955	0.7117	0.7117	0.73192
2028	2.7285	0.10831	0.10831	0.16352
2029	2.74656	0.73332	0.73332	0.66881
2030	2.83424	0.8154	0.8154	0.826
2031	2.90261	0.85615	0.85615	0.90124
2032	2.89595	1.10475	1.10475	1.07227
2033	2.88256	1.1154	1.1154	1.08565
2034	2.85773	1.2773	1.2773	1.155
2035	2.87138	1.38053	1.38053	1.23179
2036	2.92128	0	0	0
2037	2.84765	1.09538	1.09538	0.94752
2038	2.83105	1.09737	1.09737	0.93814
2039	2.80226	1.09736	1.09736	0.93665
2040	2.83698	1.09892	1.09892	0.93608
2041	2.92644	0.76553	0.76553	0.70461
2042	2.85221	1.0977	1.0977	0.95271
2043	2.99363	1.26578	1.26578	1.14974
2044	2.98448	1.25513	1.25513	1.12306
2045	2.95934	1.11421	1.11421	1.09119
2046	2.9375	1.11573	1.11573	1.08671
2047	2.93255	0.95843	0.95843	1.01965
2048	2.98711	0.85053	0.85053	1.00139
2049	2.99903	0.88656	0.88656	0.98044

2050	2.97952	0.86074	0.86074	0.92884
2051	2.87255	0.82171	0.82171	0.85816
2052	2.78152	0.74875	0.74875	0.74695
2053	2.74215	0.54922	0.54922	0.55459
2054	2.78509	0.69982	0.69982	0.68104
2055	2.85419	0.84255	0.84255	0.86345
2056	2.85391	0.76515	0.76515	0.81946
2057	2.86155	0.80184	0.80184	0.82055
2058	2.80525	0.79748	0.79748	0.80904
2059	2.80828	0.75301	0.75301	0.81421
2060	2.81837	0.77875	0.77875	0.90238
2061	2.89989	1.12202	1.12202	1.04504
2062	2.89811	1.16496	1.16496	1.10366
2063	2.89278	1.16692	1.16692	1.09138
2064	2.89056	1.16996	1.16996	1.11024
2065	2.86566	1.17095	1.17095	1.05094
2066	2.88793	1.17199	1.17199	0.92437
2067	2.82865	0.7082	0.7082	0.72938
2068	2.88249	1.12254	1.12254	1.03574
2069	2.65043	0	0	0
2070	2.81779	0.73753	0.73753	0.66366
2071	2.8742	1.12393	1.12393	1.02746
2072	2.85867	1.1247	1.1247	1.03186
2073	2.87488	1.12503	1.12503	1.03756
2074	2.9075	1.1274	1.1274	1.05339
2075	2.92946	1.25881	1.25881	1.08929
2076	2.92763	1.25895	1.25895	1.06219
2077	3.02629	1.34111	1.34111	1.14414
2078	2.99864	1.26038	1.26038	1.08774
2079	2.92128	1.29733	1.29733	0.98349
2080	2.96909	1.30552	1.30552	0.99193
2081	2.95929	1.30657	1.30657	0.99546
2082	3.01905	1.33824	1.33824	1.20495
2083	3.01517	1.25822	1.25822	1.18312
2084	2.99034	1.25948	1.25948	1.18433
2085	2.99279	1.25788	1.25788	1.18875
2086	3.03531	0.97857	0.97857	1.06699
2087	3.02353	0.9682	0.9682	1.03264
2088	3.02641	0.96436	0.96436	1.03324
2089	2.87992	0.94984	0.94984	1.00433
2090	2.89421	0.90424	0.90424	0.9147

2091	2.844	0.88777	0.88777	0.86231
2092	2.87011	0.88587	0.88587	0.86929
2093	2.81926	0.8195	0.8195	0.81292
2094	2.81592	0.83187	0.83187	0.83254
2095	2.84727	0.85452	0.85452	0.88592
2096	2.91016	0.88662	0.88662	1.07904
2097	2.88935	0.84779	0.84779	0.98403
2098	2.89256	0.87573	0.87573	0.93676
2099	2.86227	0.9367	0.9367	0.92623
2100	2.86615	0.92397	0.92397	0.91066
2101	2.90027	0.89087	0.89087	0.89964
2102	3.0863	1.33722	1.33722	1.22667
2103	3.08604	1.35802	1.35802	1.27078
2104	3.04415	1.3561	1.3561	1.19304
2105	3.0318	1.35613	1.35613	1.19607
2106	3.0335	1.35947	1.35947	1.21046
2107	3.02158	1.35891	1.35891	1.20854
2108	3.01252	1.35869	1.35869	1.20501
2109	3.00161	1.35834	1.35834	1.20089
2110	3.01081	1.35791	1.35791	1.21067
2111	2.89283	1.35667	1.35667	1.12767
2112	2.81931	1.3556	1.3556	1.12565
2113	2.90979	1.1046	1.1046	0.96381
2114	2.94236	1.10504	1.10504	1.01625
2115	2.94999	0.89254	0.89254	0.96917
2116	2.94287	0.83898	0.83898	0.8811
2117	2.81226	0.78304	0.78304	0.78459
2118	2.74374	0.70699	0.70699	0.66395
2119	2.73656	0.69609	0.69609	0.66487
2120	2.79216	0.7753	0.7753	0.77829
2121	3.0683	1.33848	1.33848	1.24694
2122	3.06862	0.9661	0.9661	1.04829
2123	3.05973	0.95297	0.95297	1.05146
2124	2.95012	0.91826	0.91826	0.99604
2125	2.87978	0.87458	0.87458	0.93289
2126	2.8747	0.83428	0.83428	0.87426
2127	3.07634	1.33927	1.33927	1.26546
2128	2.85237	1.16934	1.16934	0.88337
2129	2.80161	1.37975	1.37975	1.24027
2130	2.64701	1.37723	1.37723	1.22435
2131	2.84637	1.16744	1.16744	0.79193

2132	2.78075	0	0	0
2133	2.7438	0.82399	0.82399	0.79908
2134	2.67876	1.27508	1.27508	0.98513
2135	2.75016	0.83897	0.83897	0.8464
2136	2.71802	0	0	0
2137	2.70186	0.75893	0.75893	0.78263
2138	2.72872	0.87243	0.87243	1.09203
2139	2.84065	0.96252	0.96252	1.15689
2140	2.75139	0.94381	0.94381	1.14353
2141	2.63756	0.82621	0.82621	1.10671
2142	2.49739	0.82935	0.82935	0.82431
2143	2.47482	0	0	0
2144	2.70043	0.92187	0.92187	1.13735
2145	2.48736	0.79471	0.79471	1.03716
2146	2.44367	0.79336	0.79336	1.00626
2147	2.41766	0.81424	0.81424	0.99274
2148	2.41272	0.84828	0.84828	0.9921
2149	2.43463	0.87823	0.87823	1.05244
2150	2.43383	0.96027	0.96027	1.07247
2151	2.44889	0.97596	0.97596	1.07963
2152	2.51485	0.99301	0.99301	1.1041
2153	2.63924	1.28625	1.28625	1.22767
2154	2.58138	1.00798	1.00798	1.11745
2155	2.63018	1.28412	1.28412	1.22389
2156	2.39785	0.88119	0.88119	0.89294
2157	2.38334	0.82736	0.82736	0.80665
2158	2.38214	0	0	0
2159	3.02695	1.34343	1.34343	1.14829
2160	3.01693	1.34344	1.34344	1.13988
2161	3.07179	0.93677	0.93677	1.0462
2162	3.0765	1.34222	1.34222	1.26739
2163	3.07595	1.34018	1.34018	1.27066
2164	3.06138	1.34026	1.34026	1.26984
2165	3.03271	1.34269	1.34269	1.28578
2166	2.99084	1.33549	1.33549	1.26777
2167	2.99265	1.32085	1.32085	1.18436
2168	2.99464	0.9379	0.9379	1.03258
2169	2.97265	0.92042	0.92042	1.00371
2170	2.99234	1.32158	1.32158	1.18242
2171	3.03993	1.33519	1.33519	1.16684
2172	3.02091	1.33528	1.33528	1.16443

2173	2.9694	1.33314	1.33314	1.13819
2174	2.96365	0.91881	0.91881	0.99124
2175	2.85368	0.82843	0.82843	0.85211
2176	2.79028	0.74406	0.74406	0.75564
2177	2.98742	1.34593	1.34593	1.13317
2178	2.91085	1.33372	1.33372	1.12446
2179	2.87498	1.34363	1.34363	0.89682
2180	2.92862	1.34293	1.34293	1.11232
2181	2.93449	1.34605	1.34605	1.12171
2182	2.66756	0.94657	0.94657	0.89083
2183	2.92588	0.71588	0.71588	0.77655
2184	2.87478	1.17413	1.17413	0.95795
2185	3.03768	0.90035	0.90035	0.94651
2186	3.05835	0.89538	0.89538	0.9398
2187	3.09721	1.18392	1.18392	1.06827
2188	3.10094	1.18227	1.18227	1.07317
2189	3.13686	1.18386	1.18386	1.0889
2190	3.15465	1.11503	1.11503	1.17989
2191	2.98062	1.10617	1.10617	1.14686
2192	3.14509	0.84821	0.84821	0.88735
2193	3.16988	1.08402	1.08402	1.21233
2194	3.19365	1.08499	1.08499	1.19439
2195	3.26299	1.41447	1.41447	1.38962
2196	3.29321	1.41475	1.41475	1.39369
2197	3.31159	1.41658	1.41658	1.37615
2198	3.35351	0.74848	0.74848	0.74679
2199	2.9689	0	0	0
2200	2.82649	0.96068	0.96068	0.94534
2201	2.83722	1.08344	1.08344	1.07882
2202	2.81285	1.03604	1.03604	1.10224
2203	2.81951	1.02767	1.02767	1.11159
2204	2.81937	1.01105	1.01105	1.12799
2205	2.84905	1.00497	1.00497	1.13871
2206	2.84261	0.99811	0.99811	1.14452
2207	2.85179	0.98761	0.98761	1.10724
2208	2.86901	0.98527	0.98527	1.11327
2209	2.9607	0.99067	0.99067	1.13041
2210	3.0113	0.61665	0.61665	0.96841
2211	2.90306	0.91157	0.91157	0.99342
2212	2.91099	0.92789	0.92789	1.09969
2213	2.8226	0.89141	0.89141	0.95409

2214	2.82475	0.78082	0.78082	0.78178
2215	2.68978	0	0	0
2216	2.69569	0.7771	0.7771	0.76425
2217	2.58775	0	0	0
2218	2.67741	0	0	0
2219	2.66319	0.84005	0.84005	0.85096
2220	2.62896	0	0	0
2221	2.66992	0	0	0
2222	2.74552	0	0	0
2223	2.68241	1.07549	1.07549	0.89689
2224	2.71559	1.07583	1.07583	0.86446
2225	2.72357	0.71771	0.71771	0.71224
2226	2.67491	0.36319	0.36319	0.4974
2227	2.8096	0.83103	0.83103	0.99664
2228	2.79102	0.73732	0.73732	0.97646
2229	2.94963	1.07145	1.07145	1.16787
2230	2.9907	1.14384	1.14384	1.24241
2231	2.9268	1.14025	1.14025	1.23454
2232	2.8807	1.13625	1.13625	1.22642
2233	2.88077	1.1323	1.1323	1.21402
2234	2.80885	1.12739	1.12739	1.19885
2235	2.78217	1.12342	1.12342	1.19187
2236	2.73961	1.11881	1.11881	1.17751
2237	2.92008	0.6551	0.6551	0.48377
2238	2.9002	0	0	0
2239	3.04214	0.6072	0.6072	0.83586
2240	2.97886	1.0945	1.0945	1.23632
2241	2.9302	1.08923	1.08923	1.2219
2242	2.83876	0.87146	0.87146	0.93238
2243	2.91226	0.7454	0.7454	0.77628
2244	2.8995	0.906	0.906	0.96521
2245	2.88748	0.50788	0.50788	0.73643
2246	2.92354	0.71359	0.71359	0.82109
2247	2.99362	1.09659	1.09659	1.17595
2248	2.94857	0.86659	0.86659	0.87783
2249	2.93624	1.0846	1.0846	1.15656
2250	2.97771	1.14139	1.14139	1.28635
2251	2.97157	1.09388	1.09388	1.25878
2252	2.90324	1.08443	1.08443	1.24982
2253	2.91091	1.05341	1.05341	1.2311
2254	2.83984	1.04609	1.04609	1.22787

2255	2.81227	1.0404	1.0404	1.23186
2256	2.80506	1.03169	1.03169	1.22994
2257	2.79509	1.02766	1.02766	1.22969
2258	2.78866	1.01641	1.01641	1.22086
2259	2.65557	0	0	0
2260	2.67576	0.79804	0.79804	0.8907
2261	2.7084	1.00831	1.00831	1.22097
2262	2.72295	1.01032	1.01032	1.21902
2263	2.73024	1.03055	1.03055	1.22409
2264	2.70535	1.0178	1.0178	1.12791
2265	2.69878	0.99799	0.99799	1.22986
2266	2.68785	0.96942	0.96942	1.23437
2267	2.67542	0.85767	0.85767	1.19484
2268	2.63303	0.40793	0.40793	0.59496
2269	2.66108	0.86082	0.86082	1.19391
2270	2.6561	0.86695	0.86695	1.1921
2271	2.65967	0.88814	0.88814	1.19139
2272	2.64858	0.90085	0.90085	1.17546
2273	2.65738	0.90752	0.90752	0.9218
2274	2.67967	0.98112	0.98112	1.19817
2275	2.68086	1.00081	1.00081	1.20248
2276	2.70305	1.01265	1.01265	1.01225
2277	2.71274	1.01049	1.01049	1.20933
2278	2.78626	1.09182	1.09182	1.21951
2279	2.77215	1.04507	1.04507	1.17922
2280	2.73788	0.70654	0.70654	0.63319
2281	2.79253	1.10363	1.10363	1.21904
2282	2.79393	1.09489	1.09489	1.22366
2283	2.80217	1.10747	1.10747	1.22732
2284	2.82829	1.11265	1.11265	1.22565
2285	2.82734	1.11145	1.11145	1.23697
2286	2.88927	1.11838	1.11838	1.23006
2287	2.86138	1.11488	1.11488	1.22824
2288	2.9023	1.07177	1.07177	1.14543
2289	2.91798	1.12051	1.12051	1.22761
2290	2.87121	1.08743	1.08743	1.14421
2291	2.87554	1.08066	1.08066	1.14812
2292	2.828	1.07465	1.07465	1.15048
2293	2.86478	1.11937	1.11937	1.19783
2294	2.85975	1.09137	1.09137	1.16014
2295	2.89568	1.1235	1.1235	1.19679

2296	2.96972	1.28866	1.28866	1.17085
2297	2.9748	1.29242	1.29242	1.30362
2298	2.98257	1.29162	1.29162	1.29083
2299	2.98062	1.21492	1.21492	1.24299
2300	2.97592	1.12788	1.12788	1.20456
2301	2.73483	0.99901	0.99901	1.09534
2302	2.73896	0.84154	0.84154	0.86658
2303	2.75862	1.00984	1.00984	1.11033
2304	2.60976	0	0	0
2305	2.71466	0.92424	0.92424	0.9877
2306	2.63081	0.88875	0.88875	0.92768
2307	2.55669	0.83107	0.83107	0.83657
2308	2.5266	0	0	0
2309	2.61545	0.95282	0.95282	1.00315
2310	2.56025	0.92972	0.92972	0.97429
2311	2.5578	0.8332	0.8332	0.83828
2312	2.49632	0	0	0
2313	2.53004	0.83605	0.83605	0.91102
2314	2.53251	0.8112	0.8112	0.91383
2315	2.46415	0	0	0
2316	2.54852	0.84527	0.84527	0.93864
2317	2.60797	0.88255	0.88255	0.98185
2318	2.64623	0.90914	0.90914	1.01075
2319	2.83969	1.19139	1.19139	1.23999
2320	2.85551	1.1889	1.1889	1.24678
2321	2.82781	1.18677	1.18677	1.24976
2322	2.80394	1.18427	1.18427	1.25106
2323	2.8143	1.16948	1.16948	1.23816
2324	2.75648	1.16673	1.16673	1.21224
2325	2.76465	1.15605	1.15605	1.2004
2326	2.76474	1.15313	1.15313	1.20882
2327	2.76655	1.14973	1.14973	1.22106
2328	2.76544	1.14774	1.14774	1.22707
2329	2.75787	1.14708	1.14708	1.23226
2330	2.79294	1.15501	1.15501	1.26663
2331	2.78926	1.15379	1.15379	1.26762
2332	2.78058	1.12841	1.12841	1.23975
2333	2.77632	1.1013	1.1013	1.16452
2334	2.68706	0.91325	0.91325	1.14426
2335	2.77538	1.10421	1.10421	1.24787
2336	2.77959	1.10595	1.10595	1.21417

2337	2.82357	1.10509	1.10509	1.25512
2338	2.61863	0.82913	0.82913	0.84329
2339	2.58101	0	0	0
2340	2.91803	0.95638	0.95638	1.06205
2341	2.85739	0.9453	0.9453	1.02212
2342	3.03519	0.91929	0.91929	1.07153
2343	3.01496	0.95407	0.95407	1.19428
2344	3.01779	1.08004	1.08004	1.24055
2345	3.01367	1.10515	1.10515	1.22182
2346	3.01504	1.11229	1.11229	1.24319
2347	3.02199	1.00878	1.00878	1.12889
2348	2.86101	1.07531	1.07531	1.16656
2349	2.77657	1.06726	1.06726	1.15259
2350	2.7743	1.03156	1.03156	1.08817
2351	2.64283	0.96444	0.96444	1.04403
2352	2.58485	0.94614	0.94614	1.02093
2353	2.50899	0.92235	0.92235	0.98576
2354	2.50424	0.82617	0.82617	0.8183
2355	2.49768	0	0	0
2356	2.62204	0	0	0
2357	2.67946	0.83992	0.83992	0.8519
2358	2.49808	0.84461	0.84461	0.92385
2359	2.50129	0.86499	0.86499	0.92652
2360	2.50411	0.89008	0.89008	0.92664
2361	2.44116	0.82455	0.82455	0.81269
2362	2.42934	0	0	0
2363	2.47678	0.56358	0.56358	0.57977
2364	2.49581	0.82696	0.82696	0.76986
2365	2.51919	0.88119	0.88119	0.84804
2366	2.54348	0.91386	0.91386	0.89208
2367	2.5223	0.9143	0.9143	0.95377
2368	2.54781	0	0	0
2369	2.59757	0.83468	0.83468	0.83374
2370	2.59203	0.96993	0.96993	1.0332
2371	2.5906	0.99394	0.99394	1.06506
2372	2.58968	1.03197	1.03197	1.10517
2373	2.64376	1.04083	1.04083	1.12474
2374	2.5135	0	0	0
2375	2.63424	0.99954	0.99954	1.07698
2376	2.56535	0.98534	0.98534	1.05104
2377	2.51743	0.96967	0.96967	1.02622

2378	2.40937	0	0	0
2379	2.44623	0.82561	0.82561	0.80801
2380	2.46813	0.88095	0.88095	0.89083
2381	2.44373	0.87868	0.87868	0.88251
2382	2.42928	0.82417	0.82417	0.80294
2383	2.38263	0	0	0
2384	2.54357	0	0	0
2385	2.44433	0.20468	0.20468	0.31922
2386	2.56712	0.85613	0.85613	0.88138
2387	2.56737	1.00204	1.00204	1.1031
2388	2.56658	1.02356	1.02356	1.1332
2389	2.49713	0.96231	0.96231	1.03197
2390	2.49738	0.94823	0.94823	1.01026
2391	2.44853	0.92838	0.92838	0.97358
2392	2.39007	0.90222	0.90222	0.926
2393	2.37032	0.86884	0.86884	0.87074
2394	2.36171	0.81467	0.81467	0.78816
2395	2.31432	0	0	0
2396	2.50364	0.82401	0.82401	0.82191
2397	2.46403	0	0	0
2398	2.66266	0	0	0
2399	2.57702	1.02984	1.02984	1.13536
2400	2.60473	1.03525	1.03525	1.13302
2401	2.59693	0.8663	0.8663	1.05917
2402	2.65126	1.04022	1.04022	1.06186
2403	2.61602	1.03338	1.03338	1.04872
2404	2.66457	0.94791	0.94791	1.16754
2405	2.66192	0.88303	0.88303	1.11699
2406	2.63811	0.86689	0.86689	1.10703
2407	2.64955	0.90951	0.90951	1.08788
2408	2.64805	0.8681	0.8681	1.09976
2409	2.54709	0	0	0
2410	2.64552	0.93248	0.93248	1.0815
2411	2.6481	0.94924	0.94924	1.07656
2412	2.64811	0.962	0.962	1.07293
2413	2.64612	0.98816	0.98816	1.03965
2414	2.64281	0.97464	0.97464	1.07489
2415	2.66675	1.00922	1.00922	1.06484
2416	2.5963	0.82156	0.82156	0.77179
2417	2.70883	1.01716	1.01716	1.07203
2418	2.73398	1.02419	1.02419	1.0801

2419	2.55298	0.63261	0.63261	0.89578
2420	2.58747	0.77412	0.77412	0.90121
2421	2.53533	0.54943	0.54943	0.84886
2422	2.52314	0.43356	0.43356	0.81831
2423	2.54551	0.76721	0.76721	0.81959
2424	2.64398	0.82466	0.82466	0.87064
2425	2.70041	0.86002	0.86002	0.90729
2426	2.94077	1.00242	1.00242	1.12436
2427	2.87228	0.99516	0.99516	1.11177
2428	2.82144	0.98871	0.98871	1.10637
2429	2.8018	0.95314	0.95314	1.07484
2430	2.76966	0.94174	0.94174	1.05554
2431	2.72088	0.9269	0.9269	1.03213
2432	2.66664	0.9113	0.9113	1.01501
2433	2.61555	0.89605	0.89605	1.00744
2434	2.56308	0.87642	0.87642	0.99948
2435	2.53072	0.85475	0.85475	1.0028
2436	2.5304	0.82568	0.82568	1.02198
2437	2.60189	0.83913	0.83913	0.964
2438	2.58381	0.83796	0.83796	1.03831
2439	2.59218	0.80865	0.80865	1.04302
2440	2.60531	0.7907	0.7907	1.05432
2441	2.63293	0.79925	0.79925	1.0684
2442	2.65408	0.82348	0.82348	1.0732
2443	2.70751	0.856	0.856	1.07848
2444	2.76573	1.11528	1.11528	1.1136
2445	2.77429	1.11261	1.11261	1.14217
2446	2.71471	1.11282	1.11282	1.19458
2447	2.73737	1.11195	1.11195	1.1617
2448	2.71479	1.11236	1.11236	1.20685
2449	2.5544	0.85827	0.85827	0.98023
2450	2.54068	0.88187	0.88187	0.99228
2451	2.54482	0.90086	0.90086	1.00937
2452	2.55657	0.91728	0.91728	1.01972
2453	2.73734	1.12585	1.12585	1.25046
2454	2.76085	1.12741	1.12741	1.25947
2455	2.60975	0.79587	0.79587	1.01643
2456	2.78295	1.13479	1.13479	1.27333
2457	2.77029	1.12858	1.12858	1.26419
2458	2.62344	0.92561	0.92561	1.01972
2459	2.5425	0.89013	0.89013	0.95663

2460	2.44548	0.83514	0.83514	0.82308
2461	2.42049	0	0	0
2462	2.87455	1.2024	1.2024	1.23291
2463	2.87119	1.20166	1.20166	1.26842
2464	2.86031	1.20106	1.20106	1.27137
2465	2.71723	0.84813	0.84813	1.02379
2466	2.70513	1.04184	1.04184	1.06874
2467	2.70544	1.04163	1.04163	1.12339
2468	2.62423	1.03252	1.03252	1.10031
2469	2.56087	1.02303	1.02303	1.0769
2470	2.55831	1.01406	1.01406	1.06189
2471	2.48663	1.00213	1.00213	1.03624
2472	2.47098	0.99307	0.99307	1.0322
2473	2.42792	0.98092	0.98092	1.00832
2474	2.42935	0.95764	0.95764	0.95503
2475	2.38581	0.94003	0.94003	0.92284
2476	2.38916	0	0	0
2477	2.47124	0.82431	0.82431	0.81854
2478	2.42476	0	0	0
2479	2.53049	0.88221	0.88221	0.89799
2480	2.57308	0.9155	0.9155	0.95513
2481	2.50252	0.62419	0.62419	0.72442
2482	2.5318	0.65588	0.65588	0.78929
2483	2.55134	0.78188	0.78188	0.84295
2484	2.82795	1.14358	1.14358	1.24717
2485	2.85092	1.1859	1.1859	1.26941
2486	2.8573	1.19971	1.19971	1.27422
2487	2.79273	1.14099	1.14099	1.25991
2488	2.71561	1.06986	1.06986	1.18109
2489	2.71712	0.98564	0.98564	1.04317
2490	2.67133	1.0225	1.0225	1.13449
2491	2.67165	1.00734	1.00734	1.1182
2492	2.64563	0.99681	0.99681	1.10446
2493	2.64477	0.92003	0.92003	0.99262
2494	2.58556	0.8854	0.8854	0.93071
2495	2.54985	0.82933	0.82933	0.83795
2496	2.51387	0	0	0
2497	2.67647	0.97226	0.97226	1.01775
2498	2.66619	0.95783	0.95783	1.00264
2499	2.62936	0.93859	0.93859	0.99223
2500	2.54468	0.91307	0.91307	0.94345

2501	2.45454	0.8767	0.8767	0.86898
2502	2.43536	0.82198	0.82198	0.79044
2503	2.42734	0	0	0
2504	2.78773	1.12779	1.12779	1.28157
2505	2.78802	1.13013	1.13013	1.28402
2506	2.65646	0.82883	0.82883	0.85637
2507	2.65257	0.9144	0.9144	0.99075
2508	2.64591	0.95384	0.95384	1.04391
2509	2.55729	0	0	0
2510	2.58837	0	0	0
2511	2.55109	0	0	0
2512	2.64085	1.136	1.136	1.2306
2513	2.71536	1.13515	1.13515	1.25969
2514	2.75559	1.13273	1.13273	1.26504
2515	2.78313	1.13219	1.13219	1.27142
2516	2.7931	1.13169	1.13169	1.31726
2517	2.7917	1.13057	1.13057	1.30443
2518	2.64788	0.80941	0.80941	0.98158
2519	2.59537	0.73301	0.73301	0.95479
2520	2.56856	0.72595	0.72595	0.95764
2521	2.58108	0.79597	0.79597	0.95263
2522	2.57787	0.8331	0.8331	0.9416
2523	2.58345	0.8606	0.8606	0.94395
2524	2.60641	0.82734	0.82734	0.83987
2525	2.5417	0	0	0
2526	2.66128	1.02186	1.02186	1.19496
2527	2.649	1.00869	1.00869	1.19381
2528	2.59942	1.00104	1.00104	1.17397
2529	2.59025	0.86965	0.86965	0.95005
2530	2.5443	0	0	0
2531	2.55181	0.84359	0.84359	0.90433
2532	2.51929	0.8054	0.8054	0.8634
2533	2.4836	0.7388	0.7388	0.82067
2534	2.47154	0.69695	0.69695	0.80247
2535	2.47041	0.74357	0.74357	0.78785
2536	2.46868	0.79181	0.79181	0.79065
2537	2.45821	0.82755	0.82755	0.8229
2538	2.45071	0.98719	0.98719	1.06522
2539	2.44724	0.9597	0.9597	1.02219
2540	2.43275	0.87277	0.87277	0.88812
2541	2.42468	0.94391	0.94391	1.00444

2542	2.4154	0.81755	0.81755	0.79605
2543	2.37914	0	0	0
2544	2.36937	0.81518	0.81518	0.78487
2545	2.33669	0	0	0
2546	2.47964	0.99786	0.99786	1.0865
2547	2.50521	1.00973	1.00973	1.0728
2548	2.50136	1.007	1.007	1.09798
2549	2.51571	0	0	0
2550	2.55848	0.8238	0.8238	0.8352
2551	2.559	0.94359	0.94359	1.14028
2552	2.54099	0.93322	0.93322	1.1364
2553	2.56504	0.89305	0.89305	1.07519
2554	2.53846	0.87575	0.87575	1.06936
2555	2.49881	0.86541	0.86541	1.02444
2556	2.5096	0.82499	0.82499	1.01285
2557	2.50176	0.86444	0.86444	1.02812
2558	2.52979	0.69938	0.69938	0.82834
2559	2.48599	0.60995	0.60995	0.76164
2560	2.48453	0.74241	0.74241	0.76661
2561	2.51054	1.03896	1.03896	1.11602
2562	2.50781	1.01607	1.01607	1.07872
2563	2.53387	1.04416	1.04416	1.13317
2564	2.55745	1.04944	1.04944	1.14485
2565	2.46939	0.88922	0.88922	0.90403
2566	2.44723	0.85565	0.85565	0.8466
2567	2.44406	0.80009	0.80009	0.80838
2568	2.44768	0.75381	0.75381	0.8537
2569	2.44662	0.61912	0.61912	0.77427
2570	2.42887	0.53345	0.53345	0.81377
2571	2.44116	0.59468	0.59468	0.80814
2572	2.88664	1.28674	1.28674	1.15865
2573	2.91659	1.29122	1.29122	1.17573
2574	2.87197	1.28728	1.28728	1.14492
2575	2.87333	1.28706	1.28706	1.15707
2576	2.87025	1.27822	1.27822	1.09367
2577	2.89307	1.28814	1.28814	1.16957
2578	2.75728	0.94339	0.94339	1.05314
2579	2.75812	0.95941	0.95941	1.06297
2580	2.75671	0.97801	0.97801	1.0595
2581	2.77979	1.28291	1.28291	1.26479
2582	2.9612	1.28323	1.28323	1.22984

2583	3.02525	1.28262	1.28262	1.25158
2584	2.9204	1.28143	1.28143	1.15793
2585	2.76801	0.84225	0.84225	0.84625
2586	2.7096	0	0	0
2587	2.90406	0	0	0
2588	2.80983	0.83312	0.83312	0.85074
2589	2.70741	0.92721	0.92721	1.00143
2590	2.72758	0.88816	0.88816	0.92491
2591	2.69351	0.94845	0.94845	1.00677
2592	2.67992	0.96455	0.96455	1.00081
2593	2.70528	1.10545	1.10545	1.06188
2594	2.70652	1.08571	1.08571	1.03612
2595	2.70471	0.978	0.978	0.9752
2596	2.60576	0.61794	0.61794	0.8174
2597	2.66233	0.72558	0.72558	0.87989
2598	2.76273	0.81185	0.81185	0.94793
2599	2.79823	0.99195	0.99195	1.13714
2600	2.71141	0.97809	0.97809	1.10034
2601	2.59112	0.96021	0.96021	1.04904
2602	2.55568	0.9394	0.9394	1.04243
2603	2.59372	0.82737	0.82737	0.93162
2604	2.48666	0.50853	0.50853	0.71132
2605	2.59279	0.7772	0.7772	0.89428
2606	2.52076	0.58771	0.58771	0.82704
2607	2.48166	0.57185	0.57185	0.79462
2608	2.54166	0	0	0
2609	2.54751	0.77405	0.77405	0.84659
2610	2.79817	1.15801	1.15801	1.0759
2611	2.75443	1.15159	1.15159	1.06327
2612	2.78553	1.15155	1.15155	1.10278
2613	2.74442	1.15116	1.15116	1.12398
2614	2.63727	1.14864	1.14864	1.12191
2615	2.69361	1.15058	1.15058	1.14369
2616	2.73869	1.03547	1.03547	1.01154
2617	2.7115	1.02933	1.02933	1.00196
2618	2.6771	1.02199	1.02199	0.99786
2619	2.89807	0.94845	0.94845	1.11691
2620	2.88832	1.07664	1.07664	1.27479
2621	2.86944	0.92997	0.92997	0.99245
2622	2.71949	0.89299	0.89299	0.92263
2623	2.60727	0.83454	0.83454	0.82851

2624	2.57505	0	0	0
2625	2.67535	0	0	0
2626	2.7368	0.83838	0.83838	0.8532
2627	2.90134	0.94249	0.94249	1.11901
2628	2.92529	0.97336	0.97336	1.12812
2629	2.98628	0.9829	0.9829	1.13944
2630	2.77358	1.04983	1.04983	1.24624
2631	2.74178	1.04613	1.04613	1.24242
2632	2.72825	1.08784	1.08784	1.25599
2633	2.72626	1.04492	1.04492	1.24452
2634	2.68611	1.1427	1.1427	1.21777
2635	2.67919	1.11371	1.11371	1.24708
2636	2.64256	1.14703	1.14703	1.21261
2637	2.61097	1.14956	1.14956	1.21134
2638	2.61987	1.15073	1.15073	1.22211
2639	2.6699	1.15995	1.15995	1.24965
2640	2.74067	1.23881	1.23881	1.2052
2641	2.76352	1.24078	1.24078	1.19055
2642	2.79414	1.25274	1.25274	1.20415
2643	2.82726	1.2527	1.2527	1.18423
2644	2.54249	0.84744	0.84744	0.83117
2645	2.51016	0	0	0
2646	2.57836	1.06839	1.06839	1.05158
2647	2.57632	1.07445	1.07445	1.05979
2648	2.58367	1.08506	1.08506	1.1085
2649	2.52545	0	0	0
2650	2.54176	0.81177	0.81177	0.92072
2651	2.53767	0.86913	0.86913	0.95775
2652	2.57218	1.06521	1.06521	1.05355
2653	2.59817	1.07902	1.07902	1.15816
2654	2.57922	1.06466	1.06466	1.0575
2655	2.541	0.92626	0.92626	1.07534
2656	2.54369	0.92679	0.92679	1.07431
2657	2.54932	0.93092	0.93092	1.06521
2658	2.53553	0.93353	0.93353	1.07911
2659	2.52136	0.67475	0.67475	0.9093
2660	2.57229	0.94161	0.94161	1.09701
2661	2.60149	0.9523	0.9523	1.10414
2662	2.61009	0.96082	0.96082	1.10137
2663	2.63378	0.87831	0.87831	1.10727
2664	2.64174	0.8981	0.8981	1.11094

2665	2.63063	0.91136	0.91136	1.10647
2666	2.61649	0.96331	0.96331	1.12208
2667	2.61583	0.97827	0.97827	1.12586
2668	2.81081	1.15106	1.15106	1.23118
2669	2.70877	1.13514	1.13514	1.18998
2670	2.51381	0.83866	0.83866	0.83305
2671	2.4823	0	0	0
2672	2.55325	0.44642	0.44642	0.60174
2673	2.57888	0.94033	0.94033	0.95259
2674	2.55308	0.95094	0.95094	0.92523
2675	2.55211	0.97958	0.97958	0.97037
2676	2.48187	0.61137	0.61137	0.83563
2677	2.47883	0.78134	0.78134	0.79235
2678	2.48997	0.84161	0.84161	0.74607
2679	2.53373	0.87831	0.87831	0.77221
2680	2.57855	0.90581	0.90581	0.91572
2681	2.58831	0.94846	0.94846	0.9574
2682	2.57914	0.96752	0.96752	0.97456
2683	2.67798	0.97557	0.97557	0.96675
2684	2.61275	0.90698	0.90698	0.90556
2685	2.48937	0	0	0
2686	2.49355	0	0	0
2687	2.5648	0.84565	0.84565	0.84021
2688	2.67939	0.89012	0.89012	0.88886
2689	2.87343	0.85935	0.85935	0.90827
2690	2.65227	1.16662	1.16662	1.26299
2691	2.65282	1.21279	1.21279	1.2458
2692	2.64097	1.21346	1.21346	1.24157
2693	2.62668	1.21348	1.21348	1.22883
2694	2.5729	0	0	0
2695	2.56749	0.84052	0.84052	0.84058
2696	2.55387	0.98567	0.98567	1.07246
2697	2.42094	0	0	0
2698	2.43665	0.83454	0.83454	0.80891
2699	2.48354	0.88996	0.88996	0.92418
2700	2.49793	0.92637	0.92637	0.96504
2701	2.62191	1.10158	1.10158	1.17621
2702	2.7481	1.14032	1.14032	1.28823
2703	2.68573	1.15024	1.15024	1.25518
2704	2.66042	1.1648	1.1648	1.27173
2705	2.58169	0.91377	0.91377	0.92909

2706	2.50592	0.89105	0.89105	0.84077
2707	2.53057	0.87114	0.87114	0.81286
2708	2.63403	0.84415	0.84415	0.83095
2709	2.65387	1.00903	1.00903	1.13755
2710	2.67712	1.00941	1.00941	1.16158
2711	2.67434	1.01589	1.01589	1.1447
2712	2.58129	0	0	0
2713	2.56692	0.82591	0.82591	0.82358
2714	2.56528	0.88233	0.88233	0.92151
2715	2.55744	0.93792	0.93792	1.0215
2716	2.54934	0.99164	0.99164	1.08767
2717	2.54155	0	0	0
2718	2.45996	0.87432	0.87432	0.87128
2719	2.81148	1.13517	1.13517	1.23073
2720	2.84825	1.10916	1.10916	1.17177
2721	2.91911	1.10092	1.10092	1.16924
2722	2.89762	0.83331	0.83331	0.89528
2723	2.77553	0.79619	0.79619	0.86287
2724	2.74567	0.7701	0.7701	0.90069
2725	2.74088	0.87415	0.87415	0.89907
2726	2.73367	0.81859	0.81859	0.82696
2727	2.65513	0.64559	0.64559	0.67713
2728	2.82936	0.84282	0.84282	0.96076
2729	2.83024	0.87638	0.87638	0.98917
2730	2.59723	0	0	0
2731	2.90972	1.25159	1.25159	1.20584
2732	3.0037	1.24868	1.24868	1.21057
2733	2.59436	0.87235	0.87235	0.85853
2734	2.61737	0.83916	0.83916	0.84581
2735	2.59908	0	0	0
2736	2.62911	0.78888	0.78888	0.87831
2737	2.67813	0.85312	0.85312	0.94378
2738	2.66201	0.21692	0.21692	0.27337
2739	2.70383	1.0011	1.0011	0.95017
2740	2.68393	1.04684	1.04684	0.98905
2741	2.66445	1.09598	1.09598	1.04034
2742	2.72231	0.98909	0.98909	0.95598
2743	2.63327	0.93337	0.93337	0.98349
2744	2.56081	0.89605	0.89605	0.91699
2745	2.49282	0.83673	0.83673	0.81028
2746	2.44642	0	0	0

2747	2.53172	1.0321	1.0321	1.1079
2748	2.53256	1.051	1.051	1.14437
2749	2.50354	1.02144	1.02144	1.09456
2750	2.48864	1.01162	1.01162	1.08503
2751	2.46712	1.0006	1.0006	1.07369
2752	2.43749	0.98767	0.98767	1.04875
2753	2.31117	0	0	0
2754	2.30048	0.81995	0.81995	0.74907
2755	2.33525	0.87733	0.87733	0.85669
2756	2.37682	0.91348	0.91348	0.92221
2757	2.37782	0.82836	0.82836	0.78668
2758	2.40096	0.93877	0.93877	0.96505
2759	2.38045	0	0	0
2760	2.47392	0	0	0
2761	2.48177	0.83861	0.83861	0.81389
2762	2.62901	0.89233	0.89233	0.78733
2763	2.6807	0.93889	0.93889	1.21179
2764	2.63156	0.92118	0.92118	1.21619
2765	2.6037	0.90133	0.90133	1.22614
2766	2.57961	0.87675	0.87675	1.22555
2767	2.58462	0.87759	0.87759	1.23039
2768	2.59013	0.88786	0.88786	1.22959
2769	2.61125	0.91485	0.91485	1.24171
2770	2.58722	1.07762	1.07762	1.17772
2771	2.51255	1.06758	1.06758	1.15448
2772	2.47815	1.06248	1.06248	1.15885
2773	2.44798	0.8226	0.8226	0.81356
2774	2.44923	1.05792	1.05792	1.16484
2775	2.38769	0	0	0
2776	2.62226	0	0	0
2777	2.66688	0.83219	0.83219	0.86747
2778	2.68779	0.88842	0.88842	0.96571
2779	2.63896	0.97647	0.97647	1.10433
2780	2.42578	0.82055	0.82055	0.80459
2781	2.42374	0.99069	0.99069	1.0791
2782	2.42121	1.04345	1.04345	1.14448
2783	2.37533	0	0	0
2784	2.36895	0.95514	0.95514	1.0135
2785	2.34314	0.93882	0.93882	0.98446
2786	2.31907	0.9188	0.9188	0.95274
2787	2.30124	0.89485	0.89485	0.90916

2788	2.28202	0.86083	0.86083	0.85253
2789	2.2621	0.80545	0.80545	0.76038
2790	2.25269	0	0	0
2791	2.39491	0.96759	0.96759	1.01926
2792	2.39172	0.95604	0.95604	1.00642
2793	2.3704	0.94004	0.94004	0.98586
2794	2.32909	0.91797	0.91797	0.94694
2795	2.31913	0.89561	0.89561	0.91421
2796	2.28715	0.86184	0.86184	0.85593
2797	2.26196	0.80595	0.80595	0.75712
2798	2.25555	0	0	0
2799	2.62326	0.98997	0.98997	1.09434
2800	2.63802	1.0025	1.0025	1.09654
2801	2.60031	1.06252	1.06252	1.18708
2802	2.64532	1.07024	1.07024	1.18662
2803	2.83981	1.07315	1.07315	1.28535
2804	2.54952	1.07955	1.07955	1.11045
2805	2.56371	1.09303	1.09303	1.15699
2806	2.60648	1.09822	1.09822	1.17449
2807	2.52822	0.93056	0.93056	1.09788
2808	2.5192	0.91718	0.91718	1.09515
2809	2.50529	0.90489	0.90489	1.09378
2810	2.502	0.89233	0.89233	1.09625
2811	2.50055	0.87875	0.87875	1.09641
2812	2.49738	0.86726	0.86726	1.09122
2813	2.50218	0.86	0.86	1.09487
2814	2.51304	0.84514	0.84514	1.10006
2815	2.55392	0.8678	0.8678	1.11948
2816	2.60465	1.08274	1.08274	1.16206
2817	2.60147	1.07895	1.07895	1.16224
2818	2.65752	1.08397	1.08397	1.21877
2819	2.5024	0	0	0
2820	2.63408	1.06913	1.06913	1.25636
2821	2.64716	1.05983	1.05983	1.21244
2822	2.63229	1.07092	1.07092	1.25955
2823	2.61002	1.08202	1.08202	1.25778
2824	2.62233	1.07234	1.07234	1.24604
2825	2.61751	1.10158	1.10158	1.24679
2826	2.64432	1.11774	1.11774	1.26546
2827	2.60053	1.1475	1.1475	1.11459
2828	2.60703	1.09762	1.09762	1.24235

2829	2.53404	0.95744	0.95744	0.99636
2830	2.51599	1.05498	1.05498	1.15556
2831	2.46974	0.98872	0.98872	1.05583
2832	2.46959	1.04499	1.04499	1.14536
2833	2.41239	0.9596	0.9596	0.99769
2834	2.41744	0.75824	0.75824	0.71731
2835	2.4167	0.08721	0.08721	0.13843
2836	2.41161	0.75802	0.75802	0.72998
2837	2.41941	0.94615	0.94615	0.98868
2838	2.4168	0	0	0
2839	2.39658	0.94066	0.94066	0.97239
2840	2.39548	0.30488	0.30488	0.46266
2841	2.36073	0.88243	0.88243	0.88277
2842	2.35964	0.91449	0.91449	0.93228
2843	2.31037	0	0	0
2844	2.33112	0.82514	0.82514	0.78625
2845	2.33101	0.21316	0.21316	0.33842
2846	2.33673	0.75298	0.75298	0.69404
2847	2.39914	0	0	0
2848	2.41072	0.9135	0.9135	0.93805
2849	2.41153	0.87837	0.87837	0.89022
2850	2.39741	0	0	0
2851	2.40104	0.82266	0.82266	0.77532
2852	2.41442	0.87976	0.87976	0.88496
2853	2.41568	0.95238	0.95238	1.0107
2854	2.36862	0.82143	0.82143	0.7827
2855	2.36418	0	0	0
2856	2.45629	0.97065	0.97065	1.03225
2857	2.5161	0.98704	0.98704	1.0754
2858	2.46051	0	0	0
2859	2.47116	0.82608	0.82608	0.8032
2860	2.534	0.88468	0.88468	0.9306
2861	2.50922	0.92549	0.92549	0.98604
2862	2.50906	0.88725	0.88725	0.96822
2863	2.55088	0.93381	0.93381	1.00134
2864	2.52264	0.9347	0.9347	0.98968
2865	2.45719	0	0	0
2866	2.6406	0.7472	0.7472	0.69589
2867	2.67904	0.55986	0.55986	0.56255
2868	2.61224	0.28739	0.28739	0.16844
2869	2.64747	0.67751	0.67751	0.6852

2870	2.69304	0.69206	0.69206	0.657
2871	2.69374	1.37525	1.37525	0.88435
2872	2.69373	1.37443	1.37443	1.03631
2873	2.70179	1.37342	1.37342	1.06132
2874	2.74794	1.37471	1.37471	1.08463
2875	2.66491	0.70405	0.70405	0.81668
2876	2.66563	0.85691	0.85691	0.96698
2877	2.58825	0.79135	0.79135	0.80749
2878	2.58638	0.82785	0.82785	0.85841
2879	2.6124	0.85912	0.85912	0.90744
2880	2.65336	0.88261	0.88261	0.95595
2881	2.66207	0.45336	0.45336	0.65678
2882	2.70196	0.8043	0.8043	0.77515
2883	2.79043	1.27985	1.27985	1.21214
2884	2.79522	1.28058	1.28058	1.1935
2885	2.79324	1.29693	1.29693	1.20187
2886	2.78723	1.2965	1.2965	1.21671
2887	2.78538	1.28111	1.28111	1.23105
2888	2.78204	1.28054	1.28054	1.23899
2889	2.78333	1.28115	1.28115	1.22857
2890	2.75458	0.92771	0.92771	1.07359
2891	2.76999	0.93892	0.93892	1.06177
2892	2.77169	0.94429	0.94429	1.06023
2893	2.75862	0.93973	0.93973	1.04929
2894	2.73211	0.92667	0.92667	0.93988
2895	2.73492	1.19332	1.19332	1.03968
2896	2.7037	1.09791	1.09791	1.02254
2897	2.68802	0.8428	0.8428	0.91788
2898	2.69271	0.89424	0.89424	0.93053
2899	2.65308	0.15427	0.15427	0.21994
2900	2.65534	0.77494	0.77494	0.75978
2901	2.66662	0.50938	0.50938	0.70336
2902	2.78746	1.27945	1.27945	1.25587
2903	2.7712	1.27786	1.27786	1.22644
2904	2.77009	1.27841	1.27841	1.22422
2905	2.77994	1.27955	1.27955	1.21437
2906	2.77658	1.27985	1.27985	1.21018
2907	2.74735	0.74825	0.74825	0.94817
2908	2.74762	0.91162	0.91162	1.0705
2909	2.63096	0.88601	0.88601	0.87142
2910	2.67765	0.56351	0.56351	0.71664

2911	2.666	0.78661	0.78661	0.9334
2912	2.64058	0.3549	0.3549	0.34151
2913	2.59502	0.8653	0.8653	0.78656
2914	2.57971	0.8406	0.8406	0.6302
2915	2.68284	1.18125	1.18125	0.56809
2916	2.64831	1.18882	1.18882	0.76817
2917	2.63916	1.18868	1.18868	0.88209
2918	2.6371	1.18714	1.18714	0.91694
2919	2.69941	1.18838	1.18838	0.95581
2920	2.67604	0.76474	0.76474	0.79617
2921	2.4964	0	0	0
2922	2.67289	1.10344	1.10344	1.07125
2923	2.65474	1.0992	1.0992	1.0703
2924	2.66253	1.09497	1.09497	1.13575
2925	2.63903	1.09612	1.09612	1.0821
2926	2.61533	1.04953	1.04953	1.02923
2927	2.66218	1.07476	1.07476	1.13569
2928	2.65898	1.09167	1.09167	1.13554
2929	2.63823	0.85475	0.85475	0.99303
2930	2.61759	0.81645	0.81645	0.98121
2931	2.61263	0.74693	0.74693	0.97957
2932	2.53712	0	0	0
2933	2.53366	0.88197	0.88197	0.91798
2934	2.5613	0.91541	0.91541	0.97203
2935	2.55932	0.15219	0.15219	0.19744
2936	2.48508	0	0	0
2937	2.65757	0.95221	0.95221	1.08361
2938	2.64185	0	0	0
2939	2.80387	1.24657	1.24657	1.35968
2940	2.78319	0.94527	0.94527	1.14745
2941	2.73796	0.9386	0.9386	1.12908
2942	2.70892	0.93346	0.93346	1.11298
2943	2.66807	0.94368	0.94368	1.08958
2944	2.78269	1.2807	1.2807	1.2624
2945	2.77532	1.1915	1.1915	1.2664
2946	2.80682	1.27828	1.27828	1.27962
2947	2.77425	1.18702	1.18702	1.23988
2948	2.76617	1.18988	1.18988	1.26715
2949	2.64273	1.04565	1.04565	1.0427
2950	2.61131	1.00952	1.00952	1.07902
2951	2.6031	1.03017	1.03017	1.10912

2952	2.59184	1.03847	1.03847	1.02293
2953	2.64265	0.83975	0.83975	1.08131
2954	2.63847	0.90359	0.90359	1.09983
2955	2.53432	0	0	0
2956	2.51656	0.82695	0.82695	0.83302
2957	2.48081	0	0	0
2958	2.73017	0.92343	0.92343	1.0339
2959	2.69889	0.9624	0.9624	1.06948
2960	2.6595	0.98696	0.98696	1.08829
2961	2.65705	1.02469	1.02469	1.15042
2962	2.58954	0.8016	0.8016	0.78743
2963	2.60383	0.89133	0.89133	0.87677
2964	2.46685	0	0	0
2965	2.54962	0.90484	0.90484	0.98867
2966	2.499	0.83897	0.83897	0.77198
2967	2.49278	0.88265	0.88265	0.91803
2968	2.4851	0.82758	0.82758	0.82947
2969	2.45372	0	0	0
2970	2.74234	1.18547	1.18547	1.23322
2971	2.71362	1.17269	1.17269	1.17135
2972	2.72268	1.18453	1.18453	1.23119
2973	2.70872	1.16562	1.16562	1.17933
2974	2.69177	1.17172	1.17172	1.20364
2975	2.59686	0.91255	0.91255	1.09076
2976	2.58623	0.99987	0.99987	1.06468
2977	2.53797	0.9155	0.9155	0.95361
2978	2.54165	0.94661	0.94661	0.97225
2979	2.54527	0.98996	0.98996	1.00396
2980	2.56902	0.90055	0.90055	0.98397
2981	2.605	0.90722	0.90722	1.039
2982	2.59921	0.90539	0.90539	1.00314
2983	2.57924	0.88919	0.88919	1.03255
2984	2.54675	0.86922	0.86922	1.0265
2985	2.57485	0.86869	0.86869	1.0436
2986	2.65965	1.16726	1.16726	1.21123
2987	2.69216	1.16523	1.16523	1.17411
2988	2.66664	0.88863	0.88863	0.95731
2989	2.62229	0.83229	0.83229	0.85305
2990	2.49289	0	0	0
2991	2.51593	0	0	0
2992	2.56026	0.82281	0.82281	0.83935

2993	2.57139	0.87862	0.87862	0.93283
2994	2.58876	0.912	0.912	0.98881
2995	2.57569	1.00546	1.00546	1.11675
2996	2.56118	1.05688	1.05688	1.12892
2997	2.51821	0.94808	0.94808	1.02792
2998	2.51969	0.82177	0.82177	0.83164
2999	2.45681	0	0	0
3000	2.44732	0.8713	0.8713	0.88219
3001	2.41745	0.81588	0.81588	0.79354
3002	2.39951	0	0	0
3003	2.6858	1.16691	1.16691	1.22773
3004	2.69518	1.13282	1.13282	1.21778
3005	2.69066	1.16362	1.16362	1.22664
3006	2.59519	1.06325	1.06325	1.13735
3007	2.72042	1.12739	1.12739	1.23398
3008	2.7571	1.12468	1.12468	1.24551
3009	2.83579	1.12979	1.12979	1.29356
3010	2.77666	1.12296	1.12296	1.24951
3011	2.83844	1.12983	1.12983	1.27958
3012	2.91128	1.16111	1.16111	1.35819
3013	2.8818	1.13268	1.13268	1.27734
3014	2.93426	1.18494	1.18494	1.3701
3015	2.93806	1.18304	1.18304	1.36004
3016	2.9375	1.18514	1.18514	1.3585
3017	2.991	1.23158	1.23158	1.41865
3018	3.00022	1.19183	1.19183	1.39794
3019	2.98038	1.18873	1.18873	1.37979
3020	2.54942	0.9372	0.9372	1.05123
3021	2.54964	0.97305	0.97305	1.06526
3022	2.47783	0.81986	0.81986	0.82322
3023	2.42916	0	0	0
3024	2.5423	0.92543	0.92543	1.048
3025	2.55004	0.91534	0.91534	1.0506
3026	2.55998	0.90427	0.90427	1.05563
3027	2.56967	0.89135	0.89135	1.0687
3028	2.58388	0.87597	0.87597	1.08304
3029	2.62255	0.90534	0.90534	1.13029
3030	2.61585	0.90464	0.90464	1.13627
3031	2.61445	0.85772	0.85772	1.10226
3032	2.62168	0.9077	0.9077	1.13463
3033	2.65761	0.93307	0.93307	1.1596

3034	2.69321	1.01083	1.01083	1.22275
3035	2.69352	0.96704	0.96704	1.18392
3036	2.69896	0.95116	0.95116	1.16874
3037	2.69197	0.90325	0.90325	1.19808
3038	2.727	1.03668	1.03668	1.24446
3039	2.72863	1.01901	1.01901	1.22938
3040	2.7021	0.95676	0.95676	1.21289
3041	2.70083	0.91292	0.91292	1.19874
3042	2.72359	1.02244	1.02244	1.24094
3043	2.72109	1.00085	1.00085	1.22982
3044	2.71675	0.97086	0.97086	1.21598
3045	2.74361	1.05369	1.05369	1.26969
3046	2.74525	1.02859	1.02859	1.25281
3047	2.59406	0.8247	0.8247	0.85139
3048	2.57093	0	0	0
3049	2.67776	0.91423	0.91423	1.00252
3050	2.61959	0.87965	0.87965	0.93831
3051	2.59528	0.82258	0.82258	0.84425
3052	2.55832	0	0	0
3053	2.61748	0.82368	0.82368	0.84596
3054	2.58574	0	0	0
3055	2.61682	0.81763	0.81763	0.85264
3056	2.54465	0	0	0
3057	2.59123	0.72899	0.72899	0.93426
3058	2.59066	0.87204	0.87204	0.93741
3059	2.53378	0.81463	0.81463	0.83746
3060	2.50635	0	0	0
3061	2.56329	0.62864	0.62864	0.89512
3062	2.55778	0.70952	0.70952	0.89556
3063	2.59405	0.62888	0.62888	0.83733
3064	2.59085	0.79076	0.79076	0.81223
3065	2.58759	0.84562	0.84562	0.80599
3066	2.60159	0.64566	0.64566	0.91681
3067	2.56554	0	0	0
3068	2.576	0.85944	0.85944	0.94353
3069	2.64779	0.89756	0.89756	1.00008
3070	2.64743	0.9607	0.9607	1.06076
3071	2.66573	0.97355	0.97355	1.08072
3072	2.66323	0.99373	0.99373	1.12213
3073	2.6836	1.00279	1.00279	1.12738
3074	2.79005	1.14415	1.14415	1.3122

3075	2.74473	1.0122	1.0122	1.14089
3076	2.77126	1.14265	1.14265	1.31763
3077	2.79767	0.9469	0.9469	1.1389
3078	2.79697	0.90997	0.90997	1.10667
3079	2.61945	0	0	0
3080	2.75903	0.89292	0.89292	1.08528
3081	2.65855	0.86972	0.86972	1.04722
3082	2.58306	0.84056	0.84056	1.01105
3083	2.54039	0.7999	0.7999	0.98123
3084	2.51231	0.72729	0.72729	0.96137
3085	2.53663	0.73125	0.73125	1.0299
3086	2.53683	0.94653	0.94653	1.08808
3087	2.46986	0.91072	0.91072	0.99852
3088	2.42063	0.87495	0.87495	0.93406
3089	2.39941	0.81747	0.81747	0.83703
3090	2.37867	0	0	0
3091	2.54753	0.9628	0.9628	1.09596
3092	2.54353	0.988	0.988	1.11227
3093	2.54237	1.00524	1.00524	1.1302
3094	2.4567	0	0	0
3095	2.56725	1.0134	1.0134	1.16193
3096	2.56255	1.02397	1.02397	1.16434
3097	2.46193	0.74992	0.74992	0.73903
3098	2.41008	0	0	0
3099	2.48091	0.37824	0.37824	0.32491
3100	2.60467	1.03294	1.03294	1.18162
3101	2.55736	0	0	0
3102	2.59794	0.82765	0.82765	0.84747
3103	2.66223	1.06526	1.06526	1.21055
3104	2.74803	1.08663	1.08663	1.26764
3105	2.75366	1.14125	1.14125	1.32765
3106	2.68177	0.98942	0.98942	1.12628
3107	2.68072	1.08025	1.08025	1.25608
3108	2.58387	0.97271	0.97271	1.09021
3109	2.54243	0.95543	0.95543	1.06178
3110	2.52101	0.8812	0.8812	0.92303
3111	2.49779	0.82371	0.82371	0.82436
3112	2.47503	0	0	0
3113	2.49586	0.82363	0.82363	0.82624
3114	2.47577	0	0	0
3115	2.64576	1.05997	1.05997	1.21717

3116	2.62047	1.0449	1.0449	1.17763
3117	2.62318	1.01969	1.01969	1.13813
3118	2.54355	0.82533	0.82533	0.84857
3119	2.45338	0	0	0
3120	2.45227	0	0	0
3121	2.48536	0.82342	0.82342	0.82596
3122	2.52735	0.8828	0.8828	0.92471
3123	2.5933	1.00946	1.00946	1.12364
3124	2.57655	1.00009	1.00009	1.11581
3125	2.54287	0.98869	0.98869	1.10073
3126	2.54307	0.79391	0.79391	0.89463
3127	2.51714	0.8004	0.8004	0.86158
3128	2.57546	0.84384	0.84384	0.90438
3129	2.63577	0.87371	0.87371	0.94888
3130	2.66437	1.00176	1.00176	1.10583
3131	2.66896	0.89564	0.89564	0.97823
3132	2.68518	1.01364	1.01364	1.11921
3133	2.55134	0.94457	0.94457	1.00124
3134	2.49634	0.91793	0.91793	0.95188
3135	2.47305	0	0	0
3136	2.47771	0.88374	0.88374	0.90125
3137	2.44011	0	0	0
3138	2.30409	0	0	0
3139	2.32989	0.81216	0.81216	0.78571
3140	2.35616	0.87003	0.87003	0.88434
3141	2.38884	0.90523	0.90523	0.94409
3142	2.42735	0.93125	0.93125	0.99276
3143	2.45059	0.95079	0.95079	1.02593
3144	2.48842	0.96782	0.96782	1.05654
3145	2.29341	0	0	0
3146	2.30339	0.80391	0.80391	0.76878
3147	2.3324	0.86008	0.86008	0.86873
3148	2.38014	0.89497	0.89497	0.94466
3149	2.4306	0.89839	0.89839	0.95715
3150	2.4242	0.92051	0.92051	0.99308
3151	2.49792	0.844	0.844	0.99319
3152	2.48622	1.00524	1.00524	1.14223
3153	2.49146	1.01219	1.01219	1.14258
3154	2.5127	1.0197	1.0197	1.14801
3155	2.53597	1.02477	1.02477	1.1499
3156	2.58185	0.97419	0.97419	1.06008

3157	2.52224	0.95633	0.95633	1.02413
3158	2.46615	0.93506	0.93506	0.98367
3159	2.41815	0.90867	0.90867	0.936
3160	2.40528	0.87606	0.87606	0.88412
3161	2.38897	0.8198	0.8198	0.7997
3162	2.36968	0	0	0
3163	2.54982	1.0294	1.0294	1.1384
3164	2.54979	1.04386	1.04386	1.16269
3165	2.56117	1.04956	1.04956	1.16196
3166	2.57737	0.89785	0.89785	1.09186
3167	2.54546	0.8784	0.8784	1.08308
3168	2.54764	0.85632	0.85632	1.08636
3169	2.59669	0.85803	0.85803	1.10331
3170	2.60696	1.05813	1.05813	1.20326
3171	2.52381	0.79936	0.79936	1.0357
3172	2.61138	1.06102	1.06102	1.15963
3173	2.62581	1.06503	1.06503	1.16752
3174	2.623	1.06853	1.06853	1.16953
3175	2.60224	0	0	0
3176	2.46117	0.81229	0.81229	0.95737
3177	2.44906	0.75981	0.75981	0.93102
3178	2.43115	0.54814	0.54814	0.89998
3179	2.41425	0.4943	0.4943	0.88516
3180	2.49397	0.75513	0.75513	0.94746
3181	2.48131	0.89994	0.89994	1.00975
3182	2.48334	0.96756	0.96756	1.07892
3183	2.4223	0.81274	0.81274	0.82104
3184	2.37947	0	0	0
3185	2.40711	0.86602	0.86602	0.90363
3186	2.36855	0.8094	0.8094	0.80331
3187	2.35568	0	0	0
3188	2.3859	0.86387	0.86387	0.89669
3189	2.3516	0.80843	0.80843	0.79091
3190	2.33331	0	0	0
3191	2.49218	0.98052	0.98052	1.08228
3192	2.518	0.99075	0.99075	1.09284
3193	2.54418	0.99983	0.99983	1.10564
3194	2.58475	1.00794	1.00794	1.11484
3195	2.58617	1.02716	1.02716	1.13838
3196	2.51319	0.82027	0.82027	0.83193
3197	2.4624	0	0	0

3198	2.45122	0.81581	0.81581	0.81767
3199	2.40129	0	0	0
3200	2.61541	1.0334	1.0334	1.14879
3201	2.64415	1.0401	1.0401	1.15975
3202	2.67555	1.0452	1.0452	1.17059
3203	2.66537	1.10919	1.10919	1.26642
3204	2.68883	1.11258	1.11258	1.27182
3205	2.68056	1.15068	1.15068	1.31636
3206	2.69426	1.1527	1.1527	1.31337
3207	2.69368	1.15505	1.15505	1.31651
3208	2.69383	1.1574	1.1574	1.31862
3209	2.51804	0.79514	0.79514	1.031
3210	2.54228	0	0	0
3211	2.55156	0.87878	0.87878	1.05762
3212	2.5635	0.90895	0.90895	1.07132
3213	2.56268	0.94732	0.94732	1.09412
3214	2.57239	1.01838	1.01838	1.16518
3215	2.58725	0.96308	0.96308	1.10954
3216	2.50932	0	0	0
3217	2.51988	1.0091	1.0091	1.14716
3218	2.32106	0	0	0
3219	2.34	0.80623	0.80623	0.79723
3220	2.33944	0.91379	0.91379	0.96547
3221	2.36835	0	0	0
3222	2.36671	0.94748	0.94748	1.02341
3223	2.29955	0	0	0
3224	2.31214	0.8035	0.8035	0.78572
3225	2.37789	0.95989	0.95989	1.03949
3226	2.39331	0.97115	0.97115	1.05116
3227	2.42878	0.91464	0.91464	1.03634
3228	2.43368	0.96508	0.96508	1.08608
3229	2.43564	0.97144	0.97144	1.08514
3230	2.44072	0.97654	0.97654	1.09199
3231	2.45232	0.98207	0.98207	1.10093
3232	2.49028	1.00107	1.00107	1.12416
3233	2.50039	0	0	0
3234	2.42208	0.92713	0.92713	1.06635
3235	2.46294	0.94044	0.94044	1.08264
3236	2.47168	0.95077	0.95077	1.0866
3237	2.47153	1.00615	1.00615	1.12993
3238	2.43555	0.92302	0.92302	1.00535

3239	2.41489	0.81266	0.81266	0.82722
3240	2.41364	0.89889	0.89889	0.9655
3241	2.36269	0	0	0
3242	2.39381	0	0	0
3243	2.50139	1.01372	1.01372	1.15347
3244	2.50601	1.0212	1.0212	1.15014
3245	2.51645	1.02847	1.02847	1.14915
3246	2.53736	1.03598	1.03598	1.15297
3247	2.58497	0	0	0
3248	2.79062	1.24628	1.24628	1.36291
3249	2.78029	1.24621	1.24621	1.36582
3250	2.7862	1.24555	1.24555	1.37184
3251	2.795	1.23692	1.23692	1.38379
3252	2.78652	1.19724	1.19724	1.36024
3253	2.75542	1.1944	1.1944	1.35599
3254	2.52927	0	0	0
3255	2.66348	1.05773	1.05773	1.2107
3256	2.67185	1.04659	1.04659	1.21249
3257	2.67835	1.02857	1.02857	1.18303
3258	2.63032	1.01988	1.01988	1.16452
3259	2.55497	0.83759	0.83759	0.84382
3260	2.5524	0.80048	0.80048	0.81141
3261	2.53405	0.73347	0.73347	0.77859
3262	2.52085	0.54808	0.54808	0.75586
3263	2.62638	1.06411	1.06411	1.22755
3264	2.6292	1.05707	1.05707	1.22196
3265	2.63068	0.91606	0.91606	1.01257
3266	2.59449	0.88529	0.88529	0.96703
3267	2.60073	0.82359	0.82359	0.84974
3268	2.41143	0	0	0
3269	2.48428	0.81975	0.81975	0.82987
3270	2.50204	0.87467	0.87467	0.91765
3271	2.51812	0.90718	0.90718	0.97265
3272	2.5564	0.9731	0.9731	1.07912
3273	2.53992	0.9614	0.9614	1.06226
3274	2.56769	0.87281	0.87281	0.93615
3275	2.56506	0.84841	0.84841	0.89524
3276	2.54967	0.81605	0.81605	0.83418
3277	2.5165	0.76056	0.76056	0.75344
3278	2.45938	0.26487	0.26487	0.4478
3279	2.41103	0.28294	0.28294	0.47135

3280	2.46686	0.75735	0.75735	0.74143
3281	2.45998	0.92605	0.92605	1.00198
3282	2.42901	0.90165	0.90165	0.9565
3283	2.42647	0	0	0
3284	2.37479	0.81237	0.81237	0.80289
3285	2.35477	0	0	0
3286	2.58184	0	0	0
3287	2.54453	1.02854	1.02854	1.16521
3288	2.48043	1.01858	1.01858	1.13865
3289	2.42463	1.0086	1.0086	1.11362
3290	2.39066	0.99927	0.99927	1.09342
3291	2.362	0.98956	0.98956	1.0736
3292	2.36176	0.86506	0.86506	0.88218
3293	2.33123	0.8618	0.8618	0.87142
3294	2.32461	0.89268	0.89268	0.91887
3295	2.35456	0.81057	0.81057	0.79642
3296	2.33462	0	0	0
3297	2.30462	0.80577	0.80577	0.78179
3298	2.29913	0	0	0
3299	2.2971	0.85859	0.85859	0.86085
3300	2.29679	0	0	0
3301	2.28573	0	0	0
3302	2.71757	1.18007	1.18007	1.32773
3303	2.69541	1.07072	1.07072	1.25012
3304	2.69927	1.17814	1.17814	1.31557
3305	2.70407	1.17816	1.17816	1.31997
3306	2.59321	0.93313	0.93313	1.0239
3307	2.51325	0.90696	0.90696	0.9698
3308	2.47491	0.87335	0.87335	0.91082
3309	2.67853	1.17647	1.17647	1.30447
3310	2.67931	1.17711	1.17711	1.30744
3311	2.64017	1.17417	1.17417	1.29043
3312	2.63401	1.17518	1.17518	1.28641
3313	2.62427	1.17343	1.17343	1.28154
3314	2.6225	1.17072	1.17072	1.28085
3315	2.42372	0.81646	0.81646	0.81365
3316	2.40051	0	0	0
3317	2.59494	0	0	0
3318	2.56836	0	0	0
3319	2.5696	0	0	0
3320	2.61974	1.17884	1.17884	1.28516

3321	2.62507	1.18261	1.18261	1.30424
3322	2.53449	0.92761	0.92761	0.9911
3323	2.49025	0.9025	0.9025	0.95502
3324	2.44893	0.86871	0.86871	0.90315
3325	2.42566	0.81315	0.81315	0.81385
3326	2.40302	0	0	0
3327	2.53221	0.99951	0.99951	1.10384
3328	2.49865	0.98938	0.98938	1.09373
3329	2.47971	0.97921	0.97921	1.08551
3330	2.4537	0.96705	0.96705	1.06342
3331	2.39507	0.95061	0.95061	1.02832
3332	2.3701	0.93444	0.93444	0.99709
3333	2.34199	0.91459	0.91459	0.96171
3334	2.32771	0.89111	0.89111	0.92389
3335	2.31646	0.85873	0.85873	0.87322
3336	2.31659	0	0	0
3337	2.29227	0	0	0
3338	2.46695	0	0	0
3339	2.47502	0.81683	0.81683	0.82971
3340	2.5144	0.87372	0.87372	0.92152
3341	2.53144	0.90688	0.90688	0.97758
3342	2.52998	0	0	0
3343	2.57793	1.16453	1.16453	1.29727
3344	2.62754	1.18787	1.18787	1.31561
3345	2.62829	1.18595	1.18595	1.31334
3346	2.63082	1.18605	1.18605	1.31131
3347	2.61944	1.18422	1.18422	1.26456
3348	2.60449	1.16826	1.16826	1.27621
3349	2.59583	1.16826	1.16826	1.27089
3350	2.58954	1.16626	1.16626	1.27327
3351	2.45785	0	0	0
3352	2.50472	0.82069	0.82069	0.83429
3353	2.5281	1.15896	1.15896	1.28343
3354	2.5076	1.0408	1.0408	1.14383
3355	2.51438	1.136	1.136	1.22832
3356	2.51869	1.12812	1.12812	1.21218
3357	2.52008	1.12401	1.12401	1.20491
3358	2.4746	1.03376	1.03376	1.12776
3359	2.46858	1.02838	1.02838	1.12805
3360	2.44698	1.02106	1.02106	1.12157
3361	2.43739	1.01598	1.01598	1.13951

3362	2.456	0.92	0.92	0.99776
3363	2.44293	0.89735	0.89735	0.96627
3364	2.40576	0.86335	0.86335	0.90503
3365	2.36692	0.80641	0.80641	0.80393
3366	2.35872	0	0	0
3367	2.44954	0.81162	0.81162	0.82864
3368	2.44091	0	0	0
3369	2.49849	1.12037	1.12037	1.19719
3370	2.48165	1.11741	1.11741	1.19616
3371	2.45224	1.11129	1.11129	1.2068
3372	2.45727	1.11342	1.11342	1.19236
3373	2.4341	0.58989	0.58989	0.98449
3374	2.4098	1.00856	1.00856	1.12937
3375	2.30284	0	0	0
3376	2.30741	0.80071	0.80071	0.78124
3377	2.2708	0	0	0
3378	2.2911	0.79933	0.79933	0.78029
3379	2.28904	0.88433	0.88433	0.91591
3380	2.31531	0.85551	0.85551	0.87279
3381	2.31536	0.95269	0.95269	1.03252
3382	2.33097	0.96457	0.96457	1.05423
3383	2.35696	0.97599	0.97599	1.0755
3384	2.26306	0	0	0
3385	2.39164	0	0	0
3386	2.39787	0.80786	0.80786	0.8127
3387	2.39802	1.00176	1.00176	1.1228
3388	2.40772	1.10496	1.10496	1.19001
3389	2.38467	1.10068	1.10068	1.18182
3390	2.37732	0.92889	0.92889	1.00396
3391	2.36987	1.08648	1.08648	1.14583
3392	2.34205	0.90883	0.90883	0.96485
3393	2.32287	0.88451	0.88451	0.92506
3394	2.30429	0.85144	0.85144	0.87194
3395	2.26576	0.79399	0.79399	0.77582
3396	2.25642	0	0	0
3397	2.37083	1.0837	1.0837	1.15324
3398	2.3823	1.08065	1.08065	1.18061
3399	2.3815	1.07777	1.07777	1.1946
3400	2.39268	0.99681	0.99681	1.10802
3401	2.39525	0.7989	0.7989	0.80296
3402	2.3817	0.99054	0.99054	1.10268

3403	2.39129	0	0	0
3404	2.35443	0.96548	0.96548	1.06696
3405	2.34879	0.95505	0.95505	1.0644
3406	2.34885	0.94452	0.94452	1.0529
3407	2.33186	0.93099	0.93099	1.03342
3408	2.31568	0.91572	0.91572	1.00635
3409	2.27942	0	0	0
3410	2.29472	0.8746	0.8746	0.93004
3411	2.27645	0.84311	0.84311	0.86306
3412	2.26643	0.78908	0.78908	0.76494
3413	2.24874	0	0	0
3414	2.34404	1.03297	1.03297	1.12575
3415	2.33498	1.02808	1.02808	1.11574
3416	2.32965	1.02427	1.02427	1.11446
3417	2.32498	1.01944	1.01944	1.11175
3418	2.3395	1.01512	1.01512	1.14329
3419	2.3498	1.01092	1.01092	1.16076
3420	2.35657	0.97851	0.97851	1.12452
3421	2.34972	1.00582	1.00582	1.16372
3422	2.31397	0.87463	0.87463	0.93814
3423	2.29125	0.84295	0.84295	0.87099
3424	2.2823	0.78907	0.78907	0.76888
3425	2.2792	0	0	0
3426	2.30845	0	0	0
3427	2.32671	0.95121	0.95121	1.07471
3428	2.32642	0.79135	0.79135	0.78777
3429	2.30942	0.93881	0.93881	1.05184
3430	2.29979	0.92513	0.92513	1.03211
3431	2.28037	0.90966	0.90966	0.99755
3432	2.2796	0.78673	0.78673	0.76677
3433	2.26344	0	0	0
3434	2.25573	0	0	0
3435	2.26085	0.78507	0.78507	0.75765
3436	2.2635	0.83856	0.83856	0.856
3437	2.22129	0	0	0
3438	2.22699	0.79066	0.79066	0.73293
3439	2.23311	0.84604	0.84604	0.82012
3440	2.24446	0.87908	0.87908	0.87661
3441	2.25426	0.90242	0.90242	0.91985
3442	2.26484	0.9211	0.9211	0.94884
3443	2.26446	0	0	0

3444	2.26601	0.93563	0.93563	0.96797
3445	2.47227	1.05764	1.05764	1.18888
3446	2.47564	0	0	0
3447	2.52629	1.03639	1.03639	1.15388
3448	2.52637	1.05063	1.05063	1.1807
3449	2.45679	0	0	0
3450	2.4779	0.81741	0.81741	0.83407
3451	2.48163	1.02749	1.02749	1.14119
3452	2.47111	1.00817	1.00817	1.1225
3453	2.46775	1.0207	1.0207	1.13893
3454	2.38746	0	0	0
3455	2.45327	0.99978	0.99978	1.11351
3456	2.46184	0.81434	0.81434	0.81663
3457	2.32938	0	0	0
3458	2.32944	0.80587	0.80587	0.79601
3459	2.34256	0.87734	0.87734	0.91924
3460	2.34432	0.93987	0.93987	1.02217
3461	2.36871	0.95546	0.95546	1.03986
3462	2.40061	0.96914	0.96914	1.06002
3463	2.31933	0.8049	0.8049	0.79254
3464	2.29825	0.15179	0.15179	0.25168
3465	2.30712	0	0	0
3466	2.45614	0	0	0
3467	2.30337	0	0	0
3468	2.30853	0.80321	0.80321	0.77916
3469	2.34063	0.85985	0.85985	0.87678
3470	2.33975	0.99197	0.99197	1.06519
3471	2.32224	0.98282	0.98282	1.04948
3472	2.3094	0.97298	0.97298	1.03431
3473	2.28639	0.96092	0.96092	1.01541
3474	2.42146	1.04657	1.04657	1.16281
3475	2.41169	1.04161	1.04161	1.15655
3476	2.3979	1.03622	1.03622	1.14643
3477	2.37798	1.03005	1.03005	1.13627
3478	2.3772	0.80904	0.80904	0.8058
3479	2.37075	0	0	0
3480	2.62232	1.1853	1.1853	1.2708
3481	2.64803	1.18598	1.18598	1.27757
3482	2.66592	1.19117	1.19117	1.29012
3483	2.65873	1.1878	1.1878	1.28761
3484	2.55504	0.90779	0.90779	0.98093

3485	2.544	0.8752	0.8752	0.93188
3486	2.503	0.81897	0.81897	0.84331
3487	2.47967	0	0	0
3488	2.69248	1.21568	1.21568	1.27377
3489	2.68736	1.21427	1.21427	1.27114
3490	2.67352	1.19433	1.19433	1.2963
3491	2.67094	1.19293	1.19293	1.29463
3492	2.59026	1.10002	1.10002	1.27332
3493	2.59149	1.09534	1.09534	1.27064
3494	2.49412	0	0	0
3495	2.55705	1.09046	1.09046	1.25918
3496	2.56299	0.97506	0.97506	1.15609
3497	2.43105	0	0	0
3498	2.48241	0.81602	0.81602	0.82838
3499	2.47995	0.95878	0.95878	1.12544
3500	2.43023	0.91366	0.91366	1.07643
3501	2.39094	0.89921	0.89921	1.0632
3502	2.38526	0.88414	0.88414	1.06049
3503	2.40771	0.86859	0.86859	1.06581
3504	2.41552	0.84926	0.84926	1.06884
3505	2.42389	0.84077	0.84077	1.07663
3506	2.43121	0.84043	0.84043	1.07627
3507	2.44081	0.95187	0.95187	1.05797
3508	2.44129	0.96517	0.96517	1.0568
3509	2.51554	0.97331	0.97331	1.09139
3510	2.3801	0.93182	0.93182	0.99899
3511	2.35346	0.91265	0.91265	0.96414
3512	2.32249	0.8874	0.8874	0.91419
3513	2.30438	0.85389	0.85389	0.84443
3514	2.29671	0.79844	0.79844	0.75832
3515	2.28316	0	0	0
3516	2.56952	0	0	0
3517	2.5707	0.82126	0.82126	0.8474
3518	2.53784	0	0	0
3519	2.69512	1.21572	1.21572	1.27102
3520	2.71046	1.21533	1.21533	1.27715
3521	2.71896	1.01839	1.01839	1.26668
3522	2.74086	1.21845	1.21845	1.30209
3523	2.72761	1.2164	1.2164	1.28353
3524	2.5329	0	0	0
3525	2.60134	0.82314	0.82314	0.86223

3526	2.59847	0.95041	0.95041	1.07258
3527	2.50563	0.8736	0.8736	0.93084
3528	2.47645	0.81808	0.81808	0.83624
3529	2.45554	0	0	0
3530	2.28411	0	0	0
3531	2.29365	0.7949	0.7949	0.7699
3532	2.31247	0.84981	0.84981	0.88025
3533	2.31041	0.88154	0.88154	0.92383
3534	2.31068	0.90425	0.90425	0.9484
3535	2.30818	0.92082	0.92082	0.96673
3536	2.31608	0.93548	0.93548	0.99369
3537	2.32143	0.94889	0.94889	1.00804
3538	2.324	0.95964	0.95964	1.02424
3539	2.33433	0.97008	0.97008	1.04251
3540	2.34905	0.97971	0.97971	1.05921
3541	2.3612	0.98853	0.98853	1.07172
3542	2.35893	0.9951	0.9951	1.07589
3543	2.3646	1.00389	1.00389	1.08778
3544	2.38015	1.01112	1.01112	1.10483
3545	2.40985	1.01917	1.01917	1.12671
3546	2.41038	1.02921	1.02921	1.1479
3547	2.37247	0	0	0
3548	2.44814	1.03664	1.03664	1.16769
3549	2.46732	1.04191	1.04191	1.17904
3550	2.4704	1.04626	1.04626	1.18277
3551	2.47848	1.0644	1.0644	1.21329
3552	2.48425	1.0508	1.0508	1.19076
3553	2.35119	0	0	0
3554	2.36099	0.80725	0.80725	0.80717
3555	2.38763	0.86328	0.86328	0.90521
3556	2.46656	1.04141	1.04141	1.16955
3557	2.49174	1.06764	1.06764	1.21925
3558	2.53113	1.1178	1.1178	1.2897
3559	2.56779	1.12233	1.12233	1.30268
3560	2.58977	1.12575	1.12575	1.30754
3561	2.58736	1.13291	1.13291	1.31482
3562	2.63984	1.13749	1.13749	1.32532
3563	2.4972	0.90443	0.90443	0.98685
3564	2.45113	0.87001	0.87001	0.92302
3565	2.39993	0.81257	0.81257	0.81779
3566	2.37294	0	0	0

3567	2.46229	1.03681	1.03681	1.16248
3568	2.4396	1.03127	1.03127	1.14931
3569	2.39795	1.02329	1.02329	1.13228
3570	2.39305	1.01843	1.01843	1.12683
3571	2.38979	1.01301	1.01301	1.12177
3572	2.38154	1.00492	1.00492	1.11632
3573	2.38261	0.91333	0.91333	0.98068
3574	2.38221	0.9988	0.9988	1.11747
3575	2.36964	0.9437	0.9437	1.02847
3576	2.36693	0.92925	0.92925	1.01155
3577	2.35669	0.91108	0.91108	0.98758
3578	2.3405	0.88761	0.88761	0.94127
3579	2.31915	0.85424	0.85424	0.87983
3580	2.30418	0.79884	0.79884	0.78363
3581	2.29615	0	0	0
3582	2.37609	0.89045	0.89045	0.94433
3583	2.36511	0.85792	0.85792	0.89738
3584	2.34837	0.80283	0.80283	0.80068
3585	2.31736	0	0	0
3586	2.73087	1.03901	1.03901	1.34286
3587	2.73478	1.15652	1.15652	1.33114
3588	2.73386	1.02077	1.02077	1.27305
3589	2.6403	1.14458	1.14458	1.13449
3590	2.6307	1.14784	1.14784	1.11905
3591	2.64396	1.1505	1.1505	1.07896
3592	2.67213	1.18016	1.18016	1.14659
3593	2.6476	1.2133	1.2133	1.08833
3594	2.70111	1.17948	1.17948	1.08071
3595	2.68143	1.17982	1.17982	1.13391
3596	2.73071	1.18564	1.18564	1.07026
3597	2.70638	1.18498	1.18498	1.07079
3598	2.58538	0.96664	0.96664	1.07771
3599	2.52593	0.95006	0.95006	1.04755
3600	2.51015	0.93233	0.93233	1.02133
3601	2.50704	0.82238	0.82238	0.83703
3602	2.42441	0.81799	0.81799	0.82093
3603	2.39374	0	0	0
3604	2.48477	0	0	0
3605	2.73127	1.03839	1.03839	1.28203
3606	2.75017	1.11962	1.11962	1.31272
3607	2.73541	1.03872	1.03872	1.27143

3608	2.68737	1.01181	1.01181	1.15129
3609	2.71018	1.09689	1.09689	1.30759
3610	2.70086	1.11257	1.11257	1.31062
3611	2.59056	0.87619	0.87619	0.94518
3612	2.58851	0.9485	0.9485	1.05962
3613	2.5638	0.81968	0.81968	0.84077
3614	2.52399	0	0	0
3615	2.54685	0.81915	0.81915	0.84715
3616	2.49815	0	0	0
3617	2.69302	1.04947	1.04947	1.26675
3618	2.6819	1.05371	1.05371	1.24559
3619	2.64548	1.04316	1.04316	1.26787
3620	2.61698	0.88436	0.88436	1.22072
3621	2.62952	1.01343	1.01343	1.26368
3622	2.63217	1.03672	1.03672	1.27348
3623	2.50691	0	0	0
3624	2.51848	0.81651	0.81651	0.83876
3625	2.5434	0.87175	0.87175	0.94316
3626	2.62853	0.96387	0.96387	1.09059
3627	2.62139	0.99603	0.99603	1.14066
3628	2.58102	0.5487	0.5487	0.91909
3629	2.55089	0.9063	0.9063	0.99282
3630	2.55718	0.9465	0.9465	1.05813
3631	2.49204	0.87154	0.87154	0.92738
3632	2.45503	0.81425	0.81425	0.8268
3633	2.39381	0	0	0
3634	2.46615	0	0	0
3635	2.515	0.81762	0.81762	0.83703
3636	2.43297	0	0	0
3637	2.76545	1.41062	1.41062	1.12974
3638	2.67306	1.40121	1.40121	0.96396
3639	2.82675	1.40485	1.40485	1.251
3640	2.78733	1.41098	1.41098	1.13904
3641	2.77119	1.14788	1.14788	1.28396
3642	2.78493	1.28425	1.28425	1.27852
3643	2.78134	1.28316	1.28316	1.25606
3644	2.73512	1.2807	1.2807	1.24347
3645	2.7	1.27726	1.27726	1.24445
3646	2.66796	1.27549	1.27549	1.23802
3647	2.45751	0	0	0
3648	2.49041	0.82	0.82	0.82592

3649	2.5203	0.87732	0.87732	0.92301
3650	2.56345	0.91104	0.91104	0.983
3651	2.58068	0.9339	0.9339	1.01036
3652	2.62159	0.95451	0.95451	1.03277
3653	2.37826	0	0	0
3654	2.39409	0.81228	0.81228	0.8061
3655	2.39286	0.92162	0.92162	0.98363
3656	2.32776	0.80647	0.80647	0.77212
3657	2.29791	0	0	0
3658	2.42039	0.94099	0.94099	1.00672
3659	2.48483	0.38859	0.38859	0.63775
3660	2.47846	0.9586	0.9586	1.0339
3661	2.44925	0	0	0
3662	2.47112	0.8172	0.8172	0.8188
3663	2.4195	0.2137	0.2137	0.35251
3664	2.49761	0.87381	0.87381	0.91813
3665	2.49933	0.97802	0.97802	1.08537
3666	2.49202	0.98751	0.98751	1.08495
3667	2.55444	0.98071	0.98071	1.07611
3668	2.552	1.0507	1.0507	1.19157
3669	2.65025	1.27529	1.27529	1.23945
3670	2.6477	1.27006	1.27006	1.18512
3671	2.64068	1.26959	1.26959	1.18268
3672	2.63376	1.27005	1.27005	1.17855
3673	2.40909	0	0	0
3674	2.44026	0.80085	0.80085	0.82663
3675	2.4925	0.85712	0.85712	0.93957
3676	2.53468	0	0	0
3677	2.53618	0.913	0.913	1.05045
3678	2.54756	0.93099	0.93099	1.07419
3679	2.46893	0.91536	0.91536	0.97966
3680	2.46866	0.87161	0.87161	0.90171
3681	2.46539	0.81647	0.81647	0.82145
3682	2.46199	0	0	0
3683	2.39877	0	0	0
3684	2.39611	0.81298	0.81298	0.79976
3685	2.40099	0.86878	0.86878	0.88794
3686	2.41902	0.90199	0.90199	0.94176
3687	2.47066	0.92821	0.92821	0.98776
3688	2.53817	0.94986	0.94986	1.03266
3689	2.72571	1.08041	1.08041	1.19229

3690	2.66457	1.07451	1.07451	1.17472
3691	2.66463	1.0486	1.0486	1.10246
3692	2.64275	1.04459	1.04459	1.09285
3693	2.66139	1.03955	1.03955	1.10511
3694	2.65258	1.03522	1.03522	1.10377
3695	2.63874	1.03234	1.03234	1.11431
3696	2.62926	1.02765	1.02765	1.14151
3697	2.63202	1.03067	1.03067	1.12251
3698	2.62755	1.02342	1.02342	1.15472
3699	2.63295	1.02694	1.02694	1.14471
3700	2.50488	0	0	0
3701	2.52327	0.82182	0.82182	0.83677
3702	2.52814	0	0	0
3703	2.52863	0.87734	0.87734	0.91465
3704	2.45311	0.81854	0.81854	0.7993
3705	2.44317	0	0	0
3706	2.52011	0	0	0
3707	2.6262	1.03984	1.03984	1.13882
3708	2.60548	1.01995	1.01995	1.15462
3709	2.61057	1.0221	1.0221	1.15103
3710	2.59321	0.99412	0.99412	1.10585
3711	2.59389	1.00442	1.00442	1.18009
3712	2.56204	0.98847	0.98847	1.17849
3713	2.50147	0.82023	0.82023	0.8224
3714	2.44105	0	0	0
3715	2.54386	0.98476	0.98476	1.17393
3716	2.55336	0.98007	0.98007	1.18268
3717	2.56301	0.97605	0.97605	1.18632
3718	2.59974	0.9693	0.9693	1.19837
3719	2.68918	1.21887	1.21887	1.11121
3720	2.66169	1.21752	1.21752	1.23888
3721	2.65612	1.21933	1.21933	1.24391
3722	2.6485	1.22238	1.22238	1.26707
3723	2.66461	1.22321	1.22321	1.27465
3724	2.64606	1.21364	1.21364	1.07115
3725	2.66921	1.2674	1.2674	1.21355
3726	2.61259	1.20824	1.20824	1.14667
3727	2.66192	1.2667	1.2667	1.20441
3728	2.65281	1.26785	1.26785	1.19557
3729	2.6461	1.26867	1.26867	1.18146
3730	2.64924	1.26826	1.26826	1.18622

3731	2.54079	0.98426	0.98426	1.10626
3732	2.51765	0.97246	0.97246	1.08504
3733	2.48861	0.90307	0.90307	0.9731
3734	2.48527	0.95828	0.95828	1.0589
3735	2.4536	0.86941	0.86941	0.9164
3736	2.37945	0	0	0
3737	2.42189	0.81311	0.81311	0.8213
3738	2.43254	0.8135	0.8135	0.82278
3739	2.41791	0	0	0
3740	2.64847	1.04397	1.04397	1.23594
3741	2.66348	1.21377	1.21377	1.30442
3742	2.6437	1.09378	1.09378	1.25579
3743	2.65982	1.18704	1.18704	1.30563
3744	2.67628	1.18018	1.18018	1.31724
3745	2.65599	1.18487	1.18487	1.31044
3746	2.67435	1.17804	1.17804	1.31958
3747	2.70045	1.17674	1.17674	1.34875
3748	2.72581	1.17393	1.17393	1.38127
3749	2.77288	1.12146	1.12146	1.38413
3750	2.78242	1.0921	1.0921	1.35191
3751	2.74746	0.99646	0.99646	1.18417
3752	2.7576	1.0566	1.0566	1.27261
3753	2.76091	1.05276	1.05276	1.285
3754	2.78115	1.01609	1.01609	1.22761
3755	2.74667	1.01005	1.01005	1.20972
3756	2.68634	1.00325	1.00325	1.17959
3757	2.65414	0.99615	0.99615	1.15843
3758	2.60767	0.98756	0.98756	1.12966
3759	2.57575	0.97942	0.97942	1.11304
3760	2.63966	0.94866	0.94866	1.12416
3761	2.60227	0.93337	0.93337	1.09169
3762	2.55136	0.91404	0.91404	1.05085
3763	2.47578	0.88862	0.88862	0.99151
3764	2.45245	0.85603	0.85603	0.92851
3765	2.4247	0.8006	0.8006	0.82504
3766	2.39628	0	0	0
3767	2.65934	0.98099	0.98099	1.16361
3768	2.62631	0.55981	0.55981	0.90734
3769	2.66389	0.97064	0.97064	1.16065
3770	2.63265	0.95923	0.95923	1.14435
3771	2.60736	0.94654	0.94654	1.11776

3772	2.56154	0.93089	0.93089	1.07978
3773	2.48829	0.91068	0.91068	1.02806
3774	2.46499	0.88745	0.88745	0.98358
3775	2.42953	0.85441	0.85441	0.92129
3776	2.38173	0.79786	0.79786	0.8085
3777	2.35049	0	0	0
3778	2.65502	0.89404	0.89404	1.02996
3779	2.64824	0.96066	0.96066	1.14824
3780	2.63489	1.01546	1.01546	1.22922
3781	2.54912	0.85908	0.85908	0.94683
3782	2.55097	0.8048	0.8048	0.85463
3783	2.52889	0	0	0
3784	2.61375	0.86121	0.86121	0.96489
3785	2.5829	0.80579	0.80579	0.86341
3786	2.53218	0	0	0
3787	2.65422	1.11034	1.11034	1.34613
3788	2.63467	1.10748	1.10748	1.34461
3789	2.63542	1.10226	1.10226	1.33726
3790	2.5418	0.80526	0.80526	0.85519
3791	2.48475	0	0	0
3792	2.60572	1.09855	1.09855	1.32785
3793	2.57937	1.0948	1.0948	1.31916
3794	2.58069	1.09147	1.09147	1.32634
3795	2.59652	1.07917	1.07917	1.32
3796	2.5007	0.85463	0.85463	0.93375
3797	2.49101	0.79984	0.79984	0.83763
3798	2.47458	0	0	0
3799	2.58506	1.07584	1.07584	1.32219
3800	2.58709	1.06855	1.06855	1.31245
3801	2.58845	1.06065	1.06065	1.30056
3802	2.56742	1.05694	1.05694	1.29488
3803	2.58192	0.9676	0.9676	1.16519
3804	2.45699	0.17089	0.17089	0.31652
3805	2.54286	0.95136	0.95136	1.12927
3806	2.54623	0.90789	0.90789	1.05143
3807	2.50542	0.88389	0.88389	0.99915
3808	2.48278	0.85151	0.85151	0.93886
3809	2.45363	0.7966	0.7966	0.83147
3810	2.43266	0	0	0
3811	2.47354	0.79791	0.79791	0.83533
3812	2.42007	0	0	0

3813	2.52625	0.22546	0.22546	0.42498
3814	2.47937	1.01183	1.01183	1.20129
3815	2.45055	1.00537	1.00537	1.18567
3816	2.44683	0.79592	0.79592	0.82791
3817	2.43037	0	0	0
3818	2.42991	0.9866	0.9866	1.15432
3819	2.42108	0.97951	0.97951	1.15037
3820	2.39736	0	0	0
3821	2.39567	0.97036	0.97036	1.1335
3822	2.34476	0.94977	0.94977	1.07934
3823	2.32553	0.93819	0.93819	1.05402
3824	2.3182	0.92568	0.92568	1.03261
3825	2.29966	0.91007	0.91007	0.99907
3826	2.29079	0.89222	0.89222	0.96544
3827	2.28254	0.86942	0.86942	0.92599
3828	2.26797	0.83708	0.83708	0.86285
3829	2.25585	0.78289	0.78289	0.76554
3830	2.24755	0	0	0
3831	2.45738	0.79901	0.79901	0.82989
3832	2.43905	0	0	0
3833	2.45681	0	0	0
3834	2.49142	0.79946	0.79946	0.84222
3835	2.50772	0.80024	0.80024	0.84619
3836	2.46925	0	0	0
3837	2.54499	0.93705	0.93705	1.0521
3838	2.50789	0.91737	0.91737	1.0149
3839	2.47762	0.89361	0.89361	0.9778
3840	2.44769	0.86062	0.86062	0.91882
3841	2.41603	0.80393	0.80393	0.81782
3842	2.39407	0	0	0
3843	2.66052	1.09204	1.09204	1.26959
3844	2.67217	1.07548	1.07548	1.24145
3845	2.52729	0.92142	0.92142	1.02765
3846	2.48153	0.89636	0.89636	0.98106
3847	2.47027	0.86382	0.86382	0.92769
3848	2.47525	0	0	0
3849	2.37739	0	0	0
3850	2.72943	0.98547	0.98547	1.09698
3851	2.67763	1.07259	1.07259	1.2589
3852	2.55238	1.02204	1.02204	1.19749
3853	2.52587	1.01514	1.01514	1.18854

3854	2.53193	0.97132	0.97132	1.11349
3855	2.52305	0.96019	0.96019	1.09959
3856	2.45925	0.94517	0.94517	1.05615
3857	2.42133	0.92874	0.92874	1.02039
3858	2.41423	0.91097	0.91097	0.9917
3859	2.40678	0.88807	0.88807	0.94869
3860	2.39061	0.85502	0.85502	0.88207
3861	2.38909	0.80001	0.80001	0.77861
3862	2.32585	0	0	0
3863	2.47498	0	0	0
3864	2.42835	0.88975	0.88975	0.9563
3865	2.41013	0.85691	0.85691	0.89763
3866	2.41359	0.80287	0.80287	0.81456
3867	2.39124	0	0	0
3868	2.55076	0.90673	0.90673	0.96197
3869	2.48924	0.8697	0.8697	0.89963
3870	2.48207	0.8149	0.8149	0.82787
3871	2.46518	0	0	0
3872	2.4152	0	0	0
3873	2.4206	0.80912	0.80912	0.77003
3874	2.43397	0.86479	0.86479	0.88234
3875	2.49118	0.89916	0.89916	0.97164
3876	2.4849	0.96573	0.96573	1.0871
3877	2.53671	0.9784	0.9784	1.08146
3878	2.51986	0.98767	0.98767	1.0458
3879	2.49665	0.99565	0.99565	1.0295
3880	2.5476	1.006	1.006	1.0612
3881	2.54182	1.04138	1.04138	1.158
3882	2.39327	0.86278	0.86278	0.89323
3883	2.36688	0.80704	0.80704	0.78513
3884	2.33664	0	0	0
3885	2.72123	1.1953	1.1953	1.07947
3886	2.83546	1.23837	1.23837	1.23727
3887	2.80918	1.23128	1.23128	1.21285
3888	2.75349	1.23027	1.23027	1.21256
3889	2.53844	0	0	0
3890	2.64168	0	0	0
3891	2.64611	0.82755	0.82755	0.8361
3892	2.72631	1.2147	1.2147	1.21314
3893	2.7183	1.06922	1.06922	1.1192
3894	2.7099	1.06455	1.06455	1.11631

3895	2.70297	1.05725	1.05725	1.10312
3896	2.68553	1.05346	1.05346	1.10729
3897	2.66503	1.05097	1.05097	1.12623
3898	2.64275	1.04592	1.04592	1.13271
3899	2.6027	0	0	0
3900	2.50753	0	0	0
3901	2.4928	0.81975	0.81975	0.82459
3902	2.49261	0.90352	0.90352	1.05331
3903	2.52152	0.94444	0.94444	1.06881
3904	2.50615	0.80072	0.80072	1.0686
3905	2.43615	0	0	0
3906	2.5731	0.95965	0.95965	1.10932
3907	2.57521	0.97218	0.97218	1.10752
3908	2.59038	0.98408	0.98408	1.10013
3909	2.62461	0	0	0
3910	2.66268	0.82777	0.82777	0.83875
3911	2.61073	0.99992	0.99992	1.1038
3912	2.58522	0.99021	0.99021	1.11422
3913	2.5924	0.97974	0.97974	1.12381
3914	2.59125	0.95669	0.95669	1.11603
3915	2.5064	0	0	0
3916	2.52748	0.90961	0.90961	0.98528
3917	2.54285	0.93959	0.93959	1.10938
3918	2.50291	0.87577	0.87577	0.92653
3919	2.4723	0.81903	0.81903	0.82769
3920	2.41223	0	0	0
3921	2.63354	0.82546	0.82546	0.85111
3922	2.60717	0	0	0
3923	2.72783	1.05268	1.05268	1.15951
3924	2.74135	1.05658	1.05658	1.16055
3925	2.75405	1.06053	1.06053	1.16007
3926	2.70572	0.82085	0.82085	0.86782
3927	2.64048	0	0	0
3928	2.5857	0.81754	0.81754	0.85753
3929	2.54209	0	0	0
3930	2.85559	1.09503	1.09503	1.29942
3931	2.85408	1.10494	1.10494	1.31551
3932	2.85968	1.13887	1.13887	1.35935
3933	2.85621	1.14053	1.14053	1.35223
3934	2.84137	1.15031	1.15031	1.35351
3935	2.84454	1.16256	1.16256	1.36514

3936	2.87211	1.1652	1.1652	1.36418
3937	2.63306	0.9498	0.9498	1.05665
3938	2.56973	0.92943	0.92943	1.0174
3939	2.48809	0.90208	0.90208	0.962
3940	2.45791	0.86771	0.86771	0.90442
3941	2.42985	0.81108	0.81108	0.81356
3942	2.41471	0	0	0
3943	2.83385	0.94904	0.94904	1.06978
3944	2.83369	1.07989	1.07989	1.2753
3945	2.83122	1.08969	1.08969	1.28828
3946	2.60428	0.28281	0.28281	0.45015
3947	2.81788	0.82793	0.82793	0.87587
3948	2.81471	0.91686	0.91686	1.02081
3949	2.58553	0.41345	0.41345	0.66034
3950	2.6808	0	0	0
3951	2.75185	0	0	0
3952	2.73483	0.82708	0.82708	0.8771
3953	2.68211	0	0	0
3954	2.66962	0.82441	0.82441	0.86492
3955	2.70655	0.169	0.169	0.21122
3956	2.58968	0	0	0
3957	2.69339	1.04306	1.04306	1.19887
3958	2.6916	1.04727	1.04727	1.19714
3959	2.62605	1.03544	1.03544	1.18438
3960	2.5726	0.97684	0.97684	1.10582
3961	2.57101	1.02674	1.02674	1.1653
3962	2.44606	0	0	0
3963	2.51564	0.81719	0.81719	0.83124
3964	2.50659	0.87281	0.87281	0.90159
3965	2.47933	0.81438	0.81438	0.81076
3966	2.45505	0	0	0
3967	2.52402	0.95552	0.95552	1.08262
3968	2.48411	0.43315	0.43315	0.69211
3969	2.50907	0.93923	0.93923	1.07845
3970	2.5013	0.82639	0.82639	1.03163
3971	2.4978	0.919	0.919	1.07247
3972	2.47465	0.81477	0.81477	0.81832
3973	2.4714	0	0	0
3974	2.46619	0.77908	0.77908	1.01897
3975	2.47188	0.77323	0.77323	1.03073
3976	2.46663	0.89472	0.89472	1.01197

3977	2.37455	0.80786	0.80786	0.8035
3978	2.36605	0	0	0
3979	2.46483	0.91802	0.91802	1.00944
3980	2.46801	0.93538	0.93538	1.01132
3981	2.49392	0.95156	0.95156	1.03197
3982	2.49518	1.00877	1.00877	1.11878
3983	2.51357	1.01646	1.01646	1.13012
3984	2.54539	1.02377	1.02377	1.14607
3985	2.54268	1.04384	1.04384	1.17671
3986	2.46155	0.60241	0.60241	0.73011
3987	2.56638	1.04941	1.04941	1.18139
3988	2.56602	1.07399	1.07399	1.22633
3989	2.57204	1.07967	1.07967	1.23562
3990	2.57232	1.08816	1.08816	1.24865
3991	2.61377	1.09296	1.09296	1.26027
3992	2.59048	0.84404	0.84404	1.15097
3993	2.68224	0.93614	0.93614	1.04246
3994	2.68074	0.97865	0.97865	1.22123
3995	2.72688	0.99148	0.99148	1.23231
3996	2.40932	0.91976	0.91976	0.98327
3997	2.39524	0.89644	0.89644	0.9486
3998	2.38264	0.86289	0.86289	0.89429
3999	2.3472	0.80485	0.80485	0.79909
4000	2.33387	0	0	0
4001	2.51894	0.90527	0.90527	0.98445
4002	2.5168	0.93536	0.93536	1.02101
4003	2.49422	0.87152	0.87152	0.92807
4004	2.45069	0.81356	0.81356	0.82989
4005	2.41276	0	0	0
4006	2.47922	0	0	0
4007	2.48957	0.81512	0.81512	0.84119
4008	2.45556	0	0	0
4009	2.49345	0.87092	0.87092	0.92467
4010	2.45498	0.8137	0.8137	0.82943
4011	2.43099	0	0	0
4012	2.73165	0	0	0
4013	2.64461	1.09867	1.09867	1.15491
4014	2.65617	1.106	1.106	1.19963
4015	2.65387	1.10537	1.10537	1.20878
4016	2.62525	1.09396	1.09396	1.16401
4017	2.56062	0.87408	0.87408	0.93615

4018	2.48331	0.81542	0.81542	0.83726
4019	2.44036	0	0	0
4020	2.66213	1.10332	1.10332	1.15292
4021	2.70869	1.10818	1.10818	1.16643
4022	2.61672	0.43274	0.43274	0.61295
4023	2.7815	1.1152	1.1152	1.18934
4024	2.77295	1.12066	1.12066	1.20884
4025	2.69095	0	0	0
4026	2.68524	0.82437	0.82437	0.85776
4027	2.83906	1.07367	1.07367	1.31972
4028	2.99887	1.23399	1.23399	1.41406
4029	2.35434	0	0	0
4030	2.41632	0	0	0
4031	2.4405	0.86581	0.86581	0.89712
4032	2.45153	0.89772	0.89772	0.94151
4033	2.47418	0.92197	0.92197	0.98496
4034	2.49238	0.94023	0.94023	1.00828
4035	2.55402	0.99202	0.99202	1.09925
4036	2.55491	0.95805	0.95805	1.04096
4037	2.6565	1.00466	1.00466	1.12983
4038	2.70588	1.01493	1.01493	1.14525
4039	2.47348	0.81395	0.81395	0.82857
4040	2.40973	0	0	0
4041	2.91492	1.29699	1.29699	1.31266
4042	2.92866	1.25614	1.25614	1.36764
4043	2.96106	1.24288	1.24288	1.36621
4044	2.82442	0.9989	0.9989	1.28465
4045	2.81963	1.06448	1.06448	1.31505
4046	2.80379	0.99361	0.99361	1.26434
4047	2.8022	1.01218	1.01218	1.27782
4048	2.79367	0.99851	0.99851	1.28062
4049	2.59928	0.82324	0.82324	0.84828
4050	2.54441	0	0	0
4051	2.71771	0.88176	0.88176	0.95985
4052	2.67068	0.82387	0.82387	0.8621
4053	2.62018	0	0	0
4054	2.68762	0	0	0
4055	2.78463	0.99846	0.99846	1.24871
4056	2.7846	0.99804	0.99804	1.25529
4057	2.75432	1.00925	1.00925	1.23291
4058	2.67131	0.74037	0.74037	1.07888

4059	2.73108	1.01702	1.01702	1.22702
4060	2.71391	1.03016	1.03016	1.18597
4061	2.71379	1.02265	1.02265	1.16062
4062	2.61401	0.71675	0.71675	0.95816
4063	2.66282	0.85379	0.85379	1.11599
4064	2.66269	0.94243	0.94243	1.0488
4065	2.62784	0.95605	0.95605	1.01253
4066	2.62797	0.87847	0.87847	0.9348
4067	2.46214	0	0	0
4068	2.53285	0.82032	0.82032	0.83214
4069	2.55347	1.0003	1.0003	0.85114
4070	2.54445	1.00882	1.00882	0.83452
4071	2.6091	1.02369	1.02369	0.88507
4072	2.70661	0.52928	0.52928	0.91468
4073	2.57715	1.01881	1.01881	0.68283
4074	2.72013	0.52291	0.52291	0.90244
4075	2.58469	1.0072	1.0072	0.75022
4076	2.62439	0.99902	0.99902	0.84309
4077	2.70265	1.03754	1.03754	1.17467
4078	2.7024	0.97059	0.97059	1.16215
4079	2.6781	1.17141	1.17141	1.13567
4080	2.71477	0.97864	0.97864	1.16821
4081	2.54001	0.87611	0.87611	0.92586
4082	2.48422	0.81939	0.81939	0.82541
4083	2.44147	0	0	0
4084	2.72008	1.21325	1.21325	1.21205
4085	2.71216	1.21563	1.21563	1.22216
4086	2.70255	1.2154	1.2154	1.22033
4087	2.6902	1.21509	1.21509	1.21897
4088	2.68452	1.1711	1.1711	1.2102
4089	2.73147	0.85917	0.85917	1.15628
4090	2.59388	0	0	0
4091	2.61067	0	0	0
4092	2.71833	1.21187	1.21187	1.22284
4093	2.74026	1.20993	1.20993	1.24854
4094	2.75845	1.21061	1.21061	1.26195
4095	2.60431	0.91988	0.91988	0.9747
4096	2.51653	0.8829	0.8829	0.91337
4097	2.47298	0.82268	0.82268	0.82483
4098	2.44402	0	0	0
4099	2.89251	1.20213	1.20213	1.23215

4100	2.88473	1.29799	1.29799	1.28145
4101	2.90274	1.29548	1.29548	1.30713
4102	2.89803	1.09714	1.09714	1.20651
4103	2.8974	1.21501	1.21501	1.24076
4104	2.87702	1.20306	1.20306	1.23923
4105	2.87212	1.08872	1.08872	1.23404
4106	2.84868	1.08969	1.08969	1.2112
4107	2.7255	1.02956	1.02956	1.13725
4108	2.72092	1.04059	1.04059	1.1575
4109	2.72649	0.91105	0.91105	0.95628
4110	2.60804	0.87579	0.87579	0.89805
4111	2.51464	0.81792	0.81792	0.81518
4112	2.44085	0	0	0
4113	2.65386	1.02074	1.02074	1.10955
4114	2.5981	0	0	0
4115	2.59813	1.01233	1.01233	1.10094
4116	2.53819	0.96147	0.96147	1.02811
4117	2.5388	0.99366	0.99366	1.07712
4118	2.64539	0	0	0
4119	2.49695	0.94482	0.94482	0.99423
4120	2.45676	0.92472	0.92472	0.9592
4121	2.4436	0.90165	0.90165	0.92597
4122	2.42686	0.86896	0.86896	0.87858
4123	2.41185	0.81312	0.81312	0.79497
4124	2.46108	0	0	0
4125	2.50015	0.81764	0.81764	0.82922
4126	2.38252	0	0	0
4127	2.6239	0	0	0
4128	2.66091	0.82001	0.82001	0.8518
4129	2.65077	1.00521	1.00521	1.1436
4130	2.67075	1.01357	1.01357	1.15738
4131	2.66325	1.0378	1.0378	1.1928
4132	2.83643	1.22392	1.22392	1.35801
4133	2.8343	1.22487	1.22487	1.35548
4134	2.69002	0.91164	0.91164	1.00436
4135	2.69045	0	0	0
4136	2.57763	0.81883	0.81883	0.84975
4137	2.50734	0	0	0
4138	2.81606	1.18391	1.18391	1.28864
4139	2.8315	1.21564	1.21564	1.3485
4140	2.82354	1.22505	1.22505	1.36191

4141	2.52791	0.75889	0.75889	0.80217
4142	2.60344	0.81879	0.81879	0.85403
4143	2.56044	0	0	0
4144	2.44851	0.43953	0.43953	0.51157
4145	2.4644	0.75462	0.75462	0.79911
4146	2.48265	0.95518	0.95518	1.0455
4147	2.48161	0.89897	0.89897	0.96444
4148	2.48457	0.75276	0.75276	0.76502
4149	2.52858	0.97043	0.97043	1.07419
4150	2.38435	0	0	0
4151	2.43827	0.81034	0.81034	0.81805
4152	2.433	0	0	0
4153	2.4342	0.81034	0.81034	0.82016
4154	2.78693	0.96157	0.96157	1.06451
4155	2.81508	1.18348	1.18348	1.32081
4156	2.69159	0.69562	0.69562	1.06529
4157	2.74901	1.05997	1.05997	1.16243
4158	2.75575	1.10985	1.10985	1.23828
4159	2.74691	1.11604	1.11604	1.23593
4160	2.76142	1.11788	1.11788	1.19545
4161	2.52925	0	0	0
4162	2.56343	0.81709	0.81709	0.83873
4163	2.59935	0.87444	0.87444	0.93545
4164	2.63547	0.90717	0.90717	0.97928
4165	2.78087	1.14229	1.14229	1.28578
4166	2.75609	1.16725	1.16725	1.29498
4167	2.7462	1.17255	1.17255	1.28425
4168	2.66572	0.93211	0.93211	1.01303
4169	2.68902	0.58493	0.58493	0.92764
4170	2.69615	0.93253	0.93253	1.061
4171	2.70117	0.76213	0.76213	0.87254
4172	2.54246	0	0	0
4173	2.60382	0.81868	0.81868	0.85196
4174	2.60211	0.87457	0.87457	0.94028
4175	2.59503	0.24168	0.24168	0.38561
4176	2.68005	0.75891	0.75891	0.83142
4177	2.69238	0	0	0
4178	2.69242	0.85215	0.85215	0.88498
4179	2.61525	1.04587	1.04587	1.17913
4180	2.64185	1.00907	1.00907	1.13302
4181	2.62312	0.97191	0.97191	1.08628

4182	2.6157	1.00028	1.00028	1.12717
4183	2.61222	0.95987	0.95987	1.07702
4184	2.50555	0.81232	0.81232	0.83106
4185	2.46284	0	0	0
4186	2.51335	0.84325	0.84325	0.88622
4187	2.51235	0.93293	0.93293	1.02809
4188	2.45474	0	0	0
4189	2.43403	0.11085	0.11085	0.17827
4190	2.4682	0	0	0
4191	2.46522	0.81059	0.81059	0.82111
4192	2.72101	1.1385	1.1385	1.27333
4193	2.70981	1.08875	1.08875	1.22119
4194	2.69901	1.13577	1.13577	1.28127
4195	2.67869	1.01523	1.01523	1.15285
4196	2.66851	1.08235	1.08235	1.24122
4197	2.57454	0.59873	0.59873	0.99034
4198	2.30692	0	0	0
4199	2.33499	0.7991	0.7991	0.7925
4200	2.36337	0.85615	0.85615	0.89551
4201	2.38793	0.88983	0.88983	0.95755
4202	2.40601	0.91352	0.91352	1.00188
4203	2.42708	0.93307	0.93307	1.04138
4204	2.47026	0.95004	0.95004	1.07957
4205	2.45858	0.98194	0.98194	1.11441
4206	2.41919	0.80488	0.80488	0.81489
4207	2.38433	0	0	0
4208	2.46754	0.98981	0.98981	1.11711
4209	2.39337	0	0	0
4210	2.43557	0.80651	0.80651	0.81313
4211	2.4338	0.89453	0.89453	0.97095
4212	2.3851	0	0	0
4213	2.45912	0.91887	0.91887	1.01999
4214	2.46702	0.93641	0.93641	1.04198
4215	2.50199	0.99949	0.99949	1.12891
4216	2.55093	0.75184	0.75184	0.86568
4217	2.54599	1.01481	1.01481	1.14684
4218	2.58738	1.02279	1.02279	1.1374
4219	2.47804	0.46688	0.46688	0.77802
4220	2.47084	0.43877	0.43877	0.7812
4221	2.50464	0.74748	0.74748	0.84525
4222	2.48691	0.96271	0.96271	1.05496

4223	2.51535	0.97552	0.97552	1.06402
4224	2.6091	0.81524	0.81524	0.85281
4225	2.59557	1.00542	1.00542	1.1255
4226	2.60041	0	0	0
4227	2.67018	1.06108	1.06108	1.17201
4228	2.67735	1.05777	1.05777	1.21066
4229	2.67903	1.0543	1.0543	1.23056
4230	2.67595	1.05048	1.05048	1.24002
4231	2.69411	1.04668	1.04668	1.26272
4232	2.71821	1.02577	1.02577	1.25757
4233	2.53918	0	0	0
4234	2.63449	0.81519	0.81519	0.86055
4235	2.60033	0	0	0
4236	2.71141	1.01903	1.01903	1.26326
4237	2.72477	0.99749	0.99749	1.25091
4238	2.73312	0.96672	0.96672	1.22547
4239	2.74278	0.91632	0.91632	1.19651
4240	2.74604	0.81671	0.81671	0.87654
4241	2.54297	0.81134	0.81134	0.84851
4242	2.49749	0	0	0
4243	2.49285	0	0	0
4244	2.54173	0.81118	0.81118	0.84993
4245	2.62037	0.81398	0.81398	0.86826
4246	2.5702	0	0	0
4247	2.60172	0.94507	0.94507	1.07469
4248	2.61513	0.87133	0.87133	0.95915
4249	2.57824	0.81423	0.81423	0.85401
4250	2.54397	0	0	0
4251	2.52822	0.81245	0.81245	0.84313
4252	2.48342	0	0	0
4253	2.56623	0	0	0
4254	2.57036	0.47151	0.47151	0.79479
4255	2.58443	0.81513	0.81513	0.83042
4256	2.60181	0.76388	0.76388	1.01586
4257	2.57672	0.81205	0.81205	0.93453
4258	2.61378	0.60335	0.60335	1.04891
4259	2.70894	0.81335	0.81335	1.14115
4260	2.70807	0.60405	0.60405	1.12197
4261	2.70366	0	0	0
4262	2.61662	0.41165	0.41165	0.58734
4263	2.70488	1.03238	1.03238	1.13578

4264	2.60622	1.0225	1.0225	1.10388
4265	2.60767	0	0	0
4266	2.51301	1.00471	1.00471	1.05954
4267	2.49231	0.99598	0.99598	1.05132
4268	2.46678	0.98654	0.98654	1.04704
4269	2.36799	0	0	0
4270	2.45516	0.96768	0.96768	1.03485
4271	2.74878	1.05722	1.05722	1.17147
4272	2.75426	0	0	0
4273	2.76503	0.99014	0.99014	1.09947
4274	2.76784	1.04869	1.04869	1.18232
4275	2.62471	0.90665	0.90665	0.92006
4276	2.63329	0.95505	0.95505	1.06066
4277	2.6991	0.97143	0.97143	1.08615
4278	2.73985	0.97982	0.97982	1.0898
4279	2.76555	0.96964	0.96964	1.12498
4280	2.55604	0.87457	0.87457	0.93095
4281	2.55286	0.94866	0.94866	1.05576
4282	2.48452	0.81592	0.81592	0.81419
4283	2.44587	0	0	0
4284	2.45014	0.8134	0.8134	0.79976
4285	2.42861	0	0	0
4286	2.42721	0.95412	0.95412	1.02575
4287	2.36439	0	0	0
4288	2.35954	0.89378	0.89378	0.90989
4289	2.38526	0.80864	0.80864	0.78839
4290	2.35384	0.86174	0.86174	0.85797
4291	2.35124	0.80663	0.80663	0.76899
4292	2.34379	0	0	0
4293	2.73995	1.18424	1.18424	1.2092
4294	2.77528	1.20891	1.20891	1.27637
4295	2.74686	1.00577	1.00577	1.10186
4296	2.7909	1.09452	1.09452	1.3018
4297	2.8309	1.09575	1.09575	1.18749
4298	2.74535	1.18251	1.18251	1.2967
4299	2.67615	0.7654	0.7654	1.17586
4300	2.75771	1.17574	1.17574	1.30232
4301	2.74006	1.17994	1.17994	1.30218
4302	2.60744	0.91126	0.91126	1.00207
4303	2.57606	0.87734	0.87734	0.94378
4304	2.57995	0	0	0

4305	2.49784	0	0	0
4306	2.76835	1.17621	1.17621	1.31432
4307	2.74449	0.96304	0.96304	1.0546
4308	2.78708	1.16505	1.16505	1.32791
4309	2.77103	1.17452	1.17452	1.32743
4310	2.496	0	0	0
4311	2.52732	0.81765	0.81765	0.83395
4312	2.56343	0.87482	0.87482	0.9382
4313	2.56384	0.94779	0.94779	1.06074
4314	2.60748	0.96534	0.96534	1.08967
4315	2.63688	0.97847	0.97847	1.11631
4316	2.5413	0.81807	0.81807	0.83691
4317	2.52486	0	0	0
4318	2.71095	0.53054	0.53054	0.94026
4319	2.62288	0.93134	0.93134	1.03874
4320	2.60384	0.90676	0.90676	0.9968
4321	2.60341	0.87487	0.87487	0.94969
4322	2.56365	0.81768	0.81768	0.84546
4323	2.53641	0	0	0
4324	2.79548	1.14989	1.14989	1.29891
4325	2.79279	1.15427	1.15427	1.31772
4326	2.77567	1.15508	1.15508	1.29422
4327	2.79118	1.1493	1.1493	1.31227
4328	2.80426	1.14767	1.14767	1.33888
4329	2.86543	0.9998	0.9998	1.20518
4330	2.81985	1.14586	1.14586	1.36528
4331	2.99004	0	0	0
4332	3.02218	0.82304	0.82304	0.92809
4333	2.96059	0.93585	0.93585	1.13773
4334	2.92242	0.99189	0.99189	1.22661
4335	2.65161	0	0	0
4336	2.67156	0.81247	0.81247	0.8716
4337	2.66406	0.86807	0.86807	0.98027
4338	2.67506	0.90131	0.90131	1.04278
4339	2.69572	0.92508	0.92508	1.08848
4340	2.68493	0.94284	0.94284	1.09671
4341	2.66311	0.95737	0.95737	1.08793
4342	2.60758	0.48547	0.48547	0.90797
4343	2.72813	0.97852	0.97852	1.09502
4344	2.73355	1.10915	1.10915	1.32865
4345	2.73332	1.12158	1.12158	1.3346

4346	2.66017	1.08173	1.08173	1.26137
4347	2.70843	1.0803	1.0803	1.30741
4348	2.60146	0	0	0
4349	2.66738	0.87428	0.87428	0.97515
4350	2.6701	0	0	0
4351	2.83258	0.82085	0.82085	0.89265
4352	2.75537	0	0	0
4353	2.75632	0.94478	0.94478	1.14919
4354	2.77212	1.05543	1.05543	1.33559
4355	2.72481	1.06936	1.06936	1.32673
4356	2.71279	1.07644	1.07644	1.32691
4357	2.6709	0.94257	0.94257	1.04679
4358	2.63464	0.94021	0.94021	1.00719
4359	2.6191	0.82603	0.82603	0.96825
4360	2.67614	0.85888	0.85888	0.9971
4361	2.67363	0.8124	0.8124	0.9634
4362	2.6732	0.91586	0.91586	1.14967
4363	2.569	0.56008	0.56008	0.81952
4364	2.53949	0.15686	0.15686	0.31177
4365	2.54675	0.51754	0.51754	0.74859
4366	2.62934	0.81529	0.81529	0.91846
4367	2.64492	0	0	0
4368	2.74372	1.01981	1.01981	1.27832
4369	2.72538	1.01331	1.01331	1.27164
4370	2.73723	0.94333	0.94333	1.15223
4371	2.69242	0.92355	0.92355	1.10295
4372	2.65541	0.89934	0.89934	1.05066
4373	2.61327	0.80951	0.80951	0.86422
4374	2.4708	0	0	0
4375	2.57571	0	0	0
4376	2.36644	0	0	0
4377	2.48358	0	0	0
4378	2.48228	0.86123	0.86123	0.94323
4379	2.58679	0.89741	0.89741	1.0345
4380	2.65067	0.92232	0.92232	1.09511
4381	2.68811	0.94212	0.94212	1.13694
4382	2.39169	0	0	0
4383	2.41653	0.80435	0.80435	0.81433
4384	2.45908	0.8615	0.8615	0.92913
4385	2.50211	0.89592	0.89592	0.99798
4386	2.59557	0.92246	0.92246	1.07101

4387	2.57225	0.86531	0.86531	0.95187
4388	2.52152	0.80787	0.80787	0.83688
4389	2.5048	0	0	0
4390	2.63322	0.80745	0.80745	0.89616
4391	2.57624	0.75096	0.75096	0.81924
4392	2.47438	0	0	0
4393	2.48779	0.81575	0.81575	0.82165
4394	2.50285	0.87208	0.87208	0.92179
4395	2.51865	0.9056	0.9056	0.96965
4396	2.527	0.92891	0.92891	1.00163
4397	2.53182	0.94652	0.94652	1.02512
4398	2.57427	0.96362	0.96362	1.06039
4399	2.64967	0.98003	0.98003	1.10534
4400	2.67597	1.01797	1.01797	1.17075
4401	2.68224	0.99175	0.99175	1.12849
4402	2.87165	0.93498	0.93498	1.2613
4403	2.82437	1.0556	1.0556	1.275
4404	2.77828	1.0734	1.0734	1.21281
4405	2.67085	0	0	0
4406	2.73318	0.82524	0.82524	0.86939
4407	2.7834	0.88196	0.88196	0.97277
4408	2.75089	0.85876	0.85876	1.25363
4409	2.76483	1.02373	1.02373	1.24955
4410	2.76863	1.03518	1.03518	1.25125
4411	2.62094	1.0055	1.0055	1.13791
4412	2.54104	0.99251	0.99251	1.10822
4413	2.51913	0.98616	0.98616	1.10362
4414	2.52578	0.75331	0.75331	0.77801
4415	2.45072	0	0	0
4416	2.48339	0	0	0
4417	2.47819	0.87169	0.87169	0.91472
4418	2.47627	0.94552	0.94552	1.03823
4419	2.49712	0.97284	0.97284	1.0878
4420	2.50009	0.75331	0.75331	0.73009
4421	2.41905	0.81266	0.81266	0.8066
4422	2.41795	0.08812	0.08812	0.14815
4423	2.41098	0	0	0
4424	2.56313	0.82052	0.82052	0.84058
4425	2.48911	0	0	0
4426	2.55748	0.80784	0.80784	0.83385
4427	2.55873	0	0	0

4428	2.56775	0.88797	0.88797	0.95458
4429	2.58954	0.91682	0.91682	1.00541
4430	2.66786	0.94151	0.94151	1.05509
4431	2.66408	0.97225	0.97225	1.10749
4432	2.74494	0.98636	0.98636	1.14164
4433	2.66359	0.71834	0.71834	0.97628
4434	2.77679	1.04977	1.04977	1.27414
4435	2.76783	1.052	1.052	1.24666
4436	2.67384	0.76572	0.76572	0.87014
4437	2.78656	1.04696	1.04696	1.27505
4438	2.56795	0	0	0
4439	2.64245	0.4398	0.4398	0.67969
4440	2.67515	0.64046	0.64046	0.90294
4441	2.6588	0.66128	0.66128	0.8906
4442	2.65608	0.7848	0.7848	0.89233
4443	2.69477	0.83429	0.83429	0.92262
4444	2.79855	1.07644	1.07644	1.20777
4445	2.80856	1.08422	1.08422	1.22393
4446	2.86321	0	0	0
4447	2.99965	0.82943	0.82943	0.89787
4448	2.91629	0.84451	0.84451	1.12428
4449	2.85224	0.69647	0.69647	1.13612
4450	2.92637	0.84267	0.84267	1.15709
4451	2.88012	0.90916	0.90916	1.28411
4452	2.79155	0.99747	0.99747	1.18411
4453	2.78916	0.95486	0.95486	1.19532
4454	2.77852	0.77152	0.77152	1.18599
4455	2.61409	0.38705	0.38705	0.68855
4456	2.70303	0.98343	0.98343	1.14236
4457	2.66201	0.96949	0.96949	1.1137
4458	2.626	0.95336	0.95336	1.08187
4459	2.60081	0.93408	0.93408	1.05178
4460	2.55351	0.90894	0.90894	1.00547
4461	2.51826	0.87466	0.87466	0.9362
4462	2.47714	0.81682	0.81682	0.82731
4463	2.44145	0	0	0
4464	2.46642	0	0	0
4465	2.46772	0.81839	0.81839	0.81307
4466	2.71469	0.78416	0.78416	0.88546
4467	2.82941	1.10078	1.10078	1.1349
4468	2.71056	1.08867	1.08867	1.09975

4469	2.60271	1.08476	1.08476	1.02301
4470	2.59687	0	0	0
4471	2.56694	0.83161	0.83161	0.81952
4472	2.62659	0.89075	0.89075	0.93228
4473	2.87158	1.24486	1.24486	1.14959
4474	2.65554	0.97644	0.97644	0.98608
4475	2.64107	1.03632	1.03632	1.05903
4476	2.55937	0.86603	0.86603	1.04817
4477	2.62594	0.67499	0.67499	0.90034
4478	2.65717	0.96152	0.96152	1.06993
4479	2.646	1.03184	1.03184	1.10936
4480	2.62915	0.88345	0.88345	1.03233
4481	2.62223	0.94213	0.94213	1.06819
4482	2.60227	0.82602	0.82602	0.80217
4483	2.62109	0.79066	0.79066	0.92487
4484	2.6571	0.67397	0.67397	0.92546
4485	2.61808	0.67639	0.67639	0.8912
4486	2.67181	1.0335	1.0335	1.07491
4487	2.65337	1.03064	1.03064	1.07939
4488	2.66996	1.02421	1.02421	1.09991
4489	2.51492	0	0	0
4490	2.5718	0.84019	0.84019	0.82951
4491	2.72575	1.24623	1.24623	1.03419
4492	2.70112	1.25198	1.25198	1.17072
4493	2.68633	1.25278	1.25278	1.15334
4494	2.66699	1.25302	1.25302	1.15585
4495	2.63822	1.25336	1.25336	1.1391
4496	2.56141	1.1954	1.1954	0.90655
4497	2.56698	0.76601	0.76601	0.57969
4498	2.53736	0	0	0
4499	2.73005	1.02185	1.02185	1.14316
4500	2.47756	1.07112	1.07112	1.01391
4501	2.54675	1.07988	1.07988	1.02898
4502	2.4834	1.06692	1.06692	1.03056
4503	2.49988	0	0	0
4504	2.52168	0.72078	0.72078	0.95264
4505	2.53339	0.65978	0.65978	0.96984
4506	2.58301	0.77105	0.77105	0.99908
4507	2.61235	0.83214	0.83214	1.02601
4508	2.727	1.0322	1.0322	1.19806
4509	2.72445	1.0268	1.0268	1.14522

4510	2.64133	0.83651	0.83651	0.85703
4511	2.59564	0	0	0
4512	2.80125	1.00698	1.00698	1.28135
4513	2.79336	1.00182	1.00182	1.26586
4514	2.75787	0.97871	0.97871	1.28692
4515	2.76517	0.95547	0.95547	1.29137
4516	2.80684	1.00815	1.00815	1.29111
4517	2.63958	0	0	0
4518	2.61418	1.03667	1.03667	1.15753
4519	2.70206	1.04511	1.04511	1.22181
4520	2.71359	1.03227	1.03227	1.20195
4521	2.51746	1.03908	1.03908	1.10238
4522	2.62324	1.15467	1.15467	1.21007
4523	2.59842	1.17428	1.17428	1.21477
4524	2.59449	1.17708	1.17708	1.20817
4525	2.76486	1.07647	1.07647	0.87351
4526	2.73242	1.08308	1.08308	0.90097
4527	2.71758	1.18634	1.18634	1.15665
4528	2.75063	1.18592	1.18592	1.17858
4529	2.74026	1.08336	1.08336	0.94248
4530	2.71714	1.2067	1.2067	1.1916
4531	2.69456	1.21155	1.21155	1.18002
4532	2.69882	1.2001	1.2001	1.1514
4533	2.70664	1.2058	1.2058	1.19981
4534	2.6919	1.08061	1.08061	1.10635
4535	2.70679	1.35429	1.35429	1.22323
4536	2.71778	1.21	1.21	1.21424
4537	2.61661	1.35511	1.35511	1.12168
4538	2.61939	1.3561	1.3561	1.1714
4539	2.83617	1.35761	1.35761	1.22399
4540	2.59033	1.33976	1.33976	0.92524
4541	2.58412	1.33969	1.33969	0.93366
4542	2.60171	1.35416	1.35416	0.79668
4543	2.5804	0.9248	0.9248	0.82063
4544	2.63833	1.35291	1.35291	0.82916
4545	2.81844	1.34762	1.34762	0.879
4546	2.71551	0.9388	0.9388	0.89477
4547	2.57638	1.19843	1.19843	0.94736
4548	2.5692	0.92134	0.92134	0.86566
4549	2.62528	0.95232	0.95232	0.95384
4550	2.6687	0.93181	0.93181	0.8942

4551	2.50978	0	0	0
4552	2.55513	0.84315	0.84315	0.8124
4553	2.64864	1.20048	1.20048	1.12626
4554	2.65268	1.20189	1.20189	1.15334
4555	2.64367	0.85837	0.85837	1.16959
4556	2.64183	0.92552	0.92552	1.18222
4557	2.60596	0	0	0
4558	2.64992	0.88298	0.88298	1.18122
4559	2.67564	0.74967	0.74967	1.19229
4560	2.74082	0.78269	0.78269	1.2065
4561	2.82073	0.83757	0.83757	1.21909
4562	2.84545	1.1641	1.1641	1.2892
4563	2.86149	1.16363	1.16363	1.29836
4564	2.86127	1.15686	1.15686	1.2833
4565	2.90154	1.1577	1.1577	1.29199
4566	2.92705	1.15851	1.15851	1.29177
4567	2.92221	1.15962	1.15962	1.29351
4568	2.91506	1.16096	1.16096	1.29422
4569	2.61308	0.95104	0.95104	1.01124
4570	2.61072	0	0	0
4571	2.52691	0.89065	0.89065	0.90609
4572	2.52373	0	0	0
4573	2.46287	0	0	0
4574	2.75673	0.84144	0.84144	0.86257
4575	2.75295	0	0	0
4576	2.73953	0	0	0
4577	2.72705	0.97821	0.97821	1.09305
4578	2.71576	0.91721	0.91721	0.9889
4579	2.66663	0	0	0
4580	2.70298	0.89323	0.89323	0.97599
4581	2.73188	0.84182	0.84182	0.86012
4582	2.69926	0	0	0
4583	2.79628	0.93579	0.93579	1.0514
4584	2.77425	0.92497	0.92497	1.05682
4585	2.73867	0.92151	0.92151	1.07104
4586	2.80698	0.93444	0.93444	1.06018
4587	2.82381	0.9448	0.9448	1.06195
4588	2.81792	0.95371	0.95371	1.06102
4589	2.78629	0.88515	0.88515	0.9823
4590	2.76811	0.96453	0.96453	1.07956
4591	2.76995	0.97617	0.97617	1.09047

4592	2.79922	0.9872	0.9872	1.1016
4593	2.84249	0.99884	0.99884	1.1159
4594	2.83899	1.0068	1.0068	1.12018
4595	2.931	1.01791	1.01791	1.14266
4596	3.00117	0.81364	0.81364	1.09089
4597	2.71826	0.5954	0.5954	0.82374
4598	2.83815	0.79355	0.79355	0.89801
4599	2.85622	0.84912	0.84912	0.93637
4600	2.84617	0.89316	0.89316	0.97343
4601	2.82631	0.86733	0.86733	0.93153
4602	2.70342	0.29299	0.29299	0.45099
4603	2.60169	0.83668	0.83668	0.85093
4604	2.58483	0	0	0
4605	2.81452	0.7402	0.7402	0.75703
4606	2.85289	0.82819	0.82819	0.87646
4607	2.77598	0.86754	0.86754	0.87972
4608	2.77624	0.92531	0.92531	0.97046
4609	2.7675	0	0	0
4610	2.82213	0.8455	0.8455	0.87207
4611	2.69712	0.22054	0.22054	0.33194
4612	2.72968	0.77428	0.77428	0.73675
4613	2.8846	0.9035	0.9035	0.96409
4614	2.88497	0.97021	0.97021	1.05851
4615	2.89198	1.02295	1.02295	1.13785
4616	2.88816	1.04221	1.04221	1.15578
4617	2.88254	1.05386	1.05386	1.17101
4618	2.91658	1.01079	1.01079	1.13683
4619	2.88788	0.99747	0.99747	1.07929
4620	2.9824	0.676	0.676	1.05519
4621	2.82315	0.80035	0.80035	0.79556
4622	2.82505	0.90803	0.90803	0.9864
4623	2.82759	0.90924	0.90924	0.97983
4624	2.84238	0.51352	0.51352	0.80353
4625	2.84115	0.7838	0.7838	0.93137
4626	2.81982	0.84815	0.84815	0.99551
4627	2.80638	0.7338	0.7338	0.96019
4628	2.89378	0	0	0
4629	2.88679	0.87291	0.87291	0.97351
4630	2.91779	0.91569	0.91569	1.03769
4631	3.00512	0.94556	0.94556	1.07521
4632	3.02476	0.70259	0.70259	1.04815

4633	2.84138	0.65844	0.65844	0.97417
4634	2.86183	0.76905	0.76905	0.99247
4635	2.85195	0.89021	0.89021	1.04023
4636	2.8451	0.92237	0.92237	1.0504
4637	2.88133	0.88428	0.88428	0.95033
4638	2.88995	0.98894	0.98894	1.12862
4639	2.80212	0.61888	0.61888	0.84511
4640	3.05527	1.02047	1.02047	1.15776
4641	3.0347	1.03659	1.03659	1.17782
4642	3.03308	1.08409	1.08409	1.2517
4643	3.04028	1.08815	1.08815	1.25567
4644	3.0317	1.10205	1.10205	1.27009
4645	3.06218	1.04852	1.04852	1.24286
4646	3.05799	0.43406	0.43406	0.61764
4647	2.81808	0.91154	0.91154	0.9815
4648	2.97221	0.92551	0.92551	1.02129
4649	3.0032	1.02297	1.02297	1.06472
4650	2.98556	0	0	0
4651	2.98805	0.66795	0.66795	0.84559
4652	2.69746	0	0	0
4653	2.82349	0.89727	0.89727	0.95768
4654	2.73831	0.83953	0.83953	0.86297
4655	2.68358	0	0	0
4656	2.65504	0.75294	0.75294	0.7852
4657	2.67962	0.72702	0.72702	0.77841
4658	2.72652	0.79099	0.79099	0.8505
4659	2.73868	0.61255	0.61255	0.7441
4660	2.85151	0.94597	0.94597	1.06352
4661	2.89992	0.95262	0.95262	1.07953
4662	2.97607	0.9322	0.9322	1.04356
4663	2.93187	1.01214	1.01214	1.14408
4664	2.78296	0.69742	0.69742	0.8384
4665	2.73988	0.89363	0.89363	0.95869
4666	2.62841	0.83489	0.83489	0.84998
4667	2.59252	0	0	0
4668	2.84226	0.79951	0.79951	0.89118
4669	2.95695	0.84783	0.84783	0.94946
4670	2.95543	0.97995	0.97995	1.10452
4671	2.95009	1.01427	1.01427	1.15151
4672	3.02751	1.02536	1.02536	1.172
4673	3.02071	1.05557	1.05557	1.20711

4674	2.85393	0.84274	0.84274	0.88164
4675	2.67372	0	0	0
4676	2.80027	0.9282	0.9282	1.00572
4677	2.64226	0.89039	0.89039	0.93361
4678	2.62395	0.83577	0.83577	0.84871
4679	2.59275	0	0	0
4680	2.83556	0.77293	0.77293	0.82172
4681	2.6957	0.39244	0.39244	0.48098
4682	2.85126	0.84181	0.84181	0.8704
4683	2.82996	0.8427	0.8427	0.92449
4684	2.84082	0.75	0.75	0.87371
4685	2.81829	0	0	0
4686	3.36004	0.71402	0.71402	0.7554
4687	3.34648	1.10905	1.10905	1.25803
4688	3.31941	1.09961	1.09961	1.27001
4689	2.98898	1.06102	1.06102	1.11592
4690	2.98164	0.98226	0.98226	1.07662
4691	2.99638	1.0149	1.0149	1.14786
4692	2.99755	0.96316	0.96316	1.06087
4693	2.76449	0.24096	0.24096	0.36502
4694	2.82017	0.92661	0.92661	0.98178
4695	2.82562	0.89607	0.89607	0.95515
4696	2.82153	0.841	0.841	0.87031
4697	2.73313	0	0	0
4698	2.78309	0.89323	0.89323	0.9254
4699	2.65757	0.83604	0.83604	0.83028
4700	2.55191	0	0	0
4701	3.30269	1.01343	1.01343	1.19576
4702	3.28948	1.09383	1.09383	1.32847
4703	3.26782	1.24908	1.24908	1.37075
4704	3.25352	1.24801	1.24801	1.37034
4705	3.25612	1.24819	1.24819	1.37549
4706	3.23904	1.25285	1.25285	1.38406
4707	3.23798	1.01591	1.01591	1.25296
4708	3.14777	1.18758	1.18758	1.30532
4709	3.12872	1.20095	1.20095	1.34952
4710	3.08674	1.22195	1.22195	1.34204
4711	3.11289	1.17346	1.17346	1.30282
4712	3.144	1.17376	1.17376	1.33154
4713	3.13231	1.17376	1.17376	1.32466
4714	3.13383	1.02286	1.02286	1.25693

4715	3.16726	1.02332	1.02332	1.26169
4716	3.18657	1.01722	1.01722	1.23773
4717	3.19946	1.01666	1.01666	1.24214
4718	3.10677	1.24345	1.24345	1.35537
4719	3.09662	1.24122	1.24122	1.35064
4720	3.06998	1.20004	1.20004	1.26872
4721	3.06313	1.19773	1.19773	1.26173
4722	2.86859	0.94098	0.94098	0.99633
4723	2.77735	0.91076	0.91076	0.94559
4724	2.76735	0.59404	0.59404	0.81731
4725	2.56988	0	0	0
4726	2.64196	0.83521	0.83521	0.85053
4727	2.81085	0.59991	0.59991	0.86922
4728	2.80995	0.74658	0.74658	0.99402
4729	2.8031	0.79113	0.79113	0.9983
4730	2.95239	1.16251	1.16251	1.24223
4731	2.92893	1.14649	1.14649	1.19358
4732	2.91312	1.14232	1.14232	1.18398
4733	2.92546	1.12374	1.12374	1.17257
4734	2.92529	1.12058	1.12058	1.18092
4735	2.87498	1.11401	1.11401	1.17176
4736	2.80615	1.10955	1.10955	1.14507
4737	2.79542	1.10577	1.10577	1.13849
4738	2.79508	1.10115	1.10115	1.13881
4739	2.66627	0	0	0
4740	2.76895	0.7918	0.7918	0.67757
4741	2.90509	0.86502	0.86502	1.02208
4742	2.8916	1.0123	1.0123	1.13214
4743	2.89194	0.99486	0.99486	1.1284
4744	2.90002	0.93422	0.93422	1.01104
4745	2.89914	0.93895	0.93895	1.17905
4746	2.9128	0.95554	0.95554	1.18422
4747	2.93075	0.96309	0.96309	1.18957
4748	2.94378	1.01616	1.01616	1.23642
4749	2.93296	1.01055	1.01055	1.26059
4750	2.84311	0.99023	0.99023	1.25317
4751	2.80893	0.95667	0.95667	1.19609
4752	2.87182	1.00013	1.00013	1.24752
4753	3.01905	1.19602	1.19602	1.25262
4754	3.03202	1.20089	1.20089	1.31849
4755	2.98559	1.17436	1.17436	1.23028

4756	2.84921	0.84392	0.84392	0.87083
4757	2.80119	0	0	0
4758	3.06453	1.1539	1.1539	1.29136
4759	3.05327	1.15076	1.15076	1.2884
4760	3.06028	1.15521	1.15521	1.32186
4761	3.06287	1.14725	1.14725	1.29882
4762	3.06212	1.2149	1.2149	1.35592
4763	3.06269	1.2132	1.2132	1.36178
4764	3.05174	1.20846	1.20846	1.3569
4765	3.01187	1.07424	1.07424	1.17615
4766	2.96911	1.09617	1.09617	1.20507
4767	3.02306	1.07128	1.07128	1.18572
4768	2.9999	1.0675	1.0675	1.18369
4769	2.99042	0.93435	0.93435	1.0555
4770	2.89384	0.97039	0.97039	1.11691
4771	2.83567	0.91034	0.91034	1.03414
4772	2.83043	0.9229	0.9229	1.01444
4773	2.86084	0.90697	0.90697	1.02739
4774	2.85454	0.89152	0.89152	1.04824
4775	2.8525	0.84076	0.84076	1.08623
4776	2.86722	0.8547	0.8547	1.10101
4777	2.8692	0.88541	0.88541	1.11648
4778	2.85676	0.91174	0.91174	1.1355
4779	2.84566	0.96772	0.96772	1.1506
4780	2.69569	0.86618	0.86618	0.7938
4781	2.70515	0.83518	0.83518	0.86888
4782	2.70251	0.86165	0.86165	0.8606
4783	2.66352	0	0	0
4784	2.72955	0	0	0
4785	2.65714	0.60615	0.60615	0.77599
4786	2.75544	0.81262	0.81262	0.9265
4787	2.74808	0.86224	0.86224	0.96847
4788	2.76124	0.88022	0.88022	0.99018
4789	2.75052	0.86357	0.86357	0.97453
4790	2.71587	0.85477	0.85477	0.86025
4791	2.67234	0.78765	0.78765	0.75718
4792	2.6391	0.31671	0.31671	0.51011
4793	2.69706	0.73069	0.73069	0.86577
4794	2.76093	0.85591	0.85591	0.89278
4795	2.85361	0.90436	0.90436	0.96648
4796	2.76302	0.50783	0.50783	0.77107

4797	2.7581	0.86168	0.86168	0.89801
4798	2.73835	0.85469	0.85469	0.90378
4799	2.73927	0.85472	0.85472	0.94608
4800	2.76076	0.50827	0.50827	0.73893
4801	2.75977	0.84392	0.84392	0.87414
4802	2.70231	0.97319	0.97319	0.96962
4803	2.67613	0.92705	0.92705	0.90515
4804	2.66922	0.86529	0.86529	0.85187
4805	2.75113	1.01496	1.01496	1.05743
4806	2.76142	0.98488	0.98488	1.01958
4807	2.87316	1.03692	1.03692	1.09536
4808	2.87763	1.02414	1.02414	1.09302
4809	2.87094	0.96525	0.96525	1.10676
4810	2.8664	0.95749	0.95749	1.11532
4811	2.70927	0.82943	0.82943	0.81531
4812	2.68023	0.55079	0.55079	0.62294
4813	2.93276	1.03215	1.03215	1.16277
4814	2.93244	1.06187	1.06187	1.21434
4815	2.91753	1.05695	1.05695	1.20683
4816	2.906	1.03339	1.03339	1.1827
4817	2.82147	0.05574	0.05574	0.0835
4818	2.82	0.78522	0.78522	0.86946
4819	2.90424	1.04039	1.04039	1.19101
4820	2.92234	1.04167	1.04167	1.19249
4821	2.96956	1.09152	1.09152	1.21796
4822	2.9486	1.08728	1.08728	1.21439
4823	2.86729	0.8386	0.8386	0.76492
4824	2.94856	1.07605	1.07605	1.21165
4825	2.94473	1.05881	1.05881	1.21445
4826	2.93733	1.02229	1.02229	1.19503
4827	2.91046	0.99596	0.99596	1.18293
4828	2.6435	0	0	0
4829	2.66536	0.8377	0.8377	0.85362
4830	2.76981	0.22236	0.22236	0.2147
4831	2.75855	0.89705	0.89705	0.94886
4832	2.75248	0.84189	0.84189	0.868
4833	2.65928	0	0	0
4834	2.9126	0.98499	0.98499	1.18379
4835	2.89684	0.88285	0.88285	1.19749
4836	2.87026	0.69964	0.69964	0.91395
4837	2.89091	0.805	0.805	0.81665

4838	2.88729	0.80174	0.80174	0.91308
4839	2.85121	0.7828	0.7828	0.78602
4840	2.85378	0.7661	0.7661	0.80733
4841	2.7331	0	0	0.16604
4842	2.8093	0.43166	0.43166	0.53707
4843	2.84247	0.78517	0.78517	0.80765
4844	2.84442	1.0193	1.0193	0.96093
4845	2.79929	1.01237	1.01237	0.93942
4846	2.79257	1.0066	1.0066	0.94025
4847	2.75301	0.99934	0.99934	0.93063
4848	2.75915	0	0	0
4849	2.78946	0.83778	0.83778	0.86544
4850	2.82353	0.89368	0.89368	0.9579
4851	2.87261	0.9269	0.9269	1.0049
4852	2.86807	1.02932	1.02932	1.10056
4853	2.86485	1.04071	1.04071	1.17797
4854	2.87487	1.03745	1.03745	1.17528
4855	2.89666	1.03002	1.03002	1.17165
4856	2.90529	1.02284	1.02284	1.17134
4857	2.90216	1.01907	1.01907	1.1755
4858	2.89764	1.01432	1.01432	1.18333
4859	2.93573	1.01818	1.01818	1.19465
4860	2.89495	0.92923	0.92923	1.17212
4861	2.89855	0.92827	0.92827	1.17199
4862	2.72753	0.83985	0.83985	0.8636
4863	2.69467	0	0	0
4864	3.00357	1.15537	1.15537	1.31279
4865	2.98831	1.15271	1.15271	1.31012
4866	2.97623	1.1394	1.1394	1.31511
4867	2.89115	0.99574	0.99574	1.07812
4868	2.91072	1.12052	1.12052	1.28635
4869	2.9183	1.12618	1.12618	1.30026
4870	2.92102	1.10861	1.10861	1.27405
4871	2.90152	0.91063	0.91063	1.02257
4872	2.90739	1.09814	1.09814	1.25305
4873	2.90688	1.08755	1.08755	1.23545
4874	2.91311	1.05245	1.05245	1.1953
4875	2.89861	1.3006	1.3006	1.21204
4876	2.91611	1.30053	1.30053	1.19075
4877	2.91103	1.3033	1.3033	1.25146
4878	2.49769	0	0	0

4879	2.5648	0.82933	0.82933	0.83113
4880	2.65342	0	0	0
4881	2.65127	0.92085	0.92085	0.97578
4882	2.683	0.94464	0.94464	1.00628
4883	2.70228	0.96264	0.96264	1.03287
4884	2.75009	0.97852	0.97852	1.05737
4885	2.74282	0.74135	0.74135	0.77763
4886	2.68093	0.50896	0.50896	0.68129
4887	2.69439	0.69869	0.69869	0.74034
4888	2.8471	0.905	0.905	1.04076
4889	2.80073	0.88307	0.88307	1.0181
4890	2.8052	0.80594	0.80594	0.9727
4891	2.73849	0.76801	0.76801	0.9344
4892	2.74477	0.79636	0.79636	0.92788
4893	2.74826	0.96062	0.96062	1.0403
4894	2.75965	0.90186	0.90186	0.95663
4895	2.68745	0.83495	0.83495	0.85313
4896	2.63068	0	0	0
4897	2.75971	0.88215	0.88215	0.9305
4898	2.72893	0.85767	0.85767	0.89372
4899	2.71685	0.82448	0.82448	0.8607
4900	2.62954	0.76957	0.76957	0.80694
4901	2.6245	0.8334	0.8334	0.91049
4902	2.60331	0	0	0
4903	2.66233	0.87188	0.87188	0.95714
4904	3.03462	1.2077	1.2077	1.35453
4905	3.0356	1.20532	1.20532	1.36332
4906	3.02327	1.13869	1.13869	1.22968
4907	2.90177	0.82483	0.82483	0.79929
4908	2.93141	0.61546	0.61546	0.77283
4909	2.99607	1.13148	1.13148	1.21851
4910	3.00123	1.1374	1.1374	1.29024
4911	2.97022	1.13577	1.13577	1.28129
4912	2.92323	1.1145	1.1145	1.21733
4913	2.87029	1.11435	1.11435	1.19891
4914	2.81887	1.02055	1.02055	1.19015
4915	2.83401	1.04239	1.04239	1.20212
4916	2.85746	1.05679	1.05679	1.14654
4917	2.80193	1.01474	1.01474	1.18543
4918	2.79753	1.09773	1.09773	1.14004
4919	2.77365	1.01564	1.01564	1.16506

4920	2.71943	1.05325	1.05325	1.18527
4921	2.71258	1.06278	1.06278	1.17996
4922	2.60757	0.83246	0.83246	0.83589
4923	2.52736	0	0	0
4924	2.65513	0	0	0
4925	2.61877	0	0	0
4926	2.59859	0.65556	0.65556	0.80241
4927	2.65379	0.83323	0.83323	0.8499
4928	2.74935	0.97946	0.97946	1.03761
4929	2.67966	0.96218	0.96218	1.01352
4930	2.6809	0.91681	0.91681	0.9268
4931	2.68633	0.88003	0.88003	1.0456
4932	2.68395	0.7978	0.7978	0.97065
4933	2.61273	0.71078	0.71078	0.9153
4934	2.59305	0.69732	0.69732	0.89179
4935	2.62201	0.74506	0.74506	0.92636
4936	2.63188	0.78346	0.78346	0.92315
4937	2.634	0.80835	0.80835	0.84464
4938	2.71642	0.90239	0.90239	1.06236
4939	2.74878	0.92015	0.92015	1.07629
4940	2.75421	1.00056	1.00056	1.0849
4941	2.67347	0.95821	0.95821	1.03918
4942	2.67393	0.98592	0.98592	1.06158
4943	2.60344	0.89174	0.89174	0.94343
4944	2.63356	0.93557	0.93557	1.01377
4945	2.56322	0.83494	0.83494	0.86738
4946	2.5162	0	0	0
4947	2.57538	0.7624	0.7624	0.78244
4948	2.50319	0.46393	0.46393	0.61419
4949	2.50044	0.58365	0.58365	0.65789
4950	2.55149	0.77465	0.77465	0.7928
4951	2.58052	0.82887	0.82887	0.86046
4952	2.61898	0.86252	0.86252	0.91236
4953	2.68056	0.8884	0.8884	0.95459
4954	2.80166	0.98378	0.98378	1.19276
4955	2.79638	0.96352	0.96352	1.18294
4956	2.72644	0	0	0
4957	2.78597	0.95581	0.95581	1.18668
4958	2.77404	0.94887	0.94887	1.18841
4959	2.79397	0.95794	0.95794	1.19472
4960	2.79261	1.17861	1.17861	1.27938

4961	2.76038	1.17559	1.17559	1.27794
4962	2.75658	1.17337	1.17337	1.27446
4963	2.74132	1.07357	1.07357	1.13919
4964	2.74807	1.07055	1.07055	1.18634
4965	2.68676	0.94499	0.94499	1.04256
4966	2.69537	1.06307	1.06307	1.1875
4967	2.66515	1.02778	1.02778	1.16218
4968	2.64078	1.01856	1.01856	1.15233
4969	2.63377	1.00771	1.00771	1.15298
4970	2.65566	0	0	0
4971	2.66867	0.92159	0.92159	1.02802
4972	2.62945	0.89021	0.89021	0.97128
4973	2.63238	0.81067	0.81067	0.94024
4974	2.55688	0	0	0
4975	2.61947	0.75768	0.75768	0.93609
4976	2.63187	0.5907	0.5907	0.75378
4977	2.61097	0.76351	0.76351	0.93476
4978	2.55599	0.48279	0.48279	0.57848
4979	2.62404	0.76353	0.76353	0.72581
4980	2.71783	0.82483	0.82483	0.84138
4981	2.95782	1.26842	1.26842	1.33014
4982	2.96567	1.27222	1.27222	1.32455
4983	2.90435	1.2725	1.2725	1.27063
4984	2.87334	1.29131	1.29131	1.27765
4985	2.88163	1.26895	1.26895	1.23065
4986	2.88312	1.27021	1.27021	1.22002
4987	2.8382	1.2675	1.2675	1.20718
4988	2.69156	0.99701	0.99701	1.09464
4989	2.70535	0.97271	0.97271	1.05235
4990	2.65955	0.95634	0.95634	1.03509
4991	2.62785	0.85672	0.85672	0.89705
4992	2.58088	0.59309	0.59309	0.80796
4993	2.58076	0.82217	0.82217	0.91511
4994	2.56435	0.77282	0.77282	0.92041
4995	2.5992	0.74194	0.74194	0.93746
4996	2.83499	1.26928	1.26928	1.20054
4997	2.8589	1.26983	1.26983	1.20848
4998	2.85549	1.27091	1.27091	1.19745
4999	2.88361	1.26826	1.26826	1.24277
5000	2.89333	1.26991	1.26991	1.25609
5001	2.92182	1.24604	1.24604	1.26937

5002	2.92114	1.24278	1.24278	1.25439
5003	2.92723	1.23891	1.23891	1.2256
5004	2.81093	1.23707	1.23707	1.18357
5005	2.86287	1.23774	1.23774	1.2015
5006	2.90825	1.23009	1.23009	1.18796
5007	2.8386	1.23452	1.23452	1.22052
5008	2.82857	1.23466	1.23466	1.15166
5009	2.89352	1.21313	1.21313	1.17419
5010	2.86901	1.21584	1.21584	1.17402
5011	2.87569	1.21728	1.21728	1.17754
5012	2.82631	0.95726	0.95726	1.01412
5013	2.82656	1.04467	1.04467	1.18195
5014	2.96648	1.26534	1.26534	1.12822
5015	2.98847	1.29591	1.29591	1.21619
5016	2.9956	1.29929	1.29929	1.2331
5017	2.94314	1.30289	1.30289	1.22487
5018	2.92706	1.29988	1.29988	1.22966
5019	2.94984	1.29995	1.29995	1.23801
5020	2.99596	1.05796	1.05796	1.20509
5021	2.9855	1.07419	1.07419	1.20735
5022	3.0139	1.28974	1.28974	1.25837
5023	2.94571	1.17215	1.17215	1.19457
5024	2.99349	1.16843	1.16843	1.22057
5025	2.97986	1.16521	1.16521	1.21169
5026	3.03575	1.16846	1.16846	1.22282
5027	3.04153	1.16829	1.16829	1.21902
5028	3.00112	1.05675	1.05675	1.20619
5029	3.10228	1.19022	1.19022	1.3216
5030	2.87261	0.96179	0.96179	1.09471
5031	2.74653	0.89622	0.89622	0.93643
5032	2.71236	0.83968	0.83968	0.85461
5033	2.69856	0	0	0
5034	2.83685	0.96598	0.96598	1.03438
5035	2.81236	0.90237	0.90237	1.00317
5036	2.81365	0.9301	0.9301	1.02204
5037	2.78196	0.9458	0.9458	1.0099
5038	2.75017	0.89079	0.89079	0.95288
5039	2.59888	0	0	0
5040	2.72166	0.83953	0.83953	0.92767
5041	2.67218	0.6934	0.6934	0.89233
5042	2.76583	0.91273	0.91273	1.00665

5043	2.74101	0.90379	0.90379	0.98868
5044	2.73641	0.89975	0.89975	0.97462
5045	2.74021	0.84021	0.84021	0.86235
5046	2.68981	0	0	0
5047	2.77955	0.90196	0.90196	0.97453
5048	2.86453	0.43563	0.43563	0.57198
5049	2.89037	0.96367	0.96367	1.07197
5050	2.8882	0.99466	0.99466	1.10533
5051	2.8909	0.98673	0.98673	1.10719
5052	2.84351	0.47598	0.47598	0.70094
5053	2.78179	0	0	0
5054	2.80351	0.73348	0.73348	0.68052
5055	2.79063	0.84604	0.84604	0.86998
5056	2.81423	0.32618	0.32618	0.4475
5057	2.89888	0.72064	0.72064	0.75208
5058	2.85784	0.7913	0.7913	0.82792
5059	2.86162	0.9753	0.9753	1.09698
5060	2.89752	0.96481	0.96481	1.107
5061	2.73576	0.90199	0.90199	0.88113
5062	2.89606	0.95526	0.95526	1.10464
5063	2.92536	0.85843	0.85843	1.07822
5064	2.91702	0.88326	0.88326	1.10978
5065	2.89647	0.92478	0.92478	1.1318
5066	2.74858	0.6916	0.6916	0.58859
5067	2.73961	0.87638	0.87638	0.91091
5068	2.7409	0.67411	0.67411	0.861
5069	2.69326	0.17427	0.17427	0
5070	2.76515	0.74419	0.74419	0.76022
5071	2.76153	0.8442	0.8442	0.90664
5072	2.63803	0.74845	0.74845	0.68982
5073	2.60622	0.44944	0.44944	0.48665
5074	2.70908	0.84857	0.84857	0.97018
5075	2.68752	0.80435	0.80435	0.96255
5076	2.65063	0.7591	0.7591	0.92182
5077	2.7025	0.83309	0.83309	0.85176
5078	2.64976	0.78287	0.78287	0.90648
5079	2.66001	0	0	0
5080	2.71391	0.91177	0.91177	0.95482
5081	2.64262	0.55003	0.55003	0.7408
5082	2.77291	0.93765	0.93765	0.99496
5083	2.75763	0.98683	0.98683	1.11379

5084	2.75733	0.99366	0.99366	1.12317
5085	2.73333	0.98113	0.98113	1.10421
5086	2.72512	0.94149	0.94149	1.04825
5087	2.73355	0.97587	0.97587	1.1012
5088	2.7397	0.95053	0.95053	1.05049
5089	2.54174	0.88079	0.88079	0.88278
5090	2.5525	0.82676	0.82676	0.83144
5091	2.51281	0	0	0
5092	2.48703	0	0	0
5093	2.51304	0.82255	0.82255	0.82478
5094	2.54186	0.87968	0.87968	0.91529
5095	2.62392	0.99775	0.99775	1.15391
5096	2.63304	0.95898	0.95898	1.15454
5097	2.63813	0.94201	0.94201	1.15114
5098	2.63328	0.94848	0.94848	1.15586
5099	2.64474	0.94781	0.94781	1.15125
5100	2.54044	0.9559	0.9559	1.04517
5101	2.48378	0.93668	0.93668	1.01727
5102	2.46681	0.87202	0.87202	0.90977
5103	2.46845	0.91588	0.91588	0.99297
5104	2.45278	0.81612	0.81612	0.81896
5105	2.42767	0	0	0
5106	2.43224	0.61073	0.61073	0.78794
5107	2.42825	0.61552	0.61552	0.8003
5108	2.43319	0.7683	0.7683	0.81765
5109	2.56484	0.8547	0.8547	1.0422
5110	2.55828	0.90434	0.90434	1.05088
5111	2.47698	0.8266	0.8266	0.96137
5112	2.47309	0.78364	0.78364	0.96106
5113	2.47769	0.7564	0.7564	0.96929
5114	2.49395	0.79245	0.79245	0.9841
5115	2.52993	0.83617	0.83617	1.00321
5116	2.54571	0.86578	0.86578	1.013
5117	2.57817	0.8893	0.8893	1.03274
5118	2.65762	0.91084	0.91084	1.06017
5119	2.70237	1.13943	1.13943	1.21105
5120	2.70252	1.13875	1.13875	1.24001
5121	2.70783	0.92712	0.92712	1.08422
5122	2.62452	1.12476	1.12476	1.20797
5123	2.62482	1.12073	1.12073	1.21352
5124	2.59554	1.11521	1.11521	1.215

5125	2.59479	1.08457	1.08457	1.2167
5126	2.59063	0.97565	0.97565	1.12187
5127	2.5065	0.56016	0.56016	0.8718
5128	2.56839	0.96174	0.96174	1.13631
5129	2.54672	0.94439	0.94439	1.14197
5130	2.5269	0.85319	0.85319	0.83136
5131	2.52844	0.9242	0.9242	1.14264
5132	2.4805	0.75713	0.75713	0.70597
5133	2.48353	0.49517	0.49517	0.61114
5134	2.53517	0.81615	0.81615	0.78975
5135	2.72471	0.83448	0.83448	1.03612
5136	2.72061	0.73236	0.73236	1.11433
5137	2.67725	0.60012	0.60012	0.93783
5138	2.73359	0.86802	0.86802	1.02165
5139	2.78568	1.00401	1.00401	1.09718
5140	2.78784	0.90977	0.90977	0.96436
5141	2.67401	0.95158	0.95158	0.99605
5142	2.70835	0.94267	0.94267	1.04862
5143	2.64633	0.92923	0.92923	1.03236
5144	2.41247	0	0	0
5145	2.43303	0.81669	0.81669	0.80599
5146	2.62557	1.15419	1.15419	1.223
5147	2.5976	1.14365	1.14365	1.22399
5148	2.59698	1.11811	1.11811	1.15573
5149	2.6618	1.16293	1.16293	1.19871
5150	2.64698	1.15921	1.15921	1.21688
5151	2.63386	1.15721	1.15721	1.21669
5152	2.66665	1.16324	1.16324	1.18862
5153	2.68738	1.17845	1.17845	1.21257
5154	2.67844	1.17004	1.17004	1.20115
5155	2.68877	1.16468	1.16468	1.18196
5156	2.7681	1.18073	1.18073	1.24892
5157	2.76157	1.18304	1.18304	1.21837
5158	2.57842	0.97693	0.97693	1.08416
5159	2.57172	0.90937	0.90937	0.96877
5160	2.53235	0.87505	0.87505	0.91255
5161	2.5201	0.81886	0.81886	0.82683
5162	2.4936	0	0	0
5163	2.4822	0.873	0.873	0.9012
5164	2.45791	0.81641	0.81641	0.81356
5165	2.43298	0	0	0

5166	2.54012	0.81672	0.81672	0.84629
5167	2.50061	0.75903	0.75903	0.74122
5168	2.48539	0.40166	0.40166	0.52483
5169	2.51102	1.02418	1.02418	1.14744
5170	2.51078	1.01805	1.01805	1.13778
5171	2.51472	0.99483	0.99483	1.09507
5172	2.44268	0.98147	0.98147	1.05258
5173	2.39045	0.94216	0.94216	0.97284
5174	2.40715	0.96793	0.96793	1.03491
5175	2.37431	0	0	0
5176	2.38194	0.92363	0.92363	0.95172
5177	2.37804	0.9005	0.9005	0.92198
5178	2.36289	0.86744	0.86744	0.8666
5179	2.54439	1.1135	1.1135	1.1427
5180	2.50635	1.11085	1.11085	1.13742
5181	2.50051	1.10723	1.10723	1.14829
5182	2.50217	1.10464	1.10464	1.1594
5183	2.50403	1.10193	1.10193	1.17491
5184	2.54525	1.09771	1.09771	1.2086
5185	2.35604	0.81076	0.81076	0.77712
5186	2.34827	0	0	0
5187	2.48499	0.88755	0.88755	1.13034
5188	2.56121	1.09648	1.09648	1.22807
5189	2.46809	0.8709	0.8709	1.11956
5190	2.45214	0.84675	0.84675	1.10722
5191	2.44176	0.82573	0.82573	1.09297
5192	2.41306	0.82577	0.82577	1.05762
5193	2.40002	0.82956	0.82956	1.0451
5194	2.41886	0.81011	0.81011	0.79659
5195	2.41974	0	0	0
5196	2.51282	0	0	0
5197	2.46284	0.59608	0.59608	0.67214
5198	2.37504	0	0	0
5199	2.3778	0.80674	0.80674	0.78128
5200	2.39049	0.86246	0.86246	0.88913
5201	2.39283	0.89484	0.89484	0.94146
5202	2.41116	0.91989	0.91989	0.98064
5203	2.43893	0.9397	0.9397	1.02252
5204	2.51971	0	0	0
5205	2.49275	0.8439	0.8439	0.8813
5206	2.49941	0.92347	0.92347	0.97264

5207	2.49065	0.97374	0.97374	1.08576
5208	2.47233	1.02606	1.02606	1.15595
5209	2.42335	0.20376	0.20376	0.37712
5210	2.46756	0.8975	0.8975	0.93746
5211	2.46294	0.86432	0.86432	0.88787
5212	2.46372	0.80711	0.80711	0.79228
5213	2.4611	0	0	0
5214	2.46562	1.03106	1.03106	1.15088
5215	2.46371	1.02711	1.02711	1.12501
5216	2.45069	1.02057	1.02057	1.11844
5217	2.44732	1.01454	1.01454	1.12221
5218	2.42966	1.0068	1.0068	1.11648
5219	2.43944	0.99953	0.99953	1.12008
5220	2.43452	0.99174	0.99174	1.1206
5221	2.44655	0.98387	0.98387	1.13076
5222	2.41877	0.83336	0.83336	0.85553
5223	2.42068	0.97245	0.97245	1.12486
5224	2.35775	0.19535	0.19535	0.38473
5225	2.38962	0	0	0
5226	2.38797	0.91065	0.91065	1.00353
5227	2.37648	0.92826	0.92826	1.01916
5228	2.38741	0.88752	0.88752	0.96806
5229	2.37932	0.85514	0.85514	0.90676
5230	2.35077	0.79905	0.79905	0.78785
5231	2.31223	0	0	0
5232	2.37657	0	0	0
5233	2.42986	0.81637	0.81637	0.80835
5234	2.50516	0.81364	0.81364	1.11796
5235	2.50758	0.8259	0.8259	1.12534
5236	2.49054	0.83941	0.83941	1.1142
5237	2.50159	0.91889	0.91889	1.11245
5238	2.51028	0.93817	0.93817	1.11978
5239	2.52672	0.955	0.955	1.13085
5240	2.57098	0.9701	0.9701	1.17016
5241	2.5567	1.04965	1.04965	1.12063
5242	2.55089	1.04307	1.04307	1.12626
5243	2.55211	1.0231	1.0231	1.0957
5244	2.52992	1.01536	1.01536	1.11323
5245	2.46447	0.41116	0.41116	0.60481
5246	2.51409	0.85337	0.85337	0.86066
5247	2.51485	0	0	0

5248	2.52844	0.98929	0.98929	1.09655
5249	2.52834	1.01593	1.01593	1.12352
5250	2.52766	0.98187	0.98187	1.09365
5251	2.52617	0.98214	0.98214	1.10752
5252	2.52434	1.00827	1.00827	1.13085
5253	2.53141	0	0	0
5254	2.51808	0.82114	0.82114	0.80123
5255	2.49707	0.39645	0.39645	0.6589
5256	2.47393	0.9603	0.9603	1.09361
5257	2.45015	0.94453	0.94453	1.08636
5258	2.44195	0.92773	0.92773	1.07929
5259	2.43242	0.90545	0.90545	1.07638
5260	2.32215	0	0	0
5261	2.32683	0.81368	0.81368	0.77754
5262	2.33545	0.86889	0.86889	0.86056
5263	2.36501	0.90366	0.90366	0.91209
5264	2.40983	0.93052	0.93052	0.95528
5265	2.41859	0.94979	0.94979	0.97974
5266	2.45127	0.96722	0.96722	1.01127
5267	2.55452	0.8325	0.8325	0.93113
5268	2.52574	0.9752	0.9752	1.08156
5269	2.51674	0.95483	0.95483	1.0819
5270	2.51361	0.92969	0.92969	1.06413
5271	2.51767	0.97335	0.97335	1.06696
5272	2.57811	0.85871	0.85871	0.94258
5273	2.53542	0.8546	0.8546	0.90895
5274	2.50279	0.82002	0.82002	0.87273
5275	2.50229	0.76395	0.76395	0.81275
5276	2.49241	0.85707	0.85707	0.90025
5277	2.47015	0.28922	0.28922	0.46323
5278	2.48818	0.82189	0.82189	0.85564
5279	2.55564	0	0	0
5280	2.58302	0.83775	0.83775	0.82931
5281	2.69619	1.08667	1.08667	1.16197
5282	2.68848	1.074	1.074	1.14703
5283	2.62217	0.83999	0.83999	0.84295
5284	2.62362	1.05639	1.05639	1.1311
5285	2.63102	1.06602	1.06602	1.137
5286	2.53624	0	0	0
5287	2.5623	1.03288	1.03288	1.09814
5288	2.55941	0.97801	0.97801	1.00547

5289	2.52438	0.95338	0.95338	1.05564
5290	2.53574	0	0	0
5291	2.49854	0.95917	0.95917	0.96892
5292	2.4959	0.94117	0.94117	0.95556
5293	2.42418	0.91235	0.91235	0.90946
5294	2.3915	0.87725	0.87725	0.85095
5295	2.39041	0.82212	0.82212	0.78416
5296	2.37091	0	0	0
5297	2.70817	0.88643	0.88643	0.9313
5298	2.6598	0.83023	0.83023	0.84543
5299	2.59328	0	0	0
5300	2.82712	1.05199	1.05199	1.13955
5301	2.7925	1.04688	1.04688	1.14346
5302	2.76579	1.04075	1.04075	1.13947
5303	2.35095	0	0	0
5304	2.38799	0.81755	0.81755	0.78707
5305	2.37227	0	0	0
5306	2.4204	0.81921	0.81921	0.77919
5307	2.40885	0.21297	0.21297	0.33173
5308	2.46437	0.91928	0.91928	0.94166
5309	2.45919	0.87633	0.87633	0.87198
5310	2.47004	0.98054	0.98054	1.03069
5311	2.47281	0.87715	0.87715	0.88331
5312	2.6563	1.02985	1.02985	1.10908
5313	2.60677	1.02084	1.02084	1.08691
5314	2.58517	0.82901	0.82901	0.82629
5315	2.58634	1.0133	1.0133	1.08301
5316	2.56559	0	0	0
5317	2.7411	1.02892	1.02892	1.17327
5318	2.74155	1.03184	1.03184	1.16903
5319	2.74436	1.05238	1.05238	1.19601
5320	2.50441	0	0	0
5321	2.59037	0.83506	0.83506	0.83374
5322	2.63972	0.85819	0.85819	0.93317
5323	2.648	0.89322	0.89322	0.92637
5324	2.66033	0.90538	0.90538	1.04928
5325	2.66904	0.90509	0.90509	1.04368
5326	2.68234	0.94092	0.94092	1.05517
5327	2.65176	0.91584	0.91584	0.97538
5328	2.66393	0.93579	0.93579	1.07995
5329	2.65135	0.80591	0.80591	0.82775

5330	2.57648	0.31107	0.31107	0.49344
5331	2.60781	0.72837	0.72837	0.71991
5332	2.52338	0.35161	0.35161	0.31995
5333	2.57785	0.83063	0.83063	0.85257
5334	2.56159	0.68559	0.68559	0.63483
5335	2.49837	0	0	0
5336	2.71777	1.02951	1.02951	1.19509
5337	2.72512	1.03185	1.03185	1.17673
5338	2.73537	1.03119	1.03119	1.17875
5339	2.59649	0.98263	0.98263	1.05784
5340	2.59629	0.89467	0.89467	0.92844
5341	2.50408	0	0	0
5342	2.5221	0	0	0
5343	2.40331	0	0	0
5344	2.45005	0.83075	0.83075	0.81867
5345	2.50597	0.88951	0.88951	0.9109
5346	2.61346	0.66914	0.66914	0.77513
5347	2.57034	0.50182	0.50182	0.7311
5348	2.57836	0.73587	0.73587	0.80015
5349	2.6415	0.72927	0.72927	0.98865
5350	2.64513	0.8077	0.8077	0.86398
5351	2.76086	0.47632	0.47632	0.64366
5352	2.74235	1.01818	1.01818	1.26779
5353	2.75451	0.99977	0.99977	1.25792
5354	2.75491	1.02901	1.02901	1.22284
5355	2.76657	1.00539	1.00539	1.19715
5356	2.70114	1.04968	1.04968	1.10153
5357	2.72708	1.01582	1.01582	1.18905
5358	2.76232	1.00761	1.00761	1.19054
5359	2.77651	1.00234	1.00234	1.19688
5360	2.77978	0.95962	0.95962	1.18706
5361	2.64914	0.80349	0.80349	0.75675
5362	2.64537	0.85246	0.85246	0.91062
5363	2.54866	0	0	0
5364	2.69257	0.61305	0.61305	0.79452
5365	2.79721	0.96001	0.96001	1.19667
5366	2.72574	0.82908	0.82908	1.08042
5367	2.71952	0.85963	0.85963	1.08104
5368	2.67839	0.81746	0.81746	1.06113
5369	2.67151	0.84584	0.84584	1.05485
5370	2.66535	0.8857	0.8857	1.04832

5371	2.66313	0.96441	0.96441	1.05803
5372	2.65908	0.98768	0.98768	1.07229
5373	2.64667	0.99907	0.99907	1.06785
5374	2.69386	1.00437	1.00437	1.03419
5375	2.69124	1.03941	1.03941	1.11444
5376	2.63807	1.04532	1.04532	1.08143
5377	2.73788	1.11579	1.11579	1.17402
5378	2.73346	1.06612	1.06612	1.15012
5379	2.7115	0.85992	0.85992	0.99404
5380	2.54176	0	0	0
5381	2.54267	0.85721	0.85721	0.87773
5382	2.57987	0.89962	0.89962	0.94534
5383	2.57358	0.92448	0.92448	0.9517
5384	2.55765	0.61366	0.61366	0.79916
5385	2.5648	0.89899	0.89899	0.95144
5386	2.46964	0.41833	0.41833	0.56344
5387	2.49386	0.35226	0.35226	0.36261
5388	2.49053	0.82575	0.82575	0.84446
5389	2.48978	0	0	0
5390	2.56708	0.38369	0.38369	0.44024
5391	2.73294	0.81204	0.81204	1.19382
5392	2.78167	1.03969	1.03969	1.27999
5393	2.76718	1.01236	1.01236	1.17426
5394	2.76135	1.00582	1.00582	1.18063
5395	2.76674	0.999	0.999	1.17467
5396	2.76483	0.97397	0.97397	1.17331
5397	2.76851	0.96765	0.96765	1.16794
5398	2.81019	0.96572	0.96572	1.16715
5399	2.82626	0.84251	0.84251	0.87067
5400	2.70447	0	0	0
5401	2.56996	0	0	0
5402	2.63299	0.82947	0.82947	0.83629
5403	2.38185	0.92285	0.92285	0.91734
5404	2.36513	0.89918	0.89918	0.8966
5405	2.35335	0.8676	0.8676	0.86256
5406	2.32637	0.81181	0.81181	0.77276
5407	2.30759	0	0	0
5408	2.73927	0.96154	0.96154	1.02566
5409	2.73592	1.04808	1.04808	1.08132
5410	2.71614	0.96548	0.96548	1.02062
5411	2.81664	1.10494	1.10494	1.2209

5412	2.80912	1.08935	1.08935	1.1612
5413	2.71357	0.96888	0.96888	1.03969
5414	2.64986	0.95377	0.95377	1.01519
5415	2.63604	0.92315	0.92315	1.00113
5416	2.63263	0.90538	0.90538	0.99743
5417	2.68588	0.92583	0.92583	1.06749
5418	2.68773	0.93339	0.93339	1.06764
5419	2.68815	0.92644	0.92644	1.06884
5420	2.6808	0.84545	0.84545	1.03658
5421	2.66036	0.84154	0.84154	1.03743
5422	2.65302	0.82213	0.82213	1.02287
5423	2.63915	0	0	0
5424	2.66697	0.86892	0.86892	1.04165
5425	2.69947	0.88899	0.88899	1.05113
5426	2.60186	0.1255	0.1255	0.08384
5427	2.60222	0.74287	0.74287	0.78405
5428	2.60576	0.78609	0.78609	0.80278
5429	2.59489	0.68953	0.68953	0.81672
5430	2.59612	0.82689	0.82689	0.84202
5431	2.55248	0	0	0
5432	2.54866	0	0	0
5433	2.58068	0.93412	0.93412	1.01208
5434	2.4719	0	0	0
5435	2.47015	0.82106	0.82106	0.825
5436	2.44363	0	0	0
5437	2.54077	0.91025	0.91025	0.9717
5438	2.62159	0.9276	0.9276	1.00372
5439	2.56564	0.91655	0.91655	0.97993
5440	2.4653	0.90141	0.90141	0.92733
5441	2.46339	0.86877	0.86877	0.87631
5442	2.43355	0.84402	0.84402	0.81764
5443	2.39578	0.81172	0.81172	0.75045
5444	2.3844	0.75807	0.75807	0.72296
5445	2.38009	0.52908	0.52908	0.71233
5446	2.39816	0.56634	0.56634	0.75677
5447	2.45063	0.7651	0.7651	0.83794
5448	2.47356	0.81795	0.81795	0.89765
5449	2.46808	0.64785	0.64785	0.72748
5450	2.49469	0.88118	0.88118	1.02522
5451	2.49522	0.90162	0.90162	1.03151
5452	2.50078	0.89434	0.89434	1.03839

5453	2.51773	0.88571	0.88571	0.94204
5454	2.52248	0.96848	0.96848	1.10592
5455	2.55107	0.87127	0.87127	0.91225
5456	2.53714	0	0	0
5457	2.57295	0.90748	0.90748	0.962
5458	2.57343	1.20922	1.20922	1.27123
5459	2.58983	1.11276	1.11276	1.2728
5460	2.59348	1.09454	1.09454	1.23087
5461	2.60271	1.01479	1.01479	1.14004
5462	2.59925	0.9321	0.9321	1.00521
5463	2.56604	0.95384	0.95384	1.0314
5464	2.53537	0.93546	0.93546	1.00151
5465	2.47847	0.91055	0.91055	0.95008
5466	2.42252	0.87533	0.87533	0.88648
5467	2.39824	0.82016	0.82016	0.79434
5468	2.38138	0	0	0
5469	2.69263	1.22698	1.22698	1.26601
5470	2.68706	1.2255	1.2255	1.31211
5471	2.68322	1.22428	1.22428	1.30977
5472	2.6237	1.13709	1.13709	1.22384
5473	2.69351	1.23235	1.23235	1.26536
5474	2.57589	0.88211	0.88211	0.96144
5475	2.50741	0.85775	0.85775	0.91745
5476	2.4363	0.82664	0.82664	0.86199
5477	2.4134	0.77999	0.77999	0.82898
5478	2.39993	0.66713	0.66713	0.79986
5479	2.37747	0.63272	0.63272	0.80423
5480	2.38898	0.76012	0.76012	0.84455
5481	2.40549	0.81108	0.81108	0.88085
5482	2.51722	1.17534	1.17534	1.242
5483	2.50291	1.17355	1.17355	1.23825
5484	2.43635	1.17368	1.17368	1.2222
5485	2.47742	1.17358	1.17358	1.23354
5486	2.3983	1.17126	1.17126	1.20953
5487	2.3793	1.16927	1.16927	1.2047
5488	2.36409	1.16712	1.16712	1.19994
5489	2.33474	0.86892	0.86892	0.8551
5490	2.35312	1.16283	1.16283	1.19638
5491	2.3068	0.89421	0.89421	0.9053
5492	2.29079	0.86124	0.86124	0.85102
5493	2.2795	0.80666	0.80666	0.76548

5494	2.27	0	0	0
5495	2.32763	0.81418	0.81418	0.77078
5496	2.53052	0.82626	0.82626	0.83151
5497	2.49595	0	0	0
5498	2.34439	0	0	0
5499	2.61217	1.21314	1.21314	1.28677
5500	2.59962	1.21135	1.21135	1.2865
5501	2.58141	1.21007	1.21007	1.27185
5502	2.50515	0.82726	0.82726	0.83271
5503	2.47736	0	0	0
5504	2.22714	0	0	0
5505	2.23491	0.75916	0.75916	0.7304
5506	2.24683	0.81157	0.81157	0.83161
5507	2.32131	0.84367	0.84367	0.97111
5508	2.33991	0.86551	0.86551	1.01546
5509	2.36626	0.88241	0.88241	1.05307
5510	2.39222	0.89639	0.89639	1.08283
5511	2.38881	0.92704	0.92704	1.13573
5512	2.44109	0.93639	0.93639	1.16869
5513	2.42824	0.94277	0.94277	1.16419
5514	2.46211	0.27734	0.27734	0.59253
5515	2.42338	0.94882	0.94882	1.16332
5516	2.49071	0.95992	0.95992	1.19557
5517	2.47578	0.97516	0.97516	1.21427
5518	2.54594	0.98149	0.98149	1.2375
5519	2.3247	0.76227	0.76227	0.7797
5520	2.306	0	0	0
5521	2.4105	0	0	0
5522	2.41547	0	0	0
5523	2.43259	0.82671	0.82671	0.81474
5524	2.43103	0.91259	0.91259	0.95094
5525	2.46944	0.93776	0.93776	0.99725
5526	2.45243	0.86844	0.86844	1.09169
5527	2.43821	0.95935	0.95935	1.07433
5528	2.44971	0.9719	0.9719	1.07159
5529	2.4769	1.00175	1.00175	1.07074
5530	2.4643	0.98415	0.98415	1.06855
5531	2.38262	0	0	0
5532	2.59061	0.95178	0.95178	1.17385
5533	2.53197	0.93856	0.93856	1.15605
5534	2.53416	0.82535	0.82535	0.96557

5535	2.49842	0.88768	0.88768	1.11541
5536	2.47551	0.86263	0.86263	1.10459
5537	2.54151	0	0	0
5538	2.58367	0.82458	0.82458	0.8447
5539	2.54052	0.87745	0.87745	0.86353
5540	2.56552	0.54988	0.54988	0.81414
5541	2.55864	0.76796	0.76796	0.92489
5542	2.54912	0.79392	0.79392	0.94276
5543	2.60644	0.75621	0.75621	0.83946
5544	2.59291	0.93115	0.93115	1.00092
5545	2.4948	1.00982	1.00982	1.0985
5546	2.48001	1.01744	1.01744	1.08562
5547	2.65541	0.89397	0.89397	0.96722
5548	2.65999	1.03111	1.03111	1.11213
5549	2.66235	1.02849	1.02849	1.1578
5550	2.56046	0.83557	0.83557	0.85547
5551	2.51333	0	0	0
5552	2.6995	0.96753	0.96753	1.07675
5553	2.56515	0.94676	0.94676	1.00805
5554	2.50132	0.92021	0.92021	0.96102
5555	2.44365	0.8852	0.8852	0.90014
5556	2.40349	0.82848	0.82848	0.80532
5557	2.36108	0	0	0
5558	2.54426	0	0	0
5559	2.49469	0	0	0
5560	2.31936	1.03464	1.03464	1.12002
5561	2.30879	0.66453	0.66453	1.01064
5562	2.30294	1.02882	1.02882	1.10538
5563	2.30563	1.02461	1.02461	1.10672
5564	2.28622	1.02121	1.02121	1.08664
5565	2.28714	1.01706	1.01706	1.08785
5566	2.21509	0	0	0
5567	2.21372	0.79192	0.79192	0.73689
5568	2.216	0.84501	0.84501	0.8248
5569	2.2342	0.87858	0.87858	0.88189
5570	2.23593	0	0	0
5571	2.25427	0.79694	0.79694	0.75744
5572	2.26739	0.85149	0.85149	0.85291
5573	2.23794	0	0	0
5574	2.27651	0.90391	0.90391	0.91952
5575	2.26678	0.96585	0.96585	1.01954

5576	2.26157	0.99922	0.99922	1.06779
5577	2.268	1.00543	1.00543	1.07294
5578	2.28232	1.01255	1.01255	1.08313
5579	2.30228	0.83285	0.83285	0.86994
5580	2.30501	0.77997	0.77997	0.78392
5581	2.30665	0	0	0
5582	2.29754	0	0	0
5583	2.24844	0	0	0
5584	2.29114	0	0	0
5585	2.28637	0.79725	0.79725	0.76345
5586	2.29286	0.85065	0.85065	0.85948
5587	2.29353	0.88209	0.88209	0.90554
5588	2.71557	1.14668	1.14668	1.20296
5589	2.76592	1.15058	1.15058	1.21856
5590	2.78169	1.15459	1.15459	1.22648
5591	2.7882	1.19117	1.19117	1.25367
5592	2.65576	0.78467	0.78467	0.81702
5593	2.71421	1.15349	1.15349	1.07854
5594	2.75623	1.19306	1.19306	1.24137
5595	2.65447	0.87049	0.87049	0.89365
5596	2.65624	1.1044	1.1044	1.20988
5597	2.57781	1.0874	1.0874	1.16303
5598	2.59362	1.09013	1.09013	1.16611
5599	2.60527	1.20644	1.20644	1.11391
5600	2.61406	1.20849	1.20849	1.11564
5601	2.58775	0.70708	0.70708	0.91415
5602	2.61532	1.21083	1.21083	1.07878
5603	2.64083	1.21483	1.21483	1.11898
5604	2.6721	1.21529	1.21529	1.14183
5605	2.5334	0.82508	0.82508	0.97578
5606	2.52937	0.77575	0.77575	0.95984
5607	2.52288	0.62279	0.62279	0.93862
5608	2.56811	0.88726	0.88726	0.92203
5609	2.53778	0.91784	0.91784	0.94302
5610	2.53768	0.95681	0.95681	0.88117
5611	2.55966	0.9427	0.9427	0.96552
5612	2.51723	0.83065	0.83065	0.8209
5613	2.47326	0	0	0
5614	2.54013	1.1942	1.1942	1.12228
5615	2.54399	1.19699	1.19699	1.11842
5616	2.55458	1.19832	1.19832	1.11797

5617	2.56462	1.20071	1.20071	1.11219
5618	2.6039	1.20127	1.20127	1.16542
5619	2.50731	0.83239	0.83239	0.794
5620	2.50955	0	0	0
5621	2.5142	0	0	0
5622	2.55999	0	0	0
5623	2.69068	1.21764	1.21764	1.16982
5624	2.67808	1.21648	1.21648	1.15153
5625	2.51786	0	0	0
5626	2.67297	1.2012	1.2012	1.18906
5627	2.70581	1.05442	1.05442	0.91509
5628	2.6876	1.21784	1.21784	1.17399
5629	2.68978	1.214	1.214	1.10849
5630	2.6822	1.21142	1.21142	1.13983
5631	2.6849	1.20801	1.20801	1.15497
5632	2.81915	0.84084	0.84084	1.08322
5633	2.69715	1.21462	1.21462	1.11124
5634	2.83549	0.86032	0.86032	1.08301
5635	2.85025	0.87639	0.87639	1.08468
5636	2.56409	1.08203	1.08203	1.17452
5637	2.56951	1.03259	1.03259	1.05231
5638	2.55891	1.02467	1.02467	1.05244
5639	2.60971	1.00292	1.00292	1.1132
5640	2.58361	1.01687	1.01687	1.11063
5641	2.63868	0.99284	0.99284	1.14017
5642	2.57177	0.98048	0.98048	1.09986
5643	2.54692	0.9671	0.9671	1.07319
5644	2.51423	0.95105	0.95105	1.04048
5645	2.5025	0.87822	0.87822	0.928
5646	2.48963	0.93186	0.93186	1.01778
5647	2.46306	0	0	0
5648	2.50703	0.95619	0.95619	1.02301
5649	2.50197	1.00265	1.00265	1.09247
5650	2.45479	0.88332	0.88332	0.88827
5651	2.44369	0.82857	0.82857	0.79852
5652	2.51615	0.76809	0.76809	0.75897
5653	2.50172	0.88085	0.88085	0.91553
5654	2.49267	0.93709	0.93709	0.99434
5655	2.50218	0.42752	0.42752	0.51627
5656	2.47803	0.31865	0.31865	0.48063
5657	2.53363	0.7635	0.7635	0.74255

5658	2.44248	0	0	0
5659	2.44883	0	0	0
5660	2.43157	0	0	0
5661	2.5364	0	0	0
5662	2.56689	0.34033	0.34033	0.56509
5663	2.6318	0.84247	0.84247	0.84307
5664	2.53598	0	0	0
5665	2.57687	0.83811	0.83811	0.8294
5666	2.51324	0	0	0
5667	2.93263	0.7853	0.7853	0.82513
5668	2.8844	1.27379	1.27379	1.26216
5669	2.82187	1.22043	1.22043	1.21678
5670	2.77734	1.10512	1.10512	1.19535
5671	2.77494	1.1128	1.1128	1.24617
5672	2.8439	0.88991	0.88991	1.07655
5673	2.67462	0.90616	0.90616	0.99749
5674	2.67144	0.9274	0.9274	0.99692
5675	2.69308	1.06128	1.06128	1.1983
5676	2.64571	1.05352	1.05352	1.18678
5677	2.59425	1.04463	1.04463	1.16571
5678	2.52185	1.03354	1.03354	1.13837
5679	2.52085	0.96522	0.96522	1.03369
5680	2.45072	0.94276	0.94276	0.98938
5681	2.40611	0.91711	0.91711	0.94309
5682	2.36609	0.88212	0.88212	0.88343
5683	2.32926	0.82506	0.82506	0.78915
5684	2.31394	0	0	0
5685	2.46815	0.9614	0.9614	1.00738
5686	2.4553	0.94382	0.94382	0.98859
5687	2.39687	0.91705	0.91705	0.93687
5688	2.36768	0.88279	0.88279	0.88078
5689	2.34415	0.82712	0.82712	0.78679
5690	2.31766	0	0	0
5691	2.74428	0.81614	0.81614	0.8384
5692	2.79244	0.78263	0.78263	0.75189
5693	2.75554	1.40555	1.40555	1.25743
5694	2.79798	1.40449	1.40449	1.21394
5695	2.74172	1.38896	1.38896	0
5696	2.7487	1.40346	1.40346	1.15832
5697	2.72702	1.40234	1.40234	1.10329
5698	2.72894	1.40669	1.40669	1.27798

5699	2.73868	1.40627	1.40627	1.26034
5700	2.69513	1.40393	1.40393	1.1553
5701	2.81151	0.73129	0.73129	0.73074
5702	2.70597	1.19822	1.19822	1.12061
5703	2.67337	1.19889	1.19889	1.07086
5704	2.69567	1.21708	1.21708	1.19487
5705	2.6759	1.17339	1.17339	0.38402
5706	2.8321	1.16241	1.16241	1.14443
5707	2.71029	1.16116	1.16116	1.08199
5708	2.65644	0.78541	0.78541	0.79219
5709	2.66208	0.81545	0.81545	0.80287
5710	2.75561	0.85731	0.85731	0.88791
5711	2.74342	0.99475	0.99475	1.13012
5712	2.74225	1.00327	1.00327	1.12107
5713	2.72133	1.09323	1.09323	1.13376
5714	2.71817	1.17136	1.17136	1.09914
5715	2.72334	1.16121	1.16121	1.03227
5716	2.85321	1.16196	1.16196	1.15477
5717	2.74035	1.2052	1.2052	1.22386
5718	2.72228	1.17223	1.17223	1.10057
5719	2.66613	0.72689	0.72689	0.59762
5720	2.74158	1.10527	1.10527	1.26533
5721	2.74129	1.10768	1.10768	1.26297
5722	2.74004	1.13673	1.13673	1.30785
5723	2.72919	1.02795	1.02795	1.24534
5724	2.7347	0.36718	0.36718	0.622
5725	2.73636	1.11626	1.11626	1.13515
5726	2.74824	1.16477	1.16477	1.30942
5727	2.67801	0.72935	0.72935	0.64637
5728	2.62707	1.03744	1.03744	1.00888
5729	2.61916	0.14144	0.14144	0.24471
5730	2.65282	1.02744	1.02744	1.00275
5731	2.5977	1.07269	1.07269	1.22423
5732	2.59342	0.99392	0.99392	1.09986
5733	2.57623	1.0127	1.0127	1.11075
5734	2.57348	1.02094	1.02094	1.1203
5735	2.52683	1.00037	1.00037	1.08649
5736	2.50832	0.98863	0.98863	1.07265
5737	2.51134	0.96222	0.96222	1.03013
5738	2.46987	0.94233	0.94233	0.99385
5739	2.43511	0.91783	0.91783	0.9541

5740	2.40798	0	0	0
5741	2.409	0.88463	0.88463	0.89616
5742	2.3827	0	0	0
5743	2.4222	0	0	0
5744	2.52689	0.39036	0.39036	0.6641
5745	2.49178	0.96865	0.96865	1.04811
5746	2.49157	0.86492	0.86492	0.87943
5747	2.42863	0.83218	0.83218	0.81062
5748	2.42797	0.88597	0.88597	0.90006
5749	2.39271	0	0	0
5750	2.38998	0.13859	0.13859	0.23044
5751	2.47042	0	0	0
5752	2.68049	1.15048	1.15048	1.31739
5753	2.70486	1.15418	1.15418	1.31837
5754	2.72944	0.88919	0.88919	1.06735
5755	2.71518	0.83182	0.83182	1.06329
5756	2.4784	0.82293	0.82293	0.80429
5757	2.44344	0	0	0
5758	2.64495	1.10772	1.10772	1.27279
5759	2.66111	1.14717	1.14717	1.32444
5760	2.62005	1.10351	1.10351	1.26282
5761	2.5813	1.09727	1.09727	1.2526
5762	2.50802	0.82884	0.82884	0.77399
5763	2.54189	1.07587	1.07587	1.22247
5764	2.53907	1.08989	1.08989	1.23614
5765	2.34691	0	0	0
5766	2.49619	0	0	0
5767	2.46802	0.36233	0.36233	0.64433
5768	2.53323	1.05993	1.05993	1.2106
5769	2.5338	1.06495	1.06495	1.20856
5770	2.51539	1.05362	1.05362	1.20646
5771	2.46673	0.9079	0.9079	0.87743
5772	2.50091	1.04746	1.04746	1.20626
5773	2.51787	1.0079	1.0079	1.14284
5774	2.49376	1.01555	1.01555	1.19482
5775	2.49192	1.02143	1.02143	1.1836
5776	2.46355	0.94453	0.94453	1.02841
5777	2.46529	0.99749	0.99749	1.11391
5778	2.45583	0.927	0.927	0.99679
5779	2.38581	0.90042	0.90042	0.93721
5780	2.3685	0.86766	0.86766	0.88485

5781	2.34164	0.8127	0.8127	0.78731
5782	2.31784	0	0	0
5783	2.42879	0.441	0.441	0.75886
5784	2.44995	0.82173	0.82173	0.80837
5785	2.43072	0	0	0
5786	2.44046	0.90346	0.90346	0.93562
5787	2.4243	0.87071	0.87071	0.88381
5788	2.41146	0.81688	0.81688	0.80498
5789	2.34931	0	0	0
5790	2.4174	0.90751	0.90751	0.72489
5791	2.41445	0.8743	0.8743	0.73108
5792	2.41428	0.82103	0.82103	0.76212
5793	2.41283	0.47999	0.47999	0.78403
5794	2.47197	0.73554	0.73554	1.16646
5795	2.47227	0.79776	0.79776	1.15699
5796	2.46798	0.83487	0.83487	1.15562
5797	2.47824	0.90643	0.90643	1.17913
5798	2.47876	0.85963	0.85963	1.1654
5799	2.45225	0	0	0
5800	2.44882	0.90772	0.90772	0.95472
5801	2.39376	0.81996	0.81996	0.79535
5802	2.47916	0.98475	0.98475	1.18349
5803	2.47785	0.91839	0.91839	1.17731
5804	2.48393	0.99523	0.99523	1.18467
5805	2.49178	1.00443	1.00443	1.18709
5806	2.538	0.54717	0.54717	0.93338
5807	2.50317	1.01332	1.01332	1.19196
5808	2.52533	0.88251	0.88251	0.94696
5809	2.54974	0.92391	0.92391	0.92038
5810	2.43458	0.82738	0.82738	0.80706
5811	2.41168	0	0	0
5812	2.58761	0.88263	0.88263	0.98322
5813	2.57376	0.97294	0.97294	1.1168
5814	2.61802	1.05003	1.05003	1.23833
5815	2.6163	1.02048	1.02048	1.2342
5816	2.62088	1.08425	1.08425	1.22172
5817	2.61218	1.10019	1.10019	1.23539
5818	2.58844	1.10344	1.10344	1.21843
5819	2.51564	0.8503	0.8503	0.89501
5820	2.51757	0.88364	0.88364	0.92908
5821	2.4708	0.82731	0.82731	0.82333

5822	2.4531	0	0	0
5823	2.41322	0	0	0
5824	2.40942	0.88396	0.88396	0.89842
5825	2.37209	0	0	0
5826	2.45273	0.91865	0.91865	0.96017
5827	2.5001	0.94415	0.94415	1.01071
5828	2.56963	0.83968	0.83968	0.84112
5829	2.57123	0.99235	0.99235	1.1047
5830	2.49346	0	0	0
5831	2.47403	0.817	0.817	0.8306
5832	2.46285	0.7633	0.7633	0.77727
5833	2.54177	0.82669	0.82669	0.84456
5834	2.45983	0.49173	0.49173	0.74487
5835	2.50532	0	0	0
5836	2.47262	0.90865	0.90865	1.00105
5837	2.45042	0.89516	0.89516	0.99082
5838	2.47082	0.84174	0.84174	0.89441
5839	2.45513	0.80919	0.80919	0.82818
5840	2.41827	0.75343	0.75343	0.69198
5841	2.38488	0	0	0
5842	2.36227	0.35437	0.35437	0.47149
5843	2.39023	0.75405	0.75405	0.75798
5844	2.69648	1.01428	1.01428	0.92759
5845	2.62783	1.13407	1.13407	1.2225
5846	2.66038	1.13796	1.13796	1.23123
5847	2.66228	1.15254	1.15254	1.26921
5848	2.63217	1.15249	1.15249	1.2079
5849	2.62366	1.09128	1.09128	1.20393
5850	2.6548	1.0961	1.0961	1.21342
5851	2.68777	1.10099	1.10099	1.26968
5852	2.71859	1.09387	1.09387	1.27781
5853	2.68513	1.0918	1.0918	1.2704
5854	2.73119	1.10923	1.10923	0.89101
5855	2.63242	1.20529	1.20529	0.92782
5856	2.63128	1.20658	1.20658	1.10466
5857	2.68506	1.20894	1.20894	1.23268
5858	2.67299	1.40185	1.40185	0.9393
5859	2.64459	1.40625	1.40625	1.14896
5860	2.66455	1.4019	1.4019	0.88242
5861	2.705	1.4044	1.4044	0.75516
5862	2.62	1.20561	1.20561	0.83703

5863	2.64689	1.2287	1.2287	0.74053
5864	2.58126	0.88381	0.88381	0.78474
5865	2.58372	1.11442	1.11442	0.72466
5866	2.60755	0.82344	0.82344	1.09924
5867	2.61056	0.90729	0.90729	1.11851
5868	2.62289	0.90058	0.90058	1.11976
5869	2.64063	1.11178	1.11178	0.80265
5870	2.58635	1.14719	1.14719	1.25933
5871	2.58715	1.14504	1.14504	1.27091
5872	2.55466	1.1393	1.1393	1.26549
5873	2.55607	1.10632	1.10632	1.2187
5874	2.50906	1.09935	1.09935	1.20238
5875	2.51471	1.08579	1.08579	1.17861
5876	2.50333	1.08157	1.08157	1.17161
5877	2.48122	1.07554	1.07554	1.1688
5878	2.47675	1.071	1.071	1.18109
5879	2.4343	0	0	0
5880	2.43232	1.05956	1.05956	1.15878
5881	2.42605	1.05515	1.05515	1.16126
5882	2.42091	1.05042	1.05042	1.19931
5883	2.44573	0.87559	0.87559	0.92267
5884	2.40971	0.81987	0.81987	0.81021
5885	2.3758	0	0	0
5886	2.39997	1.02907	1.02907	1.19023
5887	2.38226	0.85766	0.85766	0.89429
5888	2.37735	0.95959	0.95959	1.08188
5889	2.37234	0.96377	0.96377	1.07477
5890	2.34127	0.90663	0.90663	0.96878
5891	2.34173	0.88036	0.88036	0.9196
5892	2.30521	0.12245	0.12245	0.2442
5893	2.30437	0.80951	0.80951	0.77348
5894	2.31178	0.10555	0.10555	0.21145
5895	2.3451	0.74888	0.74888	0.66952
5896	2.37199	0.8038	0.8038	0.78152
5897	2.30821	0.10549	0.10549	0.20982
5898	2.2897	0	0	0
5899	2.37309	0.95181	0.95181	1.05801
5900	2.36754	0.93735	0.93735	1.03475
5901	2.36891	0.89826	0.89826	0.96074
5902	2.34956	0.86588	0.86588	0.89587
5903	2.33411	0.81198	0.81198	0.7852

5904	2.32013	0	0	0
5905	2.30473	0	0	0
5906	2.48426	1.04187	1.04187	1.15875
5907	2.47142	1.00888	1.00888	1.10237
5908	2.46799	1.03515	1.03515	1.15119
5909	2.45963	0.99947	0.99947	1.09555
5910	2.44228	0.9884	0.9884	1.08564
5911	2.42574	0.97712	0.97712	1.06653
5912	2.39412	0.96276	0.96276	1.03511
5913	2.36895	0.94642	0.94642	1.00135
5914	2.33242	0.92592	0.92592	0.96199
5915	2.30161	0.90068	0.90068	0.91043
5916	2.28949	0.86846	0.86846	0.85431
5917	2.27031	0.81341	0.81341	0.75751
5918	2.2568	0	0	0
5919	2.40353	0.87992	0.87992	0.89534
5920	2.35487	0.8223	0.8223	0.78698
5921	2.2977	0	0	0
5922	2.42968	0.91243	0.91243	0.948
5923	2.40496	0.87887	0.87887	0.89179
5924	2.38526	0.82374	0.82374	0.79792
5925	2.37788	0	0	0
5926	2.46672	0.76434	0.76434	1.07934
5927	2.46428	0.59125	0.59125	1.07524
5928	2.45867	0.5944	0.5944	1.06802
5929	2.4582	0.76554	0.76554	1.06886
5930	2.46313	0.81587	0.81587	1.0655
5931	2.46749	0.82339	0.82339	0.81296
5932	2.45108	0	0	0
5933	2.48759	0	0	0
5934	2.48442	0.9402	0.9402	1.08002
5935	2.48413	0.95599	0.95599	1.06516
5936	2.46057	0.89663	0.89663	0.87661
5937	2.49391	1.00427	1.00427	1.11392
5938	2.49517	1.01846	1.01846	1.11864
5939	2.51523	1.02752	1.02752	1.12686
5940	2.52395	1.03419	1.03419	1.13456
5941	2.42404	0.42272	0.42272	0.75611
5942	2.44132	0.82497	0.82497	0.8019
5943	2.37658	0	0	0
5944	2.41871	0	0	0

5945	2.57415	1.04359	1.04359	1.14641
5946	2.57148	1.05707	1.05707	1.16017
5947	2.48688	0.83011	0.83011	0.8173
5948	2.42527	0	0	0
5949	2.58305	1.06128	1.06128	1.17244
5950	2.59983	1.06624	1.06624	1.1798
5951	2.62447	1.05502	1.05502	1.11319
5952	2.62903	1.04679	1.04679	1.10019
5953	2.62747	0.98965	0.98965	1.06774
5954	2.64542	0.98532	0.98532	1.07641
5955	2.74243	0.84241	0.84241	0.8608
5956	2.76793	1.0101	1.0101	1.12484
5957	2.69389	0.97772	0.97772	1.08991
5958	2.55514	0.97977	0.97977	1.05266
5959	2.59861	1.0675	1.0675	1.01687
5960	2.54052	1.0604	1.0604	0.99836
5961	2.71303	0.9861	0.9861	1.12397
5962	2.71367	0.99324	0.99324	1.14527
5963	2.70086	0	0	0
5964	2.96038	1.04955	1.04955	1.20591
5965	2.87932	0.63534	0.63534	0.84827
5966	2.88468	1.02613	1.02613	1.17839
5967	2.87435	1.04058	1.04058	1.18584
5968	2.86691	0.97088	0.97088	1.13169
5969	2.86908	1.01731	1.01731	1.16939
5970	2.74364	0.9563	0.9563	1.08671
5971	2.70101	0.89472	0.89472	0.9434
5972	2.6008	0.83491	0.83491	0.84325
5973	2.53721	0	0	0
5974	2.70764	0	0	0
5975	2.71459	1.216	1.216	1.10268
5976	2.73155	1.21545	1.21545	1.1216
5977	2.54472	1.21014	1.21014	1.15537
5978	2.60753	1.20945	1.20945	1.16748
5979	2.68034	1.2152	1.2152	1.11961
5980	2.50093	0.87479	0.87479	0.90985
5981	2.45034	0.81669	0.81669	0.79987
5982	2.44819	0	0	0
5983	2.46748	0.86975	0.86975	0.91603
5984	2.4658	0.9245	0.9245	1.00938
5985	2.43843	0	0	0

5986	2.44331	0.81357	0.81357	0.81842
5987	2.40357	0	0	0
5988	2.76072	0.97652	0.97652	1.09323
5989	2.7676	0.96513	0.96513	1.09585
5990	2.8278	0.95201	0.95201	1.15057
5991	2.76627	0.93688	0.93688	1.14425
5992	2.74687	0.91943	0.91943	1.12853
5993	2.7433	0.80908	0.80908	0.87441
5994	2.6131	0.8071	0.8071	0.85487
5995	2.50198	0	0	0
5996	2.72355	0	0	0
5997	2.48615	1.21101	1.21101	1.12991
5998	2.46954	1.21125	1.21125	1.12104
5999	2.4509	1.2114	1.2114	1.10798
6000	2.48026	1.06721	1.06721	1.26634
6001	2.49055	1.20824	1.20824	1.12851
6002	2.48857	0	0	0
6003	2.39427	0.24018	0.24018	0.37818
6004	2.49819	0.8464	0.8464	0.88423
6005	2.4968	1.02384	1.02384	1.15617
6006	2.48001	1.03624	1.03624	1.26853
6007	2.47787	1.03904	1.03904	1.2662
6008	2.4772	1.02867	1.02867	1.23491
6009	2.43488	0.81485	0.81485	0.82047
6010	2.43514	0.96859	0.96859	1.06052
6011	2.43336	0.9883	0.9883	1.09061
6012	2.43158	0.99648	0.99648	1.10063
6013	2.39258	0	0	0
6014	2.37988	0.92025	0.92025	0.97233
6015	2.3967	0	0	0
6016	2.34513	0.89464	0.89464	0.9293
6017	2.31402	0.85976	0.85976	0.87094
6018	2.29615	0.80385	0.80385	0.77953
6019	2.29354	0	0	0
6020	2.45403	1.01208	1.01208	1.04253
6021	2.48748	1.07991	1.07991	1.25767
6022	2.44478	0.87602	0.87602	1.04322
6023	2.45799	1.01257	1.01257	1.11968
6024	2.41781	1.0023	1.0023	1.10146
6025	2.42722	0.97682	0.97682	1.0749
6026	2.412	0.96488	0.96488	1.05628

6027	2.41418	0.74652	0.74652	0.72898
6028	2.38131	0.14124	0.14124	0.22374
6029	2.38338	0.81034	0.81034	0.80658
6030	2.40014	0.93887	0.93887	1.01189
6031	2.40088	0.8664	0.8664	0.89767
6032	2.38323	0.81028	0.81028	0.80746
6033	2.41015	0.81245	0.81245	0.81236
6034	2.40451	0	0	0
6035	2.37455	0	0	0
6036	2.37623	0	0	0
6037	2.49349	1.08256	1.08256	1.24204
6038	2.52377	1.12291	1.12291	1.21875
6039	2.51738	1.1251	1.1251	1.24533
6040	2.51014	1.08666	1.08666	1.23566
6041	2.44559	1.05685	1.05685	1.14009
6042	2.42041	1.05115	1.05115	1.13349
6043	2.39529	1.04474	1.04474	1.12965
6044	2.36784	1.03783	1.03783	1.11833
6045	2.37139	1.02909	1.02909	1.11047
6046	2.35338	1.02241	1.02241	1.11099
6047	2.35969	1.00582	1.00582	1.10126
6048	2.35894	0.86253	0.86253	0.87778
6049	2.34534	0.9737	0.9737	1.04431
6050	2.34672	0.95918	0.95918	1.02488
6051	2.33367	0.94549	0.94549	1.0114
6052	2.29111	0.88678	0.88678	0.91222
6053	2.31713	0.80378	0.80378	0.78833
6054	2.27911	0.85391	0.85391	0.86067
6055	2.2726	0.79903	0.79903	0.77425
6056	2.26425	0	0	0
6057	2.30828	0	0	0
6058	2.31322	0.80441	0.80441	0.78462
6059	2.32338	0.27863	0.27863	0.44115
6060	2.35381	0.80754	0.80754	0.79477
6061	2.34655	0	0	0
6062	2.31359	0	0	0
6063	2.34558	0	0	0
6064	2.54662	1.15248	1.15248	1.26058
6065	2.54087	1.1507	1.1507	1.2604
6066	2.50872	1.04043	1.04043	1.08641
6067	2.5574	1.15478	1.15478	1.26168

6068	2.47462	0	0	0
6069	2.4989	1.03916	1.03916	1.13609
6070	2.4664	0.85711	0.85711	1.02709
6071	2.4465	1.03023	1.03023	1.12153
6072	2.41795	1.02313	1.02313	1.11735
6073	2.40418	0.90015	0.90015	0.94298
6074	2.39985	0.95484	0.95484	1.02473
6075	2.39732	0.98667	0.98667	1.06757
6076	2.39805	1.01555	1.01555	1.1106
6077	2.37688	0.86618	0.86618	0.88445
6078	2.36129	0.81036	0.81036	0.79869
6079	2.34588	0	0	0
6080	2.35026	0	0	0
6081	2.36741	0.8109	0.8109	0.79917
6082	2.35131	0	0	0
6083	2.36095	0.81062	0.81062	0.79802
6084	2.33008	0	0	0
6085	2.34365	0.80942	0.80942	0.79698
6086	2.3563	0.86491	0.86491	0.88173
6087	2.71147	1.21241	1.21241	1.21099
6088	2.70478	1.21093	1.21093	1.2088
6089	2.66176	1.20911	1.20911	1.19987
6090	2.63245	1.20633	1.20633	1.19776
6091	2.52297	0	0	0
6092	2.59417	0.82362	0.82362	0.84299
6093	2.55035	0.94744	0.94744	1.01337
6094	2.51695	0.92755	0.92755	0.97855
6095	2.48599	0.9024	0.9024	0.95235
6096	2.45149	0.86909	0.86909	0.906
6097	2.41261	0.81155	0.81155	0.8093
6098	2.38633	0	0	0
6099	2.62444	1.20422	1.20422	1.19998
6100	2.58063	1.15464	1.15464	1.25019
6101	2.62336	1.20286	1.20286	1.20419
6102	2.57512	1.14847	1.14847	1.25634
6103	2.57031	1.15237	1.15237	1.25051
6104	2.49376	0.92118	0.92118	0.98826
6105	2.49536	0.82914	0.82914	0.86107
6106	2.46355	0.78745	0.78745	0.79263
6107	2.43526	0.70148	0.70148	0.65338
6108	2.41478	0.41437	0.41437	0.43481

6109	2.43686	0.70206	0.70206	0.70422
6110	2.47139	0.78787	0.78787	0.81831
6111	2.50756	0.82986	0.82986	0.87616
6112	2.5778	1.14604	1.14604	1.26399
6113	2.49595	0	0	0
6114	2.58999	1.14636	1.14636	1.28256
6115	2.58922	1.14519	1.14519	1.27566
6116	2.50887	0.9458	0.9458	1.01054
6117	2.50223	0.19729	0.19729	0.27107
6118	2.48921	0.92657	0.92657	0.98513
6119	2.47009	0.90249	0.90249	0.95069
6120	2.44958	0.87028	0.87028	0.90187
6121	2.4385	0.81432	0.81432	0.81685
6122	2.43298	0	0	0
6123	2.43318	0.817	0.817	0.8167
6124	2.40171	0	0	0
6125	2.69506	1.00271	1.00271	1.08147
6126	2.60767	0.98909	0.98909	1.05291
6127	2.53822	0.97489	0.97489	1.03338
6128	2.46552	0.95878	0.95878	1.0241
6129	2.40771	0.86784	0.86784	0.87372
6130	2.40809	0.86829	0.86829	0.88748
6131	2.41095	0	0	0
6132	2.36526	0.80949	0.80949	0.77557
6133	2.32584	0	0	0
6134	2.36334	0	0	0
6135	2.50599	0	0	0
6136	2.52811	0.81958	0.81958	0.82147
6137	2.56483	0.87611	0.87611	0.91325
6138	2.57094	0.90945	0.90945	0.95288
6139	2.58568	0.93398	0.93398	0.97979
6140	2.6479	0.95447	0.95447	1.02051
6141	2.76713	1.18958	1.18958	1.21248
6142	2.78488	1.1855	1.1855	1.21135
6143	2.7995	1.21812	1.21812	1.24153
6144	2.80463	1.20379	1.20379	1.25687
6145	2.79032	1.21875	1.21875	1.23147
6146	2.82024	1.22081	1.22081	1.23452
6147	2.84755	1.22822	1.22822	1.26038
6148	2.84768	1.22291	1.22291	1.24417
6149	2.79509	1.19733	1.19733	1.0794

6150	2.87139	1.23989	1.23989	1.26435
6151	2.88318	1.23376	1.23376	1.26568
6152	2.89074	1.23315	1.23315	1.26638
6153	2.48827	0	0	0
6154	2.50726	0.82322	0.82322	0.82403
6155	2.53381	0.88179	0.88179	0.91083
6156	2.57735	0.91598	0.91598	0.96354
6157	2.57494	0.95664	0.95664	1.02385
6158	2.51665	0	0	0
6159	2.67304	0.97413	0.97413	1.03016
6160	2.6725	1.06692	1.06692	1.17756
6161	2.67566	1.03043	1.03043	1.11826
6162	2.63945	1.02174	1.02174	1.10058
6163	2.60553	1.01299	1.01299	1.08962
6164	2.57073	1.00063	1.00063	1.07624
6165	2.50975	0.98746	0.98746	1.05385
6166	2.45367	0.97355	0.97355	1.03005
6167	2.44373	0.90646	0.90646	0.94085
6168	2.44381	0.96088	0.96088	1.01958
6169	2.37319	0	0	0
6170	2.40245	0.81683	0.81683	0.7992
6171	2.3967	0.87068	0.87068	0.88438
6172	2.35869	0.81315	0.81315	0.79204
6173	2.34011	0	0	0
6174	2.73644	0.9625	0.9625	1.05336
6175	2.75143	0.92731	0.92731	0.98421
6176	2.75459	0.97187	0.97187	1.06378
6177	2.71869	0.83876	0.83876	0.85809
6178	2.6045	0	0	0
6179	2.6189	0.97537	0.97537	1.05083
6180	2.57171	0.95865	0.95865	1.01575
6181	2.52068	0.93781	0.93781	0.97753
6182	2.47521	0.9122	0.9122	0.9398
6183	2.47407	0.87896	0.87896	0.89711
6184	2.44772	0.82306	0.82306	0.8154
6185	2.43043	0	0	0
6186	2.90891	1.19906	1.19906	1.124
6187	2.94102	1.24447	1.24447	1.24907
6188	2.91128	1.16915	1.16915	1.23025
6189	3.10736	1.27903	1.27903	1.23983
6190	3.10185	1.27848	1.27848	1.24232

6191	3.03553	1.27708	1.27708	1.22004
6192	2.99918	1.27468	1.27468	1.21182
6193	2.89738	1.26239	1.26239	1.12974
6194	2.87608	1.20796	1.20796	0.97173
6195	2.80467	0.84604	0.84604	0.86433
6196	2.67266	0	0	0
6197	2.84248	0.847	0.847	0.87628
6198	2.68845	0	0	0
6199	2.87371	0.67245	0.67245	0.82791
6200	2.89842	0.8487	0.8487	0.88688
6201	2.70598	0	0	0
6202	2.71426	0.89293	0.89293	0.94109
6203	2.64776	0.83508	0.83508	0.84864
6204	2.56	0	0	0
6205	2.46879	0	0	0
6206	2.49629	0.7675	0.7675	0.73731
6207	2.49959	0.8296	0.8296	0.81988
6208	2.47239	0.16596	0.16596	0.25556
6209	2.53406	0.42616	0.42616	0.50061
6210	2.57697	0.77289	0.77289	0.78762
6211	2.70177	0.98046	0.98046	1.05644
6212	2.69935	1.00292	1.00292	1.09345
6213	2.67324	0.96522	0.96522	1.04171
6214	2.57613	0	0	0
6215	2.58874	0.94361	0.94361	1.00556
6216	2.6046	0	0	0
6217	2.6194	0.82851	0.82851	0.82598
6218	2.6111	0.909	0.909	0.98406
6219	2.62646	0.78482	0.78482	0.66318
6220	2.61849	0.95602	0.95602	1.01975
6221	2.75634	0.91674	0.91674	0.98302
6222	2.7648	0.99764	0.99764	1.13434
6223	2.63766	0	0	0
6224	2.66423	0.82883	0.82883	0.85081
6225	2.5974	0.49055	0.49055	0.66582
6226	2.56458	0	0	0
6227	2.70182	0.78409	0.78409	0.968
6228	2.69664	0.88558	0.88558	1.0216
6229	2.69769	0.9173	0.9173	1.03532
6230	2.60376	0.73942	0.73942	0.91124
6231	2.56902	0.20472	0.20472	0.33953

6232	2.57188	0.76382	0.76382	0.90503
6233	2.75207	0.88884	0.88884	0.95601
6234	2.61177	0	0	0
6235	2.61987	0	0	0
6236	3.03549	1.16838	1.16838	1.21061
6237	3.02301	1.18219	1.18219	1.27742
6238	2.94116	1.16375	1.16375	1.19564
6239	2.95498	1.05363	1.05363	1.20952
6240	2.61478	0.9503	0.9503	1.0427
6241	2.59232	0.9362	0.9362	1.0632
6242	2.73873	0.99092	0.99092	1.15041
6243	2.74476	0.97825	0.97825	1.14646
6244	2.77529	0.9294	0.9294	1.00145
6245	2.77512	1.02093	1.02093	1.18136
6246	2.61427	0.83716	0.83716	0.83353
6247	2.59961	0	0	0
6248	2.52444	0	0	0
6249	2.54544	0.83147	0.83147	0.83475
6250	2.59097	0.88894	0.88894	0.92349
6251	2.98136	1.16625	1.16625	1.20217
6252	2.87644	1.15558	1.15558	1.16868
6253	2.90969	1.16481	1.16481	1.1866
6254	2.78919	0.97385	0.97385	1.04582
6255	2.81802	0.96052	0.96052	1.03528
6256	2.62029	0.83701	0.83701	0.81296
6257	2.60462	0	0	0
6258	2.56182	0.85165	0.85165	0.94862
6259	2.56833	0.92108	0.92108	1.07162
6260	2.49939	0.81234	0.81234	0.89379
6261	2.45964	0.73785	0.73785	0.83929
6262	2.43578	0.56914	0.56914	0.78058
6263	2.41372	0.69865	0.69865	0.71661
6264	2.50558	0.79076	0.79076	0.89158
6265	2.5037	0.75314	0.75314	0.89231
6266	2.53015	0.75987	0.75987	0.93329
6267	2.53479	0.81417	0.81417	0.94575
6268	2.45664	1.06129	1.06129	1.01023
6269	2.45282	1.0557	1.0557	1.00865
6270	2.26322	0.94874	0.94874	0.98818
6271	2.26451	0	0	0
6272	2.27148	0.96197	0.96197	1.011

6273	2.28218	0.97385	0.97385	1.0312
6274	2.31512	0.98783	0.98783	1.05777
6275	2.33673	0.99859	0.99859	1.07648
6276	2.34959	1.00753	1.00753	1.08966
6277	2.38664	1.0185	1.0185	1.10974
6278	2.43726	0	0	0
6279	2.43275	1.03527	1.03527	1.148
6280	2.44558	1.04136	1.04136	1.15763
6281	2.48599	1.04883	1.04883	1.1865
6282	2.46932	0.82558	0.82558	1.16755
6283	2.5092	0.80831	0.80831	1.18777
6284	2.68584	0.88225	0.88225	0.98296
6285	2.53071	0.83343	0.83343	1.19818
6286	2.65958	0.95059	0.95059	1.25941
6287	2.24053	0.91358	0.91358	0.92383
6288	2.22394	0.88844	0.88844	0.88205
6289	2.21652	0.85561	0.85561	0.82734
6290	2.21276	0.8007	0.8007	0.73614
6291	2.20813	0	0	0
6292	2.62241	0	0	0
6293	2.65857	0.82661	0.82661	0.86889
6294	2.49369	0	0	0
6295	2.52774	0.89929	0.89929	0.8736
6296	2.54381	0.80396	0.80396	0.91164
6297	2.56871	0.83268	0.83268	0.85308
6298	2.67195	1.13115	1.13115	1.1758
6299	2.65842	1.1475	1.1475	1.22621
6300	2.60661	1.15324	1.15324	1.20707
6301	2.7216	0.9899	0.9899	1.2571
6302	2.67173	0.95174	0.95174	1.16448
6303	2.68215	1.06684	1.06684	1.26939
6304	2.69592	1.00097	1.00097	1.23701
6305	2.62633	0.95207	0.95207	1.13482
6306	2.58921	0.95302	0.95302	1.11475
6307	2.58716	0.96663	0.96663	1.04317
6308	2.59209	1.00819	1.00819	1.00975
6309	2.57511	1.07729	1.07729	1.13579
6310	2.55548	1.08423	1.08423	1.11846
6311	2.48238	0	0	0
6312	2.55212	1.08871	1.08871	1.10507
6313	2.60857	1.09766	1.09766	1.12565

6314	2.66754	0	0	0
6315	2.69642	1.11138	1.11138	1.15314
6316	2.67622	1.11481	1.11481	1.13324
6317	2.66435	1.12186	1.12186	1.13961
6318	2.61257	1.04907	1.04907	0.96269
6319	2.64847	1.36723	1.36723	0.95531
6320	2.66974	1.1254	1.1254	1.20316
6321	2.54669	0.59884	0.59884	0.90441
6322	2.66559	1.04087	1.04087	1.18855
6323	2.65246	1.12065	1.12065	1.20553
6324	2.58451	1.02917	1.02917	1.15543
6325	2.52939	1.01791	1.01791	1.12853
6326	2.48623	1.00612	1.00612	1.10359
6327	2.42273	0.99193	0.99193	1.0653
6328	2.40357	0.97892	0.97892	1.0428
6329	2.38964	0.96593	0.96593	1.02818
6330	2.35056	0.94641	0.94641	0.99391
6331	2.31635	0.92586	0.92586	0.95575
6332	2.29565	0.90114	0.90114	0.91734
6333	2.26562	0.81142	0.81142	0.7556
6334	2.27528	0	0	0
6335	2.26191	0	0	0
6336	2.57899	0.98596	0.98596	1.04311
6337	2.59016	0.97188	0.97188	1.06287
6338	2.59516	0.84252	0.84252	0.84678
6339	2.49692	0	0	0
6340	2.51468	0.89347	0.89347	0.92167
6341	2.44482	0.83321	0.83321	0.81516
6342	2.4084	0	0	0
6343	2.47985	0	0	0
6344	2.55405	0.8476	0.8476	0.83029
6345	2.36075	0	0	0
6346	2.36672	0.81444	0.81444	0.78504
6347	2.37131	0.86926	0.86926	0.88128
6348	2.38161	0.90093	0.90093	0.93678
6349	2.42708	0.92673	0.92673	0.98642
6350	2.4893	0.95013	0.95013	1.04147
6351	2.64275	0.93919	0.93919	1.05088
6352	2.60782	1.03391	1.03391	1.17704
6353	2.60663	1.0472	1.0472	1.2063
6354	2.4782	0.97632	0.97632	1.05161

6355	2.48282	0.96432	0.96432	1.04854
6356	2.6349	0.91516	0.91516	1.02446
6357	2.65954	0.76718	0.76718	0.80098
6358	2.63063	0	0	0
6359	2.61084	0.82933	0.82933	0.86133
6360	2.58504	0.17527	0.17527	0.34378
6361	2.51032	0.27551	0.27551	0.53022
6362	2.51974	0.76299	0.76299	0.73071
6363	2.53258	0.21552	0.21552	0.39411
6364	2.52819	0.82001	0.82001	0.82145
6365	2.602	0.76884	0.76884	0.74748
6366	2.6002	1.05744	1.05744	1.20351
6367	2.62348	1.03631	1.03631	1.18553
6368	2.56644	0.97942	0.97942	0.98446
6369	2.54646	0.98838	0.98838	0.97366
6370	2.57068	0.99986	0.99986	0.98986
6371	2.64942	1.03868	1.03868	1.19811
6372	2.5958	0	0	0
6373	2.57275	0.94609	0.94609	1.0193
6374	2.51804	0.88713	0.88713	0.90428
6375	2.49035	0.8296	0.8296	0.81034
6376	2.49213	0	0	0
6377	2.74105	0	0	0
6378	2.65484	1.37197	1.37197	0.96008
6379	2.52574	1.0555	1.0555	1.01133
6380	2.50549	1.05105	1.05105	0.99663
6381	2.49427	1.04457	1.04457	0.98453
6382	2.45518	1.03318	1.03318	0.97158
6383	2.43158	1.02211	1.02211	0.95111
6384	2.54326	0.90546	0.90546	1.05166
6385	2.5535	0.93755	0.93755	1.10383
6386	2.52619	0.89274	0.89274	1.04588
6387	2.45805	0.88904	0.88904	0.98863
6388	2.44555	0.89087	0.89087	0.98556
6389	2.50304	0.89332	0.89332	1.05138
6390	2.48356	0.91954	0.91954	1.04461
6391	2.49153	0.90622	0.90622	1.04555
6392	2.47652	0.9293	0.9293	1.03601
6393	2.48153	0.94189	0.94189	1.01894
6394	2.48231	0	0	0
6395	2.5027	0.95294	0.95294	1.03466

6396	2.72242	0.94476	0.94476	0.99772
6397	2.80529	0.95562	0.95562	1.03372
6398	2.79644	0.93152	0.93152	0.99901
6399	2.82381	1.05666	1.05666	1.07523
6400	2.76891	1.22467	1.22467	1.09427
6401	2.82237	1.04077	1.04077	1.04655
6402	2.81007	1.0483	1.0483	1.06672
6403	2.76961	1.0343	1.0343	1.02487
6404	2.75978	1.02844	1.02844	1.02596
6405	2.72378	0.33713	0.33713	0.44058
6406	2.81041	1.05135	1.05135	1.03144
6407	2.78482	1.10875	1.10875	1.04878
6408	2.76501	1.28057	1.28057	1.19138
6409	2.77775	1.26783	1.26783	1.1433
6410	2.78239	1.04279	1.04279	1.01198
6411	2.77179	1.03873	1.03873	1.02453
6412	2.7689	1.03366	1.03366	1.02401
6413	2.73131	1.02719	1.02719	1.01104
6414	2.94542	0.83049	0.83049	0.86646
6415	2.76692	0.91592	0.91592	0.99286
6416	2.73647	0.94922	0.94922	0.99401
6417	2.75404	1.02262	1.02262	1.05006
6418	2.73252	1.02196	1.02196	1.02136
6419	2.89641	0.83093	0.83093	0.85848
6420	2.74711	0.93997	0.93997	0.91938
6421	2.73519	1.01676	1.01676	1.05165
6422	2.8647	0	0	0
6423	2.92376	0	0	0
6424	2.75063	1.2823	1.2823	1.19365
6425	2.75967	1.28198	1.28198	1.08472
6426	2.76171	1.29904	1.29904	0.96639
6427	3.18294	1.27429	1.27429	0
6428	2.76314	1.2244	1.2244	1.10804
6429	2.77669	1.25453	1.25453	0.9589
6430	3.17359	1.23377	1.23377	0
6431	2.60257	1.39923	1.39923	0.96979
6432	3.04293	1.39156	1.39156	0
6433	2.67115	1.3746	1.3746	0.55437
6434	2.6039	0.68317	0.68317	0.13587
6435	2.94088	1.16567	1.16567	0
6436	2.61304	1.37628	1.37628	1.21937

6437	2.64007	1.37766	1.37766	0
6438	3.53164	1.17013	1.17013	0
6439	6.29023	1.38405	1.38405	0
6440	2.87716	1.21112	1.21112	1.17825
6441	2.86932	1.21037	1.21037	1.24059
6442	2.86657	1.20263	1.20263	1.22803
6443	2.68876	1.27744	1.27744	1.02721
6444	3.03653	1.2784	1.2784	1.11747
6445	3.0033	1.2655	1.2655	1.16751
6446	2.95585	0.73965	0.73965	0.80872
6447	2.77147	0.86163	0.86163	0.83706
6448	2.77762	1.36341	1.36341	1.1669
6449	2.83285	1.36411	1.36411	1.23032
6450	2.8592	1.3641	1.3641	1.24552
6451	3.0692	1.36305	1.36305	1.26554
6452	3.04021	1.33726	1.33726	1.21013
6453	2.58831	1.00043	1.00043	1.09569
6454	2.67712	1.29951	1.29951	1.12288
6455	2.69649	1.30293	1.30293	0.87886
6456	2.72317	1.30242	1.30242	0.86792
6457	2.75551	1.33011	1.33011	1.00438
6458	2.71514	1.33042	1.33042	1.07388
6459	2.72426	1.33018	1.33018	0.98288
6460	2.43958	0	0	0
6461	2.53766	0.83813	0.83813	0.83446
6462	2.65547	0.90075	0.90075	0.93667
6463	2.67102	1.06016	1.06016	1.09731
6464	2.66222	1.08356	1.08356	1.17083
6465	2.63052	1.0763	1.0763	1.16441
6466	2.60085	1.07009	1.07009	1.16163
6467	2.57189	1.06322	1.06322	1.15506
6468	2.55814	1.02276	1.02276	1.15571
6469	2.54644	1.00301	1.00301	1.14569
6470	2.56013	0.99791	0.99791	1.15235
6471	2.57531	0.99786	0.99786	1.14995
6472	2.61574	0.99879	0.99879	1.17618
6473	2.46868	0	0	0
6474	2.47985	0.83282	0.83282	0.81541
6475	2.50972	0.99179	0.99179	1.01695
6476	2.4913	0.97796	0.97796	1.00851
6477	2.48255	0.96145	0.96145	0.99827

6478	2.4814	0.94391	0.94391	0.99758
6479	2.44181	0.86838	0.86838	0.78449
6480	2.47339	0	0	0
6481	2.49959	0.82423	0.82423	0.81573
6482	2.51635	0.82538	0.82538	0.82672
6483	2.54727	0.87926	0.87926	1.17164
6484	2.54264	0.92397	0.92397	1.17432
6485	2.54232	0.92922	0.92922	1.17152
6486	2.54673	0.93441	0.93441	1.16825
6487	2.55513	0.9395	0.9395	1.18365
6488	2.55505	0.94473	0.94473	1.18246
6489	2.52523	0.55238	0.55238	0.80161
6490	2.56038	0.95449	0.95449	1.17759
6491	2.54493	0.82906	0.82906	0.83527
6492	2.53205	0.88359	0.88359	0.86283
6493	2.50044	0	0	0
6494	2.58096	0.96895	0.96895	1.17621
6495	2.58572	1.01002	1.01002	1.18895
6496	2.56898	0	0	0
6497	2.58872	0.83218	0.83218	0.82747
6498	2.65323	0.89139	0.89139	0.9381
6499	2.65096	1.02573	1.02573	1.19876
6500	2.66453	1.03129	1.03129	1.19706
6501	2.65274	1.07796	1.07796	1.20102
6502	2.64557	1.09171	1.09171	1.21825
6503	2.66392	1.1189	1.1189	1.26124
6504	2.69346	1.12237	1.12237	1.27346
6505	2.63738	0.74474	0.74474	1.04277
6506	2.59863	0.92751	0.92751	1.09047
6507	2.5798	0.92358	0.92358	1.08231
6508	2.5525	0.88735	0.88735	0.92239
6509	2.57792	0.92354	0.92354	1.08721
6510	2.54139	0.93823	0.93823	1.05309
6511	2.49661	0.82786	0.82786	0.82531
6512	2.44123	0	0	0
6513	2.54864	0.95432	0.95432	1.05426
6514	2.58351	0.96969	0.96969	1.08124
6515	2.5133	0.41402	0.41402	0.65131
6516	2.62521	1.02121	1.02121	1.09049
6517	2.59164	0.9878	0.9878	1.0771
6518	2.66977	1.03146	1.03146	1.09288

6519	2.71599	0.96018	0.96018	1.0219
6520	2.51041	0.83561	0.83561	0.82808
6521	2.51773	0.11194	0.11194	0.19148
6522	2.46073	0	0	0
6523	2.57058	0.99791	0.99791	1.03879
6524	2.57752	0	0	0
6525	2.51358	0.97004	0.97004	0.97964
6526	2.46203	0.95266	0.95266	0.96022
6527	2.42822	0.93147	0.93147	0.95346
6528	2.39294	0.90608	0.90608	0.90813
6529	2.38191	0.87279	0.87279	0.85433
6530	2.36195	0.8157	0.8157	0.75046
6531	2.36091	0	0	0
6532	2.5361	0	0	0
6533	2.56972	0.84018	0.84018	0.83549
6534	2.57991	0.97119	0.97119	1.02433
6535	2.45419	0	0	0
6536	2.46101	0.83349	0.83349	0.79079
6537	2.50207	0.89162	0.89162	0.88966
6538	2.61756	0.98839	0.98839	1.05427
6539	2.62108	0.80329	0.80329	0.75054
6540	2.54914	0.74147	0.74147	0.65886
6541	2.55	0.67672	0.67672	0.70682
6542	2.58588	0.73458	0.73458	0.79197
6543	2.38616	0	0	0
6544	2.42044	0.83082	0.83082	0.80946
6545	2.44833	0.88884	0.88884	0.90445
6546	2.51078	0.92585	0.92585	0.97104
6547	2.53536	0.95096	0.95096	1.01193
6548	2.56698	0.84067	0.84067	0.84143
6549	2.56936	0.99831	0.99831	1.08779
6550	2.5646	1.01866	1.01866	1.112
6551	2.55034	0	0	0
6552	2.52038	0	0	0
6553	2.59177	1.02938	1.02938	1.10603
6554	2.59853	1.03777	1.03777	1.097
6555	2.63963	1.04717	1.04717	1.11441
6556	2.6424	1.03494	1.03494	1.09039
6557	2.64641	1.16414	1.16414	1.12101
6558	2.67168	1.15653	1.15653	1.22002
6559	2.67953	1.14509	1.14509	1.22034

6560	2.6845	1.21349	1.21349	1.27735
6561	2.67699	1.16541	1.16541	1.26798
6562	2.69636	1.16825	1.16825	1.2731
6563	2.71925	1.16777	1.16777	1.2643
6564	2.72111	1.07651	1.07651	1.22712
6565	2.69535	1.07191	1.07191	1.21555
6566	2.69662	1.06914	1.06914	1.22015
6567	2.69958	1.07065	1.07065	1.2269
6568	2.70946	1.07324	1.07324	1.20962
6569	2.72302	1.10025	1.10025	1.25568
6570	2.73173	1.1044	1.1044	1.25811
6571	2.7468	1.10736	1.10736	1.27218
6572	2.76051	1.14297	1.14297	1.32965
6573	2.55828	0	0	0
6574	2.58485	0.83917	0.83917	0.84424
6575	2.70007	0.99124	0.99124	1.10913
6576	2.69612	0.99511	0.99511	1.0982
6577	2.7429	0.91918	0.91918	1.02548
6578	2.60702	0.92844	0.92844	0.9669
6579	2.55292	0.89264	0.89264	0.91395
6580	2.50378	0.83358	0.83358	0.8213
6581	2.48309	0	0	0
6582	2.78753	1.14296	1.14296	1.3318
6583	2.81167	1.11427	1.11427	1.27107
6584	2.78212	1.11513	1.11513	1.25886
6585	2.78481	1.12293	1.12293	1.26669
6586	2.80261	1.12572	1.12572	1.26002
6587	2.82063	1.12891	1.12891	1.25459
6588	2.87924	1.13354	1.13354	1.26112
6589	2.88258	1.1096	1.1096	1.21005
6590	2.87693	1.11014	1.11014	1.19672
6591	2.6474	0.77583	0.77583	0.73669
6592	2.57592	0.25959	0.25959	0.37852
6593	2.64895	0.91255	0.91255	0.93477
6594	2.56893	0.87724	0.87724	0.8749
6595	2.69125	0.98658	0.98658	1.17037
6596	2.69115	1.08044	1.08044	1.23198
6597	2.6803	1.02663	1.02663	1.19803
6598	2.60982	1.003	1.003	1.10127
6599	2.61331	0.99179	0.99179	1.08812
6600	2.55495	0.97522	0.97522	1.05854

6601	2.55303	0.89225	0.89225	0.96252
6602	2.54935	0.88945	0.88945	0.91476
6603	2.53734	0.85804	0.85804	0.92507
6604	2.51497	0.83181	0.83181	0.82913
6605	2.49369	0	0	0
6606	2.53729	0.88938	0.88938	0.91473
6607	2.52313	0.83271	0.83271	0.83489
6608	2.47216	0	0	0
6609	2.64528	1.01832	1.01832	1.19732
6610	2.6002	1.00913	1.00913	1.19827
6611	2.58138	1.0013	1.0013	1.19459
6612	2.54183	0.99443	0.99443	1.15662
6613	2.5843	0.99225	0.99225	1.15898
6614	2.55651	0.96221	0.96221	1.04188
6615	2.55702	0.9897	0.9897	1.09637
6616	2.55595	0.88671	0.88671	1.08723
6617	2.56302	0.92618	0.92618	1.15663
6618	2.56194	0.91629	0.91629	1.15206
6619	2.55167	0.86367	0.86367	1.10187
6620	2.54672	0.89319	0.89319	1.11041
6621	2.56394	0.91347	0.91347	1.1614
6622	2.54664	0.84638	0.84638	1.10219
6623	2.55927	0.83953	0.83953	1.10748
6624	2.56228	0.90473	0.90473	1.12821
6625	2.57584	0.91556	0.91556	1.13133
6626	2.5977	0.94575	0.94575	1.19661
6627	2.59969	0.94764	0.94764	1.19983
6628	2.60507	0.95298	0.95298	1.19795
6629	2.62087	0.96127	0.96127	1.2026
6630	2.64304	1.04893	1.04893	1.23591
6631	2.6427	1.02027	1.02027	1.22814
6632	2.62069	0.9455	0.9455	1.09638
6633	2.6591	1.05516	1.05516	1.23717
6634	2.71705	1.06449	1.06449	1.24984
6635	2.80219	1.08173	1.08173	1.2745
6636	2.81291	0.85057	0.85057	1.07393
6637	2.80236	1.16678	1.16678	1.28225
6638	2.80186	1.08624	1.08624	1.26992
6639	2.67863	0.91996	0.91996	0.91454
6640	2.75756	1.15652	1.15652	1.28311
6641	2.78601	1.16326	1.16326	1.28775

6642	2.71689	1.126	1.126	1.25247
6643	2.72406	1.14483	1.14483	1.27545
6644	2.72994	1.14638	1.14638	1.27065
6645	2.65515	0.83769	0.83769	0.85324
6646	2.61808	0.59932	0.59932	0.82138
6647	2.59364	0	0	0
6648	2.66409	0.9261	0.9261	0.97787
6649	2.5947	0.88978	0.88978	0.92303
6650	2.55098	0.8318	0.8318	0.83667
6651	2.48894	0	0	0
6652	2.6557	0.98347	0.98347	1.11243
6653	2.66223	0.99503	0.99503	1.03274
6654	2.64001	0.968	0.968	1.10367
6655	2.5947	0.9495	0.9495	1.07306
6656	2.54574	0.92391	0.92391	1.05735
6657	2.49253	0	0	0
6658	2.52062	0.82808	0.82808	0.82544
6659	2.4914	0.80098	0.80098	1.01886
6660	2.48602	0.75534	0.75534	1.01682
6661	2.49952	0.76236	0.76236	1.01473
6662	2.51703	0.57554	0.57554	0.87205
6663	2.51318	0.55691	0.55691	0.84059
6664	2.5444	0.91369	0.91369	0.94193
6665	2.53813	0.77002	0.77002	0.84889
6666	2.60588	0.93989	0.93989	0.9955
6667	2.5289	0.83134	0.83134	0.9924
6668	2.57011	0.86253	0.86253	1.01322
6669	2.47702	0.82493	0.82493	0.82515
6670	2.44434	0	0	0
6671	2.61473	1.01424	1.01424	1.15158
6672	2.71082	1.00248	1.00248	1.16863
6673	2.71381	1.00654	1.00654	1.15174
6674	2.71417	1.00703	1.00703	1.15242
6675	2.71322	1.02351	1.02351	1.17118
6676	2.70129	1.06186	1.06186	1.21989
6677	2.60994	1.03911	1.03911	1.14847
6678	2.61268	0.90292	0.90292	0.95991
6679	2.52437	0.99209	0.99209	1.07426
6680	2.52443	1.00152	1.00152	1.08808
6681	2.50827	0.91258	0.91258	0.96284
6682	2.50747	0.95331	0.95331	1.02187

6683	2.50511	0.9798	0.9798	1.05736
6684	2.48458	0.8785	0.8785	0.9098
6685	2.44669	0.82084	0.82084	0.81904
6686	2.43872	0	0	0
6687	2.44308	0	0	0
6688	2.43881	0	0	0
6689	2.48838	0.28758	0.28758	0.43294
6690	2.56936	0.82863	0.82863	0.84123
6691	2.51264	0	0	0
6692	2.6964	1.06591	1.06591	1.2058
6693	2.72993	0.76195	0.76195	0.93113
6694	2.75014	1.07581	1.07581	1.20586
6695	2.75624	1.07807	1.07807	1.20977
6696	2.75606	0.78053	0.78053	0.94628
6697	2.79114	0.83646	0.83646	0.96651
6698	2.78972	0.84342	0.84342	0.87499
6699	2.6794	0	0	0
6700	2.77123	0	0	0
6701	2.64801	0.42299	0.42299	0.60124
6702	2.83636	0.89102	0.89102	0.92111
6703	2.84106	1.09637	1.09637	1.24448
6704	2.83804	1.07863	1.07863	1.19116
6705	2.83598	1.08979	1.08979	1.20904
6706	2.82331	0.97896	0.97896	1.11226
6707	2.82705	0.99579	0.99579	1.13361
6708	2.83385	0.78169	0.78169	0.83874
6709	2.69762	0.27777	0.27777	0.5599
6710	2.71433	0.67855	0.67855	0.76267
6711	2.71278	0.90037	0.90037	1.06287
6712	2.73932	0.99713	0.99713	1.15935
6713	2.76012	1.00365	1.00365	1.16411
6714	2.77405	1.00954	1.00954	1.17648
6715	2.71958	0.83627	0.83627	0.8826
6716	2.67102	0	0	0
6717	2.61778	0	0	0
6718	2.82167	0.9685	0.9685	1.0911
6719	2.82946	1.00151	1.00151	1.08688
6720	2.83961	0.98933	0.98933	1.07658
6721	2.80531	0.97363	0.97363	1.05122
6722	2.79994	0.95433	0.95433	1.02245
6723	2.80763	0.85469	0.85469	0.91815

6724	2.67768	0.35711	0.35711	0.53731
6725	2.75292	0.75755	0.75755	0.75061
6726	2.82817	0.82776	0.82776	0.86314
6727	2.84161	0.92007	0.92007	0.99414
6728	2.81926	0.85577	0.85577	0.92174
6729	2.79405	0.84171	0.84171	0.87788
6730	2.71061	0	0	0
6731	2.72708	0.8253	0.8253	1.04453
6732	2.7167	0.81887	0.81887	1.03271
6733	2.71667	0.82863	0.82863	1.02429
6734	2.71812	0.85175	0.85175	1.0193
6735	2.71787	0.8828	0.8828	1.01905
6736	2.73355	0.89861	0.89861	1.02689
6737	2.76716	0.91584	0.91584	1.04984
6738	2.89751	0.90227	0.90227	1.00157
6739	2.92	0.89522	0.89522	1.09975
6740	2.85603	0.80333	0.80333	1.01569
6741	2.85952	0.80113	0.80113	1.0025
6742	2.93393	0.99436	0.99436	1.16456
6743	2.91469	0.97313	0.97313	1.09693
6744	2.90924	0.96792	0.96792	1.03953
6745	2.91118	0.98073	0.98073	1.02806
6746	2.93411	0.79572	0.79572	0.83959
6747	2.96195	0.99806	0.99806	1.16989
6748	2.97984	0.98672	0.98672	1.15194
6749	2.68726	0.83532	0.83532	0.81682
6750	2.69587	0	0	0
6751	2.68858	0.74236	0.74236	0.91919
6752	2.67946	0.56431	0.56431	0.73708
6753	2.90587	0.78674	0.78674	0.96827
6754	2.92817	0.86698	0.86698	0.99069
6755	2.93781	0.90638	0.90638	1.0133
6756	2.90011	0.78793	0.78793	0.77094
6757	2.93315	0.82445	0.82445	0.8656
6758	2.91582	0.70699	0.70699	0.87816
6759	2.93345	0.85049	0.85049	0.92429
6760	2.97967	0.99041	0.99041	1.14671
6761	2.98567	1.00378	1.00378	1.1746
6762	2.94982	1.32433	1.32433	1.26528
6763	2.93829	1.32422	1.32422	1.26241
6764	2.90399	1.28384	1.28384	1.16398

6765	2.73675	0	0	0
6766	2.75547	0.14597	0.14597	0.30871
6767	2.75938	0.83966	0.83966	0.7753
6768	2.8075	0.84456	0.84456	0.87668
6769	2.93696	1.29534	1.29534	1.25635
6770	2.882	1.12868	1.12868	1.16209
6771	2.88153	0.84899	0.84899	0.9381
6772	2.95214	1.29545	1.29545	1.25661
6773	3.03275	1.32317	1.32317	1.30261
6774	3.03344	1.32259	1.32259	1.29773
6775	3.03125	0.97346	0.97346	1.05346
6776	3.02963	0.94358	0.94358	1.00082
6777	2.82412	0.48009	0.48009	0.60687
6778	2.86271	1.24141	1.24141	1.17949
6779	2.83846	1.25599	1.25599	1.2465
6780	2.84427	1.2548	1.2548	1.25898
6781	2.84658	1.24206	1.24206	1.21671
6782	2.79676	1.23602	1.23602	1.21434
6783	2.80229	1.23447	1.23447	1.21203
6784	2.70117	1.08423	1.08423	1.16372
6785	2.65508	1.0775	1.0775	1.15642
6786	2.62466	1.07161	1.07161	1.15046
6787	2.59913	1.06531	1.06531	1.15783
6788	2.60964	1.05068	1.05068	1.15114
6789	2.52215	0.82873	0.82873	0.83363
6790	2.49716	0	0	0
6791	2.61087	1.0447	1.0447	1.1486
6792	2.58584	1.03588	1.03588	1.14268
6793	2.59404	0.97361	0.97361	1.0401
6794	2.58191	0.95767	0.95767	1.02436
6795	2.57951	0.93957	0.93957	1.00422
6796	2.57651	0.91602	0.91602	0.97205
6797	2.42636	0	0	0
6798	2.44221	0.82145	0.82145	0.80942
6799	2.47251	0.87864	0.87864	0.89869
6800	2.47601	0.91102	0.91102	0.94706
6801	2.48661	0.93503	0.93503	0.98011
6802	2.50988	0.95476	0.95476	1.01186
6803	2.78792	0.46892	0.46892	0.73565
6804	2.80606	0.81693	0.81693	0.9443
6805	2.80736	0.80768	0.80768	0.91324

6806	2.81927	0.8479	0.8479	0.88629
6807	2.75716	0	0	0
6808	2.46287	0	0	0
6809	2.51871	0.82503	0.82503	0.8202
6810	2.55328	0.88211	0.88211	0.91894
6811	2.87093	1.05797	1.05797	1.15907
6812	2.87162	1.06592	1.06592	1.15087
6813	2.87104	1.07168	1.07168	1.18633
6814	2.87069	1.02696	1.02696	1.14854
6815	2.87437	0.8375	0.8375	1.13842
6816	2.83942	1.14421	1.14421	1.20196
6817	2.71716	1.04444	1.04444	1.12982
6818	2.67481	1.01196	1.01196	1.07959
6819	2.66562	1.036	1.036	1.11056
6820	2.57145	0.83569	0.83569	0.84304
6821	2.52767	0	0	0
6822	2.65305	1.00117	1.00117	1.07109
6823	2.5911	0.98728	0.98728	1.04808
6824	2.49674	0.96879	0.96879	1.01504
6825	2.44348	0.9497	0.9497	0.97172
6826	2.43746	0.85286	0.85286	1.00932
6827	2.44025	0.93334	0.93334	0.96106
6828	2.45247	0.86581	0.86581	1.01898
6829	2.39316	0.81768	0.81768	0.8014
6830	2.39353	0.92713	0.92713	0.96154
6831	2.35834	0.81466	0.81466	0.79163
6832	2.32871	0	0	0
6833	2.36882	0	0	0
6834	2.4744	0.89091	0.89091	1.03418
6835	2.51798	0.9123	0.9123	1.0509
6836	2.58411	0.9309	0.9309	1.08245
6837	2.75214	1.13883	1.13883	1.17899
6838	2.72133	1.13486	1.13486	1.17328
6839	2.69168	1.13043	1.13043	1.17292
6840	2.67675	1.12489	1.12489	1.17919
6841	2.62968	1.12009	1.12009	1.16395
6842	2.60393	1.11552	1.11552	1.16697
6843	2.57083	1.11141	1.11141	1.16567
6844	2.54714	1.10644	1.10644	1.1623
6845	2.52647	1.07566	1.07566	1.1569
6846	2.50988	1.07087	1.07087	1.14761

6847	2.4681	0.99435	0.99435	1.0451
6848	2.44291	0.98273	0.98273	1.02454
6849	2.41952	0.96753	0.96753	1.00857
6850	2.38957	0.95008	0.95008	0.99123
6851	2.35626	0.92875	0.92875	0.95665
6852	2.35616	0	0	0
6853	2.31475	0.86934	0.86934	0.85327
6854	2.29904	0.81238	0.81238	0.77
6855	2.28989	0	0	0
6856	2.50397	1.06594	1.06594	1.14686
6857	2.49575	1.06051	1.06051	1.14597
6858	2.50039	1.05463	1.05463	1.14886
6859	2.50579	1.048	1.048	1.15054
6860	2.51731	1.04197	1.04197	1.16106
6861	2.53125	1.03717	1.03717	1.17036
6862	2.5218	0.92754	0.92754	0.9834
6863	2.57845	1.00966	1.00966	1.24587
6864	2.57856	1.04153	1.04153	1.24055
6865	2.57433	1.0461	1.0461	1.22488
6866	2.56064	1.00004	1.00004	1.20829
6867	2.53442	0.93224	0.93224	1.01099
6868	2.53429	1.00567	1.00567	1.19195
6869	2.49502	0.90698	0.90698	0.96506
6870	2.46723	0	0	0
6871	2.46239	0.87281	0.87281	0.90932
6872	2.42312	0	0	0
6873	2.50912	1.04077	1.04077	1.16972
6874	2.50733	1.04618	1.04618	1.1693
6875	2.49974	1.05623	1.05623	1.16871
6876	2.51323	1.06317	1.06317	1.17524
6877	2.52571	1.07055	1.07055	1.18637
6878	2.53127	1.07494	1.07494	1.18407
6879	2.45794	0	0	0
6880	2.49979	0	0	0
6881	2.53036	0.82704	0.82704	0.81304
6882	2.5277	0.88388	0.88388	0.88352
6883	2.51275	0.91712	0.91712	0.91718
6884	2.4605	0.67613	0.67613	0.83437
6885	2.50466	0.94022	0.94022	0.8885
6886	2.55367	1.09678	1.09678	1.20921
6887	2.58236	1.10381	1.10381	1.21827

6888	2.64966	1.24546	1.24546	1.24144
6889	2.65768	1.24409	1.24409	1.18359
6890	2.65011	1.20292	1.20292	0.88971
6891	2.56908	1.2276	1.2276	1.23696
6892	2.56595	1.22419	1.22419	1.23198
6893	2.53497	1.20108	1.20108	1.2045
6894	2.54964	1.21557	1.21557	1.22497
6895	2.54978	1.2203	1.2203	1.23187
6896	2.51315	1.19547	1.19547	1.20001
6897	2.49754	1.1907	1.1907	1.20319
6898	2.49811	1.18803	1.18803	1.21887
6899	2.51407	1.18612	1.18612	1.24832
6900	2.4782	0.82458	0.82458	0.82543
6901	2.46219	0	0	0
6902	2.36314	0	0	0
6903	2.37395	0.81476	0.81476	0.7781
6904	2.37347	0.92442	0.92442	0.95523
6905	2.32021	0	0	0
6906	2.33672	0.81171	0.81171	0.76801
6907	2.40635	0.94493	0.94493	1.00217
6908	2.44702	0.96289	0.96289	1.03389
6909	2.47952	0.97723	0.97723	1.05596
6910	2.55743	0.99198	0.99198	1.06218
6911	2.64602	1.00548	1.00548	1.07508
6912	2.65039	1.01745	1.01745	1.07008
6913	2.69843	1.09956	1.09956	1.15763
6914	2.69759	1.12908	1.12908	1.22219
6915	2.6526	1.09412	1.09412	1.15371
6916	2.57129	0.51199	0.51199	0.79926
6917	2.63297	1.09025	1.09025	1.15469
6918	2.59882	1.08566	1.08566	1.15447
6919	2.57219	1.06292	1.06292	1.15782
6920	2.57789	1.08141	1.08141	1.17599
6921	2.52697	1.0554	1.0554	1.14328
6922	2.48081	1.0476	1.0476	1.11486
6923	2.45612	1.04084	1.04084	1.10791
6924	2.43851	1.03413	1.03413	1.11625
6925	2.42316	1.02713	1.02713	1.13883
6926	2.40973	0.90089	0.90089	0.95102
6927	2.40414	1.01964	1.01964	1.16103
6928	2.3702	0	0	0

6929	2.3932	0.81166	0.81166	0.80085
6930	2.39329	0.93116	0.93116	1.01439
6931	2.33623	0.89502	0.89502	0.94039
6932	2.30429	0	0	0
6933	2.39835	0.86633	0.86633	0.89389
6934	2.36188	0.26809	0.26809	0.49642
6935	2.3328	0.80733	0.80733	0.78075
6936	2.31763	0.86037	0.86037	0.87283
6937	2.29861	0.80408	0.80408	0.77117
6938	2.2777	0	0	0
6939	2.38525	0.81041	0.81041	0.78718
6940	2.3634	0	0	0
6941	2.49147	0.91012	0.91012	0.964
6942	2.44676	0	0	0
6943	2.44825	0.87481	0.87481	0.9023
6944	2.40901	0	0	0
6945	2.68695	0.83754	0.83754	0.8583
6946	2.66687	0	0	0
6947	2.86721	0.69611	0.69611	0.69434
6948	2.85261	0.71595	0.71595	0.67411
6949	2.86114	0.75338	0.75338	0.79141
6950	2.87346	0.85384	0.85384	0.84085
6951	2.89686	1.21985	1.21985	1.11709
6952	2.87869	0.79487	0.79487	0.88274
6953	2.96307	1.2268	1.2268	1.18742
6954	2.96993	1.22557	1.22557	1.1727
6955	2.93476	0.79207	0.79207	0.85951
6956	2.87722	1.21705	1.21705	1.0844
6957	2.94096	1.27775	1.27775	1.2036
6958	2.91024	1.27467	1.27467	1.21272
6959	2.90216	1.27185	1.27185	1.22111
6960	2.88615	1.27005	1.27005	1.22911
6961	2.87089	1.25084	1.25084	1.06634
6962	2.83174	1.24929	1.24929	1.06138
6963	2.71601	1.24973	1.24973	1.05559
6964	2.61955	1.17176	1.17176	1.00445
6965	2.60102	0	0	0
6966	2.63648	1.17047	1.17047	1.16388
6967	2.63841	1.17263	1.17263	1.16943
6968	2.72846	1.00824	1.00824	1.14291
6969	2.83442	1.21135	1.21135	1.23654

6970	2.75276	1.17369	1.17369	1.17613
6971	2.82905	1.2327	1.2327	1.23521
6972	2.81619	1.20529	1.20529	1.10846
6973	2.82831	1.23358	1.23358	1.23883
6974	2.81159	1.12276	1.12276	1.16203
6975	2.81333	1.14213	1.14213	1.24892
6976	2.81178	1.17641	1.17641	1.30471
6977	2.79947	0.99748	0.99748	1.08485
6978	2.72579	1.15942	1.15942	1.25918
6979	2.73042	1.1582	1.1582	1.26543
6980	2.6808	1.06124	1.06124	1.16712
6981	2.69364	1.12384	1.12384	1.17366
6982	2.67459	1.12059	1.12059	1.18218
6983	2.64617	1.11647	1.11647	1.1839
6984	2.62067	1.11256	1.11256	1.18876
6985	2.62488	0.94143	0.94143	1.16897
6986	2.63624	1.16694	1.16694	1.19513
6987	2.60623	1.16455	1.16455	1.19021
6988	2.6125	1.15706	1.15706	1.15096
6989	2.61137	1.15346	1.15346	1.17328
6990	2.66951	1.10895	1.10895	1.01911
6991	2.54181	0.70715	0.70715	0.91666
6992	2.68395	1.10466	1.10466	1.07039
6993	2.6885	1.09997	1.09997	1.0709
6994	2.7401	1.09734	1.09734	1.10156
6995	2.71488	1.09376	1.09376	1.10434
6996	2.56938	0	0	0
6997	2.59676	0.81591	0.81591	0.84299
6998	2.56565	0.1902	0.1902	0.34005
6999	2.54858	0.92115	0.92115	1.06446
7000	2.57259	0.98209	0.98209	1.09763
7001	2.5897	0.94524	0.94524	1.05993
7002	2.60874	0.8723	0.8723	0.94178
7003	2.55052	0.81546	0.81546	0.83444
7004	2.54325	0	0	0
7005	2.48786	0.81389	0.81389	0.8248
7006	2.44372	0	0	0
7007	2.47851	0	0	0
7008	2.48782	0.81998	0.81998	0.80995
7009	2.49576	0.86593	0.86593	0.90869
7010	2.49486	0.9119	0.9119	0.93707

7011	2.49314	0.49259	0.49259	0.61531
7012	2.53449	0.93222	0.93222	0.99308
7013	2.59551	0	0	0
7014	2.59884	0.98484	0.98484	1.08355
7015	2.64183	0.99389	0.99389	1.21131
7016	2.66512	1.02007	1.02007	1.21318
7017	2.66773	0.97956	0.97956	1.11172
7018	2.61371	1.0856	1.0856	1.18631
7019	2.58751	1.05188	1.05188	1.0797
7020	2.6141	1.08972	1.08972	1.17908
7021	2.6139	1.10926	1.10926	1.20665
7022	2.61885	1.09501	1.09501	1.17537
7023	2.46076	0	0	0
7024	2.51227	0.81913	0.81913	0.82734
7025	2.53273	0.89326	0.89326	1.01222
7026	2.51117	0.87225	0.87225	0.99096
7027	2.51157	0.84505	0.84505	0.98328
7028	2.50745	0.80914	0.80914	0.97255
7029	2.50701	0.58003	0.58003	0.69964
7030	2.58522	1.04602	1.04602	1.19781
7031	2.6005	0.85298	0.85298	1.12383
7032	2.58926	1.04034	1.04034	1.21534
7033	2.60505	1.036	1.036	1.23868
7034	2.63957	1.02628	1.02628	1.3025
7035	2.62469	1.0313	1.0313	1.26156
7036	2.63797	1.02037	1.02037	1.31226
7037	2.64595	0.90477	0.90477	1.28052
7038	2.63796	1.01514	1.01514	1.31666
7039	2.53177	0.97706	0.97706	1.10788
7040	2.51242	0.96824	0.96824	1.09575
7041	2.49353	0.95917	0.95917	1.08551
7042	2.48617	0.9495	0.9495	1.07256
7043	2.45503	0.93755	0.93755	1.04598
7044	2.43771	0.9269	0.9269	1.02607
7045	2.43518	0.9188	0.9188	1.01468
7046	2.41288	0.87402	0.87402	0.98121
7047	2.4056	0.91144	0.91144	0.97715
7048	2.29913	0	0	0
7049	2.30969	0.78869	0.78869	0.76285
7050	2.32082	0.84269	0.84269	0.85206
7051	2.31602	0.87353	0.87353	0.89486

7052	2.36305	0.91692	0.91692	0.96558
7053	2.35471	0.89889	0.89889	0.93238
7054	2.47502	0.70687	0.70687	1.07253
7055	2.43398	0.53257	0.53257	0.78965
7056	2.47692	0.78979	0.78979	1.05839
7057	2.48251	0.94545	0.94545	1.07509
7058	2.48342	0.82788	0.82788	1.03377
7059	2.48507	0.97216	0.97216	1.05423
7060	2.48846	0.96062	0.96062	1.0672
7061	2.45265	0.88622	0.88622	0.88091
7062	2.44707	0.81601	0.81601	0.81764
7063	2.4211	0	0	0
7064	2.43573	0	0	0
7065	2.45095	0.81916	0.81916	0.81728
7066	2.52409	1.04001	1.04001	1.12829
7067	2.51928	0.87836	0.87836	0.91291
7068	2.56696	1.04928	1.04928	1.1359
7069	2.48922	1.01214	1.01214	1.10037
7070	2.47865	0.89055	0.89055	0.90044
7071	2.45968	0.53372	0.53372	0.76984
7072	2.42769	0.81498	0.81498	0.81713
7073	2.4003	0	0	0
7074	2.72882	0.97652	0.97652	1.07061
7075	2.65922	0.61206	0.61206	0.87415
7076	2.7257	0.96185	0.96185	1.06053
7077	2.71998	0.88736	0.88736	0.95152
7078	2.71002	0.9432	0.9432	1.03748
7079	2.57848	0	0	0
7080	2.6759	0.83	0.83	0.85409
7081	2.61871	0	0	0
7082	2.58196	1.07443	1.07443	1.13153
7083	2.61421	1.07216	1.07216	1.17263
7084	2.60676	1.06691	1.06691	1.19244
7085	2.63797	1.05932	1.05932	1.21934
7086	2.66094	0.76494	0.76494	0.85697
7087	2.51757	0	0	0
7088	2.64097	0.49035	0.49035	0.78347
7089	2.58807	1.04677	1.04677	1.2186
7090	2.60254	0.84962	0.84962	0.89517
7091	2.46487	0.26685	0.26685	0.49364
7092	2.56946	0	0	0

7093	2.52528	0.88692	0.88692	0.95381
7094	2.5195	1.01837	1.01837	1.17439
7095	2.51306	1.02408	1.02408	1.1757
7096	2.51582	0.98367	0.98367	1.11688
7097	2.52223	0.94869	0.94869	1.06742
7098	2.53693	0.84472	0.84472	0.89495
7099	2.41724	0.14132	0.14132	0.2722
7100	2.49099	0	0	0
7101	2.475	0.81128	0.81128	0.81679
7102	2.47193	0.86609	0.86609	0.92156
7103	2.42445	0	0	0
7104	2.39407	0	0	0
7105	2.46072	0.81146	0.81146	0.81463
7106	2.44654	0.28965	0.28965	0.54289
7107	2.44778	0.81069	0.81069	0.7967
7108	2.43136	0	0	0
7109	2.5085	0.90948	0.90948	0.98862
7110	2.48417	0.8931	0.8931	0.96696
7111	2.47313	0.87405	0.87405	0.9369
7112	2.45393	0.84947	0.84947	0.90494
7113	2.44613	0.81542	0.81542	0.86632
7114	2.44515	0.76022	0.76022	0.80564
7115	2.44798	0.48524	0.48524	0.69765
7116	2.4694	0.97731	0.97731	1.0672
7117	2.47068	0.87773	0.87773	0.91771
7118	2.42499	0.81914	0.81914	0.82123
7119	2.38736	0	0	0
7120	2.44159	0.81572	0.81572	0.82098
7121	2.40617	0	0	0
7122	2.5133	1.18217	1.18217	1.2566
7123	2.52115	1.17815	1.17815	1.27589
7124	2.52876	1.17568	1.17568	1.2875
7125	2.53275	1.16431	1.16431	1.29892
7126	2.5398	1.16324	1.16324	1.31347
7127	2.54719	1.14614	1.14614	1.3118
7128	2.46419	1.00695	1.00695	1.15469
7129	2.4321	0.99805	0.99805	1.1346
7130	2.41253	0.98894	0.98894	1.12225
7131	2.37184	0.97767	0.97767	1.09369
7132	2.34245	0.92864	0.92864	1.00957
7133	2.34216	0.96541	0.96541	1.07118

7134	2.33092	0.91019	0.91019	0.97646
7135	2.30571	0.88533	0.88533	0.93173
7136	2.28969	0.85218	0.85218	0.87157
7137	2.26398	0.79553	0.79553	0.77157
7138	2.25735	0	0	0
7139	2.29404	0.79852	0.79852	0.78065
7140	2.28398	0	0	0
7141	2.46904	1.02114	1.02114	1.18664
7142	2.43081	0	0	0
7143	2.42543	1.01228	1.01228	1.16684
7144	2.3941	0.9978	0.9978	1.14147
7145	2.35444	0.98771	0.98771	1.11503
7146	2.35969	0	0	0
7147	2.30779	0.96727	0.96727	1.06884
7148	2.27529	0.93277	0.93277	1.00586
7149	2.2753	0.95466	0.95466	1.04109
7150	2.26499	0	0	0
7151	2.26736	0.91797	0.91797	0.97948
7152	2.25583	0.8994	0.8994	0.94703
7153	2.23882	0.84379	0.84379	0.84767
7154	2.23204	0	0	0
7155	2.22309	0.78842	0.78842	0.749
7156	2.20315	0	0	0
7157	2.55966	1.14452	1.14452	1.33134
7158	2.57016	1.06348	1.06348	1.28685
7159	2.53498	1.05867	1.05867	1.27283
7160	2.53704	1.05248	1.05248	1.26778
7161	2.52704	1.04813	1.04813	1.26164
7162	2.52724	1.01495	1.01495	1.20528
7163	2.5265	0.91936	0.91936	1.01951
7164	2.50405	0.89597	0.89597	0.97513
7165	2.36387	0	0	0
7166	2.40154	0.80465	0.80465	0.81322
7167	2.45378	0.9341	0.9341	1.05421
7168	2.45413	0.86206	0.86206	0.92516
7169	2.39315	0.80411	0.80411	0.80601
7170	2.36398	0	0	0
7171	2.52037	1.10311	1.10311	1.28628
7172	2.50935	1.10129	1.10129	1.29057
7173	2.49905	1.09852	1.09852	1.29598
7174	2.48985	1.09545	1.09545	1.2996

7175	2.50497	1.09372	1.09372	1.32012
7176	2.51093	1.05184	1.05184	1.26911
7177	2.49921	1.04737	1.04737	1.26694
7178	2.49403	0.96811	0.96811	1.13481
7179	2.45545	0.95596	0.95596	1.1051
7180	2.42177	0.94244	0.94244	1.0737
7181	2.41255	0	0	0
7182	2.40798	0.92745	0.92745	1.04918
7183	2.45336	1.01263	1.01263	1.19662
7184	2.46284	1.00097	1.00097	1.18677
7185	2.41673	0	0	0
7186	2.4122	0.99157	0.99157	1.15937
7187	2.41478	0.97711	0.97711	1.13855
7188	2.41883	0.8305	0.8305	0.86957
7189	2.33501	0.20064	0.20064	0.37071
7190	2.40881	0	0	0
7191	2.3892	0	0	0
7192	2.36276	0.93788	0.93788	1.05329
7193	2.36327	0.92361	0.92361	1.02971
7194	2.33476	0.9042	0.9042	0.98677
7195	2.33084	0.79564	0.79564	0.78872
7196	2.2752	0.79147	0.79147	0.76866
7197	2.26754	0	0	0
7198	2.32219	0	0	0
7199	2.48725	0	0	0
7200	2.46377	0.96489	0.96489	1.10138
7201	2.43302	0.95141	0.95141	1.07459
7202	2.43505	0.92297	0.92297	1.02351
7203	2.4026	0.83468	0.83468	0.86159
7204	2.40151	0.90093	0.90093	0.98207
7205	2.36238	0.19535	0.19535	0.3555
7206	2.35852	0.20738	0.20738	0.37523
7207	2.37207	0.23573	0.23573	0.33898
7208	2.38798	0.74412	0.74412	0.71659
7209	2.38329	0.74403	0.74403	0.72219
7210	2.38925	0.34216	0.34216	0.47637
7211	2.41093	0.80463	0.80463	0.81233
7212	2.40147	0	0	0
7213	2.45308	0.86158	0.86158	0.91971
7214	2.46897	0.99851	0.99851	1.17974
7215	2.43123	0.98968	0.98968	1.15691

7216	2.40472	0.98079	0.98079	1.13693
7217	2.36158	0.95012	0.95012	1.07609
7218	2.36056	0.9695	0.9695	1.10923
7219	2.3157	0	0	0
7220	2.34208	0.85053	0.85053	0.89466
7221	2.3431	0.93659	0.93659	1.05259
7222	2.33287	0.7957	0.7957	0.79296
7223	2.31658	0	0	0
7224	2.31975	0.84914	0.84914	0.88722
7225	2.29627	0.79331	0.79331	0.7798
7226	2.28038	0	0	0
7227	2.35743	0.88436	0.88436	0.96191
7228	2.317	0.79563	0.79563	0.78759
7229	2.31524	0	0	0
7230	2.30008	0	0	0
7231	2.35686	0.96259	0.96259	1.06283
7232	2.36272	0	0	0
7233	2.37565	0.97371	0.97371	1.07637
7234	2.37986	0.95319	0.95319	1.01152
7235	2.37623	0.94021	0.94021	0.99491
7236	2.38083	0.92561	0.92561	0.98464
7237	2.38448	0.90782	0.90782	0.98196
7238	2.36124	0.8849	0.8849	0.93354
7239	2.34582	0.85265	0.85265	0.85758
7240	2.34132	0.79814	0.79814	0.76331
7241	2.33899	0	0	0
7242	2.39194	0.90341	0.90341	0.93214
7243	2.36675	0.86834	0.86834	0.88469
7244	2.34212	0.81123	0.81123	0.79188
7245	2.32189	0	0	0
7246	2.49569	1.0536	1.0536	1.13572
7247	2.48698	1.06243	1.06243	1.1385
7248	2.41848	0	0	0
7249	2.45967	1.0459	1.0459	1.12487
7250	2.43793	1.03811	1.03811	1.12542
7251	2.40349	1.02949	1.02949	1.12808
7252	2.28816	0	0	0
7253	2.31823	0.80918	0.80918	0.78259
7254	2.34889	0.86692	0.86692	0.87843
7255	2.37017	0.90093	0.90093	0.93995
7256	2.35891	0.99059	0.99059	1.06709

7257	2.34372	0.98018	0.98018	1.06018
7258	2.33307	0.96894	0.96894	1.04609
7259	2.33344	0.84101	0.84101	0.84459
7260	2.29119	0	0	0
7261	2.31404	0.20805	0.20805	0.35703
7262	2.32005	0.91787	0.91787	0.94574
7263	2.32314	0.89519	0.89519	0.91254
7264	2.31288	0.86209	0.86209	0.85909
7265	2.29316	0.80584	0.80584	0.75928
7266	2.29175	0	0	0
7267	2.31061	0.93618	0.93618	1.00878
7268	2.29409	0.92038	0.92038	0.98356
7269	2.26794	0.90035	0.90035	0.94414
7270	2.25873	0.87704	0.87704	0.9074
7271	2.24991	0.84491	0.84491	0.84724
7272	2.23367	0.78981	0.78981	0.74597
7273	2.22303	0	0	0
7274	2.41787	1.03095	1.03095	1.1637
7275	2.42532	1.03648	1.03648	1.15614
7276	2.41104	1.05795	1.05795	1.15911
7277	2.42621	1.04079	1.04079	1.14764
7278	2.3607	0.88974	0.88974	0.93184
7279	2.34431	0.85654	0.85654	0.87866
7280	2.29866	0	0	0
7281	2.32647	0	0	0
7282	2.41135	1.06143	1.06143	1.15227
7283	2.42806	1.06591	1.06591	1.15922
7284	2.44495	1.07046	1.07046	1.16581
7285	2.44566	1.07863	1.07863	1.1518
7286	2.46241	1.07492	1.07492	1.17536
7287	2.3639	0	0	0
7288	2.32777	0	0	0
7289	2.37364	0.80708	0.80708	0.80508
7290	2.37135	0.91542	0.91542	0.98302
7291	2.34468	0.80509	0.80509	0.79114
7292	2.38392	0.93383	0.93383	0.99876
7293	2.39066	0.94863	0.94863	1.01295
7294	2.40075	0.96184	0.96184	1.03529
7295	2.41591	0.97406	0.97406	1.0517
7296	2.48188	0.9883	0.9883	1.0822
7297	2.50073	1.09628	1.09628	1.20507

7298	2.48786	1.09258	1.09258	1.199
7299	2.47772	1.08896	1.08896	1.19556
7300	2.4647	1.08562	1.08562	1.1799
7301	2.45322	0.7933	0.7933	0.86428
7302	2.42359	0.67772	0.67772	0.80852
7303	2.45075	0.78567	0.78567	0.93037
7304	2.43597	0.75397	0.75397	0.91347
7305	2.41176	0.7783	0.7783	0.88387
7306	2.42504	0.82289	0.82289	0.9093
7307	2.43155	0.85172	0.85172	0.92891
7308	2.47243	0.8758	0.8758	0.96051
7309	2.49827	0.57359	0.57359	0.82248
7310	2.52439	0.89607	0.89607	0.99459
7311	2.58828	0.99235	0.99235	1.25974
7312	2.58406	1.00717	1.00717	1.24888
7313	2.37227	0	0	0
7314	2.41698	0.81378	0.81378	0.81916
7315	2.44384	0.87062	0.87062	0.90926
7316	2.47754	0.90493	0.90493	0.96203
7317	2.49576	0.92884	0.92884	1.00193
7318	2.50262	0.92881	0.92881	1.00774
7319	2.43912	0.90227	0.90227	0.95752
7320	2.39189	0.86706	0.86706	0.89547
7321	2.3567	0.81001	0.81001	0.80041
7322	2.34094	0	0	0
7323	2.59221	1.13851	1.13851	1.28993
7324	2.58891	0.99615	0.99615	1.26117
7325	2.59489	1.14705	1.14705	1.29693
7326	2.59194	1.1407	1.1407	1.29017
7327	2.50949	0.90913	0.90913	0.96488
7328	2.45256	0.87344	0.87344	0.9
7329	2.43628	0.81748	0.81748	0.81099
7330	2.40984	0	0	0
7331	2.52982	1.12456	1.12456	1.21754
7332	2.54315	1.12181	1.12181	1.24852
7333	2.61339	1.14973	1.14973	1.30375
7334	2.62768	1.17646	1.17646	1.19495
7335	2.63675	1.17811	1.17811	1.30924
7336	2.64188	1.15301	1.15301	1.30839
7337	2.54409	1.06891	1.06891	1.18348
7338	2.51541	1.05135	1.05135	1.16493

7339	2.51129	1.0634	1.0634	1.17796
7340	2.45203	0.81924	0.81924	0.81959
7341	2.43435	0	0	0
7342	2.50388	1.04599	1.04599	1.15797
7343	2.48685	0.81998	0.81998	0.81765
7344	2.48017	1.03925	1.03925	1.14533
7345	2.49483	0	0	0
7346	2.43431	1.01899	1.01899	1.10594
7347	2.44055	0.99821	0.99821	1.07521
7348	2.41446	0.98674	0.98674	1.06641
7349	2.41996	0.95415	0.95415	1.03304
7350	2.41571	0.9769	0.9769	1.06754
7351	2.39786	0.93805	0.93805	1.00481
7352	2.37867	0.9184	0.9184	0.97914
7353	2.35206	0.89369	0.89369	0.93405
7354	2.33478	0.86041	0.86041	0.87642
7355	2.31646	0.80476	0.80476	0.78021
7356	2.30772	0	0	0
7357	2.37965	0	0	0
7358	2.3991	0.81417	0.81417	0.79966
7359	2.38964	0	0	0
7360	2.62597	1.21798	1.21798	1.24522
7361	2.5697	1.14134	1.14134	1.09941
7362	2.61601	1.21938	1.21938	1.22775
7363	2.58239	1.13751	1.13751	1.26458
7364	2.57919	0.89655	0.89655	1.21793
7365	2.54842	1.12021	1.12021	1.2663
7366	2.54952	1.1332	1.1332	1.27254
7367	2.56981	1.10828	1.10828	1.28957
7368	2.55511	1.11802	1.11802	1.28193
7369	2.56897	1.06718	1.06718	1.27976
7370	2.5586	1.10475	1.10475	1.28889
7371	2.58551	0.8857	0.8857	1.2735
7372	2.58169	1.06172	1.06172	1.30152
7373	2.56198	1.06181	1.06181	1.28551
7374	2.47763	0.90378	0.90378	0.97212
7375	2.48175	0.81676	0.81676	0.8209
7376	2.44739	0	0	0
7377	2.42509	0	0	0
7378	2.51053	1.01471	1.01471	1.15519
7379	2.48261	1.00593	1.00593	1.1389

7380	2.49111	0.87169	0.87169	0.9351
7381	2.47959	0.81587	0.81587	0.84442
7382	2.45359	0	0	0
7383	2.48542	0.9693	0.9693	1.08345
7384	2.48367	0.81428	0.81428	0.83292
7385	2.48058	0.92378	0.92378	1.02535
7386	2.47317	0.95574	0.95574	1.07103
7387	2.47035	0	0	0
7388	2.40072	0	0	0
7389	2.44645	0.81294	0.81294	0.83041
7390	2.43187	0	0	0
7391	2.43327	0	0	0
7392	2.55312	1.0389	1.0389	1.20826
7393	2.54038	1.04779	1.04779	1.21504
7394	2.4756	0	0	0
7395	2.53009	1.03217	1.03217	1.19869
7396	2.51575	1.0256	1.0256	1.1909
7397	2.51172	0.9529	0.9529	1.09112
7398	2.50489	1.0189	1.0189	1.1875
7399	2.45179	0.94889	0.94889	1.05524
7400	2.42884	0.93321	0.93321	1.03086
7401	2.40044	0.91418	0.91418	1.00544
7402	2.36092	0.85993	0.85993	0.86882
7403	2.32337	0	0	0
7404	2.34582	0.80404	0.80404	0.77647
7405	2.33837	0	0	0
7406	2.38775	0	0	0
7407	2.41747	0.80735	0.80735	0.81548
7408	2.48088	0.8647	0.8647	0.92947
7409	2.50902	0.89782	0.89782	0.99482
7410	2.50658	0.93814	0.93814	1.0674
7411	2.44844	0	0	0
7412	2.50468	0	0	0
7413	2.50497	0.82769	0.82769	0.81859
7414	2.47026	0.47675	0.47675	0.70023
7415	2.41696	0	0	0
7416	2.42637	0.82235	0.82235	0.81331
7417	2.43883	0.87883	0.87883	0.89323
7418	2.46984	0.91386	0.91386	0.93258
7419	2.46656	0.95444	0.95444	0.99864
7420	2.47836	0.90008	0.90008	1.13855

7421	2.47406	0.93502	0.93502	1.08596
7422	2.47626	0.92359	0.92359	1.13556
7423	2.48314	1.04627	1.04627	1.15163
7424	2.47009	1.00948	1.00948	1.02783
7425	2.49668	1.05524	1.05524	1.14795
7426	2.50456	1.06593	1.06593	1.13707
7427	2.50654	1.06215	1.06215	1.14587
7428	2.54045	1.10613	1.10613	1.1955
7429	2.54445	1.08602	1.08602	1.17724
7430	2.54107	0.90237	0.90237	0.91112
7431	2.59015	1.11327	1.11327	1.20825
7432	2.60357	1.11692	1.11692	1.20564
7433	2.60142	1.12374	1.12374	1.21374
7434	2.40085	0	0	0
7435	2.43317	0.73076	0.73076	0.98043
7436	2.46227	0.99379	0.99379	1.07696
7437	2.42262	0.87168	0.87168	0.89793
7438	2.42266	0.94396	0.94396	1.00975
7439	2.41909	0.98087	0.98087	1.05532
7440	2.39004	0.81454	0.81454	0.80636
7441	2.35168	0	0	0
7442	2.37148	0.81282	0.81282	0.79324
7443	2.39997	0.81532	0.81532	0.80816
7444	2.38057	0	0	0
7445	2.63236	1.12827	1.12827	1.21979
7446	2.49868	0.82953	0.82953	0.83492
7447	2.46127	0	0	0
7448	2.49697	0.96113	0.96113	1.025
7449	2.49208	0.94582	0.94582	1.00825
7450	2.44352	0.92443	0.92443	0.97615
7451	2.42173	0.89893	0.89893	0.9583
7452	2.42708	0.81268	0.81268	0.82013
7453	2.39166	0	0	0
7454	2.37143	0	0	0
7455	2.35742	0	0	0
7456	2.55083	0	0	0
7457	2.57967	0.83639	0.83639	0.84262
7458	2.59101	0.43718	0.43718	0.61719
7459	2.73349	1.27247	1.27247	1.28435
7460	2.67373	1.26447	1.26447	1.27764
7461	2.63072	0.77478	0.77478	0.72942

7462	2.66147	1.26244	1.26244	1.27355
7463	2.66707	1.26126	1.26126	1.27705
7464	2.67234	1.1359	1.1359	1.22573
7465	2.6395	1.13156	1.13156	1.21658
7466	2.60248	1.23286	1.23286	1.18814
7467	2.61269	1.23148	1.23148	1.18925
7468	2.61641	1.2307	1.2307	1.18966
7469	2.52886	0.83004	0.83004	0.83817
7470	2.49069	0	0	0
7471	2.53782	0	0	0
7472	2.61408	1.22777	1.22777	1.19891
7473	2.61872	1.22636	1.22636	1.20588
7474	2.62257	1.22547	1.22547	1.21404
7475	2.61345	1.22899	1.22899	1.19322
7476	2.54256	0	0	0
7477	2.53727	0	0	0
7478	2.39482	0	0	0
7479	2.4137	0.82403	0.82403	0.79849
7480	2.42319	0.88043	0.88043	0.88707
7481	2.44654	0.91415	0.91415	0.94447
7482	2.53417	0.94302	0.94302	0.9999
7483	2.56397	0.96288	0.96288	1.03161
7484	2.55663	0.98995	0.98995	1.07515
7485	2.58876	1.00281	1.00281	1.10029
7486	2.85275	1.31211	1.31211	1.20081
7487	2.91276	1.32521	1.32521	1.32615
7488	2.98551	1.32489	1.32489	1.33957
7489	2.99767	1.32397	1.32397	1.31559
7490	3.0116	1.32908	1.32908	1.36764
7491	3.00932	1.32947	1.32947	1.35348
7492	3.01199	1.32945	1.32945	1.34693
7493	3.0029	1.33026	1.33026	1.35497
7494	3.01822	1.28567	1.28567	1.3109
7495	2.98264	1.2286	1.2286	1.18781
7496	2.67993	1.30315	1.30315	1.12101
7497	2.72124	1.31369	1.31369	1.22025
7498	2.76071	1.31354	1.31354	1.19549
7499	2.8021	1.3118	1.3118	1.19195
7500	2.84939	1.31137	1.31137	1.22027
7501	2.86741	1.31136	1.31136	1.20937
7502	2.66886	1.30352	1.30352	1.12178

7503	2.64888	1.30136	1.30136	1.05315
7504	2.64791	1.30109	1.30109	0.99081
7505	2.68189	0.53831	0.53831	0.78893
7506	2.68678	0.75959	0.75959	1.08039
7507	2.69024	1.07497	1.07497	1.197
7508	2.67448	0.89851	0.89851	0.92944
7509	2.69027	1.30234	1.30234	1.0858
7510	2.67909	1.30518	1.30518	1.15018
7511	2.66326	1.08087	1.08087	1.11786
7512	2.6539	1.07683	1.07683	1.13203
7513	2.59489	0.87682	0.87682	0.88364
7514	2.59502	0.84195	0.84195	0.75148
7515	2.59236	0.80026	0.80026	0.33379
7516	2.5373	0.11278	0.11278	0.1752
7517	2.6074	0.7497	0.7497	0.64676
7518	2.58144	0	0	0
7519	2.61688	0.82655	0.82655	0.83767
7520	2.61246	0.80283	0.80283	0.83497
7521	2.54594	0.86008	0.86008	0.38094
7522	2.56281	0.82014	0.82014	0.74579
7523	2.5812	0.77203	0.77203	0.66542
7524	2.62033	0.97025	0.97025	1.15769
7525	2.63605	0.95121	0.95121	1.1586
7526	2.53198	0	0	0
7527	2.63439	0.94895	0.94895	1.15727
7528	2.62808	0.95422	0.95422	1.1541
7529	2.64792	0.96029	0.96029	1.15777
7530	2.64972	0.99698	0.99698	1.16304
7531	2.65019	1.00685	1.00685	1.16045
7532	2.545	0.89104	0.89104	0.91807
7533	2.49669	0.83239	0.83239	0.82638
7534	2.44015	0	0	0
7535	2.66777	1.01798	1.01798	1.16566
7536	2.67629	1.03376	1.03376	1.17172
7537	2.62781	0	0	0
7538	2.75674	1.04233	1.04233	1.22644
7539	2.74377	1.11666	1.11666	1.24473
7540	2.7793	1.12241	1.12241	1.2451
7541	2.79672	1.12712	1.12712	1.23334
7542	2.76564	1.15993	1.15993	1.22774
7543	2.77676	0.94461	0.94461	1.05448

7544	2.57569	1.07826	1.07826	1.15257
7545	2.55799	1.07275	1.07275	1.14641
7546	2.52366	1.06542	1.06542	1.13518
7547	2.50026	1.05871	1.05871	1.12749
7548	2.48345	1.05208	1.05208	1.125
7549	2.48923	1.02189	1.02189	1.08344
7550	2.45304	0.91615	0.91615	0.94608
7551	2.43355	0.88196	0.88196	0.89439
7552	2.40592	0.82443	0.82443	0.80667
7553	2.38058	0	0	0
7554	2.45295	1.01102	1.01102	1.07107
7555	2.42922	1.00048	1.00048	1.05512
7556	2.38908	0.98714	0.98714	1.02958
7557	2.37477	0.97507	0.97507	1.00612
7558	2.33971	0.95923	0.95923	0.98081
7559	2.31863	0.94232	0.94232	0.95786
7560	2.30536	0.92326	0.92326	0.92343
7561	2.28485	0.89841	0.89841	0.88537
7562	2.69604	0.92825	0.92825	1.0221
7563	2.68428	0.95965	0.95965	1.04626
7564	2.69715	0.94138	0.94138	1.01904
7565	2.74362	0	0	0
7566	2.74789	0.89839	0.89839	0.89355
7567	2.65759	0.57448	0.57448	0.92587
7568	2.68641	0.79611	0.79611	0.95384
7569	2.46226	0.89743	0.89743	1.07819
7570	2.47015	0.8585	0.8585	1.0013
7571	2.4771	0.77499	0.77499	0.81536
7572	2.52681	0	0	0
7573	2.48267	0.94365	0.94365	1.13944
7574	2.50168	0.77678	0.77678	0.8255
7575	2.47037	0.91212	0.91212	1.08894
7576	2.41661	0	0	0
7577	2.39498	0	0	0
7578	2.42768	0	0	0
7579	2.49248	0.95196	0.95196	1.15559
7580	2.48925	0.95966	0.95966	1.15703
7581	2.50414	0.97342	0.97342	1.19106
7582	2.49391	0	0	0
7583	2.5264	0.97986	0.97986	1.2082
7584	2.52541	0.98577	0.98577	1.20434

7585	2.54777	0.24638	0.24638	0.49247
7586	2.5722	1.01831	1.01831	1.26034
7587	2.57467	1.01434	1.01434	1.26029
7588	2.54671	1.00956	1.00956	1.24572
7589	2.56542	0.86511	0.86511	1.01913
7590	2.54565	0.83345	0.83345	0.96176
7591	2.49357	0.77907	0.77907	0.83647
7592	2.47688	0	0	0
7593	2.55761	1.02523	1.02523	1.25639
7594	2.5494	0	0	0
7595	2.4814	0	0	0
7596	2.52492	1.03729	1.03729	1.24946
7597	2.54372	1.03182	1.03182	1.25324
7598	2.57244	0.72662	0.72662	0.73085
7599	2.43875	1.0625	1.0625	1.20259
7600	2.48645	1.0405	1.0405	1.198
7601	2.3931	0.9326	0.9326	1.05618
7602	2.37565	0.91878	0.91878	1.03138
7603	2.38025	0.86599	0.86599	0.94413
7604	2.34136	0.83284	0.83284	0.87303
7605	2.33582	0.77892	0.77892	0.775
7606	2.34691	0	0	0
7607	2.37309	0.78064	0.78064	0.78737
7608	2.39243	0	0	0
7609	2.39525	1.10229	1.10229	1.21099
7610	2.42982	1.06456	1.06456	1.19633
7611	2.41421	1.10344	1.10344	1.23033
7612	2.4189	1.10461	1.10461	1.23497
7613	2.42359	1.10612	1.10612	1.23885
7614	2.4943	0	0	0
7615	2.44615	0.77145	0.77145	0.79481
7616	2.39873	0.8563	0.8563	0.92188
7617	2.39346	0.82388	0.82388	0.86779
7618	2.40336	0.8971	0.8971	0.99653
7619	2.41741	0.87962	0.87962	0.97459
7620	2.40856	0.98432	0.98432	1.18124
7621	2.42105	0.95471	0.95471	1.13527
7622	2.43034	0.87191	0.87191	0.99969
7623	2.40346	0.98928	0.98928	1.17669
7624	2.38357	0.85836	0.85836	0.96624
7625	2.38486	0.77649	0.77649	0.80984

7626	2.3505	0	0	0
7627	2.31985	0	0	0
7628	2.32782	0.77572	0.77572	0.78875
7629	2.34536	0.82895	0.82895	0.89112
7630	2.38	0.86149	0.86149	0.96093
7631	2.42235	1.01471	1.01471	1.21319
7632	2.4258	0.99546	0.99546	1.18434
7633	2.40256	1.01924	1.01924	1.19279
7634	2.35787	0	0	0
7635	2.39167	0.30503	0.30503	0.61258
7636	2.37123	0.82781	0.82781	0.9126
7637	2.3724	0.77496	0.77496	0.80512
7638	2.3616	0.26464	0.26464	0.46325
7639	2.37264	0.71919	0.71919	0.70941
7640	2.38292	1.02238	1.02238	1.16889
7641	2.36507	1.02523	1.02523	1.1545
7642	2.37379	1.07471	1.07471	1.23869
7643	2.37596	1.06958	1.06958	1.23182
7644	2.37946	1.02954	1.02954	1.16304
7645	2.39557	1.07939	1.07939	1.24175
7646	2.33318	0	0	0
7647	2.34096	0.9802	0.9802	1.12367
7648	2.34308	0.78067	0.78067	0.79524
7649	2.33066	0.97365	0.97365	1.11324
7650	2.31866	0.96657	0.96657	1.09781
7651	2.30702	0.9588	0.9588	1.08457
7652	2.25704	0	0	0
7653	2.2629	0.77429	0.77429	0.76797
7654	2.30181	0.77619	0.77619	0.77632
7655	2.29162	0.92289	0.92289	1.01962
7656	2.27995	0.82797	0.82797	0.86685
7657	2.28337	0	0	0
7658	2.27706	0.87917	0.87917	0.94643
7659	2.27709	0.85706	0.85706	0.91843
7660	2.25665	0.82417	0.82417	0.85226
7661	2.23901	0.77062	0.77062	0.75307
7662	2.2287	0	0	0
7663	2.33339	0.78062	0.78062	0.79225
7664	2.32912	0	0	0
7665	2.40632	1.08363	1.08363	1.2384
7666	2.45867	1.15359	1.15359	1.22309

7667	2.4125	1.09268	1.09268	1.24905
7668	2.42053	1.08675	1.08675	1.24647
7669	2.44536	1.15607	1.15607	1.21832
7670	2.32324	0	0	0
7671	2.3292	0.78426	0.78426	0.79483
7672	2.36513	0.83926	0.83926	0.89729
7673	2.43489	1.15824	1.15824	1.21472
7674	2.42826	1.15941	1.15941	1.21495
7675	2.42158	1.16184	1.16184	1.2115
7676	2.40496	1.16329	1.16329	1.19541
7677	2.38915	1.16454	1.16454	1.17945
7678	2.37739	1.16773	1.16773	1.171
7679	2.59507	0	0	0
7680	2.6653	0.98889	0.98889	1.17971
7681	2.71978	0.96072	0.96072	1.03225
7682	2.67095	0.81821	0.81821	1.15166
7683	2.3889	0	0	0
7684	2.41717	0.83022	0.83022	0.82021
7685	2.4673	0.89019	0.89019	0.91528
7686	2.48955	0.95756	0.95756	1.04603
7687	2.49137	0.92531	0.92531	0.96355
7688	2.4146	0.71608	0.71608	0.88265
7689	2.41544	0.72141	0.72141	0.85705
7690	2.58006	0.77502	0.77502	0.9783
7691	2.63867	0.83174	0.83174	0.99096
7692	2.63038	0.86474	0.86474	0.98376
7693	2.60069	0.9824	0.9824	1.07649
7694	2.51191	0.92271	0.92271	0.97327
7695	2.45446	0.8848	0.8848	0.91856
7696	2.42485	0.82656	0.82656	0.82279
7697	2.38742	0	0	0
7698	2.65884	0.99838	0.99838	1.11174
7699	2.7178	1.01258	1.01258	1.13329
7700	2.71822	1.03115	1.03115	1.16492
7701	2.71351	1.05258	1.05258	1.1972
7702	2.77096	1.06153	1.06153	1.21004
7703	2.77685	1.084	1.084	1.25508
7704	2.77179	1.08802	1.08802	1.252
7705	2.63041	0.84184	0.84184	0.86078
7706	2.59683	0	0	0
7707	2.58817	0	0	0

7708	2.72363	0.93391	0.93391	1.05983
7709	2.72525	0.92606	0.92606	1.04869
7710	2.73691	0.91909	0.91909	1.03648
7711	2.76552	0.9298	0.9298	1.04429
7712	2.78158	0.95337	0.95337	1.11326
7713	2.84955	0.96566	0.96566	1.12637
7714	2.7469	0.96629	0.96629	1.13995
7715	2.74791	0.92086	0.92086	1.04248
7716	2.74881	0.93535	0.93535	1.05147
7717	2.75463	0.97846	0.97846	1.0989
7718	2.8135	1.10486	1.10486	1.28054
7719	2.77986	0.89317	0.89317	0.9379
7720	2.67332	0.94176	0.94176	1.114
7721	2.67362	0.88315	0.88315	1.08043
7722	2.77335	0.97654	0.97654	1.12437
7723	2.78432	0.93319	0.93319	1.10493
7724	2.72262	0.79046	0.79046	0.82269
7725	2.76107	0.72823	0.72823	0.76081
7726	2.71106	0	0	0
7727	2.70156	0.79351	0.79351	0.71564
7728	2.60844	0	0	0
7729	2.65787	0.43002	0.43002	0.64691
7730	2.65376	0	0	0
7731	2.58291	0	0	0
7732	2.97623	0.99301	0.99301	1.17632
7733	2.97798	1.01953	1.01953	1.25637
7734	2.95513	1.02895	1.02895	1.22792
7735	2.93016	1.05175	1.05175	1.23622
7736	2.56231	0	0	0
7737	2.74295	0.84266	0.84266	0.90057
7738	2.67158	0	0	0
7739	2.75637	0.97217	0.97217	1.10305
7740	2.64678	0.95026	0.95026	1.05428
7741	2.5946	0.92506	0.92506	1.00789
7742	2.45807	0.88547	0.88547	0.91526
7743	2.42582	0.82821	0.82821	0.81023
7744	2.36763	0	0	0
7745	2.97909	1.06074	1.06074	1.2333
7746	2.90968	1.06751	1.06751	1.19685
7747	3.02219	1.27876	1.27876	1.18196
7748	2.89825	1.07467	1.07467	1.16265

7749	3.06026	1.27957	1.27957	1.23839
7750	3.09024	1.28039	1.28039	1.17757
7751	2.56695	0	0	0
7752	2.49882	0	0	0
7753	2.68258	0.92619	0.92619	0.97151
7754	2.62194	0.89741	0.89741	0.96406
7755	2.66727	0.77613	0.77613	0.98694
7756	2.65652	0.68724	0.68724	0.90739
7757	2.76307	0.81805	0.81805	0.92004
7758	2.75441	0.97829	0.97829	1.08986
7759	2.81891	0.99525	0.99525	1.10477
7760	2.82038	1.01018	1.01018	1.0726
7761	2.79439	0.86105	0.86105	0.91872
7762	2.76905	0.7851	0.7851	0.86082
7763	2.72391	0.46293	0.46293	0.78373
7764	2.72125	0.89703	0.89703	0.9453
7765	2.66933	0.83819	0.83819	0.85442
7766	2.4987	0	0	0
7767	2.58129	0.19451	0.19451	0.29431
7768	2.57136	1.02705	1.02705	1.11005
7769	2.57419	1.01685	1.01685	1.11002
7770	2.57515	0.99483	0.99483	1.0841
7771	2.53024	0.97759	0.97759	1.06582
7772	2.49446	0	0	0
7773	2.63481	1.13575	1.13575	1.27277
7774	2.65538	1.14415	1.14415	1.27876
7775	2.67673	1.15832	1.15832	1.32312
7776	2.69578	1.17665	1.17665	1.31888
7777	2.68715	0.78873	0.78873	1.12855
7778	2.66985	0.79111	0.79111	1.11588
7779	2.7056	0.82334	0.82334	1.11754
7780	2.74493	0.86233	0.86233	1.1204
7781	2.74812	1.02656	1.02656	1.15075
7782	2.75307	1.06744	1.06744	1.17037
7783	2.79056	1.06216	1.06216	1.19256
7784	2.73813	1.05414	1.05414	1.19238
7785	2.74791	1.02831	1.02831	1.13798
7786	2.71422	1.01711	1.01711	1.13311
7787	2.61929	1.00123	1.00123	1.10961
7788	2.61996	0.9324	0.9324	1.00058
7789	2.62532	0.84293	0.84293	0.85343

7790	2.55324	0	0	0
7791	2.55398	0.89566	0.89566	0.92441
7792	2.49995	0.83685	0.83685	0.81756
7793	2.40774	0	0	0
7794	2.52586	0	0	0
7795	2.6551	0.88905	0.88905	1.04973
7796	2.68656	0.84445	0.84445	0.8643
7797	2.62841	0.84465	0.84465	1.0323
7798	2.64135	0	0	0
7799	2.67976	0.95224	0.95224	1.00859
7800	2.65723	0.85122	0.85122	0.95848
7801	2.70689	1.00268	1.00268	1.07542
7802	2.70784	0.9742	0.9742	1.02687
7803	2.77778	0.78781	0.78781	0.81098
7804	2.76903	1.01707	1.01707	1.10668
7805	2.7722	0	0	0
7806	2.76441	0.79781	0.79781	0.77091
7807	2.57687	0	0	0
7808	2.55822	0.83737	0.83737	0.83938
7809	2.52986	0	0	0
7810	2.74335	0.98103	0.98103	1.05601
7811	2.72351	1.01389	1.01389	0.96273
7812	2.69685	0.96019	0.96019	1.0214
7813	2.61608	0.93267	0.93267	0.9725
7814	2.57575	0.89741	0.89741	0.92205
7815	2.53814	0.83984	0.83984	0.83773
7816	2.50694	0	0	0
7817	2.70908	1.18256	1.18256	1.29081
7818	2.77052	1.12623	1.12623	1.26281
7819	2.74928	0	0	0
7820	2.54256	0.90116	0.90116	0.914
7821	2.50885	0.84169	0.84169	0.82278
7822	2.50605	0	0	0
7823	2.59275	1.11516	1.11516	1.2322
7824	2.54954	1.04159	1.04159	1.13397
7825	2.54937	1.1093	1.1093	1.23395
7826	2.5435	0.9352	0.9352	0.99083
7827	2.54878	1.02985	1.02985	1.1633
7828	2.54907	1.0485	1.0485	1.17785
7829	2.54963	1.05389	1.05389	1.16478
7830	2.51656	0.83387	0.83387	0.83386

7831	2.51872	0.95924	0.95924	1.10235
7832	2.51621	0.97386	0.97386	1.0931
7833	2.4875	0	0	0
7834	2.48695	0.89967	0.89967	1.06763
7835	2.41373	0.88076	0.88076	0.99967
7836	2.38133	0.85856	0.85856	0.98073
7837	2.36843	0.82933	0.82933	0.98656
7838	2.36123	0.78309	0.78309	0.98819
7839	2.42128	0.7463	0.7463	1.00544
7840	2.43775	0.75762	0.75762	1.02324
7841	2.48714	0.7999	0.7999	1.06901
7842	2.51689	0.84272	0.84272	1.08013
7843	2.52951	0.87091	0.87091	1.08067
7844	2.62192	0.92875	0.92875	1.10799
7845	2.58637	0.91261	0.91261	1.09912
7846	2.59807	0.60762	0.60762	0.95774
7847	2.56268	0.5459	0.5459	0.92366
7848	2.60328	0.91397	0.91397	1.00247
7849	2.60014	0.84259	0.84259	0.85049
7850	2.54906	0	0	0
7851	2.63938	1.00705	1.00705	1.09591
7852	2.64409	0.94408	0.94408	1.02861
7853	2.65492	1.01847	1.01847	1.10887
7854	2.72161	1.03286	1.03286	1.12627
7855	2.57671	0.89821	0.89821	0.92754
7856	2.55128	0.84031	0.84031	0.84117
7857	2.48652	0	0	0
7858	2.66288	0.84473	0.84473	0.85515
7859	2.63015	0	0	0
7860	2.668	0.81273	0.81273	0.81787
7861	2.67258	0.73553	0.73553	0.76617
7862	2.60022	0.15859	0.15859	0.20941
7863	2.71524	0.79666	0.79666	0.83608
7864	2.64768	0.71824	0.71824	0.52711
7865	2.63701	0.78456	0.78456	0.59088
7866	2.74626	0.73732	0.73732	0.76634
7867	2.65782	0.05647	0.05647	0.2149
7868	2.65752	0.11345	0.11345	0.38333
7869	2.73392	0.7163	0.7163	0.57067
7870	2.57047	0.05646	0.05646	0.21081
7871	2.6475	0.78378	0.78378	0.77414

7872	2.77621	0.79461	0.79461	0.77267
7873	2.69041	0.78519	0.78519	0.6465
7874	2.69911	1.0475	1.0475	1.14124
7875	2.67167	1.03935	1.03935	1.13614
7876	2.67943	1.0231	1.0231	1.11408
7877	2.69048	1.00281	1.00281	1.09177
7878	2.66822	0.98919	0.98919	1.07907
7879	2.67002	0.8999	0.8999	0.94367
7880	2.63672	0.84235	0.84235	0.85327
7881	2.59996	0	0	0
7882	2.59438	0.89611	0.89611	0.93224
7883	2.5393	0.83714	0.83714	0.83686
7884	2.48166	0	0	0
7885	2.61129	0	0	0
7886	2.54909	0	0	0
7887	2.72934	1.2901	1.2901	1.26374
7888	2.69707	1.28674	1.28674	1.26386
7889	2.68072	1.28374	1.28374	1.2702
7890	2.69294	1.2832	1.2832	1.27429
7891	2.69085	1.28204	1.28204	1.2625
7892	2.56383	0.59856	0.59856	0.58597
7893	2.66326	1.27914	1.27914	1.25333
7894	2.67673	1.27856	1.27856	1.25299
7895	2.68807	1.27764	1.27764	1.24832
7896	2.54071	0.83427	0.83427	0.83844
7897	2.45434	0	0	0
7898	2.55803	0.83505	0.83505	0.83957
7899	2.49321	0	0	0
7900	2.60578	0.1301	0.1301	0.22069
7901	2.5649	0.89168	0.89168	0.92485
7902	2.5307	0.83378	0.83378	0.83752
7903	2.49539	0	0	0
7904	2.58724	0.88143	0.88143	0.8947
7905	2.6	0.83609	0.83609	0.84948
7906	2.54437	0	0	0
7907	2.49243	0	0	0
7908	2.53986	0.83635	0.83635	0.83785
7909	2.5822	0.89478	0.89478	0.92521
7910	2.64671	0.93149	0.93149	0.98461
7911	2.76866	1.17792	1.17792	1.26772
7912	2.79925	1.17087	1.17087	1.27075

7913	2.74392	1.16602	1.16602	1.27481
7914	2.69742	1.16126	1.16126	1.2677
7915	2.69881	1.15814	1.15814	1.26671
7916	2.61263	0	0	0
7917	2.56548	1.08656	1.08656	1.17533
7918	2.70288	1.09832	1.09832	1.22665
7919	2.67791	1.01811	1.01811	1.11593
7920	2.66761	1.09389	1.09389	1.21877
7921	2.5115	0	0	0
7922	2.54655	1.08237	1.08237	1.17737
7923	2.54016	1.07786	1.07786	1.17774
7924	2.52424	1.07214	1.07214	1.17205
7925	2.52957	0.91923	0.91923	0.97112
7926	2.50437	0.88484	0.88484	0.91865
7927	2.47642	0.82748	0.82748	0.82893
7928	2.43615	0	0	0
7929	2.4797	1.04476	1.04476	1.13439
7930	2.60152	1.03761	1.03761	1.14299
7931	2.57061	1.02866	1.02866	1.12993
7932	2.53266	1.01816	1.01816	1.11461
7933	2.46822	1.00457	1.00457	1.09097
7934	2.41706	0.87977	0.87977	0.89509
7935	2.41421	0.99016	0.99016	1.06381
7936	2.40537	0.82349	0.82349	0.80527
7937	2.40059	0	0	0
7938	2.38801	0.93243	0.93243	0.97063
7939	2.38102	0.90876	0.90876	0.93507
7940	2.33165	0.87164	0.87164	0.86838
7941	2.31063	0.81466	0.81466	0.78298
7942	2.30136	0	0	0
7943	2.447	0.85607	0.85607	1.10433
7944	2.45893	0.83971	0.83971	1.13132
7945	2.44148	0.84612	0.84612	1.1008
7946	2.46211	1.02796	1.02796	1.16029
7947	2.46101	0.91752	0.91752	1.11061
7948	2.46157	0.87207	0.87207	1.09969
7949	2.41318	0	0	0
7950	2.39568	0	0	0
7951	2.28863	0	0	0
7952	2.32199	0.81091	0.81091	0.78055
7953	2.33517	0.86649	0.86649	0.87609

7954	2.37116	0.90153	0.90153	0.94189
7955	2.41288	0.92761	0.92761	0.98772
7956	2.42651	0.94626	0.94626	1.01999
7957	2.43882	0.96208	0.96208	1.02997
7958	2.45264	0.9958	0.9958	1.08325
7959	2.4534	0.97584	0.97584	1.04548
7960	2.46177	1.01353	1.01353	1.13456
7961	2.46475	1.0051	1.0051	1.09994
7962	2.46329	1.01999	1.01999	1.1325
7963	2.46482	1.02618	1.02618	1.13044
7964	2.46761	1.03237	1.03237	1.12989
7965	2.46818	1.03808	1.03808	1.12995
7966	2.29168	0.10827	0.10827	0.17761
7967	2.29788	0	0	0
7968	2.31904	0.80871	0.80871	0.78369
7969	2.32	0	0	0
7970	2.32433	0.92623	0.92623	0.97599
7971	2.32462	0.83836	0.83836	0.83118
7972	2.34519	0.94434	0.94434	1.00558
7973	2.37924	0.96107	0.96107	1.02907
7974	2.40064	0.97454	0.97454	1.04202
7975	2.42715	0.33171	0.33171	0.53321
7976	2.41904	0.98625	0.98625	1.04973
7977	2.47022	1.05242	1.05242	1.17313
7978	2.47245	1.04343	1.04343	1.1696
7979	2.45627	0.81221	0.81221	0.72599
7980	2.41986	0	0	0
7981	2.49135	1.07107	1.07107	1.18622
7982	2.49204	1.06318	1.06318	1.17712
7983	2.47143	1.05673	1.05673	1.16854
7984	2.50696	1.07614	1.07614	1.18869
7985	2.51825	1.08134	1.08134	1.18776
7986	2.55515	1.08936	1.08936	1.19421
7987	2.57928	1.09883	1.09883	1.20292
7988	2.58178	1.09463	1.09463	1.20452
7989	2.42901	0.79859	0.79859	0.96904
7990	2.40945	0.72562	0.72562	0.94526
7991	2.38321	0.59503	0.59503	0.8978
7992	2.46128	0.90784	0.90784	0.97977
7993	2.43307	0.87321	0.87321	0.92723
7994	2.41279	0.81665	0.81665	0.83452

7995	2.38874	0	0	0
7996	2.44392	0.93523	0.93523	0.9895
7997	2.45784	0.95338	0.95338	1.00411
7998	2.48582	0.97033	0.97033	1.0261
7999	2.55727	0.98596	0.98596	1.06279
8000	2.5802	0.99775	0.99775	1.07249
8001	2.60326	1.00842	1.00842	1.0741
8002	2.62825	1.02832	1.02832	1.10825
8003	2.61879	1.01769	1.01769	1.08746
8004	2.43919	0	0	0
8005	2.46825	0.82455	0.82455	0.82262
8006	2.50658	0.88219	0.88219	0.92171
8007	2.53838	0.91639	0.91639	0.97797
8008	2.62673	0.9687	0.9687	1.04633
8009	2.62465	0.94395	0.94395	1.03142
8010	2.53689	0.51666	0.51666	0.83551
8011	2.60961	0.76924	0.76924	0.92505
8012	2.52633	0.52842	0.52842	0.89096
8013	2.66413	1.27316	1.27316	1.25688
8014	2.73028	1.27356	1.27356	1.21031
8015	2.76271	1.2743	1.2743	1.24192
8016	2.76604	1.27301	1.27301	1.26881
8017	2.76282	1.27303	1.27303	1.27389
8018	2.66106	1.27419	1.27419	1.2526
8019	2.56583	0.73641	0.73641	0.79345
8020	2.66806	1.27548	1.27548	1.24909
8021	2.80481	1.31442	1.31442	1.34078
8022	2.81602	1.3131	1.3131	1.34171
8023	2.80366	1.18135	1.18135	1.26942
8024	2.75303	0.83494	0.83494	0.83254
8025	2.80485	1.24943	1.24943	1.31977
8026	2.79319	1.23286	1.23286	1.29023
8027	2.80274	1.23305	1.23305	1.28897
8028	2.81261	1.3193	1.3193	1.34328
8029	2.82085	1.3161	1.3161	1.34219
8030	2.64445	0.95425	0.95425	1.01841
8031	2.62109	0.92995	0.92995	0.98241
8032	2.56714	0	0	0
8033	2.56681	0.89392	0.89392	0.9256
8034	2.50417	0	0	0
8035	2.67333	0.62213	0.62213	0.80488

8036	2.21886	0.86001	0.86001	0.88525
8037	2.21667	0	0	0
8038	2.21125	0.8449	0.8449	0.85879
8039	2.20664	0.72143	0.72143	0.63417
8040	2.20423	0.82663	0.82663	0.82841
8041	2.19217	0.71996	0.71996	0.62357
8042	2.1817	0	0	0
8043	2.19405	0	0	0
8044	2.22967	0.89414	0.89414	0.93911
8045	2.2379	0.91187	0.91187	0.96281
8046	2.27513	0	0	0
8047	2.26783	0.94062	0.94062	1.01981
8048	2.28627	0.95298	0.95298	1.04135
8049	2.29723	0.9635	0.9635	1.05407
8050	2.30348	0.97225	0.97225	1.06647
8051	2.30859	0.98049	0.98049	1.07167
8052	2.31669	0.9886	0.9886	1.07227
8053	2.32749	0.99719	0.99719	1.07453
8054	2.34387	1.005	1.005	1.07548
8055	2.3377	1.02018	1.02018	1.08145
8056	2.31576	1.02312	1.02312	0.92131
8057	2.30927	0.79683	0.79683	0.76805
8058	2.30717	0	0	0
8059	2.33356	0.70431	0.70431	1.03318
8060	2.35411	1.17629	1.17629	1.15396
8061	2.36204	1.17256	1.17256	1.15694
8062	2.34217	1.19014	1.19014	1.09547
8063	2.34411	1.17853	1.17853	1.05747
8064	2.33697	1.19174	1.19174	1.0869
8065	2.33182	1.19654	1.19654	1.07914
8066	2.32793	1.20132	1.20132	1.07377
8067	2.33306	1.20392	1.20392	1.07193
8068	2.33843	1.20587	1.20587	1.07376
8069	2.3503	1.20976	1.20976	1.07998
8070	2.37826	1.21392	1.21392	1.07517
8071	2.37013	1.21332	1.21332	1.09216
8072	2.36597	0.95901	0.95901	0.97496
8073	2.38629	1.21952	1.21952	1.13882
8074	2.415	1.22155	1.22155	1.14161
8075	2.43102	1.22394	1.22394	1.1465
8076	2.44685	1.22539	1.22539	1.15506

8077	2.49378	1.23151	1.23151	1.17609
8078	2.35666	0.94306	0.94306	0.99594
8079	2.34015	0.60034	0.60034	0.86318
8080	2.34128	0.92395	0.92395	0.96469
8081	2.31387	0.89805	0.89805	0.92065
8082	2.30202	0.86512	0.86512	0.86671
8083	2.29579	0.80968	0.80968	0.77895
8084	2.28803	0	0	0
8085	2.60853	1.01705	1.01705	1.12922
8086	2.5991	1.03819	1.03819	1.15752
8087	2.51477	1.0025	1.0025	1.10322
8088	2.48379	0.99092	0.99092	1.08976
8089	2.44784	0.97741	0.97741	1.07149
8090	2.39237	0.87297	0.87297	0.89935
8091	2.39401	0.92806	0.92806	0.98576
8092	2.3919	0.96101	0.96101	1.03672
8093	2.34513	0	0	0
8094	2.34892	0	0	0
8095	2.34958	0	0	0
8096	2.34612	0	0	0
8097	2.44792	0	0	0
8098	2.4775	0.8239	0.8239	0.82443
8099	2.49543	0.88087	0.88087	0.90475
8100	2.51345	0.91431	0.91431	0.94491
8101	2.56158	0.94005	0.94005	0.99852
8102	2.62563	0.96094	0.96094	1.04302
8103	2.7459	1.27122	1.27122	1.28115
8104	2.69998	1.26825	1.26825	1.30593
8105	2.67536	1.26149	1.26149	1.30652
8106	2.52819	0.82958	0.82958	0.83699
8107	2.45941	0	0	0
8108	2.58807	1.24093	1.24093	1.21233
8109	2.55165	1.23836	1.23836	1.20346
8110	2.55842	0	0	0
8111	2.28939	0	0	0
8112	2.30062	0.7774	0.7774	0.77918
8113	2.31221	0.83115	0.83115	0.87048
8114	2.31811	0.86269	0.86269	0.92503
8115	2.34542	0.88641	0.88641	0.97018
8116	2.38506	1.01677	1.01677	1.19317
8117	2.38551	1.02348	1.02348	1.19712

8118	2.38083	1.01244	1.01244	1.18769
8119	2.37428	0.97972	0.97972	1.1758
8120	2.37804	1.00805	1.00805	1.18536
8121	2.36305	0.97269	0.97269	1.16548
8122	2.34631	0	0	0
8123	2.35824	0.96545	0.96545	1.16023
8124	2.35981	0.92636	0.92636	1.02449
8125	2.33113	0.9129	0.9129	0.99291
8126	2.3182	0.89758	0.89758	0.96716
8127	2.31402	0.87969	0.87969	0.94518
8128	2.29965	0.85692	0.85692	0.90397
8129	2.28342	0.82482	0.82482	0.85537
8130	2.26785	0.7714	0.7714	0.75738
8131	2.25597	0	0	0
8132	2.35892	0.86555	0.86555	1.15074
8133	2.3568	0.85145	0.85145	1.1491
8134	2.35881	0.84197	0.84197	1.15236
8135	2.3584	0.83883	0.83883	1.15036
8136	2.32229	0	0	0
8137	2.35607	0.85309	0.85309	1.14742
8138	2.35598	0.87246	0.87246	1.14952
8139	2.3599	0.88807	0.88807	1.15586
8140	2.36604	0.90177	0.90177	1.16198
8141	2.3676	0.91304	0.91304	1.165
8142	2.37193	0.92321	0.92321	1.16932
8143	2.38014	0.93294	0.93294	1.17725
8144	2.38526	0.94202	0.94202	1.18351
8145	2.3904	0.94975	0.94975	1.18752
8146	2.40732	1.09537	1.09537	1.21572
8147	2.44029	1.09315	1.09315	1.24871
8148	2.48056	1.08423	1.08423	1.27634
8149	2.50157	1.0678	1.0678	1.28409
8150	2.43175	0.94141	0.94141	1.09463
8151	2.44401	0.87827	0.87827	0.98534
8152	2.34943	0.10537	0.10537	0.19267
8153	2.44631	0.83585	0.83585	0.90939
8154	2.43103	0.78204	0.78204	0.81201
8155	2.41285	0	0	0
8156	2.3906	0.12259	0.12259	0.19569
8157	2.38745	0.83438	0.83438	0.89766
8158	2.35281	0.7799	0.7799	0.79247

8159	2.31846	0	0	0
8160	2.36646	1.1164	1.1164	1.1249
8161	2.37325	0.92681	0.92681	1.02383
8162	2.36581	0.9114	0.9114	1.0078
8163	2.35372	0.89335	0.89335	0.97546
8164	2.35894	0.84022	0.84022	0.88559
8165	2.34846	0.78643	0.78643	0.78886
8166	2.32792	0	0	0
8167	2.32233	0	0	0
8168	2.35438	1.11994	1.11994	1.11743
8169	2.34282	1.12614	1.12614	1.09245
8170	2.34204	1.12333	1.12333	1.1068
8171	2.30866	0.79123	0.79123	0.78304
8172	2.28126	0	0	0
8173	2.33491	1.13011	1.13011	1.08553
8174	2.32786	1.13285	1.13285	1.07551
8175	2.31776	1.13552	1.13552	1.05588
8176	2.31452	1.15607	1.15607	1.09593
8177	2.31749	1.13853	1.13853	1.05396
8178	2.31494	1.15916	1.15916	1.0937
8179	2.31899	1.16223	1.16223	1.09404
8180	2.32123	1.16371	1.16371	1.09042
8181	2.32359	1.16745	1.16745	1.08817
8182	2.33118	1.17135	1.17135	1.08949
8183	2.34011	1.1746	1.1746	1.09417
8184	2.35119	1.17663	1.17663	1.10328
8185	2.35767	1.17806	1.17806	1.1101
8186	2.36525	1.18246	1.18246	1.10793
8187	2.38389	0.81618	0.81618	0.7993
8188	2.37656	0	0	0
8189	2.39389	1.19029	1.19029	1.12753
8190	2.41618	1.19408	1.19408	1.13931
8191	2.46762	1.20375	1.20375	1.18183
8192	2.45236	1.1998	1.1998	1.15159
8193	2.51379	1.20924	1.20924	1.19617
8194	2.50916	0.59631	0.59631	0.84147
8195	2.40339	0.93054	0.93054	0.9833
8196	2.37958	0.8181	0.8181	0.80597
8197	2.3795	0.90512	0.90512	0.94543
8198	2.33697	0	0	0
8199	2.35159	0	0	0

8200	2.30369	1.02107	1.02107	0.97014
8201	2.32902	1.0159	1.0159	1.00726
8202	2.34318	1.00958	1.00958	1.01596
8203	2.35244	1.00409	1.00409	1.02139
8204	2.36469	0.99715	0.99715	1.02739
8205	2.3796	0.99049	0.99049	1.03584
8206	2.3983	0.98322	0.98322	1.04755
8207	2.40104	0.93006	0.93006	1.0881
8208	2.42496	0.91638	0.91638	1.10876
8209	2.44012	0.89261	0.89261	1.13189
8210	2.4664	0.88135	0.88135	1.14847
8211	2.50263	0.79943	0.79943	1.18116
8212	2.49651	0.86954	0.86954	1.16633
8213	2.52202	1.05287	1.05287	1.2981
8214	2.51738	0.76344	0.76344	1.19207
8215	2.43914	0.77801	0.77801	0.79305
8216	2.35175	0.90242	0.90242	0.99813
8217	2.35374	0.81698	0.81698	0.84378
8218	2.29645	0.10568	0.10568	0.18912
8219	2.34884	0	0	0
8220	2.32684	0	0	0
8221	2.31933	0.7861	0.7861	0.7806
8222	2.41651	0.72339	0.72339	0.68394
8223	2.37581	0.27061	0.27061	0.52334
8224	2.37245	0.40574	0.40574	0.65045
8225	2.37455	0.72471	0.72471	0.76099
8226	2.39549	0.77825	0.77825	0.83692
8227	2.3933	0.84998	0.84998	0.94923
8228	2.39939	0.87687	0.87687	0.99204
8229	2.41176	0.89743	0.89743	1.02421
8230	2.35883	0	0	0
8231	2.52168	1.06594	1.06594	1.29944
8232	2.5116	0.89185	0.89185	1.0371
8233	2.46009	0.86832	0.86832	0.98019
8234	2.47025	0	0	0
8235	2.41662	0.78265	0.78265	0.81303
8236	2.39015	0	0	0
8237	2.50052	1.0482	1.0482	1.28211
8238	2.49781	1.04503	1.04503	1.28322
8239	2.51818	1.02917	1.02917	1.27286
8240	2.51531	1.02561	1.02561	1.27319

8241	2.47169	1.02044	1.02044	1.25274
8242	2.45698	0.98326	0.98326	1.19817
8243	2.447	0.9923	0.9923	1.20637
8244	2.43317	1.0151	1.0151	1.23315
8245	2.38008	0.88015	0.88015	0.99414
8246	2.3607	0.85739	0.85739	0.94775
8247	2.32096	0.82496	0.82496	0.87525
8248	2.31139	0.77207	0.77207	0.7747
8249	2.30471	0	0	0
8250	2.40492	0	0	0
8251	2.42934	0.88506	0.88506	1.0124
8252	2.43498	0.77935	0.77935	0.81378
8253	2.43436	0	0	0
8254	2.39777	0.77831	0.77831	0.80325
8255	2.38541	0	0	0
8256	2.45232	0.97791	0.97791	1.19196
8257	2.46103	0.95984	0.95984	1.16826
8258	2.43715	0.95211	0.95211	1.14936
8259	2.40239	0.94209	0.94209	1.1245
8260	2.36045	0	0	0
8261	2.36562	0.92217	0.92217	1.07948
8262	2.35101	0.91043	0.91043	1.05304
8263	2.34959	0.8232	0.8232	0.8838
8264	2.33834	0.8495	0.8495	0.93563
8265	2.33974	0.81904	0.81904	0.88648
8266	2.33603	0.76632	0.76632	0.78233
8267	2.29627	0.71226	0.71226	0.67118
8268	2.27297	0	0	0
8269	2.3001	0.30019	0.30019	0.15827
8270	2.30254	0.19302	0.19302	0.37048
8271	2.32824	0.76974	0.76974	0.78337
8272	2.28993	0	0	0
8273	2.36437	0	0	0
8274	2.41092	0.77503	0.77503	0.80383
8275	2.38435	0	0	0
8276	2.51456	0.9728	0.9728	1.0161
8277	2.54706	0.95762	0.95762	1.04261
8278	2.55759	0.88405	0.88405	0.93373
8279	2.50682	0.82556	0.82556	0.82813
8280	2.45677	0	0	0
8281	2.4891	0.82527	0.82527	0.82

8282	2.45487	0	0	0
8283	2.57878	1.22236	1.22236	1.24501
8284	2.57456	1.21721	1.21721	1.20781
8285	2.56427	0.88749	0.88749	0.93831
8286	2.56356	0.95984	0.95984	1.08527
8287	2.56156	0.99949	0.99949	1.12806
8288	2.53162	0.83016	0.83016	0.83637
8289	2.48347	0	0	0
8290	2.4708	0	0	0
8291	2.47995	0.8273	0.8273	0.82368
8292	2.49985	0.85862	0.85862	0.95388
8293	2.46944	0.82576	0.82576	0.91623
8294	2.43028	0.77377	0.77377	0.87658
8295	2.42101	0.72677	0.72677	0.82244
8296	2.42369	0.72025	0.72025	0.79734
8297	2.43058	0.75648	0.75648	0.78654
8298	2.49532	0.80826	0.80826	0.87088
8299	2.56424	0.84558	0.84558	0.92718
8300	2.65414	0.87405	0.87405	0.97643
8301	2.71026	0.89432	0.89432	1.00641
8302	2.71696	0.91005	0.91005	1.0116
8303	2.75195	0.9243	0.9243	1.03989
8304	2.74806	1.01964	1.01964	1.16861
8305	2.33516	0	0	0
8306	2.38607	0	0	0
8307	2.38438	0.87029	0.87029	0.8922
8308	2.40729	0.90406	0.90406	0.94846
8309	2.40548	0.94444	0.94444	1.01735
8310	2.42817	0.9607	0.9607	1.04558
8311	2.42709	0.98582	0.98582	1.08316
8312	2.46875	0.99861	0.99861	1.10647
8313	2.52418	1.01064	1.01064	1.13194
8314	2.5259	1.0247	1.0247	1.16178
8315	2.56143	1.03361	1.03361	1.16924
8316	2.64951	1.04446	1.04446	1.18882
8317	2.35815	0	0	0
8318	2.37441	0	0	0
8319	2.49608	0.76271	0.76271	0.96017
8320	2.44615	0	0	0
8321	2.46763	0.82224	0.82224	0.82761
8322	2.48102	0.87039	0.87039	0.90974

8323	2.55246	0	0	0
8324	2.54518	0.92697	0.92697	1.00024
8325	2.55834	0.9475	0.9475	1.02662
8326	2.59376	0.96494	0.96494	1.04901
8327	2.50763	0	0	0
8328	2.52854	0.82497	0.82497	0.81999
8329	2.55439	0.95714	0.95714	1.04766
8330	2.5583	0.88379	0.88379	0.90839
8331	2.60172	0.97392	0.97392	1.07899
8332	2.66134	0.98879	0.98879	1.09894
8333	2.4639	0.82301	0.82301	0.81981
8334	2.41936	0	0	0
8335	2.46406	0	0	0
8336	2.51733	0.82659	0.82659	0.83267
8337	2.54194	0.88426	0.88426	0.9235
8338	2.61233	0.92016	0.92016	0.99062
8339	2.7225	0.94714	0.94714	1.0467
8340	2.8894	1.26409	1.26409	1.30781
8341	2.90992	1.26513	1.26513	1.30157
8342	2.92729	1.26859	1.26859	1.32448
8343	2.75152	1.26168	1.26168	1.31991
8344	2.80532	1.26118	1.26118	1.31564
8345	2.85427	1.2613	1.2613	1.31492
8346	2.70838	1.26154	1.26154	1.30803
8347	2.69424	1.26183	1.26183	1.31107
8348	2.65252	1.26256	1.26256	1.29749
8349	2.67594	1.26154	1.26154	1.30309
8350	2.70322	1.26087	1.26087	1.31756
8351	2.63983	0	0	0
8352	2.84133	1.15657	1.15657	1.17512
8353	2.80403	1.15383	1.15383	1.18065
8354	2.75723	1.14443	1.14443	1.25003
8355	2.7258	1.13903	1.13903	1.16997
8356	2.63398	1.13478	1.13478	1.2316
8357	2.66766	1.13952	1.13952	1.1491
8358	2.62551	1.13298	1.13298	1.25306
8359	2.64078	1.12862	1.12862	1.2673
8360	2.56153	1.12528	1.12528	1.23515
8361	2.52524	1.12062	1.12062	1.23283
8362	2.50628	1.11567	1.11567	1.23225
8363	2.49548	1.11173	1.11173	1.23147

8364	2.48462	1.10557	1.10557	1.22869
8365	2.65517	1.134	1.134	1.24289
8366	2.70223	1.12152	1.12152	1.12879
8367	2.69206	1.13376	1.13376	1.24797
8368	2.72262	1.12103	1.12103	1.12694
8369	2.73005	1.12253	1.12253	1.11366
8370	2.7289	1.12083	1.12083	1.12002
8371	2.74842	1.12301	1.12301	1.12682
8372	2.72425	1.12732	1.12732	1.19031
8373	2.77144	1.12364	1.12364	1.13335
8374	2.73629	1.13149	1.13149	1.18559
8375	2.77258	1.13628	1.13628	1.18372
8376	2.72607	0.85535	0.85535	1.05469
8377	2.67969	0.8541	0.8541	1.04726
8378	2.78056	1.13797	1.13797	1.13148
8379	2.79609	1.1408	1.1408	1.15217
8380	2.80002	1.14671	1.14671	1.16559
8381	2.74498	1.18529	1.18529	1.23851
8382	2.74409	1.18878	1.18878	1.2394
8383	2.75225	1.19063	1.19063	1.24
8384	2.81103	1.19564	1.19564	1.25241
8385	2.77473	1.23455	1.23455	1.24607
8386	2.77349	1.23444	1.23444	1.2411
8387	2.79078	1.23111	1.23111	1.22125
8388	2.64234	0.84657	0.84657	0.85147
8389	2.5456	0	0	0
8390	2.65996	0.9421	0.9421	1.01677
8391	2.59719	0.91638	0.91638	0.98371
8392	2.59651	0.84569	0.84569	0.86929
8393	2.57458	0.77774	0.77774	0.8048
8394	2.57958	0.87044	0.87044	0.86984
8395	2.52219	0.77973	0.77973	0.71209
8396	2.56076	0	0	0
8397	2.58929	0.88387	0.88387	0.88232
8398	2.62683	0.90687	0.90687	0.92942
8399	2.64913	0.93041	0.93041	0.96341
8400	2.67881	0.95014	0.95014	0.98893
8401	2.86929	1.23101	1.23101	1.24968
8402	2.81773	1.23292	1.23292	1.24607
8403	2.81161	1.23046	1.23046	1.22973
8404	2.8089	1.23098	1.23098	1.22629

8405	2.88752	1.23116	1.23116	1.25812
8406	2.92011	0.82932	0.82932	0.87369
8407	2.94273	0.92068	0.92068	0.98496
8408	2.96914	1.12457	1.12457	1.23466
8409	2.90346	1.23117	1.23117	1.26378
8410	2.79533	1.025	1.025	1.1174
8411	2.9393	1.03467	1.03467	1.14535
8412	2.98382	1.4449	1.4449	1.31705
8413	2.9421	1.18527	1.18527	1.30425
8414	2.90051	1.11227	1.11227	1.16576
8415	2.80279	0.80982	0.80982	0.9189
8416	2.90714	0.89081	0.89081	0.93041
8417	2.92269	0.96947	0.96947	1.00053
8418	2.90597	0.88567	0.88567	0.92677
8419	2.82697	1.09477	1.09477	1.19737
8420	2.8206	1.12115	1.12115	1.2374
8421	2.82756	1.13479	1.13479	1.25312
8422	2.5412	0	0	0
8423	2.61986	0.83827	0.83827	0.84398
8424	2.61669	0.95919	0.95919	1.02423
8425	2.63379	0	0	0
8426	2.63217	0.98298	0.98298	1.05766
8427	2.74183	0.93431	0.93431	0.98989
8428	2.49966	0.83152	0.83152	0.82643
8429	2.56425	0.08854	0.08854	0.13082
8430	2.48311	0	0	0
8431	2.69594	0.89858	0.89858	0.94106
8432	2.62526	0.8392	0.8392	0.84526
8433	2.52001	0	0	0
8434	2.59338	0	0	0
8435	2.80445	1.08903	1.08903	1.19522
8436	2.75186	1.07303	1.07303	1.17279
8437	2.74816	1.08178	1.08178	1.18093
8438	2.7199	1.0663	1.0663	1.16166
8439	2.68329	1.06007	1.06007	1.14877
8440	2.65923	1.05387	1.05387	1.13899
8441	2.63353	1.03292	1.03292	1.11715
8442	2.63786	1.04575	1.04575	1.1319
8443	2.56268	0.79096	0.79096	0.90261
8444	2.55265	0.73762	0.73762	0.88638
8445	2.54397	0.70449	0.70449	0.87615

8446	2.59418	1.00352	1.00352	1.08641
8447	2.59931	1.02451	1.02451	1.0947
8448	2.5636	0.99813	0.99813	1.09521
8449	2.52072	0.6852	0.6852	0.76616
8450	2.52194	0.8714	0.8714	1.04489
8451	2.53492	0.95858	0.95858	1.01381
8452	2.52194	0.9397	0.9397	0.9871
8453	2.51144	0.91594	0.91594	0.95325
8454	2.49451	0.88233	0.88233	0.90663
8455	2.49754	0	0	0
8456	2.46129	0	0	0
8457	2.50878	0.81667	0.81667	0.73069
8458	2.50678	0	0	0
8459	2.5349	0.75468	0.75468	0.90227
8460	2.54041	0.81805	0.81805	0.91483
8461	2.59848	0	0	0
8462	2.60153	0.83614	0.83614	0.78472
8463	2.5182	0.76167	0.76167	0.99055
8464	2.52669	0.91479	0.91479	1.02487
8465	2.53073	0.92615	0.92615	1.02248
8466	2.5225	0.93873	0.93873	1.02172
8467	2.83268	1.10148	1.10148	1.24828
8468	2.71764	1.05084	1.05084	1.18597
8469	2.73158	1.06627	1.06627	1.19918
8470	2.73877	1.09572	1.09572	1.21464
8471	2.65482	1.04043	1.04043	1.16769
8472	2.58145	0.44268	0.44268	0.72045
8473	2.60424	0.9561	0.9561	1.10485
8474	2.62155	1.01779	1.01779	1.16319
8475	2.63411	1.03357	1.03357	1.16517
8476	2.56807	0.93801	0.93801	1.08565
8477	2.55869	0.91985	0.91985	1.0859
8478	2.55219	0.90041	0.90041	1.06711
8479	2.5061	0.87384	0.87384	0.89839
8480	2.49767	0.87245	0.87245	0.84575
8481	2.48518	0.84898	0.84898	0.86778
8482	2.46592	0.81779	0.81779	0.8242
8483	2.45801	0.77216	0.77216	0.79627
8484	2.45433	0.71775	0.71775	0.77659
8485	2.45159	0.70302	0.70302	0.77123
8486	2.46993	0.76452	0.76452	0.81157

8487	2.49971	0.81921	0.81921	0.86778
8488	2.50801	0	0	0
8489	2.52714	0.91309	0.91309	0.96284
8490	2.47436	0.87744	0.87744	0.90668
8491	2.43508	0.81959	0.81959	0.82002
8492	2.40455	0	0	0
8493	2.6199	0.96714	0.96714	1.03737
8494	2.56914	0.9463	0.9463	1.00118
8495	2.52011	0.92158	0.92158	0.95128
8496	2.46044	0.88475	0.88475	0.89075
8497	2.41674	0.82594	0.82594	0.80166
8498	2.38076	0	0	0
8499	2.95997	1.11081	1.11081	1.18931
8500	2.97808	0.87834	0.87834	0.89977
8501	3.00881	1.10914	1.10914	1.21106
8502	3.02833	0.87414	0.87414	0.88342
8503	2.99785	1.10824	1.10824	1.21377
8504	2.98718	1.07259	1.07259	1.23972
8505	3.02188	0.87057	0.87057	0.88945
8506	3.08787	0.79479	0.79479	0.76186
8507	2.98379	1.07172	1.07172	1.24392
8508	3.0364	0.75099	0.75099	0.74404
8509	2.85774	1.0482	1.0482	0.9827
8510	2.90212	1.07155	1.07155	1.22629
8511	2.78213	0.62241	0.62241	0.94552
8512	2.85586	0.28966	0.28966	0.47023
8513	2.91547	1.05103	1.05103	1.03889
8514	2.86247	0.90283	0.90283	0.92941
8515	2.94613	0.75104	0.75104	0.7541
8516	2.95671	1.44239	1.44239	1.31592
8517	2.9012	0.73197	0.73197	0.73625
8518	2.92212	1.06949	1.06949	1.20844
8519	2.91167	1.0544	1.0544	1.18099
8520	2.88927	1.09312	1.09312	1.22052
8521	2.92095	1.10539	1.10539	1.24069
8522	2.92427	0.79351	0.79351	0.75821
8523	2.61902	1.18132	1.18132	1.22575
8524	2.59585	1.08399	1.08399	0.98043
8525	2.59746	1.09943	1.09943	0.87582
8526	2.56987	1.17586	1.17586	1.22023
8527	2.573	1.16083	1.16083	1.20881

8528	2.47519	0.98167	0.98167	1.01439
8529	2.47201	1.00755	1.00755	1.05511
8530	2.46061	0.96609	0.96609	0.99826
8531	2.46395	0	0	0
8532	2.45845	0.94868	0.94868	0.9963
8533	2.46796	0	0	0
8534	2.46227	0.91513	0.91513	0.95984
8535	2.41945	0.08785	0.08785	0.14609
8536	2.39249	0.81884	0.81884	0.79794
8537	2.37789	0.76206	0.76206	0.6989
8538	2.37131	0.262	0.262	0.43412
8539	2.37776	0.34062	0.34062	0.52764
8540	2.38505	0.76465	0.76465	0.74467
8541	2.41326	0.82237	0.82237	0.8316
8542	2.51789	1.15321	1.15321	1.19782
8543	2.49044	1.14775	1.14775	1.20922
8544	2.49174	1.14481	1.14481	1.23139
8545	2.46473	1.13983	1.13983	1.22523
8546	2.47041	1.11448	1.11448	1.18953
8547	2.44852	1.10924	1.10924	1.18792
8548	2.42409	1.10357	1.10357	1.18611
8549	2.41789	1.09966	1.09966	1.19262
8550	2.40815	1.09485	1.09485	1.19415
8551	2.39703	1.08958	1.08958	1.19672
8552	2.38022	1.08399	1.08399	1.19195
8553	2.35989	1.07814	1.07814	1.18169
8554	2.35499	1.07419	1.07419	1.18099
8555	2.34692	1.07003	1.07003	1.17595
8556	2.33622	1.06481	1.06481	1.17818
8557	2.32969	1.06042	1.06042	1.17422
8558	2.31944	1.02673	1.02673	1.13426
8559	2.31899	1.05509	1.05509	1.17158
8560	2.31211	0.94906	0.94906	0.99814
8561	2.31277	1.02073	1.02073	1.12486
8562	2.29367	0.9328	0.9328	0.96113
8563	2.27369	0.91294	0.91294	0.91972
8564	2.26395	0.88836	0.88836	0.86875
8565	2.24904	0.85487	0.85487	0.81549
8566	2.25474	0.80043	0.80043	0.74384
8567	2.24781	0	0	0
8568	2.2901	0.89278	0.89278	0.91259

8569	2.2901	0.95864	0.95864	1.02609
8570	2.28341	0.85938	0.85938	0.85999
8571	2.25655	0.8025	0.8025	0.75688
8572	2.24614	0	0	0
8573	2.26853	0.85868	0.85868	0.85298
8574	2.25761	0.8037	0.8037	0.75824
8575	2.24559	0	0	0
8576	2.30635	0.93479	0.93479	0.98456
8577	2.27739	0.91395	0.91395	0.9438
8578	2.26356	0.80358	0.80358	0.75697
8579	2.26226	0.88976	0.88976	0.90071
8580	2.24956	0	0	0
8581	2.24563	0	0	0
8582	2.39933	1.01548	1.01548	1.07406
8583	2.3672	1.00417	1.00417	1.06257
8584	2.35486	0.99372	0.99372	1.06318
8585	2.34909	0.98335	0.98335	1.05036
8586	2.33378	0.81697	0.81697	0.78095
8587	2.33261	0.92625	0.92625	0.95972
8588	2.32857	0.97034	0.97034	1.02532
8589	2.31407	0.81497	0.81497	0.77334
8590	2.3073	0	0	0
8591	2.3089	0.81468	0.81468	0.77381
8592	2.30116	0	0	0
8593	2.32299	0	0	0
8594	2.55949	1.31292	1.31292	0.9484
8595	2.6514	1.32022	1.32022	1.01377
8596	2.63785	1.31999	1.31999	0.93399
8597	2.6131	1.31988	1.31988	0.87091
8598	2.64385	1.31971	1.31971	0.79978
8599	2.55652	1.31559	1.31559	0.9548
8600	2.63752	1.36953	1.36953	1.00518
8601	2.63422	1.36962	1.36962	0.929
8602	2.6227	1.36396	1.36396	0.8816
8603	2.67447	1.36407	1.36407	0.80893
8604	2.80478	1.31929	1.31929	0.62729
8605	2.86043	1.36291	1.36291	0.63341
8606	2.88255	1.31887	1.31887	0.53885
8607	2.86213	1.36081	1.36081	0.54756
8608	2.62042	1.31851	1.31851	0.78162
8609	2.63571	1.36017	1.36017	0.78612

8610	2.53669	1.31818	1.31818	0.85539
8611	2.54316	1.31883	1.31883	0.91282
8612	2.537	1.35857	1.35857	0.8593
8613	2.53282	1.35606	1.35606	0.88321
8614	2.51014	0.84534	0.84534	0.8341
8615	2.50465	1.09241	1.09241	0.96959
8616	2.4988	1.07903	1.07903	1.01389
8617	2.48632	0	0	0
8618	2.65651	1.0167	1.0167	1.06701
8619	2.64104	1.05216	1.05216	1.11255
8620	2.66069	1.00935	1.00935	1.08761
8621	2.511	0.68406	0.68406	0.86156
8622	2.56297	0.92223	0.92223	0.9297
8623	2.55935	0.89349	0.89349	0.92374
8624	2.50529	0.83407	0.83407	0.83029
8625	2.48378	0	0	0
8626	2.68913	0.92596	0.92596	1.00323
8627	2.68162	0.84417	0.84417	0.87903
8628	2.65194	0	0	0
8629	2.70473	0.84024	0.84024	0.95223
8630	2.71037	0.79082	0.79082	0.77886
8631	2.73104	0.9489	0.9489	1.03983
8632	2.73596	0.9774	0.9774	1.06973
8633	2.74259	0.87489	0.87489	0.97687
8634	2.722	0	0	0
8635	2.70878	0.79353	0.79353	0.79542
8636	2.64708	0	0	0
8637	2.59812	0.84186	0.84186	0.85088
8638	2.55602	0	0	0
8639	2.72666	0.849	0.849	0.86838
8640	2.71646	0.92065	0.92065	0.94233
8641	2.66735	0	0	0
8642	2.58872	1.00329	1.00329	1.06978
8643	2.58053	0.9375	0.9375	1.09884
8644	2.58497	0.99656	0.99656	1.07493
8645	2.59118	0.99933	0.99933	1.06874
8646	2.27091	0.86544	0.86544	0.83041
8647	2.26422	0.81032	0.81032	0.74538
8648	2.24602	0	0	0
8649	2.51189	0	0	0
8650	2.51205	0.96482	0.96482	1.00572

8651	2.48132	0.94326	0.94326	0.98025
8652	2.4418	0.91661	0.91661	0.93555
8653	2.40816	0.88094	0.88094	0.87824
8654	2.39719	0.82418	0.82418	0.79615
8655	2.36763	0	0	0
8656	2.6417	0.95155	0.95155	1.10699
8657	2.63939	0.99528	0.99528	1.12819
8658	2.68312	0.9575	0.9575	1.01592
8659	2.67339	1.05024	1.05024	1.17444
8660	2.61522	0.93044	0.93044	0.97495
8661	2.61789	0.89783	0.89783	0.93684
8662	2.63119	0.77924	0.77924	0.81462
8663	2.6122	0.46155	0.46155	0.66206
8664	2.59049	0.84043	0.84043	0.84561
8665	2.56927	0	0	0
8666	2.77076	1.23918	1.23918	1.3171
8667	2.77501	1.24556	1.24556	1.32943
8668	2.77328	1.24516	1.24516	1.31421
8669	2.74366	0.62699	0.62699	0.88245
8670	2.73144	1.23256	1.23256	1.30729
8671	2.72806	1.23408	1.23408	1.30697
8672	2.6164	0.84068	0.84068	0.84628
8673	2.60388	0	0	0
8674	2.54551	0.83742	0.83742	0.84193
8675	2.48051	0	0	0
8676	2.70685	1.22819	1.22819	1.3109
8677	2.70274	1.22911	1.22911	1.305
8678	2.6109	0	0	0
8679	2.6974	1.22298	1.22298	1.30868
8680	2.69356	1.2258	1.2258	1.31143
8681	2.66744	1.21939	1.21939	1.3033
8682	2.66581	1.21759	1.21759	1.30213
8683	2.66715	1.21612	1.21612	1.29988
8684	2.65761	1.20863	1.20863	1.26627
8685	2.66922	1.2081	1.2081	1.28361
8686	2.57535	0	0	0
8687	2.57925	0.94819	0.94819	1.00641
8688	2.5286	0.88938	0.88938	0.91156
8689	2.49413	0.83182	0.83182	0.82494
8690	2.45937	0	0	0
8691	2.56904	1.00685	1.00685	1.11245

8692	2.5659	0.99847	0.99847	1.11426
8693	2.56815	0.8918	0.8918	0.92556
8694	2.51293	0.83302	0.83302	0.83253
8695	2.46467	0	0	0
8696	2.55455	0.83525	0.83525	0.83882
8697	2.51521	0	0	0
8698	2.57159	0	0	0
8699	2.65667	1.20636	1.20636	1.29454
8700	2.65343	1.20851	1.20851	1.28738
8701	2.64737	1.20518	1.20518	1.29899
8702	2.64098	1.20469	1.20469	1.30034
8703	2.63859	1.21847	1.21847	1.32121
8704	2.63028	1.21995	1.21995	1.31719
8705	2.61337	1.21988	1.21988	1.30886
8706	2.58686	1.21895	1.21895	1.28901
8707	2.59877	1.21445	1.21445	1.30249
8708	2.60458	1.21954	1.21954	1.30566
8709	2.62324	1.22232	1.22232	1.31722
8710	2.60627	1.22206	1.22206	1.3175
8711	2.63683	1.23754	1.23754	1.32051
8712	2.62372	1.22782	1.22782	1.31971
8713	2.6136	1.22666	1.22666	1.31624
8714	2.5207	0.91859	0.91859	0.82613
8715	2.54391	1.07035	1.07035	1.04424
8716	2.63448	1.24221	1.24221	1.33413
8717	2.65474	1.24364	1.24364	1.28798
8718	2.5392	0.95709	0.95709	1.03634
8719	2.53483	0.99482	0.99482	1.08373
8720	2.52165	0.95056	0.95056	1.0307
8721	2.50335	0	0	0
8722	2.5594	0.83317	0.83317	0.83914
8723	2.5432	0.93751	0.93751	1.02463
8724	2.51801	0.84537	0.84537	0.94394
8725	2.47096	0.80426	0.80426	0.90269
8726	2.4506	0.76921	0.76921	0.86908
8727	2.44901	0.7953	0.7953	0.88849
8728	2.44861	0.76462	0.76462	0.85654
8729	2.41249	0.49946	0.49946	0.71041
8730	2.42732	0.76804	0.76804	0.78539
8731	2.45039	0.83776	0.83776	0.84864
8732	2.48506	0.81932	0.81932	0.94462

8733	2.48217	0.97271	0.97271	1.07564
8734	2.46719	0.93519	0.93519	1.01929
8735	2.41896	0.90881	0.90881	0.97182
8736	2.40724	0.8757	0.8757	0.92073
8737	2.36077	0.81722	0.81722	0.81982
8738	2.353	0	0	0
8739	2.48463	0.98463	0.98463	1.08594
8740	2.50244	0.99736	0.99736	1.08809
8741	2.49414	1.05077	1.05077	1.16016
8742	2.51922	0.95243	0.95243	1.03258
8743	2.51892	0.95454	0.95454	1.0405
8744	2.52498	0.95685	0.95685	1.05016
8745	2.52918	1.08057	1.08057	1.17301
8746	2.40969	0.96385	0.96385	1.02654
8747	2.40201	0.87505	0.87505	0.9011
8748	2.39806	0.94768	0.94768	1.00929
8749	2.38976	0.81907	0.81907	0.81392
8750	2.36034	0	0	0
8751	2.35729	0.81666	0.81666	0.807
8752	2.33544	0	0	0
8753	2.52891	1.08222	1.08222	1.17795
8754	2.51901	1.08079	1.08079	1.17826
8755	2.51298	1.08304	1.08304	1.17862
8756	2.55574	1.08968	1.08968	1.19028
8757	2.53747	0.88989	0.88989	0.92292
8758	2.52267	0.83292	0.83292	0.83583
8759	2.44825	0	0	0
8760	2.55009	0	0	0
8761	2.543	1.05453	1.05453	1.23987
8762	2.51353	1.04497	1.04497	1.22686
8763	2.49444	1.03746	1.03746	1.21665
8764	2.48124	1.03051	1.03051	1.21098
8765	2.47603	0.99591	0.99591	1.20623
8766	2.46998	0.98695	0.98695	1.20489
8767	2.46725	0.97962	0.97962	1.20383
8768	2.46659	0.97756	0.97756	1.20308
8769	2.46979	0.97681	0.97681	1.20405
8770	2.47057	0.94915	0.94915	1.18572
8771	2.47123	1.01391	1.01391	1.20589
8772	2.47383	1.02079	1.02079	1.20771
8773	2.47815	1.02632	1.02632	1.21176

8774	2.41728	0.87137	0.87137	0.94933
8775	2.41523	0.8765	0.8765	0.88548
8776	2.39693	0.82012	0.82012	0.80391
8777	2.38503	0	0	0
8778	2.41617	0.91059	0.91059	0.93163
8779	2.41799	0.95328	0.95328	0.95443
8780	2.40878	0.87767	0.87767	0.8861
8781	2.37949	0.82026	0.82026	0.80093
8782	2.36777	0	0	0
8783	2.42152	0.91068	0.91068	0.92838
8784	2.41259	0.8774	0.8774	0.88494
8785	2.40319	0.82125	0.82125	0.80751
8786	2.38209	0	0	0
8787	2.51427	0.74606	0.74606	0.91999
8788	2.5299	0.89407	0.89407	0.92131
8789	2.4994	0.83529	0.83529	0.83158
8790	2.45235	0	0	0
8791	2.52233	0.86082	0.86082	0.93522
8792	2.45261	0.82386	0.82386	0.88466
8793	2.42712	0.76765	0.76765	0.8221
8794	2.39238	0.48496	0.48496	0.71347
8795	2.43192	0.47902	0.47902	0.72292
8796	2.45352	0.7649	0.7649	0.7937
8797	2.44744	0.91084	0.91084	0.95914
8798	2.48656	0.93743	0.93743	0.99974
8799	2.56015	0.52088	0.52088	0.8478
8800	2.57046	0.96099	0.96099	1.042
8801	2.3774	0.82045	0.82045	0.8109
8802	2.35169	0	0	0
8803	2.60885	1.1431	1.1431	1.29654
8804	2.61387	1.12528	1.12528	1.27205
8805	2.61187	1.10902	1.10902	1.25253
8806	2.61612	1.07377	1.07377	1.21476
8807	2.57658	0.48051	0.48051	0.78549
8808	2.58921	1.01069	1.01069	1.119
8809	2.57084	0.99328	0.99328	1.06153
8810	2.57143	0.96842	0.96842	1.04899
8811	2.56374	0.94368	0.94368	1.00496
8812	2.55803	0.91966	0.91966	0.9759
8813	2.56122	0.88639	0.88639	0.92915
8814	2.54255	0.83005	0.83005	0.83358

8815	2.62441	1.06789	1.06789	1.22885
8816	2.6255	1.0372	1.0372	1.19668
8817	2.61097	1.02902	1.02902	1.19654
8818	2.58776	1.00048	1.00048	1.11807
8819	2.60013	0.96301	0.96301	1.06737
8820	2.5015	0.82922	0.82922	0.83202
8821	2.45596	0	0	0
8822	2.58002	0.94359	0.94359	1.03518
8823	2.50133	0.91638	0.91638	0.98081
8824	2.44648	0.88058	0.88058	0.91287
8825	2.38205	0.82095	0.82095	0.80758
8826	2.35917	0	0	0
8827	2.56513	0.94289	0.94289	1.02254
8828	2.54229	0.91803	0.91803	0.98679
8829	2.52469	0.8848	0.8848	0.9314
8830	2.49281	0.82782	0.82782	0.83538
8831	2.47112	0	0	0
8832	2.57684	1.02138	1.02138	1.18743
8833	2.54283	1.01342	1.01342	1.17628
8834	2.51649	1.00443	1.00443	1.16985
8835	2.48713	0.9934	0.9934	1.1607
8836	2.47437	0.97991	0.97991	1.15466
8837	2.46992	0.95379	0.95379	1.15162
8838	2.45011	0.93378	0.93378	1.14048
8839	2.43671	0.9081	0.9081	1.12774
8840	2.42976	0.90239	0.90239	1.12096
8841	2.42744	0.89848	0.89848	1.11736
8842	2.39627	0	0	0
8843	2.33897	0	0	0
8844	2.37878	0.8223	0.8223	0.80562
8845	2.40861	0.88011	0.88011	0.89314
8846	2.43631	0.91461	0.91461	0.94737
8847	2.45045	0.93904	0.93904	0.98162
8848	2.48069	1.05287	1.05287	1.21474
8849	2.48432	1.07693	1.07693	1.22003
8850	2.48675	0.99792	0.99792	1.14547
8851	2.42679	0.96691	0.96691	1.00993
8852	2.40505	0.95024	0.95024	0.98293
8853	2.38278	0.93048	0.93048	0.95241
8854	2.36289	0.81921	0.81921	0.79658
8855	2.36313	0.90611	0.90611	0.92369

8856	2.34871	0	0	0
8857	2.31208	0	0	0
8858	2.48283	0.86511	0.86511	0.87424
8859	2.48467	0.9877	0.9877	1.14559
8860	2.41781	0.54269	0.54269	0.54923
8861	2.44784	0	0	0
8862	2.64917	0.83466	0.83466	0.84421
8863	2.62314	0.92286	0.92286	0.97644
8864	2.60309	0.96342	0.96342	1.01739
8865	2.5788	0.95118	0.95118	1.0374
8866	2.57982	0.93254	0.93254	1.02309
8867	2.57273	0.64297	0.64297	0.84233
8868	2.54578	0	0	0
8869	2.53279	0	0	0
8870	2.57052	0	0	0
8871	2.45152	0.93009	0.93009	1.11002
8872	2.4506	0.93989	0.93989	1.11247
8873	2.44379	0.91701	0.91701	1.10108
8874	2.42352	0.89983	0.89983	1.09307
8875	2.4116	0.89021	0.89021	1.0903
8876	2.41007	0.85568	0.85568	1.0615
8877	2.4172	0.93646	0.93646	1.0972
8878	2.38382	0.87127	0.87127	0.79073
8879	2.42432	0.9486	0.9486	1.10608
8880	2.44566	0.96548	0.96548	1.06465
8881	2.43282	0.95888	0.95888	1.11762
8882	2.38491	0.76287	0.76287	0.82694
8883	2.38871	0.81716	0.81716	0.77346
8884	2.37341	0	0	0
8885	2.45346	0.97129	0.97129	1.06398
8886	2.45878	0.9788	0.9788	1.05997
8887	2.46251	1.01227	1.01227	1.00977
8888	2.38717	0.8755	0.8755	0.87238
8889	2.37669	0.82096	0.82096	0.78075
8890	2.3786	0	0	0
8891	2.69994	1.03371	1.03371	1.14673
8892	2.68934	1.10111	1.10111	1.2462
8893	2.46289	0	0	0
8894	2.52034	0.83003	0.83003	0.82897
8895	2.52483	0.88504	0.88504	0.8995
8896	2.59207	0.95314	0.95314	1.10318

8897	2.60316	0.98716	0.98716	1.13278
8898	2.60952	0.99512	0.99512	1.11994
8899	2.60693	1.00336	1.00336	1.12494
8900	2.6074	1.03458	1.03458	1.16375
8901	2.54282	0.88654	0.88654	0.90883
8902	2.54046	0.83099	0.83099	0.83162
8903	2.49827	0	0	0
8904	2.56911	0.94511	0.94511	1.10112
8905	2.51027	0.83009	0.83009	0.8233
8906	2.4784	0	0	0
8907	2.56131	1.0126	1.0126	1.09573
8908	2.50815	0.97562	0.97562	1.04631
8909	2.50033	0.99861	0.99861	1.07257
8910	2.46261	0.95726	0.95726	1.01545
8911	2.42757	0.93645	0.93645	0.98108
8912	2.41226	0.91211	0.91211	0.94397
8913	2.41238	0	0	0
8914	2.36749	0.8207	0.8207	0.80201
8915	2.33628	0	0	0
8916	2.45451	0	0	0
8917	2.4877	0.58273	0.58273	0.86175
8918	2.47907	1.02638	1.02638	1.12483
8919	2.47757	0.94251	0.94251	0.99753
8920	2.40148	0.91318	0.91318	0.93618
8921	2.38171	0.879	0.879	0.87608
8922	2.36173	0.82234	0.82234	0.78508
8923	2.48693	0.88795	0.88795	0.93006
8924	2.45929	0.51167	0.51167	0.75422
8925	2.45831	0.83056	0.83056	0.83798
8926	2.45032	0	0	0
8927	2.60798	0.83858	0.83858	0.8433
8928	2.56873	0	0	0
8929	2.42574	0.82779	0.82779	0.82764
8930	2.39457	0	0	0
8931	2.4476	0.9652	0.9652	1.0395
8932	2.44563	0.85912	0.85912	0.87587
8933	2.40669	0.88175	0.88175	0.90159
8934	2.40748	0.8264	0.8264	0.81444
8935	2.35683	0	0	0
8936	2.43071	0	0	0
8937	2.36221	0.14228	0.14228	0.22113

8938	2.34223	0	0	0
8939	2.61613	0	0	0
8940	2.60353	0.83918	0.83918	0.84613
8941	2.54372	0	0	0
8942	2.67345	1.40111	1.40111	1.0914
8943	2.63545	1.40583	1.40583	1.0761
8944	2.62009	1.40516	1.40516	1.06657
8945	2.62878	1.37542	1.37542	0.97362
8946	2.566	0.84355	0.84355	0.78934
8947	2.52709	0	0	0
8948	2.41847	0	0	0
8949	2.58019	1.3758	1.3758	0.99527
8950	2.56602	1.37224	1.37224	0.86111
8951	2.54322	1.31775	1.31775	0.83818
8952	2.54507	1.31852	1.31852	0.9478
8953	2.56222	0.90091	0.90091	0.87896
8954	2.55623	0.91974	0.91974	0.92814
8955	2.52358	1.1125	1.1125	0.93253
8956	2.53367	1.35664	1.35664	0.92668
8957	2.65627	0.98348	0.98348	1.07043
8958	2.66038	1.40817	1.40817	1.18268
8959	2.64779	1.40744	1.40744	1.18111
8960	2.64275	1.34999	1.34999	1.19963
8961	2.62803	1.35357	1.35357	1.24085
8962	2.62317	1.22936	1.22936	1.24068
8963	2.61378	1.25005	1.25005	1.26237
8964	2.61385	1.25027	1.25027	1.28176
8965	2.56791	1.13425	1.13425	0.9661
8966	2.51147	0.81663	0.81663	0.60598
8967	2.54369	0.90187	0.90187	0.9232
8968	2.52443	0.86183	0.86183	0.94535
8969	2.56914	0.79991	0.79991	0.74873
8970	2.51741	1.35224	1.35224	0.71626
8971	2.53862	0.80255	0.80255	0.67762
8972	2.54544	0.78201	0.78201	0.64541
8973	2.58023	0.84628	0.84628	0.78557
8974	2.56977	0.97222	0.97222	1.03547
8975	2.5712	0.9311	0.9311	0.96958
8976	2.55703	0.89632	0.89632	0.91415
8977	2.55163	0.8388	0.8388	0.82108
8978	2.54762	0	0	0

8979	2.44362	0	0	0
8980	2.44594	1.01755	1.01755	0.96538
8981	2.69056	1.33022	1.33022	1.00577
8982	2.61911	1.3248	1.3248	0.93102
8983	2.6224	1.31538	1.31538	0.86554
8984	2.59454	1.31552	1.31552	0.98662
8985	2.65019	1.30155	1.30155	0.87388
8986	2.58493	1.31297	1.31297	0.97314
8987	3.09976	1.27876	1.27876	1.31289
8988	3.07164	1.28859	1.28859	1.3004
8989	3.07432	1.28588	1.28588	1.2856
8990	3.10366	1.32375	1.32375	1.30158
8991	3.10754	1.3225	1.3225	1.28235
8992	3.11924	0.5747	0.5747	0.78216
8993	3.06409	0.83792	0.83792	0.69599
8994	3.1039	1.32474	1.32474	1.265
8995	3.13262	1.32492	1.32492	1.2672
8996	3.15499	1.32472	1.32472	1.27226
8997	3.1567	1.32447	1.32447	1.26873
8998	3.15971	1.31654	1.31654	1.20896
8999	3.1996	1.32207	1.32207	1.22219
9000	3.1829	1.32083	1.32083	1.20526
9001	3.13281	1.31802	1.31802	1.16615
9002	3.18246	1.32248	1.32248	1.24652
9003	3.16588	1.32941	1.32941	1.28558
9004	3.10932	1.3284	1.3284	1.26363
9005	3.24333	0.73293	0.73293	0.773
9006	3.28372	1.31909	1.31909	1.25958
9007	3.17421	1.31765	1.31765	1.22064
9008	3.22678	0.71571	0.71571	0.74002
9009	3.1616	1.32003	1.32003	1.22806
9010	3.11015	1.32836	1.32836	1.12481
9011	3.03438	1.39086	1.39086	1.17591
9012	3.00972	1.40307	1.40307	1.25582
9013	3.05112	1.40308	1.40308	1.27168
9014	2.9697	0.90274	0.90274	0.94035
9015	3.01188	0.95333	0.95333	0.98706
9016	3.08979	1.40444	1.40444	1.29227
9017	3.12339	1.40668	1.40668	1.30281
9018	3.17552	1.40525	1.40525	1.26442
9019	3.14987	1.40455	1.40455	1.34075

9020	3.19288	1.40671	1.40671	1.34814
9021	3.15266	1.41168	1.41168	1.3324
9022	3.169	1.41213	1.41213	1.32082
9023	3.19883	1.41349	1.41349	1.34465
9024	3.2395	0.80403	0.80403	0.85441
9025	3.27368	0.78972	0.78972	0.84502
9026	3.30656	0.97121	0.97121	1.12945
9027	3.36147	1.41742	1.41742	1.40395
9028	3.31277	1.41679	1.41679	1.33744
9029	3.28084	1.42008	1.42008	1.32673
9030	3.19417	1.40895	1.40895	1.25142
9031	2.99914	1.41395	1.41395	1.25907
9032	3.06108	1.41664	1.41664	1.29039
9033	3.16474	1.41618	1.41618	1.31295
9034	3.17066	1.415	1.415	1.26197
9035	3.16563	1.41421	1.41421	1.27028
9036	3.15534	1.41176	1.41176	1.25045
9037	3.22161	1.40906	1.40906	1.26079
9038	3.21582	1.40884	1.40884	1.26103
9039	3.20787	0.70778	0.70778	0.6171
9040	2.99561	1.41363	1.41363	1.26411
9041	3.04419	1.41409	1.41409	1.27568
9042	3.06386	1.41523	1.41523	1.28391
9043	3.06009	1.41657	1.41657	1.28485
9044	3.04088	1.41957	1.41957	1.28176
9045	3.03181	1.4225	1.4225	1.28132
9046	3.01972	1.42271	1.42271	1.27475
9047	3.01445	1.42314	1.42314	1.26945
9048	2.99979	1.40947	1.40947	1.18559
9049	3.01777	1.41149	1.41149	1.03761
9050	3.08924	1.42026	1.42026	1.0814
9051	2.99407	1.41366	1.41366	1.03303
9052	2.72147	1.43516	1.43516	1.14066
9053	2.8393	1.43746	1.43746	1.34149
9054	2.90684	1.43635	1.43635	1.35467
9055	2.92407	1.43624	1.43624	1.35121
9056	2.94412	1.43637	1.43637	1.35658
9057	2.97315	1.435	1.435	1.27703
9058	3.02449	1.43424	1.43424	1.25017
9059	3.01359	1.42001	1.42001	1.09103
9060	2.78107	0.90805	0.90805	0.80666

9061	2.7937	1.4424	1.4424	1.26881
9062	2.79422	1.43628	1.43628	1.26047
9063	2.80935	1.43632	1.43632	1.25788
9064	2.82369	1.4362	1.4362	1.25072
9065	2.84031	1.43632	1.43632	1.24923
9066	2.84748	1.43643	1.43643	1.24606
9067	2.85991	1.43647	1.43647	1.23999
9068	2.85387	1.43669	1.43669	1.23916
9069	3.00134	1.43823	1.43823	1.24123
9070	2.97524	1.43826	1.43826	1.2511
9071	2.93948	1.43818	1.43818	1.24047
9072	2.86273	1.43759	1.43759	1.22436
9073	2.79525	1.43751	1.43751	1.23486
9074	2.71712	1.13174	1.13174	1.13247
9075	2.97249	0.73534	0.73534	0.7947
9076	2.97498	1.4444	1.4444	1.28107
9077	2.91456	1.44441	1.44441	1.28106
9078	2.89002	1.43895	1.43895	1.28943
9079	2.92727	1.43874	1.43874	1.28762
9080	2.9012	1.43863	1.43863	1.2887
9081	2.87748	1.43839	1.43839	1.28003
9082	2.87442	1.43857	1.43857	1.29719
9083	2.85283	1.43886	1.43886	1.29814
9084	2.79484	1.44196	1.44196	1.2668
9085	2.94621	0.79446	0.79446	0.7022
9086	2.89657	1.44238	1.44238	1.10526
9087	3.05866	1.44119	1.44119	1.15186
9088	3.04298	1.44133	1.44133	1.18232
9089	2.95439	1.44098	1.44098	1.139
9090	3.04082	1.44096	1.44096	1.16439
9091	2.9695	1.44087	1.44087	1.21724
9092	3.00085	1.44227	1.44227	1.33082
9093	2.95626	0.73322	0.73322	0.74338
9094	2.67554	1.38113	1.38113	0.93331
9095	2.60724	1.027	1.027	0.87649
9096	2.65501	1.3808	1.3808	0.84144
9097	2.75076	1.4029	1.4029	1.11519
9098	2.26861	0	0	0
9099	2.26788	0.79441	0.79441	0.75985
9100	2.26628	0.87865	0.87865	0.89712
9101	2.27152	0	0	0

9102	2.27236	0.79516	0.79516	0.76192
9103	2.27289	0.93264	0.93264	0.98403
9104	2.27168	0.95473	0.95473	1.01376
9105	2.23457	0	0	0
9106	2.23414	0	0	0
9107	2.26289	0	0	0
9108	2.26924	0.84828	0.84828	0.84653
9109	2.26452	0.79454	0.79454	0.75572
9110	2.29247	0.96627	0.96627	1.03089
9111	2.30434	1.00176	1.00176	1.08944
9112	2.30547	0.97586	0.97586	1.04905
9113	2.30306	0.89391	0.89391	0.93249
9114	2.29308	0.86654	0.86654	0.88521
9115	2.28179	0	0	0
9116	2.2813	0.82494	0.82494	0.82098
9117	2.2703	0.24714	0.24714	0.41571
9118	2.27797	0.2753	0.2753	0.47447
9119	2.24124	0	0	0
9120	2.26897	0.79319	0.79319	0.75725
9121	2.28251	0.84772	0.84772	0.85619
9122	2.29869	0.90287	0.90287	0.95306
9123	2.30062	0	0	0
9124	2.3116	0.92157	0.92157	0.97996
9125	2.3115	0.9532	0.9532	1.0146
9126	2.31398	0.93656	0.93656	0.99259
9127	2.31164	0.96318	0.96318	1.01401
9128	2.31788	1.06408	1.06408	1.1734
9129	2.3165	1.00781	1.00781	1.09152
9130	2.31799	0.97262	0.97262	1.02171
9131	2.33266	1.06843	1.06843	1.1811
9132	2.35648	1.07381	1.07381	1.18989
9133	2.36804	1.07752	1.07752	1.19638
9134	2.39132	1.0823	1.0823	1.20926
9135	2.30971	0	0	0
9136	2.32689	0.80225	0.80225	0.77773
9137	2.34849	0.85766	0.85766	0.87721
9138	2.37583	0.95703	0.95703	1.04215
9139	2.37661	0.89114	0.89114	0.94207
9140	2.39181	0.96853	0.96853	1.06545
9141	2.32968	0.85601	0.85601	0.85168
9142	2.32312	0.80188	0.80188	0.76426

9143	2.31683	0	0	0
9144	2.52253	0	0	0
9145	2.54037	0.82202	0.82202	0.8497
9146	2.55222	0.87742	0.87742	0.94268
9147	2.56908	0.91069	0.91069	0.99866
9148	2.36209	0	0	0
9149	2.41023	0.8153	0.8153	0.82084
9150	2.46414	0.87309	0.87309	0.92203
9151	2.52816	0.90846	0.90846	0.9901
9152	2.59841	0.93481	0.93481	1.04365
9153	2.63899	0.95407	0.95407	1.08212
9154	2.64006	1.00918	1.00918	1.17316
9155	2.61111	0.88945	0.88945	1.13892
9156	2.42918	0	0	0
9157	2.43801	0.9966	0.9966	1.12084
9158	2.43941	0.8094	0.8094	0.81941
9159	2.43884	1.11336	1.11336	1.26449
9160	2.44418	1.00392	1.00392	1.12804
9161	2.44933	1.11583	1.11583	1.26744
9162	2.47558	1.11983	1.11983	1.27726
9163	2.5078	1.12403	1.12403	1.28802
9164	2.546	1.12848	1.12848	1.30014
9165	2.56468	1.13135	1.13135	1.3013
9166	2.62301	1.13651	1.13651	1.31708
9167	2.64284	1.13912	1.13912	1.31471
9168	2.3801	0.89366	0.89366	0.94672
9169	2.3821	0	0	0
9170	2.36128	0.80661	0.80661	0.80303
9171	2.34022	0	0	0
9172	2.39142	0.93433	0.93433	1.01645
9173	2.39118	0	0	0
9174	2.41308	0.3251	0.3251	0.53886
9175	2.42	0.95052	0.95052	1.04641
9176	2.47475	0.97088	0.97088	1.08989
9177	2.47412	1.01723	1.01723	1.16751
9178	2.33519	0	0	0
9179	2.38659	0.80852	0.80852	0.81032
9180	2.42384	0.8649	0.8649	0.9097
9181	2.43874	0.89746	0.89746	0.96452
9182	2.43711	0.91995	0.91995	0.99803
9183	2.38087	0	0	0

9184	2.38968	0.87484	0.87484	0.92785
9185	2.39712	0.80017	0.80017	0.83911
9186	2.38859	0.74571	0.74571	0.78935
9187	2.38511	0.42017	0.42017	0.74049
9188	2.34898	0.83529	0.83529	0.88273
9189	2.34899	0.44298	0.44298	0.70131
9190	2.32056	0	0	0
9191	2.41782	0.90447	0.90447	0.97258
9192	2.4541	0.92743	0.92743	1.01332
9193	2.49233	0.94583	0.94583	1.04728
9194	2.51612	0.96054	0.96054	1.0756
9195	2.51869	1.05756	1.05756	1.234
9196	2.53721	1.06212	1.06212	1.2379
9197	2.54854	1.06618	1.06618	1.24099
9198	2.47055	0.45296	0.45296	0.74648
9199	2.5813	1.07267	1.07267	1.24998
9200	2.58239	1.1023	1.1023	1.30409
9201	2.53558	0.98471	0.98471	1.12393
9202	2.53553	0.99342	0.99342	1.13088
9203	2.47884	0.97175	0.97175	1.09276
9204	2.374	0.8779	0.8779	0.93817
9205	2.39514	0.90626	0.90626	0.98223
9206	2.41734	0.92761	0.92761	1.01734
9207	2.44253	0.94502	0.94502	1.04765
9208	2.46751	0.9598	0.9598	1.07484
9209	2.44903	0	0	0
9210	2.4766	0.80956	0.80956	0.82668
9211	2.49827	0.86472	0.86472	0.91191
9212	2.39958	0.79777	0.79777	0.81093
9213	2.372	0.74241	0.74241	0.70636
9214	2.33937	0	0	0
9215	2.33346	0	0	0
9216	2.35962	0.74176	0.74176	0.69917
9217	2.4039	0.8297	0.8297	0.86618
9218	2.4027	0.88362	0.88362	0.9572
9219	2.41182	0.29147	0.29147	0.50926
9220	2.48881	0.96981	0.96981	1.10175
9221	2.49971	0.89698	0.89698	0.96479
9222	2.43245	0.89762	0.89762	0.98248
9223	2.4321	0	0	0
9224	2.4602	0.88032	0.88032	0.94572

9225	2.46095	0.8103	0.8103	0.82546
9226	2.56726	1.03509	1.03509	1.18941
9227	2.52757	1.02732	1.02732	1.18026
9228	2.50432	1.02001	1.02001	1.1738
9229	2.49737	1.01322	1.01322	1.17197
9230	2.50319	0.9805	0.9805	1.11555
9231	2.52418	0	0	0
9232	2.54178	0.95368	0.95368	1.08133
9233	2.5472	0.81302	0.81302	0.83881
9234	2.49696	0	0	0
9235	2.50676	0.8125	0.8125	0.83215
9236	2.43506	0.89472	0.89472	0.9662
9237	2.40038	0.86107	0.86107	0.90178
9238	2.38292	0.80623	0.80623	0.79948
9239	2.3556	0	0	0
9240	2.45206	0	0	0
9241	2.47658	0.83221	0.83221	0.83657
9242	2.5688	0.89205	0.89205	0.97457
9243	2.55127	0.99464	0.99464	1.14637
9244	2.55772	0.9666	0.9666	1.10187
9245	2.54865	1.00309	1.00309	1.14268
9246	2.60257	1.01283	1.01283	1.15956
9247	2.64904	1.02198	1.02198	1.16608
9248	2.6417	1.09077	1.09077	1.27258
9249	2.29262	0	0	0
9250	2.29683	0.80053	0.80053	0.77436
9251	2.32183	0.85639	0.85639	0.87338
9252	2.34984	0.89035	0.89035	0.93327
9253	2.35918	0.9139	0.9139	0.9662
9254	2.38324	0.93327	0.93327	1.00268
9255	2.41758	0.94984	0.94984	1.03891
9256	2.38396	0	0	0
9257	2.35306	0	0	0
9258	2.37114	0.80687	0.80687	0.80198
9259	2.41346	0.80943	0.80943	0.81652
9260	2.41019	0.91771	0.91771	0.99416
9261	2.4826	0.93937	0.93937	1.04377
9262	2.47546	1.0143	1.0143	1.15892
9263	2.49429	1.02116	1.02116	1.17194
9264	2.5503	1.02986	1.02986	1.19199
9265	2.54987	1.05634	1.05634	1.23545

9266	2.64902	1.09405	1.09405	1.27581
9267	2.64032	1.13659	1.13659	1.33234
9268	2.38696	0	0	0
9269	2.39486	0.80831	0.80831	0.80846
9270	2.39941	0.86305	0.86305	0.896
9271	2.45298	0.89801	0.89801	0.96361
9272	2.4651	0.92155	0.92155	1.00114
9273	2.64454	1.13826	1.13826	1.32271
9274	2.66241	1.18133	1.18133	1.37999
9275	2.65811	1.14041	1.14041	1.32105
9276	2.6813	1.18387	1.18387	1.38521
9277	2.3738	0	0	0
9278	2.388	0.81367	0.81367	0.81481
9279	2.44508	0.87177	0.87177	0.91683
9280	2.50676	0.9072	0.9072	0.98447
9281	2.58512	0.93355	0.93355	1.04065
9282	2.41112	0	0	0
9283	2.50451	0	0	0
9284	2.46722	0.86261	0.86261	0.91514
9285	2.46413	0.89483	0.89483	0.97712
9286	2.50788	0.91985	0.91985	1.03026
9287	2.55514	0.93985	0.93985	1.08318
9288	2.57957	0.95545	0.95545	1.11568
9289	2.55059	0.98789	0.98789	1.13187
9290	2.57658	0.96821	0.96821	1.11069
9291	2.42059	0	0	0
9292	2.54268	1.01472	1.01472	1.16734
9293	2.54887	1.0004	1.0004	1.13854
9294	2.42436	0	0	0
9295	2.57938	1.02295	1.02295	1.18721
9296	2.73272	0	0	0
9297	2.69921	1.03956	1.03956	1.23978
9298	2.70155	1.04548	1.04548	1.2398
9299	2.66803	1.05445	1.05445	1.23899
9300	2.62509	1.05947	1.05947	1.19549
9301	2.57851	1.06501	1.06501	1.09903
9302	2.39555	0.92088	0.92088	1.00175
9303	2.40658	0	0	0
9304	2.48189	0.94349	0.94349	1.06769
9305	2.32501	0.86145	0.86145	0.87699
9306	2.32869	0	0	0

9307	2.39388	0	0	0
9308	2.41014	0.81377	0.81377	0.80951
9309	2.43663	0.87	0.87	0.91922
9310	2.46697	0.90417	0.90417	0.9845
9311	2.50175	0.95909	0.95909	1.09354
9312	2.50651	0.97222	0.97222	1.10439
9313	2.56022	1.02483	1.02483	1.21226
9314	2.56135	0.98622	0.98622	1.13773
9315	2.64583	1.03517	1.03517	1.24323
9316	2.61893	1.05045	1.05045	1.24035
9317	2.46777	0	0	0
9318	2.52311	0.82131	0.82131	0.84439
9319	2.53117	0.53755	0.53755	0.95104
9320	2.58884	1.06437	1.06437	1.21633
9321	2.61633	1.05583	1.05583	1.22783
9322	2.48068	0	0	0
9323	2.30193	0	0	0
9324	2.59328	1.14042	1.14042	1.22754
9325	2.58855	1.14561	1.14561	1.22486
9326	2.62472	0.31943	0.31943	0.5356
9327	2.59292	1.13235	1.13235	1.22232
9328	2.57717	1.13741	1.13741	1.22346
9329	2.59919	1.12968	1.12968	1.24008
9330	2.59474	1.06915	1.06915	1.18388
9331	2.605	1.127	1.127	1.25671
9332	2.53695	0.8272	0.8272	0.84294
9333	2.46582	0	0	0
9334	2.52892	0.82763	0.82763	0.83362
9335	2.51636	0	0	0
9336	2.53804	0	0	0
9337	2.55819	0	0	0
9338	2.53874	0.82812	0.82812	0.83607
9339	2.48618	0	0	0
9340	2.55686	0	0	0
9341	2.45223	0	0	0
9342	2.47045	0.82365	0.82365	0.82792
9343	2.49332	0.88025	0.88025	0.91898
9344	2.55612	0.91599	0.91599	0.98005
9345	2.72206	1.29426	1.29426	1.10973
9346	2.73472	1.28799	1.28799	1.07107
9347	2.69494	1.29003	1.29003	1.10481

9348	2.64302	1.29006	1.29006	1.08109
9349	2.6412	1.28583	1.28583	1.08886
9350	2.56858	0.77712	0.77712	0.48102
9351	2.64941	1.2821	1.2821	1.09011
9352	2.65159	1.25991	1.25991	1.26759
9353	2.66697	1.26201	1.26201	1.25801
9354	2.68912	1.27803	1.27803	1.11224
9355	2.6657	1.25681	1.25681	1.27438
9356	2.66936	1.25729	1.25729	1.26887
9357	2.68456	1.25397	1.25397	1.28945
9358	2.69015	1.25484	1.25484	1.2817
9359	2.60899	1.00692	1.00692	0.99754
9360	2.70254	1.24629	1.24629	1.32283
9361	2.70097	1.2476	1.2476	1.30549
9362	2.70184	1.24806	1.24806	1.29845
9363	2.74126	1.24035	1.24035	1.36454
9364	2.73963	1.23937	1.23937	1.32059
9365	2.74021	1.21174	1.21174	1.40369
9366	2.75716	1.23962	1.23962	1.36777
9367	2.60711	0.74162	0.74162	0.69657
9368	2.68681	1.16918	1.16918	1.24073
9369	2.72953	1.19101	1.19101	1.33181
9370	2.73531	1.21084	1.21084	1.39327
9371	2.34368	0	0	0
9372	2.38834	0.81011	0.81011	0.79867
9373	2.43714	0.86737	0.86737	0.89834
9374	2.44889	0.90049	0.90049	0.9416
9375	2.45325	0.92393	0.92393	0.96176
9376	2.45182	0.97904	0.97904	1.04819
9377	2.45668	0.96856	0.96856	1.03651
9378	2.45944	0.94207	0.94207	0.99338
9379	2.49656	0.84723	0.84723	0.8828
9380	2.49534	1.01028	1.01028	1.11328
9381	2.52554	1.01898	1.01898	1.12769
9382	2.57897	1.02803	1.02803	1.14954
9383	2.59258	0.70092	0.70092	0.74163
9384	2.44716	0	0	0
9385	2.42853	0.22707	0.22707	0.35624
9386	2.42662	0	0	0
9387	2.51023	0	0	0
9388	2.51739	0.814	0.814	0.8302

9389	2.53948	0.86974	0.86974	0.93161
9390	2.44262	0	0	0
9391	2.49654	0.81293	0.81293	0.83589
9392	2.56959	0.86988	0.86988	0.95676
9393	2.64481	0.90463	0.90463	1.02479
9394	2.64367	0.92807	0.92807	1.05355
9395	2.62782	0.98283	0.98283	1.14256
9396	2.57984	1.07053	1.07053	1.21478
9397	2.58463	1.06373	1.06373	1.20868
9398	2.5921	1.02214	1.02214	1.1477
9399	2.61946	0.99307	0.99307	1.11825
9400	2.41311	0	0	0
9401	2.40264	0.81035	0.81035	0.7924
9402	2.45242	0.86736	0.86736	0.89113
9403	2.50019	0.95688	0.95688	1.05437
9404	2.50559	0.90222	0.90222	0.96249
9405	2.5238	0.97047	0.97047	1.07796
9406	2.43235	0	0	0
9407	2.49933	0.81526	0.81526	0.82224
9408	2.54111	0.87195	0.87195	0.91607
9409	2.50369	0.81542	0.81542	0.83135
9410	2.45903	0	0	0
9411	2.59831	1.07498	1.07498	1.21433
9412	2.58354	1.08102	1.08102	1.2029
9413	2.4883	0	0	0
9414	2.60271	1.06955	1.06955	1.14313
9415	2.6066	1.08577	1.08577	1.1951
9416	2.44986	0	0	0
9417	2.45221	0.82405	0.82405	0.80973
9418	2.45546	0.88034	0.88034	0.89456
9419	2.46813	0.93686	0.93686	0.99311
9420	2.46753	0	0	0
9421	2.48659	1.0031	1.0031	1.09532
9422	2.48773	0.91534	0.91534	0.96783
9423	2.46536	0.88122	0.88122	0.91163
9424	2.40903	0.82195	0.82195	0.81338
9425	2.37592	0	0	0
9426	2.44045	0	0	0
9427	2.45501	0.82037	0.82037	0.82052
9428	2.46693	0.87621	0.87621	0.90865
9429	2.46497	0.94894	0.94894	1.0213

9430	2.4634	0.96332	0.96332	1.03929
9431	2.40302	0.81704	0.81704	0.81291
9432	2.38312	0	0	0
9433	2.52177	0.86193	0.86193	1.13142
9434	2.53206	1.06544	1.06544	1.18938
9435	2.49823	1.05873	1.05873	1.18248
9436	2.4987	1.01619	1.01619	1.11891
9437	2.43161	0.39285	0.39285	0.60419
9438	2.44918	1.00153	1.00153	1.09093
9439	2.44965	0.84947	0.84947	0.87406
9440	2.37332	0.05458	0.05458	0.08339
9441	2.42824	0	0	0
9442	2.39298	0.95706	0.95706	1.00962
9443	2.40562	0.16424	0.16424	0.2527
9444	2.36648	0.94009	0.94009	0.98432
9445	2.35793	0.92107	0.92107	0.96532
9446	2.3602	0.81226	0.81226	0.80241
9447	2.34907	0	0	0
9448	2.33639	0.81021	0.81021	0.79462
9449	2.32361	0	0	0
9450	2.61284	1.31929	1.31929	1.29547
9451	2.59504	1.31552	1.31552	1.28768
9452	2.59143	1.31189	1.31189	1.27749
9453	2.56843	1.31026	1.31026	1.26979
9454	2.56328	1.30853	1.30853	1.25941
9455	2.5567	1.30475	1.30475	1.26107
9456	2.50954	1.06841	1.06841	1.07164
9457	2.56331	1.29682	1.29682	1.2653
9458	2.56136	1.29653	1.29653	1.21256
9459	2.56076	1.29408	1.29408	1.24315
9460	2.56053	1.29256	1.29256	1.21548
9461	2.54519	1.28488	1.28488	1.20873
9462	2.56649	1.29192	1.29192	1.20651
9463	2.54721	1.28271	1.28271	1.20882
9464	2.54242	1.22683	1.22683	1.15941
9465	2.55993	1.27914	1.27914	1.21174
9466	2.55716	1.22368	1.22368	1.17134
9467	2.56343	1.22175	1.22175	1.17312
9468	2.56087	1.21648	1.21648	1.19892
9469	2.54505	1.01882	1.01882	1.08509
9470	2.55007	1.20757	1.20757	1.14072

9471	2.60295	1.21811	1.21811	1.26007
9472	2.61049	1.2171	1.2171	1.26243
9473	2.60302	1.21571	1.21571	1.26482
9474	2.60163	1.21432	1.21432	1.27073
9475	2.60678	1.19871	1.19871	1.26148
9476	2.60646	1.17663	1.17663	1.25465
9477	2.59445	1.17595	1.17595	1.27538
9478	2.56587	1.15631	1.15631	1.25493
9479	2.59087	1.17381	1.17381	1.30858
9480	2.55458	1.16849	1.16849	1.30421
9481	2.52053	1.01695	1.01695	1.15318
9482	2.33101	0	0	0
9483	2.33514	0.81057	0.81057	0.79046
9484	2.34102	0.86583	0.86583	0.87683
9485	2.35498	0.8992	0.8992	0.92853
9486	2.35363	0.95098	0.95098	1.00582
9487	2.37097	0.96541	0.96541	1.02712
9488	2.33173	0.83451	0.83451	0.84535
9489	2.32609	0.80202	0.80202	0.79565
9490	2.29993	0.74496	0.74496	0.70401
9491	2.27545	0.22476	0.22476	0.35783
9492	2.27184	0.22463	0.22463	0.36052
9493	2.28542	0.74325	0.74325	0.69998
9494	2.29263	0.79821	0.79821	0.78305
9495	2.30523	0.83173	0.83173	0.83708
9496	2.31843	0.85591	0.85591	0.87683
9497	2.33811	0.87537	0.87537	0.9083
9498	2.31742	0	0	0
9499	2.32574	0.81046	0.81046	0.78956
9500	2.34225	0.86634	0.86634	0.87632
9501	2.36987	0.96413	0.96413	1.04379
9502	2.36978	0.90077	0.90077	0.93561
9503	2.40918	0.97894	0.97894	1.06922
9504	2.40873	1.03903	1.03903	1.15213
9505	2.44192	1.04693	1.04693	1.16407
9506	2.46019	1.0535	1.0535	1.16749
9507	2.492	1.06082	1.06082	1.17367
9508	2.50436	1.15181	1.15181	1.13145
9509	2.48137	1.15382	1.15382	1.1291
9510	2.52663	1.15418	1.15418	1.16586
9511	2.56509	1.15587	1.15587	1.17612

9512	2.56891	1.15832	1.15832	1.16726
9513	2.4827	0.87711	0.87711	0.9114
9514	2.45979	0.82093	0.82093	0.82662
9515	2.43285	0	0	0
9516	2.58901	1.15913	1.15913	1.17689
9517	2.63387	1.15993	1.15993	1.20609
9518	2.65036	1.16593	1.16593	1.22667
9519	2.58277	0.73935	0.73935	0.6951
9520	2.66799	1.16745	1.16745	1.24036
9521	2.68214	1.17527	1.17527	1.26609
9522	2.58631	0.97475	0.97475	1.04684
9523	2.51314	0	0	0
9524	2.57144	0.7008	0.7008	0.72122
9525	2.55367	0.99612	0.99612	1.09131
9526	2.5112	0.9839	0.9839	1.07248
9527	2.48471	0.97142	0.97142	1.05689
9528	2.45318	0.95699	0.95699	1.0363
9529	2.45147	0.8701	0.8701	0.91215
9530	2.45112	0.94217	0.94217	1.02357
9531	2.4358	0.81452	0.81452	0.82056
9532	2.40032	0	0	0
9533	2.3844	0.81136	0.81136	0.80234
9534	2.36438	0	0	0
9535	2.48678	0.87583	0.87583	0.90369
9536	2.4427	0.81823	0.81823	0.80908
9537	2.43459	0	0	0
9538	2.48905	1.01232	1.01232	1.11576
9539	2.48933	0.88436	0.88436	0.93224
9540	2.46393	0.97586	0.97586	1.05804
9541	2.46668	0.9654	0.9654	1.04459
9542	2.47188	0.92154	0.92154	0.98348
9543	2.45239	0.81176	0.81176	0.82213
9544	2.42289	0.27838	0.27838	0.40255
9545	2.40702	0	0	0
9546	2.53027	0.8137	0.8137	0.83781
9547	2.47509	0	0	0
9548	2.42544	0.81006	0.81006	0.81807
9549	2.39841	0	0	0
9550	2.39246	0	0	0
9551	2.39859	0.80806	0.80806	0.80846
9552	2.45097	0.81137	0.81137	0.82152

9553	2.41373	0	0	0
9554	2.3459	0	0	0
9555	2.34468	0.79505	0.79505	0.79387
9556	2.33856	0	0	0
9557	2.33421	0.14948	0.14948	0.25743
9558	2.34636	0.79487	0.79487	0.79306
9559	2.38264	0.86638	0.86638	0.9261
9560	2.38194	0.92817	0.92817	1.03006
9561	2.42868	0.94396	0.94396	1.05574
9562	2.43801	0.95567	0.95567	1.06643
9563	2.43521	0.97341	0.97341	1.09083
9564	2.47662	0.98367	0.98367	1.1121
9565	2.52055	0.99353	0.99353	1.11661
9566	2.4824	1.06748	1.06748	1.20265
9567	2.5153	1.02235	1.02235	1.14549
9568	2.52552	1.00061	1.00061	1.11706
9569	2.4902	1.07123	1.07123	1.18646
9570	2.50494	1.07508	1.07508	1.17699
9571	2.52737	1.08516	1.08516	1.1799
9572	2.40164	0	0	0
9573	2.40837	0.80161	0.80161	0.81201
9574	2.39868	0.85462	0.85462	0.88422
9575	2.34225	0	0	0
9576	2.35017	0.79817	0.79817	0.79907
9577	2.35724	0.82205	0.82205	0.86453
9578	2.3533	0.79038	0.79038	0.82272
9579	2.35391	0.73742	0.73742	0.76253
9580	2.35274	0.39864	0.39864	0.66394
9581	2.36589	0.39412	0.39412	0.6697
9582	2.38559	0.73857	0.73857	0.77834
9583	2.37808	0.2089	0.2089	0.34447
9584	2.42201	0.74038	0.74038	0.72619
9585	2.45778	0.79585	0.79585	0.82309
9586	2.45592	0.86687	0.86687	0.93308
9587	2.4181	0.29599	0.29599	0.50582
9588	2.4095	0.73947	0.73947	0.70279
9589	2.44103	0.94566	0.94566	1.04686
9590	2.43792	0.95705	0.95705	1.0609
9591	2.43295	0.99011	0.99011	1.10702
9592	2.41311	0.93064	0.93064	1.02598
9593	2.38922	0.8476	0.8476	0.90293

9594	2.38989	0.91295	0.91295	0.99706
9595	2.2787	0	0	0
9596	2.29473	0.79522	0.79522	0.77885
9597	2.30553	0.84978	0.84978	0.8749
9598	2.27354	0.95787	0.95787	0.98598
9599	2.28806	0.93576	0.93576	0.97105
9600	2.3063	0.88232	0.88232	0.90819
9601	2.27598	0.79529	0.79529	0.76223
9602	2.25981	0	0	0
9603	2.25704	0	0	0
9604	2.28514	0.96873	0.96873	1.00341
9605	2.28333	0.98425	0.98425	1.03199
9606	2.29844	0.99308	0.99308	1.04874
9607	2.30546	1.00029	1.00029	1.06121
9608	2.32927	0.95504	0.95504	1.01797
9609	2.31662	0.94156	0.94156	0.9982
9610	2.31864	0.88784	0.88784	0.91513
9611	2.30315	0.85473	0.85473	0.85852
9612	2.29412	0.7997	0.7997	0.77069
9613	2.27812	0	0	0
9614	2.31188	0.80191	0.80191	0.77543
9615	2.31892	0	0	0
9616	2.34263	1.046	1.046	1.14041
9617	2.35317	1.05099	1.05099	1.14263
9618	2.35776	1.05542	1.05542	1.13794
9619	2.38239	1.06194	1.06194	1.13768
9620	2.42515	1.1083	1.1083	1.21316
9621	2.42374	1.10009	1.10009	1.22667
9622	2.41712	1.10852	1.10852	1.20092
9623	2.42007	1.10726	1.10726	1.20759
9624	2.3758	0.81094	0.81094	0.80188
9625	2.35607	0	0	0
9626	2.37736	0	0	0
9627	2.3932	0.80724	0.80724	0.80861
9628	2.3921	0.89338	0.89338	0.94409
9629	2.36291	0	0	0
9630	2.40922	0.91681	0.91681	0.98447
9631	2.40792	0.98	0.98	1.08262
9632	2.43473	0.9903	0.9903	1.10007
9633	2.35948	0.8908	0.8908	0.93574
9634	2.32946	0.8569	0.8569	0.87695

9635	2.29998	0.80064	0.80064	0.78231
9636	2.2841	0	0	0
9637	2.39584	0	0	0
9638	2.46979	0.81487	0.81487	0.8273
9639	2.49311	0.87098	0.87098	0.91673
9640	2.4911	1.00536	1.00536	1.12632
9641	2.48586	1.11368	1.11368	1.26136
9642	2.43296	0.88615	0.88615	0.96501
9643	2.49763	1.12494	1.12494	1.27556
9644	2.49218	1.11177	1.11177	1.25141
9645	2.51444	1.13212	1.13212	1.27806
9646	2.53372	1.13571	1.13571	1.27631
9647	2.42986	0.95984	0.95984	1.02603
9648	2.44152	0.97654	0.97654	1.07217
9649	2.44293	0.93971	0.93971	1.01508
9650	2.44624	0.86768	0.86768	0.90399
9651	2.39766	0.81041	0.81041	0.81285
9652	2.37666	0	0	0
9653	2.41987	0.81204	0.81204	0.8211
9654	2.40174	0	0	0
9655	2.42384	0.81143	0.81143	0.81432
9656	2.41047	0	0	0
9657	2.44373	0.96657	0.96657	1.0587
9658	2.44315	0.8138	0.8138	0.82673
9659	2.42098	0	0	0
9660	2.41254	0.92038	0.92038	0.9821
9661	2.39917	0.89665	0.89665	0.9467
9662	2.38053	0.86339	0.86339	0.89348
9663	2.38036	0	0	0
9664	2.3453	0	0	0
9665	2.4591	1.10074	1.10074	1.24109
9666	2.44917	1.10038	1.10038	1.24029
9667	2.44296	1.10017	1.10017	1.23961
9668	2.42649	1.09989	1.09989	1.22886
9669	2.4282	1.09974	1.09974	1.23485
9670	2.43194	1.09994	1.09994	1.23799
9671	2.43772	1.10006	1.10006	1.23988
9672	2.38201	0	0	0
9673	2.38007	0.8656	0.8656	0.89537
9674	2.36037	0	0	0
9675	2.50624	0.82251	0.82251	0.83738

9676	2.50251	0.93333	0.93333	1.0035
9677	2.43565	0.81889	0.81889	0.82356
9678	2.40707	0	0	0
9679	2.42546	0	0	0
9680	2.52348	0.86282	0.86282	0.88274
9681	2.51509	0.89476	0.89476	0.92555
9682	2.43473	0	0	0
9683	2.43427	0.85026	0.85026	0.88898
9684	2.44362	0.79706	0.79706	0.81966
9685	2.43422	0	0	0
9686	2.43135	0.79507	0.79507	0.81387
9687	2.45078	0.9398	0.9398	1.063
9688	2.44756	0.96469	0.96469	1.09818
9689	2.42086	0.51476	0.51476	0.73343
9690	2.4451	0.35381	0.35381	0.40522
9691	2.4431	0.79344	0.79344	0.86
9692	2.44698	0.82441	0.82441	0.89174
9693	2.45983	0.84745	0.84745	0.91902
9694	2.46142	0.9736	0.9736	1.10536
9695	2.45624	0.98091	0.98091	1.10985
9696	2.45417	1.01068	1.01068	1.15394
9697	2.4709	0.79799	0.79799	0.81601
9698	2.47579	1.02585	1.02585	1.17833
9699	2.41757	0.40484	0.40484	0.64159
9700	2.4939	1.03287	1.03287	1.18811
9701	2.49056	1.04667	1.04667	1.20769
9702	2.52727	0	0	0
9703	2.52096	1.05474	1.05474	1.22197
9704	2.41563	0.05334	0.05334	0
9705	2.41292	0.89573	0.89573	0.97368
9706	2.41491	0.8424	0.8424	0.89002
9707	2.35204	0	0	0
9708	2.39341	0.78789	0.78789	0.80056
9709	2.36648	0.73327	0.73327	0.70944
9710	2.34712	0	0	0
9711	2.35464	0	0	0
9712	2.39087	0.78788	0.78788	0.7993
9713	2.39269	0.73458	0.73458	0.71432
9714	2.39335	0.36496	0.36496	0.52278
9715	2.42169	0.92614	0.92614	1.04207
9716	2.29194	0.7286	0.7286	0.69365

9717	2.27548	0	0	0
9718	2.29423	0	0	0
9719	2.31846	0.73021	0.73021	0.70211
9720	2.33371	0.78438	0.78438	0.78599
9721	2.31725	0.78341	0.78341	0.78294
9722	2.35796	0.87029	0.87029	0.92519
9723	2.35635	0.88211	0.88211	0.94246
9724	2.3323	0.1962	0.1962	0.30273
9725	2.33847	0.28784	0.28784	0.44529
9726	2.31452	0	0	0
9727	2.34057	0.73189	0.73189	0.70977
9728	2.35527	0.81712	0.81712	0.84406
9729	2.35543	0.78603	0.78603	0.79586
9730	2.33126	0	0	0
9731	2.36495	0.73325	0.73325	0.71571
9732	2.32549	0	0	0
9733	2.34769	0	0	0
9734	2.38012	0.89404	0.89404	0.96711
9735	2.3807	0.81854	0.81854	0.84976
9736	2.36451	0.78624	0.78624	0.78955
9737	2.36461	0.91741	0.91741	0.99643
9738	2.36243	0.92408	0.92408	1.00568
9739	2.40102	0.91265	0.91265	1.00026
9740	2.39884	0.97999	0.97999	1.10165
9741	2.3722	0.57171	0.57171	0.79781
9742	2.36268	0.34379	0.34379	0.52653
9743	2.4068	0.91117	0.91117	1.02339
9744	2.40753	0.56181	0.56181	0.82994
9745	2.32255	0	0	0
9746	2.34718	0.73072	0.73072	0.70249
9747	2.31614	0	0	0
9748	2.34612	0.83685	0.83685	0.87619
9749	2.34666	0.78379	0.78379	0.79079
9750	2.32456	0.72934	0.72934	0.69958
9751	2.30434	0	0	0
9752	2.36297	0.89107	0.89107	0.96627
9753	2.36405	0.78486	0.78486	0.79563
9754	2.44798	0.99735	0.99735	1.11966
9755	2.43419	0.9937	0.9937	1.11663
9756	2.41665	0.98922	0.98922	1.11173
9757	2.49392	1.09648	1.09648	1.25313

9758	2.51611	1.06814	1.06814	1.22491
9759	2.53647	1.05884	1.05884	1.2246
9760	2.50659	1.10722	1.10722	1.25779
9761	2.50813	1.09924	1.09924	1.24677
9762	2.50948	1.10926	1.10926	1.25229
9763	2.54619	1.11984	1.11984	1.25453
9764	2.54134	1.13642	1.13642	1.26974
9765	2.52388	0.94924	0.94924	1.10443
9766	2.39364	0	0	0
9767	2.40718	0.79835	0.79835	0.81158
9768	2.41171	0.85211	0.85211	0.89006
9769	2.44098	0.88513	0.88513	0.94479
9770	2.42485	0.91247	0.91247	0.96908
9771	2.42049	0.74346	0.74346	0.94513
9772	2.42624	0.88931	0.88931	0.94278
9773	2.39678	0.85583	0.85583	0.89108
9774	2.3892	0.80143	0.80143	0.81069
9775	2.36995	0	0	0
9776	2.42015	0.85834	0.85834	0.89099
9777	2.38234	0.80193	0.80193	0.8036
9778	2.38195	0	0	0
9779	2.24157	0	0	0
9780	2.25036	0.81623	0.81623	0.76318
9781	2.2706	1.02489	1.02489	1.0314
9782	2.26658	1.01702	1.01702	1.02875
9783	2.26771	1.0089	1.0089	1.03486
9784	2.26752	0.98371	0.98371	1.0046
9785	2.25233	0.96978	0.96978	0.98644
9786	2.23898	0.95492	0.95492	0.96566
9787	2.22241	0.86515	0.86515	0.83014
9788	2.2227	0.93694	0.93694	0.94084
9789	2.21512	0.80936	0.80936	0.74957
9790	2.20809	0	0	0
9791	2.21228	0.80878	0.80878	0.7469
9792	2.20315	0	0	0
9793	2.29393	1.03509	1.03509	1.02414
9794	2.30225	1.06183	1.06183	1.06745
9795	2.30554	1.07659	1.07659	1.05529
9796	2.31037	1.08146	1.08146	1.05691
9797	2.31994	1.08659	1.08659	1.06083
9798	2.365	1.09027	1.09027	1.10528

9799	2.38087	1.0954	1.0954	1.11447
9800	2.39899	1.10471	1.10471	1.12418
9801	2.40916	1.12247	1.12247	1.14331
9802	2.27411	0	0	0
9803	2.28376	0.81902	0.81902	0.78167
9804	2.27509	0	0	0
9805	2.30742	0.93813	0.93813	1.09661
9806	2.30974	0.92733	0.92733	1.10456
9807	2.31429	0.91483	0.91483	1.10701
9808	2.32239	0.90113	0.90113	1.11475
9809	2.33347	0.88723	0.88723	1.12179
9810	2.34354	0.87312	0.87312	1.13327
9811	2.3466	0.8581	0.8581	1.13532
9812	2.35477	0.83917	0.83917	1.13947
9813	2.36031	0.81597	0.81597	1.13974
9814	2.38451	0.79262	0.79262	1.1504
9815	2.40712	0.80515	0.80515	1.15961
9816	2.40694	0.936	0.936	1.17726
9817	2.41913	0.94972	0.94972	1.19093
9818	2.41714	0.971	0.971	1.19298
9819	2.33315	0	0	0
9820	2.33564	0.80095	0.80095	0.79776
9821	2.34554	0.85565	0.85565	0.87715
9822	2.36269	0.88857	0.88857	0.92738
9823	2.35964	0	0	0
9824	2.43531	0.98134	0.98134	1.19864
9825	2.43371	1.04902	1.04902	1.2298
9826	2.44727	1.05386	1.05386	1.23169
9827	2.44654	1.06339	1.06339	1.23595
9828	2.47311	1.06884	1.06884	1.24238
9829	2.38637	0.99152	0.99152	1.07479
9830	2.35303	0.981	0.981	1.0548
9831	2.33149	0.97058	0.97058	1.03596
9832	2.30245	0.90484	0.90484	0.94144
9833	2.30881	0.88306	0.88306	0.90731
9834	2.30327	0.85103	0.85103	0.85999
9835	2.29821	0.79703	0.79703	0.78082
9836	2.28616	0	0	0
9837	2.39385	0.80639	0.80639	0.81061
9838	2.36089	0	0	0
9839	2.2602	0	0	0

9840	2.28251	0.79573	0.79573	0.78078
9841	2.27626	0.79507	0.79507	0.77883
9842	2.25773	0	0	0
9843	2.33353	0	0	0
9844	2.36583	0.80781	0.80781	0.80207
9845	2.38759	0.86411	0.86411	0.88542
9846	2.40121	0.89679	0.89679	0.93513
9847	2.40215	0.95111	0.95111	1.01333
9848	2.42187	0.96472	0.96472	1.03297
9849	2.46435	0.97829	0.97829	1.05822
9850	2.35728	0.80747	0.80747	0.80143
9851	2.34535	0	0	0
9852	2.36249	0.95823	0.95823	0.98444
9853	2.33974	0.93716	0.93716	0.9489
9854	2.31821	0.91104	0.91104	0.90512
9855	2.31473	0.87806	0.87806	0.85915
9856	2.31212	0.82109	0.82109	0.78831
9857	2.30325	0	0	0
9858	2.47664	0.86971	0.86971	0.90716
9859	2.43711	0	0	0
9860	2.41399	0	0	0
9861	2.54142	1.21719	1.21719	1.20164
9862	2.54474	1.21882	1.21882	1.19813
9863	2.52765	1.21085	1.21085	1.21666
9864	2.53306	1.21551	1.21551	1.20624
9865	2.52861	1.20892	1.20892	1.22275
9866	2.52552	1.19096	1.19096	1.28454
9867	2.52923	1.2069	1.2069	1.23332
9868	2.53315	1.18487	1.18487	1.28958
9869	2.53663	1.18811	1.18811	1.28642
9870	2.54551	1.18242	1.18242	1.29126
9871	2.54166	1.18156	1.18156	1.29076
9872	2.55341	1.18001	1.18001	1.29409
9873	2.56374	1.1633	1.1633	1.3148
9874	2.57944	1.15085	1.15085	1.30917
9875	2.5484	1.13209	1.13209	1.23832
9876	2.46244	0.91949	0.91949	0.98219
9877	2.44365	0.89551	0.89551	0.9469
9878	2.40307	0.86118	0.86118	0.89134
9879	2.38565	0.80587	0.80587	0.80963
9880	2.37453	0	0	0

9881	2.47503	0	0	0
9882	2.52812	1.10629	1.10629	1.32077
9883	2.5117	1.07686	1.07686	1.31558
9884	2.51627	1.10436	1.10436	1.31626
9885	2.49767	1.02934	1.02934	1.14686
9886	2.50214	0.98002	0.98002	1.07919
9887	2.47806	0.96964	0.96964	1.06712
9888	2.35941	0	0	0
9889	2.38222	0.79788	0.79788	0.80795
9890	2.4233	0.85399	0.85399	0.89564
9891	2.42582	0.9077	0.9077	0.97551
9892	2.40538	0.88418	0.88418	0.93596
9893	2.38637	0.8515	0.8515	0.88397
9894	2.37392	0.79715	0.79715	0.80033
9895	2.3649	0	0	0
9896	2.45385	0.9455	0.9455	1.01915
9897	2.44018	0.93065	0.93065	0.99975
9898	2.40436	0.91124	0.91124	0.96976
9899	2.35989	0.88112	0.88112	0.9262
9900	2.343	0.84855	0.84855	0.87503
9901	2.31731	0.79327	0.79327	0.79009
9902	2.31012	0	0	0
9903	2.57706	1.02134	1.02134	1.20379
9904	2.58153	1.0404	1.0404	1.25104
9905	2.57296	1.04686	1.04686	1.23636
9906	2.57262	1.05051	1.05051	1.23391
9907	2.57553	1.06452	1.06452	1.23066
9908	2.58244	1.06918	1.06918	1.23276
9909	2.58685	1.08913	1.08913	1.23535
9910	2.59622	1.05663	1.05663	1.19485
9911	2.51069	0.95115	0.95115	1.03535
9912	2.46613	0.93419	0.93419	1.00472
9913	2.42579	0.91402	0.91402	0.97221
9914	2.39515	0.88926	0.88926	0.9336
9915	2.36406	0.85535	0.85535	0.87952
9916	2.35027	0.80055	0.80055	0.79824
9917	2.34454	0	0	0
9918	2.46018	1.00682	1.00682	1.1037
9919	2.43701	0.80381	0.80381	0.81111
9920	2.43973	0.9354	0.9354	1.01903
9921	2.4378	0.9596	0.9596	1.05135

9922	2.43358	0.99288	0.99288	1.09544
9923	2.38957	0.85478	0.85478	0.88574
9924	2.34928	0	0	0
9925	2.35088	0	0	0
9926	2.4128	0	0	0
9927	2.42991	0	0	0
9928	2.36142	0.13826	0.13826	0.21046
9929	2.3992	0.87121	0.87121	0.91313
9930	2.39954	0.8018	0.8018	0.80496
9931	2.36947	0	0	0
9932	2.52919	1.10404	1.10404	1.21562
9933	2.51665	1.06	1.06	1.15942
9934	2.51449	1.10098	1.10098	1.21574
9935	2.49598	1.05567	1.05567	1.15464
9936	2.46908	1.0503	1.0503	1.15167
9937	2.43612	1.04497	1.04497	1.14118
9938	2.41709	1.03984	1.03984	1.13836
9939	2.4226	1.02426	1.02426	1.13035
9940	2.41905	1.01926	1.01926	1.13993
9941	2.42777	1.01412	1.01412	1.15635
9942	2.42768	0.99757	0.99757	1.12997
9943	2.43158	0.97518	0.97518	1.10105
9944	2.43262	0.91683	0.91683	1.0076
9945	2.4136	0.8853	0.8853	0.95373
9946	2.4184	0.85403	0.85403	0.90692
9947	2.35258	0.79724	0.79724	0.80303
9948	2.33179	0	0	0
9949	2.3857	0.79932	0.79932	0.81463
9950	2.38617	0.26732	0.26732	0.4359
9951	2.38384	0.88338	0.88338	0.94393
9952	2.34439	0.8494	0.8494	0.883
9953	2.36105	0	0	0
9954	2.39323	0.69951	0.69951	0.95894
9955	2.41032	0.7349	0.7349	1.01791
9956	2.4327	0.79276	0.79276	1.03136
9957	2.44502	0.82595	0.82595	1.03542
9958	2.46661	0.85036	0.85036	1.03823
9959	2.37084	0	0	0
9960	2.40958	0.80152	0.80152	0.81609
9961	2.45529	0.85741	0.85741	0.91735
9962	2.44585	0	0	0

9963	2.47037	0.80437	0.80437	0.83044
9964	2.50923	0.89119	0.89119	0.98295
9965	2.50835	0.94499	0.94499	1.06966
9966	2.50337	0.96729	0.96729	1.10008
9967	2.44706	0	0	0
9968	2.53847	0.97809	0.97809	1.12283
9969	2.53563	1.02287	1.02287	1.19155
9970	2.52978	1.03713	1.03713	1.21153
9971	2.47531	0.92971	0.92971	1.03359
9972	2.4373	0.91038	0.91038	0.99653
9973	2.38414	0.88511	0.88511	0.94803
9974	2.37099	0.7995	0.7995	0.80774
9975	2.32029	0	0	0
9976	2.35281	0	0	0
9977	2.54798	1.04227	1.04227	1.21737
9978	2.53628	1.07704	1.07704	1.24688
9979	2.54356	1.08084	1.08084	1.23746
9980	2.52079	1.04107	1.04107	1.13213
9981	2.46052	0.97869	0.97869	1.09896
9982	2.44292	0.9688	0.9688	1.08924
9983	2.44317	0.89943	0.89943	0.98188
9984	2.44509	0.8034	0.8034	0.82439
9985	2.40804	0	0	0
9986	2.39588	0.24224	0.24224	0.3972
9987	2.3885	0	0	0
9988	2.41158	0.85522	0.85522	0.89616
9989	2.40802	0.88653	0.88653	0.94614
9990	2.39662	0.80081	0.80081	0.81008
9991	2.36928	0	0	0
9992	2.39475	0	0	0
9993	2.40437	0.79955	0.79955	0.81623
9994	2.32733	0.7949	0.7949	0.79589
9995	2.29772	0	0	0
9996	2.37995	0.85322	0.85322	0.87711
9997	2.36455	0.79879	0.79879	0.80299
9998	2.32662	0	0	0
9999	2.51324	0.8033	0.8033	0.80083
10000	2.49764	0	0	0
10001	2.37977	0	0	0
10002	2.42096	0	0	0
10003	2.45046	0.80796	0.80796	0.82816

10004	2.44736	0.93356	0.93356	1.02519
10005	2.44551	0.95982	0.95982	1.06401
10006	2.38998	0.85866	0.85866	0.89675
10007	2.35445	0	0	0
10008	2.34797	0	0	0
10009	2.42392	0	0	0
10010	2.43817	0.80589	0.80589	0.82138
10011	2.45878	0.86107	0.86107	0.91099
10012	2.41922	0	0	0
10013	2.40613	0.889	0.889	0.94707
10014	2.43088	0.93015	0.93015	1.02055
10015	2.43375	0.85903	0.85903	0.90431
10016	2.43828	0.80494	0.80494	0.81886
10017	2.36654	0	0	0
10018	2.38405	0.8025	0.8025	0.81059
10019	2.4728	0.17123	0.17123	0.28737
10020	2.51113	1.03472	1.03472	1.18816
10021	2.51762	1.01501	1.01501	1.1625
10022	2.52133	1.00298	1.00298	1.14925
10023	2.53304	0.74747	0.74747	0.74185
10024	2.51891	0	0	0
10025	2.47487	0.98671	0.98671	1.11763
10026	2.38809	0.8565	0.8565	0.89257
10027	2.37737	0.80176	0.80176	0.80267
10028	2.3561	0	0	0
10029	2.52926	1.17018	1.17018	1.29345
10030	2.52705	1.04024	1.04024	1.18787
10031	2.53995	1.1696	1.1696	1.3058
10032	2.52087	1.17012	1.17012	1.29887
10033	2.51413	1.17081	1.17081	1.29832
10034	2.51401	1.17029	1.17029	1.29878
10035	2.50848	1.17095	1.17095	1.29813
10036	2.50651	1.17112	1.17112	1.29599
10037	2.49987	1.17136	1.17136	1.29445
10038	2.49831	1.17426	1.17426	1.28674
10039	2.44355	0.89388	0.89388	0.96144
10040	2.41882	0.86087	0.86087	0.90602
10041	2.39799	0.80584	0.80584	0.81516
10042	2.3833	0	0	0
10043	2.44585	0.81976	0.81976	0.91051
10044	2.49335	1.18437	1.18437	1.28233

10045	2.49411	1.18306	1.18306	1.28497
10046	2.4909	1.18672	1.18672	1.27886
10047	2.49137	1.1841	1.1841	1.27237
10048	2.48884	1.20284	1.20284	1.27975
10049	2.49368	1.20475	1.20475	1.28278
10050	2.49318	1.20527	1.20527	1.28332
10051	2.49455	1.20515	1.20515	1.28156
10052	2.48093	1.20608	1.20608	1.26659
10053	2.39835	0	0	0
10054	2.41413	0.8105	0.8105	0.80931
10055	2.4168	0.86448	0.86448	0.88091
10056	2.42983	0.89276	0.89276	0.8823
10057	2.44183	0.89823	0.89823	0.94515
10058	2.43189	0.86619	0.86619	0.90449
10059	2.41724	0.81098	0.81098	0.81529
10060	2.3996	0	0	0
10061	2.43441	0.84643	0.84643	0.87388
10062	2.43074	0.93709	0.93709	1.00553
10063	2.42585	0	0	0
10064	2.35158	0.087	0.087	0.13531
10065	2.36054	0.81434	0.81434	0.803
10066	2.36316	0	0	0
10067	2.4335	0	0	0
10068	2.42453	0.90527	0.90527	0.95069
10069	2.40062	0.8716	0.8716	0.89743
10070	2.3746	0.81454	0.81454	0.80519
10071	2.34724	0	0	0
10072	2.44789	0	0	0
10073	2.41425	0.81683	0.81683	0.78683
10074	2.39291	0.87233	0.87233	0.87138
10075	2.41856	0.90677	0.90677	0.93834
10076	2.38927	0	0	0
10077	2.39237	0.81808	0.81808	0.80905
10078	2.41662	0.87473	0.87473	0.91048
10079	2.44679	0.98675	0.98675	1.09787
10080	2.44669	0.90907	0.90907	0.97361
10081	2.45663	0.99688	0.99688	1.11703
10082	2.46573	1.00626	1.00626	1.12736
10083	2.46235	1.01462	1.01462	1.12417
10084	2.45521	1.02158	1.02158	1.12557
10085	2.32827	0	0	0

10086	2.36524	0.81717	0.81717	0.8038
10087	2.39502	0.87471	0.87471	0.89828
10088	2.41994	0.37561	0.37561	0.6388
10089	2.4084	0.9084	0.9084	0.95423
10090	2.46955	0.94459	0.94459	1.0201
10091	2.46907	1.05761	1.05761	1.19317
10092	2.44587	0	0	0
10093	2.47586	0.83159	0.83159	0.83034
10094	2.49811	0.88898	0.88898	0.92021
10095	2.52327	0.92428	0.92428	0.97438
10096	2.5228	1.01281	1.01281	1.12035
10097	2.51839	1.07292	1.07292	1.20001
10098	2.51606	1.08097	1.08097	1.20924
10099	2.53341	1.19379	1.19379	1.29884
10100	2.3371	0.81827	0.81827	0.79567
10101	2.34264	0	0	0
10102	2.31112	0	0	0
10103	2.38008	0.82277	0.82277	0.80824
10104	2.37697	0.90942	0.90942	0.94608
10105	2.34966	0	0	0
10106	2.42122	0.96925	0.96925	1.04127
10107	2.42809	0.98358	0.98358	1.04521
10108	2.44765	0.9971	0.9971	1.06122
10109	2.4604	0	0	0
10110	2.46686	1.16211	1.16211	1.23736
10111	2.52889	1.12146	1.12146	1.27615
10112	2.49793	1.15501	1.15501	1.28018
10113	2.46577	1.15984	1.15984	1.24107
10114	2.40368	0	0	0
10115	2.42827	0.8274	0.8274	0.8158
10116	2.54265	1.11839	1.11839	1.29901
10117	2.54832	1.05329	1.05329	1.22031
10118	2.5482	1.1153	1.1153	1.31585
10119	2.53671	0.98133	0.98133	1.08313
10120	2.53979	1.04777	1.04777	1.2113
10121	2.37326	0	0	0
10122	2.36231	0.81257	0.81257	0.78101
10123	2.40512	0	0	0
10124	2.38292	0.81452	0.81452	0.79631
10125	2.37583	0.92369	0.92369	0.98409
10126	2.38902	0.9429	0.9429	1.01762

10127	2.38389	0.95755	0.95755	1.03513
10128	2.40097	0.9715	0.9715	1.06276
10129	2.4124	0.98319	0.98319	1.08052
10130	2.42803	0.99396	0.99396	1.09968
10131	2.42742	1.02316	1.02316	1.15374
10132	2.40465	0	0	0
10133	2.41436	0.8195	0.8195	0.81899
10134	2.43947	0.87627	0.87627	0.92053
10135	2.44344	1.04582	1.04582	1.1956
10136	2.48758	1.05377	1.05377	1.21981
10137	2.33792	0	0	0
10138	2.35261	0.8147	0.8147	0.801
10139	2.37014	0.87099	0.87099	0.89894
10140	2.49234	0.97927	0.97927	1.10226
10141	2.45846	0.96481	0.96481	1.07057
10142	2.4384	0.94905	0.94905	1.03903
10143	2.40133	0.92832	0.92832	1.00119
10144	2.37693	0	0	0
10145	2.36844	0.90271	0.90271	0.95284
10146	2.33334	0.81259	0.81259	0.79108
10147	2.30789	0	0	0
10148	2.52082	0.96773	0.96773	1.05872
10149	2.49565	0.95125	0.95125	1.02306
10150	2.47953	0.93179	0.93179	0.98027
10151	2.47298	0.90646	0.90646	0.94787
10152	2.53986	0.87393	0.87393	0.94793
10153	2.55352	0.8185	0.8185	0.85128
10154	2.54774	0	0	0
10155	2.47907	0.94428	0.94428	1.00498
10156	2.46661	0.91972	0.91972	0.9703
10157	2.41924	0.8833	0.8833	0.90635
10158	2.42219	0	0	0
10159	2.37912	0	0	0
10160	2.40488	0	0	0
10161	2.43386	0.80984	0.80984	0.82401
10162	2.46958	0.86535	0.86535	0.96154
10163	2.53096	0.89949	0.89949	1.05175
10164	2.63573	0.92504	0.92504	1.14214
10165	2.71554	0.94509	0.94509	1.19722
10166	2.72178	0.99154	0.99154	1.30004
10167	2.57689	0.87	0.87	0.99151

10168	2.49216	0	0	0
10169	2.45223	0	0	0
10170	2.72771	1	1	1.31855
10171	2.72692	1.01434	1.01434	1.34437
10172	2.7381	1.03698	1.03698	1.38187
10173	2.54438	0	0	0
10174	2.58462	0.87065	0.87065	1.00088
10175	2.52007	0.81444	0.81444	0.85274
10176	2.43879	0	0	0
10177	2.703	1.0425	1.0425	1.34733
10178	2.64283	1.04876	1.04876	1.28156
10179	2.61257	1.0538	1.0538	1.24759
10180	2.6015	1.05949	1.05949	1.22282
10181	2.59485	1.06415	1.06415	1.21754
10182	2.72181	0.9829	0.9829	1.21237
10183	2.7837	0	0	0
10184	2.43716	0	0	0
10185	2.46152	0.8184	0.8184	0.81716
10186	2.46766	0.81904	0.81904	0.83136
10187	2.48938	0.87466	0.87466	0.94082
10188	2.40095	0	0	0
10189	2.56403	0.95086	0.95086	1.10644
10190	2.67066	1.10084	1.10084	1.28662
10191	2.67435	1.10559	1.10559	1.2817
10192	2.70744	1.11386	1.11386	1.25486
10193	2.38619	0	0	0
10194	2.42449	1.13284	1.13284	1.17844
10195	2.39265	0.82584	0.82584	0.81363
10196	2.43659	1.13623	1.13623	1.18249
10197	2.44534	1.13887	1.13887	1.1822
10198	2.45793	1.14263	1.14263	1.183
10199	2.41618	1.12544	1.12544	1.17683
10200	2.41063	1.12165	1.12165	1.17452
10201	2.40826	1.10979	1.10979	1.17765
10202	2.40928	1.11705	1.11705	1.17528
10203	2.3684	0.87026	0.87026	0.89033
10204	2.35116	0.81411	0.81411	0.80395
10205	2.3293	0	0	0
10206	2.40056	1.10654	1.10654	1.17146
10207	2.38873	1.10034	1.10034	1.16364
10208	2.35512	0.8138	0.8138	0.80362

10209	2.34274	0	0	0
10210	2.41656	0.90169	0.90169	0.93454
10211	2.38362	1.09022	1.09022	1.16088
10212	2.40552	0.86869	0.86869	0.88245
10213	2.41049	0.81361	0.81361	0.81127
10214	2.40329	1.0722	1.0722	1.17564
10215	2.40567	1.06877	1.06877	1.17026
10216	2.41747	1.06425	1.06425	1.17498
10217	2.42596	1.05995	1.05995	1.17758
10218	2.42544	1.05462	1.05462	1.18235
10219	2.38326	0	0	0
10220	2.43366	1.0513	1.0513	1.1882
10221	2.4435	1.04782	1.04782	1.191
10222	2.44416	1.01774	1.01774	1.21348
10223	2.4507	1.0128	1.0128	1.21782
10224	2.46365	1.00684	1.00684	1.21956
10225	2.47263	1.00149	1.00149	1.22165
10226	2.46895	0.93393	0.93393	1.23972
10227	2.46595	0.90043	0.90043	1.23001
10228	2.47129	0.92118	0.92118	1.23617
10229	2.4281	0.86988	0.86988	0.92695
10230	2.42506	0.95563	0.95563	1.05315
10231	2.41091	0.85274	0.85274	0.89715
10232	2.40867	0.88408	0.88408	0.94262
10233	2.38029	0.79731	0.79731	0.81029
10234	2.34712	0	0	0
10235	2.39619	0.7986	0.7986	0.81443
10236	2.37229	0.20854	0.20854	0.31341
10237	2.36424	0	0	0
10238	2.35732	0	0	0
10239	2.36636	0.79935	0.79935	0.80104
10240	2.30321	0	0	0
10241	2.3252	0.79628	0.79628	0.7914
10242	2.34773	0.85133	0.85133	0.87721
10243	2.36678	0.88422	0.88422	0.92894
10244	2.40589	0.90925	0.90925	0.97317
10245	2.4055	0.95248	0.95248	1.03859
10246	2.41495	0	0	0
10247	2.24253	0	0	0
10248	2.2526	0.78589	0.78589	0.76808
10249	2.26688	0.83965	0.83965	0.84991

10250	2.28654	0.87282	0.87282	0.89982
10251	2.30457	0	0	0
10252	2.31499	0.79135	0.79135	0.78771
10253	2.31842	0.9408	0.9408	1.00691
10254	2.31953	0.84504	0.84504	0.86735
10255	2.34619	0.95359	0.95359	1.0301
10256	2.36422	0.96419	0.96419	1.04743
10257	2.37993	0.9735	0.9735	1.0613
10258	2.38906	0.98185	0.98185	1.06827
10259	2.40102	0.99508	0.99508	1.07693
10260	2.41184	1.00221	1.00221	1.08206
10261	2.45622	1.01109	1.01109	1.10075
10262	2.25481	0	0	0
10263	2.28605	0	0	0
10264	2.28568	0.84047	0.84047	0.85751
10265	2.29557	0.87228	0.87228	0.90897
10266	2.31307	0.89591	0.89591	0.94613
10267	2.33213	0.91463	0.91463	0.97746
10268	2.35669	0.93059	0.93059	1.00683
10269	2.38549	0.94459	0.94459	1.03339
10270	2.42891	0.95772	0.95772	1.06218
10271	2.44895	0.96804	0.96804	1.07931
10272	2.44092	0.99647	0.99647	1.11643
10273	2.43345	1.02578	1.02578	1.15243
10274	2.38818	0.90277	0.90277	0.96607
10275	2.37704	0.87969	0.87969	0.93261
10276	2.35516	0.84688	0.84688	0.88037
10277	2.34286	0.79277	0.79277	0.79775
10278	2.32697	0	0	0
10279	2.39894	0.84966	0.84966	0.89309
10280	2.36158	0.79406	0.79406	0.80257
10281	2.32923	0	0	0
10282	2.46058	1.03187	1.03187	1.16141
10283	2.412	0.45368	0.45368	0.6851
10284	2.48511	1.03742	1.03742	1.16844
10285	2.47648	1.06911	1.06911	1.2092
10286	2.51061	1.07363	1.07363	1.22204
10287	2.50654	1.08367	1.08367	1.29398
10288	2.51254	1.08615	1.08615	1.29595
10289	2.50507	1.04868	1.04868	1.33085
10290	2.51078	1.04766	1.04766	1.33224

10291	2.50667	1.0735	1.0735	1.31956
10292	2.4544	1.02814	1.02814	1.16766
10293	2.43688	1.02276	1.02276	1.15909
10294	2.43746	1.00716	1.00716	1.10045
10295	2.42761	1.00087	1.00087	1.10092
10296	2.4367	0.99542	0.99542	1.11376
10297	2.44641	0.97549	0.97549	1.09148
10298	2.45071	0.94795	0.94795	1.05431
10299	2.42247	0.92037	0.92037	1.00589
10300	2.3826	0	0	0
10301	2.39552	0.90152	0.90152	0.9732
10302	2.36764	0.87739	0.87739	0.93353
10303	2.35255	0	0	0
10304	2.35119	0.84507	0.84507	0.88121
10305	2.32579	0	0	0
10306	2.39421	0.79549	0.79549	0.80703
10307	2.36323	0	0	0
10308	2.39822	0.79542	0.79542	0.81075
10309	2.37091	0	0	0
10310	2.40358	0.84338	0.84338	1.03361
10311	2.40369	0.55614	0.55614	0.66738
10312	2.40061	0.33973	0.33973	0.50468
10313	2.40221	0.82498	0.82498	0.99099
10314	2.40105	0.811	0.811	1.015
10315	2.3892	0.55708	0.55708	0.66159
10316	2.4067	0.84383	0.84383	0.98613
10317	2.41007	0.8729	0.8729	0.99144
10318	2.41541	0.88416	0.88416	0.99217
10319	2.41708	0.95877	0.95877	1.01145
10320	2.42338	0.96883	0.96883	1.01937
10321	2.43044	0.98253	0.98253	1.02737
10322	2.46149	0.99111	0.99111	1.04777
10323	2.3767	0.84999	0.84999	0.88584
10324	2.37605	0.9033	0.9033	0.96374
10325	2.34042	0	0	0
10326	2.34739	0.79467	0.79467	0.79949
10327	2.33803	0	0	0
10328	2.37811	0.17708	0.17708	0.27175
10329	2.47059	1.1105	1.1105	1.2735
10330	2.47256	1.11257	1.11257	1.27681
10331	2.47149	1.11778	1.11778	1.27284

10332	2.47216	1.11933	1.11933	1.27443
10333	2.47394	1.12021	1.12021	1.26641
10334	2.47449	1.13355	1.13355	1.26678
10335	2.47308	1.13505	1.13505	1.2661
10336	2.47409	1.13763	1.13763	1.2637
10337	2.43542	0.56245	0.56245	0.67495
10338	2.41273	0.92399	0.92399	0.8673
10339	2.43046	0.91097	0.91097	0.98086
10340	2.43372	0.80341	0.80341	0.82194
10341	2.36796	0.79949	0.79949	0.80646
10342	2.3458	0	0	0
10343	2.47226	1.1393	1.1393	1.26116
10344	2.47212	1.14168	1.14168	1.26019
10345	2.4361	0.64399	0.64399	0.80729
10346	2.46942	1.14262	1.14262	1.25268
10347	2.46752	1.14681	1.14681	1.25396
10348	2.46647	1.15016	1.15016	1.25024
10349	2.46335	1.15178	1.15178	1.24949
10350	2.45189	1.15626	1.15626	1.24613
10351	2.44071	1.1609	1.1609	1.24032
10352	2.43373	1.16564	1.16564	1.23892
10353	2.43186	1.16899	1.16899	1.23875
10354	2.41844	0.85914	0.85914	0.89753
10355	2.40301	0.80382	0.80382	0.8142
10356	2.34502	0	0	0
10357	2.4356	0.80334	0.80334	0.8209
10358	2.39888	0	0	0
10359	2.41346	0	0	0
10360	2.41984	0	0	0
10361	2.41913	0.13936	0.13936	0.1598
10362	2.42235	0	0	0
10363	2.42552	0.85264	0.85264	0.78604
10364	2.39276	0.90638	0.90638	0.93833
10365	2.40301	0	0	0
10366	2.37652	0	0	0
10367	2.37782	0.66285	0.66285	0.82332
10368	2.41415	0.93135	0.93135	0.97681
10369	2.4344	1.21842	1.21842	1.20079
10370	2.42917	1.15499	1.15499	1.21043
10371	2.43187	1.15303	1.15303	1.21017
10372	2.43217	1.15086	1.15086	1.2081

10373	2.42604	0.94857	0.94857	0.97615
10374	2.42002	1.13892	1.13892	1.18374
10375	2.4266	1.13606	1.13606	1.19034
10376	2.42775	1.13318	1.13318	1.20336
10377	2.41968	1.13	1.13	1.20605
10378	2.3664	0.81694	0.81694	0.80703
10379	2.34806	0	0	0
10380	2.38887	0	0	0
10381	2.38386	0	0	0
10382	2.41261	0.9292	0.9292	0.96912
10383	2.4252	1.22062	1.22062	1.19743
10384	2.40163	0.90527	0.90527	0.93386
10385	2.3836	0.87083	0.87083	0.88736
10386	2.38019	0.81511	0.81511	0.81253
10387	2.36644	0	0	0
10388	2.41866	1.22566	1.22566	1.1853
10389	2.42063	1.22727	1.22727	1.18972
10390	2.44672	1.23227	1.23227	1.18632
10391	2.44577	1.23151	1.23151	1.21093
10392	2.43591	1.23054	1.23054	1.20639
10393	2.46651	1.23655	1.23655	1.20847
10394	2.38574	0.97011	0.97011	0.87666
10395	2.4085	0	0	0
10396	2.38646	0.65129	0.65129	0.97096
10397	2.39121	0.95579	0.95579	0.99643
10398	2.39887	0	0	0
10399	2.34575	0.90913	0.90913	0.92463
10400	2.32296	0.87384	0.87384	0.87418
10401	2.31036	0.81724	0.81724	0.79328
10402	2.30147	0	0	0
10403	2.46748	0.81433	0.81433	0.82094
10404	2.44693	0.94106	0.94106	1.00634
10405	2.43093	0.96782	0.96782	1.03632
10406	2.42531	0.99611	0.99611	1.07774
10407	2.4212	1.00398	1.00398	1.08085
10408	2.415	1.03336	1.03336	1.12082
10409	2.41047	1.04674	1.04674	1.13132
10410	2.40427	1.1114	1.1114	1.18087
10411	2.36512	0.89737	0.89737	0.92857
10412	2.34792	0.86362	0.86362	0.88024
10413	2.33739	0.80814	0.80814	0.79751

10414	2.31232	0	0	0
10415	2.38775	0	0	0
10416	2.40187	0	0	0
10417	2.40997	0.86512	0.86512	0.88754
10418	2.39989	0.80942	0.80942	0.79791
10419	2.40773	0	0	0
10420	2.36546	0	0	0
10421	2.39173	0.81235	0.81235	0.80287
10422	2.35758	0.81078	0.81078	0.78503
10423	2.36676	0	0	0
10424	2.36763	0	0	0
10425	2.40726	1.10957	1.10957	1.19281
10426	2.40005	1.11056	1.11056	1.18469
10427	2.40705	1.10991	1.10991	1.19135
10428	2.41169	1.10894	1.10894	1.19614
10429	2.37261	0	0	0
10430	2.27085	0	0	0
10431	2.40126	0	0	0
10432	2.50361	0.99921	0.99921	1.06935
10433	2.4467	0.9853	0.9853	1.03578
10434	2.43817	0.97125	0.97125	1.02558
10435	2.45105	0.93264	0.93264	0.98101
10436	2.46995	0.90908	0.90908	0.97129
10437	2.43686	0.87467	0.87467	0.91289
10438	2.41979	0.81874	0.81874	0.81572
10439	2.40484	0	0	0
10440	2.43993	0	0	0
10441	2.40038	0	0	0
10442	2.3931	0.81703	0.81703	0.8038
10443	2.40098	0.87888	0.87888	0.88548
10444	2.44845	0.91481	0.91481	0.95073
10445	2.44235	0.93824	0.93824	0.97594
10446	2.49382	0.95824	0.95824	1.02011
10447	2.54563	0.98508	0.98508	1.09493
10448	2.48172	0	0	0
10449	2.48739	1.29888	1.29888	1.19273
10450	2.48375	1.29021	1.29021	1.20728
10451	2.57278	1.28881	1.28881	1.27504
10452	2.651	1.28745	1.28745	1.31202
10453	2.6439	1.28562	1.28562	1.30683
10454	2.64688	1.28486	1.28486	1.31162

10455	2.63468	1.2811	1.2811	1.29746
10456	2.55606	1.0654	1.0654	1.19702
10457	2.51847	1.06018	1.06018	1.18544
10458	2.49451	1.04667	1.04667	1.17315
10459	2.44858	0.82063	0.82063	0.82045
10460	2.45001	1.01338	1.01338	1.11811
10461	2.4467	1.0373	1.0373	1.15652
10462	2.4063	0.2282	0.2282	0.37124
10463	2.44697	0	0	0
10464	2.40895	0.87311	0.87311	0.90393
10465	2.38611	0.81648	0.81648	0.81031
10466	2.3479	0	0	0
10467	2.44225	0.97302	0.97302	1.05322
10468	2.43364	0.98791	0.98791	1.06853
10469	2.44908	0.96018	0.96018	1.05465
10470	2.4416	0.94516	0.94516	1.03528
10471	2.43262	0.8727	0.8727	0.90877
10472	2.42986	0.92671	0.92671	1.00341
10473	2.41918	0	0	0
10474	2.42072	0.81688	0.81688	0.81577
10475	2.39422	0	0	0
10476	2.5446	0	0	0
10477	2.60948	1.28037	1.28037	1.28028
10478	2.53322	1.27146	1.27146	1.23318
10479	2.43942	1.21987	1.21987	1.18919
10480	2.45054	1.2177	1.2177	1.20799
10481	2.51919	0.88691	0.88691	0.98246
10482	2.51243	1.21571	1.21571	1.21647
10483	2.48096	1.21648	1.21648	1.21011
10484	2.47475	1.21709	1.21709	1.22652
10485	2.52199	1.21354	1.21354	1.20053
10486	2.53047	1.21445	1.21445	1.2064
10487	2.55671	1.21366	1.21366	1.17995
10488	2.5706	1.21431	1.21431	1.18722
10489	2.58156	1.21371	1.21371	1.19631
10490	2.58378	1.21577	1.21577	1.20516
10491	2.60252	1.21533	1.21533	1.18989
10492	2.61075	1.2147	1.2147	1.16422
10493	2.60587	1.21434	1.21434	1.16197
10494	2.61846	1.21348	1.21348	1.10428
10495	2.6177	1.21454	1.21454	1.15903

10496	2.62175	1.21475	1.21475	1.12102
10497	2.54757	0.84292	0.84292	0.8173
10498	2.67733	1.21383	1.21383	1.13478
10499	2.52149	0.8804	0.8804	0.92941
10500	2.48816	0.823	0.823	0.82807
10501	2.48002	0	0	0
10502	2.48245	0.88058	0.88058	0.91248
10503	2.46798	0.82388	0.82388	0.81804
10504	2.4739	0	0	0
10505	2.37724	0	0	0
10506	2.3943	0.81727	0.81727	0.80279
10507	2.41559	0.87358	0.87358	0.90104
10508	2.43916	0.90762	0.90762	0.95627
10509	2.45027	0.93232	0.93232	0.98924
10510	2.47376	0.95285	0.95285	1.01476
10511	2.4839	0	0	0
10512	2.47311	0.88098	0.88098	0.92121
10513	2.46543	0.84269	0.84269	0.72066
10514	2.44044	0	0	0
10515	2.42504	0.88011	0.88011	0.90362
10516	2.41557	0.91217	0.91217	0.93258
10517	2.43148	0	0	0
10518	2.41323	0.8775	0.8775	0.89432
10519	2.40493	0.82067	0.82067	0.8133
10520	2.39098	0	0	0
10521	2.39433	0	0	0
10522	2.44451	0	0	0
10523	2.46099	0.95143	0.95143	1.04738
10524	2.45967	0.96601	0.96601	1.0646
10525	2.43664	0.93794	0.93794	1.02407
10526	2.40577	0.92163	0.92163	0.99886
10527	2.36851	0.8797	0.8797	0.9318
10528	2.36879	0	0	0
10529	2.34548	0	0	0
10530	2.34432	0.8468	0.8468	0.87825
10531	2.32515	0	0	0
10532	2.72094	1.21378	1.21378	1.15151
10533	2.72825	1.21267	1.21267	1.14927
10534	2.75577	1.21251	1.21251	1.15032
10535	2.50735	0.86494	0.86494	0.86619
10536	2.48555	0.84112	0.84112	0.86537

10537	2.48569	0.8072	0.8072	0.89017
10538	2.47548	0.7529	0.7529	0.9204
10539	2.46978	0.73884	0.73884	0.94922
10540	2.49024	0.79261	0.79261	0.98747
10541	2.48174	0.92887	0.92887	1.07958
10542	2.49952	0.94685	0.94685	1.09571
10543	2.49331	1.03234	1.03234	1.18418
10544	2.50089	1.03833	1.03833	1.18002
10545	2.52632	1.04479	1.04479	1.18401
10546	2.50393	1.08312	1.08312	1.20548
10547	2.54097	1.08738	1.08738	1.19577
10548	2.56716	0.85189	0.85189	0.91716
10549	2.53992	0.82574	0.82574	0.82982
10550	2.52627	0	0	0
10551	2.36026	0	0	0
10552	2.39575	0.81205	0.81205	0.80509
10553	2.43643	0.86943	0.86943	0.90496
10554	2.44549	0.90097	0.90097	0.95138
10555	2.44377	0.97912	0.97912	1.07808
10556	2.40077	0.86633	0.86633	0.89279
10557	2.38121	0.80989	0.80989	0.79665
10558	2.3736	0	0	0
10559	2.39344	0.89806	0.89806	0.94391
10560	2.39549	0	0	0
10561	2.34802	0.80815	0.80815	0.78759
10562	2.31685	0	0	0
10563	2.45032	0.95002	0.95002	1.03274
10564	2.44608	0.9848	0.9848	1.08101
10565	2.36922	0	0	0
10566	2.36715	0	0	0
10567	2.40795	0	0	0
10568	2.40434	0.81329	0.81329	0.81163
10569	2.38523	0.21833	0.21833	0.35099
10570	2.40876	0.92269	0.92269	0.97799
10571	2.41305	0.86833	0.86833	0.89273
10572	2.41603	0	0	0
10573	2.59955	1.08422	1.08422	1.27365
10574	2.58621	1.06592	1.06592	1.27782
10575	2.55971	1.05983	1.05983	1.26597
10576	2.56104	1.05476	1.05476	1.26574
10577	2.59075	1.15278	1.15278	1.2839

10578	2.58838	1.14601	1.14601	1.27729
10579	2.3805	0	0	0
10580	2.378	0.955	0.955	0.9861
10581	2.38435	0.82644	0.82644	0.79974
10582	2.33825	0	0	0
10583	2.35849	0.82439	0.82439	0.80514
10584	2.38254	0.88227	0.88227	0.88776
10585	2.41761	0.91887	0.91887	0.94247
10586	2.41589	1.01543	1.01543	1.08051
10587	2.34264	0.87767	0.87767	0.87112
10588	2.32352	0.81989	0.81989	0.78157
10589	2.31314	0	0	0
10590	2.49225	1.31248	1.31248	1.16734
10591	2.47488	1.31237	1.31237	1.15897
10592	2.45956	1.31326	1.31326	1.16523
10593	2.44804	1.31399	1.31399	1.15943
10594	2.4738	1.3179	1.3179	1.16681
10595	2.50753	1.34879	1.34879	1.03999
10596	2.53928	1.34974	1.34974	1.0454
10597	2.56508	1.3497	1.3497	1.06116
10598	2.47238	1.35001	1.35001	1.03881
10599	2.42826	1.35124	1.35124	1.02367
10600	2.46473	1.35388	1.35388	1.1544
10601	2.63534	1.35453	1.35453	1.2264
10602	2.5847	1.37336	1.37336	1.30079
10603	2.61678	1.37661	1.37661	0.99545
10604	2.67283	1.37624	1.37624	1.04968
10605	2.76971	1.37645	1.37645	1.21127
10606	2.75588	1.37781	1.37781	1.21282
10607	2.75583	1.37774	1.37774	1.1322
10608	2.73176	1.37784	1.37784	1.11522
10609	2.60388	1.37841	1.37841	1.09767
10610	2.61699	1.37948	1.37948	0.99505
10611	2.67466	1.37986	1.37986	0.95449
10612	2.68956	1.38145	1.38145	0.94883
10613	2.37058	0	0	0
10614	2.40599	0.82519	0.82519	0.81326
10615	2.42211	0.8819	0.8819	0.89313
10616	2.44711	0.91656	0.91656	0.94714
10617	2.61992	0.81696	0.81696	1.19016
10618	2.53615	0.74174	0.74174	1.1609

10619	2.50819	0.73575	0.73575	1.15336
10620	2.51088	0.95524	0.95524	1.13733
10621	2.50463	1.06433	1.06433	1.09326
10622	2.50377	0.97288	0.97288	1.13628
10623	2.44925	1.01397	1.01397	1.07153
10624	2.42849	1.00331	1.00331	1.05701
10625	2.42943	0.97086	0.97086	1.00657
10626	2.39707	0.95301	0.95301	0.9824
10627	2.31637	0	0	0
10628	2.36325	0.87644	0.87644	0.86919
10629	2.3533	0.82058	0.82058	0.79181
10630	2.35031	0.82024	0.82024	0.78638
10631	2.31294	0	0	0
10632	2.40346	0.82567	0.82567	0.80782
10633	2.38555	0	0	0
10634	2.39983	0.11061	0.11061	0.15907
10635	2.40211	0	0	0
10636	2.43127	0.82978	0.82978	0.81871
10637	2.43098	0	0	0
10638	2.45088	0.95136	0.95136	0.99501
10639	2.452	0.86158	0.86158	0.86738
10640	2.51464	1.09447	1.09447	1.08082
10641	2.50857	1.07041	1.07041	1.09014
10642	2.54028	1.10163	1.10163	1.09876
10643	2.52767	0.99952	0.99952	1.03092
10644	2.50482	0.98539	0.98539	1.01238
10645	2.47419	0.9688	0.9688	0.99342
10646	2.46237	0.88729	0.88729	0.90471
10647	2.46458	0.9501	0.9501	0.98213
10648	2.45431	0.8309	0.8309	0.82183
10649	2.39839	0	0	0
10650	2.47188	0.82214	0.82214	0.96187
10651	2.46769	0.77693	0.77693	0.96725
10652	2.48849	0	0	0
10653	2.49171	0.82441	0.82441	0.83394
10654	2.48134	0.88452	0.88452	1.01019
10655	2.51074	0.90831	0.90831	1.02607
10656	2.52576	0.93325	0.93325	1.04178
10657	2.52137	0.97959	0.97959	1.07417
10658	2.44784	0.8226	0.8226	0.81666
10659	2.40589	0	0	0

10660	2.50522	0	0	0
10661	2.57521	1.03978	1.03978	1.19017
10662	2.58599	1.04357	1.04357	1.1914
10663	2.60591	1.04843	1.04843	1.19504
10664	2.6073	1.05115	1.05115	1.18959
10665	2.56918	0.91322	0.91322	0.93242
10666	2.61805	1.07106	1.07106	1.20482
10667	2.64539	1.08036	1.08036	1.19707
10668	2.53058	0.74114	0.74114	0.77891
10669	2.56149	0.88507	0.88507	0.90793
10670	2.53391	0.8598	0.8598	0.86429
10671	2.47547	0.82752	0.82752	0.80094
10672	2.47325	0.79367	0.79367	0.7978
10673	2.47243	0.76139	0.76139	0.8181
10674	2.47846	0.74135	0.74135	0.84275
10675	2.50251	0.78451	0.78451	0.87428
10676	2.44653	0	0	0
10677	2.48693	0.82589	0.82589	0.81967
10678	2.51864	0.8841	0.8841	0.90705
10679	2.43379	0	0	0
10680	2.42722	0.48402	0.48402	0.74966
10681	2.47878	0.84334	0.84334	0.97278
10682	2.47513	0.82498	0.82498	1.01739
10683	2.47585	0.79389	0.79389	1.02369
10684	2.48491	0.78864	0.78864	1.03348
10685	2.50514	0.82325	0.82325	1.02958
10686	2.55224	0.94172	0.94172	1.1876
10687	2.52216	0.84897	0.84897	0.86245
10688	2.5573	0.95464	0.95464	1.19271
10689	2.56574	0.99165	0.99165	1.22025
10690	2.56987	0.9667	0.9667	1.19786
10691	2.58357	1.03869	1.03869	1.23358
10692	2.57733	1.01336	1.01336	1.22407
10693	2.57346	0.99992	0.99992	1.22442
10694	2.6115	1.07855	1.07855	1.23356
10695	2.59369	1.08436	1.08436	1.24652
10696	2.59436	1.04531	1.04531	1.23212
10697	2.61332	1.08146	1.08146	1.19891
10698	2.61639	1.07994	1.07994	1.20573
10699	2.61659	1.07883	1.07883	1.21695
10700	2.61462	1.07859	1.07859	1.20208

10701	2.61904	1.08113	1.08113	1.20273
10702	2.63236	1.08408	1.08408	1.21096
10703	2.64161	1.08876	1.08876	1.21615
10704	2.53116	0.88537	0.88537	0.91253
10705	2.484	0.8266	0.8266	0.8276
10706	2.42928	0	0	0
10707	2.54012	0.65137	0.65137	0.97147
10708	2.53914	0.77062	0.77062	0.97039
10709	2.54773	0.83844	0.83844	0.97135
10710	2.54703	0.93595	0.93595	1.00555
10711	2.57704	0.99733	0.99733	1.06214
10712	2.57523	0.9577	0.9577	1.02764
10713	2.48098	0.82598	0.82598	0.82386
10714	2.47645	0	0	0
10715	2.51618	0.83161	0.83161	0.83016
10716	2.4873	0	0	0
10717	2.62968	0.97358	0.97358	1.13601
10718	2.6322	0.97363	0.97363	1.16505
10719	2.65052	0.9771	0.9771	1.16898
10720	2.63725	1.02936	1.02936	1.17715
10721	2.64634	1.03523	1.03523	1.18104
10722	2.66038	1.04105	1.04105	1.17874
10723	2.69685	1.04733	1.04733	1.17506
10724	2.76034	1.12108	1.12108	1.22538
10725	2.76359	1.13927	1.13927	1.25176
10726	2.76617	1.16627	1.16627	1.28544
10727	2.76731	1.09046	1.09046	1.22224
10728	2.78098	1.15224	1.15224	1.26936
10729	2.74847	1.11735	1.11735	1.22881
10730	2.69842	0.99068	0.99068	1.05754
10731	2.71121	1.11437	1.11437	1.22563
10732	2.68682	0.90127	0.90127	0.94053
10733	2.68865	0.9759	0.9759	1.04795
10734	2.67907	0.84328	0.84328	0.85898
10735	2.55031	0	0	0
10736	2.66866	0.84318	0.84318	0.8438
10737	2.63586	0	0	0
10738	2.6834	0.98256	0.98256	1.07041
10739	2.67788	0.94179	0.94179	1.02842
10740	2.63439	0.84141	0.84141	0.85889
10741	2.64897	0.95777	0.95777	1.04635

10742	2.63986	0.84141	0.84141	0.84471
10743	2.59006	0.83747	0.83747	0.84107
10744	2.57002	0.8348	0.8348	0.85052
10745	2.53749	0	0	0
10746	2.73944	1.12734	1.12734	1.22755
10747	2.74328	1.13508	1.13508	1.22832
10748	2.75391	1.08963	1.08963	1.1221
10749	2.71416	1.12239	1.12239	1.22258
10750	2.74502	1.11446	1.11446	1.23316
10751	2.72533	1.07656	1.07656	1.1822
10752	2.61062	0.83659	0.83659	0.84238
10753	2.58432	0	0	0
10754	2.71135	1.04101	1.04101	1.18578
10755	2.68471	1.06929	1.06929	1.18945
10756	2.62527	0.56653	0.56653	0.90278
10757	2.64471	1.02044	1.02044	1.15478
10758	2.70875	1.03337	1.03337	1.19133
10759	2.5634	0	0	0
10760	2.63379	0.92699	0.92699	0.98867
10761	2.59466	0.89183	0.89183	0.94155
10762	2.48417	0.83157	0.83157	0.81926
10763	2.43401	0	0	0
10764	2.68207	1.01469	1.01469	1.07126
10765	2.67083	0.99883	0.99883	1.08108
10766	2.65525	0.92958	0.92958	0.96317
10767	2.59721	0.89434	0.89434	0.92599
10768	2.54588	0.83501	0.83501	0.83601
10769	2.50027	0	0	0
10770	2.59228	0.89395	0.89395	0.89166
10771	2.5916	0.836	0.836	0.81741
10772	2.54405	0	0	0
10773	2.56372	0.82976	0.82976	0.84027
10774	2.55739	0.8866	0.8866	0.91516
10775	2.53968	0	0	0
10776	2.56552	0.82988	0.82988	0.84762
10777	2.62611	0.88875	0.88875	0.93948
10778	2.64878	0	0	0
10779	2.6682	0.83497	0.83497	0.86222
10780	2.65821	0.9657	0.9657	1.0505
10781	2.64827	1.01308	1.01308	1.1156
10782	2.67	1.02289	1.02289	1.1314

10783	2.71552	0	0	0
10784	2.79081	1.0461	1.0461	1.19475
10785	2.79304	1.03447	1.03447	1.1901
10786	2.79297	1.01493	1.01493	1.18445
10787	2.78705	1.03133	1.03133	1.17135
10788	2.7906	1.04911	1.04911	1.19208
10789	2.80309	1.08522	1.08522	1.22578
10790	2.7951	1.05041	1.05041	1.19952
10791	2.45209	0	0	0
10792	2.51619	0.82875	0.82875	0.83781
10793	2.51363	0.91691	0.91691	0.96648
10794	2.55757	0.94277	0.94277	1.00831
10795	2.64672	0.96594	0.96594	1.05236
10796	2.6558	0	0	0
10797	2.46419	0	0	0
10798	2.77675	1.03118	1.03118	1.1649
10799	2.78874	1.04207	1.04207	1.16922
10800	2.76261	1.03594	1.03594	1.16012
10801	2.77768	1.04533	1.04533	1.16474
10802	2.88124	1.0486	1.0486	1.08412
10803	2.80366	1.05062	1.05062	1.16576
10804	2.63002	0	0	0
10805	2.77366	0.78721	0.78721	0.79002
10806	2.83371	0.83111	0.83111	0.86449
10807	2.85674	0.86933	0.86933	0.92467
10808	2.81633	1.06824	1.06824	1.13956
10809	2.85636	1.07474	1.07474	1.15012
10810	2.82584	0.81092	0.81092	0.88322
10811	2.83004	0.84476	0.84476	0.88259
10812	2.78256	0	0	0
10813	2.84459	0.80546	0.80546	0.80176
10814	2.85424	0.87052	0.87052	0.89425
10815	2.86131	0.82012	0.82012	0.84295
10816	2.89004	0.83356	0.83356	0.88372
10817	2.81738	0	0	0
10818	2.97321	1.24017	1.24017	1.11131
10819	2.98057	1.24052	1.24052	1.12569
10820	3.03321	1.34324	1.34324	1.30837
10821	3.02884	1.34337	1.34337	1.30383
10822	2.86884	1.22001	1.22001	1.10456
10823	2.94743	0.93912	0.93912	0.98942

10824	3.01353	0.96004	0.96004	1.02396
10825	3.02791	0.95365	0.95365	1.01631
10826	2.83689	0.69438	0.69438	0.73371
10827	2.86563	0.6082	0.6082	0.73561
10828	2.84918	1.16786	1.16786	1.08589
10829	2.84352	1.16689	1.16689	1.07852
10830	2.89326	1.20946	1.20946	1.15523
10831	2.78418	1.20267	1.20267	1.14738
10832	2.74985	1.19936	1.19936	1.13485
10833	2.70346	1.19393	1.19393	1.1407
10834	2.74208	1.09809	1.09809	1.11186
10835	2.75343	1.0954	1.0954	1.16587
10836	2.69424	1.09102	1.09102	1.17855
10837	2.73559	0.98185	0.98185	1.06215
10838	2.73134	0.95858	0.95858	1.04137
10839	2.53802	0.15581	0.15581	0.28645
10840	2.76911	0.93968	0.93968	1.07752
10841	2.60746	0.91023	0.91023	0.99749
10842	2.55447	0.87546	0.87546	0.92776
10843	2.49874	0.81819	0.81819	0.78082
10844	2.48716	0	0	0
10845	2.55843	0	0	0
10846	2.59218	0.82271	0.82271	0.84329
10847	2.72608	0.91379	0.91379	1.0275
10848	2.71191	0.96944	0.96944	1.13477
10849	2.66332	1.00174	1.00174	1.14763
10850	2.6037	1.04834	1.04834	1.15461
10851	2.62954	0.23239	0.23239	0.43551
10852	2.53357	0.94954	0.94954	1.00882
10853	2.55862	0.81883	0.81883	0.83604
10854	2.54016	0.93069	0.93069	1.02852
10855	2.53913	0	0	0
10856	2.52757	0.81788	0.81788	0.82968
10857	2.50279	0	0	0
10858	2.56603	0.82022	0.82022	0.81393
10859	2.51223	0	0	0
10860	2.68169	0.87833	0.87833	0.96034
10861	2.60719	0.82059	0.82059	0.84338
10862	2.49886	0	0	0
10863	2.65637	1.15941	1.15941	1.12817
10864	2.66082	1.15385	1.15385	1.09612

10865	2.57891	0.88208	0.88208	0.85029
10866	2.59383	0.82724	0.82724	0.79522
10867	2.53274	0	0	0
10868	2.54287	0.49345	0.49345	0.67167
10869	2.60892	1.14806	1.14806	1.08607
10870	2.58074	1.14493	1.14493	1.07938
10871	2.58352	1.13899	1.13899	1.02757
10872	2.58197	1.13711	1.13711	1.04141
10873	2.53896	1.13426	1.13426	1.03259
10874	2.52855	1.12636	1.12636	1.04865
10875	2.53879	1.12082	1.12082	1.07628
10876	2.55245	1.11675	1.11675	1.09903
10877	2.53964	1.11542	1.11542	1.10847
10878	2.47552	0.8763	0.8763	0.90336
10879	2.43344	0.81855	0.81855	0.79958
10880	2.39738	0	0	0
10881	2.57627	1.11043	1.11043	1.13465
10882	2.56714	1.10537	1.10537	1.1661
10883	2.58106	1.10202	1.10202	1.1743
10884	2.56884	1.09113	1.09113	1.20836
10885	2.60324	1.0826	1.0826	1.22772
10886	2.63226	1.0012	1.0012	1.2632
10887	2.65207	0.98675	0.98675	1.26872
10888	2.48659	0.80737	0.80737	0.82337
10889	2.42599	0	0	0
10890	2.55109	0.91093	0.91093	1.15254
10891	2.55337	0.88748	0.88748	1.15239
10892	2.61585	0.85978	0.85978	1.19671
10893	2.60647	0.79682	0.79682	1.19274
10894	2.50019	0	0	0
10895	2.60622	0.79615	0.79615	1.18916
10896	2.61749	0.8211	0.8211	1.19235
10897	2.59953	0.80294	0.80294	1.14689
10898	2.56564	0.76671	0.76671	1.13566
10899	2.56261	0.77924	0.77924	1.13323
10900	2.51979	1.00061	1.00061	1.13101
10901	2.56681	0.9583	0.9583	1.18926
10902	2.56229	0.81549	0.81549	1.12949
10903	2.52066	1.00834	1.00834	1.13585
10904	2.52483	1.01446	1.01446	1.1379
10905	2.5552	0.91461	0.91461	1.01521

10906	2.48826	0.86071	0.86071	0.92591
10907	2.48485	0.80564	0.80564	0.83077
10908	2.45853	0	0	0
10909	2.54863	0.89022	0.89022	0.98466
10910	2.54933	0.8577	0.8577	0.93505
10911	2.50856	0.80174	0.80174	0.8307
10912	2.48965	0	0	0
10913	2.52069	0	0	0
10914	2.62496	0.97638	0.97638	1.26158
10915	2.62196	0.894	0.894	1.20098
10916	2.51501	0.62954	0.62954	0.79895
10917	2.58438	0.86109	0.86109	1.20044
10918	2.55521	0.83115	0.83115	1.18771
10919	2.50531	0.83304	0.83304	1.16478
10920	2.50874	0.87676	0.87676	1.14059
10921	2.49391	0.90157	0.90157	1.12318
10922	2.48568	0.92245	0.92245	1.10544
10923	2.48809	0.93969	0.93969	1.0945
10924	2.49221	0.95455	0.95455	1.08789
10925	2.49151	0.96504	0.96504	1.04907
10926	2.43533	0.80544	0.80544	0.80692
10927	2.41655	0	0	0
10928	2.48295	0	0	0
10929	2.4351	0.50155	0.50155	0.73082
10930	2.48559	0.85186	0.85186	0.74621
10931	2.50028	1.00262	1.00262	1.06379
10932	2.5799	1.00785	1.00785	1.04362
10933	2.63542	1.01282	1.01282	1.04103
10934	2.67667	1.02056	1.02056	1.06651
10935	2.48688	0.92769	0.92769	1.04334
10936	2.40981	0.91457	0.91457	0.98274
10937	2.431	0.89991	0.89991	1.01457
10938	2.4178	0.88504	0.88504	0.98947
10939	2.44792	0.90775	0.90775	0.98554
10940	2.41684	0.88406	0.88406	0.94687
10941	2.40138	0.85199	0.85199	0.89182
10942	2.36893	0.79608	0.79608	0.78688
10943	2.34809	0	0	0
10944	2.57672	0.91365	0.91365	1.01987
10945	2.58453	0.89284	0.89284	1.01159
10946	2.56759	0.85983	0.85983	0.95227

10947	2.57287	0	0	0
10948	2.49673	0	0	0
10949	2.97618	1.31226	1.31226	1.25752
10950	2.96244	1.29564	1.29564	1.2139
10951	2.93112	1.29987	1.29987	1.23384
10952	2.9437	1.30062	1.30062	1.25572
10953	2.85247	1.29466	1.29466	1.24326
10954	2.82363	1.29225	1.29225	1.24461
10955	2.78992	1.28471	1.28471	1.22316
10956	2.78574	1.28704	1.28704	1.2448
10957	2.7783	1.28373	1.28373	1.22612
10958	2.76672	1.26749	1.26749	1.25508
10959	2.778	1.26964	1.26964	1.25475
10960	2.78215	1.27034	1.27034	1.2413
10961	2.78057	1.28155	1.28155	1.23389
10962	2.66031	0.97454	0.97454	1.02272
10963	2.5809	0.95555	0.95555	0.9852
10964	2.55805	0.91638	0.91638	0.97085
10965	2.56508	0.937	0.937	0.96377
10966	2.53731	0.88287	0.88287	0.91809
10967	2.51233	0.82582	0.82582	0.832
10968	2.48482	0	0	0
10969	2.57294	0.68587	0.68587	0.94221
10970	2.5971	0.79293	0.79293	0.96491
10971	2.63909	0.83924	0.83924	0.98906
10972	2.66119	1.1147	1.1147	1.2051
10973	2.6687	1.09154	1.09154	1.21274
10974	2.64152	0.83046	0.83046	0.84679
10975	2.58099	0	0	0
10976	2.5425	1.07615	1.07615	1.18422
10977	2.54596	1.06078	1.06078	1.1549
10978	2.54803	0.91324	0.91324	0.95493
10979	2.52671	0.87949	0.87949	0.90131
10980	2.5144	0.82267	0.82267	0.82253
10981	2.48266	0	0	0
10982	2.48839	0.82104	0.82104	0.80774
10983	2.47709	1.03106	1.03106	1.09891
10984	2.44854	0	0	0
10985	2.44945	1.00921	1.00921	1.0759
10986	2.45611	0.98364	0.98364	1.03846
10987	2.44608	0.97065	0.97065	1.04805

10988	2.43692	0.95726	0.95726	1.0362
10989	2.36024	0	0	0
10990	2.41798	0.92336	0.92336	0.97811
10991	2.4041	0.81585	0.81585	0.7959
10992	2.38211	0	0	0
10993	2.46988	0.87701	0.87701	0.89956
10994	2.4022	0.81704	0.81704	0.79361
10995	2.35278	0	0	0
10996	2.38402	0.89823	0.89823	0.94131
10997	2.35925	0.86456	0.86456	0.88201
10998	2.33986	0.80748	0.80748	0.78047
10999	2.30995	0	0	0
11000	2.63842	0.90224	0.90224	0.95845
11001	2.63669	0.96637	0.96637	1.05459
11002	2.5998	0.82798	0.82798	0.83613
11003	2.49651	0.12828	0.12828	0.19485
11004	2.57584	0	0	0
11005	2.53755	0	0	0
11006	2.53499	0.82546	0.82546	0.8326
11007	2.7665	1.26594	1.26594	1.25815
11008	2.76464	1.26454	1.26454	1.26359
11009	2.7702	1.26367	1.26367	1.26929
11010	2.72987	1.26161	1.26161	1.25562
11011	2.7384	1.26209	1.26209	1.25579
11012	2.74694	1.26247	1.26247	1.25606
11013	2.74106	1.26259	1.26259	1.25235
11014	2.6276	0.82649	0.82649	0.84732
11015	2.60591	0	0	0
11016	2.60829	0	0	0
11017	2.59407	0.98346	0.98346	1.05167
11018	2.53928	0.968	0.968	1.03064
11019	2.49091	0.95074	0.95074	1.0121
11020	2.46095	0.93208	0.93208	0.97132
11021	2.44754	0.90794	0.90794	0.93648
11022	2.42241	0.87389	0.87389	0.8785
11023	2.35516	0.81351	0.81351	0.78148
11024	2.34486	0	0	0
11025	2.5993	0.88292	0.88292	0.92769
11026	2.57741	0.8259	0.8259	0.84094
11027	2.55414	0	0	0
11028	2.70008	1.24939	1.24939	1.30233

11029	2.69747	1.25583	1.25583	1.28758
11030	2.70987	1.26048	1.26048	1.24872
11031	2.72914	1.24161	1.24161	1.32834
11032	2.7362	1.24232	1.24232	1.33135
11033	2.74719	1.24875	1.24875	1.31442
11034	2.72417	1.24881	1.24881	1.30612
11035	2.68633	1.24789	1.24789	1.25891
11036	2.73021	1.24137	1.24137	1.32597
11037	2.67753	1.24668	1.24668	1.26298
11038	2.66359	1.24381	1.24381	1.27125
11039	2.66424	1.24514	1.24514	1.26462
11040	2.66001	1.24236	1.24236	1.27476
11041	2.61435	0.98957	0.98957	1.2602
11042	2.65497	1.23978	1.23978	1.27435
11043	2.61265	0.98728	0.98728	1.07885
11044	2.59976	0.98209	0.98209	1.24411
11045	2.58831	0.97529	0.97529	1.06521
11046	2.56826	0.96157	0.96157	1.05515
11047	2.54935	0.94607	0.94607	1.03327
11048	2.58977	1.11945	1.11945	1.19524
11049	2.53521	1.11298	1.11298	1.18318
11050	2.51578	1.10673	1.10673	1.1832
11051	2.49697	1.10225	1.10225	1.18778
11052	2.49849	1.09677	1.09677	1.17959
11053	2.42658	0.64496	0.64496	0.98212
11054	2.4793	1.0915	1.0915	1.19492
11055	2.48274	1.08653	1.08653	1.19393
11056	2.46221	1.08203	1.08203	1.19006
11057	2.45845	1.07847	1.07847	1.20137
11058	2.42916	1.07303	1.07303	1.19863
11059	2.4289	1.02384	1.02384	1.12135
11060	2.40549	1.01606	1.01606	1.11354
11061	2.37788	1.00787	1.00787	1.10313
11062	2.37853	0.97869	0.97869	1.05923
11063	2.35585	0.96744	0.96744	1.04
11064	2.35125	0.85831	0.85831	0.87692
11065	2.34964	0.95616	0.95616	1.0286
11066	2.33827	0.8027	0.8027	0.78909
11067	2.31915	0	0	0
11068	2.31753	0.88672	0.88672	0.91433
11069	2.28925	0.85221	0.85221	0.85816

11070	2.27378	0.79644	0.79644	0.76593
11071	2.25455	0	0	0
11072	2.35292	0.85912	0.85912	0.88321
11073	2.33217	0.80322	0.80322	0.79084
11074	2.31948	0	0	0
11075	2.38584	0.99606	0.99606	1.08351
11076	2.3888	0.97087	0.97087	1.04767
11077	2.36438	0.95825	0.95825	1.02606
11078	2.33417	0.94315	0.94315	0.99788
11079	2.30677	0.92585	0.92585	0.96812
11080	2.29429	0.9071	0.9071	0.93709
11081	2.27143	0.88194	0.88194	0.89559
11082	2.25321	0.84811	0.84811	0.84118
11083	2.24698	0.79379	0.79379	0.75832
11084	2.24019	0	0	0
11085	2.3479	0.8048	0.8048	0.7944
11086	2.33828	0	0	0
11087	2.41436	0	0	0
11088	2.46995	0.78075	0.78075	1.01844
11089	2.46641	0.8152	0.8152	0.84879
11090	2.44482	0.67559	0.67559	1.00986
11091	2.42775	0.67146	0.67146	1.00338
11092	2.44911	0.77573	0.77573	1.01434
11093	2.47755	0.82113	0.82113	1.02566
11094	2.62364	1.1344	1.1344	1.228
11095	2.57578	1.12995	1.12995	1.21605
11096	2.53333	1.12467	1.12467	1.20639
11097	2.54749	1.11994	1.11994	1.22385
11098	2.56154	1.11587	1.11587	1.24837
11099	2.56765	1.10788	1.10788	1.24609
11100	2.48016	0.81626	0.81626	0.8243
11101	2.42845	0	0	0
11102	2.48848	0.87055	0.87055	0.90606
11103	2.46679	0.81413	0.81413	0.82019
11104	2.42203	0	0	0
11105	2.48516	1.05202	1.05202	1.16768
11106	2.50279	1.05761	1.05761	1.1691
11107	2.51638	1.06228	1.06228	1.17141
11108	2.48798	1.02008	1.02008	1.11097
11109	2.49142	0.9419	0.9419	1.00196
11110	2.47145	0.92233	0.92233	0.97998

11111	2.44305	0.89727	0.89727	0.94875
11112	2.44762	0.81044	0.81044	0.81944
11113	2.42069	0	0	0
11114	2.41755	0	0	0
11115	2.46674	0.95984	0.95984	1.01464
11116	2.41374	0.94213	0.94213	0.98149
11117	2.38083	0.92301	0.92301	0.94185
11118	2.35345	0.89997	0.89997	0.92776
11119	2.35784	0.80354	0.80354	0.78442
11120	2.34653	0.37903	0.37903	0.60344
11121	2.34611	0.79879	0.79879	0.80949
11122	2.32072	0.2211	0.2211	0.36314
11123	2.34786	0	0	0
11124	2.35041	0.36367	0.36367	0.63107
11125	2.38157	0.74659	0.74659	0.76392
11126	2.40075	0.80215	0.80215	0.83311
11127	2.39222	0	0	0
11128	2.42507	0.90458	0.90458	0.97406
11129	2.42586	0.80783	0.80783	0.81013
11130	2.43302	0.92503	0.92503	0.99119
11131	2.446	0.94273	0.94273	1.00538
11132	2.47042	1.02757	1.02757	1.13408
11133	2.47293	1.0038	1.0038	1.10265
11134	2.47629	0.95804	0.95804	1.03347
11135	2.41031	0.86277	0.86277	0.88967
11136	2.38597	0.80634	0.80634	0.80218
11137	2.37002	0	0	0
11138	2.45691	0.89738	0.89738	0.9464
11139	2.43994	0.86379	0.86379	0.89999
11140	2.4233	0.80807	0.80807	0.81184
11141	2.41105	0	0	0
11142	2.48572	1.03403	1.03403	1.14564
11143	2.48249	1.0475	1.0475	1.1646
11144	2.44424	0.81137	0.81137	0.82265
11145	2.41896	0	0	0
11146	2.57668	0.87163	0.87163	0.93621
11147	2.55695	0	0	0
11148	2.55461	0.822	0.822	0.8655
11149	2.54867	0.68417	0.68417	0.76467
11150	2.56559	0.78634	0.78634	0.82872
11151	2.59905	0.83229	0.83229	0.88846

11152	2.59844	1.01449	1.01449	1.11955
11153	2.57607	1.00527	1.00527	1.10702
11154	2.57645	0.98683	0.98683	1.08137
11155	2.48546	0.488	0.488	0.51867
11156	2.55006	0.97398	0.97398	1.06076
11157	2.54954	0.91244	0.91244	0.96916
11158	2.44919	0.18352	0.18352	0.26756
11159	2.5212	0.87837	0.87837	0.91611
11160	2.50816	0	0	0
11161	2.5069	0.85225	0.85225	0.88046
11162	2.70512	1.21473	1.21473	1.28426
11163	2.69717	1.20842	1.20842	1.28508
11164	2.71537	1.2184	1.2184	1.26815
11165	2.71015	1.21869	1.21869	1.28267
11166	2.71665	1.22009	1.22009	1.2692
11167	2.72655	1.2212	1.2212	1.25824
11168	2.62396	1.00345	1.00345	1.10479
11169	2.61759	0.96839	0.96839	1.09885
11170	2.47433	0.82035	0.82035	0.82527
11171	2.44766	0	0	0
11172	2.55706	0.78994	0.78994	0.79963
11173	2.55616	0.78048	0.78048	0.82069
11174	2.559	0.78696	0.78696	0.82778
11175	2.56899	0.81914	0.81914	0.86841
11176	2.61414	0.85326	0.85326	0.91465
11177	2.5869	0.82533	0.82533	0.84434
11178	2.52305	0	0	0
11179	2.53049	0.93115	0.93115	0.99519
11180	2.50212	0.9068	0.9068	0.96055
11181	2.44735	0.87118	0.87118	0.90093
11182	2.39845	0.81252	0.81252	0.80801
11183	2.36265	0	0	0
11184	2.60458	0.97028	0.97028	1.03067
11185	2.61594	1.00254	1.00254	1.08755
11186	2.60595	0.98154	0.98154	1.03125
11187	2.61627	0.93702	0.93702	0.93506
11188	2.61982	0.99259	0.99259	1.04193
11189	2.627	0.94876	0.94876	0.95266
11190	2.64483	0.96135	0.96135	0.96842
11191	2.62998	0.62829	0.62829	0.81636
11192	2.67322	0.98652	0.98652	1.05393

11193	2.68991	0.96339	0.96339	1.03028
11194	2.57793	0	0	0
11195	2.56126	0.90978	0.90978	0.97778
11196	2.5286	0.87627	0.87627	0.92737
11197	2.51403	0.82007	0.82007	0.84274
11198	2.4735	0	0	0
11199	2.4186	0	0	0
11200	2.43202	0.81458	0.81458	0.81121
11201	2.436	0.8698	0.8698	0.87958
11202	2.45745	0.90371	0.90371	0.93103
11203	2.43292	0.54729	0.54729	0.79238
11204	2.47672	0.94073	0.94073	0.95785
11205	2.50099	1.03348	1.03348	1.2
11206	2.50401	1.05221	1.05221	1.20921
11207	2.52698	1.05885	1.05885	1.21709
11208	2.56988	1.06602	1.06602	1.2287
11209	2.59358	1.07267	1.07267	1.2327
11210	2.46188	0.8737	0.8737	0.90179
11211	2.43964	0.8172	0.8172	0.81653
11212	2.42804	0	0	0
11213	2.47267	0.98082	0.98082	1.17588
11214	2.48224	0.98719	0.98719	1.17084
11215	2.462	0.97329	0.97329	1.17915
11216	2.43423	0.96745	0.96745	1.17393
11217	2.42557	0.96197	0.96197	1.16616
11218	2.30386	0	0	0
11219	2.31643	0.80819	0.80819	0.78229
11220	2.31628	0.8791	0.8791	0.89251
11221	2.31306	0	0	0
11222	2.28953	0.14064	0.14064	0.21004
11223	2.32952	0.80976	0.80976	0.78925
11224	2.32951	0.94356	0.94356	0.9887
11225	2.34429	0.75049	0.75049	0.70622
11226	2.33683	0.40627	0.40627	0.454
11227	2.33896	0.44454	0.44454	0.51512
11228	2.35008	0.75243	0.75243	0.73714
11229	2.37428	0.80813	0.80813	0.81239
11230	2.37159	0.97692	0.97692	1.04574
11231	2.38975	0.98853	0.98853	1.05429
11232	2.40268	0.99846	0.99846	1.06223
11233	2.41207	0.97051	0.97051	1.13966

11234	2.40608	0.97697	0.97697	1.13658
11235	2.40469	0.89871	0.89871	0.92303
11236	2.38614	0.88197	0.88197	0.89856
11237	2.38383	0.86362	0.86362	0.88304
11238	2.36552	0.83889	0.83889	0.84816
11239	2.35269	0.80584	0.80584	0.7915
11240	2.40018	1.01055	1.01055	1.12717
11241	2.4073	1.0181	1.0181	1.13227
11242	2.4176	1.02645	1.02645	1.131
11243	2.40703	1.03146	1.03146	1.11073
11244	2.32715	0	0	0
11245	2.34721	0.82099	0.82099	0.77217
11246	2.36999	0.95275	0.95275	0.97532
11247	2.3729	0.87925	0.87925	0.86098
11248	2.3271	0	0	0
11249	2.34107	0.82074	0.82074	0.78389
11250	2.39824	0.994	0.994	1.03392
11251	2.3993	0.97065	0.97065	1.00472
11252	2.40583	1.00602	1.00602	1.03226
11253	2.44359	1.09003	1.09003	1.14071
11254	2.44918	1.01815	1.01815	1.05097
11255	2.47944	1.09965	1.09965	1.14376
11256	2.37021	0	0	0
11257	2.53637	1.11061	1.11061	1.1736
11258	2.50738	1.10281	1.10281	1.14768
11259	2.58569	1.11712	1.11712	1.18584
11260	2.75335	0.7824	0.7824	0.7724
11261	2.65277	1.12236	1.12236	1.1989
11262	2.45583	0.8317	0.8317	0.81999
11263	2.43463	0	0	0
11264	2.7265	1.01017	1.01017	1.09779
11265	2.71667	1.04706	1.04706	1.13892
11266	2.69671	0.99769	0.99769	1.09353
11267	2.72383	0.75726	0.75726	0.69865
11268	2.49594	0	0	0
11269	2.56647	0.8893	0.8893	0.92613
11270	2.56826	0.83338	0.83338	0.84288
11271	2.5817	0	0	0
11272	2.49569	0.1442	0.1442	0.21359
11273	2.62764	0.97396	0.97396	1.05184
11274	2.62716	0.86685	0.86685	0.90029

11275	2.70006	0.7229	0.7229	0.81866
11276	2.70376	0.99871	0.99871	1.09203
11277	2.63931	0.55139	0.55139	0.74278
11278	2.72266	0.73695	0.73695	0.81331
11279	2.72579	0.71281	0.71281	0.70208
11280	2.72462	0.84017	0.84017	0.86295
11281	2.70044	0.79073	0.79073	0.85236
11282	2.63783	0	0	0
11283	2.50516	0	0	0
11284	2.55661	0.83239	0.83239	0.83392
11285	2.61172	0.89154	0.89154	0.92679
11286	2.64204	0.92678	0.92678	0.97288
11287	2.71142	0.77788	0.77788	0.80375
11288	2.74779	1.04179	1.04179	1.03444
11289	2.73902	0.99987	0.99987	1.02479
11290	2.53656	0	0	0
11291	2.5502	0.82348	0.82348	0.8238
11292	2.60923	0.883	0.883	0.91406
11293	2.71251	1.22671	1.22671	1.24944
11294	2.71803	1.22606	1.22606	1.2566
11295	2.71505	1.22432	1.22432	1.25345
11296	2.71771	1.22219	1.22219	1.25019
11297	2.61715	0.82947	0.82947	0.85189
11298	2.58075	0	0	0
11299	2.72567	1.23487	1.23487	1.26715
11300	2.74305	1.23592	1.23592	1.28751
11301	2.70994	1.00772	1.00772	1.06705
11302	2.74941	1.12482	1.12482	1.21018
11303	2.73258	1.18398	1.18398	1.27538
11304	2.75977	1.24057	1.24057	1.277
11305	2.74722	0.94219	0.94219	1.14087
11306	2.76751	0.95246	0.95246	1.13596
11307	2.78771	1.02658	1.02658	1.16474
11308	2.77654	0.89613	0.89613	0.94505
11309	2.79527	1.03303	1.03303	1.1563
11310	2.63373	0.83373	0.83373	0.84627
11311	2.56338	0	0	0
11312	2.87727	1.26836	1.26836	1.24386
11313	2.86776	1.29106	1.29106	1.35873
11314	2.86049	1.28632	1.28632	1.34322
11315	2.81938	1.28028	1.28028	1.30265

11316	2.78664	1.27973	1.27973	1.31796
11317	2.72627	1.05655	1.05655	1.15273
11318	2.71881	1.0304	1.0304	1.12163
11319	2.71957	1.00271	1.00271	1.08242
11320	2.67442	0.98752	0.98752	1.06101
11321	2.67117	0.95964	0.95964	1.04904
11322	2.66718	0.72755	0.72755	0.97174
11323	2.65839	0.68347	0.68347	0.91122
11324	2.65668	0.82956	0.82956	1.0531
11325	2.59605	0.91927	0.91927	0.92153
11326	2.59894	0.88963	0.88963	0.93097
11327	2.5647	0.83178	0.83178	0.84486
11328	2.54535	0	0	0
11329	2.5766	0	0	0
11330	2.61182	0.83606	0.83606	0.85207
11331	2.5754	0	0	0
11332	2.59203	0.89064	0.89064	0.92395
11333	2.55848	0.83251	0.83251	0.84048
11334	2.48008	0	0	0
11335	2.63911	1.12055	1.12055	1.17731
11336	2.64037	0.88843	0.88843	0.93744
11337	2.60406	0.83013	0.83013	0.85105
11338	2.56039	0	0	0
11339	2.62274	1.10812	1.10812	1.17843
11340	2.61195	1.10375	1.10375	1.17748
11341	2.60418	1.10047	1.10047	1.175
11342	2.61467	1.09864	1.09864	1.18164
11343	2.6049	1.08855	1.08855	1.17662
11344	2.6042	1.08186	1.08186	1.17664
11345	2.52164	0.82273	0.82273	0.82937
11346	2.52401	0	0	0
11347	2.50256	0	0	0
11348	2.59665	1.07658	1.07658	1.17415
11349	2.60048	1.06645	1.06645	1.1771
11350	2.60486	1.0246	1.0246	1.14436
11351	2.60394	1.02248	1.02248	1.17889
11352	2.58958	0.70925	0.70925	1.03234
11353	2.60077	1.01577	1.01577	1.18076
11354	2.59324	1.00132	1.00132	1.18335
11355	2.58496	0.97588	0.97588	1.184
11356	2.57774	0.9594	0.9594	1.22484

11357	2.58291	0.96798	0.96798	1.18442
11358	2.5764	0.95017	0.95017	1.22527
11359	2.51368	0.82195	0.82195	0.83233
11360	2.50788	0	0	0
11361	2.51368	0	0	0
11362	2.54517	0.96994	0.96994	0.98631
11363	2.53362	0.95922	0.95922	1.03824
11364	2.51993	0.94247	0.94247	1.01683
11365	2.51965	0.85307	0.85307	0.88499
11366	2.42633	0.11037	0.11037	0.16542
11367	2.48563	0	0	0
11368	2.48408	0.82055	0.82055	0.8299
11369	2.48496	0	0	0
11370	2.51372	0.82033	0.82033	0.82921
11371	2.47891	0	0	0
11372	2.52494	0.81883	0.81883	0.84226
11373	2.52296	0.76444	0.76444	0.7881
11374	2.49606	0.5214	0.5214	0.68555
11375	2.51375	0.45442	0.45442	0.63083
11376	2.53695	0.75971	0.75971	0.7245
11377	2.57055	0.81734	0.81734	0.81145
11378	2.63837	0.89466	0.89466	0.9507
11379	2.64788	0.76725	0.76725	0.80107
11380	2.61354	0.55925	0.55925	0.75804
11381	2.65884	0	0	0
11382	2.50634	0.91222	0.91222	0.96573
11383	2.51344	0	0	0
11384	2.53925	0.9376	0.9376	1.00361
11385	2.5694	0.95719	0.95719	1.03212
11386	2.42574	0	0	0
11387	2.45074	0.82064	0.82064	0.81741
11388	2.49085	0	0	0
11389	2.49446	0.8247	0.8247	0.83235
11390	2.49194	0.93597	0.93597	1.006
11391	2.43165	0.82084	0.82084	0.81974
11392	2.38409	0	0	0
11393	2.52505	0.95597	0.95597	1.03822
11394	2.54385	0.81543	0.81543	1.13258
11395	2.55685	0.85029	0.85029	1.13912
11396	2.53709	0.65475	0.65475	0.94069
11397	2.57263	0.87446	0.87446	1.14048

11398	2.45808	0	0	0
11399	2.47171	0.82594	0.82594	0.81547
11400	2.47916	0.88256	0.88256	0.89263
11401	2.50711	0.91554	0.91554	0.97405
11402	2.55227	0.95728	0.95728	0.94743
11403	2.55948	0.94099	0.94099	1.01655
11404	2.62228	1.05298	1.05298	1.1786
11405	2.61792	1.00779	1.00779	1.17706
11406	2.60613	0.90588	0.90588	1.14602
11407	2.67507	1.08716	1.08716	1.19621
11408	2.66243	1.05925	1.05925	1.17851
11409	2.57234	0.5913	0.5913	0.9103
11410	2.74893	1.10678	1.10678	1.21928
11411	2.70027	1.10246	1.10246	1.21144
11412	2.68716	1.09162	1.09162	1.19953
11413	2.75011	1.1128	1.1128	1.19937
11414	2.74115	1.12057	1.12057	1.22418
11415	2.51715	0.81782	0.81782	0.77359
11416	2.49359	0.7599	0.7599	0.67982
11417	2.48095	0.4973	0.4973	0.64512
11418	2.55212	0.56526	0.56526	0.76116
11419	2.64902	0.74687	0.74687	1.01709
11420	2.63702	0.85214	0.85214	1.04716
11421	2.63091	0.87493	0.87493	1.01426
11422	2.58797	0.74098	0.74098	0.96332
11423	2.4997	0	0	0
11424	2.51604	0.82638	0.82638	0.82478
11425	2.54326	0.88381	0.88381	0.9136
11426	2.57711	0.91843	0.91843	0.96696
11427	2.59741	0.94292	0.94292	1.00277
11428	2.59237	0.98048	0.98048	1.05001
11429	2.63653	0.99567	0.99567	1.06722
11430	2.62194	1.008	1.008	1.05127
11431	2.6989	1.02076	1.02076	1.07728
11432	2.72674	1.04407	1.04407	1.11494
11433	2.71614	1.0299	1.0299	1.08149
11434	2.6521	0	0	0
11435	2.59445	1.23325	1.23325	1.27489
11436	2.57259	1.22473	1.22473	1.2567
11437	2.57493	1.23064	1.23064	1.27208
11438	2.53574	1.22163	1.22163	1.24783

11439	2.54075	1.21654	1.21654	1.26589
11440	2.53944	1.21982	1.21982	1.26564
11441	2.50049	1.0013	1.0013	1.10852
11442	2.50161	0.96923	0.96923	1.05669
11443	2.4145	0.24392	0.24392	0.3677
11444	2.46775	0.9552	0.9552	1.02657
11445	2.47876	0.81367	0.81367	0.82563
11446	2.42316	0	0	0
11447	2.42191	0.89687	0.89687	0.93712
11448	2.3884	0.86208	0.86208	0.88702
11449	2.35287	0.80503	0.80503	0.79994
11450	2.32966	0	0	0
11451	2.46953	0	0	0
11452	2.46738	0.84393	0.84393	0.87213
11453	2.46439	0.95229	0.95229	1.04207
11454	2.42378	0.93487	0.93487	1.00916
11455	2.39322	0.91504	0.91504	0.97357
11456	2.36275	0.89052	0.89052	0.92655
11457	2.32515	0.85551	0.85551	0.87025
11458	2.31204	0.80022	0.80022	0.78561
11459	2.29385	0	0	0
11460	2.52698	1.21597	1.21597	1.26092
11461	2.50351	1.20024	1.20024	1.27428
11462	2.50885	1.21465	1.21465	1.27089
11463	2.47725	1.19478	1.19478	1.26793
11464	2.46939	1.15571	1.15571	1.21712
11465	2.44235	1.15225	1.15225	1.216
11466	2.42436	1.15012	1.15012	1.21634
11467	2.40239	1.14642	1.14642	1.21015
11468	2.39121	1.14404	1.14404	1.20562
11469	2.36707	1.13917	1.13917	1.19758
11470	2.34455	1.1332	1.1332	1.18604
11471	2.35375	0	0	0
11472	2.3435	1.13105	1.13105	1.19682
11473	2.34444	1.12813	1.12813	1.19414
11474	2.34176	1.12637	1.12637	1.19959
11475	2.31254	0.7947	0.7947	0.785
11476	2.30046	0	0	0
11477	2.4484	1.11055	1.11055	1.23326
11478	2.44228	1.11645	1.11645	1.23076
11479	2.46076	0.74794	0.74794	0.72181

11480	2.46015	1.08518	1.08518	1.2151
11481	2.45608	1.08834	1.08834	1.21101
11482	2.45063	1.10934	1.10934	1.24554
11483	2.43416	1.03232	1.03232	1.14454
11484	2.43701	0.27408	0.27408	0.45733
11485	2.42033	1.02647	1.02647	1.14675
11486	2.41926	1.00432	1.00432	1.13924
11487	2.41397	1.021	1.021	1.15565
11488	2.40278	0.95091	0.95091	1.05156
11489	2.39651	0.99596	0.99596	1.12676
11490	2.34083	0.29515	0.29515	0.51089
11491	2.38151	0.9288	0.9288	1.01204
11492	2.35862	0.90942	0.90942	0.97838
11493	2.33075	0.88403	0.88403	0.93515
11494	2.3023	0.85002	0.85002	0.86869
11495	2.28115	0.79381	0.79381	0.77208
11496	2.27706	0	0	0
11497	2.3813	0.85697	0.85697	0.89601
11498	2.37659	0.8889	0.8889	0.94422
11499	2.36044	0.80089	0.80089	0.79814
11500	2.34596	0	0	0
11501	2.37993	0.80325	0.80325	0.80324
11502	2.3723	0	0	0
11503	2.42632	0.85747	0.85747	0.92299
11504	2.47112	0.89139	0.89139	0.98649
11505	2.47862	0.91475	0.91475	1.02387
11506	2.49421	0.93339	0.93339	1.05581
11507	2.47764	0.97054	0.97054	1.1106
11508	2.4476	0.80457	0.80457	0.81737
11509	2.41959	0	0	0
11510	2.46764	0.9805	0.9805	1.09684
11511	2.4515	0.98854	0.98854	1.08597
11512	2.44415	0.99579	0.99579	1.07313
11513	2.45083	1.00324	1.00324	1.0779
11514	2.45587	1.08008	1.08008	1.20549
11515	2.3995	0	0	0
11516	2.40807	0.96988	0.96988	1.05067
11517	2.38786	0.49862	0.49862	0.81782
11518	2.38841	0.95751	0.95751	1.04685
11519	2.36485	0.94357	0.94357	1.02206
11520	2.33013	0.92606	0.92606	0.99118

11521	2.29858	0.90559	0.90559	0.95236
11522	2.26964	0.87988	0.87988	0.90659
11523	2.2541	0.84651	0.84651	0.8505
11524	2.24915	0.79232	0.79232	0.76348
11525	2.24329	0	0	0
11526	2.30179	0	0	0
11527	2.31496	0.79253	0.79253	0.78973
11528	2.31801	0.84639	0.84639	0.87599
11529	2.35537	0	0	0
11530	2.35767	0.79507	0.79507	0.79922
11531	2.35078	0.9202	0.9202	1.00295
11532	2.34098	1.12418	1.12418	1.21248
11533	2.352	0.93486	0.93486	1.02289
11534	2.32507	1.1104	1.1104	1.19841
11535	2.32238	1.10828	1.10828	1.20257
11536	2.31785	1.10578	1.10578	1.20346
11537	2.30755	0.92854	0.92854	0.96814
11538	2.31342	1.09351	1.09351	1.17089
11539	2.31378	1.09149	1.09149	1.18146
11540	2.30214	1.08721	1.08721	1.17598
11541	2.29861	1.08501	1.08501	1.17564
11542	2.29135	1.08177	1.08177	1.17139
11543	2.28912	1.07949	1.07949	1.17186
11544	2.2925	1.07482	1.07482	1.16915
11545	2.29092	1.05569	1.05569	1.10671
11546	2.2697	0.48205	0.48205	0.83055
11547	2.29294	1.05309	1.05309	1.12688
11548	2.28925	1.04827	1.04827	1.12753
11549	2.29058	1.04555	1.04555	1.13128
11550	2.27944	1.04122	1.04122	1.1238
11551	2.28319	1.01431	1.01431	1.08085
11552	2.28303	1.00943	1.00943	1.08129
11553	2.31437	1.00542	1.00542	1.12856
11554	2.37686	1.00126	1.00126	1.19457
11555	2.37455	0.99647	0.99647	1.19035
11556	2.38576	0.83018	0.83018	0.91264
11557	2.36996	0.77611	0.77611	0.80107
11558	2.37587	0.97601	0.97601	1.1652
11559	2.38454	0.97007	0.97007	1.16576
11560	2.37513	0.96346	0.96346	1.15156
11561	2.35648	0.95572	0.95572	1.13149

11562	2.34868	0.94789	0.94789	1.1152
11563	2.33293	0.93904	0.93904	1.093
11564	2.3281	0.92946	0.92946	1.07969
11565	2.31689	0.91873	0.91873	1.05812
11566	2.30224	0.90609	0.90609	1.03146
11567	2.28459	0.89096	0.89096	1.0018
11568	2.27205	0.87317	0.87317	0.96298
11569	2.27024	0.85106	0.85106	0.92267
11570	2.25555	0.81946	0.81946	0.85394
11571	2.24928	0.76641	0.76641	0.74682
11572	2.24983	0	0	0
11573	2.36707	0	0	0
11574	2.25369	0.92571	0.92571	0.97715
11575	2.25077	0.91304	0.91304	0.95537
11576	2.24846	0.89777	0.89777	0.94613
11577	2.26573	0.88	0.88	0.95025
11578	2.24801	0.82471	0.82471	0.85335
11579	2.26972	0	0	0
11580	2.23172	0.77069	0.77069	0.74666
11581	2.22034	0	0	0
11582	2.28037	0.93866	0.93866	1.00219
11583	2.27666	0.92216	0.92216	1.00515
11584	2.27817	0.86869	0.86869	0.91565
11585	2.26005	0.83465	0.83465	0.85546
11586	2.2562	0.78094	0.78094	0.76712
11587	2.24367	0	0	0
11588	2.26381	0.78303	0.78303	0.7675
11589	2.24354	0	0	0
11590	2.2687	0.78319	0.78319	0.76592
11591	2.2593	0	0	0
11592	2.2896	0.49952	0.49952	0.84559
11593	2.30582	0.91428	0.91428	0.99238
11594	2.29519	0.89585	0.89585	0.96462
11595	2.2954	0.78867	0.78867	0.78132
11596	2.27271	0	0	0
11597	2.26781	0.78629	0.78629	0.77129
11598	2.24804	0	0	0
11599	2.40369	0.86083	0.86083	0.89856
11600	2.37703	0.80475	0.80475	0.80901
11601	2.35338	0	0	0
11602	2.45358	1.01071	1.01071	1.12626

11603	2.45169	1.0699	1.0699	1.21017
11604	2.43921	0.9796	0.9796	1.08509
11605	2.43641	1.00314	1.00314	1.12129
11606	2.411	0.96262	0.96262	1.0521
11607	2.36781	0.25392	0.25392	0.41005
11608	2.38002	0.94847	0.94847	1.02858
11609	2.36239	0	0	0
11610	2.36247	0.93298	0.93298	1.00244
11611	2.32972	0.88962	0.88962	0.92631
11612	2.30375	0.85535	0.85535	0.871
11613	2.28691	0.79943	0.79943	0.77837
11614	2.26335	0	0	0
11615	2.39427	0.80804	0.80804	0.81174
11616	2.39553	0	0	0
11617	2.42019	0.89631	0.89631	0.95974
11618	2.41728	1.00549	1.00549	1.12427
11619	2.39561	0.86273	0.86273	0.90019
11620	2.37992	0.80689	0.80689	0.80845
11621	2.36371	0	0	0
11622	2.36825	0.95908	0.95908	1.04769
11623	2.36927	0.86052	0.86052	0.89005
11624	2.34639	0.80447	0.80447	0.79953
11625	2.3336	0	0	0
11626	2.3409	0.89019	0.89019	0.93322
11627	2.32459	0.85703	0.85703	0.88097
11628	2.28936	0	0	0
11629	2.30045	0	0	0
11630	2.50468	0.92587	0.92587	0.99629
11631	2.47857	0.90158	0.90158	0.95993
11632	2.44267	0.86768	0.86768	0.90081
11633	2.41433	0.81123	0.81123	0.80897
11634	2.37939	0	0	0
11635	2.98796	1.27205	1.27205	1.23654
11636	2.95782	1.17961	1.17961	1.16163
11637	2.9815	1.14419	1.14419	1.08605
11638	2.86508	1.14303	1.14303	1.04974
11639	3.00355	1.40978	1.40978	1.16114
11640	3.00939	1.41504	1.41504	1.27883
11641	2.98812	1.2717	1.2717	1.24261
11642	2.84841	1.41409	1.41409	1.25259
11643	2.93083	1.41175	1.41175	1.2076

11644	2.9871	1.40948	1.40948	1.15407
11645	2.84069	1.4122	1.4122	1.11725
11646	2.82198	1.41315	1.41315	1.14772
11647	2.83484	1.41513	1.41513	1.25902
11648	2.84457	1.41475	1.41475	1.25147
11649	2.84351	1.41062	1.41062	1.11608
11650	2.75087	1.01525	1.01525	1.02986
11651	2.8965	1.40929	1.40929	1.12937
11652	2.89671	1.37526	1.37526	1.09547
11653	2.89213	1.37805	1.37805	1.24095
11654	2.87972	1.38547	1.38547	1.29481
11655	2.90295	1.41099	1.41099	1.28667
11656	2.85368	1.40983	1.40983	1.01177
11657	2.91511	1.37604	1.37604	1.09767
11658	2.48802	0	0	0
11659	2.51137	0.82879	0.82879	0.82141
11660	2.54157	0.88714	0.88714	0.89461
11661	2.57422	1.03082	1.03082	1.1231
11662	2.57466	0.92213	0.92213	0.96238
11663	2.67969	1.04418	1.04418	1.14956
11664	2.77088	1.07857	1.07857	1.15182
11665	2.77737	1.12656	1.12656	1.24301
11666	2.77621	1.13163	1.13163	1.24634
11667	2.78863	1.07412	1.07412	1.18538
11668	2.71991	0	0	0
11669	2.49857	0.90156	0.90156	0.93211
11670	2.49912	0.9792	0.9792	1.0484
11671	2.44896	0.82548	0.82548	0.81806
11672	2.43443	0.19176	0.19176	0.27267
11673	2.40933	0	0	0
11674	2.45961	0.82592	0.82592	0.81482
11675	2.46003	0.88187	0.88187	0.89144
11676	2.43351	0	0	0
11677	2.74165	1.07225	1.07225	1.14382
11678	2.68024	1.04843	1.04843	1.11967
11679	2.69651	1.06459	1.06459	1.12904
11680	2.57336	0.83288	0.83288	0.83841
11681	2.51846	0	0	0
11682	2.64867	1.0403	1.0403	1.11888
11683	2.63525	0.97914	0.97914	1.07825
11684	2.6012	0.96451	0.96451	1.06495

11685	2.57154	0.81558	0.81558	1.01152
11686	2.61965	0.81198	0.81198	1.01813
11687	2.66215	0.85239	0.85239	1.0351
11688	2.65968	0.98927	0.98927	1.14275
11689	2.54419	0.83139	0.83139	0.83547
11690	2.5432	0.94933	0.94933	1.04459
11691	2.53132	0	0	0
11692	2.44822	0.33319	0.33319	0.37686
11693	2.50007	0.81103	0.81103	0.92666
11694	2.49971	0.8733	0.8733	0.9729
11695	2.47784	0.71198	0.71198	0.77528
11696	2.45799	0.80477	0.80477	0.89661
11697	2.46178	0.58795	0.58795	0.75486
11698	2.51251	0.73682	0.73682	0.82653
11699	2.54216	0.91418	0.91418	0.97202
11700	2.55531	0.81183	0.81183	0.88335
11701	2.53154	0.89332	0.89332	0.96905
11702	2.53361	0	0	0
11703	2.53378	0.86586	0.86586	0.97007
11704	2.39622	0	0	0
11705	2.41753	0.82523	0.82523	0.80698
11706	2.43233	0.88152	0.88152	0.89714
11707	2.50805	0.94046	0.94046	0.95468
11708	2.50261	0.80733	0.80733	0.90834
11709	2.5491	0.9612	0.9612	0.99551
11710	2.83909	1.04864	1.04864	1.28153
11711	2.85894	0.98595	0.98595	1.26837
11712	2.77814	1.04136	1.04136	1.27458
11713	2.77155	1.0164	1.0164	1.27853
11714	2.75438	1.01251	1.01251	1.2801
11715	2.72463	1.00873	1.00873	1.27214
11716	2.71121	1.05104	1.05104	1.30393
11717	2.71567	1.00538	1.00538	1.27209
11718	2.72304	1.13317	1.13317	1.31814
11719	2.72606	1.05379	1.05379	1.32299
11720	2.70542	1.14507	1.14507	1.26119
11721	2.73258	1.13649	1.13649	1.2875
11722	2.73155	1.13447	1.13447	1.3253
11723	2.70685	1.14747	1.14747	1.26657
11724	2.52635	0	0	0
11725	2.57775	0.83159	0.83159	0.84873

11726	2.57592	0.923	0.923	1.0472
11727	2.5883	0.94697	0.94697	1.06146
11728	2.60543	0.9663	0.9663	1.07218
11729	2.64163	0.89986	0.89986	0.93598
11730	2.63879	1.07653	1.07653	1.10457
11731	2.60465	1.13302	1.13302	1.15906
11732	2.58968	0.84072	0.84072	0.84687
11733	2.53979	0	0	0
11734	2.70381	1.14995	1.14995	1.25535
11735	2.71758	1.12422	1.12422	1.19041
11736	2.71597	1.16202	1.16202	1.21349
11737	2.7006	1.15225	1.15225	1.25272
11738	2.67701	1.11894	1.11894	1.18279
11739	2.6556	1.10192	1.10192	1.16184
11740	2.65121	1.11363	1.11363	1.18219
11741	2.58957	1.09277	1.09277	1.15303
11742	2.58354	1.08876	1.08876	1.1597
11743	2.56087	1.0825	1.0825	1.15787
11744	2.56692	1.06426	1.06426	1.15506
11745	2.5498	1.07725	1.07725	1.15947
11746	2.58952	0.89289	0.89289	0.92249
11747	2.55636	0.83486	0.83486	0.83989
11748	2.50136	0	0	0
11749	2.43524	0	0	0
11750	2.47059	0.82481	0.82481	0.83214
11751	2.51575	0.88251	0.88251	0.92996
11752	2.57	0.91796	0.91796	0.98838
11753	2.56469	1.05966	1.05966	1.16435
11754	2.51582	1.02966	1.02966	1.15374
11755	2.46602	1.00875	1.00875	1.09468
11756	2.46759	1.02209	1.02209	1.10322
11757	2.45266	0.99748	0.99748	1.0874
11758	2.41983	0.75406	0.75406	0.6653
11759	2.41725	0.45152	0.45152	0.62109
11760	2.44691	0.96706	0.96706	1.08324
11761	2.46473	0.82235	0.82235	0.8735
11762	2.47308	0	0	0
11763	2.45037	0.90808	0.90808	1.11166
11764	2.44881	0.95858	0.95858	1.08728
11765	2.40094	0.81343	0.81343	0.80968
11766	2.39927	0.94692	0.94692	1.01955

11767	2.38482	0	0	0
11768	2.35259	0.14046	0.14046	0.22204
11769	2.38811	0.81223	0.81223	0.80453
11770	2.38545	0.88301	0.88301	0.92074
11771	2.36176	0	0	0
11772	2.45445	0.91129	0.91129	1.11146
11773	2.45799	0.98293	0.98293	1.14307
11774	2.45802	0.92313	0.92313	1.11569
11775	2.47193	0.99322	0.99322	1.15544
11776	2.53835	1.0047	1.0047	1.1959
11777	2.56633	1.01368	1.01368	1.2077
11778	2.64767	1.0248	1.0248	1.23092
11779	2.52284	0.87756	0.87756	1.05032
11780	2.53612	0.86014	0.86014	1.04986
11781	2.5399	0.84236	0.84236	1.05026
11782	2.55592	0.84112	0.84112	1.05603
11783	2.55882	0.84971	0.84971	1.03739
11784	2.58147	0.92051	0.92051	1.07378
11785	2.55978	0.79872	0.79872	0.77674
11786	2.60549	0.99243	0.99243	1.11466
11787	2.60648	0.98198	0.98198	1.10975
11788	2.60798	0.9403	0.9403	1.07675
11789	2.5523	0.47402	0.47402	0.61897
11790	2.57655	0	0	0
11791	2.54913	0.82555	0.82555	0.8289
11792	2.49979	0	0	0
11793	2.63634	1.02614	1.02614	1.14502
11794	2.63143	0.87313	0.87313	0.88208
11795	2.39149	0	0	0
11796	2.43001	0.81732	0.81732	0.80903
11797	2.48792	0.90845	0.90845	0.94723
11798	2.4922	0	0	0
11799	2.42409	0	0	0
11800	2.45094	0.81787	0.81787	0.81863
11801	2.47596	0.87484	0.87484	0.90768
11802	2.45715	0	0	0
11803	2.64513	1.03809	1.03809	1.14272
11804	2.57852	1.02789	1.02789	1.12175
11805	2.58521	0.98809	0.98809	1.06875
11806	2.54822	0.97464	0.97464	1.05698
11807	2.55326	0.90378	0.90378	0.97524

11808	2.52938	0.86797	0.86797	0.93255
11809	2.5171	0.74523	0.74523	0.89768
11810	2.51194	0.75137	0.75137	0.90183
11811	2.52665	0.42632	0.42632	0.61483
11812	2.40874	0	0	0
11813	2.42141	0.81527	0.81527	0.81964
11814	2.44151	0.87091	0.87091	0.90991
11815	2.46716	0.904	0.904	0.96856
11816	2.33041	0	0	0
11817	2.36543	0.81066	0.81066	0.79621
11818	2.39727	0.86802	0.86802	0.89877
11819	2.41764	0.90158	0.90158	0.9515
11820	2.43302	0.925	0.925	0.99088
11821	2.46608	0.94438	0.94438	1.02408
11822	2.50476	0.96081	0.96081	1.05978
11823	2.50675	1.00954	1.00954	1.14253
11824	2.53606	1.01795	1.01795	1.15424
11825	2.55049	1.02496	1.02496	1.16248
11826	2.55361	1.03632	1.03632	1.17859
11827	2.66332	0.9144	0.9144	1.01422
11828	2.66378	1.04737	1.04737	1.21071
11829	2.56258	0.8775	0.8775	0.94103
11830	2.48399	0.81884	0.81884	0.83508
11831	2.42216	0	0	0
11832	2.46419	0	0	0
11833	2.52006	0	0	0
11834	2.55178	0.82218	0.82218	0.84516
11835	2.51001	0	0	0
11836	2.58143	0.87885	0.87885	0.9483
11837	2.58696	0	0	0
11838	2.61656	0.91262	0.91262	1.00569
11839	2.61677	0.96792	0.96792	1.09066
11840	2.65549	0.98161	0.98161	1.10505
11841	2.37603	0	0	0
11842	2.38347	0.81111	0.81111	0.80026
11843	2.3922	0.86682	0.86682	0.88085
11844	2.40202	0.8998	0.8998	0.93234
11845	2.30722	0	0	0
11846	2.32106	0.80769	0.80769	0.79405
11847	2.35853	0.86527	0.86527	0.88844
11848	2.42646	0.90251	0.90251	0.95965

11849	2.46828	0.92853	0.92853	1.00455
11850	2.51041	0.94879	0.94879	1.04417
11851	2.5393	0.96502	0.96502	1.07196
11852	2.65188	0.82693	0.82693	0.86948
11853	2.64869	1.00305	1.00305	1.14859
11854	2.59832	0	0	0
11855	2.31124	0	0	0
11856	2.29979	0.79792	0.79792	0.75565
11857	2.31787	0.85378	0.85378	0.86705
11858	2.35212	0.8883	0.8883	0.94539
11859	2.3874	0.91293	0.91293	0.99379
11860	2.37914	0.97716	0.97716	1.07202
11861	2.39194	0.93117	0.93117	1.01011
11862	2.3507	0.85744	0.85744	0.88262
11863	2.32673	0.80124	0.80124	0.77855
11864	2.30871	0	0	0
11865	2.39065	0.98694	0.98694	1.07847
11866	2.32479	0	0	0
11867	2.33462	0.80236	0.80236	0.78154
11868	2.34703	0.85761	0.85761	0.8778
11869	2.36715	0.89114	0.89114	0.9332
11870	2.41554	0	0	0
11871	2.40182	0.93381	0.93381	1.0212
11872	2.45233	0	0	0
11873	2.4388	0.96284	0.96284	1.08197
11874	2.43117	1.04096	1.04096	1.18465
11875	2.43977	1.04643	1.04643	1.17539
11876	2.44658	1.05187	1.05187	1.15495
11877	2.43831	1.07732	1.07732	1.18736
11878	2.45733	1.09685	1.09685	1.21598
11879	2.46265	1.08207	1.08207	1.19966
11880	2.47464	1.10068	1.10068	1.21452
11881	2.47873	1.10322	1.10322	1.19328
11882	2.51791	1.10857	1.10857	1.18618
11883	2.54974	1.11402	1.11402	1.1843
11884	2.54787	1.12182	1.12182	1.19915
11885	2.5873	1.12668	1.12668	1.19943
11886	2.59815	1.12971	1.12971	1.18495
11887	2.63948	1.1342	1.1342	1.19092
11888	2.63611	1.14082	1.14082	1.20374
11889	2.37691	0	0	0

11890	2.42284	0.81551	0.81551	0.8058
11891	2.46396	0.87316	0.87316	0.89975
11892	2.39178	0.91856	0.91856	0.97624
11893	2.37534	0.89471	0.89471	0.93515
11894	2.36737	0.86202	0.86202	0.88734
11895	2.36231	0.80713	0.80713	0.80068
11896	2.34696	0	0	0
11897	2.3763	0.94862	0.94862	1.00975
11898	2.34422	0.93143	0.93143	0.97798
11899	2.33779	0.91308	0.91308	0.95083
11900	2.33505	0.88997	0.88997	0.9218
11901	2.33395	0.85765	0.85765	0.88066
11902	2.31323	0.80163	0.80163	0.78222
11903	2.30172	0	0	0
11904	2.49116	0	0	0
11905	2.5423	0.82357	0.82357	0.82299
11906	2.54983	0.87975	0.87975	0.8931
11907	2.66857	1.1452	1.1452	1.19822
11908	2.31885	0	0	0
11909	2.34952	0.81363	0.81363	0.7918
11910	2.38675	0.87169	0.87169	0.87798
11911	2.39982	0.90529	0.90529	0.92461
11912	2.43827	0.93139	0.93139	0.96363
11913	2.468	0.95175	0.95175	0.99459
11914	2.49288	0.96833	0.96833	1.01936
11915	2.49186	1.00928	1.00928	1.07551
11916	2.535	1.01987	1.01987	1.09663
11917	2.37407	0	0	0
11918	2.39083	0.81767	0.81767	0.80123
11919	2.40845	0.87427	0.87427	0.88276
11920	2.62249	1.03146	1.03146	1.13756
11921	2.70697	1.04246	1.04246	1.15617
11922	2.70683	1.0642	1.0642	1.192
11923	2.59104	0.88643	0.88643	0.93805
11924	2.54331	0.82888	0.82888	0.84037
11925	2.51504	0	0	0
11926	2.40826	0	0	0
11927	2.42965	0	0	0
11928	2.45178	0.81502	0.81502	0.8268
11929	2.44911	0.90214	0.90214	0.97947
11930	2.48375	0.92668	0.92668	1.02829

11931	2.5976	1.05407	1.05407	1.24803
11932	2.58694	0.94791	0.94791	1.07875
11933	2.6248	1.05934	1.05934	1.25781
11934	2.65912	1.12448	1.12448	1.3396
11935	2.662	1.0649	1.0649	1.27013
11936	2.62252	0.60814	0.60814	1.08466
11937	2.68774	1.1279	1.1279	1.34604
11938	2.72951	1.13391	1.13391	1.32568
11939	2.74003	1.16612	1.16612	1.39874
11940	2.70312	0.91664	0.91664	1.03495
11941	2.77057	1.17386	1.17386	1.4079
11942	2.81272	1.17696	1.17696	1.40727
11943	2.81386	1.18107	1.18107	1.37885
11944	2.80267	1.20046	1.20046	1.3724
11945	2.79734	1.20734	1.20734	1.36481
11946	2.79411	1.21484	1.21484	1.36763
11947	2.7834	1.22299	1.22299	1.34592
11948	2.64326	0.91342	0.91342	1.0156
11949	2.57709	0.87917	0.87917	0.95059
11950	2.4572	0.81822	0.81822	0.82899
11951	2.43979	0	0	0
11952	2.57556	1.06173	1.06173	1.23263
11953	2.54285	1.05647	1.05647	1.22664
11954	2.4891	1.05004	1.05004	1.21677
11955	2.43808	1.04294	1.04294	1.20002
11956	2.40262	0.99208	0.99208	1.11622
11957	2.40047	1.03555	1.03555	1.18365
11958	2.3072	0	0	0
11959	2.31559	0.91166	0.91166	0.97199
11960	2.32916	0.80404	0.80404	0.7897
11961	2.29577	0.88722	0.88722	0.92894
11962	2.27587	0.85348	0.85348	0.86425
11963	2.26093	0.79791	0.79791	0.76702
11964	2.25175	0	0	0
11965	2.35531	0.95967	0.95967	1.06008
11966	2.38755	0	0	0
11967	2.38479	0.98208	0.98208	1.10165
11968	2.34109	0.37083	0.37083	0.65633
11969	2.38093	0.9174	0.9174	0.9859
11970	2.37857	0.94216	0.94216	1.01822
11971	2.3461	0.89208	0.89208	0.94674

11972	2.30705	0.80268	0.80268	0.78468
11973	2.31005	0	0	0
11974	2.26704	0	0	0
11975	2.53656	1.01464	1.01464	1.17051
11976	2.49532	1.00571	1.00571	1.14931
11977	2.44678	0.99552	0.99552	1.1259
11978	2.40358	0.96503	0.96503	1.06469
11979	2.40521	0.98478	0.98478	1.10057
11980	2.36803	0.95027	0.95027	1.03307
11981	2.37071	0.91851	0.91851	0.98304
11982	2.35656	0.89462	0.89462	0.9409
11983	2.32415	0.85996	0.85996	0.87959
11984	2.29248	0.80297	0.80297	0.77693
11985	2.26432	0	0	0
11986	2.32985	0	0	0
11987	2.37553	0	0	0
11988	2.31744	0	0	0
11989	2.33618	0.80711	0.80711	0.79861
11990	2.35824	0.86329	0.86329	0.89842
11991	2.37882	0.89668	0.89668	0.95698
11992	2.42942	0.92278	0.92278	1.0101
11993	2.46233	0.94226	0.94226	1.04767
11994	2.51323	1.00773	1.00773	1.16903
11995	2.51241	0.95942	0.95942	1.08489
11996	2.33498	0	0	0
11997	2.3656	0.80901	0.80901	0.80535
11998	2.4151	0.86687	0.86687	0.91202
11999	2.42968	0.89999	0.89999	0.96989
12000	2.33403	0	0	0
12001	2.38102	0.81107	0.81107	0.8121
12002	2.44041	0.86906	0.86906	0.92047
12003	2.46185	0.90205	0.90205	0.97612
12004	2.54956	0.9291	0.9291	1.04173
12005	2.60345	0.94897	0.94897	1.08471
12006	2.59888	1.05131	1.05131	1.25433
12007	2.6675	1.0588	1.0588	1.27688
12008	2.67051	1.06264	1.06264	1.27922
12009	2.63864	1.06601	1.06601	1.22506
12010	2.47169	0	0	0
12011	2.52233	0.82254	0.82254	0.84586
12012	2.58554	0.88013	0.88013	0.95156

12013	2.21988	0	0	0
12014	2.24261	0.80451	0.80451	0.73914
12015	2.25072	0.85939	0.85939	0.83284
12016	2.26211	0.89273	0.89273	0.88718
12017	2.28338	0.91821	0.91821	0.9306
12018	2.31426	0.93963	0.93963	0.96189
12019	2.35218	0.96053	0.96053	0.98683
12020	2.37712	0.97523	0.97523	1.00759
12021	2.38615	0.98668	0.98668	1.01945
12022	2.39966	0.99716	0.99716	1.03409
12023	2.42426	1.00766	1.00766	1.05338
12024	2.44696	1.01764	1.01764	1.05834
12025	2.47345	1.02682	1.02682	1.06497
12026	2.52281	1.03735	1.03735	1.08528
12027	2.61183	1.04912	1.04912	1.11028
12028	2.66209	1.13454	1.13454	1.21819
12029	2.65862	1.05744	1.05744	1.12734
12030	2.25608	0	0	0
12031	2.2617	0.80605	0.80605	0.74087
12032	2.26889	0.86143	0.86143	0.84128
12033	2.2773	0.89371	0.89371	0.89725
12034	2.28982	0.91754	0.91754	0.92412
12035	2.34059	0	0	0
12036	2.33976	0.95522	0.95522	1.00585
12037	2.352	0.96838	0.96838	1.02435
12038	2.34974	1.01115	1.01115	1.08424
12039	2.36368	1.01915	1.01915	1.09245
12040	2.38462	1.02722	1.02722	1.10648
12041	2.3044	0.89655	0.89655	0.90584
12042	2.30023	0.86469	0.86469	0.85686
12043	2.29252	0.80935	0.80935	0.76966
12044	2.28652	0	0	0
12045	2.4518	1.04167	1.04167	1.12242
12046	2.47606	1.04897	1.04897	1.09779
12047	2.47505	0	0	0
12048	2.48773	0.828	0.828	0.82011
12049	2.49137	1.06405	1.06405	1.11026
12050	2.51151	1.07015	1.07015	1.11826
12051	2.56725	1.0782	1.0782	1.1292
12052	2.60484	1.08428	1.08428	1.13044
12053	2.75536	1.14601	1.14601	1.23589

12054	2.75793	1.14249	1.14249	1.23616
12055	2.62419	0	0	0
12056	2.76462	1.13724	1.13724	1.19889
12057	2.7655	1.12783	1.12783	1.17456
12058	2.76682	1.12476	1.12476	1.1715
12059	2.76814	1.14809	1.14809	1.21857
12060	2.57655	0.89063	0.89063	0.92783
12061	2.57608	0	0	0
12062	2.50446	0	0	0
12063	2.67351	0.92838	0.92838	0.98586
12064	2.7063	0.95707	0.95707	1.02423
12065	2.7104	0.84062	0.84062	0.93858
12066	2.70446	0.17943	0.17943	0.27934
12067	2.71086	0.28037	0.28037	0.41151
12068	2.71785	0.60861	0.60861	0.84552
12069	2.71905	0.88031	0.88031	1.00552
12070	2.6934	0.82605	0.82605	0.96535
12071	2.68421	0.84271	0.84271	0.96278
12072	2.7053	0.85866	0.85866	0.9678
12073	2.79157	0.88559	0.88559	1.01714
12074	2.75393	0	0	0
12075	2.82514	0.91476	0.91476	1.10052
12076	2.81912	1.065	1.065	1.12026
12077	2.81858	1.04547	1.04547	1.06369
12078	2.81953	1.04124	1.04124	1.05013
12079	2.82091	1.06744	1.06744	1.19732
12080	2.82087	1.14942	1.14942	1.23105
12081	2.81094	0.92792	0.92792	0.98435
12082	2.80887	0.27915	0.27915	0.32508
12083	2.73025	0.83561	0.83561	0.79861
12084	2.78156	0.80994	0.80994	0.81674
12085	2.78132	0	0	0
12086	2.78079	0.87142	0.87142	0.85371
12087	2.8577	1.29851	1.29851	1.27807
12088	2.8578	1.31136	1.31136	1.31408
12089	2.8705	1.20441	1.20441	1.29166
12090	2.90553	1.18323	1.18323	1.21618
12091	2.8144	1.07337	1.07337	1.2406
12092	2.82198	1.02402	1.02402	1.16098
12093	2.61841	0.31202	0.31202	0.48905
12094	2.75225	1.01141	1.01141	1.13386

12095	2.7622	0.89813	0.89813	0.95159
12096	2.62339	0.83399	0.83399	0.84884
12097	2.56519	0	0	0
12098	2.72733	0.95385	0.95385	1.0434
12099	2.68248	0.92842	0.92842	1.00382
12100	2.63734	0.89168	0.89168	0.94736
12101	2.54553	0.83068	0.83068	0.84252
12102	2.50025	0	0	0
12103	2.51386	0	0	0
12104	2.57588	0.83391	0.83391	0.84908
12105	2.61185	0.89212	0.89212	0.94109
12106	2.73781	0.91438	0.91438	0.99402
12107	2.74208	0.841	0.841	0.87859
12108	2.68486	0	0	0
12109	2.77226	0.9281	0.9281	1.00928
12110	2.72358	0.89404	0.89404	0.96318
12111	2.67816	0.83622	0.83622	0.86559
12112	2.63704	0	0	0
12113	3.06318	1.15661	1.15661	1.05832
12114	3.0505	1.1625	1.1625	1.14548
12115	3.02086	1.16676	1.16676	1.1883
12116	2.97619	1.17283	1.17283	1.21847
12117	2.9073	1.18151	1.18151	1.22197
12118	2.89181	0.93284	0.93284	1.03193
12119	2.81066	0.898	0.898	0.96919
12120	2.69373	0.83774	0.83774	0.8636
12121	2.65726	0	0	0
12122	2.66011	0.89092	0.89092	0.9514
12123	2.63323	0.83435	0.83435	0.85658
12124	2.6156	0	0	0
12125	2.65305	0.92301	0.92301	0.99728
12126	2.57845	0.88766	0.88766	0.93991
12127	2.52969	0.8294	0.8294	0.83856
12128	2.48571	0	0	0
12129	2.80449	0	0	0
12130	2.84224	1.26499	1.26499	1.31312
12131	2.85928	1.2807	1.2807	1.3268
12132	2.83421	1.28111	1.28111	1.30857
12133	2.84887	1.2618	1.2618	1.32484
12134	2.8396	1.26466	1.26466	1.31518
12135	2.82907	1.26028	1.26028	1.30547

12136	2.83213	1.28229	1.28229	1.36451
12137	2.82449	1.28464	1.28464	1.36927
12138	2.80567	1.28429	1.28429	1.36024
12139	2.82564	1.26217	1.26217	1.32441
12140	2.86603	1.24845	1.24845	1.28276
12141	2.84452	1.25898	1.25898	1.31244
12142	2.81977	1.25861	1.25861	1.30452
12143	2.87917	1.2437	1.2437	1.28227
12144	2.86229	1.24785	1.24785	1.29232
12145	2.70023	0.92561	0.92561	1.00733
12146	2.70297	1.08237	1.08237	1.21379
12147	2.64223	1.05697	1.05697	1.15963
12148	2.62651	1.05091	1.05091	1.16166
12149	2.60274	1.04494	1.04494	1.15986
12150	2.58447	1.03803	1.03803	1.15741
12151	2.51011	0.91584	0.91584	0.96981
12152	2.50787	1.02759	1.02759	1.14068
12153	2.48007	0.88157	0.88157	0.90941
12154	2.45969	0.82437	0.82437	0.81131
12155	2.41036	0	0	0
12156	2.44135	0.9796	0.9796	1.06237
12157	2.36345	0	0	0
12158	2.41167	0.95024	0.95024	1.00458
12159	2.38315	0.92975	0.92975	0.96336
12160	2.36653	0.90522	0.90522	0.92128
12161	2.34604	0.87151	0.87151	0.8764
12162	2.32284	0.81422	0.81422	0.78378
12163	2.29342	0	0	0
12164	2.65868	0.891	0.891	0.9535
12165	2.58435	0.83115	0.83115	0.85145
12166	2.54585	0	0	0
12167	2.66598	0.83614	0.83614	0.86733
12168	2.58106	0	0	0
12169	2.70995	1.15848	1.15848	1.31292
12170	2.71523	1.12355	1.12355	1.2698
12171	2.63892	1.11722	1.11722	1.2567
12172	2.62592	1.10084	1.10084	1.23301
12173	2.62948	1.11442	1.11442	1.25837
12174	2.59751	1.09515	1.09515	1.22542
12175	2.55093	1.08867	1.08867	1.21701
12176	2.5448	0.87672	0.87672	0.92158

12177	2.52761	1.07555	1.07555	1.18979
12178	2.52927	1.07195	1.07195	1.19823
12179	2.52626	1.05445	1.05445	1.17993
12180	2.48492	1.04618	1.04618	1.16315
12181	2.45156	1.02697	1.02697	1.13324
12182	2.44688	1.03768	1.03768	1.14623
12183	2.43697	1.01937	1.01937	1.12464
12184	2.44277	1.00541	1.00541	1.10286
12185	2.40937	0.99436	0.99436	1.08133
12186	2.38097	0.98211	0.98211	1.05675
12187	2.38161	0.94396	0.94396	0.9827
12188	2.37828	0.92552	0.92552	0.96371
12189	2.358	0.90122	0.90122	0.93023
12190	2.34376	0.86743	0.86743	0.88011
12191	2.3329	0.81052	0.81052	0.78672
12192	2.32507	0	0	0
12193	2.39267	0.75415	0.75415	0.7233
12194	2.35618	0	0	0
12195	2.36002	0.3804	0.3804	0.39166
12196	2.37832	0.75507	0.75507	0.74334
12197	2.5263	0	0	0
12198	2.53459	0.9912	0.9912	1.11029
12199	2.53358	0.97363	0.97363	1.08481
12200	2.5328	0.82818	0.82818	0.84189
12201	2.44142	0	0	0
12202	2.47039	0.8809	0.8809	0.91794
12203	2.44255	0.82296	0.82296	0.81817
12204	2.39855	0	0	0
12205	2.47888	0.53661	0.53661	0.90619
12206	2.47595	0.53964	0.53964	0.90538
12207	2.49706	0.76592	0.76592	0.93455
12208	2.50073	0.82017	0.82017	0.95738
12209	2.46383	0.53986	0.53986	0.87494
12210	2.53882	1.01898	1.01898	1.12667
12211	2.54688	1.00209	1.00209	1.11829
12212	2.45373	0	0	0
12213	2.57586	1.02863	1.02863	1.13121
12214	2.57483	1.0475	1.0475	1.1588
12215	2.58915	1.05411	1.05411	1.15877
12216	2.59708	1.05835	1.05835	1.15411
12217	2.48232	0.82649	0.82649	0.83008

12218	2.45186	0	0	0
12219	2.46347	0.88004	0.88004	0.91437
12220	2.44054	0.82231	0.82231	0.81579
12221	2.42136	0	0	0
12222	2.37696	0	0	0
12223	2.41915	0.8226	0.8226	0.81359
12224	2.47584	0.8826	0.8826	0.91807
12225	2.52636	0.91845	0.91845	0.98389
12226	2.64876	0.83394	0.83394	0.85998
12227	2.59867	0	0	0
12228	2.68003	0.98372	0.98372	1.08227
12229	2.62123	0.9667	0.9667	1.04935
12230	2.55174	0.94529	0.94529	1.01565
12231	2.50728	0.91995	0.91995	0.97503
12232	2.45397	0.88425	0.88425	0.91549
12233	2.42883	0.82606	0.82606	0.8218
12234	2.40735	0	0	0
12235	2.37374	0	0	0
12236	2.4162	0.82121	0.82121	0.8138
12237	2.4745	0.88036	0.88036	0.9205
12238	2.49146	0.91416	0.91416	0.97724
12239	2.49143	0.95533	0.95533	1.04604
12240	2.40702	0	0	0
12241	2.53708	0.97257	0.97257	1.07453
12242	2.55745	1.05203	1.05203	1.18024
12243	2.56734	0.98621	0.98621	1.07151
12244	2.61461	1.05981	1.05981	1.19452
12245	2.63721	1.06566	1.06566	1.19879
12246	2.63849	1.07389	1.07389	1.21235
12247	2.6372	1.08526	1.08526	1.23137
12248	2.32739	0	0	0
12249	2.3533	0.81565	0.81565	0.7865
12250	2.39989	0.87465	0.87465	0.8873
12251	2.4177	0.90855	0.90855	0.94208
12252	2.48663	0.88072	0.88072	0.91421
12253	2.47355	0.93549	0.93549	0.99696
12254	2.45561	0.82324	0.82324	0.81748
12255	2.39062	0	0	0
12256	2.57456	0	0	0
12257	2.51749	0.82662	0.82662	0.83362
12258	2.47831	0	0	0

12259	2.68075	1.09124	1.09124	1.24152
12260	2.69372	1.0953	1.0953	1.23643
12261	2.67056	1.1329	1.1329	1.28057
12262	2.68977	1.13632	1.13632	1.2795
12263	2.72497	1.1404	1.1404	1.28257
12264	2.5987	0	0	0
12265	2.60835	0.83276	0.83276	0.85284
12266	2.54917	1.01066	1.01066	1.1223
12267	2.55304	0.97963	0.97963	1.07965
12268	2.48029	0	0	0
12269	2.47814	0.82486	0.82486	0.82536
12270	2.4305	0.23596	0.23596	0.36504
12271	2.53312	0.95781	0.95781	1.041
12272	2.53449	0.82809	0.82809	0.84179
12273	2.4835	0	0	0
12274	2.5028	0.88186	0.88186	0.91765
12275	2.49203	0.82531	0.82531	0.83102
12276	2.4423	0	0	0
12277	2.68745	0.89414	0.89414	0.94786
12278	2.67969	0.11316	0.11316	0.17629
12279	2.63288	0.83349	0.83349	0.85454
12280	2.55836	0	0	0
12281	2.68293	0.83617	0.83617	0.86443
12282	2.60128	0	0	0
12283	2.91215	1.24549	1.24549	1.30794
12284	2.70076	1.0566	1.0566	1.10762
12285	2.79305	1.24498	1.24498	1.31217
12286	2.82133	1.2482	1.2482	1.30366
12287	2.87103	1.24827	1.24827	1.31331
12288	2.75062	1.05593	1.05593	1.08486
12289	2.84385	1.2326	1.2326	1.37843
12290	2.81259	1.2347	1.2347	1.35289
12291	2.78181	1.23324	1.23324	1.26026
12292	2.71426	0.99614	0.99614	1.12629
12293	2.63273	0.98019	0.98019	1.09701
12294	2.61277	0	0	0
12295	2.6052	0.92258	0.92258	1.00716
12296	2.60219	0.96424	0.96424	1.07142
12297	2.47344	0	0	0
12298	2.48266	0.82669	0.82669	0.83475
12299	2.45589	0	0	0

12300	2.37974	0	0	0
12301	2.40089	0.80203	0.80203	0.81128
12302	2.36193	0.91327	0.91327	0.98949
12303	2.3445	0.95791	0.95791	1.0552
12304	2.3538	0.97079	0.97079	1.06293
12305	2.34953	0.98113	0.98113	1.06287
12306	2.31198	0.79956	0.79956	0.76226
12307	2.28986	0	0	0
12308	2.34767	0.79973	0.79973	0.79502
12309	2.3261	0	0	0
12310	2.37032	0	0	0
12311	2.386	0.80689	0.80689	0.79607
12312	2.39757	0.86435	0.86435	0.9006
12313	2.39579	1.02161	1.02161	1.14794
12314	2.40445	0.89796	0.89796	0.96291
12315	2.40146	1.02809	1.02809	1.14239
12316	2.37891	1.04218	1.04218	1.11424
12317	2.39257	1.04952	1.04952	1.11413
12318	2.34565	0.80703	0.80703	0.7767
12319	2.31936	0	0	0
12320	2.43417	0.87701	0.87701	1.15431
12321	2.43818	1.05783	1.05783	1.08419
12322	2.43587	0.86558	0.86558	1.14666
12323	2.44504	0.87265	0.87265	1.15021
12324	2.45769	0.89176	0.89176	1.15512
12325	2.47674	0.9576	0.9576	1.17992
12326	2.47758	0.90858	0.90858	1.169
12327	2.40016	0.81537	0.81537	0.81673
12328	2.37977	0	0	0
12329	2.71269	0.85641	0.85641	1.16397
12330	2.69601	1.04874	1.04874	1.22665
12331	2.62792	1.03809	1.03809	1.21281
12332	2.58466	1.02827	1.02827	1.20027
12333	2.56424	1.01949	1.01949	1.19392
12334	2.51598	1.00721	1.00721	1.17633
12335	2.47951	0.99431	0.99431	1.16781
12336	2.47292	0.98317	0.98317	1.16324
12337	2.47255	0.97065	0.97065	1.16979
12338	2.673	0.893	0.893	0.95813
12339	2.5696	0.83179	0.83179	0.84759
12340	2.52309	0	0	0

12341	2.64575	0.98476	0.98476	1.09085
12342	2.58259	0.96692	0.96692	1.05287
12343	2.56022	0.94714	0.94714	1.01836
12344	2.53985	0.92224	0.92224	0.97915
12345	2.52321	0.88828	0.88828	0.93261
12346	2.47726	0.8286	0.8286	0.8348
12347	2.4508	0	0	0
12348	2.66415	0.92734	0.92734	1.02305
12349	2.61885	0.8918	0.8918	0.95612
12350	2.56036	0.83203	0.83203	0.85121
12351	2.50977	0	0	0
12352	2.77852	1.05092	1.05092	1.2165
12353	2.67223	0.75578	0.75578	1.0878
12354	2.79743	1.04494	1.04494	1.24221
12355	2.72631	0.89508	0.89508	0.98338
12356	2.72545	1.03598	1.03598	1.22841
12357	2.68801	0.8365	0.8365	0.86823
12358	2.6665	0	0	0
12359	2.80165	1.18295	1.18295	1.3321
12360	2.82119	1.19378	1.19378	1.35712
12361	2.82918	1.19818	1.19818	1.36723
12362	2.81631	1.21681	1.21681	1.37572
12363	2.82559	1.21765	1.21765	1.34997
12364	2.73127	1.17368	1.17368	1.29129
12365	2.74617	1.18131	1.18131	1.31123
12366	2.68759	1.16968	1.16968	1.27673
12367	2.66616	1.1674	1.1674	1.26941
12368	2.61788	1.16522	1.16522	1.25204
12369	2.57662	1.16365	1.16365	1.22885
12370	2.56366	1.14619	1.14619	1.1807
12371	2.57156	1.15986	1.15986	1.22315
12372	2.54356	1.12526	1.12526	1.21511
12373	2.56526	1.14179	1.14179	1.21543
12374	2.5517	0.80257	0.80257	1.01756
12375	2.61945	0.89298	0.89298	0.96376
12376	2.60737	0.95004	0.95004	1.05366
12377	2.54401	0.83232	0.83232	0.85202
12378	2.47976	0	0	0
12379	2.55477	0	0	0
12380	2.66315	0.9265	0.9265	1.01386
12381	2.6618	0.89229	0.89229	0.96737

12382	2.61802	0.83385	0.83385	0.86859
12383	2.55057	0	0	0
12384	2.5354	0.99012	0.99012	1.11043
12385	2.48904	0.97501	0.97501	1.07159
12386	2.43645	0.95621	0.95621	1.03032
12387	2.42938	0.93771	0.93771	1.00527
12388	2.40177	0.91197	0.91197	0.96885
12389	2.36552	0.87581	0.87581	0.89898
12390	2.33463	0.81704	0.81704	0.7904
12391	2.30277	0	0	0
12392	2.68349	1.07762	1.07762	1.25317
12393	2.65066	1.03708	1.03708	1.18888
12394	2.64216	1.07075	1.07075	1.24454
12395	2.55868	0.94424	0.94424	1.04417
12396	2.50807	0.9177	0.9177	0.99596
12397	2.46804	0.88229	0.88229	0.92791
12398	2.41291	0.82221	0.82221	0.8176
12399	2.39132	0	0	0
12400	2.62659	1.02827	1.02827	1.17946
12401	2.59155	1.01858	1.01858	1.16409
12402	2.56467	1.00832	1.00832	1.14619
12403	2.54117	0.99798	0.99798	1.1343
12404	2.53695	0.94117	0.94117	1.03142
12405	2.49128	0.88306	0.88306	0.93496
12406	2.47267	0.82545	0.82545	0.83472
12407	2.455	0	0	0
12408	2.49466	0.91564	0.91564	0.97189
12409	2.46383	0.88058	0.88058	0.91463
12410	2.44822	0.82258	0.82258	0.8231
12411	2.39634	0	0	0
12412	2.66406	1.00738	1.00738	1.15768
12413	2.64668	0.89162	0.89162	0.96642
12414	2.63187	0.99476	0.99476	1.13374
12415	2.57491	0.83185	0.83185	0.85827
12416	2.5374	0	0	0
12417	2.60676	0.92335	0.92335	1.01027
12418	2.57301	0.88848	0.88848	0.95359
12419	2.51477	0.82951	0.82951	0.84703
12420	2.4438	0	0	0
12421	2.3341	0.81277	0.81277	0.78473
12422	2.30947	0	0	0

12423	2.42861	1.0631	1.0631	1.07595
12424	2.44257	1.06537	1.06537	1.10167
12425	2.46415	1.06833	1.06833	1.13664
12426	2.47397	1.07558	1.07558	1.16484
12427	2.49006	1.08203	1.08203	1.18112
12428	2.47417	0.82426	0.82426	0.99205
12429	2.46431	1.10071	1.10071	1.15575
12430	2.54654	0.83239	0.83239	0.83425
12431	2.53601	0	0	0
12432	2.4648	1.11194	1.11194	1.07144
12433	2.52324	1.11388	1.11388	1.08738
12434	2.47077	0.76729	0.76729	0.95704
12435	2.4894	0.49606	0.49606	0.93941
12436	2.50436	0.48433	0.48433	0.9229
12437	2.55633	0.77008	0.77008	0.93333
12438	2.69591	0.85847	0.85847	0.89511
12439	2.52429	0.40026	0.40026	0.72743
12440	2.54479	0.33116	0.33116	0.64531
12441	2.55262	0.76603	0.76603	0.59958
12442	2.60155	0.82468	0.82468	0.73824
12443	2.60784	0	0	0
12444	2.61976	0.83415	0.83415	0.83892
12445	2.75699	0.8957	0.8957	1.002
12446	2.7504	0.96003	0.96003	1.12007
12447	2.68442	0.99109	0.99109	1.14711
12448	2.82584	1.02087	1.02087	1.24105
12449	2.57424	1.03093	1.03093	1.08094
12450	2.60526	1.14614	1.14614	1.11413
12451	2.6771	1.15043	1.15043	1.11589
12452	2.5669	0	0	0
12453	2.78082	0	0	0
12454	2.82158	1.16105	1.16105	1.14556
12455	2.79654	0.84647	0.84647	0.85515
12456	3.02237	1.159	1.159	1.17087
12457	3.06653	1.15697	1.15697	1.11229
12458	2.49745	0.98069	0.98069	0.9853
12459	2.56139	0.97713	0.97713	1.08415
12460	2.56213	0.96106	0.96106	1.0695
12461	2.45544	0	0	0
12462	2.50962	0.82624	0.82624	0.83869
12463	2.45712	0.88001	0.88001	0.91467

12464	2.41896	0.81901	0.81901	0.81229
12465	2.41038	0	0	0
12466	2.47102	0.99311	0.99311	1.09956
12467	2.45012	0.98036	0.98036	1.07847
12468	2.45439	0.92371	0.92371	0.98996
12469	2.36052	0.11236	0.11236	0.18105
12470	2.44266	0.87881	0.87881	0.91426
12471	2.42872	0.82102	0.82102	0.82215
12472	2.39667	0	0	0
12473	2.39279	0.81859	0.81859	0.80714
12474	2.40348	0.14581	0.14581	0.21306
12475	2.38872	0	0	0
12476	2.5433	1.12195	1.12195	1.21204
12477	2.5292	1.11874	1.11874	1.20108
12478	2.51132	1.116	1.116	1.18829
12479	2.48105	1.1135	1.1135	1.20455
12480	2.50584	1.11448	1.11448	1.17972
12481	2.31498	0	0	0
12482	2.30357	0.81771	0.81771	0.73131
12483	2.30197	0.87394	0.87394	0.82973
12484	2.30394	0.9075	0.9075	0.87888
12485	2.31839	0.93272	0.93272	0.91419
12486	2.36298	0	0	0
12487	2.28824	0	0	0
12488	2.30191	0.8195	0.8195	0.76522
12489	2.33036	0.9121	0.9121	0.91773
12490	2.3354	0	0	0
12491	2.34065	0.93657	0.93657	0.95719
12492	2.34503	0.95528	0.95528	0.9761
12493	2.39175	1.00795	1.00795	1.05356
12494	2.38717	1.02442	1.02442	1.07907
12495	2.39443	1.06443	1.06443	1.14308
12496	2.34851	0.8807	0.8807	0.85302
12497	2.34609	0.99285	0.99285	1.0207
12498	2.41878	1.07256	1.07256	1.1335
12499	2.4881	1.07944	1.07944	1.16326
12500	2.35472	0	0	0
12501	2.36158	0.8318	0.8318	0.79341
12502	2.37865	0.89068	0.89068	0.88062
12503	2.39818	0.92618	0.92618	0.93199
12504	2.34685	0.82381	0.82381	0.76867

12505	2.35235	0	0	0
12506	2.44979	1.07063	1.07063	1.18706
12507	2.4519	1.06641	1.06641	1.18791
12508	2.45488	1.03427	1.03427	1.14351
12509	2.44508	1.02488	1.02488	1.14158
12510	2.4476	0.89824	0.89824	0.94249
12511	2.36661	0.27877	0.27877	0.45924
12512	2.42279	0.82422	0.82422	0.81685
12513	2.39834	0	0	0
12514	2.4026	0.93581	0.93581	0.99742
12515	2.40228	0.96885	0.96885	1.05064
12516	2.40207	0.98137	0.98137	1.06884
12517	2.34955	0	0	0
12518	2.36085	0.90864	0.90864	0.9455
12519	2.34131	0.87447	0.87447	0.87454
12520	2.31142	0.81525	0.81525	0.77529
12521	2.29248	0	0	0
12522	2.40185	0.93773	0.93773	0.99212
12523	2.40426	0.82487	0.82487	0.80942
12524	2.35436	0	0	0
12525	2.35629	0	0	0
12526	2.36446	0	0	0
12527	2.40887	0.41476	0.41476	0.66816
12528	2.44642	0.91773	0.91773	0.9551
12529	2.44317	0.8827	0.8827	0.90769
12530	2.418	0.82437	0.82437	0.81462
12531	2.39745	0	0	0
12532	2.43932	0.94536	0.94536	1.00874
12533	2.4453	0.83169	0.83169	0.8231
12534	2.39529	0	0	0
12535	2.39676	0.82808	0.82808	0.81882
12536	2.37957	0	0	0
12537	2.45295	0	0	0
12538	2.44716	1.01584	1.01584	1.16121
12539	2.47809	1.03745	1.03745	1.17567
12540	2.48324	1.13836	1.13836	1.1623
12541	2.47637	1.15342	1.15342	1.15156
12542	2.44068	1.14496	1.14496	1.13685
12543	2.42062	1.13754	1.13754	1.11672
12544	2.42328	1.12399	1.12399	1.07844
12545	2.42279	1.12136	1.12136	1.0817

12546	2.37143	0.94997	0.94997	0.96695
12547	2.34938	0.92361	0.92361	0.92774
12548	2.31406	0.88574	0.88574	0.86808
12549	2.30583	0.82809	0.82809	0.78345
12550	2.29094	0	0	0
12551	2.42906	1.00469	1.00469	1.1569
12552	2.41942	0.9958	0.9958	1.153
12553	2.41235	0.9863	0.9863	1.1502
12554	2.44189	1.1102	1.1102	1.14338
12555	2.44135	0.83632	0.83632	0.856
12556	2.45279	1.10461	1.10461	1.14417
12557	2.4765	1.10042	1.10042	1.14978
12558	2.52702	1.08473	1.08473	1.20317
12559	2.40509	0	0	0
12560	2.37817	0	0	0
12561	2.53989	1.08165	1.08165	1.19446
12562	2.55823	1.07882	1.07882	1.19504
12563	2.55163	1.03496	1.03496	1.26658
12564	2.55453	1.03997	1.03997	1.25364
12565	2.57605	1.04737	1.04737	1.24368
12566	2.59442	1.05306	1.05306	1.24376
12567	2.70276	1.306	1.306	1.21078
12568	2.71474	1.30677	1.30677	1.22753
12569	2.48658	1.09736	1.09736	1.23758
12570	2.48247	0.95234	0.95234	1.0047
12571	2.30751	0	0	0
12572	2.32618	0.81933	0.81933	0.7867
12573	2.3424	0.87662	0.87662	0.87171
12574	2.38055	0.91305	0.91305	0.92583
12575	2.41145	0.93878	0.93878	0.96103
12576	2.47202	1.00394	1.00394	1.1757
12577	2.46662	0.99161	0.99161	1.16918
12578	2.46673	0.88566	0.88566	1.16697
12579	2.45926	0.86311	0.86311	1.16863
12580	2.46481	0.85679	0.85679	1.16822
12581	2.47391	0.87211	0.87211	1.17451
12582	2.47589	0.96925	0.96925	1.18255
12583	2.50154	0.98561	0.98561	1.15125
12584	2.49821	0.98301	0.98301	1.19344
12585	2.52214	1.06584	1.06584	1.20049
12586	2.48698	1.01053	1.01053	1.01968

12587	2.54597	1.07159	1.07159	1.21116
12588	2.41786	0.91335	0.91335	0.94415
12589	2.39493	0.87881	0.87881	0.88972
12590	2.36799	0.82071	0.82071	0.80271
12591	2.35617	0	0	0
12592	2.4758	0.79022	0.79022	1.03732
12593	2.47931	1.00909	1.00909	1.11162
12594	2.49341	1.00627	1.00627	1.10609
12595	2.49799	0.87743	0.87743	1.00306
12596	2.49445	0.58272	0.58272	0.75883
12597	2.41438	0.98165	0.98165	1.04202
12598	2.4186	0.91363	0.91363	0.94778
12599	2.41074	0.88008	0.88008	0.89964
12600	2.38569	0.82222	0.82222	0.8112
12601	2.3597	0	0	0
12602	2.39161	0.878	0.878	0.8755
12603	2.36036	0.81971	0.81971	0.79852
12604	2.31774	0	0	0
12605	2.50622	0.8299	0.8299	0.79591
12606	2.52139	0	0	0
12607	2.53423	0.97196	0.97196	1.04524
12608	2.52688	0.91913	0.91913	0.9962
12609	2.55388	0.986	0.986	1.0628
12610	2.60378	0.92493	0.92493	0.99662
12611	2.5824	0.99795	0.99795	1.08429
12612	2.59244	1.08093	1.08093	1.22667
12613	2.6548	1.08709	1.08709	1.24853
12614	2.67627	1.12773	1.12773	1.30709
12615	2.68436	1.14996	1.14996	1.324
12616	2.73949	1.15222	1.15222	1.3284
12617	2.81223	1.1543	1.1543	1.33568
12618	2.82556	1.16172	1.16172	1.34461
12619	2.82696	1.18185	1.18185	1.36022
12620	2.82822	1.19566	1.19566	1.37452
12621	2.65583	1.02782	1.02782	1.13857
12622	2.6082	1.01741	1.01741	1.11654
12623	2.55662	1.00593	1.00593	1.0915
12624	2.55521	0.98617	0.98617	1.06508
12625	2.49652	0.97116	0.97116	1.03871
12626	2.46402	0.95506	0.95506	1.01634
12627	2.45095	0.93717	0.93717	0.9907

12628	2.40667	0.91092	0.91092	0.94427
12629	2.38472	0.87598	0.87598	0.88758
12630	2.35603	0.81811	0.81811	0.7969
12631	2.33862	0	0	0
12632	2.5478	0.88886	0.88886	0.93197
12633	2.52578	0.83147	0.83147	0.8409
12634	2.47881	0	0	0
12635	2.56573	1.01266	1.01266	1.16121
12636	2.54532	0.89014	0.89014	0.94202
12637	2.54363	0.96447	0.96447	1.12542
12638	2.54231	1.00178	1.00178	1.15243
12639	2.49899	0.83078	0.83078	0.84179
12640	2.45386	0	0	0
12641	2.45838	0	0	0
12642	2.49253	0.83079	0.83079	0.84097
12643	2.47402	0.86526	0.86526	1.04662
12644	2.45527	0.83667	0.83667	1.03258
12645	2.42853	0.79547	0.79547	0.9998
12646	2.41153	0.72364	0.72364	0.98664
12647	2.39675	0.7339	0.7339	1.03514
12648	2.39878	0.80333	0.80333	1.02978
12649	2.4167	0.84375	0.84375	1.04476
12650	2.42506	0.87068	0.87068	1.04609
12651	2.53689	0.89448	0.89448	1.12746
12652	2.5772	0.91289	0.91289	1.14143
12653	2.62422	0.92852	0.92852	1.14043
12654	2.61199	1.0473	1.0473	1.17093
12655	2.61542	0.96865	0.96865	1.11759
12656	2.63141	0.93959	0.93959	1.11262
12657	2.66522	1.04037	1.04037	1.13105
12658	2.57272	1.02933	1.02933	1.10251
12659	2.49416	1.0188	1.0188	1.08622
12660	2.43391	1.0086	1.0086	1.07219
12661	2.39455	0.99681	0.99681	1.05202
12662	2.38193	0.98604	0.98604	1.03888
12663	2.34799	0.97195	0.97195	1.01386
12664	2.34181	0.95913	0.95913	0.99792
12665	2.31719	0.94267	0.94267	0.97249
12666	2.30296	0.92358	0.92358	0.94366
12667	2.28596	0.89861	0.89861	0.90113
12668	2.27916	0.86549	0.86549	0.85089

12669	2.26969	0.8094	0.8094	0.76134
12670	2.25386	0	0	0
12671	2.47713	0	0	0
12672	2.68449	0.92651	0.92651	1.0025
12673	2.60335	0.89	0.89	0.93649
12674	2.56232	0.83197	0.83197	0.84215
12675	2.48502	0	0	0
12676	2.55238	0.82086	0.82086	0.84823
12677	2.51138	0.76299	0.76299	0.74483
12678	2.48911	0.19257	0.19257	0.31614
12679	2.46274	0.89438	0.89438	0.93865
12680	2.46343	0.21724	0.21724	0.36182
12681	2.49907	0.92389	0.92389	0.98985
12682	2.53959	0.9463	0.9463	1.02604
12683	2.53855	0.97611	0.97611	1.07212
12684	2.57627	0.9919	0.9919	1.09861
12685	2.64785	1.00541	1.00541	1.13303
12686	2.64588	1.02969	1.02969	1.17192
12687	2.6433	1.04246	1.04246	1.18984
12688	2.64231	1.05874	1.05874	1.21539
12689	2.64337	1.06792	1.06792	1.2279
12690	2.6435	1.07603	1.07603	1.23432
12691	2.64566	1.08537	1.08537	1.23862
12692	2.46179	0	0	0
12693	2.53711	0.82782	0.82782	0.83863
12694	2.52381	0	0	0
12695	2.40521	0.81881	0.81881	0.79903
12696	2.36863	0	0	0
12697	2.53882	0.82815	0.82815	0.83821
12698	2.46088	0	0	0
12699	2.53976	0	0	0
12700	2.53961	0	0	0
12701	2.53595	0	0	0
12702	2.69712	1.09165	1.09165	1.23279
12703	2.69193	1.09815	1.09815	1.22925
12704	2.73846	1.10358	1.10358	1.23045
12705	2.74274	1.14046	1.14046	1.27115
12706	2.74941	1.10711	1.10711	1.22469
12707	2.59403	0	0	0
12708	2.39094	0	0	0
12709	2.41009	0.82024	0.82024	0.81194

12710	2.4098	0	0	0
12711	2.46683	0.91225	0.91225	0.95396
12712	2.46607	0.96784	0.96784	1.03251
12713	2.46431	1.00018	1.00018	1.07886
12714	2.50184	1.01154	1.01154	1.09901
12715	2.53648	1.0214	1.0214	1.11238
12716	2.6287	1.03402	1.03402	1.13919
12717	2.40381	0.81963	0.81963	0.80835
12718	2.38345	0	0	0
12719	2.42636	0.82157	0.82157	0.81151
12720	2.4138	0	0	0
12721	2.32414	0	0	0
12722	2.3396	0.8112	0.8112	0.79281
12723	2.37112	0.86876	0.86876	0.88412
12724	2.40201	0.90332	0.90332	0.93731
12725	2.44002	0.9284	0.9284	0.97651
12726	2.48112	0.94913	0.94913	1.01279
12727	2.4943	0.96603	0.96603	1.03646
12728	2.49135	1.02156	1.02156	1.12503
12729	2.48979	1.03379	1.03379	1.14143
12730	2.38287	0	0	0
12731	2.39957	0.81663	0.81663	0.81256
12732	2.37819	0	0	0
12733	2.42998	0.92953	0.92953	0.98658
12734	2.4305	0.81912	0.81912	0.82182
12735	2.44126	0	0	0
12736	2.51051	1.04063	1.04063	1.14965
12737	2.54998	0	0	0
12738	2.57909	0.82799	0.82799	0.84915
12739	2.62867	0.88569	0.88569	0.94509
12740	2.67078	0.92005	0.92005	1.005
12741	2.66377	0.97572	0.97572	1.08261
12742	2.57691	1.05028	1.05028	1.16872
12743	2.56292	0.82668	0.82668	0.84486
12744	2.54126	0	0	0
12745	2.7288	1.09162	1.09162	1.24934
12746	2.73096	0.84848	0.84848	1.07292
12747	2.69541	0.828	0.828	1.04861
12748	2.69311	0.90886	0.90886	1.04751
12749	2.69014	0.80777	0.80777	0.98883
12750	2.68375	0.83487	0.83487	0.98652

12751	2.7371	0.8659	0.8659	0.99716
12752	2.80449	0.9056	0.9056	0.96089
12753	2.81214	0.89145	0.89145	1.01817
12754	2.8839	1.0324	1.0324	1.1613
12755	2.87858	1.06067	1.06067	1.19844
12756	2.7874	0.64258	0.64258	0.92859
12757	2.79079	1.02008	1.02008	1.14072
12758	2.74562	1.00802	1.00802	1.12309
12759	2.75286	0.93166	0.93166	0.99571
12760	2.59211	0.89184	0.89184	0.93122
12761	2.53922	0.83246	0.83246	0.83996
12762	2.50309	0	0	0
12763	2.64793	0.89507	0.89507	0.94332
12764	2.60098	0.83635	0.83635	0.85447
12765	2.54252	0	0	0
12766	2.62693	0	0	0
12767	2.64967	0.83177	0.83177	0.86653
12768	2.76629	0.92918	0.92918	1.06772
12769	2.76608	0.89885	0.89885	1.07653
12770	2.85793	0.84574	0.84574	0.87777
12771	2.80978	1.01876	1.01876	1.1392
12772	2.81085	0.95422	0.95422	1.0895
12773	2.78148	0	0	0
12774	2.44292	0	0	0
12775	2.53122	0.82766	0.82766	0.83809
12776	2.57439	0.88629	0.88629	0.93118
12777	2.62982	0.9215	0.9215	0.99003
12778	2.64035	0.52557	0.52557	0.79681
12779	2.63942	0.9199	0.9199	0.95366
12780	2.73018	0.94845	0.94845	1.00668
12781	2.78039	0.96914	0.96914	1.0405
12782	2.54502	0.82837	0.82837	0.8407
12783	2.51733	0	0	0
12784	2.42949	0	0	0
12785	2.4518	0.8251	0.8251	0.82255
12786	2.48322	0.88286	0.88286	0.91393
12787	2.55498	1.03163	1.03163	1.14834
12788	2.55402	0.9197	0.9197	0.97888
12789	2.48783	0.98366	0.98366	1.06558
12790	2.42876	0	0	0
12791	2.42913	0.9668	0.9668	1.03142

12792	2.39916	0.93159	0.93159	0.97385
12793	2.38261	0.90716	0.90716	0.9355
12794	2.35944	0.87265	0.87265	0.88122
12795	2.34009	0.8158	0.8158	0.79276
12796	2.31894	0	0	0
12797	2.57968	1.03921	1.03921	1.15864
12798	2.62117	1.04897	1.04897	1.17378
12799	2.61914	1.08183	1.08183	1.22489
12800	2.3415	0	0	0
12801	2.37294	0.81838	0.81838	0.80596
12802	2.40308	0.87656	0.87656	0.89621
12803	2.44728	0.91225	0.91225	0.95509
12804	2.47204	0.93699	0.93699	0.99674
12805	2.50561	0.95921	0.95921	1.03236
12806	2.83176	0.83726	0.83726	0.89047
12807	2.79677	0	0	0
12808	2.80231	0.78051	0.78051	0.81776
12809	2.74366	0.51208	0.51208	0.67254
12810	2.72781	1.09286	1.09286	1.25522
12811	2.7255	0.49904	0.49904	0.69775
12812	2.82049	0.7825	0.7825	1.10407
12813	2.8201	1.1003	1.1003	1.2765
12814	2.6835	0.93309	0.93309	1.02081
12815	2.64003	0.91826	0.91826	0.99344
12816	2.63847	0.86168	0.86168	0.90028
12817	2.57689	0.82588	0.82588	0.83964
12818	2.52281	0.7666	0.7666	0.74969
12819	2.474	0	0	0
12820	2.48612	0.26306	0.26306	0.31131
12821	2.53294	0.76758	0.76758	0.75467
12822	2.36412	0	0	0
12823	2.38222	0.82855	0.82855	0.79175
12824	2.39018	0.88586	0.88586	0.87707
12825	2.45954	0.91938	0.91938	0.97925
12826	2.48069	0.94412	0.94412	1.01446
12827	2.49142	0.96176	0.96176	1.01084
12828	2.50633	0.97685	0.97685	1.01041
12829	2.54999	0	0	0
12830	2.57097	1.26965	1.26965	1.2167
12831	2.54367	1.26423	1.26423	1.17615
12832	2.60269	1.26999	1.26999	1.22408

12833	2.65283	1.27138	1.27138	1.22901
12834	2.70396	1.2741	1.2741	1.23939
12835	2.72613	1.27612	1.27612	1.24031
12836	2.74932	1.27984	1.27984	1.25624
12837	2.80149	1.28205	1.28205	1.26013
12838	2.79959	1.28761	1.28761	1.30629
12839	2.8562	1.28866	1.28866	1.31764
12840	2.87251	1.29585	1.29585	1.37442
12841	2.94626	1.29678	1.29678	1.36698
12842	2.96433	1.29596	1.29596	1.36748
12843	2.97164	1.31683	1.31683	1.41826
12844	3.00751	1.3198	1.3198	1.42467
12845	2.86759	0.94639	0.94639	1.24498
12846	2.87105	0.95082	0.95082	1.2856
12847	2.868	0.95214	0.95214	1.2822
12848	2.867	1.10996	1.10996	1.28258
12849	2.87083	1.11473	1.11473	1.27368
12850	2.86608	1.12125	1.12125	1.26633
12851	2.87536	1.12447	1.12447	1.26312
12852	2.89244	1.12844	1.12844	1.25966
12853	2.89057	1.19301	1.19301	1.29173
12854	2.70225	0.83623	0.83623	0.86441
12855	2.59424	0	0	0
12856	2.92561	1.19483	1.19483	1.2879
12857	2.91918	1.19828	1.19828	1.27364
12858	2.88368	1.21379	1.21379	1.19206
12859	2.75575	0.38601	0.38601	0.57678
12860	2.77126	0.8728	0.8728	0.97939
12861	2.77258	0.91019	0.91019	1.00664
12862	2.78438	0.6782	0.6782	0.84375
12863	2.74215	0.66835	0.66835	0.88965
12864	2.83331	0	0	0
12865	2.7882	0.6932	0.6932	0.85878
12866	2.59262	0	0	0
12867	2.64939	0.83685	0.83685	0.85642
12868	2.74263	0.89697	0.89697	0.95128
12869	2.8282	0.93289	0.93289	1.00693
12870	2.8282	0.96389	0.96389	1.03274
12871	2.82858	0.98063	0.98063	1.0602
12872	2.82968	0.63977	0.63977	0.85093
12873	2.80101	0.95314	0.95314	1.03607

12874	2.76191	0.92872	0.92872	0.99871
12875	2.69394	0.89338	0.89338	0.9444
12876	2.64046	0.83495	0.83495	0.85613
12877	2.57667	0	0	0
12878	2.89833	1.21429	1.21429	1.20343
12879	2.94495	1.2091	1.2091	1.23582
12880	2.86301	1.20976	1.20976	1.19044
12881	2.85976	1.20795	1.20795	1.17507
12882	2.84541	1.26997	1.26997	1.28304
12883	2.87387	1.27061	1.27061	1.27397
12884	2.85007	1.26728	1.26728	1.25694
12885	2.85894	1.26687	1.26687	1.26163
12886	2.81007	1.27472	1.27472	1.27948
12887	2.80374	1.24134	1.24134	1.27548
12888	2.78618	1.2646	1.2646	1.27904
12889	2.77508	1.26938	1.26938	1.27766
12890	2.76696	1.18961	1.18961	1.16088
12891	2.74414	1.19036	1.19036	1.16955
12892	2.73294	1.19282	1.19282	1.17867
12893	2.78925	1.22774	1.22774	1.27921
12894	2.78459	1.23619	1.23619	1.29099
12895	2.78266	1.23843	1.23843	1.28848
12896	2.78127	1.22493	1.22493	1.31393
12897	2.65983	0.91967	0.91967	0.9818
12898	2.5964	0.88421	0.88421	0.9226
12899	2.56754	0.82703	0.82703	0.83913
12900	2.5147	0	0	0
12901	2.75202	0.98775	0.98775	1.09483
12902	2.62016	0.96844	0.96844	1.05083
12903	2.54985	0.94637	0.94637	1.00577
12904	2.52252	0.92175	0.92175	0.97239
12905	2.49418	0.8878	0.8878	0.92124
12906	2.45925	0.82955	0.82955	0.82784
12907	2.43656	0	0	0
12908	2.72063	1.0503	1.0503	1.19577
12909	2.72659	1.09487	1.09487	1.27004
12910	2.72876	1.10145	1.10145	1.27709
12911	2.55978	0.42494	0.42494	0.67345
12912	2.64468	1.03646	1.03646	1.1648
12913	2.56891	1.02422	1.02422	1.13613
12914	2.57211	0.83621	0.83621	0.84883

12915	2.50559	0	0	0
12916	2.65634	0.84099	0.84099	0.86767
12917	2.6564	0.98795	0.98795	1.09659
12918	2.66039	1.00033	1.00033	1.11194
12919	2.60682	0	0	0
12920	2.56994	0.92586	0.92586	0.98625
12921	2.51609	0.88988	0.88988	0.92721
12922	2.46491	0.83049	0.83049	0.82825
12923	2.42949	0	0	0
12924	2.55074	0	0	0
12925	2.6414	1.07959	1.07959	1.21365
12926	2.64382	1.06539	1.06539	1.19351
12927	2.64914	0.83905	0.83905	0.85514
12928	2.59942	0	0	0
12929	2.61017	0.83764	0.83764	0.85183
12930	2.56487	0	0	0
12931	2.53346	1.04175	1.04175	1.14245
12932	2.49366	1.03281	1.03281	1.13397
12933	2.47558	0.98781	0.98781	1.05952
12934	2.47675	1.02458	1.02458	1.12147
12935	2.44837	0.97367	0.97367	1.04561
12936	2.42543	0.8832	0.8832	0.90465
12937	2.42561	0.9575	0.9575	1.02163
12938	2.36635	0	0	0
12939	2.3864	0.8242	0.8242	0.80287
12940	2.37697	0.82331	0.82331	0.80307
12941	2.35314	0	0	0
12942	2.41024	0.82573	0.82573	0.81511
12943	2.41871	0	0	0
12944	2.39453	0	0	0
12945	2.49196	0.98962	0.98962	1.07582
12946	2.49255	0.83166	0.83166	0.83309
12947	2.42522	0	0	0
12948	2.43093	0.93953	0.93953	0.98948
12949	2.38902	0.9125	0.9125	0.93956
12950	2.35528	0.87638	0.87638	0.87926
12951	2.31826	0.81722	0.81722	0.78391
12952	2.28625	0	0	0
12953	2.47232	1.26458	1.26458	1.1309
12954	2.44472	1.26625	1.26625	1.11756
12955	2.44923	1.26654	1.26654	1.11255

12956	2.4485	1.26685	1.26685	1.10697
12957	2.44572	1.25397	1.25397	1.19763
12958	2.44027	1.26732	1.26732	1.09879
12959	2.43857	1.25253	1.25253	1.19643
12960	2.44197	1.20714	1.20714	1.2006
12961	2.44404	1.20934	1.20934	1.17609
12962	2.44446	1.20206	1.20206	1.17275
12963	2.44332	1.19731	1.19731	1.17227
12964	2.44075	1.19649	1.19649	1.16501
12965	2.43771	1.19541	1.19541	1.16074
12966	2.44422	1.1941	1.1941	1.16214
12967	2.45093	1.19321	1.19321	1.16528
12968	2.47883	1.1915	1.1915	1.21498
12969	2.46829	1.19248	1.19248	1.17318
12970	2.52402	1.19001	1.19001	1.2708
12971	2.50678	1.19058	1.19058	1.22551
12972	2.53508	1.18907	1.18907	1.27306
12973	2.55752	1.1919	1.1919	1.30113
12974	2.55482	1.19167	1.19167	1.28053
12975	2.56985	1.19165	1.19165	1.30251
12976	2.59088	1.19178	1.19178	1.29951
12977	2.60213	1.19105	1.19105	1.30063
12978	2.62805	1.19773	1.19773	1.30226
12979	2.65876	1.22761	1.22761	1.33044
12980	2.64338	1.19821	1.19821	1.29846
12981	2.67647	1.22831	1.22831	1.32582
12982	2.64978	1.15564	1.15564	1.26537
12983	2.68455	1.22827	1.22827	1.31927
12984	2.66437	1.15597	1.15597	1.27645
12985	2.67447	1.15972	1.15972	1.25367
12986	2.67371	1.16451	1.16451	1.28273
12987	2.65036	1.22879	1.22879	1.30562
12988	2.64563	1.2148	1.2148	1.32348
12989	2.64727	1.23284	1.23284	1.29639
12990	2.64522	1.23016	1.23016	1.30311
12991	2.64866	1.23836	1.23836	1.24825
12992	2.64408	1.23435	1.23435	1.29324
12993	2.65391	1.23923	1.23923	1.2504
12994	2.55516	1.10458	1.10458	1.2152
12995	2.53838	1.10201	1.10201	1.21733
12996	2.5275	1.10011	1.10011	1.22817

12997	2.48418	1.09529	1.09529	1.21796
12998	2.48566	1.07538	1.07538	1.1935
12999	2.40462	0.94892	0.94892	1.00772
13000	2.38037	0.9325	0.9325	0.98063
13001	2.36203	0.91366	0.91366	0.96044
13002	2.35342	0.89085	0.89085	0.93419
13003	2.31646	0.85597	0.85597	0.87622
13004	2.29964	0.80038	0.80038	0.78952
13005	2.28204	0	0	0
13006	2.47664	1.07175	1.07175	1.1942
13007	2.47678	1.0592	1.0592	1.17875
13008	2.4639	1.0548	1.0548	1.17733
13009	2.46507	1.01342	1.01342	1.11794
13010	2.45445	1.00662	1.00662	1.11645
13011	2.45859	0.97458	0.97458	1.07556
13012	2.42241	0.96226	0.96226	1.0436
13013	2.41855	0.95007	0.95007	1.03021
13014	2.42143	0.8956	0.8956	0.94801
13015	2.39069	0.80717	0.80717	0.81198
13016	2.37485	0	0	0
13017	2.4103	0.8628	0.8628	0.89982
13018	2.37362	0.80612	0.80612	0.81137
13019	2.35007	0	0	0
13020	2.41141	0.86337	0.86337	0.89638
13021	2.40035	0.80818	0.80818	0.81408
13022	2.36598	0	0	0
13023	2.39681	0	0	0
13024	2.39756	0.95974	0.95974	1.04322
13025	2.37417	0.86031	0.86031	0.89285
13026	2.35087	0.80446	0.80446	0.80219
13027	2.32378	0	0	0
13028	2.27858	0	0	0
13029	2.30075	0.85417	0.85417	0.87386
13030	2.3014	0	0	0
13031	2.31332	0.88719	0.88719	0.92634
13032	2.33371	0.91142	0.91142	0.96732
13033	2.34579	0.92953	0.92953	0.99012
13034	2.25706	0	0	0
13035	2.26558	0.79451	0.79451	0.77366
13036	2.28766	0.85048	0.85048	0.86769
13037	2.2852	0.92156	0.92156	0.97899

13038	2.30113	0.93745	0.93745	1.00444
13039	2.3	0.95973	0.95973	1.03571
13040	2.26793	0.79476	0.79476	0.77501
13041	2.26168	0	0	0
13042	2.27177	0	0	0
13043	2.32034	0.97103	0.97103	1.05649
13044	2.31331	0.351	0.351	0.56122
13045	2.28437	0	0	0
13046	2.29941	0.79782	0.79782	0.7829
13047	2.31303	0.85306	0.85306	0.87477
13048	2.32768	0.9088	0.9088	0.95115
13049	2.33081	0.88651	0.88651	0.92686
13050	2.34537	1.02169	1.02169	1.12725
13051	2.34737	0.98576	0.98576	1.08215
13052	2.35908	1.0304	1.0304	1.13696
13053	2.35746	0	0	0
13054	2.36618	1.03507	1.03507	1.1349
13055	2.33882	0	0	0
13056	2.34604	0.80383	0.80383	0.80111
13057	2.35455	0.85888	0.85888	0.88709
13058	2.36856	0.89075	0.89075	0.93876
13059	2.40046	0.91544	0.91544	0.98342
13060	2.37001	0	0	0
13061	2.39905	0.80709	0.80709	0.81412
13062	2.39594	0.87852	0.87852	0.94957
13063	2.41044	0.90504	0.90504	0.98272
13064	2.40939	0.9832	0.9832	1.08559
13065	2.4312	0.99248	0.99248	1.09958
13066	2.4277	1.07929	1.07929	1.207
13067	2.45403	1.08387	1.08387	1.21002
13068	2.46782	1.10289	1.10289	1.23364
13069	2.46716	1.08706	1.08706	1.21183
13070	2.48931	1.10587	1.10587	1.23681
13071	2.34565	0.45084	0.45084	0.71102
13072	2.35421	0.46569	0.46569	0.67885
13073	2.35394	0.83462	0.83462	0.86285
13074	2.35341	0.90123	0.90123	0.94687
13075	2.32089	0	0	0
13076	2.3096	0	0	0
13077	2.37901	0.92331	0.92331	0.97949
13078	2.40793	0.94127	0.94127	1.01259

13079	2.47603	1.14108	1.14108	1.22453
13080	2.45922	1.13964	1.13964	1.23221
13081	2.4534	0.75023	0.75023	0.72025
13082	2.45173	1.13645	1.13645	1.23749
13083	2.45377	1.12779	1.12779	1.22219
13084	2.44612	1.12587	1.12587	1.22759
13085	2.44925	1.12062	1.12062	1.21767
13086	2.41437	1.11467	1.11467	1.20437
13087	2.40657	0.43888	0.43888	0.69994
13088	2.41171	1.11259	1.11259	1.2113
13089	2.40649	1.10984	1.10984	1.21542
13090	2.34822	0	0	0
13091	2.37838	0.8055	0.8055	0.80411
13092	2.37284	0.89136	0.89136	0.9362
13093	2.39838	0.91571	0.91571	0.9762
13094	2.41456	0.1526	0.1526	0.23927
13095	2.41121	0.93401	0.93401	1.00383
13096	2.3389	0	0	0
13097	2.42946	0.86297	0.86297	0.88692
13098	2.43555	0.80883	0.80883	0.82195
13099	2.4189	0	0	0
13100	2.39049	0.88812	0.88812	0.9477
13101	2.38763	0.99572	0.99572	1.10575
13102	2.37066	1.07931	1.07931	1.15258
13103	2.37005	0	0	0
13104	2.38813	0.85611	0.85611	0.89589
13105	2.37731	0.80118	0.80118	0.80432
13106	2.36736	0	0	0
13107	2.35589	0.95068	0.95068	1.02653
13108	2.35044	0.93793	0.93793	1.00625
13109	2.33762	0.92245	0.92245	0.98486
13110	2.31564	0.90273	0.90273	0.95709
13111	2.30077	0.87937	0.87937	0.91476
13112	2.27892	0.84685	0.84685	0.86011
13113	2.26237	0.79115	0.79115	0.77042
13114	2.25024	0	0	0
13115	2.3621	1.07345	1.07345	1.1504
13116	2.36653	1.07069	1.07069	1.16728
13117	2.34825	1.06663	1.06663	1.15918
13118	2.35353	1.06375	1.06375	1.159
13119	2.36216	1.05214	1.05214	1.15107

13120	2.31835	0.84812	0.84812	0.87123
13121	2.30164	0.793	0.793	0.77898
13122	2.29567	0	0	0
13123	2.33627	0	0	0
13124	2.35859	1.04837	1.04837	1.16226
13125	2.37239	0.97452	0.97452	1.08202
13126	2.36031	1.04525	1.04525	1.17261
13127	2.34775	0.98819	0.98819	1.11319
13128	2.33559	0.97985	0.97985	1.11042
13129	2.33466	0.84245	0.84245	0.88487
13130	2.32314	0.78732	0.78732	0.78559
13131	2.30539	0	0	0
13132	2.32499	0.9465	0.9465	1.05434
13133	2.33669	0.89319	0.89319	0.97019
13134	2.32626	0.84	0.84	0.88553
13135	2.30625	0.78512	0.78512	0.78015
13136	2.29833	0	0	0
13137	2.3403	0.87315	0.87315	0.93882
13138	2.29117	0	0	0
13139	2.34781	0.78757	0.78757	0.78698
13140	2.3531	0	0	0
13141	2.36835	0.96153	0.96153	1.07387
13142	2.3635	0.87491	0.87491	0.92835
13143	2.3552	0.95119	0.95119	1.05619
13144	2.3697	0.84193	0.84193	0.88856
13145	2.34517	0.7884	0.7884	0.78633
13146	2.34821	0	0	0
13147	2.35157	0.8733	0.8733	0.93188
13148	2.36037	0.84193	0.84193	0.89075
13149	2.35654	0.78848	0.78848	0.78915
13150	2.34609	0	0	0
13151	2.31167	0	0	0
13152	2.32396	0.80283	0.80283	0.79386
13153	2.34461	0.85826	0.85826	0.88074
13154	2.36444	0.89119	0.89119	0.93198
13155	2.38134	0.91502	0.91502	0.97091
13156	2.38237	0.93254	0.93254	0.99677
13157	2.40515	0.42014	0.42014	0.49725
13158	2.41159	0.95418	0.95418	1.03202
13159	2.43526	0.96649	0.96649	1.04901
13160	2.43579	0.98555	0.98555	1.07889

13161	2.38495	0	0	0
13162	2.3458	0	0	0
13163	2.36875	0.80636	0.80636	0.80755
13164	2.39764	0.91672	0.91672	0.98132
13165	2.39715	0.8941	0.8941	0.94588
13166	2.39892	0.86233	0.86233	0.89743
13167	2.41998	0.93537	0.93537	1.0068
13168	2.44992	0	0	0
13169	2.47843	0.81219	0.81219	0.83028
13170	2.47986	0.97571	0.97571	1.0733
13171	2.52139	0.98692	0.98692	1.09603
13172	2.55374	0.99671	0.99671	1.11163
13173	2.55288	1.06072	1.06072	1.20777
13174	2.47111	0.99574	0.99574	1.09901
13175	2.5844	1.06543	1.06543	1.21197
13176	2.5854	1.15367	1.15367	1.30869
13177	2.52579	1.11588	1.11588	1.24555
13178	2.50635	0.81311	0.81311	0.83874
13179	2.51155	1.1132	1.1132	1.24595
13180	2.46508	0	0	0
13181	2.47127	1.10516	1.10516	1.22863
13182	2.44672	1.10146	1.10146	1.22599
13183	2.42093	1.09737	1.09737	1.21885
13184	2.40701	1.09433	1.09433	1.21417
13185	2.37778	1.08979	1.08979	1.20521
13186	2.35654	1.0725	1.0725	1.17838
13187	2.35887	1.08593	1.08593	1.19709
13188	2.35273	1.06486	1.06486	1.17392
13189	2.3519	1.06969	1.06969	1.17665
13190	2.31795	0	0	0
13191	2.32852	0.90883	0.90883	0.95938
13192	2.30154	0.79885	0.79885	0.79096
13193	2.29819	0.79843	0.79843	0.78871
13194	2.2783	0	0	0
13195	2.28473	0	0	0
13196	2.33347	1.0605	1.0605	1.167
13197	2.31751	1.05609	1.05609	1.15991
13198	2.31925	0.79986	0.79986	0.79402
13199	2.30909	0	0	0
13200	2.28417	0.99953	0.99953	1.05763
13201	2.28477	1.04266	1.04266	1.13155

13202	2.26724	0.99181	0.99181	1.04248
13203	2.25679	0	0	0
13204	2.23852	0.96708	0.96708	0.99397
13205	2.26146	0.79338	0.79338	0.7677
13206	2.23366	0.89607	0.89607	0.90636
13207	2.23221	0.94925	0.94925	0.98717
13208	2.22994	0.95776	0.95776	0.98386
13209	2.2667	0.92357	0.92357	0.96245
13210	2.26669	0.958	0.958	1.01214
13211	2.25836	0.90676	0.90676	0.94284
13212	2.24954	0.88559	0.88559	0.91928
13213	2.2299	0	0	0
13214	2.23787	0.79061	0.79061	0.76457
13215	2.23211	0.78179	0.78179	0.80053
13216	2.22815	0.7284	0.7284	0.74628
13217	2.22495	0.41418	0.41418	0.66425
13218	2.23491	0	0	0
13219	2.24515	0.79197	0.79197	0.76888
13220	2.19887	0	0	0
13221	2.20938	0.78654	0.78654	0.74403
13222	2.21014	0.83978	0.83978	0.82335
13223	2.22993	0.87351	0.87351	0.87685
13224	2.22328	0.84141	0.84141	0.83097
13225	2.20752	0.78588	0.78588	0.73843
13226	2.20416	0	0	0
13227	2.29629	0	0	0
13228	2.32132	0.79544	0.79544	0.78661
13229	2.34488	0.85149	0.85149	0.87923
13230	2.37668	0.88551	0.88551	0.93966
13231	2.37588	0.93987	0.93987	1.0304
13232	2.40576	0.95408	0.95408	1.05624
13233	2.41645	0.96527	0.96527	1.07189
13234	2.43356	0.97564	0.97564	1.08785
13235	2.43119	1.02087	1.02087	1.15633
13236	2.45292	1.02801	1.02801	1.15822
13237	2.46581	1.05265	1.05265	1.18563
13238	2.47209	1.03349	1.03349	1.15719
13239	2.46722	1.05635	1.05635	1.18568
13240	2.33587	0.79689	0.79689	0.79703
13241	2.31855	0	0	0
13242	2.36973	0.92521	0.92521	0.99508

13243	2.34478	0.90575	0.90575	0.95933
13244	2.3267	0.88182	0.88182	0.92253
13245	2.30638	0.84855	0.84855	0.87075
13246	2.29138	0.79328	0.79328	0.77803
13247	2.27752	0	0	0
13248	2.40366	0.88976	0.88976	0.95461
13249	2.33871	0.79925	0.79925	0.80237
13250	2.38733	0	0	0
13251	2.30794	0	0	0
13252	2.49033	1.06205	1.06205	1.19687
13253	2.49191	1.05857	1.05857	1.19306
13254	2.51524	0.88019	0.88019	0.94865
13255	2.51806	1.07692	1.07692	1.22961
13256	2.51423	1.0831	1.0831	1.2365
13257	2.51117	1.09033	1.09033	1.24499
13258	2.50765	1.104	1.104	1.26394
13259	2.50156	1.10889	1.10889	1.26172
13260	2.5086	1.11149	1.11149	1.26041
13261	2.47066	0.39233	0.39233	0.60529
13262	2.54908	1.12467	1.12467	1.27925
13263	2.55236	1.11693	1.11693	1.27593
13264	2.44698	0.932	0.932	1.02202
13265	2.4507	0.8068	0.8068	0.83033
13266	2.43111	0	0	0
13267	2.42886	0.86064	0.86064	0.90968
13268	2.41354	0.80477	0.80477	0.82123
13269	2.39672	0	0	0
13270	2.49578	0.80942	0.80942	0.8287
13271	2.50311	0	0	0
13272	2.62949	1.20093	1.20093	1.28719
13273	2.62361	1.20279	1.20279	1.3014
13274	2.61502	1.20372	1.20372	1.29807
13275	2.61692	1.20817	1.20817	1.2944
13276	2.61394	1.21036	1.21036	1.32969
13277	2.61996	1.21274	1.21274	1.33048
13278	2.63121	1.22828	1.22828	1.33905
13279	2.63282	1.24127	1.24127	1.32604
13280	2.62312	1.23379	1.23379	1.32433
13281	2.62947	1.23522	1.23522	1.29505
13282	2.62847	1.23599	1.23599	1.29325
13283	2.65079	1.29865	1.29865	1.2626

13284	2.63009	1.29847	1.29847	1.26473
13285	2.61787	1.2939	1.2939	1.2994
13286	2.64696	1.29958	1.29958	1.26145
13287	2.65046	1.29997	1.29997	1.25548
13288	2.6567	1.3021	1.3021	1.23818
13289	2.53232	0.95613	0.95613	0.99698
13290	2.51128	0.93077	0.93077	0.95854
13291	2.54216	1.11248	1.11248	1.22336
13292	2.54586	1.08659	1.08659	1.19099
13293	2.55132	1.01888	1.01888	1.08273
13294	2.48011	0.97871	0.97871	1.02916
13295	2.47916	1.01472	1.01472	1.08539
13296	2.43899	0.83426	0.83426	0.81938
13297	2.44082	0	0	0
13298	2.44527	0.95184	0.95184	0.98138
13299	2.40311	0.22827	0.22827	0.33507
13300	2.41749	0.92714	0.92714	0.94611
13301	2.3724	0.89201	0.89201	0.88557
13302	2.36334	0.81424	0.81424	0.80293
13303	2.33842	0	0	0
13304	2.51369	1.0065	1.0065	1.06717
13305	2.4817	0.99223	0.99223	1.04184
13306	2.47244	0.82091	0.82091	0.83001
13307	2.4664	0.95125	0.95125	1.02459
13308	2.46317	0	0	0
13309	2.3814	0.87056	0.87056	0.89576
13310	2.3663	0.81356	0.81356	0.8056
13311	2.35202	0	0	0
13312	2.46864	0.97098	0.97098	1.01046
13313	2.41484	0.94732	0.94732	0.96883
13314	2.38485	0.92125	0.92125	0.92611
13315	2.35596	0.88615	0.88615	0.87017
13316	2.32863	0.83014	0.83014	0.7825
13317	2.32679	0	0	0
13318	2.54306	0.96516	0.96516	1.06506
13319	2.5459	0.86998	0.86998	0.93305
13320	2.51612	0.86803	0.86803	0.92543
13321	2.47624	0.80995	0.80995	0.83348
13322	2.42118	0	0	0
13323	2.47327	0.81015	0.81015	0.8325
13324	2.43553	0	0	0

13325	2.23155	0	0	0
13326	2.24101	0.78624	0.78624	0.76209
13327	2.25594	0.84172	0.84172	0.84958
13328	2.26915	0.8741	0.8741	0.89702
13329	2.27508	0.89695	0.89695	0.9354
13330	2.29663	0.91652	0.91652	0.96828
13331	2.30905	0.93187	0.93187	0.99167
13332	2.31699	0.96394	0.96394	1.04111
13333	2.31827	0.94451	0.94451	1.01034
13334	2.27784	0	0	0
13335	2.24286	0	0	0
13336	2.2533	0.78697	0.78697	0.76221
13337	2.26451	0.84179	0.84179	0.85406
13338	2.28512	0.92998	0.92998	0.99622
13339	2.28645	0.87576	0.87576	0.91253
13340	2.29562	0.94282	0.94282	1.01541
13341	2.32706	0.95567	0.95567	1.03752
13342	2.34869	0.96663	0.96663	1.04998
13343	2.34607	1.00641	1.00641	1.11014
13344	2.34751	1.01152	1.01152	1.11382
13345	2.34815	1.0205	1.0205	1.12757
13346	2.34697	1.05774	1.05774	1.18096
13347	2.32073	0	0	0
13348	2.33302	0.84887	0.84887	0.87599
13349	2.3315	0.90294	0.90294	0.96082
13350	2.28662	0	0	0
13351	2.32052	0.79374	0.79374	0.78727
13352	2.29969	0	0	0
13353	2.25726	0.78798	0.78798	0.76747
13354	2.2504	0	0	0
13355	2.37578	1.06384	1.06384	1.19544
13356	2.39914	1.06745	1.06745	1.21022
13357	2.43418	1.0727	1.0727	1.22345
13358	2.46075	1.07819	1.07819	1.23041
13359	2.47081	1.08147	1.08147	1.23222
13360	2.49478	1.08516	1.08516	1.23668
13361	2.48683	1.10667	1.10667	1.26314
13362	2.51583	1.10996	1.10996	1.26978
13363	2.52724	1.12363	1.12363	1.32319
13364	2.53986	1.11301	1.11301	1.27166
13365	2.54574	1.12842	1.12842	1.33065

13366	2.57904	1.1802	1.1802	1.35146
13367	2.56854	1.12978	1.12978	1.34033
13368	2.56474	1.18382	1.18382	1.33144
13369	2.58276	1.18052	1.18052	1.34689
13370	2.57483	1.18376	1.18376	1.33177
13371	2.59038	1.1861	1.1861	1.33522
13372	2.48956	0.86319	0.86319	0.91683
13373	2.4188	0.80465	0.80465	0.82081
13374	2.38782	0	0	0
13375	2.43394	0.97695	0.97695	1.09382
13376	2.43499	0.80492	0.80492	0.82324
13377	2.37654	0.20117	0.20117	0.31487
13378	2.40536	0	0	0
13379	2.42187	0.80383	0.80383	0.82072
13380	2.42148	0.92148	0.92148	1.00778
13381	2.42022	0.94376	0.94376	1.04113
13382	2.35722	0.10857	0.10857	0.16966
13383	2.41125	0	0	0
13384	2.39407	0	0	0
13385	2.39295	0.8321	0.8321	0.86456
13386	2.24455	0	0	0
13387	2.24783	0.81422	0.81422	0.75297
13388	2.2563	0.87116	0.87116	0.84526
13389	2.2673	0.90522	0.90522	0.89784
13390	2.28932	0.932	0.932	0.94129
13391	2.30582	0.95234	0.95234	0.97477
13392	2.33706	0.97134	0.97134	1.00934
13393	2.35297	0.98574	0.98574	1.02824
13394	2.39514	1.00119	1.00119	1.04932
13395	2.41211	1.01238	1.01238	1.05685
13396	2.41976	1.02173	1.02173	1.05924
13397	2.44071	1.03105	1.03105	1.06232
13398	2.4589	1.04001	1.04001	1.07364
13399	2.44519	1.14776	1.14776	1.21462
13400	2.45007	1.10319	1.10319	1.23015
13401	2.45021	1.11265	1.11265	1.23031
13402	2.40116	0.8826	0.8826	0.90028
13403	2.40848	0.05657	0.05657	0.08324
13404	2.38386	0.86173	0.86173	0.85907
13405	2.37548	0.83563	0.83563	0.80543
13406	2.35024	0.79649	0.79649	0.70236

13407	2.32622	0.73208	0.73208	0.61247
13408	2.33223	0.52745	0.52745	0.67355
13409	2.34249	0.62846	0.62846	0.76071
13410	2.3735	0.76391	0.76391	0.83357
13411	2.33705	0	0	0
13412	2.34748	0.81793	0.81793	0.80253
13413	2.38213	0.87702	0.87702	0.89395
13414	2.42611	0.91347	0.91347	0.95441
13415	2.42466	0.95322	0.95322	1.03108
13416	2.46699	1.07502	1.07502	1.26031
13417	2.45198	0.97047	0.97047	1.05474
13418	2.47904	1.04895	1.04895	1.2782
13419	2.47957	1.07092	1.07092	1.26479
13420	2.48458	1.0477	1.0477	1.28033
13421	2.49854	1.01297	1.01297	1.28642
13422	2.45639	1.09501	1.09501	1.24233
13423	2.45545	1.09722	1.09722	1.23645
13424	2.43551	0.5489	0.5489	0.6739
13425	2.29528	0	0	0
13426	2.31991	0.81202	0.81202	0.79054
13427	2.33912	0.87102	0.87102	0.88019
13428	2.31222	0	0	0
13429	2.3218	0.81357	0.81357	0.78975
13430	2.36328	0.96179	0.96179	1.01938
13431	2.36393	0.87323	0.87323	0.88959
13432	2.37425	0.97529	0.97529	1.03972
13433	2.39847	0.98834	0.98834	1.05733
13434	2.40179	0.99857	0.99857	1.06495
13435	2.42508	1.0093	1.0093	1.0779
13436	2.31346	0	0	0
13437	2.34786	0.80453	0.80453	0.80116
13438	2.37228	0.86068	0.86068	0.88634
13439	2.36719	0.89084	0.89084	0.92337
13440	2.36334	0.94523	0.94523	1.01112
13441	2.32965	0.80277	0.80277	0.79771
13442	2.32449	0	0	0
13443	2.31727	0	0	0
13444	2.3338	0.80464	0.80464	0.79534
13445	2.34269	0.85785	0.85785	0.88167
13446	2.35294	0.89053	0.89053	0.93289
13447	2.39193	0.91703	0.91703	0.982

13448	2.39292	1.003	1.003	1.10907
13449	2.41103	1.01115	1.01115	1.12289
13450	2.42202	1.0183	1.0183	1.12856
13451	2.41039	1.02839	1.02839	1.1287
13452	2.41691	1.0344	1.0344	1.12623
13453	2.37991	0.75856	0.75856	0.92103
13454	2.34803	0.71673	0.71673	0.87041
13455	2.34102	0.73109	0.73109	0.86115
13456	2.34578	0.77619	0.77619	0.92667
13457	2.36209	0.81885	0.81885	0.94152
13458	2.37333	0.9605	0.9605	1.04039
13459	2.37288	0.9015	0.9015	0.98348
13460	2.37516	0.84698	0.84698	0.95061
13461	2.34992	0.81249	0.81249	0.80225
13462	2.31939	0	0	0
13463	2.39626	0.87506	0.87506	0.89687
13464	2.39646	1.00316	1.00316	1.09451
13465	2.33936	0.81531	0.81531	0.79821
13466	2.32323	0	0	0
13467	2.33952	0	0	0
13468	2.39542	0.87506	0.87506	0.8921
13469	2.37299	0.81551	0.81551	0.80522
13470	2.35269	0	0	0
13471	2.39367	0.81363	0.81363	0.81133
13472	2.34883	0	0	0
13473	2.51354	1.12692	1.12692	1.31376
13474	2.49044	1.12327	1.12327	1.30849
13475	2.49252	1.10545	1.10545	1.28649
13476	2.47281	1.10306	1.10306	1.28166
13477	2.4715	1.04704	1.04704	1.19153
13478	2.43674	0.97672	0.97672	1.09289
13479	2.38826	0.96438	0.96438	1.06709
13480	2.37891	0.94182	0.94182	1.02549
13481	2.37908	0.8556	0.8556	0.89572
13482	2.38082	0	0	0
13483	2.34813	0	0	0
13484	2.34434	0.8526	0.8526	0.88189
13485	2.3362	0.7977	0.7977	0.79694
13486	2.32094	0	0	0
13487	2.3354	0	0	0
13488	2.39873	0.53327	0.53327	0.83288

13489	2.43505	1.04017	1.04017	1.17727
13490	2.43613	0.74433	0.74433	0.73578
13491	2.41671	1.01117	1.01117	1.12879
13492	2.41663	1.03047	1.03047	1.15903
13493	2.39759	1.00409	1.00409	1.11924
13494	2.37498	0.99668	0.99668	1.10609
13495	2.35771	0.98875	0.98875	1.0941
13496	2.34615	0.95416	0.95416	1.04318
13497	2.34517	0.98051	0.98051	1.08217
13498	2.3156	0.93997	0.93997	1.01745
13499	2.30368	0.92596	0.92596	0.99718
13500	2.30355	0.82367	0.82367	0.83819
13501	2.27916	0.84539	0.84539	0.86636
13502	2.27929	0.79163	0.79163	0.78328
13503	2.26789	0	0	0
13504	2.29074	0	0	0
13505	2.26606	0.13898	0.13898	0.21583
13506	2.32883	0.79622	0.79622	0.79813
13507	2.31569	0	0	0
13508	2.39391	0.85595	0.85595	0.89811
13509	2.39526	0.23097	0.23097	0.36032
13510	2.36745	0.79973	0.79973	0.80645
13511	2.35753	0	0	0
13512	2.42905	1.03977	1.03977	1.17936
13513	2.4309	1.0361	1.0361	1.18165
13514	2.43026	0.99777	0.99777	1.12095
13515	2.39215	0.98893	0.98893	1.09463
13516	2.3772	0.98002	0.98002	1.07984
13517	2.37914	0.95199	0.95199	1.03643
13518	2.34562	0.93723	0.93723	1.01022
13519	2.34892	0.852	0.852	0.8815
13520	2.31451	0.84917	0.84917	0.87376
13521	2.30553	0.79446	0.79446	0.79018
13522	2.28613	0	0	0
13523	2.40453	0.93541	0.93541	1.02942
13524	2.39418	0.80231	0.80231	0.81515
13525	2.36606	0.8005	0.8005	0.80887
13526	2.36624	0.87103	0.87103	0.91861
13527	2.33623	0	0	0
13528	2.33171	0.13982	0.13982	0.21415
13529	2.38108	0	0	0

13530	2.34782	0.7984	0.7984	0.80105
13531	2.32405	0	0	0
13532	2.32045	0.79554	0.79554	0.79303
13533	2.29225	0	0	0
13534	2.51486	1.29783	1.29783	0.95242
13535	2.49117	1.29649	1.29649	0.94255
13536	2.49361	1.29885	1.29885	0.90466
13537	2.49157	1.29815	1.29815	0.83483
13538	2.50952	1.43749	1.43749	1.1759
13539	2.49023	1.43622	1.43622	1.17145
13540	2.49088	1.43701	1.43701	0.91551
13541	2.486	1.43632	1.43632	0.85082
13542	2.60581	1.43048	1.43048	0.818
13543	2.61858	1.2922	1.2922	0.79319
13544	2.61892	1.42013	1.42013	0.81613
13545	2.61117	1.28401	1.28401	0.80831
13546	2.6466	1.41679	1.41679	0.88625
13547	2.65401	1.41023	1.41023	1.08664
13548	2.63649	1.28095	1.28095	0.88096
13549	2.6265	1.28112	1.28112	0.90133
13550	2.67935	1.17753	1.17753	1.26031
13551	2.66007	1.06401	1.06401	1.23489
13552	2.6751	1.06283	1.06283	1.23889
13553	2.66781	1.18223	1.18223	1.23587
13554	2.66224	1.17967	1.17967	1.24901
13555	2.55111	0.8966	0.8966	0.93423
13556	2.51589	0.83851	0.83851	0.84161
13557	2.45975	0	0	0
13558	2.59916	1.05318	1.05318	1.22045
13559	2.54226	1.04108	1.04108	1.20626
13560	2.52363	1.03201	1.03201	1.20024
13561	2.49838	1.02134	1.02134	1.19106
13562	2.47752	1.01317	1.01317	1.18314
13563	2.78866	1.40778	1.40778	1.07218
13564	2.7737	1.27873	1.27873	0.93156
13565	2.85565	1.40499	1.40499	1.04792
13566	2.89728	1.40297	1.40297	1.11495
13567	2.84828	1.27748	1.27748	0.94
13568	2.90697	1.34911	1.34911	1.28592
13569	2.92878	1.40264	1.40264	1.11094
13570	2.93991	1.34797	1.34797	1.27432

13571	2.97385	1.40178	1.40178	1.1116
13572	2.97953	1.39976	1.39976	1.12398
13573	2.98114	1.40109	1.40109	1.18593
13574	2.98285	1.39448	1.39448	1.19375
13575	2.95873	1.39348	1.39348	1.17538
13576	2.91468	1.2559	1.2559	1.03423
13577	2.97631	1.34719	1.34719	1.27292
13578	2.98645	1.34653	1.34653	1.24727
13579	2.98606	1.34837	1.34837	1.30281
13580	2.98346	1.35808	1.35808	1.17756
13581	2.96534	1.26019	1.26019	1.09276
13582	2.88418	0.78112	0.78112	0.61127
13583	2.91584	1.25786	1.25786	1.05091
13584	2.84892	1.25593	1.25593	1.02492
13585	2.88153	1.29167	1.29167	1.07812
13586	2.91401	1.2916	1.2916	1.0413
13587	2.8879	1.31772	1.31772	1.11274
13588	2.89217	1.31535	1.31535	0.97557
13589	2.91022	1.31451	1.31451	0.9371
13590	2.93907	1.26249	1.26249	1.07592
13591	2.91831	1.26047	1.26047	1.09731
13592	2.91433	1.26066	1.26066	1.09235
13593	2.81283	0.57485	0.57485	0.79187
13594	2.95184	1.37556	1.37556	1.12084
13595	2.90684	1.37266	1.37266	1.10335
13596	2.91291	1.37199	1.37199	1.10052
13597	2.79967	1.20134	1.20134	0.96227
13598	2.77147	0.75391	0.75391	0.65668
13599	2.77604	1.19891	1.19891	0.94645
13600	2.75379	1.22009	1.22009	1.1816
13601	2.8123	0.90902	0.90902	0.89713
13602	2.82606	1.22695	1.22695	1.20825
13603	2.83427	1.22144	1.22144	1.18555
13604	2.83196	0.88578	0.88578	1.1616
13605	2.82477	0.89813	0.89813	1.16349
13606	2.83273	0.91318	0.91318	1.15676
13607	2.83237	0.92446	0.92446	1.15267
13608	2.8274	0.82388	0.82388	0.8592
13609	2.84255	1.20145	1.20145	0.97706
13610	2.90796	1.29483	1.29483	1.13287
13611	2.90862	1.29551	1.29551	1.22856

13612	2.90603	1.40011	1.40011	1.26065
13613	2.90946	1.3758	1.3758	1.09832
13614	2.93263	1.29041	1.29041	1.04304
13615	2.91036	1.28961	1.28961	1.04948
13616	2.88263	1.31287	1.31287	0.91538
13617	2.77658	1.2893	1.2893	1.04487
13618	2.77873	1.31276	1.31276	0.92494
13619	2.73199	1.33033	1.33033	1.18543
13620	2.69468	1.33045	1.33045	1.17911
13621	2.70606	1.33078	1.33078	1.15697
13622	2.71498	1.32953	1.32953	1.07876
13623	2.65109	1.28931	1.28931	1.0275
13624	2.67842	1.29608	1.29608	1.13193
13625	2.66248	1.29933	1.29933	1.11921
13626	2.59429	0.91689	0.91689	0.92778
13627	2.52614	0.95857	0.95857	0.95891
13628	2.45061	0	0	0
13629	2.47009	0.8798	0.8798	0.82057
13630	2.58432	0.82311	0.82311	0.80331
13631	2.53455	0	0	0
13632	2.55082	0.88433	0.88433	1.04665
13633	2.56263	0.89982	0.89982	0.85245
13634	2.57179	0.85927	0.85927	1.06369
13635	2.54043	0.76701	0.76701	0.69966
13636	2.60155	0.82783	0.82783	1.08785
13637	2.53673	0.39681	0.39681	0.6724
13638	2.55387	0.41284	0.41284	0.77493
13639	2.61634	0.7725	0.7725	0.90201
13640	2.60963	0.76887	0.76887	0.84473
13641	2.64964	0.5767	0.5767	0.92479
13642	2.74643	1.13178	1.13178	1.22588
13643	2.74447	1.13294	1.13294	1.18528
13644	2.68325	1.13829	1.13829	1.16616
13645	2.68106	1.1434	1.1434	1.17461
13646	2.66431	0.65531	0.65531	1.1103
13647	2.55531	0.97594	0.97594	1.00572
13648	2.51464	0.57577	0.57577	0.95918
13649	2.52811	0.99724	0.99724	0.94025
13650	2.57876	1.0316	1.0316	1.00974
13651	2.7077	1.04083	1.04083	1.03486
13652	2.73721	1.04248	1.04248	0.99188

13653	2.87187	1.20955	1.20955	1.04627
13654	2.81183	1.17281	1.17281	0.97486
13655	2.87768	1.17108	1.17108	0.96053
13656	2.83807	1.17251	1.17251	0.97289
13657	2.64057	1.30332	1.30332	1.24436
13658	2.60462	1.29315	1.29315	1.17295
13659	2.59515	1.27163	1.27163	1.14551
13660	2.60259	1.40575	1.40575	0.76767
13661	2.67036	1.21517	1.21517	1.28051
13662	2.75592	1.17625	1.17625	1.28456
13663	2.68151	1.01132	1.01132	1.16619
13664	2.67923	1.03976	1.03976	1.22109
13665	2.6589	1.05095	1.05095	1.2215
13666	2.62103	1.08002	1.08002	1.23407
13667	2.66745	0.96506	0.96506	1.06805
13668	2.65984	0.99785	0.99785	1.1376
13669	2.49566	0	0	0
13670	2.66604	0.90952	0.90952	0.94804
13671	2.63249	0.94951	0.94951	1.02573
13672	2.72524	0.87718	0.87718	0.95236
13673	2.60597	0.8184	0.8184	0.81995
13674	2.58569	0	0	0
13675	2.55464	0	0	0
13676	2.54794	0.81788	0.81788	0.83891
13677	2.47928	0	0	0
13678	2.55397	0.19278	0.19278	0.27217
13679	2.56722	0.87437	0.87437	0.93907
13680	2.52788	0.81715	0.81715	0.83328
13681	2.51654	0	0	0
13682	2.56164	0	0	0
13683	2.52337	0	0	0
13684	2.55954	0.82065	0.82065	0.84407
13685	2.52326	0.90676	0.90676	0.97818
13686	2.4651	0.87126	0.87126	0.91429
13687	2.40219	0.81159	0.81159	0.80523
13688	2.36732	0	0	0
13689	2.79402	1.17366	1.17366	1.30236
13690	2.81935	1.16881	1.16881	1.30674
13691	2.83938	1.13991	1.13991	1.27909
13692	2.81629	1.13641	1.13641	1.27167
13693	2.83704	1.13541	1.13541	1.27124

13694	2.84146	1.13574	1.13574	1.26866
13695	2.83137	1.13345	1.13345	1.27834
13696	2.83172	1.13229	1.13229	1.27985
13697	2.83759	1.11405	1.11405	1.29538
13698	2.83437	1.11555	1.11555	1.2937
13699	2.82784	1.11673	1.11673	1.28579
13700	2.83017	1.11266	1.11266	1.2985
13701	2.82518	1.10944	1.10944	1.31297
13702	2.66826	0	0	0
13703	2.8315	1.10885	1.10885	1.31775
13704	2.8246	1.10803	1.10803	1.32365
13705	2.56043	0.8486	0.8486	0.81255
13706	2.71697	1.10275	1.10275	1.30409
13707	2.75559	1.10359	1.10359	1.30661
13708	2.77649	1.10548	1.10548	1.30835
13709	2.80235	1.10691	1.10691	1.32241
13710	2.71789	1.09774	1.09774	1.28957
13711	2.69482	1.10319	1.10319	1.29293
13712	2.66359	1.10547	1.10547	1.30799
13713	2.67422	1.10223	1.10223	1.27488
13714	2.6851	1.106	1.106	1.30368
13715	2.70929	1.1071	1.1071	1.29918
13716	2.75318	1.11084	1.11084	1.30797
13717	2.75827	1.17594	1.17594	1.3617
13718	2.74031	1.18494	1.18494	1.35127
13719	2.73984	1.18693	1.18693	1.33298
13720	2.23803	0.78893	0.78893	0.74779
13721	2.25689	0.84544	0.84544	0.85454
13722	2.26367	0.87754	0.87754	0.91535
13723	2.2685	0.90028	0.90028	0.95163
13724	2.2904	0.9198	0.9198	0.99355
13725	2.30969	0.93582	0.93582	1.02559
13726	2.33897	0.95049	0.95049	1.05613
13727	2.35931	0.96258	0.96258	1.0756
13728	2.36574	0.97249	0.97249	1.08217
13729	2.39213	0.98244	0.98244	1.09694
13730	2.40703	0.99154	0.99154	1.0968
13731	2.4141	0.99817	0.99817	1.08335
13732	2.43263	1.00506	1.00506	1.09426
13733	2.45174	1.01214	1.01214	1.09215
13734	2.47225	1.01874	1.01874	1.09841

13735	2.48567	1.02451	1.02451	1.10512
13736	2.50907	1.0298	1.0298	1.11248
13737	2.54101	1.03577	1.03577	1.12381
13738	2.58062	1.04142	1.04142	1.14359
13739	2.57495	1.05693	1.05693	1.17763
13740	2.50631	0.86543	0.86543	0.93132
13741	2.34223	0.85546	0.85546	0.88247
13742	2.34276	0	0	0
13743	2.37966	0.88997	0.88997	0.94525
13744	2.39605	0.91352	0.91352	0.98521
13745	2.42069	0.93214	0.93214	1.01609
13746	2.38673	0	0	0
13747	2.37584	0.2517	0.2517	0.40603
13748	2.45559	0.96018	0.96018	1.06645
13749	2.46719	0.97149	0.97149	1.08442
13750	2.46658	0.99999	0.99999	1.13299
13751	2.4234	0	0	0
13752	2.42173	0.83673	0.83673	0.86855
13753	2.4897	1.00786	1.00786	1.14672
13754	2.57353	1.05956	1.05956	1.17397
13755	2.57028	1.09844	1.09844	1.2565
13756	2.62115	1.10365	1.10365	1.26815
13757	2.6148	1.10537	1.10537	1.26065
13758	2.65503	1.12316	1.12316	1.30594
13759	2.6462	0.96519	0.96519	1.08352
13760	2.57353	0.49706	0.49706	0.82103
13761	2.55344	0.94038	0.94038	1.04598
13762	2.5383	0.92184	0.92184	1.01913
13763	2.50164	0.89732	0.89732	0.9761
13764	2.47882	0.86436	0.86436	0.91887
13765	2.43866	0.80817	0.80817	0.82175
13766	2.41697	0	0	0
13767	2.63814	0.87429	0.87429	0.95425
13768	2.63835	0.98905	0.98905	1.1409
13769	2.59435	0.81768	0.81768	0.85718
13770	2.5132	0.23302	0.23302	0.37797
13771	2.54634	0	0	0
13772	2.58928	0.90446	0.90446	0.99305
13773	2.59004	0.9361	0.9361	1.0455
13774	2.54469	0.87045	0.87045	0.93214
13775	2.50679	0.8139	0.8139	0.83971

13776	2.46423	0	0	0
13777	2.56546	1.01484	1.01484	1.17676
13778	2.56411	0.94243	0.94243	1.05711
13779	2.53748	0.92326	0.92326	1.02264
13780	2.51131	0.89994	0.89994	0.98318
13781	2.494	0.86713	0.86713	0.92811
13782	2.46875	0.81117	0.81117	0.83057
13783	2.43422	0	0	0
13784	2.52484	0.94817	0.94817	1.06612
13785	2.52454	0.88501	0.88501	0.95803
13786	2.41546	0.15307	0.15307	0.25192
13787	2.49787	0.8124	0.8124	0.83532
13788	2.47587	0	0	0
13789	2.47558	0	0	0
13790	2.47449	0.81194	0.81194	0.83145
13791	2.62331	0	0	0
13792	2.6135	0.85973	0.85973	0.96088
13793	2.61448	0.86625	0.86625	1.00143
13794	2.51738	0.70343	0.70343	0.75489
13795	2.45947	0.45818	0.45818	0.5113
13796	2.53687	0.70169	0.70169	0.63198
13797	2.64624	0.87074	0.87074	0.95744
13798	2.64019	0.92674	0.92674	1.05985
13799	2.62612	0.95473	0.95473	1.09343
13800	2.63634	0.815	0.815	0.85946
13801	2.58403	0	0	0
13802	2.51066	0	0	0
13803	2.59214	0.96982	0.96982	1.10723
13804	2.5929	0.92502	0.92502	1.02029
13805	2.51135	0.89848	0.89848	0.96059
13806	2.45033	0.86416	0.86416	0.90257
13807	2.4203	0.80816	0.80816	0.81233
13808	2.38387	0	0	0
13809	2.46477	0	0	0
13810	2.50771	0.81277	0.81277	0.83269
13811	2.61941	0	0	0
13812	2.65468	0.15524	0.15524	0.28273
13813	2.65671	0.94582	0.94582	1.0904
13814	2.66141	0.81761	0.81761	0.86231
13815	2.63595	0	0	0
13816	2.59924	0.87096	0.87096	0.94622

13817	2.54557	0.8141	0.8141	0.84002
13818	2.4589	0	0	0
13819	2.50297	0	0	0
13820	2.60153	0.81652	0.81652	0.85754
13821	2.65467	0.87455	0.87455	0.96485
13822	2.65945	0.97335	0.97335	1.13138
13823	2.5581	0.9573	0.9573	1.08377
13824	2.50427	0.94025	0.94025	1.04397
13825	2.45614	0.9201	0.9201	0.99974
13826	2.41784	0.8952	0.8952	0.95159
13827	2.38969	0.86148	0.86148	0.89279
13828	2.35097	0.80407	0.80407	0.7875
13829	2.33345	0	0	0
13830	2.66192	0.87369	0.87369	0.95848
13831	2.61436	0.81657	0.81657	0.84584
13832	2.59818	0	0	0
13833	2.67387	0	0	0
13834	2.7092	1.06546	1.06546	1.20199
13835	2.70629	1.06422	1.06422	1.20995
13836	2.75505	0.85661	0.85661	0.93539
13837	2.75898	1.05063	1.05063	1.26092
13838	2.72403	1.05951	1.05951	1.24355
13839	2.5786	0	0	0
13840	2.62896	0	0	0
13841	2.61022	0.26926	0.26926	0.50521
13842	2.77362	0.97028	0.97028	1.16468
13843	2.75627	1.02461	1.02461	1.22794
13844	2.74334	1.03033	1.03033	1.22469
13845	2.74864	0.82416	0.82416	0.88232
13846	2.74517	0.91346	0.91346	1.05832
13847	2.74252	0.95482	0.95482	1.13564
13848	2.6051	0	0	0
13849	2.59243	0	0	0
13850	2.71367	0	0	0
13851	2.64457	0.93223	0.93223	1.02645
13852	2.69807	0.87934	0.87934	0.99052
13853	2.55037	0	0	0
13854	2.6291	0.87902	0.87902	0.94957
13855	2.5582	0.81979	0.81979	0.83852
13856	2.5498	0	0	0
13857	2.5345	0	0	0

13858	2.55118	0.90115	0.90115	0.91998
13859	2.54263	0.96162	0.96162	1.11065
13860	2.62274	1.33129	1.33129	1.25389
13861	2.63176	1.3333	1.3333	1.25218
13862	2.6426	1.29078	1.29078	1.24923
13863	2.64685	1.36578	1.36578	1.16669
13864	2.66672	1.36706	1.36706	1.17883
13865	2.70228	1.36663	1.36663	1.16989
13866	2.56045	1.31753	1.31753	0.65293
13867	2.8592	1.42292	1.42292	0.72202
13868	2.55884	1.43905	1.43905	1.17386
13869	2.57906	1.16769	1.16769	0.93241
13870	2.85712	1.30813	1.30813	0.7374
13871	2.57105	1.29921	1.29921	0.96867
13872	2.58121	0.82861	0.82861	0.84562
13873	2.58175	0.85375	0.85375	0.92386
13874	2.5028	0.76938	0.76938	0.75038
13875	2.4829	0.3243	0.3243	0.49073
13876	2.47343	0.32663	0.32663	0.53753
13877	2.55491	0.88355	0.88355	0.92593
13878	2.54638	0.94001	0.94001	1.01343
13879	2.51232	0.76478	0.76478	0.76704
13880	2.53242	0.82588	0.82588	0.8369
13881	2.46831	0	0	0
13882	2.45062	0	0	0
13883	2.51949	0.47955	0.47955	0.57011
13884	2.56319	0.82577	0.82577	0.84217
13885	2.55005	0.76164	0.76164	0.71067
13886	2.49424	0	0	0
13887	2.73904	1.36638	1.36638	1.17446
13888	2.7903	1.38067	1.38067	1.17957
13889	2.85321	1.3853	1.3853	1.26047
13890	2.91341	1.3653	1.3653	1.24585
13891	2.64028	0.89225	0.89225	0.94136
13892	2.62695	0.8352	0.8352	0.85358
13893	2.56757	0	0	0
13894	2.69605	1.06116	1.06116	1.21616
13895	2.63368	1.05281	1.05281	1.20194
13896	2.58087	1.04468	1.04468	1.18389
13897	2.52637	0.87182	0.87182	0.91636
13898	2.52651	1.00401	1.00401	1.13531

13899	2.52545	1.024	1.024	1.16453
13900	2.52422	1.03476	1.03476	1.1694
13901	2.42007	0.26146	0.26146	0.42492
13902	2.50603	0.81547	0.81547	0.82756
13903	2.49625	0	0	0
13904	2.49657	0.81529	0.81529	0.82925
13905	2.47919	0.94231	0.94231	1.0298
13906	2.47938	0.96282	0.96282	1.05691
13907	2.44472	0	0	0
13908	2.44207	0.86742	0.86742	0.90556
13909	2.4412	0.92164	0.92164	0.99295
13910	2.38867	0	0	0
13911	2.38721	0	0	0
13912	2.43492	0	0	0
13913	2.8151	1.36483	1.36483	1.20731
13914	2.75351	1.36271	1.36271	1.18234
13915	2.74587	1.36153	1.36153	1.17781
13916	2.70032	1.35576	1.35576	1.07767
13917	2.71986	1.14758	1.14758	1.32091
13918	2.75299	1.36159	1.36159	1.35228
13919	2.75881	1.35756	1.35756	1.35929
13920	2.76228	1.3573	1.3573	1.36234
13921	2.69521	1.07195	1.07195	1.27391
13922	2.77451	1.35663	1.35663	1.37291
13923	2.76396	1.3569	1.3569	1.36501
13924	2.81793	1.35376	1.35376	1.35416
13925	2.76337	1.35397	1.35397	1.26981
13926	2.82109	1.3536	1.3536	1.35773
13927	2.73726	1.35445	1.35445	1.17664
13928	2.79324	1.35539	1.35539	1.22014
13929	2.81238	1.35279	1.35279	1.33997
13930	2.73199	1.35449	1.35449	1.15578
13931	2.73919	1.36059	1.36059	1.12415
13932	2.72429	1.36076	1.36076	1.11396
13933	2.712	1.36035	1.36035	1.10956
13934	2.72754	1.35972	1.35972	1.12628
13935	2.73259	1.3026	1.3026	1.21917
13936	2.79271	1.3681	1.3681	1.25599
13937	2.81122	1.3684	1.3684	1.267
13938	2.81036	1.3688	1.3688	1.33575
13939	2.81934	1.36821	1.36821	1.34082

13940	2.75771	1.27108	1.27108	1.36739
13941	2.74445	1.37556	1.37556	1.38012
13942	2.74457	1.37523	1.37523	1.38712
13943	2.72934	1.3752	1.3752	1.37856
13944	2.68884	1.37652	1.37652	1.37384
13945	2.63065	0.93716	0.93716	1.02868
13946	2.63009	1.03131	1.03131	1.16936
13947	2.64133	1.37668	1.37668	1.35446
13948	2.64796	1.37639	1.37639	1.35797
13949	2.65047	1.37666	1.37666	1.33745
13950	2.64971	1.37668	1.37668	1.34315
13951	2.64743	1.37651	1.37651	1.34102
13952	2.60438	0.94695	0.94695	1.06378
13953	2.53965	0.77901	0.77901	0.7355
13954	2.64436	1.37622	1.37622	1.32391
13955	2.64645	1.37678	1.37678	1.33479
13956	2.63563	1.37703	1.37703	1.29476
13957	2.60209	1.37819	1.37819	1.28514
13958	2.5869	0.97137	0.97137	1.04961
13959	2.58692	1.00782	1.00782	1.1136
13960	2.58876	1.37386	1.37386	1.28274
13961	2.56705	1.37743	1.37743	1.27187
13962	2.51205	0	0	0
13963	2.50915	0.81771	0.81771	0.8364
13964	2.71726	1.13386	1.13386	1.09991
13965	2.72799	1.19643	1.19643	1.34631
13966	2.72481	1.18996	1.18996	1.33012
13967	2.7251	1.18901	1.18901	1.33925
13968	2.71612	1.17954	1.17954	1.31708
13969	2.59246	0.9221	0.9221	1.01802
13970	2.59625	0.66451	0.66451	0.96667
13971	2.52837	0.89071	0.89071	0.97318
13972	2.52777	0.45754	0.45754	0.72816
13973	2.51981	0.12856	0.12856	0.20086
13974	2.51911	0.75751	0.75751	0.69248
13975	2.54218	0.81343	0.81343	0.7772
13976	2.61381	0.97074	0.97074	1.02104
13977	2.61291	0.8504	0.8504	0.86307
13978	2.62305	1.00244	1.00244	1.06716
13979	2.6665	0.99363	0.99363	1.12905
13980	2.60672	0.98182	0.98182	1.10426

13981	2.51865	0.96644	0.96644	1.07029
13982	2.48399	0.81615	0.81615	0.83376
13983	2.48272	0.9514	0.9514	1.0432
13984	2.44564	0.88558	0.88558	0.93715
13985	2.44615	0.81415	0.81415	0.82573
13986	2.4025	0	0	0
13987	2.46205	0	0	0
13988	2.39482	0.14156	0.14156	0.2176
13989	2.65067	0.72266	0.72266	1.02541
13990	2.69116	1.17213	1.17213	1.32544
13991	2.69338	1.16833	1.16833	1.3271
13992	2.67852	1.1648	1.1648	1.32562
13993	2.67643	1.12753	1.12753	1.27824
13994	2.59098	0.91004	0.91004	0.98088
13995	2.55094	0.87596	0.87596	0.93148
13996	2.52376	0.81908	0.81908	0.83941
13997	2.49287	0	0	0
13998	2.40277	0	0	0
13999	2.459	0.80902	0.80902	0.82936
14000	2.52857	0.89978	0.89978	0.98451
14001	2.53188	0	0	0
14002	2.57325	0.92429	0.92429	1.02558
14003	2.62306	1.00672	1.00672	1.16643
14004	2.62142	1.0413	1.0413	1.21838
14005	2.60708	1.03776	1.03776	1.13496
14006	2.55905	0.86886	0.86886	0.93975
14007	2.55771	0.96775	0.96775	1.09736
14008	2.55348	0.99609	0.99609	1.13895
14009	2.48454	0.81095	0.81095	0.8337
14010	2.43052	0	0	0
14011	2.51685	0.89772	0.89772	0.97985
14012	2.46053	0.86308	0.86308	0.91457
14013	2.44238	0.80753	0.80753	0.82449
14014	2.41527	0	0	0
14015	2.49219	0.81034	0.81034	0.83575
14016	2.45681	0	0	0
14017	2.48859	0	0	0
14018	2.50406	0.89934	0.89934	0.97107
14019	2.51023	0.81167	0.81167	0.8387
14020	2.44347	0	0	0
14021	2.55679	0.84527	0.84527	0.90279

14022	2.56265	0	0	0
14023	2.5812	0.97529	0.97529	1.10453
14024	2.59057	0.88769	0.88769	0.97324
14025	2.60887	1.02605	1.02605	1.16994
14026	2.61254	1.01986	1.01986	1.16933
14027	2.61977	0.9866	0.9866	1.11972
14028	2.60311	1.07776	1.07776	1.16324
14029	2.65059	1.08047	1.08047	1.24722
14030	2.65773	1.00791	1.00791	1.12749
14031	2.6668	1.12489	1.12489	1.31846
14032	2.62359	0.86304	0.86304	1.13227
14033	2.71617	1.08479	1.08479	1.34068
14034	2.70239	1.1238	1.1238	1.35587
14035	2.53361	0.45368	0.45368	0.7235
14036	2.5922	0.9932	0.9932	1.09993
14037	2.52811	0.98153	0.98153	1.08521
14038	2.52371	0.97152	0.97152	1.07821
14039	2.50366	0.95863	0.95863	1.06305
14040	2.45808	0.87978	0.87978	0.94749
14041	2.45813	0.94334	0.94334	1.04674
14042	2.42547	0.80659	0.80659	0.82057
14043	2.37717	0.15308	0.15308	0.25289
14044	2.40087	0	0	0
14045	2.40811	0.8058	0.8058	0.81575
14046	2.4082	0	0	0
14047	2.55666	0.88507	0.88507	0.96422
14048	2.55976	0	0	0
14049	2.50536	0.80781	0.80781	0.83393
14050	2.47532	0.75132	0.75132	0.74119
14051	2.45972	0.31269	0.31269	0.37051
14052	2.47373	0.21964	0.21964	0.35889
14053	2.60807	0.86104	0.86104	1.12808
14054	2.72007	1.08754	1.08754	1.38078
14055	2.71332	1.06305	1.06305	1.3802
14056	2.59474	0.97966	0.97966	1.12624
14057	2.57443	0.9681	0.9681	1.10525
14058	2.52924	0.95414	0.95414	1.07507
14059	2.53259	0.92236	0.92236	1.02573
14060	2.45897	0	0	0
14061	2.46287	0.86375	0.86375	0.92015
14062	2.46416	0	0	0

14063	2.40214	0	0	0
14064	2.45442	0	0	0
14065	2.32183	0	0	0
14066	2.35677	0.81964	0.81964	0.79725
14067	2.36426	0.87644	0.87644	0.88456
14068	2.37191	0.90996	0.90996	0.93656
14069	2.40228	0.93614	0.93614	0.98069
14070	2.35512	0	0	0
14071	2.39414	0.82196	0.82196	0.80393
14072	2.44548	0.88221	0.88221	0.89929
14073	2.44776	0.9155	0.9155	0.95115
14074	2.45247	0.93948	0.93948	0.98822
14075	2.44945	1.01469	1.01469	1.10632
14076	2.45463	0.98722	0.98722	1.06978
14077	2.45504	1.02311	1.02311	1.1183
14078	2.51265	1.07756	1.07756	1.20946
14079	2.55649	1.08479	1.08479	1.22473
14080	2.58032	1.09041	1.09041	1.23465
14081	2.62743	1.09773	1.09773	1.24705
14082	2.59586	1.07619	1.07619	1.12879
14083	2.44121	0.97348	0.97348	1.04689
14084	2.42293	0.95696	0.95696	1.02067
14085	2.42609	0.91539	0.91539	0.95933
14086	2.37637	0	0	0
14087	2.37961	0.82231	0.82231	0.8067
14088	2.38874	0	0	0
14089	2.34525	0	0	0
14090	2.43974	0	0	0
14091	2.50302	0.83645	0.83645	0.8317
14092	2.58462	0.89836	0.89836	0.93774
14093	2.50085	0	0	0
14094	2.52962	0.84139	0.84139	0.83767
14095	2.57042	0.90128	0.90128	0.9349
14096	2.49904	0	0	0
14097	2.5747	0.83836	0.83836	0.85026
14098	2.50069	0	0	0
14099	2.59249	0.92613	0.92613	1.0376
14100	2.59842	0.81595	0.81595	0.8568
14101	2.47706	0.81104	0.81104	0.83017
14102	2.44979	0	0	0
14103	2.62892	0.94535	0.94535	1.07344

14104	2.64972	0.95863	0.95863	1.10127
14105	2.70085	1.06068	1.06068	1.37414
14106	2.69437	1.00178	1.00178	1.17735
14107	2.69909	0.97327	0.97327	1.13261
14108	2.56852	0	0	0
14109	2.583	0	0	0
14110	2.67969	1.11236	1.11236	1.36138
14111	2.69378	1.12572	1.12572	1.36618
14112	2.62876	0.95304	0.95304	1.17745
14113	2.68323	1.1108	1.1108	1.31784
14114	2.69624	1.15775	1.15775	1.35874
14115	2.69598	1.16418	1.16418	1.35386
14116	2.69446	1.16728	1.16728	1.35277
14117	2.69961	1.17316	1.17316	1.35222
14118	2.69706	1.17627	1.17627	1.35096
14119	2.70353	1.18208	1.18208	1.35174
14120	2.70118	1.18467	1.18467	1.35193
14121	2.69785	1.19076	1.19076	1.3421
14122	2.69425	1.19261	1.19261	1.33693
14123	2.68663	1.19788	1.19788	1.32788
14124	2.68942	1.20754	1.20754	1.32323
14125	2.67466	1.22798	1.22798	1.29987
14126	2.58027	0.93217	0.93217	0.9926
14127	2.55063	0.89675	0.89675	0.93605
14128	2.51659	0.83688	0.83688	0.83983
14129	2.45149	0	0	0
14130	2.4049	0	0	0
14131	2.45232	0.83324	0.83324	0.8262
14132	2.48983	0.8928	0.8928	0.92127
14133	2.57309	0.93176	0.93176	0.9848
14134	2.57805	0	0	0
14135	2.57426	1.00567	1.00567	1.10943
14136	2.57523	0.91261	0.91261	0.96588
14137	2.54575	0.83776	0.83776	0.84293
14138	2.45004	0.18057	0.18057	0.27839
14139	2.47004	0	0	0
14140	2.49668	0	0	0
14141	2.48918	0.89203	0.89203	0.92022
14142	2.4921	0.83482	0.83482	0.83461
14143	2.47427	0	0	0
14144	2.58986	1.09214	1.09214	1.20612

14145	2.59071	1.08514	1.08514	1.19822
14146	2.60004	1.07922	1.07922	1.19741
14147	2.51617	0	0	0.23356
14148	2.57745	1.07388	1.07388	1.1657
14149	2.59903	1.06944	1.06944	1.20186
14150	2.58816	0.82096	0.82096	0.85994
14151	2.58717	1.06306	1.06306	1.20833
14152	2.56661	1.04811	1.04811	1.18632
14153	2.57002	1.0389	1.0389	1.17466
14154	2.57706	1.02873	1.02873	1.16672
14155	2.51565	0.76216	0.76216	0.74998
14156	2.45765	0	0	0
14157	2.56637	0.64261	0.64261	0.87356
14158	2.56516	0.78304	0.78304	0.88563
14159	2.57553	0.83597	0.83597	0.92642
14160	2.4821	0.20416	0.20416	0.33819
14161	2.4564	0	0	0
14162	2.53085	0.76086	0.76086	0.74648
14163	2.4824	0.21074	0.21074	0.34623
14164	2.53448	0.96368	0.96368	1.06451
14165	2.53267	1.01558	1.01558	1.15286
14166	2.51518	0.82983	0.82983	0.8393
14167	2.51004	0.94369	0.94369	1.03303
14168	2.42053	0.26587	0.26587	0.4432
14169	2.49458	0	0	0
14170	2.4382	0	0	0
14171	2.43862	0	0	0
14172	2.48388	0.90111	0.90111	0.95567
14173	2.49076	0.8289	0.8289	0.83658
14174	2.63323	1.3054	1.3054	1.19985
14175	2.63321	1.34049	1.34049	1.23046
14176	2.6766	1.31596	1.31596	1.19631
14177	2.64285	1.23042	1.23042	1.28465
14178	2.6449	0.84632	0.84632	0.8538
14179	2.5946	0	0	0
14180	2.68803	1.31509	1.31509	1.22886
14181	2.67861	1.31457	1.31457	1.20928
14182	2.68875	1.31199	1.31199	1.22486
14183	2.577	1.00941	1.00941	1.11436
14184	2.54679	0.99635	0.99635	1.09209
14185	2.55017	0.9686	0.9686	1.04903

14186	2.49279	0	0	0
14187	2.5239	0.94831	0.94831	1.01707
14188	2.4974	0.92299	0.92299	0.97564
14189	2.4387	0.88566	0.88566	0.91029
14190	2.42444	0.82784	0.82784	0.82023
14191	2.40812	0	0	0
14192	2.60934	1.05874	1.05874	1.24109
14193	2.70781	1.3051	1.3051	1.21067
14194	2.68848	1.304	1.304	1.26471
14195	2.66814	1.30276	1.30276	1.24609
14196	2.55088	0.84032	0.84032	0.84843
14197	2.4812	0	0	0
14198	2.5658	1.02053	1.02053	1.08639
14199	2.53658	1.00929	1.00929	1.06798
14200	2.5211	0.95198	0.95198	1.00402
14201	2.5099	0.99648	0.99648	1.06307
14202	2.48836	0.83988	0.83988	0.8059
14203	2.48267	0.92615	0.92615	0.95615
14204	2.42794	0	0	0
14205	2.42286	0	0	0
14206	2.43492	0	0	0
14207	2.47207	0.83337	0.83337	0.82701
14208	2.45318	0.89341	0.89341	0.89672
14209	2.43556	0.83422	0.83422	0.80896
14210	2.41217	0	0	0
14211	2.53361	1.0517	1.0517	1.19275
14212	2.48259	0.89183	0.89183	0.94491
14213	2.48213	1.0346	1.0346	1.15035
14214	2.48054	1.0443	1.0443	1.17441
14215	2.45019	1.00248	1.00248	1.09872
14216	2.4503	0.98509	0.98509	1.08768
14217	2.45355	0.93793	0.93793	1.01884
14218	2.43497	0.91801	0.91801	0.99227
14219	2.43558	0.86327	0.86327	0.90948
14220	2.4101	0.80662	0.80662	0.82009
14221	2.37879	0	0	0
14222	2.3775	0	0	0
14223	2.34615	0	0	0
14224	2.37173	0.80403	0.80403	0.80623
14225	2.4051	0.86234	0.86234	0.89752
14226	2.42188	0	0	0

14227	2.44802	0.81108	0.81108	0.82811
14228	2.40602	0.29992	0.29992	0.45271
14229	2.42148	0.87141	0.87141	0.90259
14230	2.38504	0.81481	0.81481	0.81117
14231	2.3758	0	0	0
14232	2.63947	1.08107	1.08107	1.25221
14233	2.64341	1.07511	1.07511	1.2487
14234	2.59301	1.06848	1.06848	1.2319
14235	2.59569	1.03592	1.03592	1.17896
14236	2.59567	1.02222	1.02222	1.16197
14237	2.57289	1.01441	1.01441	1.15438
14238	2.56975	0.9306	0.9306	1.02032
14239	2.46284	0.30221	0.30221	0.47961
14240	2.53676	0.90656	0.90656	0.9814
14241	2.52491	0.87329	0.87329	0.93101
14242	2.52484	0	0	0
14243	2.52685	0.95315	0.95315	1.04745
14244	2.52726	0.92871	0.92871	1.01168
14245	2.48908	0.90343	0.90343	0.97021
14246	2.48832	0.81616	0.81616	0.83168
14247	2.44025	0	0	0
14248	2.45876	0	0	0
14249	2.43211	0	0	0
14250	2.51097	0.95204	0.95204	1.03973
14251	2.51025	0.93666	0.93666	1.02377
14252	2.50972	0.84802	0.84802	0.88941
14253	2.4427	0.10984	0.10984	0.17234
14254	2.44422	0	0	0
14255	2.47508	0.81582	0.81582	0.8296
14256	2.47414	0	0	0
14257	2.5488	0	0	0
14258	2.47291	0.4031	0.4031	0.63114
14259	2.54541	0	0	0
14260	2.62394	0	0	0
14261	2.62355	0.91467	0.91467	0.99976
14262	2.62631	0	0	0
14263	2.5835	0	0	0
14264	2.58151	0.87798	0.87798	0.94064
14265	2.52519	0	0	0
14266	2.69213	1.04235	1.04235	1.15617
14267	2.67584	1.10986	1.10986	1.30974

14268	2.66781	0.82392	0.82392	0.86974
14269	2.603	0	0	0
14270	2.62093	1.0997	1.0997	1.29251
14271	2.6263	1.07434	1.07434	1.27358
14272	2.56239	0.97404	0.97404	1.05759
14273	2.56655	0.94894	0.94894	1.02805
14274	2.54167	0.93189	0.93189	0.99881
14275	2.54397	0.88788	0.88788	0.96481
14276	2.54616	0.81128	0.81128	0.93088
14277	2.48847	0	0	0
14278	2.61423	1.06429	1.06429	1.27337
14279	2.61426	1.07061	1.07061	1.28154
14280	2.5877	1.05879	1.05879	1.26629
14281	2.58914	1.03497	1.03497	1.25452
14282	2.52284	0	0	0
14283	2.49628	0.8144	0.8144	0.83665
14284	2.49247	0.92426	0.92426	1.00796
14285	2.4827	0	0	0
14286	2.42886	0.81101	0.81101	0.82133
14287	2.41565	0	0	0
14288	2.57656	1.02904	1.02904	1.25308
14289	2.57794	1.01979	1.01979	1.25075
14290	2.57229	1.01427	1.01427	1.24816
14291	2.57251	0.9954	0.9954	1.23786
14292	2.57535	0.99197	0.99197	1.24665
14293	2.55681	0.97951	0.97951	1.23306
14294	2.55766	0.96901	0.96901	1.22855
14295	2.49169	0	0	0
14296	2.50481	0.81685	0.81685	0.84003
14297	2.45816	0	0	0
14298	2.53426	0.72763	0.72763	0.92623
14299	2.46933	0	0	0
14300	2.45859	0	0	0
14301	2.48168	0	0	0
14302	2.55785	0.97273	0.97273	1.21167
14303	2.54679	0.96734	0.96734	1.2206
14304	2.47257	0.96416	0.96416	1.04126
14305	2.44172	0.94997	0.94997	1.02971
14306	2.44986	0.89505	0.89505	0.95563
14307	2.44233	0.86253	0.86253	0.90437
14308	2.4227	0.80708	0.80708	0.81843

14309	2.37494	0	0	0
14310	2.35635	0	0	0
14311	2.39419	0.80587	0.80587	0.81083
14312	2.37917	0	0	0
14313	2.393	0.80499	0.80499	0.81428
14314	2.41127	0.86037	0.86037	0.90317
14315	2.3591	0.85682	0.85682	0.88949
14316	2.35006	0.80192	0.80192	0.80463
14317	2.34051	0	0	0
14318	2.42942	0.94859	0.94859	1.03934
14319	2.44011	0.96109	0.96109	1.0583
14320	2.47415	0.97295	0.97295	1.08103
14321	2.50138	0.98189	0.98189	1.1009
14322	2.49998	1.011	1.011	1.14331
14323	2.54071	1.01849	1.01849	1.15971
14324	2.45843	0.86156	0.86156	0.91191
14325	2.44985	0.80878	0.80878	0.82832
14326	2.40098	0	0	0
14327	2.62545	1.20511	1.20511	1.2888
14328	2.62486	1.20412	1.20412	1.28643
14329	2.63063	1.203	1.203	1.28414
14330	2.64476	1.20446	1.20446	1.27261
14331	2.64297	1.20473	1.20473	1.26436
14332	2.55596	0.52751	0.52751	0.63964
14333	2.63767	1.2018	1.2018	1.26972
14334	2.64876	1.20414	1.20414	1.25904
14335	2.66589	1.21012	1.21012	1.30714
14336	2.67244	1.20796	1.20796	1.28821
14337	2.65939	1.21111	1.21111	1.29845
14338	2.44843	0	0	0
14339	2.47493	0.80591	0.80591	0.83084
14340	2.43615	0.36725	0.36725	0.57778
14341	2.44513	0.80572	0.80572	0.82601
14342	2.4354	0	0	0
14343	2.45179	0.80603	0.80603	0.82605
14344	2.44093	0	0	0
14345	2.44745	0.80643	0.80643	0.82987
14346	2.43351	0	0	0
14347	2.38164	0	0	0
14348	2.41644	0.80695	0.80695	0.81298
14349	2.45487	0.86393	0.86393	0.90974

14350	2.48512	0.97547	0.97547	1.08539
14351	2.49078	0.89841	0.89841	0.97106
14352	2.51446	1.0214	1.0214	1.16621
14353	2.51846	1.00925	1.00925	1.14992
14354	2.51885	0.98646	0.98646	1.11089
14355	2.53118	1.0333	1.0333	1.15937
14356	2.53675	1.02795	1.02795	1.16387
14357	2.54925	1.08282	1.08282	1.24085
14358	2.55057	1.05782	1.05782	1.2084
14359	2.54838	0.91376	0.91376	1.00019
14360	2.57856	1.10855	1.10855	1.22182
14361	2.56726	1.09166	1.09166	1.24303
14362	2.57342	1.08678	1.08678	1.24434
14363	2.48031	0	0	0
14364	2.46375	0.95231	0.95231	1.02972
14365	2.42821	0.93562	0.93562	1.00075
14366	2.42236	0.91713	0.91713	0.97268
14367	2.40069	0.89316	0.89316	0.93951
14368	2.3653	0.85907	0.85907	0.87782
14369	2.35598	0.8031	0.8031	0.79113
14370	2.31611	0	0	0
14371	2.48389	0.86731	0.86731	0.92028
14372	2.46975	0.36383	0.36383	0.58643
14373	2.43372	0.80951	0.80951	0.82374
14374	2.39001	0	0	0
14375	2.4228	0	0	0
14376	2.44465	0.80963	0.80963	0.81766
14377	2.40794	0	0	0
14378	2.42201	0.8929	0.8929	0.94125
14379	2.40927	0.86039	0.86039	0.89946
14380	2.39059	0.80476	0.80476	0.80922
14381	2.36616	0	0	0
14382	2.5557	1.07462	1.07462	1.22513
14383	2.51893	1.0697	1.0697	1.22198
14384	2.51245	0.92018	0.92018	1.00665
14385	2.50921	1.05247	1.05247	1.20126
14386	2.50563	1.0659	1.0659	1.21866
14387	2.4887	0.89645	0.89645	0.96722
14388	2.41508	0.86071	0.86071	0.89965
14389	2.39705	0.80578	0.80578	0.81407
14390	2.35482	0	0	0

14391	2.45503	0.86289	0.86289	0.91379
14392	2.44707	0.80812	0.80812	0.82846
14393	2.42931	0	0	0
14394	2.45836	0.99677	0.99677	1.11145
14395	2.45595	1.02336	1.02336	1.15206
14396	2.44061	0.98801	0.98801	1.09729
14397	2.38802	0.31523	0.31523	0.49468
14398	2.42264	0.93285	0.93285	1.01167
14399	2.42217	0.97874	0.97874	1.08052
14400	2.4004	0.91399	0.91399	0.97675
14401	2.38021	0.88813	0.88813	0.94021
14402	2.34576	0.85404	0.85404	0.88467
14403	2.32962	0.79895	0.79895	0.79668
14404	2.31418	0	0	0
14405	2.37322	0	0	0
14406	2.38905	0.80283	0.80283	0.80547
14407	2.40402	0.85986	0.85986	0.89059
14408	2.42881	0.8068	0.8068	0.82553
14409	2.42893	0.87749	0.87749	0.93528
14410	2.40248	0	0	0
14411	2.35497	0	0	0
14412	2.38242	0.80096	0.80096	0.80179
14413	2.41086	0.85698	0.85698	0.89672
14414	2.40981	0.91164	0.91164	0.98593
14415	2.34806	0	0	0
14416	2.42802	0.93008	0.93008	1.01621
14417	2.42333	0.96641	0.96641	1.06926
14418	2.39544	0.80243	0.80243	0.8072
14419	2.35536	0	0	0
14420	2.43719	0.97679	0.97679	1.07102
14421	2.45369	0.98586	0.98586	1.07291
14422	2.45873	1.01774	1.01774	1.13046
14423	2.45857	1.05489	1.05489	1.18883
14424	2.48791	1.06002	1.06002	1.1947
14425	2.48581	1.07162	1.07162	1.20669
14426	2.39747	0	0	0
14427	2.4091	0.80433	0.80433	0.81165
14428	2.44065	0.86005	0.86005	0.90085
14429	2.52026	1.07666	1.07666	1.21422
14430	2.55032	1.08075	1.08075	1.21748
14431	2.60436	0.71232	0.71232	0.73444

14432	2.31722	0	0	0
14433	2.3303	0.79841	0.79841	0.78652
14434	2.34313	0.85316	0.85316	0.86755
14435	2.364	0.88644	0.88644	0.92432
14436	2.41186	0.95595	0.95595	1.046
14437	2.40725	0.85822	0.85822	0.89669
14438	2.40037	0.80371	0.80371	0.81506
14439	2.38082	0	0	0
14440	2.4163	0.80446	0.80446	0.81597
14441	2.41154	0.89011	0.89011	0.94199
14442	2.40634	0	0	0
14443	2.36093	0	0	0
14444	2.55521	1.05553	1.05553	1.1803
14445	2.50421	1.04971	1.04971	1.1726
14446	2.51322	1.02428	1.02428	1.14484
14447	2.50941	0.89522	0.89522	0.9628
14448	2.5068	1.0186	1.0186	1.14827
14449	2.48856	0.86219	0.86219	0.91259
14450	2.49914	0	0	0
14451	2.47978	0	0	0
14452	2.45758	0.98233	0.98233	1.09193
14453	2.46179	0.89246	0.89246	0.95333
14454	2.42823	0.92163	0.92163	0.99428
14455	2.42975	0.89046	0.89046	0.94797
14456	2.43739	0	0	0
14457	2.39952	0.80261	0.80261	0.80657
14458	2.37334	0	0	0
14459	2.38299	0.26012	0.26012	0.41409
14460	2.44237	0.85972	0.85972	0.89697
14461	2.41835	0.80363	0.80363	0.80458
14462	2.40158	0	0	0
14463	2.45757	0.91554	0.91554	0.97358
14464	2.43637	0.89165	0.89165	0.94003
14465	2.42818	0.85937	0.85937	0.89464
14466	2.41724	0.80442	0.80442	0.81072
14467	2.38695	0	0	0
14468	2.59957	1.11501	1.11501	1.24005
14469	2.58662	1.11201	1.11201	1.2139
14470	2.60583	1.11779	1.11779	1.21458
14471	2.64005	1.12131	1.12131	1.19697
14472	2.60795	0.92673	0.92673	1.13508

14473	2.52171	0	0	0
14474	2.44952	0	0	0
14475	2.49361	0.81532	0.81532	0.83447
14476	2.5401	0.94502	0.94502	1.02096
14477	2.5484	0.87298	0.87298	0.92626
14478	2.47288	0.81453	0.81453	0.82344
14479	2.41835	0	0	0
14480	2.54112	0.972	0.972	1.06563
14481	2.5443	0.95944	0.95944	1.03107
14482	2.62833	1.03656	1.03656	1.16391
14483	2.50573	0.95781	0.95781	1.03963
14484	2.42679	0.93828	0.93828	1.0004
14485	2.42672	0.81178	0.81178	0.81303
14486	2.39217	0	0	0
14487	2.36579	0.86161	0.86161	0.8695
14488	2.32009	0.80377	0.80377	0.78856
14489	2.29385	0	0	0
14490	2.688	1.25902	1.25902	1.15753
14491	2.63716	1.11975	1.11975	1.07449
14492	2.6727	1.242	1.242	1.0745
14493	2.69098	1.24393	1.24393	1.21394
14494	2.69641	1.24288	1.24288	1.22589
14495	2.71322	1.2419	1.2419	1.22763
14496	2.71829	1.23556	1.23556	1.2743
14497	2.71981	1.23489	1.23489	1.27473
14498	2.69881	1.17904	1.17904	1.30423
14499	2.69334	1.17763	1.17763	1.30205
14500	2.68422	1.16808	1.16808	1.30314
14501	2.60478	0.9748	0.9748	1.12931
14502	2.62732	1.0505	1.0505	1.19823
14503	2.62081	1.06171	1.06171	1.20705
14504	2.56515	0.94126	0.94126	1.05468
14505	2.56454	0.98339	0.98339	1.11694
14506	2.56023	1.04379	1.04379	1.18517
14507	2.53292	0	0	0
14508	2.5405	0.84244	0.84244	0.89816
14509	2.52035	0.81202	0.81202	0.84474
14510	2.51879	0.92139	0.92139	1.01592
14511	2.47829	0.21848	0.21848	0.34393
14512	2.48236	0	0	0
14513	2.44793	0.80863	0.80863	0.82632

14514	2.41712	0	0	0
14515	2.48227	0	0	0
14516	2.545	0.81379	0.81379	0.84226
14517	2.48739	0.97323	0.97323	1.05882
14518	2.45484	0.96013	0.96013	1.03443
14519	2.45209	0.9334	0.9334	0.98906
14520	2.41935	0.91409	0.91409	0.96653
14521	2.40708	0.89112	0.89112	0.94225
14522	2.37984	0.85766	0.85766	0.88607
14523	2.35263	0.80146	0.80146	0.79453
14524	2.33097	0	0	0
14525	2.39726	0	0	0
14526	2.29187	0.9058	0.9058	0.93435
14527	2.29023	0.79865	0.79865	0.77535
14528	2.31912	0.96219	0.96219	1.01629
14529	2.31849	0.92572	0.92572	0.96227
14530	2.33134	0.97255	0.97255	1.02829
14531	2.35507	0.98324	0.98324	1.04985
14532	2.37493	0.99257	0.99257	1.06817
14533	2.39226	1.0009	1.0009	1.08134
14534	2.3025	0.79951	0.79951	0.77975
14535	2.28641	0	0	0
14536	2.26721	0.79622	0.79622	0.76863
14537	2.25522	0	0	0
14538	2.26625	0	0	0
14539	2.39902	0	0	0
14540	2.38054	0	0	0
14541	2.43823	0.86637	0.86637	0.90745
14542	2.50406	0.90179	0.90179	0.96929
14543	2.50285	0.95685	0.95685	1.05197
14544	2.43609	0.81174	0.81174	0.8278
14545	2.39088	0	0	0
14546	2.58615	0.97312	0.97312	1.08742
14547	2.58364	1.01568	1.01568	1.14634
14548	2.50384	0.90267	0.90267	0.97625
14549	2.50462	0.81577	0.81577	0.84395
14550	2.46543	0	0	0
14551	2.44351	0	0	0
14552	2.59318	0	0	0
14553	2.59458	0.97608	0.97608	1.19644
14554	2.60864	0.98673	0.98673	1.19387

14555	2.62393	0.92431	0.92431	1.08828
14556	2.53171	0.95307	0.95307	1.18474
14557	2.47052	0.94116	0.94116	1.10221
14558	2.40668	0	0	0
14559	2.42382	0.80765	0.80765	0.82484
14560	2.47149	1.00244	1.00244	1.13067
14561	2.46971	0.9739	0.9739	1.11641
14562	2.47014	0.96714	0.96714	1.10995
14563	2.46588	0.86436	0.86436	0.9123
14564	2.4203	0.89328	0.89328	0.9477
14565	2.38365	0	0	0
14566	2.38304	0.85895	0.85895	0.89534
14567	2.34002	0	0	0
14568	2.4194	0	0	0
14569	2.41838	0.94712	0.94712	1.02238
14570	2.38424	0.91291	0.91291	0.9679
14571	2.36201	0	0	0
14572	2.36091	0.8886	0.8886	0.92999
14573	2.33209	0.80082	0.80082	0.80009
14574	2.30506	0	0	0
14575	2.35643	0.88973	0.88973	0.92173
14576	2.38904	0.91492	0.91492	0.95781
14577	2.40501	0.93266	0.93266	0.98035
14578	2.44915	0.94973	0.94973	1.00746
14579	2.51467	0.96588	0.96588	1.04202
14580	2.5135	1.01526	1.01526	1.12584
14581	2.57726	1.02473	1.02473	1.14765
14582	2.47725	0.81222	0.81222	0.83568
14583	2.47665	0.92122	0.92122	1.00123
14584	2.43244	0.80976	0.80976	0.82576
14585	2.42038	0	0	0
14586	2.45261	0	0	0
14587	2.38858	0.89289	0.89289	0.94447
14588	2.38943	0	0	0
14589	2.39646	0.91602	0.91602	0.97987
14590	2.41576	1.03905	1.03905	1.1489
14591	2.41568	0.93493	0.93493	1.0097
14592	2.35721	0.80465	0.80465	0.80713
14593	2.33697	0	0	0
14594	2.44112	1.04511	1.04511	1.1603
14595	2.45188	1.04988	1.04988	1.16512

14596	2.46595	1.06136	1.06136	1.17965
14597	2.46672	1.05486	1.05486	1.17137
14598	2.41715	0.74855	0.74855	0.75288
14599	2.51152	1.06781	1.06781	1.19617
14600	2.37327	0.33426	0.33426	0.47707
14601	2.36909	0.25454	0.25454	0.38492
14602	2.40288	0.74716	0.74716	0.73055
14603	2.4427	0.80433	0.80433	0.82227
14604	2.49246	0.839	0.839	0.8837
14605	2.51959	0.86317	0.86317	0.92487
14606	2.5689	0.88329	0.88329	0.95961
14607	2.5859	1.08255	1.08255	1.23793
14608	2.58646	1.09046	1.09046	1.24927
14609	2.51244	0.81491	0.81491	0.84419
14610	2.44685	0	0	0
14611	2.59767	1.09351	1.09351	1.24395
14612	2.64236	1.09886	1.09886	1.24766
14613	2.6912	1.10375	1.10375	1.25424
14614	2.29622	0	0	0
14615	2.30732	0.80046	0.80046	0.7838
14616	2.32032	0.85546	0.85546	0.87023
14617	2.61743	1.03219	1.03219	1.16245
14618	2.61601	1.04725	1.04725	1.18298
14619	2.56307	0.81662	0.81662	0.8518
14620	2.50943	0	0	0
14621	2.7375	1.26862	1.26862	1.36801
14622	2.73514	1.26403	1.26403	1.35983
14623	2.73305	1.26349	1.26349	1.35839
14624	2.54143	0	0	0
14625	2.60617	0.81878	0.81878	0.86336
14626	2.71613	1.26149	1.26149	1.35643
14627	2.69599	1.25084	1.25084	1.296
14628	2.48091	1.00815	1.00815	1.1339
14629	2.48981	1.01465	1.01465	1.13972
14630	2.49896	1.021	1.021	1.14697
14631	2.5119	1.02837	1.02837	1.14699
14632	2.55135	1.02658	1.02658	1.13686
14633	2.61107	1.09138	1.09138	1.24754
14634	2.52009	1.01934	1.01934	1.12037
14635	2.50266	1.01249	1.01249	1.11113
14636	2.48346	1.00495	1.00495	1.09099

14637	2.47912	0.98031	0.98031	1.07384
14638	2.42065	0.86254	0.86254	0.90163
14639	2.39015	0.80643	0.80643	0.81989
14640	2.36495	0	0	0
14641	2.47282	0.97254	0.97254	1.06764
14642	2.46807	0.96353	0.96353	1.06372
14643	2.46544	0.93232	0.93232	1.05992
14644	2.46553	0.8665	0.8665	1.05976
14645	2.41546	0.80892	0.80892	0.81998
14646	2.40097	0	0	0
14647	2.41471	0.86432	0.86432	0.89896
14648	2.39793	0.80884	0.80884	0.81633
14649	2.38603	0	0	0
14650	2.46388	0.85336	0.85336	1.0605
14651	2.46531	0.86014	0.86014	1.08875
14652	2.46461	0.90769	0.90769	1.10163
14653	2.48229	0.92915	0.92915	1.1119
14654	2.48179	0.97999	0.97999	1.13803
14655	2.51931	0.97869	0.97869	1.06661
14656	2.41445	0	0	0
14657	2.3631	0	0	0
14658	2.38375	0.80736	0.80736	0.81763
14659	2.41157	0.86342	0.86342	0.90325
14660	2.55966	1.0468	1.0468	1.20383
14661	2.48285	0.96623	0.96623	1.04417
14662	2.45945	0.9528	0.9528	1.02431
14663	2.44422	0.93752	0.93752	1.00368
14664	2.43365	0	0	0
14665	2.43111	0.91926	0.91926	0.97953
14666	2.39744	0.86261	0.86261	0.89181
14667	2.38158	0.80729	0.80729	0.80942
14668	2.34737	0	0	0
14669	2.55087	0.98115	0.98115	1.08506
14670	2.55268	0	0	0
14671	2.47869	0.9543	0.9543	1.03265
14672	2.4445	0.93801	0.93801	1.00858
14673	2.42893	0.91972	0.91972	0.98486
14674	2.42768	0.81079	0.81079	0.82459
14675	2.39999	0	0	0
14676	2.39788	0.80881	0.80881	0.81751
14677	2.38846	0	0	0

14678	2.68698	1.24951	1.24951	1.2887
14679	2.67173	1.24013	1.24013	1.25814
14680	2.59471	1.08436	1.08436	1.22341
14681	2.58095	1.08077	1.08077	1.23009
14682	2.58242	1.0393	1.0393	1.16802
14683	2.53746	1.03162	1.03162	1.15431
14684	2.54269	1.02039	1.02039	1.14
14685	2.52492	1.01303	1.01303	1.12688
14686	2.52469	0.90325	0.90325	0.96822
14687	2.50663	0.87054	0.87054	0.91761
14688	2.49667	0.81531	0.81531	0.83735
14689	2.47644	0	0	0
14690	2.49165	0.96823	0.96823	1.05679
14691	2.4556	0.95416	0.95416	1.03519
14692	2.45703	0.92231	0.92231	0.99038
14693	2.43645	0.89813	0.89813	0.94726
14694	2.40893	0.86447	0.86447	0.89382
14695	2.38302	0.80857	0.80857	0.80331
14696	2.35262	0	0	0
14697	2.42395	0	0	0
14698	2.48428	0	0	0
14699	2.548	0.99223	0.99223	1.10271
14700	2.54007	0.98243	0.98243	1.09079
14701	2.54826	0.95947	0.95947	1.06574
14702	2.54989	0.92765	0.92765	1.02213
14703	2.55009	0.81785	0.81785	0.85267
14704	2.51406	0	0	0
14705	2.49847	0.81565	0.81565	0.84083
14706	2.4708	0	0	0
14707	2.47937	0	0	0
14708	2.4674	0	0	0
14709	2.65963	1.15599	1.15599	1.31441
14710	2.66509	1.15151	1.15151	1.31752
14711	2.66162	1.14945	1.14945	1.32897
14712	2.64743	1.14417	1.14417	1.32106
14713	2.64802	1.13468	1.13468	1.30924
14714	2.6367	1.13209	1.13209	1.30753
14715	2.64116	1.11034	1.11034	1.28142
14716	2.64449	1.10643	1.10643	1.28406
14717	2.64001	1.0896	1.0896	1.25722
14718	2.59877	1.00139	1.00139	1.12726

14719	2.54981	0.99086	0.99086	1.11372
14720	2.53338	0.98062	0.98062	1.09981
14721	2.40374	0	0	0
14722	2.43095	0.81099	0.81099	0.82517
14723	2.4554	0.86709	0.86709	0.91484
14724	2.46896	0.89975	0.89975	0.9671
14725	2.45723	0.89895	0.89895	0.96023
14726	2.41625	0.86436	0.86436	0.90356
14727	2.36782	0.80676	0.80676	0.80739
14728	2.34024	0	0	0
14729	2.57613	0	0	0
14730	2.60891	0.94706	0.94706	1.05932
14731	2.58939	0.92863	0.92863	1.03182
14732	2.58902	0.81824	0.81824	0.8572
14733	2.56339	0	0	0
14734	2.55489	0.81712	0.81712	0.8478
14735	2.54767	0	0	0
14736	2.62246	1.08591	1.08591	1.25249
14737	2.59337	1.08172	1.08172	1.24597
14738	2.56399	1.07736	1.07736	1.2364
14739	2.56411	1.0676	1.0676	1.22181
14740	2.56288	1.0572	1.0572	1.20228
14741	2.565	1.03554	1.03554	1.16249
14742	2.56686	1.02518	1.02518	1.14635
14743	2.57317	1.01314	1.01314	1.13315
14744	2.57649	0.99027	0.99027	1.08617
14745	2.48152	0.81324	0.81324	0.83634
14746	2.46245	0	0	0
14747	2.51652	0.8149	0.8149	0.84263
14748	2.50797	0	0	0
14749	2.48491	0.90004	0.90004	0.97446
14750	2.45771	0.81197	0.81197	0.83043
14751	2.39488	0	0	0
14752	2.42636	0	0	0
14753	2.48506	0	0	0
14754	2.51152	0	0	0
14755	2.52166	0.81471	0.81471	0.83857
14756	2.47872	0	0	0
14757	2.53117	0.97862	0.97862	1.06564
14758	2.54084	0.94156	0.94156	1.03481
14759	2.5285	0.96797	0.96797	1.06425

14760	2.48281	0	0	0
14761	2.51608	0.92215	0.92215	1.01736
14762	2.49365	0.89834	0.89834	0.97902
14763	2.44425	0.86399	0.86399	0.91223
14764	2.40444	0.80727	0.80727	0.80933
14765	2.53473	0.43335	0.43335	0.6698
14766	2.56545	0.92854	0.92854	1.01601
14767	2.51674	0.90283	0.90283	0.9732
14768	2.50568	0.87003	0.87003	0.92298
14769	2.48735	0.81423	0.81423	0.83662
14770	2.47516	0	0	0
14771	2.60384	0.87553	0.87553	0.92448
14772	2.60463	0.82054	0.82054	0.85283
14773	2.55316	0	0	0
14774	2.5608	0.87331	0.87331	0.92493
14775	2.47894	0.81499	0.81499	0.82533
14776	2.42862	0	0	0
14777	2.5437	0.8787	0.8787	0.92198
14778	2.5285	0.82235	0.82235	0.83683
14779	2.50331	0	0	0
14780	2.57043	0.91133	0.91133	0.98324
14781	2.53411	0.87774	0.87774	0.92565
14782	2.5004	0.82042	0.82042	0.83785
14783	2.44537	0	0	0
14784	2.56973	0.97883	0.97883	1.08338
14785	2.53093	0.90927	0.90927	0.97498
14786	2.52495	0.96492	0.96492	1.05296
14787	2.50189	0	0	0
14788	2.49552	0.87506	0.87506	0.92107
14789	2.44401	0	0	0
14790	2.46453	0.81865	0.81865	0.83
14791	2.44506	0	0	0
14792	2.5996	1.05913	1.05913	1.20633
14793	2.59351	1.10485	1.10485	1.27133
14794	2.57696	1.11932	1.11932	1.27085
14795	2.56286	1.12964	1.12964	1.26775
14796	2.59848	1.00536	1.00536	1.13811
14797	2.59663	1.03213	1.03213	1.17874
14798	2.59258	1.05196	1.05196	1.20364
14799	2.46236	0.49042	0.49042	0.75751
14800	2.55903	0.87586	0.87586	0.93163

14801	2.52444	0.8191	0.8191	0.84095
14802	2.49936	0	0	0
14803	2.44657	0	0	0
14804	2.43888	0	0	0
14805	2.47293	0.81589	0.81589	0.83078
14806	2.46851	0.90276	0.90276	0.96659
14807	2.47103	0.92595	0.92595	0.99736
14808	2.39895	0	0	0
14809	2.44878	0.81498	0.81498	0.83059
14810	2.50504	0.87289	0.87289	0.92646
14811	2.51125	1.02214	1.02214	1.13606
14812	2.51748	1.01563	1.01563	1.13948
14813	2.51965	0.96095	0.96095	1.06333
14814	2.52114	0.90596	0.90596	0.97844
14815	2.45433	0.81557	0.81557	0.83033
14816	2.40792	0	0	0
14817	2.59713	0.87697	0.87697	0.94489
14818	2.59106	0.99655	0.99655	1.12738
14819	2.56468	0.82022	0.82022	0.84693
14820	2.50749	0	0	0
14821	2.53229	0.94653	0.94653	1.04147
14822	2.51723	0.9279	0.9279	1.01665
14823	2.52585	0.81803	0.81803	0.84413
14824	2.46184	0	0	0
14825	2.49488	0.81678	0.81678	0.83879
14826	2.47708	0	0	0
14827	2.44826	0	0	0
14828	2.49852	0.81796	0.81796	0.84179
14829	2.54506	0.87523	0.87523	0.93592
14830	2.41791	0	0	0
14831	2.43812	0.81503	0.81503	0.82025
14832	2.48616	0	0	0
14833	2.49969	0.92916	0.92916	1.00566
14834	2.50126	0.81945	0.81945	0.84071
14835	2.53507	0.94894	0.94894	1.03813
14836	2.40605	0	0	0
14837	2.43559	0.81619	0.81619	0.8262
14838	2.44629	0.87168	0.87168	0.90892
14839	2.49909	0.9072	0.9072	0.96561
14840	2.52425	0.93151	0.93151	1.00213
14841	2.5513	0	0	0

14842	2.54219	0.75726	0.75726	0.78762
14843	2.55328	0.99833	0.99833	1.08766
14844	2.5914	0.96931	0.96931	0.99961
14845	2.48646	0.98448	0.98448	1.06661
14846	2.44808	0.81642	0.81642	0.82671
14847	2.43882	0.90314	0.90314	0.95031
14848	2.43686	0.90313	0.90313	0.95009
14849	2.43464	0.87054	0.87054	0.90936
14850	2.43933	0	0	0
14851	2.39117	0	0	0
14852	2.39547	0	0	0
14853	2.39864	0	0	0
14854	2.53869	0	0	0
14855	2.54816	0.82409	0.82409	0.84808
14856	2.55554	0.87974	0.87974	0.93511
14857	2.56414	0.91274	0.91274	0.98047
14858	2.5708	0.93699	0.93699	1.00911
14859	2.58859	0.95634	0.95634	1.03397
14860	2.55813	0.2354	0.2354	0.36054
14861	2.58459	0	0	0
14862	2.57676	0.85743	0.85743	0.90121
14863	2.57259	1.37849	1.37849	1.28076
14864	2.57237	1.38277	1.38277	1.21996
14865	2.56041	1.38456	1.38456	1.22295
14866	2.55445	1.386	1.386	1.22923
14867	2.55201	1.38616	1.38616	1.21601
14868	2.54326	1.3886	1.3886	1.20698
14869	2.54019	1.306	1.306	1.18534
14870	2.52053	1.31209	1.31209	1.17957
14871	2.41961	0.88276	0.88276	0.88352
14872	2.40311	0.82667	0.82667	0.80023
14873	2.33232	0	0	0
14874	2.47702	0.91462	0.91462	0.96385
14875	2.42802	0.87847	0.87847	0.90308
14876	2.41102	0.82197	0.82197	0.81776
14877	2.39785	0	0	0
14878	2.53346	1.18191	1.18191	1.24879
14879	2.52851	1.17915	1.17915	1.25791
14880	2.55123	1.15029	1.15029	1.2625
14881	2.52853	1.17743	1.17743	1.26557
14882	2.56053	1.14547	1.14547	1.27596

14883	2.55	1.14808	1.14808	1.27002
14884	2.55021	1.1428	1.1428	1.27496
14885	2.55439	1.00107	1.00107	1.13917
14886	2.53564	1.13968	1.13968	1.27574
14887	2.5539	0.99232	0.99232	1.13259
14888	2.55909	0	0	0
14889	2.45124	1.0659	1.0659	1.13207
14890	2.447	1.06164	1.06164	1.12866
14891	2.43399	1.05594	1.05594	1.13438
14892	2.39965	1.0488	1.0488	1.12667
14893	2.36738	1.04151	1.04151	1.1123
14894	2.36404	1.03725	1.03725	1.11342
14895	2.35956	1.03259	1.03259	1.11244
14896	2.33332	1.01016	1.01016	1.06681
14897	2.33368	1.02526	1.02526	1.09968
14898	2.31192	1.00159	1.00159	1.05041
14899	2.3084	0.99485	0.99485	1.04359
14900	2.31296	0.98027	0.98027	1.02937
14901	2.30417	0.97047	0.97047	1.02581
14902	2.30906	0.80053	0.80053	0.76079
14903	2.30082	0	0	0
14904	2.28891	0.90519	0.90519	0.92802
14905	2.28482	0.9365	0.9365	0.97329
14906	2.28481	0.79679	0.79679	0.75465
14907	2.27888	0.88157	0.88157	0.8951
14908	2.28381	0	0	0
14909	2.30734	0	0	0
14910	2.27329	0	0	0
14911	2.26144	0	0	0
14912	2.31485	0.80359	0.80359	0.78438
14913	2.29505	0	0	0
14914	2.46147	0.96754	0.96754	1.07857
14915	2.46216	0.86885	0.86885	0.91547
14916	2.42059	0.81208	0.81208	0.81639
14917	2.3637	0	0	0
14918	2.4104	0.89769	0.89769	0.9592
14919	2.39711	0.8651	0.8651	0.90411
14920	2.3561	0.80793	0.80793	0.80536
14921	2.32108	0	0	0
14922	2.50867	0	0	0
14923	2.46718	1.11469	1.11469	1.22413

14924	2.45819	1.11149	1.11149	1.22681
14925	2.44197	1.108	1.108	1.22761
14926	2.48521	0.97732	0.97732	1.10958
14927	2.48535	1.01055	1.01055	1.17292
14928	2.48387	1.0404	1.0404	1.21867
14929	2.45751	1.06024	1.06024	1.21096
14930	2.44788	1.09144	1.09144	1.23624
14931	2.4432	1.09578	1.09578	1.23452
14932	2.43851	1.10542	1.10542	1.23904
14933	2.38072	0.89221	0.89221	0.92798
14934	2.36645	0.85885	0.85885	0.8826
14935	2.39807	0	0	0
14936	2.42562	0.9886	0.9886	1.09239
14937	2.43463	0.83363	0.83363	0.88111
14938	2.41458	0.97837	0.97837	1.08787
14939	2.40796	0.74631	0.74631	0.74445
14940	2.36408	0.272	0.272	0.4784
14941	2.37555	0.30743	0.30743	0.52592
14942	2.39942	0.27224	0.27224	0.50258
14943	2.40202	0.74478	0.74478	0.72821
14944	2.41238	0.79965	0.79965	0.81638
14945	2.48416	0.80961	0.80961	0.82864
14946	2.47091	0.90496	0.90496	0.9964
14947	2.49441	0.80712	0.80712	0.83203
14948	2.49924	0.86232	0.86232	0.92708
14949	2.50014	0.89498	0.89498	0.97804
14950	2.48101	0.94925	0.94925	1.06966
14951	2.48897	0.96211	0.96211	1.08511
14952	2.37393	0	0	0
14953	2.43008	0.80633	0.80633	0.82021
14954	2.41032	0	0	0
14955	2.41362	0.1399	0.1399	0.2247
14956	2.42915	0.86141	0.86141	0.90843
14957	2.41196	0.80616	0.80616	0.81251
14958	2.38959	0	0	0
14959	2.42298	0.91532	0.91532	0.98697
14960	2.411	0.89165	0.89165	0.95207
14961	2.38806	0.85815	0.85815	0.89382
14962	2.34697	0.80125	0.80125	0.7897
14963	2.33455	0	0	0
14964	2.39493	0.94548	0.94548	1.03875

14965	2.39801	0.93127	0.93127	1.01745
14966	2.3784	0.91247	0.91247	0.97748
14967	2.33127	0.88648	0.88648	0.92045
14968	2.32158	0.85374	0.85374	0.86907
14969	2.32217	0.79948	0.79948	0.7815
14970	2.31409	0	0	0
14971	2.47601	0	0	0
14972	2.56553	0.82292	0.82292	0.85016
14973	2.52364	0	0	0
14974	2.57059	1.12522	1.12522	1.27841
14975	2.57198	1.07188	1.07188	1.20627
14976	2.56076	1.0675	1.0675	1.20164
14977	2.54401	1.06265	1.06265	1.19576
14978	2.55011	1.05045	1.05045	1.18175
14979	2.55908	1.04098	1.04098	1.17367
14980	2.53435	1.03423	1.03423	1.16184
14981	2.53626	0.9387	0.9387	1.03148
14982	2.54123	0.82019	0.82019	0.84638
14983	2.46354	0.10954	0.10954	0.1702
14984	2.49273	0	0	0
14985	2.52677	0.84914	0.84914	0.89525
14986	2.53421	0	0	0
14987	2.49221	0	0	0
14988	2.46654	0.81745	0.81745	0.83332
14989	2.43997	0	0	0
14990	2.46581	0.98456	0.98456	1.07347
14991	2.43706	0.97204	0.97204	1.06374
14992	2.44445	0.91144	0.91144	0.97608
14993	2.37852	0.21737	0.21737	0.34045
14994	2.4129	0.86623	0.86623	0.89666
14995	2.38583	0.80954	0.80954	0.80692
14996	2.37341	0	0	0
14997	2.42115	0.86699	0.86699	0.9056
14998	2.42463	0.81251	0.81251	0.82246
14999	2.38538	0	0	0
15000	2.3991	0	0	0
15001	2.50557	1.05686	1.05686	1.1715
15002	2.47528	1.0505	1.0505	1.15834
15003	2.43976	1.04328	1.04328	1.14316
15004	2.44038	1.02885	1.02885	1.12168
15005	2.41984	1.02152	1.02152	1.11016

15006	2.42561	1.00933	1.00933	1.09831
15007	2.41295	1.00117	1.00117	1.09077
15008	2.41595	0.98539	0.98539	1.06945
15009	2.41982	0.86724	0.86724	0.89672
15010	2.41904	0.81201	0.81201	0.81818
15011	2.40562	0	0	0
15012	2.40548	0.8136	0.8136	0.81959
15013	2.39421	0	0	0
15014	2.39941	0	0	0
15015	2.37821	0	0	0
15016	2.39905	0.93758	0.93758	0.99556
15017	2.41236	0	0	0
15018	2.36983	0.80808	0.80808	0.79746
15019	2.3635	0.89402	0.89402	0.92934
15020	2.36533	0	0	0
15021	2.34719	0	0	0
15022	2.49502	0	0	0
15023	2.64399	0.89144	0.89144	1.2823
15024	2.71582	1.02813	1.02813	1.08613
15025	2.66522	1.09181	1.09181	1.09021
15026	2.52779	0.95262	0.95262	0.85036
15027	2.68061	1.0237	1.0237	1.1468
15028	2.6797	1.03024	1.03024	1.1557
15029	2.39997	0	0	0
15030	2.44966	0.78643	0.78643	0.83055
15031	2.52695	0.84474	0.84474	0.94937
15032	2.5242	0.8775	0.8775	1.00102
15033	2.56638	0.90211	0.90211	1.05056
15034	2.54118	0.35238	0.35238	0.64829
15035	2.58347	0.73469	0.73469	0.7945
15036	2.61886	0.79251	0.79251	0.87905
15037	2.70165	0.82823	0.82823	0.94663
15038	2.72481	0.85228	0.85228	0.99207
15039	2.719	0.91847	0.91847	1.10607
15040	2.74903	0.93546	0.93546	1.14086
15041	2.74183	0.96048	0.96048	1.18181
15042	2.73538	0.97034	0.97034	1.17644
15043	2.6753	0.92305	0.92305	1.1045
15044	2.65462	0.93775	0.93775	1.11675
15045	2.62171	0.84821	0.84821	0.96941
15046	2.58235	0.31083	0.31083	0.56963

15047	2.57978	0.79075	0.79075	0.85827
15048	2.49332	0	0	0
15049	2.72874	0.89642	0.89642	1.06551
15050	2.71325	0.99308	0.99308	1.22728
15051	2.77531	1.00108	1.00108	1.25379
15052	2.7619	1.05912	1.05912	1.34593
15053	2.62604	0.47857	0.47857	0.86927
15054	2.79589	1.06312	1.06312	1.35389
15055	2.83504	1.06879	1.06879	1.35952
15056	2.84225	1.09475	1.09475	1.41478
15057	2.83034	1.10058	1.10058	1.41722
15058	2.83435	1.11322	1.11322	1.43618
15059	2.82855	1.11822	1.11822	1.44006
15060	2.823	1.12127	1.12127	1.4414
15061	2.82268	1.12301	1.12301	1.44196
15062	2.8232	1.12595	1.12595	1.44588
15063	2.82372	1.12869	1.12869	1.4482
15064	2.82467	1.13137	1.13137	1.45174
15065	2.81742	1.13417	1.13417	1.45151
15066	2.81488	1.15663	1.15663	1.46731
15067	2.65223	0.79532	0.79532	0.87455
15068	2.60605	0	0	0
15069	2.61363	0.98678	0.98678	1.19942
15070	2.6126	0.97055	0.97055	1.16848
15071	2.56101	0.95868	0.95868	1.14513
15072	2.57576	0.79066	0.79066	0.85839
15073	2.47374	0	0	0
15074	2.51436	0.78844	0.78844	0.84174
15075	2.50524	0.91827	0.91827	1.06814
15076	2.4772	0	0	0
15077	2.45491	0.84266	0.84266	0.92699
15078	2.40201	0.78481	0.78481	0.81498
15079	2.36167	0	0	0
15080	2.58396	0	0	0
15081	2.60439	0.79354	0.79354	0.86254
15082	2.5432	0	0	0
15083	2.61304	0	0	0
15084	2.68215	0.92692	0.92692	1.11456
15085	2.64246	0.79533	0.79533	0.87339
15086	2.64382	0.90812	0.90812	1.07668
15087	2.5972	0	0	0

15088	2.57463	0.79363	0.79363	0.85835
15089	2.50667	0	0	0
15090	2.66723	0.79674	0.79674	0.87832
15091	2.63191	0	0	0
15092	2.66844	0	0	0
15093	2.6585	0	0	0
15094	2.63822	0	0	0
15095	2.64519	0	0	0
15096	2.66315	0	0	0
15097	2.65553	0.7388	0.7388	0.75688
15098	2.66774	1.03036	1.03036	1.28893
15099	2.62018	0.96294	0.96294	1.16677
15100	2.61269	0.98101	0.98101	1.19416
15101	2.60857	0.99562	0.99562	1.21739
15102	2.60907	1.0083	1.0083	1.23783
15103	2.60907	1.01912	1.01912	1.25563
15104	2.57031	0.923	0.923	1.08551
15105	2.47197	0.79038	0.79038	0.83627
15106	2.53359	0.84766	0.84766	0.94827
15107	2.52928	0.90359	0.90359	1.04403
15108	2.5	0.79051	0.79051	0.8414
15109	2.43737	0	0	0
15110	2.45442	0	0	0
15111	2.39055	0	0	0
15112	2.51316	0	0	0
15113	2.5004	0	0	0
15114	2.5152	0	0	0
15115	2.51579	0.05608	0.05608	0.09879
15116	2.5142	0	0	0
15117	2.83572	1.16348	1.16348	1.47379
15118	2.74485	0.89108	0.89108	1.05557
15119	2.74292	0.80146	0.80146	0.89245
15120	2.62181	0	0	0
15121	2.63308	0	0	0
15122	2.84789	1.16574	1.16574	1.47342
15123	2.87835	1.16975	1.16975	1.47016
15124	2.87641	1.17047	1.17047	1.44842
15125	2.75718	0.99853	0.99853	1.13081
15126	2.88897	1.18312	1.18312	1.47098
15127	2.89446	1.18512	1.18512	1.46744
15128	2.89686	1.18651	1.18651	1.46673

15129	2.68476	0	0	0
15130	2.75523	0.98352	0.98352	1.20836
15131	2.71393	0.61369	0.61369	1.10641
15132	2.66155	0.97174	0.97174	1.16999
15133	2.54789	0.95731	0.95731	1.12087
15134	2.50502	0.94287	0.94287	1.09014
15135	2.4678	0.9266	0.9266	1.05512
15136	2.42951	0	0	0
15137	2.43173	0.9069	0.9069	1.01475
15138	2.41522	0.84997	0.84997	0.91572
15139	2.39194	0.79277	0.79277	0.81384
15140	2.36904	0	0	0
15141	2.68741	0.80279	0.80279	0.87963
15142	2.57051	0	0	0
15143	2.90985	1.19745	1.19745	1.45254
15144	2.90754	1.19638	1.19638	1.45746
15145	2.90633	1.19536	1.19536	1.459
15146	2.89811	1.18928	1.18928	1.46342
15147	2.75965	0.63818	0.63818	1.13649
15148	2.91078	1.19905	1.19905	1.44175
15149	2.9097	1.19838	1.19838	1.44768
15150	2.69627	0.95849	0.95849	1.14791
15151	2.68814	0.86228	0.86228	0.97764
15152	2.65033	0.87916	0.87916	0.99993
15153	2.64577	0.80427	0.80427	0.86841
15154	2.59174	0	0	0
15155	2.5556	0.19578	0.19578	0.33978
15156	2.61454	0.80373	0.80373	0.86687
15157	2.57308	0	0	0
15158	2.68992	0	0	0
15159	2.69396	0	0	0
15160	2.6933	0	0	0
15161	2.90153	1.20049	1.20049	1.40465
15162	2.90303	1.20717	1.20717	1.41999
15163	2.91419	1.22369	1.22369	1.36128
15164	2.74249	0.83904	0.83904	0.94636
15165	2.7462	0.95938	0.95938	1.15844
15166	2.7473	0.98081	0.98081	1.19275
15167	2.72191	0.98835	0.98835	1.07123
15168	2.6102	0	0	0
15169	2.61189	0.85978	0.85978	0.96357

15170	2.61156	0.89274	0.89274	1.01903
15171	2.51367	0	0	0
15172	2.70452	0	0	0
15173	2.52062	0.16917	0.16917	0.28876
15174	2.59658	0	0	0
15175	2.71904	1.06942	1.06942	1.3024
15176	2.73456	1.07207	1.07207	1.30016
15177	2.74433	0.80484	0.80484	0.88555
15178	2.51837	0	0	0
15179	2.69996	1.06603	1.06603	1.30241
15180	2.64716	0.9162	0.9162	1.05988
15181	2.64533	0.98218	0.98218	1.16975
15182	2.633	1.06005	1.06005	1.28418
15183	2.54618	0.88948	0.88948	0.9967
15184	2.54933	0	0	0
15185	2.48089	0.79783	0.79783	0.82662
15186	2.45388	0	0	0
15187	2.56967	0.88996	0.88996	0.99395
15188	2.5419	0.85627	0.85627	0.93587
15189	2.48732	0.79818	0.79818	0.82506
15190	2.43973	0	0	0
15191	2.50704	1.00292	1.00292	1.16344
15192	2.48907	0.96041	0.96041	1.08782
15193	2.48835	0.99524	0.99524	1.15182
15194	2.44945	0.94055	0.94055	1.04989
15195	2.40209	0.27194	0.27194	0.45977
15196	2.42003	0.85088	0.85088	0.90728
15197	2.42515	0.79494	0.79494	0.82334
15198	2.42822	0.85068	0.85068	0.89089
15199	2.429	0.92505	0.92505	1.02394
15200	2.41089	0.79371	0.79371	0.79963
15201	2.33606	0	0	0
15202	2.40324	0.79371	0.79371	0.80348
15203	2.37251	0	0	0
15204	2.40038	0	0	0
15205	2.89542	1.22466	1.22466	1.35052
15206	2.89479	1.2337	1.2337	1.2641
15207	2.69604	1.0429	1.0429	1.24076
15208	2.62147	1.03587	1.03587	1.21617
15209	2.59906	0.93575	0.93575	1.07421
15210	2.6013	1.03006	1.03006	1.2067

15211	2.58499	0.86058	0.86058	0.95204
15212	2.58013	0.91678	0.91678	1.04179
15213	2.48107	0	0	0
15214	2.50355	0.80143	0.80143	0.84133
15215	2.47843	0	0	0
15216	2.51408	0.97888	0.97888	1.10293
15217	2.48072	0.96744	0.96744	1.07287
15218	2.44686	0.95505	0.95505	1.05078
15219	2.39597	0.9399	0.9399	1.02258
15220	2.37494	0.92383	0.92383	0.99466
15221	2.35596	0.90455	0.90455	0.96286
15222	2.33551	0.88035	0.88035	0.92462
15223	2.32379	0.84694	0.84694	0.86641
15224	2.31072	0.79011	0.79011	0.76338
15225	2.29754	0	0	0
15226	2.86016	1.23391	1.23391	1.25626
15227	2.8365	1.23557	1.23557	1.25792
15228	2.79886	1.23635	1.23635	1.25182
15229	2.66201	1.27575	1.27575	1.12717
15230	2.67769	1.27628	1.27628	1.127
15231	2.6614	1.27731	1.27731	1.14175
15232	2.73622	1.1849	1.1849	1.28953
15233	2.74015	1.19121	1.19121	1.28324
15234	2.73168	1.17939	1.17939	1.27623
15235	2.73451	1.18365	1.18365	1.29449
15236	2.61032	0.96407	0.96407	1.11874
15237	2.56616	0.95008	0.95008	1.08838
15238	2.5123	0.93312	0.93312	1.04998
15239	2.48554	0.8581	0.8581	0.91851
15240	2.48945	0.91422	0.91422	1.01296
15241	2.44977	0.80087	0.80087	0.81689
15242	2.44263	0	0	0
15243	2.44738	0	0	0
15244	2.72845	1.17752	1.17752	1.29657
15245	2.68019	0.5339	0.5339	0.94121
15246	2.67052	1.09499	1.09499	1.29743
15247	2.67965	1.10614	1.10614	1.30989
15248	2.71329	1.17602	1.17602	1.3068
15249	2.62025	1.09075	1.09075	1.29537
15250	2.59207	1.08789	1.08789	1.2999
15251	2.54646	0.88919	0.88919	0.99815

15252	2.5507	1.01094	1.01094	1.22196
15253	2.55566	1.02175	1.02175	1.22184
15254	2.5643	1.08434	1.08434	1.29418
15255	2.63338	0.86181	0.86181	0.96096
15256	2.69299	0.90624	0.90624	0.96485
15257	2.60815	0.80486	0.80486	0.85957
15258	2.56655	0	0	0
15259	2.60584	0.89323	0.89323	1.01187
15260	2.52667	0.85728	0.85728	0.93904
15261	2.4905	0.80008	0.80008	0.83675
15262	2.45812	0	0	0
15263	2.64089	1.12617	1.12617	1.30367
15264	2.60618	1.12143	1.12143	1.29778
15265	2.58435	1.11811	1.11811	1.29465
15266	2.56904	1.11517	1.11517	1.29746
15267	2.5531	1.11221	1.11221	1.29944
15268	2.5326	0.88492	0.88492	0.99961
15269	2.52219	1.10146	1.10146	1.2903
15270	2.5105	1.09868	1.09868	1.29295
15271	2.50503	1.0956	1.0956	1.30157
15272	2.4989	1.09272	1.09272	1.31465
15273	2.48218	1.08929	1.08929	1.31079
15274	2.4705	1.08586	1.08586	1.30894
15275	2.46239	1.04688	1.04688	1.26856
15276	2.44377	1.04249	1.04249	1.25557
15277	2.43109	1.0382	1.0382	1.24638
15278	2.43639	1.02001	1.02001	1.22335
15279	2.43781	0.99581	0.99581	1.18384
15280	2.43076	1.01589	1.01589	1.21676
15281	2.44039	0.95588	0.95588	1.11918
15282	2.43498	0.98665	0.98665	1.17414
15283	2.34898	0.33553	0.33553	0.61774
15284	2.44603	0.94031	0.94031	1.10268
15285	2.34444	0.256	0.256	0.47449
15286	2.42703	0.92716	0.92716	1.0743
15287	2.42001	0.78329	0.78329	0.82013
15288	2.40878	0.91148	0.91148	1.0478
15289	2.36667	0.78103	0.78103	0.7922
15290	2.36206	0	0	0
15291	2.3371	0	0	0
15292	2.39256	0	0	0

15293	2.37865	0	0	0
15294	2.38547	0.7836	0.7836	0.79881
15295	2.38853	0	0	0
15296	2.38747	0.83927	0.83927	0.89406
15297	2.38764	0.78408	0.78408	0.81109
15298	2.37263	0	0	0
15299	2.27767	0	0	0
15300	2.29569	0.77734	0.77734	0.76019
15301	2.29327	0.83226	0.83226	0.86145
15302	2.32919	0	0	0
15303	2.27884	0.1739	0.1739	0.32224
15304	2.32009	0.77876	0.77876	0.76741
15305	2.32511	0.92803	0.92803	1.0436
15306	2.33263	0.85224	0.85224	0.91192
15307	2.34815	0.94119	0.94119	1.06417
15308	2.36552	0.95243	0.95243	1.08366
15309	2.39747	0.96337	0.96337	1.10899
15310	2.40928	0.97199	0.97199	1.1256
15311	2.40666	0.99165	0.99165	1.16149
15312	2.42622	0.99812	0.99812	1.17285
15313	2.36748	0.78405	0.78405	0.80381
15314	2.35093	0	0	0
15315	2.36727	0.8708	0.8708	0.9601
15316	2.34669	0.83758	0.83758	0.89761
15317	2.32016	0.78118	0.78118	0.78934
15318	2.29736	0	0	0
15319	2.35835	0	0	0
15320	2.37605	0.78914	0.78914	0.80147
15321	2.40655	0.84604	0.84604	0.92176
15322	2.40454	0.87913	0.87913	0.96795
15323	2.39764	0.93476	0.93476	1.06515
15324	2.38355	0	0	0
15325	2.3808	0.79012	0.79012	0.79834
15326	2.39888	0.94759	0.94759	1.07955
15327	2.40622	0.95905	0.95905	1.09561
15328	2.40608	0.99148	0.99148	1.14836
15329	2.35511	0.8456	0.8456	0.9002
15330	2.33576	0.78881	0.78881	0.7923
15331	2.30685	0	0	0
15332	2.41236	0.99935	0.99935	1.1453
15333	2.43444	1.007	1.007	1.15809

15334	2.45447	1.01337	1.01337	1.16545
15335	2.4854	1.02051	1.02051	1.1755
15336	2.44044	0	0	0
15337	2.47668	0.79687	0.79687	0.83506
15338	2.49949	0.85458	0.85458	0.93419
15339	2.4377	0.31887	0.31887	0.58453
15340	2.51234	0.95607	0.95607	1.11229
15341	2.51475	0.97169	0.97169	1.13727
15342	2.50322	0.94256	0.94256	1.0939
15343	2.48417	0.92683	0.92683	1.06768
15344	2.4442	0.85105	0.85105	0.92711
15345	2.44216	0.907	0.907	1.02812
15346	2.38097	0	0	0
15347	2.38021	0.79206	0.79206	0.80625
15348	2.35855	0	0	0
15349	2.47651	0	0	0
15350	2.47311	0.8503	0.8503	0.92826
15351	2.43007	0.79243	0.79243	0.82119
15352	2.41284	0	0	0
15353	2.68719	1.27794	1.27794	1.19014
15354	2.70802	1.27797	1.27797	1.15817
15355	2.73693	1.27821	1.27821	1.19133
15356	2.76735	1.27948	1.27948	1.21111
15357	2.76736	1.28142	1.28142	1.21888
15358	2.79978	1.28268	1.28268	1.22907
15359	2.5745	0.76181	0.76181	0.94121
15360	2.50563	0.5616	0.5616	0.86791
15361	2.47292	0.5237	0.5237	0.78644
15362	2.46272	0.75199	0.75199	0.70761
15363	2.48603	0.80599	0.80599	0.65716
15364	2.63659	0.84521	0.84521	0.75824
15365	2.63594	0.87178	0.87178	0.9607
15366	2.61705	0.81448	0.81448	0.83504
15367	2.60652	0	0	0
15368	2.84684	1.2848	1.2848	1.22847
15369	2.94322	1.28379	1.28379	1.2448
15370	2.93886	1.28067	1.28067	1.22547
15371	3.00878	1.28128	1.28128	1.30438
15372	2.59474	0.81533	0.81533	0.84204
15373	2.60719	0.87261	0.87261	0.95089
15374	2.63777	0.90706	0.90706	1.0188

15375	2.68748	0.93198	0.93198	1.07571
15376	2.54737	0	0	0
15377	2.73921	0.76074	0.76074	0.76467
15378	2.67013	0	0	0.24266
15379	2.63548	0.16939	0.16939	0.31078
15380	2.68303	0.75899	0.75899	0.7375
15381	2.55821	0.16885	0.16885	0.32938
15382	2.7825	0.85093	0.85093	0.95417
15383	2.78682	0.95067	0.95067	1.15081
15384	2.66338	0.8737	0.8737	0.96018
15385	2.66342	0.81714	0.81714	0.85178
15386	2.56806	0	0	0
15387	3.04565	1.28109	1.28109	1.25928
15388	2.92249	1.2802	1.2802	1.17216
15389	2.85848	1.28043	1.28043	1.17943
15390	2.74643	0	0	0
15391	2.8975	1.28222	1.28222	1.20186
15392	2.99428	1.28728	1.28728	1.20136
15393	2.87539	1.28708	1.28708	1.18551
15394	2.84255	1.28385	1.28385	1.1537
15395	2.83763	1.28107	1.28107	1.14372
15396	2.82693	1.29007	1.29007	1.29661
15397	2.86924	1.07008	1.07008	1.22227
15398	2.9102	1.09482	1.09482	1.2099
15399	2.89464	0.38706	0.38706	0.69991
15400	2.74018	0.93204	0.93204	1.00293
15401	2.7023	0.9072	0.9072	0.95464
15402	2.68277	0.8729	0.8729	0.93344
15403	2.64198	0.81626	0.81626	0.85029
15404	2.51515	0	0	0
15405	2.78126	1.02321	1.02321	1.274
15406	2.80472	1.06023	1.06023	1.24468
15407	2.8152	1.06747	1.06747	1.22133
15408	2.63383	0	0	0
15409	2.63873	0.96265	0.96265	1.10989
15410	2.45409	0	0	0
15411	2.52796	0.81123	0.81123	0.83261
15412	2.53965	0.86814	0.86814	0.92565
15413	2.57713	0.90222	0.90222	0.99405
15414	2.49006	0.78715	0.78715	0.8422
15415	2.6009	0.92597	0.92597	1.04215

15416	2.46286	0.70546	0.70546	0.7969
15417	2.46507	0.58729	0.58729	0.81441
15418	2.47734	0	0	0
15419	2.52791	0.87884	0.87884	0.99965
15420	2.52993	0.81072	0.81072	0.84823
15421	2.5993	0.91072	0.91072	1.05246
15422	2.60024	0.96299	0.96299	1.12457
15423	2.62545	0.97554	0.97554	1.14271
15424	2.67405	0.98736	0.98736	1.16006
15425	2.54836	0.81193	0.81193	0.85419
15426	2.51423	0	0	0
15427	2.77448	1.02125	1.02125	1.26494
15428	2.77487	1.02672	1.02672	1.31394
15429	2.76344	0.91013	0.91013	1.27852
15430	2.65553	1.00399	1.00399	1.14857
15431	2.63985	0.99604	0.99604	1.14691
15432	2.60605	0.98646	0.98646	1.13869
15433	2.6013	0.81307	0.81307	0.84426
15434	2.59594	0.92496	0.92496	1.04399
15435	2.58389	0.97624	0.97624	1.11582
15436	2.47827	0	0	0
15437	2.49217	0.83935	0.83935	0.87252
15438	2.46211	0.80517	0.80517	0.80821
15439	2.40094	0.74575	0.74575	0.68742
15440	2.36921	0.21875	0.21875	0.15975
15441	2.37139	0.31415	0.31415	0.29681
15442	2.39291	0.74628	0.74628	0.70784
15443	2.44238	0.80513	0.80513	0.81724
15444	2.46974	0.83935	0.83935	0.88434
15445	2.48857	0.86377	0.86377	0.92379
15446	2.83176	1.12683	1.12683	1.23438
15447	2.67447	1.0094	1.0094	1.05694
15448	2.76734	1.12874	1.12874	1.23386
15449	2.81237	1.09967	1.09967	1.15325
15450	2.83133	1.10581	1.10581	1.34574
15451	2.83361	1.10275	1.10275	1.34805
15452	2.84496	1.09845	1.09845	1.35374
15453	2.84002	1.06817	1.06817	1.36871
15454	2.83596	1.05749	1.05749	1.37908
15455	2.81747	1.04966	1.04966	1.37477
15456	2.65663	0.81718	0.81718	0.86867

15457	2.54475	0	0	0
15458	2.65192	0	0	0
15459	2.8189	1.04453	1.04453	1.37329
15460	2.82755	1.03635	1.03635	1.39811
15461	2.77915	1.02954	1.02954	1.36476
15462	2.76099	1.01099	1.01099	1.35449
15463	2.75274	1.00467	1.00467	1.35681
15464	2.73852	0.99293	0.99293	1.35198
15465	2.72327	0.81301	0.81301	1.30325
15466	2.66788	0.95627	0.95627	1.06522
15467	2.71572	0.97854	0.97854	1.33013
15468	2.71294	0.98756	0.98756	1.32368
15469	2.49921	0	0	0
15470	2.52766	0.81282	0.81282	0.82956
15471	2.58174	0.87051	0.87051	0.94324
15472	2.64524	0.90536	0.90536	1.01329
15473	2.71466	0.97289	0.97289	1.28704
15474	2.72106	0.93119	0.93119	1.06471
15475	2.68899	0.9845	0.9845	1.2805
15476	2.68711	0.99435	0.99435	1.28537
15477	2.68011	1.00295	1.00295	1.28431
15478	2.63027	0.40532	0.40532	0.75487
15479	2.65876	0.89546	0.89546	0.98944
15480	2.6585	0.97371	0.97371	1.12948
15481	2.66596	1.05899	1.05899	1.28195
15482	2.6646	1.0146	1.0146	1.27123
15483	2.48148	0.17769	0.17769	0.3054
15484	2.62456	0.82023	0.82023	0.8563
15485	2.5794	0	0	0
15486	2.5413	0.81718	0.81718	0.83938
15487	2.53518	0.87318	0.87318	0.92956
15488	2.52205	0	0	0
15489	2.6037	1.09176	1.09176	1.21853
15490	2.58281	0.51593	0.51593	0.91092
15491	2.60125	1.09922	1.09922	1.21432
15492	2.61026	1.11158	1.11158	1.21142
15493	2.63215	1.11555	1.11555	1.20741
15494	2.6357	1.11984	1.11984	1.18838
15495	2.6447	0.94294	0.94294	1.05104
15496	2.61062	0.8283	0.8283	0.85942
15497	2.61391	0.9182	0.9182	1.00783

15498	2.57838	0	0	0
15499	2.50542	0	0	0
15500	2.51599	0	0	0
15501	2.50275	0.87892	0.87892	0.70728
15502	2.56382	0.82291	0.82291	0.83896
15503	2.5406	0	0	0
15504	2.65578	0.9623	0.9623	0.9272
15505	2.65681	0.94858	0.94858	0.97191
15506	2.65538	0.85862	0.85862	1.03339
15507	2.66702	0.82042	0.82042	1.05323
15508	2.65876	0.75146	0.75146	1.05593
15509	2.52505	0.87265	0.87265	0.934
15510	2.49264	0.81497	0.81497	0.83203
15511	2.44885	0	0	0
15512	2.69344	0.97589	0.97589	1.13745
15513	2.66503	1.01455	1.01455	1.18221
15514	2.59601	1.00474	1.00474	1.15452
15515	2.55493	0.99513	0.99513	1.13452
15516	2.52536	0.98514	0.98514	1.11028
15517	2.5085	0.97469	0.97469	1.09585
15518	2.48536	0.96267	0.96267	1.07941
15519	2.45207	0.94845	0.94845	1.04747
15520	2.43747	0.93288	0.93288	1.02134
15521	2.41872	0.91367	0.91367	0.98683
15522	2.38255	0.88793	0.88793	0.9403
15523	2.38217	0.79949	0.79949	0.80156
15524	2.36438	0	0	0
15525	2.35374	0	0	0
15526	2.62457	0.81915	0.81915	0.85185
15527	2.56399	0	0	0
15528	2.71332	0.97075	0.97075	1.04289
15529	2.75725	0.96031	0.96031	1.1434
15530	2.77398	0.90329	0.90329	1.04925
15531	2.66917	0.86831	0.86831	0.96482
15532	2.61386	0.81123	0.81123	0.84466
15533	2.46627	0	0	0
15534	2.65307	0.81207	0.81207	0.84963
15535	2.56982	0	0	0
15536	2.74893	1.08555	1.08555	1.27672
15537	2.77127	1.09244	1.09244	1.27804
15538	2.77642	1.11418	1.11418	1.28432

15539	2.72404	1.05944	1.05944	1.27753
15540	2.7319	1.08188	1.08188	1.27293
15541	2.65821	0.99737	0.99737	1.15395
15542	2.71741	1.05602	1.05602	1.29793
15543	2.54552	0.98325	0.98325	1.10936
15544	2.50714	0.97049	0.97049	1.08676
15545	2.46751	0.8682	0.8682	0.91839
15546	2.46603	0.9237	0.9237	1.01119
15547	2.46537	0.95602	0.95602	1.06249
15548	2.43484	0	0	0
15549	2.4183	0.80911	0.80911	0.81056
15550	2.40191	0	0	0
15551	2.39402	0	0	0
15552	2.59354	0.93626	0.93626	1.04763
15553	2.59355	0.8469	0.8469	0.90408
15554	2.51507	0.8125	0.8125	0.83206
15555	2.51782	0	0	0
15556	2.46442	0.11094	0.11094	0.17747
15557	2.55213	0	0	0
15558	2.61354	0.8172	0.8172	0.8523
15559	2.53882	0	0	0
15560	2.64342	0.98357	0.98357	1.11758
15561	2.6127	0.81721	0.81721	0.8571
15562	2.61556	0.97269	0.97269	1.10195
15563	2.56033	0.92637	0.92637	1.02368
15564	2.50011	0.81319	0.81319	0.83215
15565	2.50237	0.90103	0.90103	0.97381
15566	2.43964	0	0	0
15567	2.42839	0	0	0
15568	2.57513	0	0	0
15569	2.70193	0.96543	0.96543	1.08669
15570	2.57727	0.94609	0.94609	1.03696
15571	2.54713	0.92699	0.92699	1.02068
15572	2.54558	0.81576	0.81576	0.84132
15573	2.49536	0.8139	0.8139	0.82652
15574	2.4755	0	0	0
15575	2.51931	0	0	0
15576	2.84309	1.29255	1.29255	1.29705
15577	2.81944	1.20628	1.20628	1.23991
15578	2.77508	0.89548	0.89548	0.95401
15579	2.69338	0.88074	0.88074	0.95291

15580	2.68234	0.93677	0.93677	1.04228
15581	2.71254	0.95611	0.95611	1.06765
15582	2.72635	0.97162	0.97162	1.07888
15583	2.57483	0	0	0
15584	2.56629	0.82125	0.82125	0.83529
15585	2.49783	0	0	0
15586	2.77053	0.9862	0.9862	1.10912
15587	2.78775	1.31795	1.31795	1.28234
15588	2.79618	1.3175	1.3175	1.29639
15589	2.81605	1.31737	1.31737	1.30838
15590	2.81716	1.32231	1.32231	1.3241
15591	2.8453	1.32337	1.32337	1.34278
15592	2.86391	1.32577	1.32577	1.34681
15593	2.70986	1.34172	1.34172	1.30196
15594	2.6885	1.33471	1.33471	1.29439
15595	2.59843	1.32757	1.32757	1.24594
15596	2.60829	1.33086	1.33086	1.2557
15597	2.67611	0.96803	0.96803	1.08811
15598	2.66763	1.06672	1.06672	1.22772
15599	2.62339	1.0243	1.0243	1.16192
15600	2.56956	0.99848	0.99848	1.11532
15601	2.62283	1.01767	1.01767	1.16803
15602	2.55356	0.98388	0.98388	1.08931
15603	2.43413	0.17608	0.17608	0.28549
15604	2.49611	0.89253	0.89253	0.95151
15605	2.49518	0.9705	0.9705	1.06973
15606	2.45815	0.87316	0.87316	0.9075
15607	2.4624	0.81746	0.81746	0.81663
15608	2.45189	0	0	0
15609	2.41955	0.81494	0.81494	0.8005
15610	2.43818	0.20606	0.20606	0.34484
15611	2.41014	0	0	0
15612	2.63002	0.95141	0.95141	1.05069
15613	2.57807	0.93143	0.93143	1.02224
15614	2.50456	0.90833	0.90833	0.96965
15615	2.45853	0.87437	0.87437	0.91276
15616	2.38405	0.81379	0.81379	0.80198
15617	2.34171	0	0	0
15618	2.47397	0	0	0
15619	2.49157	0.1442	0.1442	0.14494
15620	2.61138	0	0	0

15621	2.68587	0.91688	0.91688	1.03039
15622	2.5558	0.82513	0.82513	0.84623
15623	2.47272	0	0	0
15624	2.70344	0.97891	0.97891	1.14849
15625	2.64414	0.96286	0.96286	1.12769
15626	2.5335	0.94621	0.94621	1.06654
15627	2.52433	0.91486	0.91486	1.03843
15628	2.48895	0.90113	0.90113	1.02305
15629	2.46262	0	0	0
15630	2.80663	1.2011	1.2011	1.22509
15631	2.84696	1.20229	1.20229	1.25562
15632	2.85186	1.20337	1.20337	1.25942
15633	2.85561	1.20249	1.20249	1.26889
15634	2.81959	1.20583	1.20583	1.28058
15635	2.63602	1.18031	1.18031	1.29503
15636	2.6333	1.17358	1.17358	1.30305
15637	2.62831	1.17077	1.17077	1.30146
15638	2.5825	1.16965	1.16965	1.28338
15639	2.54127	1.16542	1.16542	1.28762
15640	2.55308	1.14962	1.14962	1.2834
15641	2.56486	1.1469	1.1469	1.29344
15642	2.52183	1.14487	1.14487	1.27276
15643	2.52975	1.14256	1.14256	1.28506
15644	2.52875	1.14085	1.14085	1.29091
15645	2.52001	1.13836	1.13836	1.28713
15646	2.52369	1.13104	1.13104	1.28591
15647	2.50652	1.12673	1.12673	1.2786
15648	2.53083	1.09917	1.09917	1.28096
15649	2.52479	1.09589	1.09589	1.28232
15650	2.51964	1.09218	1.09218	1.28056
15651	2.52849	1.08241	1.08241	1.29047
15652	2.53091	1.06689	1.06689	1.2866
15653	2.54675	1.06695	1.06695	1.2952
15654	2.54798	1.06773	1.06773	1.29386
15655	2.54898	1.05318	1.05318	1.26031
15656	2.50573	0.93991	0.93991	1.07252
15657	2.48488	0.98819	0.98819	1.02754
15658	2.5435	1.08744	1.08744	1.24527
15659	2.54765	1.10833	1.10833	1.26853
15660	2.53841	1.10896	1.10896	1.25767
15661	2.49815	1.11258	1.11258	1.2202

15662	2.67089	0.52834	0.52834	0.78606
15663	2.72802	0.81978	0.81978	0.86468
15664	2.71507	0	0	0
15665	2.68184	0.81759	0.81759	0.85944
15666	2.62336	0	0	0
15667	2.53897	0.90861	0.90861	0.9848
15668	2.53017	0.9499	0.9499	1.04436
15669	2.48173	0.8736	0.8736	0.92312
15670	2.4497	0.81585	0.81585	0.82503
15671	2.41257	0	0	0
15672	2.49759	0	0	0
15673	2.56851	1.05565	1.05565	1.21999
15674	2.5678	1.08055	1.08055	1.25465
15675	2.563	1.08888	1.08888	1.25834
15676	2.50381	0.81633	0.81633	0.83301
15677	2.47982	0	0	0
15678	2.50721	0.94575	0.94575	1.04025
15679	2.45869	0.92514	0.92514	0.99913
15680	2.41123	0.89868	0.89868	0.94655
15681	2.38775	0.86457	0.86457	0.88649
15682	2.37363	0.8082	0.8082	0.78981
15683	2.33715	0	0	0
15684	2.54444	0.98495	0.98495	1.10044
15685	2.54356	1.00994	1.00994	1.1449
15686	2.54433	1.05036	1.05036	1.21055
15687	2.5207	0.97335	0.97335	1.07548
15688	2.50381	0.95941	0.95941	1.05838
15689	2.47121	0.9426	0.9426	1.03022
15690	2.39689	0.80825	0.80825	0.80031
15691	2.42035	0.866	0.866	0.89915
15692	2.45482	0.9006	0.9006	0.96108
15693	2.45547	0.92382	0.92382	1.00083
15694	2.44837	0.22837	0.22837	0.38386
15695	2.47299	0.75246	0.75246	0.73463
15696	2.4947	0.81001	0.81001	0.82337
15697	2.43975	0.37556	0.37556	0.61519
15698	2.48432	0.94436	0.94436	1.03169
15699	2.48323	0.92635	0.92635	1.00703
15700	2.4599	0.90195	0.90195	0.95892
15701	2.43484	0.86776	0.86776	0.89808
15702	2.39348	0.80876	0.80876	0.80127

15703	2.38247	0	0	0
15704	2.3554	0	0	0
15705	2.5268	0.84993	0.84993	0.89004
15706	2.50325	0.8162	0.8162	0.83434
15707	2.47494	0.75978	0.75978	0.73832
15708	2.44055	0.51145	0.51145	0.59098
15709	2.39538	0.5208	0.5208	0.67189
15710	2.45598	0.75896	0.75896	0.80786
15711	2.40144	0.40046	0.40046	0.52417
15712	2.47779	0.8141	0.8141	0.85807
15713	2.48178	1.01566	1.01566	1.1252
15714	2.45073	0.99444	0.99444	1.08759
15715	2.45449	0.97451	0.97451	1.0662
15716	2.4111	0.96008	0.96008	1.029
15717	2.41389	0.90379	0.90379	0.93646
15718	2.4083	0.87038	0.87038	0.88755
15719	2.35787	0.81022	0.81022	0.7933
15720	2.34228	0	0	0
15721	2.38245	0.81296	0.81296	0.79799
15722	2.36826	0	0	0
15723	2.51974	0.94034	0.94034	1.25478
15724	2.51016	0.84832	0.84832	0.85826
15725	2.50441	0.81376	0.81376	0.84357
15726	2.48148	0.87789	0.87789	1.24046
15727	2.46149	0.85598	0.85598	1.231
15728	2.45402	0.83057	0.83057	1.23355
15729	2.44592	0.81901	0.81901	1.22312
15730	2.44437	0.84582	0.84582	1.2246
15731	2.4464	0.88243	0.88243	1.1988
15732	2.44286	0.86575	0.86575	1.22402
15733	2.44254	0.89912	0.89912	1.19464
15734	2.44453	0.91262	0.91262	1.1856
15735	2.45134	0.97706	0.97706	1.1883
15736	2.44902	0.9262	0.9262	1.18675
15737	2.46969	0.99271	0.99271	1.19315
15738	2.48677	1.00817	1.00817	1.20119
15739	2.50423	1.05698	1.05698	1.2128
15740	2.49616	1.01623	1.01623	1.20218
15741	2.51734	1.06207	1.06207	1.21508
15742	2.55812	1.06685	1.06685	1.226
15743	2.44172	0.95428	0.95428	1.01707

15744	2.42032	0.93463	0.93463	0.98468
15745	2.39615	0.90953	0.90953	0.9433
15746	2.38669	0.87904	0.87904	0.89436
15747	2.36218	0.82179	0.82179	0.80139
15748	2.32048	0	0	0
15749	2.39838	0.86901	0.86901	0.89106
15750	2.38482	0.81159	0.81159	0.80572
15751	2.36552	0	0	0
15752	2.42607	0.5905	0.5905	1.02414
15753	2.42226	0.75907	0.75907	1.01365
15754	2.42208	0.81055	0.81055	1.00298
15755	2.42215	0.84187	0.84187	0.99408
15756	2.4293	0.86641	0.86641	0.98845
15757	2.44477	0.88382	0.88382	0.99294
15758	2.47571	0	0	0
15759	2.45133	0.90785	0.90785	0.95636
15760	2.43393	0.87362	0.87362	0.8987
15761	2.435	0.81686	0.81686	0.81375
15762	2.43591	0	0	0
15763	2.48212	0.76154	0.76154	0.81282
15764	2.48765	0.5907	0.5907	0.81044
15765	2.44724	1.02812	1.02812	1.1366
15766	2.47774	0.9923	0.9923	1.10199
15767	2.49674	0.97186	0.97186	1.08044
15768	2.39931	0	0	0
15769	2.47239	0.95777	0.95777	1.05186
15770	2.41946	0.90368	0.90368	0.95163
15771	2.41004	0.86978	0.86978	0.90111
15772	2.39127	0.8122	0.8122	0.80922
15773	2.35574	0	0	0
15774	2.45975	0.94196	0.94196	1.03352
15775	2.42726	0.92214	0.92214	0.9976
15776	2.40045	0.89662	0.89662	0.95092
15777	2.4041	0.86363	0.86363	0.90055
15778	2.4184	0	0	0
15779	2.36574	0	0	0
15780	2.47864	0.81057	0.81057	0.828
15781	2.45988	0	0	0
15782	2.45944	0.9446	0.9446	1.03766
15783	2.41268	0.92296	0.92296	0.99835
15784	2.37925	0.86478	0.86478	0.89864

15785	2.35412	0	0	0
15786	2.35105	0.80689	0.80689	0.79949
15787	2.31675	0	0	0
15788	2.47975	0.91516	0.91516	1.05797
15789	2.50151	1.01083	1.01083	1.13079
15790	2.49156	1.00151	1.00151	1.11973
15791	2.48278	0.99182	0.99182	1.10876
15792	2.46051	0.97951	0.97951	1.08627
15793	2.42936	0.93085	0.93085	1.00299
15794	2.42647	0.96447	0.96447	1.05539
15795	2.40861	0.90601	0.90601	0.95953
15796	2.41217	0.81668	0.81668	0.81529
15797	2.40801	0	0	0
15798	2.39323	0	0	0
15799	2.35396	0	0	0
15800	2.47441	0.97179	0.97179	0.98932
15801	2.49555	0.98687	0.98687	1.11189
15802	2.51699	0.86644	0.86644	0.92074
15803	2.50873	0.81019	0.81019	0.82259
15804	2.51755	0	0	0
15805	2.45636	0.91287	0.91287	0.96225
15806	2.44259	0.87879	0.87879	0.90931
15807	2.40677	0.81955	0.81955	0.81203
15808	2.38233	0	0	0
15809	2.43292	0.93572	0.93572	1.02032
15810	2.40325	0.91595	0.91595	0.98911
15811	2.39176	0.89228	0.89228	0.94977
15812	2.36055	0.85719	0.85719	0.88753
15813	2.34619	0.80093	0.80093	0.79799
15814	2.3273	0	0	0
15815	2.44378	0.81864	0.81864	1.15567
15816	2.42955	0.80955	0.80955	1.15329
15817	2.4211	0.82397	0.82397	1.14719
15818	2.41233	0.8566	0.8566	1.1409
15819	2.40385	0.88109	0.88109	1.13515
15820	2.40035	0.90166	0.90166	1.13485
15821	2.39862	0.91935	0.91935	1.13529
15822	2.39789	0.9334	0.9334	1.13782
15823	2.39629	0.9453	0.9453	1.13932
15824	2.39739	0.95688	0.95688	1.13908
15825	2.40234	0.96768	0.96768	1.14331

15826	2.40509	0.97706	0.97706	1.14806
15827	2.39242	0	0	0
15828	2.40796	0.7755	0.7755	0.81546
15829	2.44056	0.83025	0.83025	0.9229
15830	2.43926	0.90185	0.90185	1.05705
15831	2.34563	0	0	0
15832	2.38233	0.77458	0.77458	0.80754
15833	2.47712	0.91721	0.91721	1.09334
15834	2.50685	0.92981	0.92981	1.11704
15835	2.52466	0.94049	0.94049	1.13705
15836	2.5247	0.989	0.989	1.21542
15837	2.47341	0.90226	0.90226	1.05272
15838	2.45604	0.77669	0.77669	0.81744
15839	2.45545	0.88486	0.88486	1.02648
15840	2.44541	0	0	0
15841	2.39583	0.77526	0.77526	0.81359
15842	2.36411	0	0	0
15843	2.55362	0.9945	0.9945	1.22985
15844	2.56994	0.99917	0.99917	1.23948
15845	2.57195	1.01598	1.01598	1.26842
15846	2.59708	1.0202	1.0202	1.2659
15847	2.58695	1.04153	1.04153	1.28623
15848	2.59202	1.04401	1.04401	1.28239
15849	2.61395	1.04723	1.04723	1.27939
15850	2.50575	0.83282	0.83282	0.94346
15851	2.43584	0.77682	0.77682	0.82687
15852	2.41216	0	0	0
15853	2.51902	0.90409	0.90409	1.05868
15854	2.49747	0.88636	0.88636	1.0323
15855	2.47464	0.86347	0.86347	0.99382
15856	2.44088	0.8311	0.8311	0.92826
15857	2.41488	0.77651	0.77651	0.82197
15858	2.39091	0	0	0
15859	2.61353	1.04874	1.04874	1.25718
15860	2.59416	1.0542	1.0542	1.25784
15861	2.51765	0.78078	0.78078	0.84802
15862	2.43156	0	0	0
15863	2.63131	1.05671	1.05671	1.26432
15864	2.6303	1.06066	1.06066	1.27233
15865	2.65223	1.06291	1.06291	1.28079
15866	2.69524	1.06353	1.06353	1.34449

15867	2.71776	1.12	1.12	1.38962
15868	2.55693	0	0	0
15869	2.62086	1.0591	1.0591	1.32064
15870	2.55873	1.05493	1.05493	1.29947
15871	2.54275	1.0149	1.0149	1.23423
15872	2.54349	1.05231	1.05231	1.29291
15873	2.52149	1.01072	1.01072	1.22269
15874	2.51064	1.00714	1.00714	1.22074
15875	2.49011	1.00426	1.00426	1.20954
15876	2.46675	0.88572	0.88572	1.01509
15877	2.46325	0.94761	0.94761	1.1093
15878	2.46437	0.98197	0.98197	1.17024
15879	2.46251	0.9989	0.9989	1.19385
15880	2.44438	0.86161	0.86161	0.95052
15881	2.37764	0.82812	0.82812	0.88961
15882	2.33911	0.77286	0.77286	0.79209
15883	2.32712	0	0	0
15884	2.43944	0.8622	0.8622	0.96759
15885	2.42239	0.82994	0.82994	0.91196
15886	2.40074	0.77589	0.77589	0.81499
15887	2.38245	0	0	0
15888	2.4309	0.86188	0.86188	0.96406
15889	2.4112	0.82977	0.82977	0.90912
15890	2.38631	0.77528	0.77528	0.81351
15891	2.35293	0	0	0
15892	2.38331	0.7755	0.7755	0.81262
15893	2.35771	0	0	0
15894	2.47491	0.96296	0.96296	1.13618
15895	2.45017	0.95479	0.95479	1.11784
15896	2.42133	0.94572	0.94572	1.10006
15897	2.40771	0.93685	0.93685	1.08397
15898	2.39365	0.86009	0.86009	0.94773
15899	2.39241	0.92573	0.92573	1.06105
15900	2.38981	0.8284	0.8284	0.89422
15901	2.3827	0.77502	0.77502	0.80257
15902	2.3799	0	0	0
15903	2.38605	0.82922	0.82922	0.90293
15904	2.37741	0.77524	0.77524	0.81192
15905	2.36743	0	0	0
15906	2.74862	1.12166	1.12166	1.39254
15907	2.7503	1.13038	1.13038	1.40128

15908	2.74975	1.13176	1.13176	1.39962
15909	2.65108	0.90977	0.90977	1.08531
15910	2.59834	0.89171	0.89171	1.04786
15911	2.56873	0.86873	0.86873	1.00495
15912	2.52024	0.83617	0.83617	0.94011
15913	2.46685	0.78099	0.78099	0.83661
15914	2.39895	0	0	0
15915	2.64751	0	0	0
15916	2.79836	1.13475	1.13475	1.41269
15917	2.79	1.14447	1.14447	1.4151
15918	2.78073	1.14451	1.14451	1.40552
15919	2.78011	1.14597	1.14597	1.40503
15920	2.78228	1.15561	1.15561	1.41822
15921	2.64916	0.96515	0.96515	1.17476
15922	2.60643	0.95618	0.95618	1.15181
15923	2.56852	0.9444	0.9444	1.12865
15924	2.53849	0.93384	0.93384	1.10801
15925	2.50684	0.92068	0.92068	1.07914
15926	2.50585	0.83513	0.83513	0.93493
15927	2.49094	0.78117	0.78117	0.84036
15928	2.47048	0	0	0
15929	2.48888	0.83478	0.83478	0.93169
15930	2.47215	0.78085	0.78085	0.83792
15931	2.44968	0	0	0
15932	2.46948	0	0	0
15933	2.48485	0.78241	0.78241	0.83632
15934	2.52788	0.40142	0.40142	0.64322
15935	2.52843	0.85559	0.85559	0.95907
15936	2.55378	0.4184	0.4184	0.71592
15937	2.64486	0.73661	0.73661	0.8396
15938	2.64761	0.78686	0.78686	0.87142
15939	2.59721	0	0	0
15940	2.65162	0.97594	0.97594	1.18777
15941	2.62932	0.96869	0.96869	1.17077
15942	2.59492	0.88291	0.88291	1.01398
15943	2.59285	0.96012	0.96012	1.15006
15944	2.49692	0.89048	0.89048	1.01943
15945	2.47758	0.86737	0.86737	0.97946
15946	2.47753	0.78231	0.78231	0.83717
15947	2.46187	0	0	0
15948	2.42209	0	0	0

15949	2.80463	1.15718	1.15718	1.42192
15950	2.80266	1.15966	1.15966	1.42213
15951	2.80075	1.1632	1.1632	1.42159
15952	2.65247	0.84056	0.84056	0.9621
15953	2.59528	0.78571	0.78571	0.86048
15954	2.57248	0	0	0
15955	2.63972	0.89358	0.89358	1.05101
15956	2.55443	0.86909	0.86909	0.99383
15957	2.53044	0.837	0.837	0.93646
15958	2.477	0.78225	0.78225	0.83626
15959	2.43602	0	0	0
15960	2.81491	1.16426	1.16426	1.42068
15961	2.81746	1.16773	1.16773	1.42386
15962	2.82119	1.17116	1.17116	1.42807
15963	2.82201	1.17126	1.17126	1.42462
15964	2.82406	1.17391	1.17391	1.42665
15965	2.81947	1.1802	1.1802	1.42937
15966	2.82149	1.18072	1.18072	1.431
15967	2.8156	1.20241	1.20241	1.43078
15968	2.67419	0.89574	0.89574	1.05193
15969	2.62841	0.8726	0.8726	1.00918
15970	2.59011	0.84035	0.84035	0.95097
15971	2.55212	0.78554	0.78554	0.85289
15972	2.48984	0	0	0
15973	2.66807	0.89562	0.89562	1.05136
15974	2.57438	0.8711	0.8711	0.99715
15975	2.55041	0.83903	0.83903	0.94045
15976	2.51695	0.7845	0.7845	0.84484
15977	2.47189	0	0	0
15978	2.66727	0.974	0.974	1.17467
15979	2.57699	0.96432	0.96432	1.14147
15980	2.51543	0.95346	0.95346	1.1157
15981	2.46802	0.94264	0.94264	1.08942
15982	2.4685	0.92051	0.92051	1.05577
15983	2.44904	0.90571	0.90571	1.03015
15984	2.42491	0.88766	0.88766	0.99651
15985	2.40845	0.8647	0.8647	0.95759
15986	2.40812	0.78011	0.78011	0.82064
15987	2.37185	0	0	0
15988	2.36074	0	0	0
15989	2.42198	0	0	0

15990	2.67372	0.7883	0.7883	0.87241
15991	2.62115	0	0	0
15992	2.68063	1.06463	1.06463	1.3061
15993	2.63026	1.06123	1.06123	1.2897
15994	2.66557	0	0	0
15995	2.57818	1.05774	1.05774	1.27736
15996	2.55282	1.00829	1.00829	1.21029
15997	2.55028	1.03596	1.03596	1.2552
15998	2.54863	1.05374	1.05374	1.27438
15999	2.53296	0.952	0.952	1.10967
16000	2.53003	1.00079	1.00079	1.19486
16001	2.43564	0.40081	0.40081	0.66912
16002	2.52689	0.94326	0.94326	1.10408
16003	2.45308	0.93075	0.93075	1.07358
16004	2.40991	0.91704	0.91704	1.04739
16005	2.36825	0.90125	0.90125	1.01376
16006	2.36872	0.86068	0.86068	0.94596
16007	2.36143	0.82871	0.82871	0.89389
16008	2.32558	0	0	0
16009	2.33254	0.77435	0.77435	0.79614
16010	2.3038	0	0	0
16011	2.48943	0.86649	0.86649	0.97979
16012	2.48813	0.91989	0.91989	1.06876
16013	2.47575	0.83501	0.83501	0.9238
16014	2.45505	0.78077	0.78077	0.83059
16015	2.42287	0	0	0
16016	2.43877	0.78011	0.78011	0.82808
16017	2.4199	0	0	0
16018	2.47864	0	0	0
16019	2.47016	0.90519	0.90519	1.03173
16020	2.47243	0.88805	0.88805	1.01182
16021	2.47376	0.78123	0.78123	0.83601
16022	2.44956	0	0	0
16023	2.43873	0.77995	0.77995	0.82771
16024	2.42527	0	0	0
16025	2.47238	0.90502	0.90502	1.03315
16026	2.4356	0.88654	0.88654	0.99732
16027	2.37851	0.8618	0.8618	0.94639
16028	2.36607	0.83022	0.83022	0.89529
16029	2.33579	0.77541	0.77541	0.7987
16030	2.30714	0	0	0

16031	2.81695	1.20298	1.20298	1.42814
16032	2.81637	1.20681	1.20681	1.42444
16033	2.80993	1.20883	1.20883	1.42251
16034	2.66346	0.96213	0.96213	1.15296
16035	2.60172	0.95184	0.95184	1.12888
16036	2.60176	0.91547	0.91547	1.06872
16037	2.53101	0.8963	0.8963	1.02328
16038	2.50186	0	0	0
16039	2.50048	0.86975	0.86975	0.97956
16040	2.45759	0.78381	0.78381	0.83042
16041	2.44539	0	0	0
16042	2.53668	0.78788	0.78788	0.84942
16043	2.5098	0	0	0
16044	2.81138	1.20975	1.20975	1.42278
16045	2.81582	1.22135	1.22135	1.41086
16046	2.65358	0.89659	0.89659	1.04706
16047	2.60999	0.87321	0.87321	1.00251
16048	2.59034	0.8412	0.8412	0.9476
16049	2.53133	0.78597	0.78597	0.84727
16050	2.49925	0	0	0
16051	2.6714	1.05091	1.05091	1.28421
16052	2.60813	1.04623	1.04623	1.2637
16053	2.51697	1.0399	1.0399	1.2344
16054	2.49443	1.03608	1.03608	1.22709
16055	2.45115	1.031	1.031	1.21151
16056	2.45048	0.94632	0.94632	1.08277
16057	2.41257	0.98733	0.98733	1.13208
16058	2.40065	0.97755	0.97755	1.12263
16059	2.39125	0.90406	0.90406	1.00385
16060	2.39129	0.9715	0.9715	1.1135
16061	2.34845	0.88369	0.88369	0.96377
16062	2.32276	0.86014	0.86014	0.92236
16063	2.31518	0.82861	0.82861	0.87371
16064	2.28771	0.7738	0.7738	0.78246
16065	2.26589	0	0	0
16066	2.35379	0.90223	0.90223	0.99749
16067	2.33791	0.88343	0.88343	0.96732
16068	2.33819	0.77704	0.77704	0.79802
16069	2.33042	0	0	0
16070	2.31593	0.77597	0.77597	0.79226
16071	2.29988	0	0	0

16072	2.41711	0.93457	0.93457	1.05663
16073	2.37566	0.91706	0.91706	1.0255
16074	2.35671	0.90233	0.90233	0.99653
16075	2.33924	0.88415	0.88415	0.96506
16076	2.31944	0.85999	0.85999	0.92317
16077	2.30047	0.82775	0.82775	0.87027
16078	2.28699	0.77382	0.77382	0.78246
16079	2.2768	0	0	0
16080	2.81746	1.22125	1.22125	1.41132
16081	2.81911	1.2238	1.2238	1.40844
16082	2.82461	1.23967	1.23967	1.40867
16083	2.64894	0.87964	0.87964	1.00757
16084	2.58593	0.84655	0.84655	0.94248
16085	2.49811	0.79008	0.79008	0.83575
16086	2.46731	0	0	0
16087	2.65849	0.82486	0.82486	0.91745
16088	2.65728	0.9024	0.9024	1.046
16089	2.55144	0.79073	0.79073	0.84431
16090	2.52395	0.73598	0.73598	0.7502
16091	2.48437	0	0	0
16092	2.4438	0.25273	0.25273	0.13764
16093	2.48421	0.73506	0.73506	0.74491
16094	2.50599	0.7895	0.7895	0.83584
16095	2.5509	0.8224	0.8224	0.89704
16096	2.82407	1.23934	1.23934	1.41033
16097	2.82161	1.23874	1.23874	1.41053
16098	2.81375	1.24057	1.24057	1.4055
16099	2.81759	1.24225	1.24225	1.40304
16100	2.81633	1.24345	1.24345	1.39923
16101	2.80046	1.26	1.26	1.33659
16102	2.48039	0	0	0
16103	2.55425	0.79995	0.79995	0.8492
16104	2.59499	0.85509	0.85509	0.94296
16105	2.65549	0.88869	0.88869	1.0074
16106	2.68993	0.92789	0.92789	1.07168
16107	2.71026	1.1162	1.1162	1.34542
16108	2.58189	0.90717	0.90717	1.01915
16109	2.51372	0.8826	0.8826	0.96996
16110	2.48207	0.85018	0.85018	0.91635
16111	2.46747	0.79509	0.79509	0.82515
16112	2.44053	0	0	0

16113	2.65289	0.94484	0.94484	1.08871
16114	2.60598	0.92951	0.92951	1.05531
16115	2.56433	0.91085	0.91085	1.0191
16116	2.54311	0.88833	0.88833	0.98333
16117	2.52636	0.85643	0.85643	0.92949
16118	2.5076	0.80327	0.80327	0.83597
16119	2.45291	0	0	0
16120	2.6533	1.11265	1.11265	1.33056
16121	2.57965	1.10833	1.10833	1.31198
16122	2.55256	1.10585	1.10585	1.30818
16123	2.55156	1.08943	1.08943	1.28469
16124	2.5526	1.08587	1.08587	1.28026
16125	2.53984	1.08364	1.08364	1.27957
16126	2.5412	1.08098	1.08098	1.27708
16127	2.53624	1.07906	1.07906	1.27467
16128	2.53866	1.0714	1.0714	1.26585
16129	2.53995	1.03925	1.03925	1.23164
16130	2.47408	0	0	0
16131	2.52074	0.79032	0.79032	0.82956
16132	2.51861	0.96169	0.96169	1.10486
16133	2.46724	0.93369	0.93369	1.05429
16134	2.43397	0.9184	0.9184	1.0242
16135	2.50192	0.73507	0.73507	0.7271
16136	2.44741	0.18018	0.18018	0.29533
16137	2.4822	0.28078	0.28078	0.46323
16138	2.46095	0.8461	0.8461	0.91719
16139	2.42404	0.79046	0.79046	0.82093
16140	2.4033	0	0	0
16141	2.41295	0.90072	0.90072	0.99175
16142	2.41216	0.7945	0.7945	0.8175
16143	2.39392	0	0	0
16144	2.38795	0.79343	0.79343	0.81125
16145	2.36938	0	0	0
16146	2.46052	0.85736	0.85736	0.94143
16147	2.46005	0.91848	0.91848	1.04273
16148	2.41801	0.78498	0.78498	0.81541
16149	2.41889	0	0	0
16150	2.43675	0.78494	0.78494	0.82097
16151	2.37549	0.15012	0.15012	0.24612
16152	2.38018	0	0	0
16153	2.51607	1.03459	1.03459	1.22509

16154	2.51613	1.01474	1.01474	1.1892
16155	2.5157	0.99063	0.99063	1.15183
16156	2.50772	0.98277	0.98277	1.14725
16157	2.51319	0.95733	0.95733	1.10725
16158	2.4318	0.37346	0.37346	0.62597
16159	2.48552	0.87194	0.87194	0.96234
16160	2.45229	0.83796	0.83796	0.90443
16161	2.41166	0.7828	0.7828	0.80682
16162	2.37632	0	0	0
16163	2.47718	0.88352	0.88352	0.97841
16164	2.47512	0.8403	0.8403	0.91382
16165	2.44421	0.78574	0.78574	0.81729
16166	2.41275	0	0	0
16167	2.49633	0.94781	0.94781	1.0893
16168	2.50787	0.8599	0.8599	0.95449
16169	2.51434	0.84294	0.84294	0.93597
16170	2.47112	0.81629	0.81629	0.88808
16171	2.45374	0.78441	0.78441	0.82403
16172	2.43902	0.72918	0.72918	0.72111
16173	2.39781	0.18416	0.18416	0.34408
16174	2.40144	0.08442	0.08442	0
16175	2.43616	0.73057	0.73057	0.71219
16176	2.45774	0.7845	0.7845	0.81723
16177	2.46173	0.81937	0.81937	0.86737
16178	2.47727	0.84211	0.84211	0.91146
16179	2.43057	0.89003	0.89003	0.97212
16180	2.41013	0.86729	0.86729	0.93565
16181	2.37628	0.83165	0.83165	0.88398
16182	2.36303	0.77791	0.77791	0.78794
16183	2.3353	0	0	0
16184	2.76196	1.2588	1.2588	1.32055
16185	2.7516	1.25898	1.25898	1.31511
16186	2.74224	1.25988	1.25988	1.3121
16187	2.73812	1.25978	1.25978	1.3061
16188	2.73257	1.25885	1.25885	1.30709
16189	2.61406	0.80199	0.80199	0.85795
16190	2.56392	0	0	0
16191	2.62241	0.85581	0.85581	0.94479
16192	2.58588	0.80024	0.80024	0.85253
16193	2.55598	0	0	0
16194	2.72457	1.25875	1.25875	1.3099

16195	2.72723	1.26091	1.26091	1.31301
16196	2.60044	1.00712	1.00712	1.17124
16197	2.5678	1.00086	1.00086	1.16415
16198	2.56925	0.93573	0.93573	1.04642
16199	2.47984	0	0	0
16200	2.47672	0.9258	0.9258	1.0305
16201	2.46514	0.28104	0.28104	0.46363
16202	2.51765	0.90975	0.90975	0.99772
16203	2.5147	0.88718	0.88718	0.97518
16204	2.45136	0.85218	0.85218	0.9095
16205	2.41708	0.79652	0.79652	0.80986
16206	2.39963	0	0	0
16207	2.42313	0.88296	0.88296	0.94766
16208	2.42469	0.8514	0.8514	0.89857
16209	2.42016	0.79687	0.79687	0.8121
16210	2.38932	0	0	0
16211	2.7105	1.2627	1.2627	1.31605
16212	2.71039	1.26305	1.26305	1.31467
16213	2.71264	1.26295	1.26295	1.315
16214	2.72089	1.26315	1.26315	1.32282
16215	2.57669	0	0	0
16216	2.59219	0.80406	0.80406	0.85158
16217	2.51925	0	0	0
16218	2.71258	1.265	1.265	1.32307
16219	2.72706	1.26569	1.26569	1.32895
16220	2.73168	1.26622	1.26622	1.33484
16221	2.73256	1.26878	1.26878	1.3325
16222	2.58521	0.74749	0.74749	0.85626
16223	2.53801	0.46461	0.46461	0.74365
16224	2.50979	0.20717	0.20717	0.56116
16225	2.51964	0.85455	0.85455	0.93398
16226	2.52314	0.74326	0.74326	0.68052
16227	2.58347	0.87453	0.87453	0.97559
16228	2.60947	0.99325	0.99325	1.16545
16229	2.55097	0.98365	0.98365	1.14219
16230	2.55134	0.80355	0.80355	0.84741
16231	2.5304	0	0	0
16232	2.46963	0.95228	0.95228	1.07543
16233	2.431	0.88452	0.88452	0.96106
16234	2.42949	0.93851	0.93851	1.04918
16235	2.4064	0.85165	0.85165	0.90174

16236	2.39348	0.79713	0.79713	0.81024
16237	2.35645	0	0	0
16238	2.35964	0.79525	0.79525	0.80161
16239	2.34028	0	0	0
16240	2.7314	1.2696	1.2696	1.3386
16241	2.7364	1.26898	1.26898	1.32652
16242	2.73955	1.27063	1.27063	1.34549
16243	2.58807	0.83632	0.83632	0.87766
16244	2.59151	0.95247	0.95247	0.99107
16245	2.50957	0.80159	0.80159	0.79406
16246	2.46251	0.74456	0.74456	0.64246
16247	2.44397	0.44409	0.44409	0.43988
16248	2.45061	0.48609	0.48609	0.68198
16249	2.46316	0.74535	0.74535	0.80317
16250	2.60973	0.66447	0.66447	1.01593
16251	2.60725	0.89196	0.89196	0.99956
16252	2.52434	0.85755	0.85755	0.92742
16253	2.5111	0.80311	0.80311	0.83809
16254	2.48428	0	0	0
16255	2.73837	1.27118	1.27118	1.346
16256	2.72864	1.27176	1.27176	1.34294
16257	2.71616	1.27538	1.27538	1.33704
16258	2.71699	1.27598	1.27598	1.33525
16259	2.59103	0.86733	0.86733	0.94637
16260	2.52857	0.81018	0.81018	0.84521
16261	2.48924	0	0	0
16262	2.71102	1.27738	1.27738	1.32669
16263	2.70207	1.27717	1.27717	1.3056
16264	2.70164	1.2768	1.2768	1.20789
16265	2.65987	1.1177	1.1177	1.20647
16266	2.72345	1.28874	1.28874	1.3149
16267	2.71236	1.28926	1.28926	1.30548
16268	2.59715	0.89991	0.89991	0.9898
16269	2.58242	0.86719	0.86719	0.9344
16270	2.53658	0.81093	0.81093	0.83554
16271	2.4945	0	0	0
16272	2.76072	0.98621	0.98621	1.18945
16273	2.73416	1.05013	1.05013	1.27762
16274	2.70948	1.06749	1.06749	1.28378
16275	2.67279	1.10217	1.10217	1.29507
16276	2.65985	1.10589	1.10589	1.28878

16277	2.50549	0.40333	0.40333	0.67582
16278	2.67225	1.10926	1.10926	1.29123
16279	2.66588	1.11632	1.11632	1.30386
16280	2.60898	0.83555	0.83555	1.18554
16281	2.50506	0	0	0
16282	2.51764	0.80675	0.80675	0.83131
16283	2.56634	0.86328	0.86328	0.93892
16284	2.66417	0.93827	0.93827	1.09188
16285	2.65667	0.98474	0.98474	1.16842
16286	2.61778	0.86446	0.86446	0.96156
16287	2.60862	0.91884	0.91884	1.05289
16288	2.59585	0.80915	0.80915	0.85931
16289	2.50356	0	0	0
16290	2.51614	0	0	0
16291	2.7468	0.96586	0.96586	1.16266
16292	2.53606	0	0	0
16293	2.70169	0.95261	0.95261	1.12852
16294	2.67184	0.93741	0.93741	1.1018
16295	2.61633	0.91849	0.91849	1.05916
16296	2.52347	0.89307	0.89307	0.99374
16297	2.49073	0.86	0.86	0.93219
16298	2.47271	0.80483	0.80483	0.8284
16299	2.43329	0	0	0
16300	2.52132	0	0	0
16301	2.52663	0.80675	0.80675	0.83137
16302	2.57324	0.86331	0.86331	0.93506
16303	2.60228	0.89658	0.89658	0.99624
16304	2.38841	0	0	0
16305	2.42652	0.8027	0.8027	0.81757
16306	2.47329	0	0	0
16307	2.51114	0.80608	0.80608	0.83992
16308	2.50937	0.91492	0.91492	1.03687
16309	2.53699	0.93331	0.93331	1.05979
16310	2.49636	0	0	0
16311	2.48332	0	0	0
16312	2.53473	0.80731	0.80731	0.84505
16313	2.53338	0.89362	0.89362	1.00034
16314	2.56107	0.91725	0.91725	1.04433
16315	2.55323	0.99648	0.99648	1.15926
16316	2.58294	1.00535	1.00535	1.15092
16317	2.51354	0	0	0

16318	2.5215	0.86352	0.86352	0.91205
16319	2.52673	0.80917	0.80917	0.84224
16320	2.50547	0	0	0
16321	2.32198	0	0	0
16322	2.3279	0.79811	0.79811	0.78652
16323	2.34056	0.85339	0.85339	0.87639
16324	2.3444	0.88526	0.88526	0.92191
16325	2.34684	0.90787	0.90787	0.94832
16326	2.34766	0	0	0
16327	2.36092	0.80121	0.80121	0.78993
16328	2.34053	0	0	0
16329	2.37059	0.80213	0.80213	0.80348
16330	2.39291	0.99053	0.99053	1.10118
16331	2.39422	0.92919	0.92919	1.01438
16332	2.39423	0.85767	0.85767	0.89989
16333	2.42119	0.99928	0.99928	1.11665
16334	2.43563	1.00653	1.00653	1.1234
16335	2.47829	1.01515	1.01515	1.14254
16336	2.51919	1.02295	1.02295	1.15328
16337	2.58327	1.03134	1.03134	1.17262
16338	2.69767	1.28953	1.28953	1.28751
16339	2.68464	1.2924	1.2924	1.27212
16340	2.6665	1.29221	1.29221	1.23812
16341	2.6539	1.29185	1.29185	1.20109
16342	2.67361	1.29425	1.29425	1.1994
16343	2.67679	1.29479	1.29479	1.19452
16344	2.6916	1.29679	1.29679	1.19157
16345	2.6864	1.29791	1.29791	1.21334
16346	2.69552	1.29916	1.29916	1.21359
16347	2.71983	1.30148	1.30148	1.21532
16348	2.61115	0.94574	0.94574	1.03365
16349	2.56382	0.92573	0.92573	0.99928
16350	2.49827	0.90001	0.90001	0.95992
16351	2.43701	0.86473	0.86473	0.90436
16352	2.39445	0.80763	0.80763	0.81302
16353	2.36671	0	0	0
16354	2.48465	1.37882	1.37882	1.12776
16355	2.48307	1.3786	1.3786	1.12095
16356	2.48771	1.38582	1.38582	1.08302
16357	2.48604	1.38551	1.38551	1.08033
16358	2.51249	1.38506	1.38506	0.9357

16359	2.44137	0.99831	0.99831	1.03861
16360	2.40966	0.9847	0.9847	1.02872
16361	2.3654	0.9632	0.9632	1.00252
16362	2.33018	0.87287	0.87287	0.86596
16363	2.33089	0.94523	0.94523	0.97759
16364	2.3248	0.81773	0.81773	0.78346
16365	2.30727	0	0	0
16366	2.28831	0.81346	0.81346	0.77505
16367	2.25684	0	0	0
16368	2.601	1.38419	1.38419	0.99032
16369	2.59121	1.38361	1.38361	0.99847
16370	2.56058	1.22414	1.22414	1.00644
16371	2.55286	1.38349	1.38349	0.98553
16372	2.63403	1.06726	1.06726	1.24189
16373	2.56499	1.21696	1.21696	1.25575
16374	2.56797	1.24117	1.24117	1.11583
16375	2.54996	1.10538	1.10538	0.96908
16376	2.48333	1.37122	1.37122	0.62958
16377	2.50366	1.37397	1.37397	0.8898
16378	2.51635	1.12284	1.12284	1.22312
16379	2.47215	1.11782	1.11782	1.21067
16380	2.47475	1.10244	1.10244	1.20355
16381	2.4617	1.09846	1.09846	1.19748
16382	2.47147	1.09053	1.09053	1.20038
16383	2.49014	0.9348	0.9348	1.0115
16384	2.42279	1.0653	1.0653	1.1745
16385	2.43211	1.04157	1.04157	1.17301
16386	2.41541	1.06	1.06	1.18858
16387	2.44273	0.943	0.943	1.00324
16388	2.42632	0.98025	0.98025	1.07639
16389	2.41898	1.03509	1.03509	1.17489
16390	2.36654	0.35041	0.35041	0.62836
16391	2.44701	0.92342	0.92342	0.99464
16392	2.43166	0.89831	0.89831	0.962
16393	2.39065	0.86298	0.86298	0.89806
16394	2.38468	0.80745	0.80745	0.80128
16395	2.35446	0	0	0
16396	2.36712	0	0	0
16397	2.37961	0.8134	0.8134	0.80508
16398	2.38931	0	0	0
16399	2.40278	0.88694	0.88694	0.91976

16400	2.40432	0.81605	0.81605	0.81146
16401	2.36813	0.89863	0.89863	0.94568
16402	2.36351	0.95313	0.95313	1.04008
16403	2.3593	0.86569	0.86569	0.88525
16404	2.3589	0.81031	0.81031	0.79384
16405	2.35347	0	0	0
16406	2.33381	0.80984	0.80984	0.77708
16407	2.33567	0	0	0
16408	2.46757	0.9101	0.9101	0.97013
16409	2.42611	0.87484	0.87484	0.90772
16410	2.39001	0.81754	0.81754	0.80346
16411	2.37865	0	0	0
16412	2.36864	0	0	0
16413	2.41155	0.82141	0.82141	0.8049
16414	2.41501	0.90886	0.90886	0.93683
16415	2.384	0.87408	0.87408	0.87364
16416	2.38088	0.8181	0.8181	0.7933
16417	2.37429	0	0	0
16418	2.41243	0.82144	0.82144	0.80803
16419	2.37151	0	0	0
16420	2.59023	0.83146	0.83146	0.85546
16421	2.59523	1.06099	1.06099	1.22804
16422	2.54991	0	0	0
16423	2.52048	0.90003	0.90003	0.96031
16424	2.52401	1.04159	1.04159	1.18326
16425	2.46529	1.00803	1.00803	1.11288
16426	2.46537	0.99958	0.99958	1.09892
16427	2.43845	0.98856	0.98856	1.08177
16428	2.42278	0.97757	0.97757	1.06316
16429	2.37333	0.96097	0.96097	1.02331
16430	2.35635	0.94473	0.94473	0.99338
16431	2.34167	0.92557	0.92557	0.9608
16432	2.32319	0.9009	0.9009	0.91747
16433	2.32098	0.81442	0.81442	0.77699
16434	2.29638	0	0	0
16435	2.29342	0	0	0
16436	2.49959	0.82722	0.82722	0.83927
16437	2.40895	0.29875	0.29875	0.48696
16438	2.43356	0	0	0
16439	2.62979	1.19324	1.19324	1.33259
16440	2.64488	1.19082	1.19082	1.34028

16441	2.65422	1.18917	1.18917	1.34713
16442	2.64888	1.18796	1.18796	1.34893
16443	2.69287	1.18397	1.18397	1.36241
16444	2.70906	1.12681	1.12681	1.22476
16445	2.50446	0	0	0
16446	2.57392	0.81327	0.81327	0.85845
16447	2.57424	0.88411	0.88411	0.98135
16448	2.54787	0	0	0
16449	2.50312	0.14051	0.14051	0.23888
16450	2.60029	0.81429	0.81429	0.86297
16451	2.60016	0.94815	0.94815	1.09352
16452	2.52319	0	0	0
16453	2.56647	0.88185	0.88185	0.97891
16454	2.56802	0.81138	0.81138	0.85817
16455	2.58385	0.89816	0.89816	1.00781
16456	2.58449	0.96954	0.96954	1.13167
16457	2.60776	0.98024	0.98024	1.15338
16458	2.60593	0.99695	0.99695	1.18027
16459	2.51555	0.86381	0.86381	0.94011
16460	2.4855	0.21689	0.21689	0.36953
16461	2.48118	0.80822	0.80822	0.8397
16462	2.43649	0	0	0
16463	2.38989	0	0	0
16464	2.43474	0.80343	0.80343	0.82314
16465	2.47994	0.85962	0.85962	0.92734
16466	2.50212	0.89216	0.89216	0.98751
16467	2.53989	0.91609	0.91609	1.03462
16468	2.58964	0	0	0
16469	2.5813	0.86381	0.86381	0.95109
16470	2.58143	0.97216	0.97216	1.13485
16471	2.49739	0	0	0
16472	2.5839	0	0	0
16473	2.62111	0.86514	0.86514	0.87686
16474	2.62621	0.81149	0.81149	0.87019
16475	2.56297	0	0	0
16476	2.61459	0	0	0
16477	2.54722	0	0	0
16478	2.66904	0.79025	0.79025	0.7109
16479	2.73175	1.13656	1.13656	1.35927
16480	2.72965	1.14599	1.14599	1.36036
16481	2.73496	1.1496	1.1496	1.36162

16482	2.73001	1.15188	1.15188	1.35999
16483	2.6838	1.12297	1.12297	1.30026
16484	2.73531	1.13045	1.13045	1.35865
16485	2.73919	1.12589	1.12589	1.36281
16486	2.73397	1.10483	1.10483	1.36277
16487	2.64267	0.08636	0.08636	0.15123
16488	2.59831	0.81269	0.81269	0.86526
16489	2.58167	0	0	0
16490	2.49244	0	0	0
16491	2.7159	1.06128	1.06128	1.17878
16492	2.75239	1.15364	1.15364	1.3102
16493	2.74385	1.15348	1.15348	1.29913
16494	2.70477	1.15318	1.15318	1.26358
16495	2.69209	1.15336	1.15336	1.24306
16496	2.68741	1.15489	1.15489	1.2297
16497	2.68242	1.155	1.155	1.24292
16498	2.69441	1.15515	1.15515	1.24881
16499	2.69208	1.15526	1.15526	1.25289
16500	2.69524	1.17964	1.17964	1.31034
16501	2.68572	1.17903	1.17903	1.30309
16502	2.57417	0	0	0
16503	2.57045	0.94269	0.94269	1.0483
16504	2.58145	0	0	0
16505	2.49584	0.8125	0.8125	0.83424
16506	2.49206	0.89875	0.89875	0.96855
16507	2.43169	0	0	0
16508	2.4321	0	0	0
16509	2.73323	1.10121	1.10121	1.36319
16510	2.73228	1.09276	1.09276	1.35619
16511	2.69779	0.98608	0.98608	1.24127
16512	2.6807	0.98077	0.98077	1.23197
16513	2.68498	0.97689	0.97689	1.23083
16514	2.71466	0.97407	0.97407	1.24023
16515	2.69785	0.97669	0.97669	1.23586
16516	2.72403	0.97712	0.97712	1.24134
16517	2.7207	0.97921	0.97921	1.23943
16518	2.82772	0.98586	0.98586	1.28868
16519	2.7911	1.02941	1.02941	1.29121
16520	2.79209	1.03531	1.03531	1.28647
16521	2.75078	1.06715	1.06715	1.29521
16522	2.72996	1.07095	1.07095	1.27236

16523	2.68102	1.07624	1.07624	1.24545
16524	2.65392	1.10742	1.10742	1.27097
16525	2.63822	1.10878	1.10878	1.20717
16526	2.62938	1.12345	1.12345	1.23033
16527	2.64655	1.17352	1.17352	1.30996
16528	2.62001	1.0747	1.0747	1.23388
16529	2.61602	1.11247	1.11247	1.28921
16530	2.59726	1.1159	1.1159	1.27643
16531	2.59622	0.69868	0.69868	1.13085
16532	2.49374	0	0	0
16533	2.55945	0.8128	0.8128	0.84728
16534	2.55422	0.98481	0.98481	1.10593
16535	2.49902	0	0	0
16536	2.62736	1.07155	1.07155	1.23996
16537	2.64464	1.04321	1.04321	1.23543
16538	2.63089	1.06734	1.06734	1.25332
16539	2.74242	0.98194	0.98194	1.28094
16540	2.69767	1.01448	1.01448	1.26828
16541	2.64432	1.0382	1.0382	1.24895
16542	2.53419	0.53553	0.53553	0.81421
16543	2.63709	1.01553	1.01553	1.26145
16544	2.64267	1.01393	1.01393	1.26466
16545	2.63723	0.97329	0.97329	1.2257
16546	2.63332	1.01724	1.01724	1.26401
16547	2.65135	1.05729	1.05729	1.29323
16548	2.65332	1.02148	1.02148	1.28075
16549	2.62629	0.51405	0.51405	0.88306
16550	2.66979	1.06237	1.06237	1.29945
16551	2.55516	0.96076	0.96076	1.1176
16552	2.49547	0.94617	0.94617	1.08148
16553	2.4952	0.91399	0.91399	1.02741
16554	2.45883	0.8043	0.8043	0.83458
16555	2.45534	0.8898	0.8898	0.9784
16556	2.39819	0	0	0
16557	2.39847	0	0	0
16558	2.45698	0	0	0
16559	2.53779	0	0	0
16560	2.59609	0.89459	0.89459	1.01941
16561	2.51943	0	0	0
16562	2.49783	0.80539	0.80539	0.84975
16563	2.47725	0	0	0

16564	2.51636	0	0	0
16565	2.57698	0.8942	0.8942	1.00376
16566	2.59702	0.80829	0.80829	0.86426
16567	2.50934	0	0	0
16568	2.53645	0.86229	0.86229	0.93104
16569	2.55292	0.86249	0.86249	0.89608
16570	2.57206	0.80921	0.80921	0.85259
16571	2.47191	0	0	0
16572	2.59719	0.95906	0.95906	1.11725
16573	2.59311	0.97869	0.97869	1.14905
16574	2.59202	0.93514	0.93514	1.12421
16575	2.58748	0.95735	0.95735	1.14718
16576	2.57941	0.97695	0.97695	1.16631
16577	2.56952	0.99957	0.99957	1.18956
16578	2.56344	1.01697	1.01697	1.20943
16579	2.55494	1.02672	1.02672	1.21755
16580	2.48026	0	0	0
16581	2.48753	0	0	0
16582	2.47188	0	0	0
16583	2.48629	0	0	0
16584	2.49161	0	0	0
16585	2.49787	0	0	0
16586	2.49478	0	0	0
16587	2.51252	0	0	0
16588	2.50362	0.80645	0.80645	0.83374
16589	2.43346	0	0	0
16590	2.47686	0.80684	0.80684	0.82762
16591	2.56078	1.00745	1.00745	1.14217
16592	2.54458	1.02417	1.02417	1.15768
16593	2.61239	0.94792	0.94792	1.10031
16594	2.58651	0.97733	0.97733	1.12625
16595	2.56327	1.00042	1.00042	1.14379
16596	2.58289	0.93552	0.93552	1.08916
16597	2.49944	0	0	0
16598	2.5384	0.94482	0.94482	1.08226
16599	2.54529	0.91329	0.91329	1.03149
16600	2.55191	0.85927	0.85927	0.94127
16601	2.51632	0	0	0
16602	2.50077	0.80348	0.80348	0.83511
16603	2.43923	0	0	0
16604	2.44926	0	0	0

16605	2.50745	0.80685	0.80685	0.84147
16606	2.44857	0	0	0
16607	2.47967	0.80609	0.80609	0.83185
16608	2.44326	0	0	0
16609	2.66939	0.86558	0.86558	0.97458
16610	2.66095	0.89765	0.89765	1.03231
16611	2.6583	0.93783	0.93783	1.09895
16612	2.65535	0.81141	0.81141	0.87322
16613	2.58746	0	0	0
16614	2.52476	0	0	0
16615	2.6153	0	0	0
16616	2.64984	0.95841	0.95841	1.11086
16617	2.65907	0.93849	0.93849	1.08501
16618	2.68297	0	0	0
16619	2.55708	0.42568	0.42568	0.59748
16620	2.55979	0.89475	0.89475	0.99953
16621	2.47802	0.80701	0.80701	0.83627
16622	2.48501	0	0	0
16623	2.42675	0	0	0
16624	2.50287	0.97264	0.97264	1.0817
16625	2.51355	0.80964	0.80964	0.84235
16626	2.50314	0.96185	0.96185	1.07451
16627	2.47793	0.86179	0.86179	0.92063
16628	2.47028	0.91599	0.91599	1.00226
16629	2.4526	0.8063	0.8063	0.82694
16630	2.43144	0	0	0
16631	2.50206	0	0	0
16632	2.37118	0	0	0
16633	2.60906	0	0	0
16634	2.50297	0	0	0
16635	2.57749	0.81624	0.81624	0.85296
16636	2.57458	0.81619	0.81619	0.85207
16637	2.5394	0	0	0
16638	2.67793	1.18031	1.18031	1.28937
16639	2.6845	1.17933	1.17933	1.29758
16640	2.67197	1.18573	1.18573	1.27774
16641	2.67967	1.18452	1.18452	1.28561
16642	2.63019	0.71361	0.71361	0.70219
16643	2.67739	1.18901	1.18901	1.27599
16644	2.59052	0.56078	0.56078	0.84991
16645	2.68508	1.18823	1.18823	1.26778

16646	2.68647	1.19121	1.19121	1.27757
16647	2.71312	1.19818	1.19818	1.28441
16648	2.57332	0	0	0
16649	2.60882	0.41722	0.41722	0.65964
16650	2.57599	0.81935	0.81935	0.84846
16651	2.53781	0	0	0
16652	2.60895	0.82171	0.82171	0.8557
16653	2.61391	0.88319	0.88319	0.90519
16654	2.57891	0	0	0
16655	2.6012	1.37408	1.37408	0.91691
16656	2.62392	1.3758	1.3758	0.85481
16657	2.64401	1.37513	1.37513	0.86618
16658	2.64817	1.37403	1.37403	0.88417
16659	2.67551	1.38261	1.38261	0.93341
16660	2.69779	1.38992	1.38992	1.03785
16661	2.7517	1.37854	1.37854	1.03442
16662	2.86338	1.37976	1.37976	1.06089
16663	2.79693	1.15636	1.15636	0.92747
16664	2.71667	0	0	0
16665	2.70883	0.96154	0.96154	1.12474
16666	2.56176	0.81496	0.81496	0.85164
16667	2.60503	0.87146	0.87146	0.95504
16668	2.60394	0.92708	0.92708	1.05111
16669	2.50663	0	0	0
16670	2.48274	0	0	0
16671	2.71946	0.97468	0.97468	1.12528
16672	2.71269	0.98543	0.98543	1.12251
16673	2.70067	1.08836	1.08836	1.28568
16674	2.68379	1.15334	1.15334	1.37283
16675	2.41763	0.80766	0.80766	0.81936
16676	2.45284	0.24373	0.24373	0.41449
16677	2.48442	0.95222	0.95222	1.06744
16678	2.48868	0.91968	0.91968	1.0181
16679	2.49085	0.86501	0.86501	0.92698
16680	2.51376	0	0	0
16681	2.50843	0.81238	0.81238	0.83487
16682	2.54506	0.97254	0.97254	1.11146
16683	2.5359	0.99871	0.99871	1.14584
16684	2.52648	1.00887	1.00887	1.15179
16685	2.54475	0.81455	0.81455	0.84047
16686	2.54899	1.02804	1.02804	1.1905

16687	2.54392	1.03797	1.03797	1.20238
16688	2.53992	1.07167	1.07167	1.25263
16689	2.57818	1.07663	1.07663	1.26283
16690	2.57026	1.09688	1.09688	1.2861
16691	2.45276	0	0	0
16692	2.41713	0	0	0
16693	2.4381	0	0	0
16694	2.37389	0	0	0
16695	2.49775	0	0	0
16696	2.45655	0.25386	0.25386	0.42482
16697	2.47324	0.89771	0.89771	0.97233
16698	2.47328	0.93679	0.93679	1.04015
16699	2.46815	0.9636	0.9636	1.07623
16700	2.43712	0.74861	0.74861	0.75142
16701	2.44114	0.35612	0.35612	0.59811
16702	2.4275	0.33666	0.33666	0.56499
16703	2.44558	0.74889	0.74889	0.75194
16704	2.49472	0.95318	0.95318	1.06309
16705	2.4767	0.93749	0.93749	1.03917
16706	2.47827	0.89633	0.89633	0.97414
16707	2.47905	0.8116	0.8116	0.83373
16708	2.4488	0	0	0
16709	2.4345	0.80902	0.80902	0.82491
16710	2.39671	0.2792	0.2792	0.46222
16711	2.40758	0	0	0
16712	2.43003	0	0	0
16713	2.40087	0	0	0
16714	2.73454	1.15857	1.15857	1.37213
16715	2.7073	1.1668	1.1668	1.35027
16716	2.69712	1.16763	1.16763	1.33097
16717	2.68129	1.0515	1.0515	1.18345
16718	2.71645	1.1869	1.1869	1.36399
16719	2.60811	0.87538	0.87538	0.94119
16720	2.59574	0.94914	0.94914	1.05171
16721	2.5363	0.81692	0.81692	0.83982
16722	2.50963	0	0	0
16723	2.52131	0.81734	0.81734	0.83753
16724	2.46628	0	0	0
16725	2.6004	0.62358	0.62358	1.00661
16726	2.62333	1.04032	1.04032	1.19281
16727	2.63085	1.02942	1.02942	1.18233

16728	2.63441	1.01673	1.01673	1.16486
16729	2.59393	1.00756	1.00756	1.1453
16730	2.60159	0.99033	0.99033	1.12988
16731	2.60619	0.91861	0.91861	1.0187
16732	2.54196	0.87235	0.87235	0.93409
16733	2.49013	0.24484	0.24484	0.39881
16734	2.51323	0.81605	0.81605	0.83922
16735	2.47474	0	0	0
16736	2.54571	0.90479	0.90479	0.98576
16737	2.54801	0.87267	0.87267	0.93597
16738	2.48361	0.81484	0.81484	0.83384
16739	2.42301	0	0	0
16740	2.52924	0	0	0
16741	2.54686	0	0	0
16742	2.52063	0	0	0
16743	2.60525	1.05081	1.05081	1.22162
16744	2.61862	1.0376	1.0376	1.20899
16745	2.62684	0.90541	0.90541	1.01292
16746	2.56689	0.87091	0.87091	0.94469
16747	2.5753	0	0	0
16748	2.4925	0	0	0
16749	2.5396	1.00367	1.00367	1.14549
16750	2.49993	0	0	0
16751	2.53396	0	0	0
16752	2.48979	0.99354	0.99354	1.13088
16753	2.49126	0.97598	0.97598	1.10162
16754	2.49209	0.92031	0.92031	1.00617
16755	2.47532	0.8978	0.8978	0.96955
16756	2.45539	0.86474	0.86474	0.91117
16757	2.44319	0.80965	0.80965	0.81836
16758	2.41579	0	0	0
16759	2.42286	0	0	0
16760	2.46434	0.8647	0.8647	0.91558
16761	2.44048	0.8099	0.8099	0.8226
16762	2.41739	0	0	0
16763	2.72631	1.18998	1.18998	1.3423
16764	2.72191	1.21027	1.21027	1.29845
16765	2.73168	1.20749	1.20749	1.28916
16766	2.76649	1.26328	1.26328	1.1261
16767	2.74122	1.26513	1.26513	1.10436
16768	2.65937	1.07799	1.07799	1.326

16769	2.63842	1.07122	1.07122	1.32773
16770	2.64965	1.05427	1.05427	1.33696
16771	2.64952	1.0484	1.0484	1.32875
16772	2.65492	1.04854	1.04854	1.32107
16773	2.69036	1.09328	1.09328	1.31816
16774	2.61167	0.62692	0.62692	0.85838
16775	2.54931	0.90476	0.90476	0.97333
16776	2.49591	0.86879	0.86879	0.91273
16777	2.49218	0.81372	0.81372	0.82815
16778	2.49151	0	0	0
16779	2.40223	0	0	0
16780	2.41457	0.80274	0.80274	0.81555
16781	2.39224	0	0	0
16782	2.45659	0.89096	0.89096	0.96383
16783	2.45121	0.93064	0.93064	1.01999
16784	2.50273	0.9482	0.9482	1.04486
16785	2.50009	0.96549	0.96549	1.07306
16786	2.49615	1.00584	1.00584	1.13466
16787	2.40228	0	0	0
16788	2.39482	0	0	0
16789	2.41084	0.80393	0.80393	0.81281
16790	2.46706	0.80723	0.80723	0.82503
16791	2.43376	0.21687	0.21687	0.34456
16792	2.43801	0	0	0
16793	2.39807	0	0	0
16794	2.49004	0.80626	0.80626	0.82686
16795	2.51094	0.86184	0.86184	0.91991
16796	2.54853	0.89549	0.89549	0.97793
16797	2.57669	0.91985	0.91985	1.01661
16798	2.56923	0.93742	0.93742	1.03916
16799	2.5951	0.88307	0.88307	0.96051
16800	2.59003	0.9889	0.9889	1.12425
16801	2.58133	1.06175	1.06175	1.22673
16802	2.5826	1.06579	1.06579	1.2153
16803	2.58103	1.03373	1.03373	1.17722
16804	2.49405	0.24616	0.24616	0.39533
16805	2.53031	0.80897	0.80897	0.83178
16806	2.56151	1.02725	1.02725	1.17901
16807	2.56413	0.97973	0.97973	1.10552
16808	2.56959	0.95263	0.95263	1.06851
16809	2.5322	0.80942	0.80942	0.83826

16810	2.52624	0.89605	0.89605	0.9745
16811	2.52213	0.93614	0.93614	1.03601
16812	2.47488	0	0	0
16813	2.4659	0	0	0
16814	2.4575	0	0	0
16815	2.51992	0	0	0
16816	2.46199	0.34533	0.34533	0.54448
16817	2.49015	0.93492	0.93492	1.02216
16818	2.49227	0.91742	0.91742	0.99881
16819	2.49498	0.86279	0.86279	0.91112
16820	2.45777	0	0	0
16821	2.43498	0.80523	0.80523	0.81044
16822	2.41513	0	0	0
16823	2.58402	0.81654	0.81654	0.84335
16824	2.59023	0.90114	0.90114	0.89894
16825	2.59441	0.8721	0.8721	0.9255
16826	2.5422	0	0	0
16827	2.47441	0	0	0
16828	2.61895	0.81712	0.81712	0.84773
16829	2.62537	0.8708	0.8708	0.88924
16830	2.57387	0.6429	0.6429	0.87154
16831	2.53666	0	0	0
16832	2.69286	1.09809	1.09809	1.30081
16833	2.69155	1.10612	1.10612	1.30177
16834	2.69064	1.11552	1.11552	1.30801
16835	2.68074	1.11737	1.11737	1.30048
16836	2.66959	1.11617	1.11617	1.2336
16837	2.67096	0.55148	0.55148	0.7478
16838	2.5787	0	0	0
16839	2.46777	0	0	0
16840	2.51124	0.81468	0.81468	0.83258
16841	2.54458	0.8711	0.8711	0.92447
16842	2.55348	0.9033	0.9033	0.96419
16843	2.60525	0.92836	0.92836	0.99881
16844	2.68628	0.8858	0.8858	0.93109
16845	2.66932	0.98348	0.98348	1.08798
16846	2.6645	1.00222	1.00222	1.04148
16847	2.69391	1.13876	1.13876	1.26274
16848	2.68237	1.07712	1.07712	1.16781
16849	2.69529	1.08192	1.08192	1.17894
16850	2.69919	1.17243	1.17243	1.31468

16851	2.73503	1.17321	1.17321	1.3284
16852	2.58241	0	0	0
16853	2.56505	0.86344	0.86344	0.88409
16854	2.57736	0.84063	0.84063	0.8643
16855	2.54817	0.80695	0.80695	0.80256
16856	2.49365	0.74927	0.74927	0.70853
16857	2.4457	0.45236	0.45236	0.64678
16858	2.47231	0.5337	0.5337	0.74766
16859	2.49231	0.75645	0.75645	0.83524
16860	2.51754	0.81027	0.81027	0.88939
16861	2.58017	0.84469	0.84469	0.94208
16862	2.62956	0.86927	0.86927	0.97902
16863	2.62378	0.88679	0.88679	1.00048
16864	2.54658	0.98848	0.98848	1.08528
16865	2.55133	0.96866	0.96866	1.05645
16866	2.54253	0.33728	0.33728	0.51933
16867	2.64679	0.99643	0.99643	1.11928
16868	2.66462	0.97834	0.97834	1.10928
16869	2.68549	1.00971	1.00971	1.13062
16870	2.68145	1.07509	1.07509	1.24144
16871	2.65157	0.81545	0.81545	1.1415
16872	2.60727	0.83476	0.83476	1.16116
16873	2.51612	0.95456	0.95456	1.0355
16874	2.49077	0.93872	0.93872	1.0104
16875	2.49778	0.89854	0.89854	0.94961
16876	2.48983	0.86629	0.86629	0.9064
16877	2.44791	0.80947	0.80947	0.8131
16878	2.41221	0	0	0
16879	2.59892	0.9644	0.9644	1.08147
16880	2.59984	0.84663	0.84663	0.90099
16881	2.52944	0.90045	0.90045	0.96309
16882	2.53338	0.86858	0.86858	0.91404
16883	2.48125	0.81139	0.81139	0.82822
16884	2.44151	0	0	0
16885	2.54082	0	0	0
16886	2.47416	0.16405	0.16405	0.25907
16887	2.55559	0	0	0
16888	2.48462	0	0	0
16889	2.42148	0	0	0
16890	2.7509	1.17616	1.17616	1.33261
16891	2.75298	1.18242	1.18242	1.3348

16892	2.78727	1.18562	1.18562	1.3463
16893	2.79643	1.20112	1.20112	1.36422
16894	2.80835	1.20458	1.20458	1.37112
16895	2.8134	1.20625	1.20625	1.37111
16896	2.66857	0.82188	0.82188	0.86571
16897	2.66215	0.92066	0.92066	1.01181
16898	2.56678	0	0	0
16899	2.56724	0	0	0
16900	2.56617	0.30651	0.30651	0.3426
16901	2.6638	0.43893	0.43893	0.65469
16902	2.66402	0.85251	0.85251	0.93042
16903	2.60033	0	0	0
16904	2.6366	0.96129	0.96129	1.06427
16905	2.63353	0.91963	0.91963	1.00872
16906	2.6281	0.87579	0.87579	0.93725
16907	2.46983	0.10951	0.10951	0.16948
16908	2.59814	0.81944	0.81944	0.84683
16909	2.57186	0	0	0
16910	2.53458	0	0	0
16911	2.5384	0.15433	0.15433	0.19991
16912	2.40668	0	0	0
16913	2.43589	0.86625	0.86625	0.90352
16914	2.43661	0	0	0
16915	2.4587	0.89956	0.89956	0.95047
16916	2.46989	0.92258	0.92258	0.97727
16917	2.52427	0.94161	0.94161	1.0157
16918	2.55425	0.994	0.994	1.10849
16919	2.58199	0.97103	0.97103	1.07003
16920	2.58475	0	0	0
16921	2.66628	1.05162	1.05162	1.20757
16922	2.54592	0.98486	0.98486	1.09796
16923	2.50914	0.97312	0.97312	1.07648
16924	2.50898	0.94846	0.94846	1.03892
16925	2.47602	0.93077	0.93077	1.01155
16926	2.4593	0.84279	0.84279	0.86997
16927	2.39269	0.0862	0.0862	0.13159
16928	2.41858	0	0	0
16929	2.4009	0.80959	0.80959	0.80662
16930	2.40022	0	0	0
16931	2.47237	0	0	0
16932	2.86522	1.20991	1.20991	1.38274

16933	2.92054	1.21348	1.21348	1.38729
16934	2.93738	1.21404	1.21404	1.3288
16935	2.87669	1.19038	1.19038	1.30909
16936	2.9614	1.26018	1.26018	1.40406
16937	2.94519	1.23587	1.23587	1.38077
16938	2.91117	1.25624	1.25624	1.34745
16939	2.90865	1.25536	1.25536	1.32511
16940	2.80459	0.83294	0.83294	1.23373
16941	2.85708	1.18678	1.18678	1.36845
16942	2.79637	1.18019	1.18019	1.36254
16943	2.80005	1.18173	1.18173	1.35683
16944	2.79928	1.1834	1.1834	1.3584
16945	2.76726	1.0974	1.0974	1.26694
16946	2.77261	1.16281	1.16281	1.35168
16947	2.7717	1.17366	1.17366	1.36508
16948	2.76522	1.17843	1.17843	1.36302
16949	2.70854	1.06475	1.06475	1.23302
16950	2.76003	1.08635	1.08635	1.28574
16951	2.74889	1.09388	1.09388	1.27618
16952	2.7756	0.87968	0.87968	0.96906
16953	2.76319	0.95293	0.95293	1.08762
16954	2.75706	1.00853	1.00853	1.17859
16955	2.73502	1.03532	1.03532	1.21159
16956	2.7242	1.05063	1.05063	1.22625
16957	2.70272	1.05898	1.05898	1.22627
16958	2.51067	0	0	0
16959	2.62353	0.90825	0.90825	1.00034
16960	2.70743	0.82271	0.82271	0.86124
16961	2.64025	0	0	0
16962	2.56399	0	0	0
16963	2.56168	0.87347	0.87347	0.9393
16964	2.50832	0	0	0
16965	2.60901	0.8757	0.8757	0.94206
16966	2.52807	0.81743	0.81743	0.83494
16967	2.46453	0	0	0
16968	2.66232	0.82246	0.82246	0.85646
16969	2.61722	0	0	0
16970	2.73436	0.82307	0.82307	0.87476
16971	2.65095	0	0	0
16972	2.60106	0	0	0
16973	2.60438	0	0	0

16974	2.59343	0.9307	0.9307	1.01989
16975	2.58504	0.20418	0.20418	0.25173
16976	2.53886	0.8734	0.8734	0.91685
16977	2.51027	0.81685	0.81685	0.82334
16978	2.46456	0	0	0
16979	2.63409	0.82099	0.82099	0.85909
16980	2.54826	0	0	0
16981	2.68526	0	0	0
16982	2.68203	0.89268	0.89268	0.98387
16983	2.68116	0.95525	0.95525	1.08541
16984	2.67713	0.99122	0.99122	1.13474
16985	2.64137	0.75972	0.75972	0.76503
16986	2.63322	0.84742	0.84742	0.90703
16987	2.54454	0	0	0
16988	2.5322	0	0	0
16989	2.59665	0.7585	0.7585	0.76506
16990	2.6229	0.81477	0.81477	0.85426
16991	2.54312	0.10986	0.10986	0.17275
16992	2.60624	0.82041	0.82041	0.84896
16993	2.57727	0	0	0
16994	2.45353	0	0	0
16995	2.52048	0.81718	0.81718	0.836
16996	2.60667	0.87551	0.87551	0.92779
16997	2.67843	0.91063	0.91063	0.989
16998	2.68837	0	0	0
16999	2.66017	0	0	0
17000	2.68949	1.10893	1.10893	1.27029
17001	2.66595	1.10567	1.10567	1.2802
17002	2.65717	0.95594	0.95594	1.06549
17003	2.65435	1.08685	1.08685	1.25361
17004	2.65507	1.08425	1.08425	1.25662
17005	2.60352	1.07926	1.07926	1.24724
17006	2.56948	1.01172	1.01172	1.12718
17007	2.53016	1.02207	1.02207	1.12735
17008	2.54288	1.01664	1.01664	1.13517
17009	2.52434	1.00865	1.00865	1.14179
17010	2.5245	0.81583	0.81583	0.83043
17011	2.42816	0.22779	0.22779	0.37264
17012	2.49176	0	0	0
17013	2.49037	0.98264	0.98264	1.09363
17014	2.49068	0.96753	0.96753	1.06838

17015	2.49335	0.90045	0.90045	0.96182
17016	2.47962	0.86761	0.86761	0.91182
17017	2.44915	0.81118	0.81118	0.81695
17018	2.41196	0	0	0
17019	2.46752	0.86737	0.86737	0.91142
17020	2.44624	0.81157	0.81157	0.81645
17021	2.42829	0	0	0
17022	2.33938	0	0	0
17023	2.34824	0.80434	0.80434	0.78079
17024	2.37242	0.86031	0.86031	0.87111
17025	2.38986	0.89348	0.89348	0.92142
17026	2.39207	0.91663	0.91663	0.94726
17027	2.39633	0.86361	0.86361	0.88035
17028	2.40227	0.93517	0.93517	0.97613
17029	2.38575	0.80825	0.80825	0.79144
17030	2.38577	0	0	0
17031	2.45011	0.98542	0.98542	1.07242
17032	2.47613	0.99569	0.99569	1.08995
17033	2.5125	0.45747	0.45747	0.737
17034	2.55118	0.45091	0.45091	0.72666
17035	2.57882	0.92798	0.92798	1.02426
17036	2.42407	0	0	0
17037	2.46976	0.81484	0.81484	0.8243
17038	2.47093	0.81474	0.81474	0.82084
17039	2.41925	0	0	0
17040	2.85127	1.22872	1.22872	1.24356
17041	2.83639	1.23024	1.23024	1.25298
17042	2.85542	1.25316	1.25316	1.3414
17043	2.78995	0.98546	0.98546	1.11162
17044	2.81804	1.22745	1.22745	1.23173
17045	2.62735	0.65196	0.65196	0.50059
17046	2.80522	1.22716	1.22716	1.22907
17047	2.78945	1.2188	1.2188	1.11854
17048	2.79679	1.22611	1.22611	1.23521
17049	2.70582	0.23937	0.23937	0.34504
17050	2.68632	0.94336	0.94336	1.01151
17051	2.60201	0.93005	0.93005	0.96772
17052	2.59978	0.91814	0.91814	0.95588
17053	2.79643	1.19325	1.19325	1.29989
17054	2.80015	1.18446	1.18446	1.29143
17055	2.79211	1.17836	1.17836	1.27637

17056	2.77412	1.15957	1.15957	1.24274
17057	2.64373	0.82322	0.82322	0.86089
17058	2.64222	0.95126	0.95126	1.0514
17059	2.54909	0	0	0
17060	2.52967	0.87322	0.87322	0.91917
17061	2.51289	0.81781	0.81781	0.83588
17062	2.50248	0	0	0
17063	2.65358	1.04737	1.04737	1.16675
17064	2.62022	0.87805	0.87805	0.93561
17065	2.61564	1.04038	1.04038	1.15027
17066	2.57727	0.82118	0.82118	0.84517
17067	2.67931	0.9999	0.9999	1.13639
17068	2.67621	0.90878	0.90878	0.9769
17069	2.64031	0.93577	0.93577	1.05436
17070	2.64223	0.91398	0.91398	1.03791
17071	2.64194	0.87896	0.87896	0.93869
17072	2.60335	0.82213	0.82213	0.85436
17073	2.56666	0	0	0
17074	2.57364	0.82115	0.82115	0.85096
17075	2.58265	0.46013	0.46013	0.62495
17076	2.53646	0	0	0
17077	2.59008	0.63193	0.63193	0.90014
17078	2.57221	0.76298	0.76298	0.87968
17079	2.57694	0.81575	0.81575	0.88331
17080	2.64546	0.8505	0.8505	0.93847
17081	2.64661	0.93234	0.93234	1.02738
17082	2.54517	0.82135	0.82135	0.8429
17083	2.51406	0	0	0
17084	2.69087	0.95265	0.95265	1.05566
17085	2.68456	0.99121	0.99121	1.10214
17086	2.78297	0.83429	0.83429	1.09898
17087	2.83419	0.99024	0.99024	1.19392
17088	2.80659	0.98274	0.98274	1.18916
17089	2.73401	0.97844	0.97844	1.15511
17090	2.76904	1.03636	1.03636	1.17258
17091	2.74127	1.05222	1.05222	1.12934
17092	2.7415	1.03042	1.03042	1.18366
17093	2.71831	1.02569	1.02569	1.15441
17094	2.71857	0.88359	0.88359	0.94124
17095	2.64979	0.82555	0.82555	0.84713
17096	2.6238	0	0	0

17097	2.53609	0.82114	0.82114	0.84064
17098	2.50166	0	0	0
17099	2.86109	1.3765	1.3765	1.02618
17100	2.87338	1.39309	1.39309	1.32316
17101	2.87522	1.39644	1.39644	1.32332
17102	2.88166	1.39718	1.39718	1.32398
17103	2.85081	1.16255	1.16255	1.18196
17104	2.81394	1.3939	1.3939	1.25688
17105	2.82582	1.40111	1.40111	1.29307
17106	2.85608	1.40704	1.40704	1.30806
17107	2.68606	0.88614	0.88614	0.94612
17108	2.58321	0	0	0
17109	2.58449	0	0	0
17110	2.71656	1.04213	1.04213	1.18094
17111	2.72256	0.9947	0.9947	1.11927
17112	2.62382	0.91731	0.91731	0.97338
17113	2.62103	0.94024	0.94024	1.00458
17114	2.54568	0.87882	0.87882	0.91355
17115	2.50918	0	0	0
17116	2.55917	0.82178	0.82178	0.84613
17117	2.58031	0.87779	0.87779	0.92718
17118	2.60682	0.91134	0.91134	0.97135
17119	2.66485	0.93869	0.93869	1.01266
17120	2.59354	0.9727	0.9727	1.09557
17121	2.558	0.9616	0.9616	1.07647
17122	2.52069	0.94709	0.94709	1.05521
17123	2.4926	0.93328	0.93328	1.03728
17124	2.47176	0.91805	0.91805	1.02521
17125	2.47119	0.88007	0.88007	0.9745
17126	2.4291	0.24741	0.24741	0.35509
17127	2.46265	0.89182	0.89182	0.95323
17128	2.40219	0	0	0
17129	2.44671	0.73912	0.73912	0.74007
17130	2.4491	0.90605	0.90605	0.95331
17131	2.50768	0.92274	0.92274	1.02509
17132	2.57325	0.94177	0.94177	1.05072
17133	2.39375	0	0	0
17134	2.42204	0.81426	0.81426	0.81941
17135	2.48426	0	0	0
17136	2.52293	0.90702	0.90702	0.98389
17137	2.57505	0.9324	0.9324	1.02914

17138	2.57415	0.97698	0.97698	1.10213
17139	2.57119	0.98772	0.98772	1.11693
17140	2.47099	0	0	0
17141	2.52479	0.82011	0.82011	0.84349
17142	2.49585	0	0	0
17143	2.50768	0.8194	0.8194	0.83806
17144	2.58995	0.89098	0.89098	0.98098
17145	2.5922	1.01991	1.01991	1.18117
17146	2.59257	1.03792	1.03792	1.2069
17147	2.52381	0.33423	0.33423	0.5484
17148	2.49019	0.84536	0.84536	0.89414
17149	2.46877	0.81153	0.81153	0.83195
17150	2.4192	0.75352	0.75352	0.7382
17151	2.4099	0.31903	0.31903	0.50554
17152	2.40101	0.39448	0.39448	0.50516
17153	2.41949	0.755	0.755	0.7431
17154	2.44988	0.81152	0.81152	0.83022
17155	2.47946	0.84539	0.84539	0.89176
17156	2.50708	0.86983	0.86983	0.93494
17157	2.5177	0.89085	0.89085	0.9584
17158	2.55751	0.9078	0.9078	0.99072
17159	2.65398	1.04938	1.04938	1.21759
17160	2.67926	1.05556	1.05556	1.22272
17161	2.67151	1.07718	1.07718	1.23416
17162	2.65741	1.09093	1.09093	1.2348
17163	2.74439	1.09852	1.09852	1.23795
17164	2.87333	1.40674	1.40674	1.32111
17165	2.89867	1.40662	1.40662	1.31641
17166	2.89949	1.40686	1.40686	1.31482
17167	2.78811	0.85724	0.85724	0.98082
17168	2.88037	1.40689	1.40689	1.29787
17169	2.87504	1.40644	1.40644	1.30903
17170	2.9049	1.40586	1.40586	1.32438
17171	2.91886	1.40397	1.40397	1.33744
17172	2.90579	1.40454	1.40454	1.33911
17173	2.88746	1.4055	1.4055	1.28452
17174	2.8506	1.40527	1.40527	1.24803
17175	2.74045	0.88894	0.88894	0.95959
17176	2.71584	0.88134	0.88134	0.8822
17177	2.64348	0.82964	0.82964	0.8543
17178	2.59448	0	0	0

17179	2.70939	0	0	0
17180	2.54253	0.33257	0.33257	0.50856
17181	2.68263	0.97556	0.97556	1.08556
17182	2.68799	0	0	0
17183	2.47333	0.81915	0.81915	0.82521
17184	2.41177	0	0	0
17185	2.54401	0.88093	0.88093	0.92385
17186	2.54325	0.93642	0.93642	1.0096
17187	2.51795	0.82448	0.82448	0.83486
17188	2.4502	0	0	0
17189	2.48549	0	0	0
17190	2.73017	0.99798	0.99798	1.13074
17191	2.59503	0.91365	0.91365	0.98126
17192	2.61502	0.9146	0.9146	0.98631
17193	2.53264	0.87857	0.87857	0.92183
17194	2.46906	0.81974	0.81974	0.82378
17195	2.4525	0	0	0
17196	2.57386	0.88042	0.88042	0.92873
17197	2.53567	0.82343	0.82343	0.83574
17198	2.50308	0	0	0
17199	2.73108	1.03316	1.03316	1.16442
17200	2.72171	0.88583	0.88583	0.95112
17201	2.80943	1.20384	1.20384	1.33424
17202	2.79909	1.20855	1.20855	1.33056
17203	2.33423	0	0	0
17204	2.34121	1.02197	1.02197	1.16481
17205	2.34177	0.80118	0.80118	0.79687
17206	2.28826	0	0	0
17207	2.28975	0.79592	0.79592	0.77236
17208	2.26779	0.2757	0.2757	0.48542
17209	2.30435	0.86803	0.86803	0.89299
17210	2.30366	0.99684	0.99684	1.12037
17211	2.31119	1.00347	1.00347	1.12657
17212	2.27544	0.91103	0.91103	0.96905
17213	2.27552	0.95079	0.95079	1.03794
17214	2.27479	0.9604	0.9604	1.04889
17215	2.26159	0.79332	0.79332	0.75911
17216	2.26398	0	0	0
17217	2.25587	0.87762	0.87762	0.91072
17218	2.24911	0.19843	0.19843	0.34871
17219	2.24265	0.84474	0.84474	0.85017

17220	2.23725	0.79043	0.79043	0.75268
17221	2.23037	0	0	0
17222	2.31737	0.79977	0.79977	0.78887
17223	2.29774	0	0	0
17224	2.3464	1.02703	1.02703	1.16778
17225	2.34533	1.03908	1.03908	1.17916
17226	2.28423	0	0	0
17227	2.29216	0.79764	0.79764	0.77528
17228	2.31294	0.85336	0.85336	0.88019
17229	2.26967	0.84924	0.84924	0.86233
17230	2.25845	0.79434	0.79434	0.76236
17231	2.25521	0	0	0
17232	2.3197	0.93998	0.93998	1.02853
17233	2.34266	0.95393	0.95393	1.05589
17234	2.35339	0.96523	0.96523	1.07294
17235	2.38836	0.97738	0.97738	1.09587
17236	2.38579	1.07684	1.07684	1.24496
17237	2.42308	1.08379	1.08379	1.26031
17238	2.42543	1.08653	1.08653	1.24271
17239	2.43026	1.08995	1.08995	1.20767
17240	2.45096	1.09451	1.09451	1.20232
17241	2.46135	1.09792	1.09792	1.19719
17242	2.51049	1.10432	1.10432	1.21076
17243	2.58245	1.11132	1.11132	1.23245
17244	2.62281	1.11541	1.11541	1.24318
17245	2.67904	1.11979	1.11979	1.25256
17246	2.68653	1.13092	1.13092	1.2721
17247	2.59268	0	0	0
17248	2.63479	0.82519	0.82519	0.85393
17249	2.63337	0.93631	0.93631	1.04283
17250	2.6593	0.95488	0.95488	1.07373
17251	2.66601	0.98197	0.98197	1.11938
17252	2.52594	0.8211	0.8211	0.83372
17253	2.44303	0	0	0
17254	2.56411	0	0	0
17255	2.72578	0.99457	0.99457	1.14654
17256	2.74465	1.11636	1.11636	1.26935
17257	2.76892	1.11899	1.11899	1.26998
17258	2.79683	1.18472	1.18472	1.32607
17259	2.80397	1.20315	1.20315	1.35319
17260	2.56481	0.87583	0.87583	0.93446

17261	2.56693	0.93122	0.93122	1.02603
17262	2.51714	0	0	0
17263	2.5274	0.81949	0.81949	0.83899
17264	2.43761	0	0	0
17265	2.64396	1.08714	1.08714	1.1994
17266	2.63722	1.04801	1.04801	1.21175
17267	2.63364	1.06502	1.06502	1.21416
17268	2.63007	1.08344	1.08344	1.20012
17269	2.60501	1.04237	1.04237	1.1919
17270	2.55761	1.03621	1.03621	1.17084
17271	2.54961	1.02968	1.02968	1.1687
17272	2.54128	1.01161	1.01161	1.16323
17273	2.54685	1.00422	1.00422	1.16488
17274	2.52768	0.87462	0.87462	0.93836
17275	2.46919	0.81626	0.81626	0.82829
17276	2.45399	0	0	0
17277	2.53681	0.91932	0.91932	1.09147
17278	2.53915	0.85345	0.85345	1.05266
17279	2.53952	0.61178	0.61178	1.02148
17280	2.46452	0	0	0
17281	2.45626	0	0	0
17282	2.52104	0.61257	0.61257	0.99254
17283	2.48701	0.41599	0.41599	0.66291
17284	2.53915	0.87421	0.87421	1.03564
17285	2.53424	0.77074	0.77074	1.00157
17286	2.46371	0	0	0
17287	2.52747	0	0	0
17288	2.53344	0.87274	0.87274	0.89095
17289	2.57108	0.90769	0.90769	1.04586
17290	2.57281	0.97511	0.97511	1.11014
17291	2.57551	1.05388	1.05388	1.19148
17292	2.5584	0.81935	0.81935	0.84196
17293	2.54025	0	0	0
17294	2.65961	1.07019	1.07019	1.22598
17295	2.50589	0.99944	0.99944	1.10625
17296	2.50325	0.87208	0.87208	0.92086
17297	2.47456	0.8159	0.8159	0.83063
17298	2.40445	0	0	0
17299	2.43003	0.95431	0.95431	1.02733
17300	2.40038	0.93881	0.93881	1.0102
17301	2.37646	0.91944	0.91944	0.97752

17302	2.34806	0.89455	0.89455	0.93811
17303	2.30868	0	0	0
17304	2.31645	0.80517	0.80517	0.79021
17305	2.30692	0	0	0
17306	2.65399	0.9367	0.9367	1.03715
17307	2.52779	0	0	0
17308	2.57717	0.8772	0.8772	0.93238
17309	2.53736	0.82022	0.82022	0.83864
17310	2.5209	0	0	0
17311	2.48716	0	0	0
17312	2.49899	0.92191	0.92191	1.01865
17313	2.50499	0.81282	0.81282	0.82672
17314	2.51451	0.94128	0.94128	1.02785
17315	2.51971	0.95569	0.95569	1.04466
17316	2.51813	0.97831	0.97831	1.08533
17317	2.4596	0	0	0
17318	2.56729	0.99646	0.99646	1.18168
17319	2.56951	0.9614	0.9614	1.20069
17320	2.57986	0.9483	0.9483	1.20749
17321	2.57289	0.85216	0.85216	1.21708
17322	2.5829	0.84087	0.84087	1.21774
17323	2.59019	0.8606	0.8606	1.21738
17324	2.42002	0.80899	0.80899	0.81503
17325	2.3851	0	0	0
17326	2.4883	0	0	0
17327	2.48701	0.90414	0.90414	0.9866
17328	2.4308	0.8134	0.8134	0.82426
17329	2.40092	0	0	0
17330	2.4954	0	0	0
17331	2.48993	0.87129	0.87129	0.92973
17332	2.40614	0	0	0
17333	2.46503	0.81989	0.81989	0.82484
17334	2.43345	0	0	0
17335	2.42358	0	0	0
17336	2.41427	0.88074	0.88074	0.93231
17337	2.4143	0.94318	0.94318	1.04518
17338	2.44216	0.95786	0.95786	1.07173
17339	2.44071	0.99546	0.99546	1.11754
17340	2.43962	1.00908	1.00908	1.13887
17341	2.46354	1.01712	1.01712	1.15043
17342	2.48815	1.0243	1.0243	1.15277

17343	2.49496	1.03151	1.03151	1.13409
17344	2.49179	1.03854	1.03854	1.1363
17345	2.37401	0	0	0
17346	2.37058	0.80772	0.80772	0.79605
17347	2.33804	0.13954	0.13954	0.24667
17348	2.39518	0	0	0
17349	2.39113	0.86304	0.86304	0.89736
17350	2.36768	0.80746	0.80746	0.79417
17351	2.33802	0	0	0
17352	2.39629	0	0	0
17353	2.5149	0.87222	0.87222	0.89505
17354	2.51373	1.05684	1.05684	1.152
17355	2.48756	0.81559	0.81559	0.81695
17356	2.4269	0.33241	0.33241	0.5473
17357	2.48288	0	0	0
17358	2.58259	1.06697	1.06697	1.15333
17359	2.61948	1.07229	1.07229	1.16054
17360	2.66905	1.07788	1.07788	1.17413
17361	2.74313	1.08436	1.08436	1.19105
17362	2.76692	1.21794	1.21794	1.11252
17363	2.75155	1.21232	1.21232	1.14058
17364	2.69163	1.21282	1.21282	1.12179
17365	2.55767	0.90129	0.90129	0.9269
17366	2.5278	0.88443	0.88443	0.89437
17367	2.61308	0.87892	0.87892	0.93604
17368	2.53797	0.82078	0.82078	0.83904
17369	2.47244	0	0	0
17370	2.74438	1.15871	1.15871	1.24559
17371	2.65741	1.14482	1.14482	1.23869
17372	2.61508	1.08813	1.08813	1.2728
17373	2.57167	1.01387	1.01387	1.10698
17374	2.55621	0.82022	0.82022	0.83647
17375	2.55774	1.00587	1.00587	1.10753
17376	2.55002	0	0	0
17377	2.53173	0.97763	0.97763	1.0573
17378	2.53279	0.9588	0.9588	1.03936
17379	2.50967	0.92759	0.92759	0.99022
17380	2.51773	0.90412	0.90412	0.97201
17381	2.61262	0.97875	0.97875	1.0896
17382	2.53023	0.96242	0.96242	1.05798
17383	2.47974	0.81731	0.81731	0.82117

17384	2.47608	0.92759	0.92759	0.98982
17385	2.47815	0.94598	0.94598	1.02737
17386	2.40571	0	0	0
17387	2.44132	0	0	0
17388	2.44225	0	0	0
17389	2.51188	0	0	0
17390	2.46516	0.40467	0.40467	0.5082
17391	2.46589	0	0	0
17392	2.47107	0.86955	0.86955	0.92083
17393	2.43895	0.81204	0.81204	0.82481
17394	2.42179	0	0	0
17395	2.9637	0.75311	0.75311	0.74753
17396	2.9592	1.44259	1.44259	1.3169
17397	2.97338	1.44239	1.44239	1.31225
17398	2.98477	1.44237	1.44237	1.31705
17399	3.01457	1.44038	1.44038	1.32089
17400	2.98871	1.44013	1.44013	1.30537
17401	2.97207	0.77689	0.77689	0.77031
17402	3.02097	1.40017	1.40017	1.21952
17403	3.04615	1.40021	1.40021	1.23416
17404	3.03967	1.40174	1.40174	1.27578
17405	3.03977	1.40183	1.40183	1.28087
17406	3.01702	1.40257	1.40257	1.27898
17407	2.97233	1.41533	1.41533	1.28151
17408	3.01347	1.43988	1.43988	1.3102
17409	2.72977	1.1001	1.1001	1.12659
17410	2.84791	1.10555	1.10555	1.16596
17411	2.93995	1.1493	1.1493	1.22282
17412	3.00532	1.15153	1.15153	1.22084
17413	2.92814	0.69481	0.69481	0.67967
17414	2.95424	1.31616	1.31616	1.12205
17415	2.89879	1.17415	1.17415	1.21748
17416	2.89463	1.18575	1.18575	1.26427
17417	2.89893	1.18311	1.18311	1.26497
17418	2.88696	1.18323	1.18323	1.26494
17419	2.82008	1.1833	1.1833	1.25213
17420	2.7904	1.18755	1.18755	1.24394
17421	2.76878	1.19541	1.19541	1.27449
17422	2.72174	1.15225	1.15225	1.26249
17423	2.9293	0.94616	0.94616	1.08162
17424	2.94375	1.31196	1.31196	1.2254

17425	2.94049	1.31208	1.31208	1.21989
17426	2.96242	1.35705	1.35705	1.32207
17427	2.92638	1.35417	1.35417	1.28294
17428	2.92233	1.31597	1.31597	1.10877
17429	2.99424	1.31856	1.31856	1.37305
17430	3.01717	1.32375	1.32375	1.37298
17431	3.04651	1.32487	1.32487	1.36442
17432	3.03594	1.32723	1.32723	1.34572
17433	3.01817	1.32808	1.32808	1.33179
17434	3.02989	1.33046	1.33046	1.33804
17435	3.02021	1.33082	1.33082	1.33496
17436	3.01799	1.32994	1.32994	1.32045
17437	3.0223	1.331	1.331	1.33208
17438	3.02491	1.33178	1.33178	1.33618
17439	3.02249	1.35293	1.35293	1.36308
17440	3.0241	1.3355	1.3355	1.27041
17441	3.01772	1.31143	1.31143	1.22495
17442	2.37657	0	0	0
17443	2.36599	0	0	0
17444	2.42166	0	0	0
17445	2.41802	0	0	0
17446	2.53445	0.94032	0.94032	1.05864
17447	2.55094	1.13059	1.13059	1.07599
17448	2.59479	1.16869	1.16869	1.14545
17449	2.64775	1.16688	1.16688	1.11278
17450	2.71943	1.17683	1.17683	1.11123
17451	2.84722	0.77207	0.77207	0.68788
17452	2.74739	1.11449	1.11449	0.87684
17453	2.47387	1.11799	1.11799	0.77272
17454	2.6174	0.88476	0.88476	0.79941
17455	2.69849	1.15146	1.15146	1.11149
17456	2.74379	1.19786	1.19786	1.10011
17457	2.84937	0.42672	0.42672	0.69121
17458	2.29691	0	0	0
17459	2.21622	0	0	0
17460	2.324	0	0	0
17461	2.35748	0	0	0
17462	2.43044	0	0	0
17463	2.43958	0	0	0
17464	2.43528	0	0	0
17465	2.54768	0	0	0

17466	2.57751	0	0	0
17467	2.62015	1.12845	1.12845	1.18018
17468	2.36857	0	0	0
17469	2.57653	0.92596	0.92596	0.96967
17470	2.57346	0.893	0.893	0.91978
17471	2.68434	0.89692	0.89692	0.99995
17472	2.68294	0.94374	0.94374	1.08761
17473	2.67722	0.97829	0.97829	1.14573
17474	2.50468	0.82087	0.82087	0.82865
17475	2.52533	0.89083	0.89083	0.94705
17476	2.53506	0.81018	0.81018	0.83168
17477	2.60899	0.92428	0.92428	0.96763
17478	2.58183	0.95341	0.95341	1.11993
17479	2.39842	0.80588	0.80588	0.80712
17480	2.46124	0.84411	0.84411	1.05746
17481	2.9624	1.23314	1.23314	1.36189
17482	2.95994	1.22749	1.22749	1.35493
17483	2.96036	1.22563	1.22563	1.35629
17484	2.95804	1.22411	1.22411	1.35784
17485	2.95383	1.22143	1.22143	1.36369
17486	2.69439	1.10699	1.10699	1.28147
17487	2.46335	0	0	0
17488	2.69101	0	0	0
17489	2.475	0.81055	0.81055	0.8287
17490	2.73705	1.08728	1.08728	1.24144
17491	2.73713	1.09088	1.09088	1.2451
17492	2.73618	1.11475	1.11475	1.28318
17493	2.73567	1.12256	1.12256	1.29521
17494	2.5812	0.39114	0.39114	0.57383
17495	2.66024	0.93823	0.93823	1.03878
17496	2.64762	0.81654	0.81654	1.03283
17497	2.64869	0.83932	0.83932	0.99532
17498	2.65949	0.89507	0.89507	1.00916
17499	2.61764	0.73453	0.73453	0.9484
17500	2.55952	0.91132	0.91132	1.08405
17501	2.55981	0.91001	0.91001	1.10944
17502	2.79748	0.89532	0.89532	0.95098
17503	2.66095	1.01131	1.01131	1.18293
17504	2.7108	0.67109	0.67109	1.2063
17505	2.54301	1.0126	1.0126	1.08725
17506	2.48399	0.94821	0.94821	1.02862

17507	2.48144	0.96016	0.96016	1.04033
17508	2.44357	0	0	0
17509	2.54499	0.99956	0.99956	1.09161
17510	2.41714	0.75343	0.75343	0.77814
17511	2.27615	0.91588	0.91588	0.9677
17512	2.51708	0.81953	0.81953	0.84577
17513	2.56078	0.174	0.174	0.29546
17514	2.63386	0.88047	0.88047	0.93589
17515	2.67312	1.16251	1.16251	1.29621
17516	2.68143	1.15861	1.15861	1.2941
17517	2.68177	1.16026	1.16026	1.29694
17518	2.68176	1.15765	1.15765	1.29554
17519	2.46591	0	0	0
17520	2.52559	0.91529	0.91529	0.94793
17521	2.47372	0.9106	0.9106	1.1571
17522	2.51288	0.12762	0.12762	0.18846
17523	2.49707	0	0	0
17524	2.35101	0.81347	0.81347	0.79703
17525	2.6454	0.92856	0.92856	0.95529
17526	2.64043	0.88431	0.88431	1.04722
17527	2.64117	0.85532	0.85532	1.04125
17528	2.64144	0.84527	0.84527	1.04293
17529	2.51315	0	0	0
17530	2.40871	0.82033	0.82033	0.82654
17531	2.51171	0.32897	0.32897	0.49226
17532	2.51322	1.09151	1.09151	1.16868
17533	2.52797	1.08841	1.08841	1.18868
17534	2.53685	1.08808	1.08808	1.22029
17535	2.53349	0.99005	0.99005	1.10279
17536	2.63526	0.80487	0.80487	0.80203
17537	2.57626	0.91977	0.91977	0.97851
17538	2.49669	0.84047	0.84047	0.87559
17539	2.67429	0	0	0
17540	2.71276	0.94507	0.94507	1.22343
17541	2.75057	1.21823	1.21823	1.27701
17542	2.72853	1.21743	1.21743	1.27917
17543	2.69812	1.01688	1.01688	1.0434
17544	2.59258	0	0	0
17545	2.52764	1.0344	1.0344	1.14708
17546	2.44642	0.91393	0.91393	0.97783
17547	2.43834	0.87707	0.87707	0.88013

17548	2.4344	0.81167	0.81167	0.82744
17549	2.60475	0.69273	0.69273	1.08495
17550	2.77478	1.04688	1.04688	1.23907
17551	2.59506	0.83494	0.83494	0.83296
17552	2.56922	0.87937	0.87937	1.20392
17553	2.39234	1.0177	1.0177	1.09517
17554	2.46884	0.80733	0.80733	0.83194
17555	2.96059	1.24385	1.24385	1.45547
17556	2.92492	1.22487	1.22487	1.35884
17557	2.55412	0	0	0
17558	2.78454	1.0766	1.0766	1.29145
17559	2.78529	1.06487	1.06487	1.27296
17560	2.79097	1.06012	1.06012	1.27306
17561	2.78199	1.04949	1.04949	1.25339
17562	2.32124	0.78705	0.78705	0.83842
17563	2.69639	1.05332	1.05332	1.23895
17564	2.50027	0.76803	0.76803	1.10426
17565	2.62942	1.01027	1.01027	1.26018
17566	2.59631	0.81087	0.81087	0.85291
17567	2.48183	0.08683	0.08683	0.14326
17568	2.47686	0.62125	0.62125	0.85381
17569	2.51545	0.91867	0.91867	1.03011
17570	2.57688	0.81614	0.81614	0.82748
17571	2.36774	0	0	0
17572	2.36518	0.89426	0.89426	0.93199
17573	2.51634	0.99998	0.99998	1.07906
17574	2.51252	1.02204	1.02204	1.11909
17575	2.37352	0	0	0
17576	2.71062	1.00998	1.00998	1.09036
17577	2.61208	0.37471	0.37471	0.58639
17578	2.28157	0	0	0
17579	2.60396	0.82371	0.82371	0.85533
17580	2.82065	1.06012	1.06012	1.14088
17581	2.58396	0	0	0
17582	2.635	0.82138	0.82138	0.89041
17583	2.63619	0.88208	0.88208	0.9109
17584	2.64118	0.91759	0.91759	0.94586
17585	2.44323	0.7552	0.7552	0.78426
17586	2.41123	0.49196	0.49196	0.83691
17587	2.82689	0.89423	0.89423	0.96224
17588	2.81217	0.99617	0.99617	1.19074

17589	2.80038	1.16558	1.16558	1.30142
17590	2.79083	1.13698	1.13698	1.26671
17591	2.3785	0	0	0
17592	2.37884	0.79844	0.79844	0.80134
17593	2.7192	1.14668	1.14668	1.26657
17594	2.71058	1.14174	1.14174	1.25266
17595	2.6558	0.94533	0.94533	1.01646
17596	2.66709	1.01334	1.01334	1.17326
17597	2.63491	0.77194	0.77194	1.00281
17598	2.65106	0.79464	0.79464	1.02247
17599	2.66433	1.13865	1.13865	1.2028
17600	2.68221	0.77287	0.77287	0.77225
17601	2.437	1.1202	1.1202	1.17412
17602	2.55039	0.82975	0.82975	0.83303
17603	2.38912	0.80676	0.80676	0.8043
17604	2.66742	1.42371	1.42371	0.99819
17605	2.65709	1.42425	1.42425	1.2126
17606	2.65472	1.43675	1.43675	1.27434
17607	2.69464	1.43961	1.43961	1.27402
17608	2.76742	1.44359	1.44359	0.8969
17609	2.65996	0.86398	0.86398	0.91314
17610	2.66802	0.85179	0.85179	0.93964
17611	2.77479	0.92123	0.92123	0.98938
17612	2.77416	1.0039	1.0039	1.07778
17613	2.6647	0.87267	0.87267	0.93561
17614	2.37544	0.85713	0.85713	0.86453
17615	2.37899	0	0	0
17616	2.39865	0.85747	0.85747	0.87306
17617	2.26281	0.73845	0.73845	0.6941
17618	2.45978	0.80621	0.80621	0.82925
17619	2.46048	0.33792	0.33792	0.49405
17620	2.51907	0.79747	0.79747	0.89733
17621	2.41084	1.07637	1.07637	1.14114
17622	2.51419	0.98482	0.98482	1.06555
17623	2.51353	0.95131	0.95131	1.03856
17624	2.41765	0	0	0
17625	2.41457	0.90498	0.90498	1.02378
17626	2.3496	0.42431	0.42431	0.6827
17627	2.67618	0	0	0
17628	2.61695	0.81842	0.81842	0.82104
17629	2.6223	0.16687	0.16687	0.2225

17630	2.4979	1.04223	1.04223	1.11228
17631	2.49895	1.03365	1.03365	1.10516
17632	2.64753	1.07257	1.07257	1.17513
17633	2.64955	0.7621	0.7621	0.75922
17634	2.42924	0.81054	0.81054	0.80374
17635	2.78688	1.38863	1.38863	1.21974
17636	2.56055	0	0	0
17637	2.34301	0.86343	0.86343	0.86207
17638	2.68702	0.62904	0.62904	0.77044
17639	2.69799	0.45645	0.45645	0.68486
17640	2.75611	1.30685	1.30685	1.32989
17641	2.77686	1.30695	1.30695	1.30562
17642	2.80869	1.3124	1.3124	1.3395
17643	2.57826	0.80739	0.80739	0.86998
17644	2.29856	0.95766	0.95766	0.95261
17645	2.57731	0.83854	0.83854	0.84737
17646	2.57318	0.92562	0.92562	0.99377
17647	2.40838	0.97898	0.97898	1.23732
17648	2.41271	1.02018	1.02018	1.0869
17649	2.42549	0	0	0
17650	2.62515	0.83559	0.83559	0.96857
17651	2.52846	0.60319	0.60319	0.72015
17652	2.41502	0.89068	0.89068	0.94842
17653	2.50202	0.1889	0.1889	0.26553
17654	2.54395	0	0	0
17655	2.67704	1.02577	1.02577	1.14202
17656	2.45397	0.88392	0.88392	0.95656
17657	2.45552	0.86947	0.86947	0.93322
17658	2.43309	0.80723	0.80723	0.8454
17659	2.47617	0.97953	0.97953	1.03075
17660	2.47851	0.86028	0.86028	0.90175
17661	2.47272	0.27057	0.27057	0.39453
17662	2.51327	1.03979	1.03979	1.15647
17663	2.51293	1.03258	1.03258	1.14773
17664	2.32154	0.79976	0.79976	0.79147
17665	2.63224	0	0	0
17666	2.5293	0.4892	0.4892	0.65433
17667	2.5914	0.83855	0.83855	1.14383
17668	2.45986	0	0	0
17669	2.59287	0.83024	0.83024	0.84308
17670	2.56971	0	0	0

17671	2.44003	0.36219	0.36219	0.48364
17672	2.50103	0.94555	0.94555	0.99825
17673	2.59528	1.07411	1.07411	1.18061
17674	2.26082	0.80959	0.80959	0.76987
17675	2.68604	1.04145	1.04145	1.13801
17676	2.68339	1.03574	1.03574	1.12389
17677	2.6843	1.02618	1.02618	1.14096
17678	2.68378	1.01297	1.01297	1.12465
17679	2.52443	0	0	0
17680	2.57758	0.59433	0.59433	0.8056
17681	2.76002	1.07675	1.07675	1.19674
17682	2.40329	0	0	0
17683	2.71646	0.8397	0.8397	0.85237
17684	2.69837	0.76894	0.76894	0.98643
17685	2.71076	0.79033	0.79033	1.01436
17686	2.34891	0.72246	0.72246	0.95668
17687	2.43645	0.8074	0.8074	0.80075
17688	2.42972	0.7604	0.7604	0.97883
17689	2.53407	1.00741	1.00741	1.09773
17690	2.16491	0.77631	0.77631	0.72194
17691	2.601	0.971	0.971	1.01509
17692	2.37928	0.86225	0.86225	1.12098
17693	2.36112	0.91135	0.91135	0.93369
17694	2.61822	0.81902	0.81902	0.84533
17695	2.62927	0.77758	0.77758	0.88424
17696	2.65294	0.81865	0.81865	0.87265
17697	2.56779	0	0	0
17698	2.57331	0.47211	0.47211	0.66492
17699	2.38234	0.65582	0.65582	0.86761
17700	2.37904	0.73015	0.73015	0.69534
17701	2.58567	0.95917	0.95917	1.01537
17702	2.61148	0.82716	0.82716	0.85693
17703	2.25146	0.80192	0.80192	0.75623
17704	2.46988	0.9199	0.9199	0.94333
17705	2.41395	0.43435	0.43435	0.63303
17706	2.41476	0.75209	0.75209	0.72559
17707	2.42374	0.16494	0.16494	0.24295
17708	2.77534	0.85936	0.85936	0.91966
17709	2.52971	0.94612	0.94612	1.00585
17710	2.746	0.98764	0.98764	1.06604
17711	2.71478	0.74678	0.74678	0.8959

17712	2.72604	0.839	0.839	0.96929
17713	2.46867	0.90485	0.90485	0.95284
17714	2.69457	0.81931	0.81931	0.86501
17715	2.56862	0.8237	0.8237	0.83021
17716	2.36608	0.87525	0.87525	0.87489
17717	2.393	0.80975	0.80975	0.79808
17718	2.86425	0.85489	0.85489	0.86337
17719	2.87103	1.08151	1.08151	1.32612
17720	2.86173	1.08673	1.08673	1.30983
17721	2.83736	1.08876	1.08876	1.26727
17722	2.7086	0.95492	0.95492	1.08894
17723	2.71418	0	0	0
17724	2.70253	0.99889	0.99889	1.05847
17725	2.56967	1.11568	1.11568	1.26677
17726	2.57639	1.11212	1.11212	1.22753
17727	2.58091	1.10203	1.10203	1.21564
17728	2.37078	0.81279	0.81279	0.73843
17729	2.37172	0	0	0
17730	2.69539	1.11847	1.11847	1.25554
17731	2.70007	1.13006	1.13006	1.28267
17732	2.54664	0.97868	0.97868	1.07447
17733	2.55218	0.96435	0.96435	1.05609
17734	2.64455	0.80791	0.80791	0.86752
17735	2.64424	0.86275	0.86275	0.96254
17736	2.56541	0.10949	0.10949	0.20352
17737	2.48939	0.94295	0.94295	1.00425
17738	2.66405	0.75549	0.75549	0.66403
17739	2.61184	0.72347	0.72347	0.62651
17740	2.60005	1.46357	1.46357	0.47839
17741	2.65606	1.48613	1.48613	0.87674
17742	2.30268	0.80637	0.80637	0.76126
17743	2.3856	0.73182	0.73182	0.69785
17744	2.59714	0.81794	0.81794	0.84397
17745	2.38487	1.12607	1.12607	1.21295
17746	2.65009	0.86205	0.86205	1.05888
17747	2.45386	0.89903	0.89903	0.94088
17748	2.66209	0.97039	0.97039	1.10202
17749	2.45442	0	0	0
17750	2.4545	0.87615	0.87615	0.89899
17751	2.45383	0.24587	0.24587	0.35414
17752	2.43828	0.22956	0.22956	0.32966

17753	2.28248	0.84835	0.84835	0.851
17754	2.42593	0.82561	0.82561	0.81265
17755	2.55106	0.81005	0.81005	0.84315
17756	2.34133	0.80435	0.80435	0.78591
17757	2.79075	0.87889	0.87889	1.06197
17758	2.71249	0.83345	0.83345	0.8586
17759	2.33265	0	0	0
17760	2.65985	0.75767	0.75767	0.94977
17761	2.4961	0.54712	0.54712	0.71367
17762	2.59676	0.94479	0.94479	1.05746
17763	2.48071	0.93271	0.93271	0.99697
17764	2.93709	1.48661	1.48661	0.94736
17765	2.28329	0.96488	0.96488	0.98407
17766	2.38906	0	0	0
17767	3.02337	1.19869	1.19869	1.48264
17768	3.02275	1.20062	1.20062	1.46975
17769	2.37415	0	0	0
17770	2.37402	0.62277	0.62277	0.76634
17771	2.55838	0.63488	0.63488	0.83794
17772	2.53556	0.42737	0.42737	0.58455
17773	2.25204	0.85639	0.85639	0.83406
17774	2.92374	1.00841	1.00841	1.10967
17775	2.91888	1.1874	1.1874	1.32079
17776	2.5463	0.94493	0.94493	1.02442
17777	2.41345	0.92674	0.92674	0.95388
17778	2.48026	0.8312	0.8312	0.86105
17779	2.53124	0	0	0
17780	2.69619	1.07471	1.07471	1.11139
17781	2.54456	0	0	0
17782	2.62405	0.99873	0.99873	1.18235
17783	2.86526	0.98846	0.98846	1.06277
17784	2.84261	0.96545	0.96545	1.02224
17785	2.80126	0	0	0
17786	2.4736	0	0	0
17787	2.69767	1.05805	1.05805	1.13664
17788	2.68937	1.06843	1.06843	1.14554
17789	2.69605	1.21258	1.21258	1.27353
17790	2.43948	0.89744	0.89744	0.92558
17791	2.37421	0.5303	0.5303	0.87872
17792	2.67854	1.04247	1.04247	1.22979
17793	2.67128	0.76574	0.76574	0.76563

17794	2.51723	0.91321	0.91321	1.00568
17795	2.5278	0.85924	0.85924	0.92475
17796	2.47727	1.01118	1.01118	1.07212
17797	2.4724	1.02273	1.02273	1.08128
17798	2.47263	1.02716	1.02716	1.08448
17799	2.42894	0.8121	0.8121	0.81269
17800	2.42859	0.36791	0.36791	0.59362
17801	2.53124	0.82145	0.82145	0.80571
17802	2.53226	0	0	0
17803	2.45247	0.9354	0.9354	0.97963
17804	2.47219	0.80634	0.80634	0.83153
17805	2.42306	0	0	0
17806	2.42926	0.93106	0.93106	0.95508
17807	2.42646	0.75258	0.75258	0.71693
17808	2.5927	0.74866	0.74866	0.68189
17809	2.32965	0.29422	0.29422	0.37695
17810	2.34638	0.51023	0.51023	0.69147
17811	2.48402	0	0	0
17812	2.55978	0.67798	0.67798	0.97744
17813	2.55118	1.00241	1.00241	1.10745
17814	2.30592	0.91416	0.91416	0.93424
17815	2.53785	0	0	0
17816	2.58271	0	0	0
17817	2.64388	0.96552	0.96552	1.01305
17818	2.6387	0.97974	0.97974	1.02038
17819	2.75986	1.12028	1.12028	1.16524
17820	2.8139	0.99124	0.99124	1.07595
17821	2.66711	0	0	0
17822	2.49612	1.07279	1.07279	1.21476
17823	2.25076	0	0	0
17824	2.79935	1.05834	1.05834	1.13095
17825	2.76166	1.04418	1.04418	1.10292
17826	2.76048	1.0186	1.0186	1.08833
17827	2.71517	0.95089	0.95089	0.95949
17828	2.94426	1.15629	1.15629	1.33767
17829	2.93739	1.16419	1.16419	1.34594
17830	2.78766	0.7238	0.7238	1.10112
17831	2.78654	0.81771	0.81771	0.86378
17832	2.62135	0.94828	0.94828	1.03323
17833	2.59412	0.91224	0.91224	0.94267
17834	2.59419	0.88302	0.88302	0.89679

17835	2.59268	0	0	0
17836	2.45798	0.67122	0.67122	1.11983
17837	2.45164	0.89313	0.89313	1.16462
17838	2.5756	1.03215	1.03215	1.09424
17839	2.57634	1.02348	1.02348	1.08266
17840	3.03377	1.16072	1.16072	1.52769
17841	2.98013	1.1346	1.1346	1.4641
17842	2.66124	0.84509	0.84509	0.87513
17843	2.66139	0.95545	0.95545	1.06045
17844	2.6618	1.14332	1.14332	1.18844
17845	2.66087	1.1356	1.1356	1.16871
17846	2.66287	1.1327	1.1327	1.31336
17847	2.58393	0.56031	0.56031	0.73411
17848	2.58803	0.94626	0.94626	0.99439
17849	2.77594	0.87329	0.87329	0.95698
17850	2.77624	0.59562	0.59562	0.89316
17851	2.80885	0.84225	0.84225	1.01271
17852	2.63574	0.82692	0.82692	1.03682
17853	2.56737	0.76576	0.76576	0.80025
17854	2.89231	1.22804	1.22804	1.25815
17855	2.90844	1.22994	1.22994	1.26625
17856	2.89669	1.22445	1.22445	1.21479
17857	2.41475	1.01776	1.01776	1.04913
17858	2.41497	1.0056	1.0056	1.03715
17859	2.60945	0.81719	0.81719	0.82992
17860	2.60655	0.42706	0.42706	0.57338
17861	2.66069	1.03803	1.03803	1.22568
17862	2.66165	1.00067	1.00067	1.16602
17863	2.50708	0.93693	0.93693	1.03597
17864	2.61654	0.7568	0.7568	0.75316
17865	2.61618	0.47121	0.47121	0.70146
17866	2.61733	0	0	0
17867	2.42009	0.99564	0.99564	1.23418
17868	2.42	1.05051	1.05051	1.23385
17869	2.42	1.05734	1.05734	1.22485
17870	2.33823	0.98386	0.98386	1.18011
17871	2.82036	1.00485	1.00485	1.10246
17872	2.82723	1.10448	1.10448	1.24273
17873	2.87507	1.09157	1.09157	1.11485
17874	2.87654	1.13181	1.13181	1.18752
17875	2.85232	0.29283	0.29283	0.43557

17876	2.74075	1.36089	1.36089	1.19684
17877	2.4113	1.03835	1.03835	1.20461
17878	2.51677	0.7258	0.7258	0.95468
17879	2.61634	0.83164	0.83164	0.85039
17880	2.49467	0.98802	0.98802	1.04336
17881	2.67939	0.88207	0.88207	0.94414
17882	2.65319	1.02405	1.02405	1.22385
17883	2.6544	0.84612	0.84612	0.93704
17884	2.65343	0.81052	0.81052	0.88004
17885	2.63559	1.18602	1.18602	1.33427
17886	2.64175	1.18683	1.18683	1.29165
17887	2.64886	1.18719	1.18719	1.29227
17888	2.6525	1.18799	1.18799	1.28832
17889	2.45626	1.09792	1.09792	1.16273
17890	2.7522	0.91342	0.91342	1.0215
17891	2.74302	0.92214	0.92214	1.01018
17892	2.75876	0.9323	0.9323	0.99712
17893	2.42387	0.84354	0.84354	0.85147
17894	2.41469	0.94845	0.94845	0.97481
17895	2.41561	0.91302	0.91302	0.92735
17896	2.59646	0.83395	0.83395	0.91773
17897	2.6008	0	0	0
17898	2.88404	1.19512	1.19512	1.35523
17899	2.88465	1.19419	1.19419	1.36516
17900	2.8748	1.1395	1.1395	1.32738
17901	2.63983	1.00941	1.00941	1.1927
17902	2.29893	0.87397	0.87397	0.93498
17903	2.66671	1.16799	1.16799	1.29367
17904	2.64765	1.16816	1.16816	1.27998
17905	2.74969	0	0	0
17906	2.82694	1.30761	1.30761	1.31889
17907	2.55504	0.82089	0.82089	0.83639
17908	2.60637	0.86138	0.86138	0.95487
17909	2.6076	0.80657	0.80657	0.85303
17910	2.5661	0.75941	0.75941	0.74768
17911	2.55949	0.87977	0.87977	0.92638
17912	2.35265	0.37192	0.37192	0.54361
17913	2.40282	0.96084	0.96084	1.00857
17914	2.64811	0.32648	0.32648	0.45555
17915	2.65715	0.68041	0.68041	0.88653
17916	2.66481	0.92628	0.92628	0.96491

17917	2.66516	0.83821	0.83821	0.85257
17918	2.67912	0.92603	0.92603	0.97267
17919	2.67652	0.99755	0.99755	1.0707
17920	2.64472	0.99116	0.99116	0.98124
17921	2.60069	0.31652	0.31652	0.52038
17922	2.60158	0.86131	0.86131	1.05584
17923	2.61526	0.5207	0.5207	0.87556
17924	2.6154	0.77087	0.77087	0.7798
17925	2.40627	0.24061	0.24061	0.39026
17926	2.79408	1.28419	1.28419	1.31591
17927	2.79389	1.2839	1.2839	1.31893
17928	2.79538	1.28395	1.28395	1.32744
17929	2.80142	1.28351	1.28351	1.33311
17930	2.80207	1.28326	1.28326	1.33633
17931	2.80546	1.28295	1.28295	1.34294
17932	2.80092	1.27675	1.27675	1.34266
17933	2.79272	1.27587	1.27587	1.34197
17934	2.54244	0.81642	0.81642	0.84317
17935	2.70639	0	0	0
17936	2.66507	0.89906	0.89906	0.98828
17937	2.54283	0.38997	0.38997	0.48848
17938	2.55987	0.99917	0.99917	1.09029
17939	2.48831	1.15504	1.15504	1.26998
17940	2.48959	1.1659	1.1659	1.26492
17941	2.3074	0.94311	0.94311	1.03004
17942	2.97206	1.33123	1.33123	1.33395
17943	2.9596	1.33075	1.33075	1.37461
17944	2.94921	1.33009	1.33009	1.37977
17945	2.93686	1.33001	1.33001	1.38697
17946	2.92482	1.31956	1.31956	1.3909
17947	2.90229	1.27733	1.27733	1.31946
17948	2.86803	1.07453	1.07453	1.17248
17949	2.83466	1.32624	1.32624	1.32993
17950	2.82329	1.32625	1.32625	1.32878
17951	2.82088	1.32237	1.32237	1.36222
17952	2.81937	1.32097	1.32097	1.36479
17953	2.39327	0.84993	0.84993	0.87873
17954	2.66757	0.96468	0.96468	1.0333
17955	2.67707	1.10325	1.10325	1.20987
17956	2.6755	0.98152	0.98152	0.98299
17957	2.528	0.8805	0.8805	0.91967

17958	2.62409	0.57092	0.57092	0.84272
17959	2.65591	0.91079	0.91079	1.25238
17960	2.46965	0	0	0
17961	2.45299	1.07464	1.07464	1.09984
17962	2.56759	0.82354	0.82354	0.84058
17963	2.47335	0.87196	0.87196	0.90463
17964	2.47679	0.8176	0.8176	0.81466
17965	2.4976	0	0	0
17966	2.44632	0	0	0
17967	2.67729	1.28204	1.28204	1.25749
17968	2.69365	1.2782	1.2782	1.28236
17969	2.73004	1.01983	1.01983	1.15204
17970	2.73632	1.01832	1.01832	1.16009
17971	2.48705	0.81452	0.81452	0.82778
17972	2.5841	0	0	0
17973	2.40558	0.80808	0.80808	0.82497
17974	2.49381	0.82605	0.82605	0.8159
17975	2.4658	0.93268	0.93268	1.00898
17976	2.72137	0.91306	0.91306	0.99573
17977	2.47671	0	0	0
17978	2.50705	0.82115	0.82115	0.82564
17979	2.77043	0.9615	0.9615	1.06485
17980	2.76929	0.90218	0.90218	1.08108
17981	2.84535	0.91396	0.91396	1.10577
17982	2.45004	0.23689	0.23689	0.40217
17983	2.56263	0.91388	0.91388	1.00605
17984	2.54555	0	0	0
17985	2.6018	0.8556	0.8556	0.81024
17986	2.61965	0.85646	0.85646	1.00425
17987	2.62116	0.8246	0.8246	1.00159
17988	2.62225	0.76139	0.76139	0.98732
17989	2.62868	0.92169	0.92169	0.99645
17990	2.63099	0.87308	0.87308	0.97973
17991	2.53007	1.03017	1.03017	1.1106
17992	2.5315	1.00204	1.00204	1.03032
17993	2.50248	1.01747	1.01747	1.07517
17994	2.50207	1.01022	1.01022	1.0676
17995	2.49793	0.85424	0.85424	0.86098
17996	2.42835	0.95024	0.95024	0.97697
17997	2.52536	0.84437	0.84437	0.8721
17998	2.52482	0.90054	0.90054	0.95717

17999	2.6806	0.88253	0.88253	1.00504
18000	2.3888	0.79552	0.79552	1.13414
18001	2.57065	0.91095	0.91095	1.04681
18002	2.59594	0.86873	0.86873	0.92884
18003	2.5965	0.67846	0.67846	0.8424
18004	2.67029	0.93795	0.93795	1.17395
18005	2.65636	0.95171	0.95171	1.16822
18006	2.65845	1.00401	1.00401	1.1662
18007	2.66015	1.05838	1.05838	1.19318
18008	2.67113	1.0799	1.0799	1.19691
18009	2.6454	0.22971	0.22971	0.39222
18010	2.71606	1.26902	1.26902	1.35371
18011	2.71552	1.26927	1.26927	1.35359
18012	2.72852	1.2725	1.2725	1.35034
18013	2.73844	1.27245	1.27245	1.34723
18014	2.74124	1.27473	1.27473	1.3569
18015	2.75429	1.27474	1.27474	1.35585
18016	2.75294	1.27432	1.27432	1.33982
18017	2.75626	1.28174	1.28174	1.35235
18018	2.7503	1.28494	1.28494	1.35885
18019	2.74662	1.28783	1.28783	1.30938
18020	2.4719	0.80394	0.80394	0.83583
18021	2.6883	0.97936	0.97936	1.26217
18022	2.70058	1.02725	1.02725	1.25691
18023	2.4771	1.10832	1.10832	1.17323
18024	2.42228	0.83034	0.83034	0.93092
18025	2.42007	0.85838	0.85838	0.98649
18026	2.68017	0.85635	0.85635	0.865
18027	2.68322	0.0884	0.0884	0.16853
18028	2.55554	0	0	0
18029	2.39852	0.80174	0.80174	0.81095
18030	2.39787	0.87034	0.87034	0.91842
18031	2.45787	0.56252	0.56252	0.72102
18032	2.44119	0	0	0
18033	2.53319	0.94285	0.94285	0.99539
18034	2.40591	1.00355	1.00355	1.15244
18035	2.57702	0.80756	0.80756	1.14243
18036	2.3834	0	0	0
18037	2.45014	0	0	0
18038	2.53421	0.86264	0.86264	0.93841
18039	2.43141	0	0	0

18040	2.57908	0.35041	0.35041	0.48421
18041	2.60936	0.90979	0.90979	0.96654
18042	2.6901	0.85148	0.85148	0.88804
18043	2.68946	0.81891	0.81891	0.83995
18044	2.58984	1.01788	1.01788	1.11862
18045	2.59087	0.12888	0.12888	0.17402
18046	2.55548	1.11557	1.11557	1.17914
18047	2.50287	0.82916	0.82916	0.83215
18048	2.33827	0.96943	0.96943	1.06565
18049	2.44949	0.90756	0.90756	0.94053
18050	2.44012	0.55238	0.55238	0.7492
18051	2.60789	0.99274	0.99274	1.25734
18052	2.60305	0.97193	0.97193	1.2608
18053	2.43118	0.8908	0.8908	0.97177
18054	2.48042	0.82569	0.82569	0.8312
18055	2.38104	0.80912	0.80912	0.79162
18056	2.46088	0.88204	0.88204	0.9781
18057	2.45894	0.97972	0.97972	1.0668
18058	2.76932	0.7919	0.7919	0.90403
18059	2.78109	0.72866	0.72866	0.44659
18060	2.91691	0.7809	0.7809	0.89885
18061	2.91459	0.65546	0.65546	0.93356
18062	2.67216	0.84768	0.84768	0.84623
18063	2.52275	0	0	0
18064	2.42606	0	0	0
18065	2.63285	0.99021	0.99021	1.10389
18066	2.50461	0.90224	0.90224	1.07562
18067	2.57554	1.13898	1.13898	1.22031
18068	2.46501	0	0	0
18069	2.6142	0.91169	0.91169	0.95099
18070	2.43323	0.9987	0.9987	1.06104
18071	2.42613	1.00767	1.00767	1.06588
18072	2.40076	0.92445	0.92445	0.92728
18073	2.60009	1.01271	1.01271	1.1017
18074	2.58356	0.80684	0.80684	1.09155
18075	2.393	0.85856	0.85856	0.99801
18076	2.48735	0.82072	0.82072	0.82431
18077	2.46516	0.61475	0.61475	0.86489
18078	2.45149	0.99575	0.99575	1.04451
18079	2.45092	0.82636	0.82636	0.81074
18080	2.3094	1.00919	1.00919	1.063

18081	2.50263	1.08621	1.08621	1.18933
18082	2.50632	1.08319	1.08319	1.19098
18083	2.45878	0	0	0
18084	2.71545	1.13734	1.13734	1.33312
18085	2.71752	1.13255	1.13255	1.33477
18086	2.42551	0	0	0
18087	2.39657	0.14055	0.14055	0.21081
18088	2.61569	0.98693	0.98693	1.0791
18089	2.62379	0.90745	0.90745	0.9702
18090	2.49135	1.02003	1.02003	1.10617
18091	2.49064	1.09734	1.09734	1.20753
18092	2.62383	0.98136	0.98136	1.07024
18093	2.62422	0.89578	0.89578	0.90435
18094	2.28777	0.74664	0.74664	1.12754
18095	2.3842	0.52788	0.52788	0.71455
18096	2.47534	1.16661	1.16661	1.2565
18097	2.45267	1.17137	1.17137	1.23005
18098	2.70254	1.01242	1.01242	1.09848
18099	2.43434	0	0	0
18100	2.55993	0.91859	0.91859	0.96231
18101	2.43984	0.20897	0.20897	0.31595
18102	2.64838	1.15446	1.15446	1.16382
18103	2.64568	1.15593	1.15593	1.16341
18104	2.62582	0.8219	0.8219	0.84164
18105	2.78527	1.07468	1.07468	1.12133
18106	2.39461	0.8715	0.8715	0.92386
18107	2.45918	0	0	0
18108	2.43713	1.09806	1.09806	1.15952
18109	2.56898	0.05675	0.05675	0.08305
18110	2.65254	0	0	0
18111	2.75808	0.79517	0.79517	0.86907
18112	2.27846	0.85668	0.85668	0.83064
18113	2.46959	0.91747	0.91747	0.98414
18114	2.46804	0.96885	0.96885	1.06766
18115	2.5856	0.92213	0.92213	0.98867
18116	2.44843	0.33897	0.33897	0.46911
18117	2.63315	0.82194	0.82194	0.84465
18118	2.80904	0.92104	0.92104	0.94074
18119	2.7538	0.85881	0.85881	0.84299
18120	2.70334	0.99132	0.99132	1.16123
18121	2.69629	1.03552	1.03552	1.22824

18122	2.48532	0.82546	0.82546	0.82056
18123	2.48581	0.8804	0.8804	0.89666
18124	2.59956	1.12913	1.12913	1.15714
18125	2.59515	1.12766	1.12766	1.16281
18126	2.58442	0.8855	0.8855	1.19503
18127	2.74469	1.1856	1.1856	0.97732
18128	2.73397	1.43964	1.43964	1.02919
18129	2.91708	1.33052	1.33052	1.38544
18130	2.7942	0.98375	0.98375	1.08396
18131	2.43294	0.3805	0.3805	0.57093
18132	2.49366	1.06971	1.06971	1.18351
18133	2.40394	0.94996	0.94996	1.04447
18134	2.52517	0	0	0
18135	2.52623	0.80997	0.80997	0.81984
18136	2.60114	0.83123	0.83123	0.83837
18137	2.40119	0	0	0
18138	2.54743	1.14035	1.14035	1.20943
18139	2.58718	1.1432	1.1432	1.22322
18140	2.57887	1.3054	1.3054	1.30744
18141	2.70179	1.01432	1.01432	1.11391
18142	2.67903	0.99822	0.99822	1.10164
18143	2.67877	0.81937	0.81937	1.00055
18144	2.67848	0.7549	0.7549	0.97645
18145	2.80144	0.94711	0.94711	1.02112
18146	2.83277	0.9441	0.9441	1.04671
18147	2.67637	0.8569	0.8569	0.89913
18148	2.6723	0.94786	0.94786	1.02839
18149	2.6523	0.95397	0.95397	0.99346
18150	2.65209	0.98433	0.98433	1.04402
18151	2.62333	0.80955	0.80955	0.84106
18152	2.61656	0.86384	0.86384	0.91861
18153	2.54079	0.86238	0.86238	0.9235
18154	2.29152	0.81445	0.81445	0.77465
18155	2.49616	0.89516	0.89516	1.14258
18156	2.49022	0.80785	0.80785	0.82807
18157	2.45338	0.50698	0.50698	0.82707
18158	2.49591	0.81521	0.81521	0.82946
18159	2.4771	0.87849	0.87849	0.89415
18160	2.64833	0.92308	0.92308	1.11137
18161	2.65714	0.83418	0.83418	1.06641
18162	2.62777	0.83248	0.83248	0.82984

18163	2.8804	1.25387	1.25387	1.34795
18164	2.87814	1.25319	1.25319	1.35447
18165	2.56756	0.05631	0.05631	0.08674
18166	2.56417	0.81607	0.81607	0.81613
18167	2.56201	0.81621	0.81621	0.82373
18168	2.52222	0	0	0
18169	2.57586	0.84128	0.84128	0.85697
18170	2.57857	0.89557	0.89557	0.76548
18171	2.63562	1.01398	1.01398	1.13534
18172	2.61682	1.02942	1.02942	1.17948
18173	2.50274	0.87886	0.87886	0.89548
18174	2.30889	0.86097	0.86097	0.82661
18175	2.50433	1.04271	1.04271	1.0542
18176	2.57478	1.00012	1.00012	1.04703
18177	2.47246	0.823	0.823	0.81396
18178	2.47011	0.44119	0.44119	0.54702
18179	2.68657	0.88171	0.88171	0.87467
18180	2.26697	0.79707	0.79707	0.76851
18181	2.49247	0.9125	0.9125	0.94637
18182	2.27755	0.87993	0.87993	0.89386
18183	2.34685	0.79219	0.79219	0.829
18184	2.587	0.9319	0.9319	1.01361
18185	2.56973	0.99748	0.99748	1.10518
18186	2.56065	1.00904	1.00904	1.1155
18187	2.5526	0.82999	0.82999	0.84562
18188	2.45132	0.89834	0.89834	0.91966
18189	2.45076	0.92978	0.92978	0.96086
18190	2.45105	0.94569	0.94569	0.97967
18191	2.49191	0.89563	0.89563	0.98201
18192	2.49218	0.9355	0.9355	1.05123
18193	2.42886	0.77939	0.77939	0.72563
18194	2.43448	0.84431	0.84431	0.82055
18195	2.57424	0	0	0
18196	2.67769	0.89485	0.89485	1.07847
18197	2.59898	0.81568	0.81568	0.84993
18198	2.3774	0	0	0
18199	2.66273	0.88398	0.88398	1.08241
18200	2.46544	0.8583	0.8583	0.92667
18201	2.4631	0.89014	0.89014	0.95635
18202	2.46211	0.91243	0.91243	0.99058
18203	2.49913	0.82977	0.82977	0.85118

18204	2.64036	0.7638	0.7638	0.75505
18205	2.5296	0.31809	0.31809	0.4485
18206	2.55136	0.81695	0.81695	0.83894
18207	2.54919	0.91216	0.91216	0.98124
18208	2.54935	0.95432	0.95432	1.04501
18209	2.53144	1.05507	1.05507	1.14396
18210	2.49822	0	0	0
18211	2.44681	0.90709	0.90709	0.8605
18212	2.68205	1.00361	1.00361	1.12306
18213	2.4962	0.86328	0.86328	1.03088
18214	2.49222	0.76039	0.76039	1.04029
18215	2.4284	0.9143	0.9143	0.98303
18216	2.52281	0.81224	0.81224	0.82096
18217	2.45555	0.45464	0.45464	0.65832
18218	2.82286	1.17726	1.17726	1.34785
18219	2.809	1.18897	1.18897	1.36121
18220	2.79299	1.18691	1.18691	1.35487
18221	2.7822	1.17477	1.17477	1.33893
18222	2.28354	0.87206	0.87206	1.11745
18223	2.63858	1.01298	1.01298	1.05118
18224	2.69499	0.83298	0.83298	0.84574
18225	2.52358	0.91754	0.91754	0.96959
18226	2.42629	0.87456	0.87456	0.93038
18227	2.33545	0.80192	0.80192	0.77466
18228	2.45451	0.74586	0.74586	0.72846
18229	2.61111	1.02027	1.02027	1.14441
18230	2.57137	0.52264	0.52264	0.79591
18231	2.57266	1.04116	1.04116	1.17138
18232	2.56708	0	0	0
18233	2.45044	0	0	0
18234	2.67744	1.08713	1.08713	1.20518
18235	2.39988	0.89266	0.89266	1.06878
18236	2.80709	1.1508	1.1508	1.15748
18237	2.82905	1.17542	1.17542	1.22459
18238	2.82729	1.17279	1.17279	1.21955
18239	2.79593	0.91742	0.91742	0.87237
18240	2.3539	0	0	0
18241	2.5614	0.97093	0.97093	1.03177
18242	2.69126	0	0	0
18243	2.68764	0.83889	0.83889	0.85296
18244	2.67842	1.32963	1.32963	0.91205

18245	2.66657	1.32809	1.32809	0.94687
18246	2.79994	1.34936	1.34936	1.00128
18247	2.65862	1.3407	1.3407	1.09488
18248	2.66311	1.33672	1.33672	1.10471
18249	2.62972	0.76448	0.76448	0.80519
18250	2.61065	1.09197	1.09197	1.19703
18251	2.60293	0.92671	0.92671	1.03603
18252	2.52723	1.0347	1.0347	1.04483
18253	2.51218	0.809	0.809	0.81604
18254	2.52211	0.66495	0.66495	0.81936
18255	2.78762	1.0959	1.0959	1.27701
18256	2.7914	1.09092	1.09092	1.27251
18257	2.62535	1.00293	1.00293	1.07872
18258	2.62663	0.9796	0.9796	1.05508
18259	2.44927	0.90822	0.90822	0.9228
18260	2.74002	0.90063	0.90063	0.94281
18261	2.76898	0	0	0
18262	2.37841	0.93347	0.93347	0.97007
18263	2.37754	0.94762	0.94762	0.98154
18264	2.6178	0.95503	0.95503	1.07238
18265	2.58394	0.59412	0.59412	0.78078
18266	2.5839	0.75889	0.75889	0.79824
18267	2.58362	0.80949	0.80949	0.82291
18268	2.71157	1.13901	1.13901	1.2572
18269	2.36341	0.89729	0.89729	0.908
18270	2.44823	0.98658	0.98658	1.0451
18271	2.55351	0.90548	0.90548	0.93371
18272	2.39186	0	0	0
18273	2.33686	0.80049	0.80049	0.78349
18274	2.58737	1.07887	1.07887	1.21125
18275	2.64969	0.81577	0.81577	0.86563
18276	2.63098	0.87831	0.87831	0.96938
18277	2.63137	0.53395	0.53395	0.78084
18278	2.40663	0.81562	0.81562	0.80609
18279	2.51764	0.91517	0.91517	0.93842
18280	2.46667	0	0	0
18281	2.52761	0.83045	0.83045	0.81865
18282	2.67133	1.30486	1.30486	1.22232
18283	2.65526	1.29406	1.29406	1.24186
18284	2.5786	1.28897	1.28897	1.24919
18285	2.41601	0.4658	0.4658	0.615

18286	2.79014	0.91453	0.91453	0.9381
18287	2.43117	0.89211	0.89211	0.9114
18288	2.43605	0.82199	0.82199	0.80529
18289	2.68663	1.08492	1.08492	1.20192
18290	2.63822	0.99964	0.99964	1.04111
18291	2.64216	0.72222	0.72222	0.90145
18292	2.65847	0.63884	0.63884	0.76485
18293	2.52852	0.8343	0.8343	0.87297
18294	2.53565	0.3888	0.3888	0.58761
18295	2.62435	0.84794	0.84794	0.84916
18296	2.34867	0.85279	0.85279	0.86832
18297	2.34984	0.73431	0.73431	0.76921
18298	2.35425	0.7342	0.7342	0.68617
18299	2.39769	0.90218	0.90218	0.92126
18300	2.40385	0.93457	0.93457	1.05687
18301	2.61292	0.75743	0.75743	0.75387
18302	2.41893	0.84982	0.84982	0.89307
18303	2.46075	0	0	0
18304	2.64217	1.01422	1.01422	1.30432
18305	2.64621	1.0023	1.0023	1.26931
18306	2.6472	1.01342	1.01342	1.26857
18307	2.75695	1.12839	1.12839	1.25724
18308	2.72791	1.12114	1.12114	1.22797
18309	2.73177	1.11326	1.11326	1.21284
18310	2.46727	1.00798	1.00798	1.0453
18311	2.46331	0.95314	0.95314	0.99383
18312	2.4629	0.91258	0.91258	0.94189
18313	2.63351	0.52181	0.52181	0.80216
18314	2.63406	1.04981	1.04981	1.18666
18315	2.86969	0.63341	0.63341	0.77678
18316	2.87005	0.81416	0.81416	0.99493
18317	2.87628	0.84661	0.84661	0.88849
18318	2.73787	1.10436	1.10436	1.25936
18319	2.50888	0.97936	0.97936	0.98244
18320	2.80139	1.26921	1.26921	1.25282
18321	2.80444	1.26879	1.26879	1.25472
18322	2.82386	1.2689	1.2689	1.30771
18323	2.49036	1.01466	1.01466	1.06991
18324	2.59353	0.76048	0.76048	0.76621
18325	2.71495	0.97745	0.97745	1.02836
18326	2.48706	0.10811	0.10811	0.23734

18327	2.63095	0.80801	0.80801	0.85022
18328	2.45747	0.83426	0.83426	1.05618
18329	2.56469	0.96444	0.96444	1.05222
18330	2.5651	1.00681	1.00681	1.11469
18331	2.52909	0.32729	0.32729	0.48557
18332	2.52155	0.93761	0.93761	0.98391
18333	2.46959	0.52914	0.52914	0.73675
18334	2.47025	0.81451	0.81451	0.87104
18335	2.47088	0.88962	0.88962	0.92004
18336	2.52453	0	0	0
18337	2.45113	0.31158	0.31158	0.43036
18338	2.49353	0.82588	0.82588	0.82616
18339	2.52096	0.97524	0.97524	1.04296
18340	2.52211	0.9197	0.9197	0.97558
18341	2.50054	0.83095	0.83095	0.82152
18342	2.4831	0.87479	0.87479	0.90144
18343	2.62946	0.93359	0.93359	1.06367
18344	2.75192	1.22162	1.22162	1.32787
18345	2.77525	1.21786	1.21786	1.34769
18346	2.83612	1.19998	1.19998	1.38596
18347	2.67342	1.04361	1.04361	1.18402
18348	2.6743	1.0511	1.0511	1.18655
18349	2.66148	0.9606	0.9606	1.04103
18350	2.44431	0.8485	0.8485	0.85597
18351	2.59588	0	0	0
18352	2.42696	1.08944	1.08944	1.12224
18353	2.38271	0.96983	0.96983	1.10929
18354	2.62758	0.95159	0.95159	1.22142
18355	2.6234	0.91199	0.91199	1.19448
18356	2.70354	1.15276	1.15276	1.25231
18357	2.51583	0.81129	0.81129	0.8927
18358	2.75003	1.05769	1.05769	1.26642
18359	2.7232	1.09613	1.09613	1.24787
18360	2.7495	0.77295	0.77295	1.08538
18361	2.73176	1.05042	1.05042	1.19666
18362	2.61003	0.76421	0.76421	0.77602
18363	2.61732	0.85078	0.85078	0.87461
18364	2.65305	0.92579	0.92579	1.05318
18365	2.64368	0.97059	0.97059	1.12275
18366	2.49456	0.34274	0.34274	0.5767
18367	2.60229	0.87012	0.87012	1.02565

18368	2.60223	0.49545	0.49545	0.63528
18369	2.6637	0.82434	0.82434	1.09582
18370	2.70937	1.06155	1.06155	1.2187
18371	2.7117	1.05833	1.05833	1.21885
18372	2.7139	0.91622	0.91622	1.15501
18373	2.5833	0.90362	0.90362	1.00384
18374	2.58547	0.93405	0.93405	1.0048
18375	2.59881	0.9607	0.9607	1.02378
18376	2.71455	0	0	0
18377	2.71718	0.82746	0.82746	0.86593
18378	2.71738	0.51052	0.51052	0.7674
18379	2.70555	0.75895	0.75895	0.77427
18380	2.61535	0.76342	0.76342	0.77477
18381	2.391	0.49018	0.49018	0.72635
18382	2.88663	1.09627	1.09627	1.17538
18383	2.94141	1.3725	1.3725	1.31353
18384	2.50587	0.93793	0.93793	1.07734
18385	2.47723	0.29928	0.29928	0.45825
18386	2.66309	0.78531	0.78531	0.93209
18387	2.57245	0.8669	0.8669	0.9346
18388	2.58043	0.89816	0.89816	0.96019
18389	2.60661	0.96996	0.96996	1.02929
18390	2.61436	1.00296	1.00296	1.14789
18391	2.39302	0.67749	0.67749	0.81799
18392	2.4967	0.96191	0.96191	1.04415
18393	2.46868	0.76327	0.76327	1.19783
18394	2.42926	0.94307	0.94307	1.0648
18395	2.58903	0	0	0
18396	2.54252	0	0	0
18397	2.40207	1.10734	1.10734	1.16529
18398	2.3983	1.11712	1.11712	1.15338
18399	2.49773	0.83021	0.83021	0.82443
18400	2.70635	0.99549	0.99549	1.04318
18401	2.70518	0.92877	0.92877	0.9937
18402	2.69822	0.89729	0.89729	1.00654
18403	2.64469	1.00862	1.00862	1.30926
18404	2.39279	0	0	0
18405	2.76653	1.11984	1.11984	1.19722
18406	2.76995	1.13412	1.13412	1.21548
18407	2.77661	1.1354	1.1354	1.20535
18408	2.48291	1.01719	1.01719	1.0592

18409	2.65477	1.11809	1.11809	1.21346
18410	2.66655	1.12199	1.12199	1.22287
18411	2.6766	1.12502	1.12502	1.23002
18412	2.6931	1.12983	1.12983	1.24308
18413	2.28681	0.86673	0.86673	0.85495
18414	2.35449	0.86771	0.86771	1.18066
18415	2.55575	0.83505	0.83505	0.85894
18416	2.55603	0.79874	0.79874	0.77291
18417	2.48386	0.81271	0.81271	0.82029
18418	2.34919	0.93813	0.93813	0.99478
18419	2.43342	0.9659	0.9659	0.97785
18420	2.43442	0.20294	0.20294	0.31722
18421	2.50438	0.827	0.827	0.82514
18422	2.50608	0.80855	0.80855	0.82743
18423	2.36108	0.36793	0.36793	0.60834
18424	2.72942	1.26732	1.26732	1.25253
18425	2.77509	0.95606	0.95606	1.07664
18426	2.77604	0.92466	0.92466	1.0596
18427	2.77971	0.87002	0.87002	0.97222
18428	2.836	1.00863	1.00863	1.16339
18429	2.87334	1.19333	1.19333	1.27675
18430	2.8773	1.19149	1.19149	1.28197
18431	2.87943	1.17665	1.17665	1.24674
18432	2.88709	1.17544	1.17544	1.26174
18433	2.71961	0.93967	0.93967	1.08659
18434	2.7235	0.85505	0.85505	1.03659
18435	2.78437	0.92512	0.92512	0.94345
18436	2.86659	1.22026	1.22026	1.30409
18437	2.87333	1.34848	1.34848	1.32435
18438	2.83099	1.03445	1.03445	1.17032
18439	2.83216	1.02316	1.02316	1.16363
18440	2.54475	0.90151	0.90151	1.01723
18441	2.54666	0.75541	0.75541	0.96452
18442	2.45096	1.0703	1.0703	1.10557
18443	2.69723	0.91859	0.91859	1.13719
18444	2.62718	0.54161	0.54161	0.84183
18445	2.47553	0.80405	0.80405	0.9704
18446	2.60214	0.47461	0.47461	0.63868
18447	2.58304	0.89073	0.89073	0.91721
18448	2.58376	0.97225	0.97225	1.03866
18449	2.58555	1.06164	1.06164	1.16296

18450	2.58498	1.08458	1.08458	1.17212
18451	2.5863	1.13817	1.13817	1.23809
18452	2.50496	0.43374	0.43374	0.61242
18453	2.44213	0.91082	0.91082	0.98464
18454	2.47991	0	0	0
18455	2.69701	0.94349	0.94349	1.05554
18456	2.76989	1.27612	1.27612	1.31879
18457	2.72716	1.27732	1.27732	1.30817
18458	2.45885	0	0	0
18459	2.49935	0.80255	0.80255	0.6661
18460	2.50366	0.95939	0.95939	0.97312
18461	2.45286	0.2869	0.2869	0.35917
18462	2.44555	0.91713	0.91713	0.95742
18463	2.59309	1.03066	1.03066	1.13599
18464	2.58408	1.02605	1.02605	1.14712
18465	2.59518	1.01578	1.01578	1.16552
18466	2.58547	0.94987	0.94987	1.13416
18467	2.58348	0.94423	0.94423	1.17429
18468	2.75519	0	0	0
18469	2.76606	1.12688	1.12688	1.30382
18470	2.76462	1.1315	1.1315	1.30659
18471	2.48698	0.95117	0.95117	1.12011
18472	2.4844	0.85151	0.85151	1.0966
18473	2.4274	0.80045	0.80045	0.92864
18474	2.49352	0.35171	0.35171	0.52004
18475	2.56286	1.06445	1.06445	1.17011
18476	2.5743	0.46723	0.46723	0.71046
18477	2.57568	0	0	0
18478	2.4154	1.08256	1.08256	1.14092
18479	2.41531	1.09362	1.09362	1.14195
18480	2.4402	1.10521	1.10521	1.15497
18481	2.45319	0	0	0
18482	2.38946	0.80521	0.80521	0.79619
18483	2.43492	0.08792	0.08792	0.13657
18484	2.4797	0.75726	0.75726	0.84912
18485	2.48156	0.44619	0.44619	0.62111
18486	2.41579	0.22581	0.22581	0.3377
18487	2.58162	0.76213	0.76213	0.73837
18488	2.5809	0.95028	0.95028	1.01089
18489	2.58129	0.96701	0.96701	1.01525
18490	2.45069	0.96791	0.96791	1.02638

18491	2.49331	0.4254	0.4254	0.60351
18492	2.61422	1.11539	1.11539	1.21409
18493	2.65269	0.79113	0.79113	0.71693
18494	2.55641	0.59639	0.59639	0.73447
18495	2.64294	1.02665	1.02665	1.14102
18496	2.29564	0.73178	0.73178	0.8855
18497	2.69966	0.95228	0.95228	1.04382
18498	2.69671	1.01912	1.01912	1.13958
18499	2.70062	1.01643	1.01643	1.03638
18500	2.62692	0	0	0
18501	2.66208	0	0	0
18502	2.64029	0.83734	0.83734	0.76188
18503	2.64699	0.86822	0.86822	0.94244
18504	2.32542	1.07496	1.07496	1.17022
18505	2.32595	1.07264	1.07264	1.174
18506	2.49467	0.82204	0.82204	0.81807
18507	2.50028	0.89245	0.89245	0.9623
18508	2.49969	0.91172	0.91172	0.94961
18509	2.38637	0	0	0
18510	2.48411	0.90256	0.90256	1.13804
18511	2.35812	0.8521	0.8521	0.86847
18512	2.66333	1.04597	1.04597	1.12991
18513	2.79903	1.17632	1.17632	1.35768
18514	2.59337	0.86765	0.86765	0.98862
18515	2.34139	1.03954	1.03954	1.085
18516	2.40252	0.45405	0.45405	0.63142
18517	2.40367	0.7908	0.7908	0.77265
18518	2.52005	0	0	0
18519	2.54871	0.12892	0.12892	0.18169
18520	2.47025	0.25451	0.25451	0.36346
18521	2.46949	0.96301	0.96301	1.03343
18522	2.82102	1.35505	1.35505	0.95176
18523	2.62853	0.82483	0.82483	0.73073
18524	2.69005	0.94358	0.94358	1.26872
18525	2.50182	0.35652	0.35652	0.51273
18526	2.53678	1.05061	1.05061	1.15874
18527	2.53732	1.01877	1.01877	1.11542
18528	2.48582	0.80597	0.80597	0.82943
18529	2.5359	0.71328	0.71328	0.75012
18530	2.60548	1.18179	1.18179	1.24024
18531	2.60042	0.83499	0.83499	0.83855

18532	2.34854	0.91335	0.91335	0.9731
18533	2.69278	0.83429	0.83429	0.86183
18534	2.51538	0.5114	0.5114	0.772
18535	2.45558	0	0	0
18536	2.50733	1.16901	1.16901	1.27563
18537	2.56611	0.45173	0.45173	0.75849
18538	2.6956	1.02945	1.02945	1.1006
18539	2.68605	0.93444	0.93444	1.05226
18540	2.43043	0	0	0
18541	2.66649	0.72916	0.72916	0.91217
18542	2.72715	0.97998	0.97998	1.1794
18543	2.72034	0.9431	0.9431	1.15129
18544	2.55999	0.86204	0.86204	0.86475
18545	2.40945	0.9861	0.9861	1.13258
18546	2.67945	1.11931	1.11931	1.04152
18547	2.60309	0.8762	0.8762	0.89563
18548	2.40065	0	0	0
18549	2.42961	0.75307	0.75307	0.81818
18550	2.66553	0.81753	0.81753	0.73482
18551	2.82062	1.35258	1.35258	1.24288
18552	2.94146	1.35272	1.35272	1.2764
18553	2.98161	1.35329	1.35329	1.14067
18554	2.52939	0.98639	0.98639	1.06264
18555	2.74901	0.76619	0.76619	1.00739
18556	2.76152	1.22299	1.22299	1.30734
18557	2.53963	0	0	0
18558	2.3193	0.89668	0.89668	0.9079
18559	2.65893	0.95565	0.95565	1.0792
18560	2.621	0.8349	0.8349	0.82893
18561	2.6623	0.66075	0.66075	0.8651
18562	2.66341	0.78666	0.78666	0.90553
18563	2.68492	0.65612	0.65612	0.8582
18564	2.53932	0.91776	0.91776	0.93516
18565	2.86553	0.87354	0.87354	0.83685
18566	2.53314	0	0	0
18567	2.30472	0.80763	0.80763	0.76885
18568	2.38773	0.80757	0.80757	0.9452
18569	2.35427	0.10883	0.10883	0.17467
18570	2.48098	0.81172	0.81172	0.82255
18571	2.51202	0.96505	0.96505	1.01625
18572	2.51569	1.10245	1.10245	1.20707

18573	2.46507	0.95444	0.95444	1.02028
18574	2.47511	0.98961	0.98961	1.0761
18575	2.48215	1.09835	1.09835	1.15561
18576	2.50714	0.90403	0.90403	0.97151
18577	2.50167	1.01339	1.01339	1.15344
18578	2.44416	0.83948	0.83948	0.8569
18579	2.44337	0.9289	0.9289	0.98408
18580	2.3506	0	0	0
18581	2.57629	0	0	0
18582	2.5118	0.97236	0.97236	1.03094
18583	2.38924	0.89991	0.89991	0.91762
18584	2.38255	0.30239	0.30239	0.43985
18585	2.6456	1.13916	1.13916	1.27205
18586	2.57029	0.83665	0.83665	0.97353
18587	2.54674	0.74218	0.74218	0.85514
18588	2.50272	0	0	0
18589	2.71161	0.82305	0.82305	0.84442
18590	2.58865	0	0	0
18591	2.59352	0.12889	0.12889	0.17125
18592	2.52041	0.86231	0.86231	0.90681
18593	2.51639	0.89401	0.89401	0.94543
18594	2.45238	0	0	0
18595	2.45002	0.8432	0.8432	0.87382
18596	2.44779	0.39423	0.39423	0.64932
18597	2.44804	0.1521	0.1521	0.25055
18598	2.87429	1.26731	1.26731	1.25595
18599	2.86381	1.26693	1.26693	1.26645
18600	2.84523	1.25764	1.25764	1.14076
18601	2.52022	1.0249	1.0249	1.11021
18602	2.52089	1.01854	1.01854	1.14046
18603	2.61926	0.26875	0.26875	0.41384
18604	2.43978	0	0	0
18605	2.42885	1.03898	1.03898	1.14295
18606	2.42017	1.04331	1.04331	1.14214
18607	2.88726	0.81355	0.81355	0.82115
18608	2.97221	1.33236	1.33236	1.39431
18609	2.99315	1.33561	1.33561	1.42877
18610	3.0099	1.34622	1.34622	1.47172
18611	2.53344	0	0	0
18612	2.43641	1.03422	1.03422	1.14206
18613	2.43682	1.01765	1.01765	1.11184

18614	2.46297	0.82436	0.82436	0.82492
18615	2.46252	0.8803	0.8803	0.9057
18616	2.58705	1.00763	1.00763	1.11907
18617	2.58191	1.07274	1.07274	1.21588
18618	2.48855	0.38496	0.38496	0.58342
18619	2.36496	0.80277	0.80277	0.801
18620	2.76443	1.15853	1.15853	1.26767
18621	2.39994	0.50452	0.50452	0.66171
18622	2.34415	0.79681	0.79681	0.77968
18623	2.66859	0.75526	0.75526	0.77487
18624	2.67482	0	0	0
18625	2.54418	0	0	0
18626	2.61397	0.84855	0.84855	1.06004
18627	2.2975	0.96575	0.96575	1.00666
18628	2.6574	0	0	0
18629	2.42309	0.57985	0.57985	0.8069
18630	2.64821	0.23708	0.23708	0.34928
18631	2.65292	0.82693	0.82693	0.8538
18632	2.51779	1.06874	1.06874	1.16614
18633	2.51647	0.99195	0.99195	1.05187
18634	2.73214	1.03859	1.03859	1.09439
18635	2.74105	1.19175	1.19175	1.27754
18636	2.54982	1.05503	1.05503	1.12339
18637	2.70687	0.9885	0.9885	1.07951
18638	2.53681	0.40606	0.40606	0.75083
18639	2.52656	0.9524	0.9524	1.01125
18640	2.81165	1.10431	1.10431	1.17425
18641	2.81457	1.1085	1.1085	1.18312
18642	2.72136	0.92013	0.92013	1.04744
18643	2.3941	1.03221	1.03221	1.17125
18644	2.40608	0	0	0
18645	2.80467	0.89106	0.89106	0.95405
18646	2.47868	0.90145	0.90145	0.92046
18647	2.72821	0	0	0
18648	2.6714	1.07498	1.07498	1.1744
18649	2.67398	1.0709	1.0709	1.17891
18650	2.68308	1.06712	1.06712	1.19827
18651	2.68782	1.23025	1.23025	1.27991
18652	2.68658	1.23359	1.23359	1.29305
18653	2.67124	0.9396	0.9396	1.00092
18654	2.64089	0.47038	0.47038	0.58117

18655	2.64483	0.54701	0.54701	0.67192
18656	2.48193	0.75924	0.75924	0.96095
18657	2.47921	0.68282	0.68282	1.00968
18658	2.50733	0.96043	0.96043	1.1451
18659	2.55701	0.95105	0.95105	1.09321
18660	2.55613	0.98274	0.98274	1.1463
18661	2.556	0.991	0.991	1.15807
18662	2.6885	1.0871	1.0871	1.20492
18663	2.69403	0.94489	0.94489	1.02484
18664	2.6936	1.04634	1.04634	1.16235
18665	2.69404	1.00039	1.00039	1.29301
18666	2.40187	0.75151	0.75151	0.76562
18667	2.83873	1.45499	1.45499	0.79903
18668	2.53417	0	0	0
18669	2.66245	0.81043	0.81043	0.85895
18670	2.60785	0.82095	0.82095	0.8731
18671	2.59596	0.85133	0.85133	0.88462
18672	2.68017	1.00512	1.00512	1.2095
18673	2.76074	0.86099	0.86099	0.93476
18674	2.88662	1.13386	1.13386	1.23549
18675	2.8394	1.13714	1.13714	1.22497
18676	2.80092	1.09689	1.09689	1.25575
18677	2.79677	1.10082	1.10082	1.25654
18678	2.75586	1.31424	1.31424	1.33719
18679	2.73073	1.2467	1.2467	1.28946
18680	2.37031	0	0	0
18681	2.50838	0.82558	0.82558	0.82742
18682	2.6221	0.19189	0.19189	0.32728
18683	2.62865	0.86121	0.86121	0.87896
18684	2.62652	0.7498	0.7498	0.87301
18685	2.63845	1.1512	1.1512	1.10325
18686	2.61022	1.05967	1.05967	1.31089
18687	2.565	1.06212	1.06212	1.25335
18688	2.55608	0	0	0
18689	2.4714	1.0554	1.0554	1.14502
18690	2.57127	1.05864	1.05864	1.24428
18691	2.73475	1.13108	1.13108	1.28908
18692	2.75793	1.12608	1.12608	1.29662
18693	2.78452	1.054	1.054	1.1824
18694	2.41775	0.7537	0.7537	0.85009
18695	2.49365	0.83111	0.83111	0.87865

18696	2.49587	0.8849	0.8849	0.94602
18697	2.64466	0.87651	0.87651	0.92553
18698	2.66017	0.87287	0.87287	0.9254
18699	2.43863	0	0	0
18700	2.51654	1.08381	1.08381	1.18187
18701	2.49823	0.92906	0.92906	0.95953
18702	2.49115	0.9105	0.9105	0.9898
18703	2.48552	0	0	0
18704	2.8611	1.16406	1.16406	1.17874
18705	2.88959	1.35932	1.35932	1.37268
18706	2.87439	1.35912	1.35912	1.36575
18707	2.85892	1.35918	1.35918	1.36165
18708	2.49341	0.46559	0.46559	0.82981
18709	2.49678	0.7445	0.7445	0.80378
18710	2.49904	0.79865	0.79865	0.83054
18711	2.59136	0.18761	0.18761	0.30092
18712	2.64461	0.75204	0.75204	0.76549
18713	2.27014	0.79805	0.79805	0.7619
18714	2.37286	0.91817	0.91817	0.94656
18715	2.37299	0.86446	0.86446	0.87706
18716	2.62182	0.91282	0.91282	1.11932
18717	2.69708	1.01012	1.01012	1.05363
18718	2.70122	0.89593	0.89593	0.92351
18719	2.67128	1.05843	1.05843	1.09457
18720	2.67181	1.05402	1.05402	1.07608
18721	2.69284	1.05571	1.05571	1.12086
18722	2.50619	0	0	0
18723	2.68946	0.90327	0.90327	0.92289
18724	2.68673	1.00416	1.00416	1.04732
18725	2.6777	0.87022	0.87022	0.98229
18726	2.6056	0.96304	0.96304	1.07461
18727	2.60389	1.06357	1.06357	1.23181
18728	2.62294	1.06266	1.06266	1.24594
18729	2.61284	1.06521	1.06521	1.20492
18730	2.735	1.19024	1.19024	1.32663
18731	2.71324	1.2009	1.2009	1.3221
18732	2.66664	1.20666	1.20666	1.30119
18733	2.63717	1.23157	1.23157	1.31323
18734	2.49806	0	0	0
18735	2.37799	0	0	0
18736	2.70998	0.95545	0.95545	0.99102

18737	2.31629	0.98605	0.98605	1.01111
18738	2.58707	0.67373	0.67373	0.94719
18739	2.57024	0.92425	0.92425	0.9694
18740	2.51299	0.82546	0.82546	0.82231
18741	2.62462	0.93021	0.93021	1.00301
18742	2.75863	1.12968	1.12968	1.35558
18743	2.65386	0.92649	0.92649	1.18829
18744	2.65115	0.86922	0.86922	1.059
18745	2.6544	0.83876	0.83876	1.04551
18746	2.41437	0.99688	0.99688	1.05442
18747	2.42395	0.84002	0.84002	0.90627
18748	2.42364	0.88101	0.88101	0.97852
18749	2.48256	0.19632	0.19632	0.2848
18750	2.48432	0.85074	0.85074	0.87875
18751	2.44493	1.33735	1.33735	1.0819
18752	2.42938	0.89909	0.89909	0.93863
18753	2.79654	0.91145	0.91145	0.98149
18754	2.47283	0.79613	0.79613	0.80383
18755	2.72531	0	0	0
18756	2.71745	1.09069	1.09069	1.18007
18757	2.8255	0.7864	0.7864	0.95465
18758	2.85346	1.08491	1.08491	1.0994
18759	2.84976	1.23281	1.23281	1.20805
18760	2.50344	0.76507	0.76507	0.80181
18761	2.54336	0.94156	0.94156	1.01577
18762	2.53898	0.92341	0.92341	1.00055
18763	2.66126	0.86391	0.86391	0.935
18764	2.65285	0.96992	0.96992	1.03998
18765	2.65347	0.95639	0.95639	1.02944
18766	2.64678	0.94829	0.94829	1.06889
18767	2.66549	0.83187	0.83187	0.89942
18768	2.66489	0.55085	0.55085	0.70109
18769	2.59974	1.0877	1.0877	1.21981
18770	2.59514	1.09404	1.09404	1.22394
18771	2.58653	1.09709	1.09709	1.22357
18772	2.57866	1.0989	1.0989	1.20377
18773	2.48067	0.86736	0.86736	0.91022
18774	2.60864	0.75265	0.75265	0.76488
18775	2.81444	1.12655	1.12655	1.17654
18776	2.81164	0	0	0
18777	2.53708	1.09532	1.09532	1.23323

18778	2.54087	1.07582	1.07582	1.20854
18779	2.47936	0.82392	0.82392	0.82706
18780	2.49523	1.0024	1.0024	1.09394
18781	2.68609	0.73562	0.73562	0.85283
18782	2.52472	0.9455	0.9455	0.98304
18783	2.46684	0	0	0
18784	2.58968	0.58287	0.58287	0.78528
18785	2.47705	0	0	0
18786	2.77552	1.0526	1.0526	1.20905
18787	2.78898	1.17317	1.17317	1.23886
18788	2.80484	1.17124	1.17124	1.24734
18789	2.75448	0.32017	0.32017	0.48693
18790	2.75634	1.24277	1.24277	1.17297
18791	2.73521	1.24281	1.24281	1.15893
18792	2.55832	0	0	0
18793	2.66748	1.30423	1.30423	1.11643
18794	2.51984	0.86681	0.86681	0.91741
18795	2.2928	0.96063	0.96063	1.01867
18796	2.42407	0.75118	0.75118	0.77083
18797	2.6862	0.80804	0.80804	0.90244
18798	2.74083	0.96983	0.96983	1.01148
18799	2.73976	0.94718	0.94718	0.97918
18800	2.74143	0.91582	0.91582	0.94149
18801	2.67333	1.30521	1.30521	1.3169
18802	2.69054	1.3045	1.3045	1.27095
18803	2.71697	1.30687	1.30687	1.2073
18804	2.74608	1.06724	1.06724	1.2595
18805	2.64082	0.83788	0.83788	0.97852
18806	2.64144	0.86082	0.86082	0.91928
18807	2.63811	0.90471	0.90471	0.96235
18808	2.39333	0.81614	0.81614	0.81011
18809	2.37346	0.95518	0.95518	0.98902
18810	2.5542	0.92747	0.92747	1.00263
18811	2.66002	0.88916	0.88916	0.98132
18812	2.66	0.85033	0.85033	0.98731
18813	2.71462	1.12533	1.12533	1.27367
18814	2.70492	1.12361	1.12361	1.26932
18815	2.45592	0.81947	0.81947	0.83337
18816	2.54044	1.00879	1.00879	1.09465
18817	2.44142	1.00612	1.00612	1.07516
18818	2.62533	0.9209	0.9209	1.0418

18819	2.52383	0	0	0
18820	2.7054	0.96927	0.96927	1.08672
18821	2.71486	1.00368	1.00368	1.10171
18822	2.70846	0.96754	0.96754	0.98471
18823	2.55816	0.66102	0.66102	0.73873
18824	2.58121	0.74429	0.74429	0.79433
18825	2.5857	0.65483	0.65483	0.72656
18826	2.57779	0.46095	0.46095	0.64682
18827	2.70003	0.70269	0.70269	1.01775
18828	2.35681	0.05456	0.05456	0.07951
18829	2.36233	0	0	0
18830	2.76772	1.24814	1.24814	1.12211
18831	2.55121	0.92088	0.92088	0.98214
18832	2.5516	0.95229	0.95229	1.02472
18833	2.55467	0.95311	0.95311	1.01165
18834	2.65481	0.82367	0.82367	0.85808
18835	2.62568	0.80498	0.80498	1.11362
18836	2.48586	0.83273	0.83273	0.82575
18837	2.48953	0.96889	0.96889	1.06544
18838	2.53749	0.95364	0.95364	0.98239
18839	2.49439	0.97747	0.97747	1.03069
18840	2.49498	0.80232	0.80232	0.77689
18841	2.89592	1.10509	1.10509	1.1996
18842	2.89308	1.03185	1.03185	1.09863
18843	2.77547	0.96581	0.96581	1.08053
18844	2.78256	1.0623	1.0623	1.12521
18845	2.78266	1.06351	1.06351	1.13512
18846	2.74856	0.51037	0.51037	0.67923
18847	2.33914	0.85386	0.85386	0.86788
18848	2.53603	0.97892	0.97892	1.03925
18849	2.53543	1.01762	1.01762	1.08829
18850	2.44867	0.28237	0.28237	0.39683
18851	2.44796	0	0	0
18852	2.62028	0.79767	0.79767	0.59465
18853	2.7701	0.90553	0.90553	0.97406
18854	2.43129	0.9482	0.9482	1.03789
18855	2.31175	1.04084	1.04084	1.10151
18856	2.57258	0.88072	0.88072	0.91725
18857	2.5763	0.9341	0.9341	1.0194
18858	2.53385	0.57659	0.57659	0.86917
18859	2.65508	1.13945	1.13945	1.09503

18860	2.51831	0.74035	0.74035	0.71194
18861	2.6848	0.66829	0.66829	0.86074
18862	2.38357	0.90004	0.90004	0.88646
18863	2.69064	0.97573	0.97573	1.0928
18864	2.68661	1.0519	1.0519	1.19832
18865	2.68636	1.0678	1.0678	1.21879
18866	2.68644	1.07493	1.07493	1.22989
18867	2.68498	1.08324	1.08324	1.23312
18868	2.52531	0.8296	0.8296	0.83368
18869	2.68987	1.21037	1.21037	1.3179
18870	2.64206	1.01907	1.01907	1.26894
18871	2.59514	0.90466	0.90466	0.99298
18872	2.59406	0.85825	0.85825	0.95566
18873	2.66228	0.92575	0.92575	1.18934
18874	2.51539	0.88548	0.88548	0.88107
18875	2.96606	1.15187	1.15187	1.2985
18876	2.83853	0.52295	0.52295	0.78802
18877	2.58927	0.97869	0.97869	1.06056
18878	2.58869	1.04292	1.04292	1.15557
18879	2.34391	0	0	0
18880	2.43037	0.97737	0.97737	1.01898
18881	2.4366	0.94278	0.94278	0.9943
18882	2.47864	0.87046	0.87046	0.89722
18883	2.47555	0.75037	0.75037	0.97959
18884	2.38705	0.88582	0.88582	0.91914
18885	2.41325	0.51004	0.51004	0.71669
18886	2.57581	0.82684	0.82684	0.83854
18887	2.4754	0.5728	0.5728	0.73834
18888	2.45106	1.0642	1.0642	1.19418
18889	2.58941	0.9568	0.9568	1.09015
18890	2.51603	0.9536	0.9536	1.06505
18891	2.5158	0.81321	0.81321	0.90054
18892	2.4751	0.81617	0.81617	0.81913
18893	2.64885	0.74366	0.74366	0.96553
18894	2.47231	0	0	0
18895	2.4557	0.81616	0.81616	0.77562
18896	2.5841	0.52928	0.52928	0.98914
18897	2.59721	0.38063	0.38063	0.71197
18898	2.64547	0	0	0
18899	2.61831	0.8819	0.8819	0.89774
18900	2.44668	0.83574	0.83574	0.82838

18901	3.11012	1.46967	1.46967	1.38238
18902	2.94578	1.0398	1.0398	1.29463
18903	2.27434	0	0	0
18904	2.67244	0	0	0
18905	2.56392	1.06682	1.06682	1.25458
18906	2.59567	0.9301	0.9301	1.03242
18907	2.56627	0.96198	0.96198	1.07472
18908	2.3354	0.89645	0.89645	0.92458
18909	2.62922	0.68581	0.68581	0.77929
18910	2.44685	0.39162	0.39162	0.68261
18911	2.76717	1.30633	1.30633	1.28725
18912	2.84396	1.31348	1.31348	1.34097
18913	2.84113	1.31323	1.31323	1.33634
18914	2.85306	1.31389	1.31389	1.34824
18915	2.61503	0.43459	0.43459	0.54001
18916	2.53037	0.92374	0.92374	1.02782
18917	2.47797	0.86322	0.86322	0.9045
18918	2.46918	0.79481	0.79481	0.79002
18919	2.56765	0	0	0
18920	2.42517	1.01731	1.01731	1.09502
18921	2.25833	0	0	0
18922	2.59465	0	0	0
18923	2.36963	0.12582	0.12582	0.19929
18924	2.44605	0.92117	0.92117	0.96177
18925	2.53234	0.85473	0.85473	1.20513
18926	2.53964	0.88711	0.88711	1.20284
18927	2.53044	0.94053	0.94053	1.19098
18928	2.53604	0.97069	0.97069	1.19826
18929	2.54157	0.98484	0.98484	1.19696
18930	2.35673	0.79882	0.79882	0.77885
18931	2.43839	0	0	0
18932	2.44126	0.75116	0.75116	0.72597
18933	2.68641	0.57895	0.57895	0.86465
18934	2.68623	1.09176	1.09176	1.092
18935	2.76377	0.87871	0.87871	0.97034
18936	2.42888	0.9783	0.9783	1.04275
18937	2.42859	1.00071	1.00071	1.07745
18938	2.63303	0.85222	0.85222	0.89842
18939	2.67624	0.87567	0.87567	0.92013
18940	2.63745	0.8239	0.8239	0.85765
18941	2.72549	0.8014	0.8014	0.98913

18942	2.73441	0.92609	0.92609	1.03376
18943	2.70879	0.9326	0.9326	0.99716
18944	2.7102	1.27539	1.27539	1.26534
18945	2.71412	1.19162	1.19162	1.20876
18946	2.71081	1.18092	1.18092	1.19564
18947	2.70465	1.17706	1.17706	1.19579
18948	2.43167	1.0397	1.0397	1.11411
18949	2.59379	1.00196	1.00196	1.23205
18950	2.35277	0	0	0
18951	2.3398	0.82315	0.82315	0.796
18952	2.79398	1.06227	1.06227	1.21038
18953	2.79397	1.07107	1.07107	1.21785
18954	2.61818	0.48754	0.48754	0.71307
18955	2.38603	0.81066	0.81066	0.79146
18956	2.65476	1.01331	1.01331	1.18498
18957	2.65464	1.00159	1.00159	1.1666
18958	2.64486	0.86352	0.86352	0.89716
18959	2.65358	0.80858	0.80858	0.79898
18960	2.55111	0.84748	0.84748	0.88305
18961	2.41412	1.1533	1.1533	1.22088
18962	2.35337	0	0	0
18963	2.60047	0.91931	0.91931	0.99593
18964	2.60176	0.8147	0.8147	0.89716
18965	2.58468	0.87849	0.87849	0.88654
18966	2.467	0.80815	0.80815	0.82654
18967	2.54798	0.99562	0.99562	1.05397
18968	2.54634	1.02804	1.02804	1.09824
18969	2.58843	1.08778	1.08778	1.26439
18970	2.42046	0.86937	0.86937	0.88735
18971	2.4237	0.6019	0.6019	0.78423
18972	2.39462	0	0	0
18973	2.74493	1.02534	1.02534	1.13069
18974	2.44149	0.8816	0.8816	0.89429
18975	2.57367	0.54354	0.54354	0.77836
18976	2.5774	0.83075	0.83075	0.92878
18977	2.73166	1.10433	1.10433	1.16842
18978	2.58328	0.9792	0.9792	1.16941
18979	2.58369	0.94589	0.94589	1.16238
18980	2.72254	0.86986	0.86986	0.968
18981	2.66492	1.05759	1.05759	1.08861
18982	2.67103	1.05793	1.05793	1.13783

18983	2.66186	1.03927	1.03927	1.10811
18984	2.66602	1.05563	1.05563	1.15861
18985	2.64924	0.62426	0.62426	1.21183
18986	2.67006	0.95118	0.95118	1.11102
18987	2.58712	1.11004	1.11004	1.21056
18988	2.55618	0.83058	0.83058	0.84812
18989	2.53398	0.38746	0.38746	0.71059
18990	2.68631	0.99939	0.99939	1.16867
18991	2.68734	1.0157	1.0157	1.18274
18992	2.69379	1.25622	1.25622	1.29998
18993	2.65437	0.69295	0.69295	0.64356
18994	2.26936	0	0	0
18995	2.53105	0.94557	0.94557	0.99756
18996	2.36683	0.79704	0.79704	0.80256
18997	2.36092	0.85083	0.85083	0.87428
18998	2.46243	1.00725	1.00725	1.1073
18999	2.75762	1.39718	1.39718	0.88662
19000	2.58153	0.59046	0.59046	0.77219
19001	2.68024	1.08825	1.08825	1.1564
19002	2.79036	1.12943	1.12943	1.23868
19003	2.80737	1.12922	1.12922	1.28862
19004	2.80742	1.12356	1.12356	1.28259
19005	2.79859	1.00958	1.00958	1.03046
19006	2.80337	1.00146	1.00146	1.01414
19007	2.33336	0	0	0
19008	2.44785	0.94976	0.94976	1.02236
19009	2.52011	0.92528	0.92528	1.04139
19010	2.40017	0.24371	0.24371	0.40724
19011	2.52094	0.82246	0.82246	0.83908
19012	2.51134	0.87664	0.87664	0.87328
19013	2.78397	0.8865	0.8865	0.89299
19014	2.78562	0.97533	0.97533	1.03626
19015	2.78467	0.98036	0.98036	1.04249
19016	2.78365	1.00281	1.00281	1.08319
19017	2.7036	0.96432	0.96432	1.07147
19018	2.61026	0.89704	0.89704	0.99853
19019	2.39599	0.91675	0.91675	0.98205
19020	2.78887	0.81159	0.81159	0.89539
19021	2.55323	0.35066	0.35066	0.67736
19022	2.78348	0.83612	0.83612	0.86931
19023	2.62957	0.08936	0.08936	0.13038

19024	2.46515	1.04181	1.04181	1.09184
19025	2.74668	0.96947	0.96947	1.11256
19026	2.4526	0.80875	0.80875	0.81799
19027	2.64678	0.82864	0.82864	0.86944
19028	2.82617	1.31474	1.31474	1.30334
19029	2.85754	1.42731	1.42731	1.37249
19030	2.87016	1.4246	1.4246	1.33991
19031	2.89344	1.42543	1.42543	1.30765
19032	2.92703	1.42512	1.42512	1.31679
19033	2.54425	0.8989	0.8989	0.97645
19034	2.54611	0.84213	0.84213	1.02187
19035	2.60362	1.07129	1.07129	1.2151
19036	2.39012	0.79091	0.79091	0.7864
19037	2.68224	1.17042	1.17042	1.27502
19038	2.64274	1.14981	1.14981	1.20197
19039	2.87926	1.04461	1.04461	1.27199
19040	2.62527	0.87104	0.87104	0.93434
19041	2.76134	0.97063	0.97063	1.13571
19042	2.37985	0.9001	0.9001	0.94344
19043	2.37948	0.96447	0.96447	1.03635
19044	2.38019	0.98205	0.98205	1.06216
19045	2.23745	0.84775	0.84775	0.84303
19046	2.76932	1.18471	1.18471	1.32384
19047	2.31134	0.60409	0.60409	0.72155
19048	2.56847	0.81527	0.81527	0.8497
19049	2.56814	0.87059	0.87059	0.93518
19050	2.57449	0.9703	0.9703	1.00776
19051	2.65443	0	0	0
19052	2.60723	1.08101	1.08101	1.1255
19053	2.30881	0.97785	0.97785	1.04107
19054	2.47355	1.02356	1.02356	1.10646
19055	2.38278	0	0	0
19056	2.60638	0.93067	0.93067	1.11709
19057	2.45125	1.0424	1.0424	1.11604
19058	2.74066	0.8132	0.8132	0.94203
19059	2.62209	0.30814	0.30814	0.51813
19060	2.62481	0	0	0
19061	2.76322	1.02566	1.02566	1.16048
19062	2.77442	1.0197	1.0197	1.18955
19063	2.77959	1.00714	1.00714	1.17422
19064	2.7844	0.91274	0.91274	1.03797

19065	2.41435	0.89515	0.89515	0.93779
19066	2.5908	0.05639	0.05639	0.08445
19067	2.55184	0	0	0
19068	2.30169	0.46821	0.46821	0.78473
19069	2.32772	0.9282	0.9282	0.99656
19070	2.74172	0.95256	0.95256	0.98908
19071	2.74031	0.99124	0.99124	1.04922
19072	2.60433	1.04549	1.04549	1.09641
19073	2.60922	1.10525	1.10525	1.19162
19074	2.57086	1.06995	1.06995	1.13725
19075	2.57047	1.0659	1.0659	1.13414
19076	2.54216	0.14135	0.14135	0.26143
19077	2.58019	0	0	0
19078	2.47446	0.88457	0.88457	0.92442
19079	2.61849	0.82759	0.82759	0.85561
19080	2.76702	0.88359	0.88359	0.84977
19081	2.8106	0.89972	0.89972	0.98249
19082	2.81884	0.65809	0.65809	0.73441
19083	2.42468	0	0	0
19084	2.52615	0.61039	0.61039	0.70584
19085	2.46395	0.81867	0.81867	0.82498
19086	2.77066	0.99896	0.99896	1.08127
19087	2.77496	0.99439	0.99439	1.11174
19088	2.7838	0.98623	0.98623	1.10646
19089	2.51402	0.83672	0.83672	0.82429
19090	2.64096	1.0241	1.0241	1.25196
19091	2.54524	0.83566	0.83566	0.83266
19092	2.44707	0.95651	0.95651	1.09291
19093	2.5725	0.29622	0.29622	0.50412
19094	2.44152	0.87665	0.87665	0.98104
19095	2.44187	0.86991	0.86991	1.04761
19096	2.44076	0.8517	0.8517	1.04832
19097	2.50048	0.8284	0.8284	0.81628
19098	2.46897	0.94248	0.94248	1.04782
19099	2.46896	0.93619	0.93619	1.03621
19100	2.59006	0.96023	0.96023	1.00192
19101	2.35887	0.95853	0.95853	0.95867
19102	2.35978	0.80196	0.80196	0.69516
19103	2.32054	0.9579	0.9579	1.05051
19104	2.31977	0.90129	0.90129	0.99229
19105	2.41222	0.95711	0.95711	1.00632

19106	2.5222	0.89469	0.89469	0.99951
19107	2.39364	0.90382	0.90382	0.94476
19108	2.40079	1.00786	1.00786	1.06778
19109	2.72746	1.16292	1.16292	1.27215
19110	2.60388	0.54923	0.54923	0.81992
19111	2.62009	0.99494	0.99494	1.07996
19112	2.598	1.03736	1.03736	1.23995
19113	2.50227	0.95496	0.95496	1.00922
19114	2.58191	0.20644	0.20644	0.22779
19115	2.57638	0.6015	0.6015	0.71172
19116	2.46852	0.94599	0.94599	1.1904
19117	2.69385	1.00943	1.00943	1.09077
19118	2.6938	0.92124	0.92124	0.96676
19119	2.38917	1.00665	1.00665	1.06252
19120	2.3765	0.84813	0.84813	0.80986
19121	2.72907	1.07937	1.07937	1.1852
19122	2.73555	1.08742	1.08742	1.19776
19123	2.64182	0.7937	0.7937	1.03633
19124	2.60929	0.9183	0.9183	0.98116
19125	2.51343	0.8709	0.8709	0.91014
19126	2.59361	0.40047	0.40047	0.54472
19127	2.6011	0.90892	0.90892	0.9826
19128	2.72091	0.83369	0.83369	0.98275
19129	2.65329	0.94962	0.94962	1.03205
19130	2.4395	0.96064	0.96064	1.11506
19131	2.443	1.06255	1.06255	1.06103
19132	2.70794	1.03737	1.03737	1.2815
19133	2.70969	1.04458	1.04458	1.25236
19134	2.66742	1.06386	1.06386	1.24152
19135	2.67718	0.79545	0.79545	0.98549
19136	2.59446	0.73975	0.73975	1.10407
19137	2.67011	1.21764	1.21764	1.24049
19138	2.658	1.02852	1.02852	1.19984
19139	2.49818	0	0	0
19140	2.55564	0	0	0
19141	2.31921	0.90004	0.90004	0.89623
19142	2.75478	1.30535	1.30535	1.33043
19143	2.3353	0.84912	0.84912	0.86131
19144	2.57459	0.83351	0.83351	0.83504
19145	2.26609	0.58542	0.58542	0.84765
19146	2.51588	0.8303	0.8303	0.80656

19147	2.55196	0.93982	0.93982	0.97605
19148	2.61862	0.84679	0.84679	0.79024
19149	2.4949	1.00954	1.00954	1.06682
19150	2.49863	1.01025	1.01025	1.1655
19151	2.58679	0.97347	0.97347	1.04034
19152	2.58696	0.98088	0.98088	1.01721
19153	2.53522	0.75523	0.75523	0.73279
19154	2.45881	0.89445	0.89445	0.95851
19155	2.54431	0.81536	0.81536	0.84645
19156	2.60849	0.57854	0.57854	0.92091
19157	2.541	0.42743	0.42743	0.65655
19158	2.64411	0.11049	0.11049	0.14619
19159	2.6469	0	0	0
19160	2.53557	1.05199	1.05199	1.03559
19161	2.53683	1.05634	1.05634	1.04181
19162	2.65982	0.96848	0.96848	1.04245
19163	2.66431	0.8867	0.8867	0.9814
19164	2.44382	0	0	0
19165	2.67263	0.8156	0.8156	0.8661
19166	2.68671	0.37122	0.37122	0.56719
19167	2.45019	0.49	0.49	0.67167
19168	2.4722	0.75802	0.75802	0.7843
19169	2.29852	0	0	0
19170	2.57149	0	0	0
19171	2.59896	1.00722	1.00722	1.1039
19172	2.60226	0.94292	0.94292	1.00956
19173	2.86561	1.05396	1.05396	1.0533
19174	2.87251	1.20688	1.20688	1.27023
19175	2.86446	1.20741	1.20741	1.26018
19176	2.83439	1.21288	1.21288	1.25171
19177	2.54527	0.93592	0.93592	0.9746
19178	2.34762	0.31322	0.31322	0.51306
19179	2.38804	0.87217	0.87217	0.89121
19180	2.47236	0	0	0
19181	2.47921	0.84372	0.84372	0.88702
19182	2.67384	0.80825	0.80825	1.03385
19183	2.62926	0.83461	0.83461	1.02744
19184	2.43259	0.81062	0.81062	0.81056
19185	2.60353	0.73422	0.73422	0.84781
19186	2.6115	0.81036	0.81036	0.86831
19187	2.43021	0.83022	0.83022	0.83936

19188	2.51055	0.88044	0.88044	0.91169
19189	2.54194	0.91395	0.91395	0.98232
19190	2.47959	0.91937	0.91937	0.99914
19191	2.42637	0.79573	0.79573	0.76213
19192	3.04794	1.22082	1.22082	1.34961
19193	2.45544	0.99245	0.99245	1.05297
19194	2.69535	0.95729	0.95729	0.99927
19195	2.69599	0.9013	0.9013	0.926
19196	2.55555	0.98769	0.98769	1.0823
19197	2.43127	0.36332	0.36332	0.49527
19198	2.43195	0.87567	0.87567	0.87169
19199	2.51933	0	0	0
19200	2.45199	0	0	0
19201	2.65561	0.93971	0.93971	1.07478
19202	2.65758	0.39411	0.39411	0.66703
19203	2.57999	0.34942	0.34942	0.58195
19204	2.65897	0.82311	0.82311	0.88568
19205	2.73451	0.77899	0.77899	0.95774
19206	2.72353	0.89943	0.89943	0.9129
19207	2.31168	0.9153	0.9153	1.0045
19208	2.61642	0.79422	0.79422	0.80774
19209	2.66805	0.92216	0.92216	0.98053
19210	2.66628	0.97341	0.97341	1.05747
19211	2.57523	0.81351	0.81351	0.82984
19212	2.57493	0.75468	0.75468	0.77724
19213	2.54059	0.8529	0.8529	0.83214
19214	2.41507	1.04105	1.04105	1.15099
19215	2.4252	1.03438	1.03438	1.14721
19216	2.43973	1.01776	1.01776	1.12945
19217	2.45699	0.98002	0.98002	1.0761
19218	2.57752	1.11712	1.11712	1.25821
19219	2.57242	1.13958	1.13958	1.29323
19220	2.39782	0.97506	0.97506	1.01821
19221	2.61194	0	0	0
19222	2.59556	0.27387	0.27387	0.3878
19223	2.60843	1.09644	1.09644	1.30481
19224	2.5541	0.81427	0.81427	0.99414
19225	2.58176	0.84427	0.84427	1.04363
19226	2.7273	0.78292	0.78292	0.82317
19227	2.75247	0.99399	0.99399	1.04318
19228	2.75008	0.94764	0.94764	0.98153

19229	2.60519	0	0	0
19230	2.42341	0.79104	0.79104	1.0672
19231	2.40939	0.86487	0.86487	0.90261
19232	2.62288	1.05377	1.05377	1.09918
19233	2.46358	0.94106	0.94106	1.11987
19234	2.52268	0.74418	0.74418	0.77874
19235	2.87613	1.28607	1.28607	1.2322
19236	2.88485	1.30281	1.30281	1.29383
19237	2.87344	1.30291	1.30291	1.28015
19238	2.86762	1.30271	1.30271	1.27004
19239	2.86918	1.29875	1.29875	1.25449
19240	2.85768	1.29955	1.29955	1.26158
19241	2.83948	1.29527	1.29527	1.24055
19242	2.85916	1.30467	1.30467	1.29655
19243	2.8571	1.3047	1.3047	1.29764
19244	2.59787	0.82508	0.82508	0.86022
19245	2.60972	1.03713	1.03713	1.19625
19246	2.42706	0	0	0
19247	2.39142	1.04022	1.04022	1.0873
19248	2.47688	0.98614	0.98614	1.16137
19249	2.47702	0.94791	0.94791	1.13722
19250	2.47699	0.86653	0.86653	1.06809
19251	2.64436	0.93971	0.93971	1.07224
19252	2.44954	0.95654	0.95654	0.99999
19253	2.4495	1.0157	1.0157	1.08363
19254	2.62493	0.95139	0.95139	1.06729
19255	2.61242	0.80633	0.80633	0.90666
19256	2.53441	0.74489	0.74489	1.01896
19257	2.60822	0.94878	0.94878	0.89871
19258	2.61973	0.92767	0.92767	0.84147
19259	2.62466	0.99899	0.99899	1.07582
19260	2.65849	0.84084	0.84084	0.76382
19261	2.66211	0.97912	0.97912	1.06202
19262	2.40763	1.0195	1.0195	1.07456
19263	2.6736	1.00463	1.00463	1.10087
19264	2.67341	0.92439	0.92439	0.95669
19265	2.28421	0.79381	0.79381	0.76017
19266	2.27917	0.92051	0.92051	0.92954
19267	2.7485	0.89356	0.89356	0.95393
19268	2.7475	0.94686	0.94686	1.04013
19269	2.71332	0.96524	0.96524	1.02244

19270	2.48534	0.80862	0.80862	0.81816
19271	2.47528	0.80806	0.80806	0.81587
19272	2.63219	0.76543	0.76543	0.83249
19273	2.75573	0.96456	0.96456	1.106
19274	2.75655	0.96663	0.96663	1.09771
19275	2.55507	0.81223	0.81223	1.00223
19276	2.49017	0.58761	0.58761	0.88938
19277	2.48796	0.28743	0.28743	0.39462
19278	2.34483	0.8283	0.8283	1.18486
19279	2.58304	1.00675	1.00675	1.05274
19280	2.57789	1.00615	1.00615	1.07921
19281	2.53461	0	0	0
19282	2.46582	0.81386	0.81386	0.82678
19283	2.65736	0.98745	0.98745	1.19534
19284	2.50772	0	0	0
19285	2.91632	1.03032	1.03032	1.12544
19286	2.8934	1.19985	1.19985	1.26158
19287	2.87407	1.01008	1.01008	1.16063
19288	2.54739	0.9498	0.9498	1.00327
19289	2.54398	0.81751	0.81751	0.94615
19290	2.40234	0.24425	0.24425	0.3655
19291	2.44857	0	0	0
19292	2.33215	0.7333	0.7333	0.6258
19293	2.52473	0.93507	0.93507	0.96119
19294	2.39901	0.73678	0.73678	0.69881
19295	2.4296	0	0	0
19296	2.62178	0.81585	0.81585	0.86305
19297	2.69836	0.83829	0.83829	0.85046
19298	2.72776	1.17179	1.17179	1.25232
19299	2.45211	0.79742	0.79742	0.86561
19300	2.75642	1.20208	1.20208	1.33034
19301	2.73427	1.18909	1.18909	1.30779
19302	2.73425	1.18448	1.18448	1.30713
19303	2.73381	1.18358	1.18358	1.33436
19304	2.74297	1.18243	1.18243	1.33961
19305	2.74434	1.16786	1.16786	1.3242
19306	2.54871	0.83131	0.83131	0.84046
19307	2.72535	1.44967	1.44967	0.74771
19308	2.84721	1.45355	1.45355	0.62643
19309	2.77456	0.82806	0.82806	0.96573
19310	2.6757	0.72318	0.72318	0.86657

19311	2.67837	0.92065	0.92065	1.09395
19312	2.67395	1.02845	1.02845	1.14591
19313	2.62969	0.88079	0.88079	0.89686
19314	2.50954	0	0	0
19315	2.50042	1.05004	1.05004	1.16878
19316	2.49083	1.05197	1.05197	1.13818
19317	2.55539	0.76701	0.76701	0.85056
19318	2.35854	0.95832	0.95832	0.98429
19319	2.53404	1.09229	1.09229	1.15413
19320	2.54205	0.7465	0.7465	0.74999
19321	2.46433	1.04088	1.04088	1.13902
19322	2.46466	1.02699	1.02699	1.11875
19323	2.4691	1.00987	1.00987	1.09332
19324	2.36054	0.80926	0.80926	0.79237
19325	2.83847	1.33373	1.33373	1.30844
19326	2.84549	1.3309	1.3309	1.3137
19327	2.85142	1.32926	1.32926	1.32598
19328	2.80826	1.19723	1.19723	1.3646
19329	2.80586	1.19792	1.19792	1.36335
19330	2.62847	1.05053	1.05053	1.12302
19331	2.47445	0.73087	0.73087	0.66985
19332	2.59354	1.18036	1.18036	1.32288
19333	2.59358	1.16348	1.16348	1.29105
19334	2.44894	1.219	1.219	1.14583
19335	2.58478	0.37419	0.37419	0.5043
19336	2.62388	0.91982	0.91982	1.01914
19337	2.61264	0.81622	0.81622	0.91868
19338	2.41066	1.01469	1.01469	1.08192
19339	2.58048	0.96049	0.96049	1.2322
19340	2.58146	0.97956	0.97956	1.27073
19341	2.59036	0	0	0
19342	2.57018	1.00203	1.00203	1.04629
19343	2.57142	0.96948	0.96948	1.00603
19344	2.57009	0.95001	0.95001	0.98139
19345	2.57057	0.92442	0.92442	0.94949
19346	2.57004	0.88669	0.88669	0.90221
19347	2.57059	0.81308	0.81308	0.80917
19348	2.37545	0	0	0
19349	2.36031	0.89623	0.89623	0.91782
19350	2.6484	0.98195	0.98195	1.05164
19351	2.6427	0.99448	0.99448	1.06887

19352	2.44781	0.88455	0.88455	0.93408
19353	2.44312	0.89691	0.89691	0.96403
19354	2.61042	0.81464	0.81464	0.84112
19355	2.64557	1.27178	1.27178	1.23908
19356	2.64686	1.26888	1.26888	1.22258
19357	2.56655	1.05823	1.05823	1.20385
19358	2.60131	0.85146	0.85146	0.96656
19359	2.60729	0.76257	0.76257	0.74339
19360	2.66286	1.02048	1.02048	1.19306
19361	2.70718	0.85549	0.85549	0.87103
19362	2.7225	1.00196	1.00196	1.06458
19363	2.72066	1.07688	1.07688	1.1381
19364	2.71664	1.15025	1.15025	1.23374
19365	2.74636	1.13272	1.13272	1.19864
19366	2.32871	0.80777	0.80777	0.78863
19367	2.38526	0.74413	0.74413	1.0274
19368	2.41239	0	0	0
19369	2.35338	0.78384	0.78384	0.79456
19370	2.93345	1.26105	1.26105	1.41158
19371	2.9166	1.29185	1.29185	1.3743
19372	2.91758	1.29261	1.29261	1.35693
19373	2.59062	0	0	0
19374	2.61896	0.95706	0.95706	1.00091
19375	2.61571	0.91066	0.91066	0.94018
19376	2.61605	0.75511	0.75511	0.74072
19377	2.72479	0.83655	0.83655	0.85742
19378	2.42136	0.92437	0.92437	0.95198
19379	2.8565	0.93002	0.93002	1.11647
19380	2.82811	0.85453	0.85453	0.92101
19381	2.82586	1.04668	1.04668	1.13317
19382	2.80899	0.89091	0.89091	1.00848
19383	2.99943	1.34587	1.34587	1.46931
19384	2.9915	1.34825	1.34825	1.4712
19385	2.9959	1.3482	1.3482	1.47314
19386	2.98946	1.34925	1.34925	1.45798
19387	3.01732	1.35356	1.35356	1.48195
19388	3.01604	1.35271	1.35271	1.45626
19389	2.97001	1.35037	1.35037	1.34633
19390	2.98131	1.35378	1.35378	1.36117
19391	2.98729	1.35403	1.35403	1.35715
19392	2.8918	0.61813	0.61813	0.83967

19393	2.2831	0.93286	0.93286	0.95706
19394	2.58824	0	0	0
19395	2.52421	0.27745	0.27745	0.49143
19396	2.52871	0	0	0
19397	2.69335	1.12504	1.12504	1.26717
19398	2.66739	0.72011	0.72011	1.08577
19399	2.74682	1.12923	1.12923	1.2881
19400	2.55315	1.00327	1.00327	1.06808
19401	2.55577	0.98269	0.98269	1.04088
19402	2.5575	0.88954	0.88954	0.91493
19403	2.79371	0.88647	0.88647	1.16772
19404	2.52283	0.82933	0.82933	0.82906
19405	2.41305	0.9385	0.9385	1.01328
19406	2.41758	0.86563	0.86563	0.9023
19407	2.31305	1.02664	1.02664	1.09004
19408	2.46179	0.88774	0.88774	0.91831
19409	2.55141	0.83061	0.83061	0.82594
19410	2.5965	1.04145	1.04145	1.16016
19411	2.75956	1.2035	1.2035	1.22656
19412	2.75697	1.20168	1.20168	1.22555
19413	2.75154	0.84944	0.84944	0.86306
19414	2.52406	0	0	0
19415	2.36387	0.98062	0.98062	1.05577
19416	2.41297	0	0	0
19417	2.44692	0.68637	0.68637	1.16915
19418	2.48716	1.19688	1.19688	1.26033
19419	2.48146	1.19385	1.19385	1.25528
19420	2.48052	1.18139	1.18139	1.21559
19421	2.64256	0.9077	0.9077	1.10039
19422	2.6427	0.90674	0.90674	1.10806
19423	2.67209	0.88647	0.88647	1.08085
19424	2.62471	0.86757	0.86757	0.93165
19425	2.46225	0	0	0
19426	2.5626	0.80452	0.80452	0.99159
19427	2.67003	0.80175	0.80175	0.89623
19428	2.67563	0.69265	0.69265	0.83073
19429	2.49128	0.88058	0.88058	0.89913
19430	2.47635	0.86058	0.86058	0.86547
19431	2.4729	1.03815	1.03815	1.11887
19432	2.56921	1.05412	1.05412	1.17104
19433	2.79042	1.45916	1.45916	0.8464

19434	2.65987	1.42535	1.42535	0.81994
19435	2.67248	1.43025	1.43025	0.95147
19436	2.66527	1.42654	1.42654	0.69063
19437	2.50686	0.88213	0.88213	0.90229
19438	2.66096	0.79415	0.79415	0.85928
19439	2.45501	0.96124	0.96124	1.01038
19440	2.44262	0.8654	0.8654	0.90617
19441	2.61287	0.83429	0.83429	0.84064
19442	2.63892	1.23064	1.23064	1.25574
19443	2.72497	0	0	0
19444	2.75838	1.30253	1.30253	1.33204
19445	2.7442	1.19914	1.19914	1.26614
19446	2.74936	1.18907	1.18907	1.23307
19447	2.73236	1.18295	1.18295	1.20861
19448	2.36279	0.82289	0.82289	0.96845
19449	2.35692	0.93843	0.93843	1.04842
19450	2.34725	0.95065	0.95065	1.00526
19451	2.72618	0.83109	0.83109	0.88504
19452	2.72657	1.00045	1.00045	1.19447
19453	2.61677	0.88669	0.88669	0.83718
19454	2.61097	0.81555	0.81555	0.74137
19455	2.56374	0.86713	0.86713	0.92181
19456	2.76271	1.02778	1.02778	1.13107
19457	2.75987	0.99584	0.99584	1.08177
19458	2.7589	0.93837	0.93837	0.97125
19459	2.53589	1.00116	1.00116	1.11521
19460	2.59316	0	0	0
19461	2.50924	0.86819	0.86819	0.90953
19462	2.54374	0.94496	0.94496	1.14068
19463	2.46641	0.99815	0.99815	1.05955
19464	2.46904	0.97226	0.97226	1.02832
19465	2.81685	1.16457	1.16457	1.30191
19466	2.5126	0	0	0
19467	2.4487	0.93339	0.93339	1.01221
19468	2.53199	1.05746	1.05746	1.15627
19469	2.52896	0	0	0
19470	2.564	0.34651	0.34651	0.56413
19471	2.28212	0.85738	0.85738	1.1174
19472	2.52059	0.46825	0.46825	0.72889
19473	2.53167	0.41002	0.41002	0.5809
19474	2.30136	0.94434	0.94434	0.99524

19475	2.30155	0.96678	0.96678	1.03042
19476	2.66116	1.10947	1.10947	1.06372
19477	2.52312	0.97472	0.97472	1.02572
19478	2.5226	0.95007	0.95007	0.99507
19479	2.88239	1.03907	1.03907	1.27959
19480	2.88453	1.02018	1.02018	1.2758
19481	2.88913	1.00679	1.00679	1.2666
19482	2.57522	0	0	0
19483	2.65518	0.83285	0.83285	0.83159
19484	2.65124	0.79805	0.79805	0.88971
19485	2.46674	0.75479	0.75479	1.0438
19486	2.45843	0.50932	0.50932	0.86378
19487	2.36686	0.53673	0.53673	0.84191
19488	2.62831	0.83599	0.83599	0.83925
19489	2.71039	0.84291	0.84291	0.79208
19490	2.70114	1.19233	1.19233	1.05304
19491	2.72323	0.53616	0.53616	0.69076
19492	2.55084	0.75464	0.75464	0.79978
19493	2.2038	0.97479	0.97479	0.99646
19494	2.74633	1.14557	1.14557	1.25705
19495	2.7337	1.14825	1.14825	1.23898
19496	2.72179	1.17323	1.17323	1.26809
19497	2.71441	1.17394	1.17394	1.24857
19498	2.44921	0.8157	0.8157	0.92839
19499	2.61355	0.86775	0.86775	1.08516
19500	2.61871	0.8597	0.8597	1.07855
19501	2.60426	0.68559	0.68559	0.82249
19502	2.5659	1.25883	1.25883	1.22941
19503	2.59394	1.25913	1.25913	1.22803
19504	2.62	0.08757	0.08757	0.15208
19505	2.62607	0.75989	0.75989	0.75192
19506	2.53791	1.07742	1.07742	1.15789
19507	2.53638	1.08071	1.08071	1.15693
19508	2.76565	1.01821	1.01821	1.14679
19509	2.60026	0	0	0
19510	2.45496	0	0	0
19511	2.49555	0.81486	0.81486	0.82563
19512	2.66437	1.15398	1.15398	1.18363
19513	2.63981	0.86617	0.86617	0.96252
19514	2.4636	0.90107	0.90107	0.94595
19515	2.81765	0.9075	0.9075	1.01599

19516	2.80305	0.90344	0.90344	0.95327
19517	2.44311	0.74637	0.74637	0.75417
19518	2.6335	0.96759	0.96759	0.99369
19519	2.62459	0.66311	0.66311	0.98787
19520	2.64164	1.02007	1.02007	1.09959
19521	2.63886	0.98057	0.98057	1.09159
19522	2.63621	0.95075	0.95075	1.09053
19523	2.53828	0.67986	0.67986	1.07559
19524	2.38298	0.99839	0.99839	1.04424
19525	2.83695	1.00759	1.00759	1.11058
19526	2.83909	0.18226	0.18226	0.32469
19527	2.55476	0.82841	0.82841	0.83299
19528	2.61883	0.97893	0.97893	1.14292
19529	2.60741	0.87098	0.87098	0.83136
19530	2.54621	0.86169	0.86169	0.93001
19531	2.64541	0.87756	0.87756	0.94113
19532	2.64554	0.82289	0.82289	0.90963
19533	2.72192	0.91933	0.91933	1.11988
19534	2.63994	0.20551	0.20551	0.48912
19535	2.8241	1.18363	1.18363	1.25231
19536	2.48748	0.93478	0.93478	0.9964
19537	2.5148	0.88179	0.88179	0.78229
19538	2.54255	0.83197	0.83197	0.82808
19539	2.44404	0.86186	0.86186	0.87967
19540	2.44798	0.89369	0.89369	0.92568
19541	2.52042	1.09655	1.09655	1.22394
19542	2.55116	0.99142	0.99142	1.09298
19543	2.558	0.87673	0.87673	0.91544
19544	2.6103	0	0	0
19545	2.68142	1.09597	1.09597	1.13278
19546	2.6972	1.09967	1.09967	1.12189
19547	2.61713	0.50098	0.50098	0.74038
19548	2.61318	0.94194	0.94194	1.02555
19549	2.56641	1.09629	1.09629	1.14117
19550	2.56637	1.07152	1.07152	1.13532
19551	2.62177	1.06734	1.06734	1.16361
19552	2.4497	0.85443	0.85443	0.86769
19553	2.65713	0.94004	0.94004	0.96898
19554	2.38133	0.3348	0.3348	0.67227
19555	2.71836	0.98895	0.98895	1.05592
19556	2.48168	0.82301	0.82301	0.80641

19557	2.57423	0	0	0
19558	2.80013	1.17862	1.17862	1.34333
19559	2.67312	0.94015	0.94015	1.09323
19560	2.40735	0.95429	0.95429	1.1246
19561	2.61996	1.09589	1.09589	1.17843
19562	2.62911	1.18217	1.18217	1.29903
19563	2.35805	0.82315	0.82315	0.86795
19564	2.51799	0.81289	0.81289	0.82333
19565	2.57206	0.97039	0.97039	0.96529
19566	2.48581	0	0	0
19567	2.5091	0.86578	0.86578	0.91274
19568	2.41521	0.80278	0.80278	0.81565
19569	2.41503	0.93383	0.93383	1.0162
19570	2.84076	1.04145	1.04145	1.11355
19571	2.84145	1.0566	1.0566	1.13639
19572	2.83974	1.09533	1.09533	1.19581
19573	2.84891	1.26525	1.26525	1.26492
19574	2.83339	1.25734	1.25734	1.2345
19575	2.86139	1.26631	1.26631	1.26152
19576	2.86948	1.26638	1.26638	1.26553
19577	2.86962	1.26601	1.26601	1.26344
19578	2.86391	1.02384	1.02384	1.02247
19579	2.87396	0	0	0
19580	2.66565	0.80968	0.80968	0.8313
19581	2.66568	0.60705	0.60705	0.88629
19582	2.78246	0.99183	0.99183	1.0413
19583	2.39446	0.98448	0.98448	1.10213
19584	2.60371	0	0	0
19585	2.54817	0.80009	0.80009	0.84584
19586	2.51669	0.84058	0.84058	1.09359
19587	2.29746	0	0	0
19588	2.66845	0.93371	0.93371	1.03801
19589	2.66735	0.89171	0.89171	0.98814
19590	2.65622	0.87144	0.87144	0.9278
19591	2.62736	0.10894	0.10894	0.16082
19592	2.61306	0.87022	0.87022	0.92906
19593	2.5582	1.03106	1.03106	1.12496
19594	2.54071	0.99575	0.99575	1.07841
19595	2.66437	0.90074	0.90074	1.00206
19596	2.66676	0.81442	0.81442	0.86487
19597	2.50864	0.41858	0.41858	0.4946

19598	2.51089	0.99645	0.99645	0.98934
19599	2.62853	0.40659	0.40659	0.5865
19600	2.69623	0.82658	0.82658	0.86131
19601	2.56757	0.97936	0.97936	1.03969
19602	2.56653	1.00153	1.00153	1.09002
19603	2.56409	1.00865	1.00865	1.09621
19604	2.51325	0.30639	0.30639	0.39695
19605	2.56589	0	0	0
19606	2.5646	0	0	0
19607	2.56963	1.00595	1.00595	1.16138
19608	2.5765	0	0	0
19609	2.40471	0.4549	0.4549	0.678
19610	2.26372	0.3085	0.3085	0.42686
19611	2.6326	0	0	0
19612	2.64136	0.80944	0.80944	0.84267
19613	2.42879	0.90794	0.90794	0.93159
19614	2.42657	0	0	0
19615	2.36643	0.08636	0.08636	0.1256
19616	2.45895	1.08001	1.08001	1.0652
19617	2.45919	1.06785	1.06785	1.08238
19618	2.51407	1.04808	1.04808	1.10889
19619	2.43255	0.86852	0.86852	0.91916
19620	2.40957	0.37009	0.37009	0.61105
19621	2.51357	0.87504	0.87504	0.88963
19622	2.43496	0	0	0
19623	2.58827	0.91058	0.91058	1.1969
19624	2.67375	0.9695	0.9695	0.94591
19625	2.67778	0.75646	0.75646	0.74536
19626	2.67565	0.12902	0.12902	0.16869
19627	2.70036	0.93956	0.93956	0.93863
19628	2.69761	0.89367	0.89367	0.92335
19629	2.62377	1.23384	1.23384	1.29536
19630	2.63931	1.24472	1.24472	1.28666
19631	2.60117	1.02313	1.02313	1.10523
19632	2.74176	0.98886	0.98886	1.17294
19633	2.73099	1.00987	1.00987	1.19798
19634	2.73533	1.02644	1.02644	1.21529
19635	2.51943	1.0256	1.0256	1.11247
19636	2.46796	0.30137	0.30137	0.43672
19637	2.56406	0	0	0
19638	2.27007	0.86436	0.86436	0.85372

19639	2.576	0.83689	0.83689	0.88308
19640	2.62584	0.72098	0.72098	0.89891
19641	2.48765	1.22262	1.22262	1.15773
19642	2.47758	0	0	0
19643	2.49957	0.66698	0.66698	0.73113
19644	2.6099	0.8404	0.8404	0.8946
19645	2.53246	1.1096	1.1096	1.20928
19646	2.48857	0.77173	0.77173	0.88042
19647	2.54772	1.13691	1.13691	1.14376
19648	2.55952	1.16262	1.16262	1.18531
19649	2.49928	0	0	0
19650	2.64889	0.97072	0.97072	1.29414
19651	2.4631	0.36559	0.36559	0.56137
19652	2.49648	0.93997	0.93997	0.97998
19653	2.55141	1.15172	1.15172	1.18583
19654	2.51498	0.26428	0.26428	0.36369
19655	2.63994	0.55459	0.55459	0.87045
19656	2.67247	0.98585	0.98585	1.06141
19657	2.57249	0.85253	0.85253	0.8736
19658	2.57192	0.94231	0.94231	0.99283
19659	2.82024	1.24324	1.24324	1.28855
19660	2.81488	1.25283	1.25283	1.31982
19661	2.81166	1.25324	1.25324	1.31863
19662	2.80507	1.25468	1.25468	1.32
19663	2.79462	1.25528	1.25528	1.31649
19664	2.68659	0.66023	0.66023	0.89539
19665	2.47843	0.46163	0.46163	0.84142
19666	2.40337	0	0	0
19667	2.35987	0.2784	0.2784	0.42664
19668	2.36007	0.8227	0.8227	0.80667
19669	2.5331	0	0	0
19670	2.35254	0.89937	0.89937	0.91305
19671	2.34932	0.79277	0.79277	0.83406
19672	2.81023	1.06636	1.06636	1.15185
19673	2.8096	1.07497	1.07497	1.16981
19674	2.91423	1.33095	1.33095	1.30118
19675	2.89871	1.33157	1.33157	1.29249
19676	2.73134	1.08461	1.08461	1.25899
19677	2.73604	1.05751	1.05751	1.23043
19678	2.73528	1.04525	1.04525	1.22099
19679	2.75805	1.20124	1.20124	1.28014

19680	2.76444	1.21021	1.21021	1.35424
19681	2.75438	1.21234	1.21234	1.36993
19682	2.71911	1.15677	1.15677	1.25053
19683	2.73384	0.76328	0.76328	0.768
19684	2.6659	0.76939	0.76939	0.80173
19685	2.70395	1.01646	1.01646	1.08355
19686	2.71871	1.04817	1.04817	1.16016
19687	2.71644	1.05575	1.05575	1.16911
19688	2.71575	1.06265	1.06265	1.18452
19689	2.53924	1.04943	1.04943	1.11076
19690	2.5377	1.05334	1.05334	1.09637
19691	2.65014	0.73409	0.73409	0.96363
19692	2.40621	0	0	0
19693	2.80715	1.17868	1.17868	1.35284
19694	2.36897	0.72641	0.72641	1.04579
19695	2.6125	1.1169	1.1169	1.25784
19696	2.60125	1.09609	1.09609	1.17519
19697	2.83039	1.19342	1.19342	1.27908
19698	2.85581	1.19106	1.19106	1.28461
19699	2.8616	1.18192	1.18192	1.27336
19700	2.85956	1.18033	1.18033	1.2733
19701	2.86129	1.17661	1.17661	1.27044
19702	2.71007	0.9831	0.9831	1.12444
19703	2.59743	0.84884	0.84884	0.87987
19704	2.55578	1.01839	1.01839	1.10957
19705	2.54242	1.02712	1.02712	1.11052
19706	2.5889	0.25512	0.25512	0.36171
19707	2.61623	0.83148	0.83148	0.8507
19708	2.36445	0	0	0
19709	2.36688	0.85791	0.85791	0.83717
19710	2.36979	0.80497	0.80497	0.79228
19711	2.73056	0.66169	0.66169	0.58754
19712	2.8678	1.22609	1.22609	1.38066
19713	2.64049	0.82326	0.82326	0.87805
19714	2.61657	0.73778	0.73778	0.80129
19715	2.39876	0.81823	0.81823	0.80592
19716	2.37948	0.32617	0.32617	0.45864
19717	2.59841	0.7674	0.7674	0.88304
19718	2.53814	1.03054	1.03054	1.06759
19719	2.36395	0.74984	0.74984	0.85459
19720	2.363	0.62721	0.62721	0.80536

19721	2.597	0.86321	0.86321	0.90924
19722	2.40656	0.92703	0.92703	0.96248
19723	2.45239	0	0	0
19724	2.4282	0.12599	0.12599	0.17133
19725	2.2856	0.88957	0.88957	0.87623
19726	2.28693	0	0	0
19727	2.32085	0.72804	0.72804	0.71617
19728	2.51568	0.86154	0.86154	1.15494
19729	2.83315	0.97742	0.97742	1.10395
19730	2.82522	1.01442	1.01442	1.15306
19731	2.80597	1.04437	1.04437	1.19195
19732	2.80382	1.11267	1.11267	1.30697
19733	2.5593	1.03129	1.03129	1.04343
19734	2.59593	1.12296	1.12296	1.18851
19735	2.59412	1.12412	1.12412	1.19121
19736	2.58839	1.08417	1.08417	1.15322
19737	2.39442	0.81813	0.81813	0.76812
19738	2.73018	0.92566	0.92566	1.0514
19739	2.60468	0.82938	0.82938	0.84041
19740	2.60412	0.91747	0.91747	0.97188
19741	2.66328	1.10005	1.10005	1.20208
19742	2.58274	1.01229	1.01229	1.0578
19743	2.58537	0.82367	0.82367	0.78518
19744	2.54645	0.9485	0.9485	1.22537
19745	2.54501	0.94173	0.94173	1.23007
19746	2.50297	0.58758	0.58758	0.78079
19747	2.5947	0.82962	0.82962	0.90003
19748	2.50873	0.81847	0.81847	0.8289
19749	2.58743	0.89657	0.89657	1.01505
19750	2.48187	0.83955	0.83955	1.00259
19751	2.30138	0.99436	0.99436	1.09064
19752	2.29379	0.85382	0.85382	0.86032
19753	2.48891	0.98216	0.98216	1.0351
19754	2.48911	0.96989	0.96989	1.01848
19755	2.44579	0.896	0.896	0.95364
19756	2.38543	0.34299	0.34299	0.56745
19757	2.63443	0.97239	0.97239	1.03277
19758	2.63436	0.95981	0.95981	1.01732
19759	2.63424	0.84902	0.84902	0.89159
19760	2.71668	0.82598	0.82598	0.83953
19761	2.71609	0.91503	0.91503	0.96375

19762	2.57225	1.01849	1.01849	1.09905
19763	2.38748	0.90197	0.90197	0.92783
19764	2.71449	1.27797	1.27797	1.29536
19765	2.49583	0	0	0
19766	2.41631	0.8065	0.8065	0.82401
19767	2.94058	1.31071	1.31071	1.18743
19768	2.89946	1.19311	1.19311	1.17978
19769	2.77253	0.9088	0.9088	0.83733
19770	2.53055	0.95846	0.95846	1.01445
19771	2.42509	0.25516	0.25516	0.36415
19772	2.61977	1.09688	1.09688	1.11248
19773	2.61199	1.107	1.107	1.08894
19774	2.43084	0	0	0
19775	2.42816	0.82135	0.82135	0.79984
19776	2.60712	0	0	0
19777	2.60006	0.82725	0.82725	0.91795
19778	2.41637	0	0	0
19779	2.32671	0.72692	0.72692	0.71423
19780	2.28627	0.8849	0.8849	1.11686
19781	2.66064	0.81359	0.81359	0.77788
19782	2.70532	0.92115	0.92115	1.12291
19783	2.66169	1.02408	1.02408	1.1474
19784	2.79891	0.8646	0.8646	0.85132
19785	2.34934	0.81614	0.81614	0.83036
19786	2.80813	0.82871	0.82871	0.87508
19787	2.76601	0.47809	0.47809	0.72522
19788	2.75398	0.76115	0.76115	0.84295
19789	2.73961	0.50625	0.50625	0.76886
19790	2.74024	0.88173	0.88173	0.94778
19791	2.5554	0.86355	0.86355	0.94328
19792	2.60873	0	0	0
19793	2.44749	0.87971	0.87971	0.90326
19794	2.54431	0.53558	0.53558	0.76983
19795	2.68312	1.1441	1.1441	1.27639
19796	2.56226	1.06122	1.06122	1.157
19797	2.43406	0.81161	0.81161	0.8199
19798	2.43296	0.93912	0.93912	1.02895
19799	2.61306	0.96398	0.96398	1.03802
19800	2.43828	0	0	0
19801	2.74824	0.67223	0.67223	0.86919
19802	2.45476	0.86272	0.86272	0.93958

19803	2.44977	0.74677	0.74677	0.76952
19804	2.40592	1.0386	1.0386	1.11465
19805	2.59477	1.03298	1.03298	1.08944
19806	2.59598	1.03799	1.03799	1.0047
19807	2.6861	1.10768	1.10768	1.20541
19808	2.77283	0.92175	0.92175	0.97997
19809	2.82841	0.62922	0.62922	0.78479
19810	2.67457	1.07132	1.07132	1.13001
19811	2.67884	1.17922	1.17922	1.24547
19812	2.65978	0.81319	0.81319	1.03359
19813	2.61415	0.75856	0.75856	0.77604
19814	2.60489	1.04682	1.04682	1.0957
19815	2.5459	0.32274	0.32274	0.52679
19816	2.28741	0.94867	0.94867	0.9677
19817	2.8466	1.22319	1.22319	1.26213
19818	2.42449	0.90791	0.90791	0.91076
19819	2.47407	0.8269	0.8269	0.80925
19820	2.7333	1.15011	1.15011	1.31839
19821	2.72689	1.14475	1.14475	1.31135
19822	2.72678	1.14628	1.14628	1.31597
19823	2.25099	0	0	0
19824	2.38345	0	0	0
19825	2.46227	0.9015	0.9015	0.96667
19826	2.46034	0.93157	0.93157	1.01675
19827	2.73191	1.22573	1.22573	1.22696
19828	2.6749	0.83297	0.83297	0.9416
19829	2.69537	0.9008	0.9008	0.98585
19830	2.70105	1.00029	1.00029	1.06216
19831	2.77068	1.02371	1.02371	1.00388
19832	2.76439	1.06739	1.06739	1.08626
19833	2.7503	1.09067	1.09067	1.11991
19834	2.73723	1.09387	1.09387	1.09982
19835	2.7265	1.09792	1.09792	1.10035
19836	2.5259	0.86559	0.86559	1.00896
19837	2.36853	0.80738	0.80738	0.80188
19838	2.56931	0	0	0
19839	2.35925	0.82281	0.82281	0.81267
19840	2.67356	0.9294	0.9294	1.25773
19841	2.67934	0.96689	0.96689	1.26023
19842	2.30618	1.01971	1.01971	1.09261
19843	2.66973	0.90041	0.90041	1.13958

19844	2.45206	0.91057	0.91057	1.0476
19845	2.42933	0.73982	0.73982	0.79142
19846	2.86532	1.02322	1.02322	1.24062
19847	2.49679	1.05162	1.05162	1.0976
19848	2.44853	0.56361	0.56361	0.70125
19849	2.72482	1.19552	1.19552	1.21756
19850	2.46399	0.92321	0.92321	0.98471
19851	2.48005	0.56381	0.56381	0.81337
19852	3.1628	1.4701	1.4701	1.42463
19853	3.07789	1.46924	1.46924	1.37991
19854	2.74469	0.93516	0.93516	1.03238
19855	2.75569	0.88121	0.88121	1.05838
19856	2.75087	0.87036	0.87036	1.07722
19857	2.70875	1.20584	1.20584	1.26316
19858	2.70868	1.20331	1.20331	1.26812
19859	2.44767	0	0	0
19860	2.41948	0.86098	0.86098	0.88392
19861	2.76216	1.34777	1.34777	1.21024
19862	2.7844	1.34756	1.34756	1.21052
19863	2.77761	0.75686	0.75686	0.98392
19864	2.82499	1.05239	1.05239	1.16134
19865	2.8267	0.6869	0.6869	0.97489
19866	2.38387	0.79237	0.79237	0.80556
19867	2.55804	0.82385	0.82385	0.96202
19868	2.55633	0.35985	0.35985	0.46879
19869	2.52197	0.25169	0.25169	0.32638
19870	2.5872	0.81323	0.81323	0.84899
19871	2.45602	0.81401	0.81401	0.82448
19872	2.23417	0.99783	0.99783	1.03275
19873	2.40272	0.91282	0.91282	0.95908
19874	2.39835	0	0	0
19875	2.40678	0.79983	0.79983	0.80514
19876	2.61653	0.87792	0.87792	0.90127
19877	2.64041	0	0	0
19878	2.68359	0.74348	0.74348	0.95712
19879	2.44718	0.80745	0.80745	0.81636
19880	2.5311	1.0809	1.0809	1.19129
19881	2.42225	0.80098	0.80098	0.81645
19882	2.33068	0.81469	0.81469	0.76987
19883	2.54644	0.81201	0.81201	0.83994
19884	2.39144	0.81031	0.81031	0.79901

19885	2.39185	0.92872	0.92872	0.96453
19886	2.64089	0.44914	0.44914	0.56933
19887	2.63968	0.44738	0.44738	0.5437
19888	2.27334	0.88551	0.88551	0.89603
19889	2.2787	0	0	0
19890	2.48562	1.01557	1.01557	1.08653
19891	2.48515	0.9913	0.9913	1.04837
19892	2.49634	0.9875	0.9875	1.06329
19893	2.44804	0	0	0
19894	2.56366	0.83378	0.83378	0.83003
19895	2.44735	0.87675	0.87675	0.91433
19896	2.53758	1.00579	1.00579	1.15416
19897	2.55167	1.01743	1.01743	1.17412
19898	2.55609	1.02142	1.02142	1.15968
19899	2.72477	0	0	0
19900	2.74352	1.21183	1.21183	1.27093
19901	2.72432	1.18	1.18	1.21941
19902	2.58549	1.25447	1.25447	1.31931
19903	2.56732	1.25262	1.25262	1.24786
19904	2.48342	0.66951	0.66951	0.93005
19905	2.38081	0.10716	0.10716	0.16894
19906	2.38789	0.73154	0.73154	0.70667
19907	2.70747	0.93322	0.93322	1.01262
19908	2.65299	0.81764	0.81764	0.85883
19909	2.60445	1.09321	1.09321	1.15212
19910	2.3804	0.79487	0.79487	1.12327
19911	2.65789	0.81631	0.81631	0.85792
19912	2.65822	0.89945	0.89945	0.95074
19913	2.59719	0	0	0
19914	2.67381	1.10416	1.10416	1.28615
19915	2.67974	1.09202	1.09202	1.27654
19916	2.67459	1.04913	1.04913	1.21611
19917	2.68458	1.0356	1.0356	1.20378
19918	2.49764	0.94756	0.94756	1.10634
19919	2.49403	1.00811	1.00811	1.06335
19920	2.72322	0.82913	0.82913	0.78799
19921	2.4165	0.9083	0.9083	0.97541
19922	2.79709	1.36353	1.36353	1.31848
19923	2.81369	1.34989	1.34989	1.25904
19924	2.81423	0.82062	0.82062	0.98393
19925	2.81805	0.88181	0.88181	0.97064

19926	2.83289	1.09371	1.09371	1.10302
19927	2.83272	1.09501	1.09501	1.0939
19928	2.62268	0.96948	0.96948	1.04164
19929	2.93991	1.15742	1.15742	1.43201
19930	2.65488	0.83505	0.83505	0.84447
19931	2.41046	0.80268	0.80268	0.80159
19932	2.41433	0.80619	0.80619	0.81148
19933	2.49017	0.86859	0.86859	0.89985
19934	2.37467	0.85346	0.85346	0.86762
19935	2.38206	0.75769	0.75769	0.92385
19936	2.63122	0.28341	0.28341	0.45304
19937	2.66376	0.86683	0.86683	0.94742
19938	2.41993	0.9818	0.9818	1.11133
19939	2.52353	0	0	0
19940	2.52143	0.83385	0.83385	1.00824
19941	2.55392	0.81641	0.81641	0.87559
19942	2.55675	0.77949	0.77949	0.87883
19943	2.76185	0	0	0
19944	2.461	0.80507	0.80507	0.85858
19945	2.88556	1.35148	1.35148	1.27375
19946	2.88503	1.35147	1.35147	1.27341
19947	2.88033	1.3452	1.3452	1.22188
19948	2.87832	1.34514	1.34514	1.21157
19949	2.88326	1.29337	1.29337	0.96867
19950	2.90051	1.29382	1.29382	0.92392
19951	2.49975	0.83658	0.83658	1.01553
19952	2.49624	0.88367	0.88367	1.06723
19953	2.5547	1.0258	1.0258	1.17423
19954	2.45214	0.9328	0.9328	0.97392
19955	2.40464	0.19174	0.19174	0.28008
19956	2.60963	0.45827	0.45827	0.58074
19957	2.49179	0	0	0
19958	2.59848	0.99995	0.99995	1.20023
19959	2.42407	0.93041	0.93041	0.95371
19960	2.38301	1.02874	1.02874	1.08142
19961	2.4973	0.894	0.894	1.04183
19962	2.49793	0.9018	0.9018	1.05914
19963	2.49313	0.88514	0.88514	1.05057
19964	2.6907	1.03606	1.03606	0.9753
19965	2.68264	1.03164	1.03164	1.22059
19966	2.47198	0.49319	0.49319	0.65469

19967	2.51084	0.93928	0.93928	0.92198
19968	2.62843	0.9409	0.9409	0.98991
19969	2.62714	0.9179	0.9179	0.9561
19970	2.42965	0.99665	0.99665	1.06258
19971	2.40359	0.80741	0.80741	0.8118
19972	2.63506	0.19511	0.19511	0.28831
19973	2.63297	0.89728	0.89728	0.969
19974	2.60671	1.03368	1.03368	1.09791
19975	2.62054	1.20268	1.20268	1.33289
19976	2.77021	1.17334	1.17334	1.28919
19977	2.52269	0.76319	0.76319	0.94082
19978	2.63982	0	0	0
19979	2.36734	0	0	0
19980	2.65115	0.98932	0.98932	1.13834
19981	2.52819	0.86987	0.86987	0.91219
19982	2.4864	0.81447	0.81447	0.81298
19983	2.76443	0.92613	0.92613	0.98181
19984	2.76091	1.08177	1.08177	1.15178
19985	2.75314	1.09731	1.09731	1.16272
19986	2.35518	0	0	0
19987	2.39344	0.80896	0.80896	0.80748
19988	2.47636	0.81254	0.81254	0.91007
19989	2.46015	0.87306	0.87306	0.88444
19990	2.43866	0.81185	0.81185	1.04635
19991	2.6505	1.0361	1.0361	1.09443
19992	2.6489	1.11497	1.11497	1.10284
19993	2.45397	0.76925	0.76925	0.98195
19994	2.5638	0.94737	0.94737	1.20035
19995	2.41524	0.81789	0.81789	0.80635
19996	2.63805	0.83667	0.83667	0.84257
19997	2.65204	0	0	0
19998	2.51978	1.02376	1.02376	1.09142
19999	2.51755	1.04087	1.04087	1.10138
20000	2.49863	0.10907	0.10907	0.14696
20001	2.51156	0	0	0
20002	2.73936	0.96206	0.96206	0.99304
20003	2.76676	0.97537	0.97537	1.10589
20004	2.56319	0.88696	0.88696	0.92804
20005	2.73943	1.23808	1.23808	1.25861
20006	2.4795	0.86449	0.86449	0.92442
20007	2.60737	1.20306	1.20306	1.25966

20008	2.48031	1.20022	1.20022	1.16553
20009	2.37926	0.74828	0.74828	0.79124
20010	2.61596	0.21236	0.21236	0.26991
20011	2.65123	0	0	0
20012	2.37088	0	0	0
20013	2.71994	0.9261	0.9261	1.02736
20014	2.54882	0.74699	0.74699	0.95534
20015	2.7825	1.01282	1.01282	1.07442
20016	2.68146	0.96667	0.96667	1.0794
20017	2.38919	0	0	0
20018	2.69997	0.90021	0.90021	0.91826
20019	2.68756	0.70005	0.70005	0.62418
20020	2.42443	0	0	0
20021	2.76251	1.26689	1.26689	1.12236
20022	2.7429	1.22428	1.22428	1.32569
20023	2.6033	0.97711	0.97711	1.20259
20024	2.63368	0.8228	0.8228	0.85568
20025	2.72324	0.83349	0.83349	0.8598
20026	2.71735	0.83241	0.83241	0.85972
20027	2.44832	0.95022	0.95022	0.99527
20028	2.52717	0.82156	0.82156	0.83952
20029	2.52038	0.96686	0.96686	1.00645
20030	2.30916	0.98495	0.98495	1.03608
20031	2.31837	0.80311	0.80311	0.78831
20032	2.65869	1.1149	1.1149	1.07895
20033	2.6918	1.37049	1.37049	1.22441
20034	2.66105	0.88726	0.88726	0.91816
20035	2.59037	0.73683	0.73683	0.70906
20036	2.50092	0.82122	0.82122	0.82217
20037	2.69149	1.06288	1.06288	1.20412
20038	2.67591	1.05512	1.05512	1.16584
20039	2.59732	1.0783	1.0783	1.18382
20040	2.566	0.78682	0.78682	0.95529
20041	2.53325	0.975	0.975	1.09527
20042	2.53528	0.83216	0.83216	0.87406
20043	2.33228	0.92103	0.92103	0.94977
20044	2.3302	0.93864	0.93864	0.97301
20045	2.57191	0.82606	0.82606	1.02719
20046	2.39081	0.80247	0.80247	0.78974
20047	2.35011	1.06888	1.06888	1.10389
20048	2.34683	0.9376	0.9376	0.94825

20049	2.26141	0.83153	0.83153	0.91359
20050	2.25887	0	0	0
20051	2.39835	0	0	0
20052	2.45649	0.86	0.86	0.89114
20053	2.31061	0.05425	0.05425	0.30678
20054	2.33092	0.7895	0.7895	0.87617
20055	2.32985	0.73554	0.73554	0.79255
20056	2.59373	0.86348	0.86348	0.89793
20057	2.59736	0.86735	0.86735	0.89759
20058	2.78546	1.3418	1.3418	1.18824
20059	2.78066	1.34204	1.34204	1.18602
20060	2.54742	0	0	0
20061	2.30296	0.83411	0.83411	0.85578
20062	2.30303	0.72751	0.72751	0.69349
20063	2.45753	1.13094	1.13094	1.17955
20064	2.56333	0.91585	0.91585	0.9473
20065	2.5625	0.9564	0.9564	0.99876
20066	2.7056	0.92433	0.92433	1.07654
20067	2.91162	1.11408	1.11408	1.34615
20068	2.90676	1.11185	1.11185	1.34998
20069	2.92218	1.09383	1.09383	1.33593
20070	2.92604	1.11255	1.11255	1.38192
20071	2.91584	0.98392	0.98392	1.1691
20072	2.31596	0	0	0
20073	2.36413	0.82093	0.82093	0.79545
20074	2.40442	0.8175	0.8175	0.79636
20075	2.38426	0.93152	0.93152	0.9559
20076	2.44044	0.86297	0.86297	0.89547
20077	2.44207	0.80841	0.80841	0.81342
20078	2.83168	1.30966	1.30966	1.31685
20079	2.77849	0.94367	0.94367	1.17544
20080	2.75241	0.95875	0.95875	1.14797
20081	2.56744	0.82286	0.82286	0.99527
20082	2.47943	0.82768	0.82768	1.03073
20083	2.52934	0	0	0
20084	2.4649	0.80504	0.80504	0.82039
20085	2.36853	0.8097	0.8097	0.73777
20086	2.35625	0.82493	0.82493	0.86586
20087	2.74094	1.25139	1.25139	1.3168
20088	2.74299	1.26377	1.26377	1.36503
20089	2.72258	1.26466	1.26466	1.35748

20090	2.63503	0.99243	0.99243	1.15023
20091	2.74332	0.92099	0.92099	0.96274
20092	2.75475	0.99691	0.99691	1.03264
20093	2.74555	0.90687	0.90687	0.92621
20094	2.46961	0.82525	0.82525	0.81409
20095	2.44691	0.75533	0.75533	0.84023
20096	2.50489	0.79886	0.79886	0.80131
20097	2.67148	0	0	0
20098	2.47582	0	0	0
20099	2.8135	1.27897	1.27897	0.93331
20100	2.82015	1.27902	1.27902	1.15458
20101	2.43324	0.84825	0.84825	1.06919
20102	2.48485	0.87991	0.87991	0.89226
20103	2.53402	0.98512	0.98512	1.09039
20104	2.53189	0.81121	0.81121	0.80328
20105	2.31095	0	0	0
20106	2.40441	0.90268	0.90268	0.91093
20107	2.40451	0.87084	0.87084	0.8691
20108	2.6674	1.07065	1.07065	1.15761
20109	2.67011	1.07588	1.07588	1.15626
20110	2.61399	1.06169	1.06169	1.2125
20111	2.49142	0.82015	0.82015	1.0135
20112	2.46609	0.64879	0.64879	0.90383
20113	2.59931	0.94766	0.94766	0.92828
20114	2.61691	0.93504	0.93504	0.97249
20115	2.43296	0.75854	0.75854	0.91664
20116	2.49633	0.54236	0.54236	0.67636
20117	2.47244	1.0107	1.0107	1.07477
20118	2.47036	1.02732	1.02732	1.09859
20119	2.6946	0	0	0
20120	2.70368	0.76923	0.76923	0.76801
20121	2.58093	0.46336	0.46336	0.60294
20122	2.37387	0.77035	0.77035	1.04489
20123	2.59348	0	0	0
20124	2.37432	0.95403	0.95403	1.00148
20125	2.46525	0.83426	0.83426	0.90864
20126	2.41413	0.87474	0.87474	0.88631
20127	2.6546	1.17782	1.17782	1.27515
20128	2.66037	1.1949	1.1949	1.28735
20129	2.55925	1.06758	1.06758	1.17656
20130	2.53485	0.853	0.853	0.9363

20131	2.67659	0.84304	0.84304	0.87628
20132	2.67557	0.98654	0.98654	0.97328
20133	2.69802	0.99268	0.99268	1.05568
20134	2.69902	0.77719	0.77719	0.76432
20135	2.48441	0	0	0
20136	2.38445	0.26511	0.26511	0.47842
20137	2.53975	0.47912	0.47912	0.49531
20138	2.55524	0.75393	0.75393	0.80432
20139	2.52777	0.75767	0.75767	0.72686
20140	2.44437	0	0	0
20141	2.41558	0.18052	0.18052	0.24893
20142	2.48688	0.82265	0.82265	0.8215
20143	2.58566	0.764	0.764	0.80868
20144	2.48781	0.82087	0.82087	0.82516
20145	2.58473	1.0762	1.0762	1.12163
20146	2.48849	0.82188	0.82188	0.82083
20147	2.48592	0.9061	0.9061	0.95215
20148	2.4813	1.08887	1.08887	1.21476
20149	2.63683	0.8956	0.8956	0.93888
20150	2.48	0	0	0
20151	2.7418	0.77285	0.77285	1.0941
20152	2.55724	0.75812	0.75812	0.78906
20153	2.3822	0.83504	0.83504	0.88449
20154	2.43057	0.93375	0.93375	0.97134
20155	2.43136	0.96124	0.96124	1.00815
20156	2.42541	0.98745	0.98745	1.03577
20157	2.57342	0.99891	0.99891	1.04874
20158	2.26525	0.92624	0.92624	0.95884
20159	2.58172	0.94978	0.94978	1.01525
20160	2.92764	1.16975	1.16975	1.13904
20161	2.93317	1.1833	1.1833	1.19677
20162	3.08726	1.44157	1.44157	1.35931
20163	3.08629	1.44166	1.44166	1.35662
20164	3.08871	1.4428	1.4428	1.37397
20165	3.08475	1.44309	1.44309	1.35775
20166	2.63659	0.96088	0.96088	1.30243
20167	2.64454	1.00245	1.00245	1.30838
20168	2.61567	0.76744	0.76744	0.93733
20169	2.36907	0.86771	0.86771	0.87908
20170	2.28031	0.90963	0.90963	0.94207
20171	2.31277	0.97609	0.97609	1.00363

20172	2.83432	1.13375	1.13375	1.32725
20173	2.79954	1.04323	1.04323	1.08286
20174	2.83282	0.92576	0.92576	0.94902
20175	2.85244	0.9811	0.9811	1.0339
20176	2.91132	1.32884	1.32884	1.38636
20177	2.57802	0.95944	0.95944	1.0895
20178	2.58709	0.93356	0.93356	1.05725
20179	2.59136	0.89366	0.89366	0.9942
20180	2.5968	0.80764	0.80764	0.84822
20181	2.50206	0.80116	0.80116	0.792
20182	3.04735	0.76852	0.76852	0.75797
20183	3.05632	0.89112	0.89112	0.96476
20184	3.05443	0.95792	0.95792	1.02305
20185	2.97733	1.00527	1.00527	1.18448
20186	2.97577	1.0121	1.0121	1.18146
20187	2.75122	0.7291	0.7291	0.95522
20188	2.75057	0.8251	0.8251	0.89409
20189	2.42059	0.80113	0.80113	0.80013
20190	2.78779	1.03901	1.03901	1.12899
20191	2.80359	1.3654	1.3654	1.23664
20192	2.5498	0.88932	0.88932	0.89884
20193	2.44002	0	0	0
20194	2.44551	0.99153	0.99153	0.98089
20195	2.44496	0.98325	0.98325	1.14646
20196	2.43197	0.97015	0.97015	1.12844
20197	2.38274	0	0	0
20198	2.47945	0.92144	0.92144	0.96536
20199	2.44727	0.74827	0.74827	0.75159
20200	2.41822	0.41559	0.41559	0.53435
20201	2.66603	0.8406	0.8406	0.86232
20202	2.49302	0.81585	0.81585	0.84494
20203	2.57506	1.05213	1.05213	1.29486
20204	2.58371	0.82125	0.82125	0.8433
20205	2.39784	0.42233	0.42233	0.61683
20206	2.43266	0.95588	0.95588	0.99574
20207	2.43273	0	0	0
20208	2.67918	0.89371	0.89371	1.20638
20209	2.71795	0.82384	0.82384	0.95289
20210	2.47277	0.75759	0.75759	0.76895
20211	2.84791	0.76079	0.76079	0.65656
20212	2.63509	0.88787	0.88787	0.92527

20213	2.62888	0	0	0
20214	2.60165	0.19662	0.19662	0.2318
20215	2.60095	0.76344	0.76344	0.79156
20216	2.58065	0.79957	0.79957	0.73017
20217	2.45442	0.31624	0.31624	0.41635
20218	2.45366	0.79375	0.79375	1.0314
20219	2.36514	0.79389	0.79389	0.81373
20220	2.36474	0.91954	0.91954	0.94528
20221	2.6551	1.11417	1.11417	1.06813
20222	2.49694	0.83872	0.83872	0.88494
20223	2.47098	0.95113	0.95113	1.0836
20224	2.4669	0.91204	0.91204	0.99643
20225	2.4201	1.03214	1.03214	1.10799
20226	2.48207	1.04222	1.04222	1.06141
20227	2.46021	0	0	0
20228	2.40445	0.10799	0.10799	0.17634
20229	2.63295	0.16983	0.16983	0.26422
20230	2.71915	0.827	0.827	0.84652
20231	2.58023	0.19712	0.19712	0.33324
20232	2.64966	0.99488	0.99488	1.17306
20233	2.65767	0.95428	0.95428	1.11124
20234	2.57746	0.92165	0.92165	0.86895
20235	2.56668	0.91147	0.91147	0.92516
20236	2.5635	0.82846	0.82846	0.77323
20237	2.45646	0.31929	0.31929	0.28939
20238	2.45282	0.42425	0.42425	0.70429
20239	2.4285	0.77456	0.77456	0.81732
20240	2.85967	0.77255	0.77255	0.78498
20241	2.85913	1.09176	1.09176	1.23895
20242	2.42433	0.80852	0.80852	0.89041
20243	2.67608	0.98047	0.98047	1.07597
20244	2.61855	1.13447	1.13447	1.24765
20245	2.62116	1.10087	1.10087	1.19427
20246	2.62545	1.08688	1.08688	1.16877
20247	2.63158	0.96833	0.96833	1.02824
20248	2.51059	0.99084	0.99084	1.12517
20249	2.51297	0.87119	0.87119	0.93164
20250	2.52361	1.05177	1.05177	1.16302
20251	2.51409	1.07219	1.07219	1.20127
20252	2.55496	1.0517	1.0517	1.20418
20253	2.78878	1.26812	1.26812	1.09848

20254	2.74672	1.26564	1.26564	1.11906
20255	2.73635	0.81655	0.81655	0.88145
20256	2.85243	0.43864	0.43864	0.84159
20257	2.40975	0.85687	0.85687	0.88837
20258	2.577	0.92902	0.92902	1.23648
20259	2.56627	0.95347	0.95347	1.23386
20260	2.49835	0.64004	0.64004	0.80908
20261	2.51866	0.39883	0.39883	0.53964
20262	2.51436	1.02777	1.02777	1.02071
20263	2.51382	1.01733	1.01733	1.01448
20264	2.70337	1.18547	1.18547	1.30893
20265	2.57576	0.89605	0.89605	1.00659
20266	2.7718	0.89494	0.89494	0.96546
20267	2.76945	0.84728	0.84728	0.88371
20268	2.62405	0.99635	0.99635	0.98647
20269	2.71977	0.72448	0.72448	0.88917
20270	2.71837	1.01598	1.01598	1.24156
20271	2.68954	1.00527	1.00527	1.23288
20272	2.41584	0.56417	0.56417	0.78002
20273	2.69393	0.90815	0.90815	1.15215
20274	2.65345	0.56062	0.56062	0.73019
20275	2.60945	0.94008	0.94008	0.99912
20276	2.60766	0.95417	0.95417	1.01071
20277	2.57724	0.81354	0.81354	0.84507
20278	2.92646	1.14895	1.14895	1.29714
20279	2.60561	0.82671	0.82671	0.83649
20280	2.42255	0.80365	0.80365	0.81644
20281	2.67284	1.02355	1.02355	1.01535
20282	2.70129	1.0281	1.0281	1.13935
20283	2.67984	1.02039	1.02039	1.10138
20284	2.60133	0.82569	0.82569	0.82399
20285	2.47534	1.00146	1.00146	1.05946
20286	2.55221	0.91723	0.91723	0.96407
20287	2.80479	0.89712	0.89712	0.9605
20288	2.63196	1.1381	1.1381	1.27339
20289	2.63061	1.13948	1.13948	1.27395
20290	2.49661	0.95999	0.95999	1.00763
20291	2.49825	1.00329	1.00329	1.05408
20292	2.56725	1.07661	1.07661	1.17423
20293	2.72065	0.95714	0.95714	1.16521
20294	2.40618	0.86591	0.86591	0.88691

20295	2.54985	0.8202	0.8202	0.83699
20296	2.65343	0.93769	0.93769	1.04212
20297	2.64529	0.95196	0.95196	1.05597
20298	2.42885	0	0	0
20299	2.41102	1.0274	1.0274	1.09001
20300	2.3346	0.51319	0.51319	0.74017
20301	2.39355	0.80191	0.80191	0.80288
20302	2.39337	0.85662	0.85662	0.87704
20303	2.54447	0.9514	0.9514	0.97637
20304	2.54537	0.93355	0.93355	0.95402
20305	2.53793	0.82899	0.82899	0.84032
20306	2.38065	0	0	0
20307	2.50946	0.80889	0.80889	0.83726
20308	2.50761	0.91932	0.91932	0.99567
20309	2.47194	0	0	0
20310	2.41721	0.91683	0.91683	0.93851
20311	2.29809	0.3552	0.3552	0.49982
20312	2.31616	0	0	0
20313	2.62531	0.76535	0.76535	0.75683
20314	2.39086	0	0	0
20315	2.44289	1.12278	1.12278	1.17372
20316	2.4055	1.0711	1.0711	1.13705
20317	2.53133	0.98416	0.98416	1.05155
20318	2.53223	0.97471	0.97471	1.03907
20319	2.4449	0.88287	0.88287	0.89658
20320	2.56006	0.34984	0.34984	0.50919
20321	2.70024	1.03173	1.03173	1.20899
20322	2.69914	1.07777	1.07777	1.28902
20323	2.67733	1.08733	1.08733	1.29684
20324	2.68251	0.68187	0.68187	0.86417
20325	2.70143	1.14969	1.14969	1.24829
20326	2.61056	1.28051	1.28051	1.16343
20327	2.63966	1.28259	1.28259	1.25158
20328	2.44912	0.49842	0.49842	0.71025
20329	2.49265	0.8566	0.8566	0.9194
20330	2.78231	0.92653	0.92653	1.05186
20331	2.7334	0.53992	0.53992	0.86799
20332	2.35059	0.91794	0.91794	1.0101
20333	2.56658	0.81701	0.81701	0.83736
20334	2.53456	0	0	0
20335	2.60039	0	0	0

20336	2.49066	0.19734	0.19734	0.30164
20337	2.75863	0	0	0
20338	2.69787	0.86679	0.86679	0.83448
20339	2.56332	0.80158	0.80158	0.84943
20340	2.90632	0.84963	0.84963	1.09264
20341	2.90572	1.1136	1.1136	1.21511
20342	2.90779	1.10976	1.10976	1.20202
20343	2.38122	0.86553	0.86553	0.82857
20344	2.46322	0.89398	0.89398	0.92571
20345	2.5546	0	0	0
20346	2.37167	0.85514	0.85514	0.89197
20347	2.37055	0.87231	0.87231	0.90222
20348	2.55807	1.03282	1.03282	1.00106
20349	2.55456	1.02701	1.02701	1.03237
20350	2.53646	0.94274	0.94274	0.87539
20351	2.57606	1.00737	1.00737	1.10169
20352	2.49607	0.80504	0.80504	0.81654
20353	2.61041	0.45406	0.45406	0.67397
20354	2.68236	0.95983	0.95983	1.05554
20355	2.60237	1.09101	1.09101	1.25512
20356	2.6358	0.96625	0.96625	1.14933
20357	2.63069	0.92089	0.92089	1.0644
20358	2.40113	0.90796	0.90796	1.0152
20359	2.36171	0.12451	0.12451	0.16537
20360	2.7566	1.18288	1.18288	1.32582
20361	2.72838	1.07331	1.07331	1.20535
20362	2.48426	0	0	0
20363	2.41732	0.25294	0.25294	0.48497
20364	2.71057	0.8787	0.8787	1.03203
20365	2.71804	0.89317	0.89317	1.03256
20366	2.71222	0.90118	0.90118	1.01121
20367	2.70952	0	0	0
20368	2.49667	0.89329	0.89329	0.95184
20369	2.48938	0.8847	0.8847	0.86662
20370	2.41404	0	0	0
20371	2.68697	0.6762	0.6762	0.81821
20372	2.68579	0.85361	0.85361	0.86674
20373	2.69579	0.8971	0.8971	0.90835
20374	2.51942	0.89927	0.89927	0.99345
20375	2.79563	1.31702	1.31702	1.34188
20376	2.77723	1.13119	1.13119	1.22179

20377	2.57077	0.82821	0.82821	0.84814
20378	2.5873	0	0	0
20379	2.40194	0.45776	0.45776	0.63195
20380	2.47521	0.94535	0.94535	0.97065
20381	2.48157	0.25116	0.25116	0.33479
20382	2.51861	0	0	0
20383	2.55759	0.87132	0.87132	0.91467
20384	2.26881	0	0	0
20385	2.5982	1.00484	1.00484	1.17917
20386	2.4456	0.96049	0.96049	1.0244
20387	2.44605	0.75861	0.75861	0.93586
20388	2.38588	1.10875	1.10875	1.2407
20389	2.51987	0.91915	0.91915	0.9545
20390	2.50451	0.65971	0.65971	0.94624
20391	2.49218	0.82061	0.82061	0.82659
20392	2.84649	1.19646	1.19646	1.27529
20393	2.83984	1.20878	1.20878	1.29497
20394	2.85095	1.16364	1.16364	1.20568
20395	2.84293	1.16412	1.16412	1.20275
20396	2.54958	0	0	0
20397	2.6925	1.15076	1.15076	1.25056
20398	2.69035	1.13671	1.13671	1.21928
20399	2.68711	1.13652	1.13652	1.2231
20400	2.68362	1.13159	1.13159	1.20599
20401	2.51887	0.87865	0.87865	0.90141
20402	2.70586	0.81361	0.81361	0.87048
20403	2.37054	0.87092	0.87092	0.88061
20404	2.82756	1.11623	1.11623	1.26357
20405	2.43303	0.88433	0.88433	0.94657
20406	2.47448	0.53474	0.53474	0.65709
20407	2.76348	0.86858	0.86858	0.88609
20408	2.76473	0.87068	0.87068	0.90046
20409	2.62475	0.41585	0.41585	0.64752
20410	2.51255	0.74767	0.74767	0.82321
20411	2.51131	0.83052	0.83052	0.91997
20412	2.62375	0.80517	0.80517	1.11501
20413	2.62906	0.95441	0.95441	1.12724
20414	2.59991	0.87761	0.87761	0.92466
20415	2.48956	0	0	0
20416	2.53402	0	0	0
20417	2.77546	0.71093	0.71093	0.9989

20418	2.77125	0.69249	0.69249	1.00588
20419	2.86046	0.84066	0.84066	0.78972
20420	2.79895	0.69308	0.69308	0.79131
20421	2.79606	1.14472	1.14472	1.17455
20422	2.79371	1.14703	1.14703	1.16728
20423	2.9459	1.03653	1.03653	1.2577
20424	2.99823	1.11989	1.11989	1.38771
20425	2.71885	0.63592	0.63592	1.06459
20426	2.69064	0.82119	0.82119	0.86875
20427	2.68509	0.85212	0.85212	0.90815
20428	2.45927	0	0	0
20429	2.41385	0.92801	0.92801	0.89419
20430	2.62605	0.70791	0.70791	0.82146
20431	2.69979	1.12088	1.12088	1.2706
20432	2.69634	1.12291	1.12291	1.26784
20433	2.50824	0.87683	0.87683	0.90128
20434	2.67851	1.2677	1.2677	1.24244
20435	2.66877	1.26685	1.26685	1.22386
20436	2.4326	0.74536	0.74536	0.71395
20437	2.5235	0.64369	0.64369	0.86905
20438	2.52287	0.66184	0.66184	0.89021
20439	2.71242	1.08923	1.08923	1.23914
20440	2.7164	1.08648	1.08648	1.24431
20441	2.36911	0.86659	0.86659	0.91511
20442	2.62212	0.48424	0.48424	0.73449
20443	2.47989	0	0	0
20444	2.65941	0.86688	0.86688	1.15275
20445	2.66516	0.94962	0.94962	1.16467
20446	2.66379	0.94367	0.94367	0.9547
20447	2.6634	0.9936	0.9936	0.9601
20448	2.39255	0.74588	0.74588	0.71664
20449	2.84554	1.09391	1.09391	1.35552
20450	2.83171	1.08504	1.08504	1.35045
20451	2.82336	1.07838	1.07838	1.34881
20452	2.5512	0	0	0
20453	2.42017	0.93203	0.93203	0.97367
20454	2.29167	0.93879	0.93879	0.97507
20455	2.87373	0.9082	0.9082	1.0361
20456	2.70714	0.96255	0.96255	1.26444
20457	2.70565	1.01687	1.01687	1.28661
20458	2.70221	1.01333	1.01333	1.19833

20459	2.67385	0.83136	0.83136	0.70769
20460	2.71085	0.82742	0.82742	0.88266
20461	2.69585	0.76822	0.76822	0.77463
20462	2.68435	0.95277	0.95277	0.97442
20463	2.61763	0	0	0
20464	2.62341	0.93589	0.93589	1.09488
20465	2.6522	0.82586	0.82586	0.90224
20466	2.5164	0.98829	0.98829	0.98848
20467	2.60782	0.85029	0.85029	1.04454
20468	2.52506	0.81112	0.81112	0.8434
20469	2.34576	0	0	0
20470	2.34514	0	0	0
20471	2.70116	1.10034	1.10034	1.13798
20472	2.69076	1.10695	1.10695	1.26338
20473	2.65853	1.0169	1.0169	1.15347
20474	2.43013	0.90802	0.90802	0.92725
20475	2.43196	0.95262	0.95262	0.99837
20476	2.43249	0.97151	0.97151	1.01877
20477	2.52636	0	0	0
20478	2.68934	1.09913	1.09913	1.15846
20479	2.68358	1.0916	1.0916	1.15043
20480	2.79863	1.11093	1.11093	1.3483
20481	2.78535	1.11669	1.11669	1.3536
20482	2.77243	1.11837	1.11837	1.34632
20483	2.45121	0.86494	0.86494	0.88255
20484	2.45115	0.90826	0.90826	0.94529
20485	2.37457	0.80208	0.80208	0.89851
20486	2.43786	0.93287	0.93287	0.96779
20487	2.43907	0.83958	0.83958	0.84431
20488	2.38783	0.79461	0.79461	0.89646
20489	2.65904	0.98405	0.98405	1.27027
20490	2.6637	1.0155	1.0155	1.27698
20491	2.66707	1.04168	1.04168	1.28117
20492	2.62499	1.04691	1.04691	1.10328
20493	2.45922	0	0	0
20494	2.74955	0.92872	0.92872	1.10286
20495	2.59382	1.0268	1.0268	1.10448
20496	2.57826	1.03305	1.03305	1.09966
20497	2.37534	0.94474	0.94474	1.11419
20498	2.41436	0	0	0
20499	2.35107	0.24722	0.24722	0.37822

20500	2.68364	1.15574	1.15574	1.13825
20501	2.56151	0	0	0
20502	2.37562	0	0	0
20503	2.37641	0.83657	0.83657	0.84122
20504	2.3249	0	0	0
20505	2.34403	0.78036	0.78036	0.78451
20506	2.62494	0.94095	0.94095	0.94821
20507	2.62443	0.85089	0.85089	0.88264
20508	2.42881	0.82351	0.82351	0.81216
20509	2.57534	0.66639	0.66639	0.80601
20510	2.28174	0.80029	0.80029	0.77404
20511	2.50072	0.86886	0.86886	0.90885
20512	2.68843	0	0	0
20513	2.61696	0	0	0
20514	2.53388	0.94428	0.94428	1.05969
20515	2.53973	0.9367	0.9367	1.05463
20516	2.67702	1.11743	1.11743	1.19447
20517	2.67191	1.11281	1.11281	1.1821
20518	2.34558	0.18115	0.18115	0.2783
20519	2.35143	0	0	0
20520	2.58688	1.00049	1.00049	1.08449
20521	2.77127	1.08253	1.08253	1.2947
20522	2.53592	0.75457	0.75457	0.69761
20523	2.54981	0.48278	0.48278	0.72184
20524	2.58239	0.9304	0.9304	1.17343
20525	2.49976	0	0	0
20526	2.57804	0.99189	0.99189	1.11632
20527	2.62586	1.10077	1.10077	1.22724
20528	2.62541	1.06865	1.06865	1.2009
20529	2.59714	0.97924	0.97924	1.19709
20530	2.42663	0.83591	0.83591	0.87824
20531	2.59856	0.57907	0.57907	0.77268
20532	2.40537	0.95452	0.95452	1.07096
20533	2.40486	0.80095	0.80095	0.82972
20534	2.60061	0.82867	0.82867	0.84562
20535	2.62453	0.89549	0.89549	1.11193
20536	2.62373	0.92388	0.92388	1.11167
20537	2.63259	0.88536	0.88536	0.92818
20538	2.63673	1.01937	1.01937	1.28289
20539	2.63959	1.04303	1.04303	1.28719
20540	2.67359	1.04796	1.04796	1.30073

20541	2.75076	0.76163	0.76163	0.82889
20542	2.45054	0.97448	0.97448	0.97752
20543	2.4742	1.06398	1.06398	1.18263
20544	2.47632	0.88968	0.88968	1.00119
20545	2.47569	0.85696	0.85696	0.93769
20546	2.46385	0.96555	0.96555	0.99963
20547	2.39501	0.75178	0.75178	0.77083
20548	2.55071	0.82936	0.82936	0.91571
20549	2.54895	0.75844	0.75844	0.96088
20550	2.53131	0.39765	0.39765	0.70799
20551	2.61642	1.07652	1.07652	1.17718
20552	2.47947	0.95994	0.95994	1.01433
20553	2.48043	1.00025	1.00025	1.07954
20554	2.79926	1.08442	1.08442	1.113
20555	2.79014	1.10582	1.10582	1.1738
20556	2.36297	0.88399	0.88399	0.92637
20557	2.56814	0.81796	0.81796	0.84247
20558	2.551	0.85079	0.85079	0.82806
20559	2.39057	0.80734	0.80734	0.80522
20560	2.39003	0	0	0
20561	2.84308	1.1473	1.1473	1.2338
20562	2.84236	1.15039	1.15039	1.23667
20563	2.84055	1.16339	1.16339	1.25114
20564	2.91254	1.16082	1.16082	1.25977
20565	2.68791	0.92195	0.92195	0.99504
20566	2.61123	0.39688	0.39688	0.62343
20567	2.60849	0.87313	0.87313	0.91685
20568	2.60251	0.96207	0.96207	1.05737
20569	2.59972	0.99439	0.99439	1.10369
20570	2.63454	0.76738	0.76738	0.85298
20571	2.61234	1.02067	1.02067	1.14144
20572	2.42944	0	0	0
20573	2.63613	0.6675	0.6675	0.91464
20574	2.64442	0.66928	0.66928	0.91401
20575	2.63477	0.93396	0.93396	1.15249
20576	2.62744	0.8945	0.8945	1.1426
20577	2.96305	1.18494	1.18494	1.39043
20578	2.94953	1.19598	1.19598	1.39894
20579	2.93744	1.22266	1.22266	1.3855
20580	2.78123	0.57817	0.57817	0.89658
20581	2.56585	0.67773	0.67773	0.68272

20582	2.56786	0.98863	0.98863	1.05118
20583	2.56391	0.97124	0.97124	1.03198
20584	2.56311	0.89343	0.89343	0.96069
20585	2.88348	1.14546	1.14546	1.31331
20586	2.39997	0.86451	0.86451	0.88565
20587	2.39436	0.87369	0.87369	0.89197
20588	2.67625	0	0	0
20589	2.64107	0.1407	0.1407	0.21254
20590	2.54567	1.1132	1.1132	1.21028
20591	2.48411	0.36246	0.36246	0.62269
20592	2.34213	0.74517	0.74517	0.79141
20593	2.54208	0.16523	0.16523	0.25411
20594	2.36597	0.93746	0.93746	0.97956
20595	2.36835	0.86468	0.86468	0.87507
20596	2.27757	0.89667	0.89667	0.90398
20597	2.42706	0.97341	0.97341	1.048
20598	2.61658	1.24173	1.24173	1.23544
20599	2.43209	0.81851	0.81851	0.8174
20600	2.79782	0	0	0
20601	2.58097	0	0	0
20602	2.54886	0.53854	0.53854	0.82937
20603	2.68103	1.0783	1.0783	1.32233
20604	2.68129	1.07481	1.07481	1.32473
20605	2.57354	0.89629	0.89629	0.99998
20606	2.64332	1.00565	1.00565	1.12069
20607	2.46442	0.94891	0.94891	1.03629
20608	2.51919	0.82696	0.82696	0.83296
20609	2.55664	0.08687	0.08687	0.19886
20610	2.58915	0.87577	0.87577	0.88537
20611	2.53863	0.84689	0.84689	0.85846
20612	2.53417	0.92566	0.92566	0.96273
20613	2.51283	0	0	0
20614	2.3835	0.91795	0.91795	0.96624
20615	2.53083	0	0	0
20616	2.57143	0.81553	0.81553	0.85027
20617	2.47739	1.05275	1.05275	1.1248
20618	2.70849	0.39511	0.39511	0.60946
20619	2.79246	1.01343	1.01343	1.15038
20620	2.49443	0	0	0
20621	2.47317	0	0	0
20622	2.39686	0.79302	0.79302	1.05689

20623	2.40109	0.95382	0.95382	1.05936
20624	2.73603	1.21164	1.21164	1.33837
20625	2.51054	0.87716	0.87716	0.90934
20626	2.81123	1.35435	1.35435	0.9761
20627	2.38895	0.80678	0.80678	0.7435
20628	2.3877	0.99155	0.99155	1.04235
20629	2.46343	0.9503	0.9503	1.00144
20630	2.41286	0.97823	0.97823	1.00567
20631	2.4135	0.92334	0.92334	0.92824
20632	2.73772	0.43424	0.43424	0.65044
20633	2.73686	0.77764	0.77764	0.86796
20634	2.73444	1.05124	1.05124	1.15716
20635	2.73324	1.04807	1.04807	1.16157
20636	2.72159	1.0021	1.0021	1.06504
20637	2.47414	0.92976	0.92976	1.04795
20638	2.48145	0.93789	0.93789	1.04737
20639	2.99393	1.22652	1.22652	1.38104
20640	2.99147	1.22898	1.22898	1.38509
20641	2.98959	1.23377	1.23377	1.38619
20642	2.98709	1.23566	1.23566	1.38442
20643	2.98606	1.24935	1.24935	1.4029
20644	2.96934	1.25023	1.25023	1.38991
20645	2.95683	1.25155	1.25155	1.38301
20646	2.95411	0.90079	0.90079	1.28
20647	2.88977	0.89761	0.89761	1.26612
20648	2.37123	0	0	0
20649	2.47669	0.27295	0.27295	0.34921
20650	2.47556	0.78512	0.78512	0.82874
20651	2.48181	0.48562	0.48562	0.59072
20652	2.53739	0.91142	0.91142	0.95709
20653	2.5396	0.75728	0.75728	0.73224
20654	2.5774	0	0	0
20655	2.46477	0.97037	0.97037	1.03086
20656	2.46408	0.87273	0.87273	0.87689
20657	2.45735	0.84178	0.84178	0.84082
20658	2.57432	0.9362	0.9362	1.15744
20659	2.64848	1.09602	1.09602	1.26389
20660	2.70952	0	0	0
20661	2.7552	1.07665	1.07665	1.29207
20662	2.38993	0.82893	0.82893	0.85029
20663	2.39485	0.82086	0.82086	0.81133

20664	2.41192	0.80293	0.80293	0.80468
20665	2.68426	0.8165	0.8165	0.86512
20666	2.68213	0.87093	0.87093	0.94527
20667	2.86554	0.42364	0.42364	0.63994
20668	2.88173	0.84711	0.84711	0.89239
20669	2.64994	0.83082	0.83082	0.85631
20670	2.50557	0.44117	0.44117	0.66772
20671	2.50345	0.75478	0.75478	0.80827
20672	2.35455	1.06528	1.06528	1.13853
20673	2.37019	1.0264	1.0264	1.01422
20674	2.45618	0.22372	0.22372	0.3272
20675	2.47629	0.93733	0.93733	0.98864
20676	2.47648	0.82532	0.82532	0.82631
20677	2.51864	0	0	0
20678	2.60078	1.06664	1.06664	1.24442
20679	2.4065	0.78993	0.78993	0.82804
20680	2.40344	0.88788	0.88788	0.98001
20681	2.41466	1.04909	1.04909	1.13836
20682	2.41487	1.02025	1.02025	1.09844
20683	2.41575	0.91328	0.91328	0.95271
20684	2.41713	0.75735	0.75735	0.71661
20685	2.53618	0.25197	0.25197	0.3273
20686	2.53942	0.74487	0.74487	0.72413
20687	2.54072	0	0	0
20688	2.56434	0	0	0
20689	2.50175	1.10011	1.10011	1.23165
20690	2.44964	0.86307	0.86307	0.885
20691	2.34966	0.79943	0.79943	0.78289
20692	2.49555	0.93614	0.93614	0.98391
20693	2.49131	0.82356	0.82356	0.82179
20694	2.50325	0	0	0
20695	2.70336	0	0	0
20696	2.69073	0.93794	0.93794	0.9994
20697	2.68186	1.04699	1.04699	1.18719
20698	2.56745	0.83012	0.83012	0.83999
20699	2.70115	0.29664	0.29664	0.42325
20700	2.59236	1.01165	1.01165	1.0202
20701	2.5429	0.28643	0.28643	0.38748
20702	2.58824	0.85209	0.85209	1.0983
20703	2.654	0.92333	0.92333	0.9779
20704	2.25094	0	0	0

20705	2.45355	0	0	0
20706	2.57824	0.82639	0.82639	0.83335
20707	2.5725	0	0	0
20708	2.75033	1.03481	1.03481	1.23312
20709	2.46252	0.55125	0.55125	0.77249
20710	2.4434	0.74666	0.74666	0.79577
20711	2.27232	0.78708	0.78708	0.76553
20712	2.59787	0.88396	0.88396	0.90839
20713	2.50408	0.26444	0.26444	0.45966
20714	2.2805	0	0	0
20715	2.37252	0.98672	0.98672	1.01198
20716	2.57452	1.08697	1.08697	1.20683
20717	2.6052	0.90882	0.90882	0.94266
20718	2.41038	0.88376	0.88376	0.87811
20719	2.669	1.27707	1.27707	1.32241
20720	2.67249	1.28448	1.28448	1.32711
20721	2.67245	1.2851	1.2851	1.32681
20722	2.67366	1.3002	1.3002	1.34856
20723	2.67089	1.30152	1.30152	1.32875
20724	2.85199	1.19737	1.19737	1.39843
20725	2.87548	1.18877	1.18877	1.40021
20726	2.54406	0.95237	0.95237	1.04288
20727	2.36958	0.76138	0.76138	0.88028
20728	2.45192	0.87906	0.87906	0.85737
20729	2.46823	0.84813	0.84813	0.86768
20730	2.36347	0.84836	0.84836	0.89318
20731	2.45898	1.01529	1.01529	1.09142
20732	2.42674	0	0	0
20733	2.64069	1.04644	1.04644	1.06747
20734	2.41474	1.04552	1.04552	1.15018
20735	2.3655	0.37028	0.37028	0.56591
20736	2.26033	0.85313	0.85313	0.85493
20737	2.48124	0.42099	0.42099	0.63731
20738	2.54524	0.74501	0.74501	0.82947
20739	2.89873	1.08976	1.08976	1.42742
20740	2.88657	1.05917	1.05917	1.36522
20741	2.88023	1.04994	1.04994	1.34757
20742	2.88161	1.04141	1.04141	1.33506
20743	2.55841	0.83507	0.83507	0.83581
20744	2.52236	0.37652	0.37652	0.63793
20745	2.45319	0.87898	0.87898	0.88373

20746	2.34548	1.10857	1.10857	1.22447
20747	2.34667	1.09989	1.09989	1.21396
20748	2.4465	0.87377	0.87377	0.90353
20749	2.45743	0.94146	0.94146	0.97909
20750	2.45514	0.96163	0.96163	1.00432
20751	2.45296	1.00963	1.00963	1.07066
20752	2.48847	1.01225	1.01225	1.06548
20753	2.49526	1.01785	1.01785	1.07645
20754	2.65998	0	0	0
20755	2.64399	1.09274	1.09274	1.10175
20756	2.64108	1.08937	1.08937	1.09978
20757	2.5852	1.07354	1.07354	1.06559
20758	2.67567	0.88749	0.88749	0.90178
20759	2.51185	0.74898	0.74898	0.87206
20760	2.63306	0.81243	0.81243	0.78675
20761	2.44644	0.90516	0.90516	0.931
20762	2.44634	0.92779	0.92779	0.96267
20763	2.45855	0	0	0
20764	2.46803	1.09432	1.09432	1.22688
20765	2.64389	0.98671	0.98671	1.08099
20766	2.6995	0.99844	0.99844	1.09167
20767	2.35072	0.90441	0.90441	0.91467
20768	2.53846	0.97071	0.97071	1.06418
20769	2.25072	0	0	0
20770	2.56411	0.89404	0.89404	0.90335
20771	2.54115	1.03978	1.03978	1.09894
20772	2.64609	0.89609	0.89609	1.20812
20773	2.5326	1.10109	1.10109	1.21837
20774	2.74504	0.94221	0.94221	1.10073
20775	2.71566	0.87252	0.87252	1.05619
20776	2.71636	0.89533	0.89533	1.00944
20777	2.74705	1.28821	1.28821	1.31211
20778	2.7613	1.28836	1.28836	1.313
20779	2.79406	1.29015	1.29015	1.29057
20780	2.63406	0.95378	0.95378	0.93562
20781	2.56151	0	0	0
20782	2.82636	0.93064	0.93064	1.04625
20783	2.83699	0.92772	0.92772	1.04479
20784	2.6139	0	0	0
20785	2.63673	0.79779	0.79779	0.95701
20786	2.43364	0.87499	0.87499	0.87607

20787	2.42974	0.21373	0.21373	0.28499
20788	2.57582	0.83091	0.83091	0.84119
20789	2.59579	1.08893	1.08893	1.21348
20790	2.6011	1.15248	1.15248	1.29524
20791	2.47449	0	0	0
20792	2.66102	0.89488	0.89488	1.00729
20793	2.66541	0.80889	0.80889	0.86651
20794	2.4879	0.78354	0.78354	0.87286
20795	2.69939	0.87886	0.87886	0.84047
20796	2.6842	0.62299	0.62299	0.80371
20797	2.61263	0.87724	0.87724	0.9308
20798	2.61045	0.81161	0.81161	0.85587
20799	2.64997	1.16792	1.16792	1.23928
20800	2.64995	1.16648	1.16648	1.23848
20801	2.64865	1.1656	1.1656	1.25423
20802	2.64954	1.15323	1.15323	1.25045
20803	2.66071	1.15099	1.15099	1.25692
20804	2.37038	0.94464	0.94464	0.97552
20805	2.6411	0.94229	0.94229	1.07218
20806	2.47859	0.41838	0.41838	0.86773
20807	2.47955	0.81083	0.81083	0.95489
20808	2.50069	0.89973	0.89973	0.93789
20809	2.54231	0.66355	0.66355	0.88573
20810	2.52563	0	0	0
20811	2.68523	1.09171	1.09171	1.20245
20812	2.63019	1.12074	1.12074	1.21522
20813	2.59343	1.14681	1.14681	1.24213
20814	2.5832	1.14744	1.14744	1.21501
20815	2.57458	0.76508	0.76508	0.75352
20816	2.57241	0.87716	0.87716	0.90651
20817	2.60429	0.75496	0.75496	0.99651
20818	2.31861	0.24522	0.24522	0.37665
20819	2.35179	0	0	0
20820	2.4337	0.71696	0.71696	0.83632
20821	2.46437	0.74663	0.74663	0.72893
20822	2.50024	0.73148	0.73148	0.78248
20823	2.52902	0.82801	0.82801	0.81059
20824	2.666	0.80386	0.80386	0.86701
20825	2.72577	0.95585	0.95585	1.17347
20826	2.56869	0.82639	0.82639	0.8096
20827	2.55185	1.05023	1.05023	1.03219

20828	2.45791	0.24427	0.24427	0.35523
20829	2.54039	0.93336	0.93336	0.99348
20830	2.54237	0.8215	0.8215	0.8308
20831	2.47889	1.03801	1.03801	1.11509
20832	2.3396	0.85725	0.85725	0.81561
20833	2.66258	0.37733	0.37733	0.4852
20834	2.50219	1.01079	1.01079	1.09422
20835	2.45115	0.99879	0.99879	1.01538
20836	2.56196	1.0713	1.0713	1.25378
20837	2.38389	1.08717	1.08717	1.15723
20838	2.7796	0.91827	0.91827	0.99414
20839	2.81405	1.1591	1.1591	1.32749
20840	2.80265	1.15975	1.15975	1.30968
20841	2.79282	1.16313	1.16313	1.30752
20842	2.45769	0	0	0
20843	2.42784	0.25066	0.25066	0.39803
20844	2.66203	1.12529	1.12529	1.34036
20845	2.65642	1.14557	1.14557	1.35883
20846	2.39688	0.81558	0.81558	0.78919
20847	2.69898	1.0556	1.0556	1.23207
20848	2.4142	0.87453	0.87453	0.88583
20849	2.58913	0.87053	0.87053	1.19926
20850	2.69894	0.81628	0.81628	0.86695
20851	2.57029	0.50928	0.50928	0.79264
20852	2.4893	0.75047	0.75047	0.70965
20853	2.49093	0.80559	0.80559	0.79987
20854	2.57121	0.50047	0.50047	0.49235
20855	2.45986	0.95467	0.95467	1.01028
20856	2.57531	0	0	0
20857	2.50636	0.8048	0.8048	0.74222
20858	2.4293	0.7737	0.7737	0.97998
20859	2.47772	0	0	0
20860	2.37742	0	0	0
20861	2.51644	1.289	1.289	1.24009
20862	2.49777	1.12272	1.12272	1.1491
20863	2.45519	1.10318	1.10318	1.16604
20864	2.82982	1.33672	1.33672	1.30375
20865	2.75519	0.75924	0.75924	0.61031
20866	2.51283	0.4356	0.4356	0.59902
20867	2.56385	0	0	0
20868	2.59484	1.12314	1.12314	1.22245

20869	2.59516	1.16601	1.16601	1.31042
20870	2.58996	1.1665	1.1665	1.29381
20871	2.58989	0	0	0
20872	2.53231	1.0737	1.0737	1.16979
20873	2.3007	0.85543	0.85543	0.86498
20874	2.51815	0.29514	0.29514	0.37304
20875	2.60631	0.8354	0.8354	0.84625
20876	2.52321	1.02363	1.02363	1.12148
20877	2.58832	0.84096	0.84096	0.83806
20878	2.58919	0.81319	0.81319	0.88438
20879	2.41396	1.0182	1.0182	1.01188
20880	2.65119	0.82247	0.82247	0.96716
20881	2.4579	0.98747	0.98747	1.01428
20882	2.45865	0.93275	0.93275	0.9385
20883	2.50123	0.8618	0.8618	0.93549
20884	2.38332	0.05383	0.05383	0.09246
20885	2.40728	0	0	0
20886	2.3799	0.88805	0.88805	0.92185
20887	2.51828	1.0074	1.0074	1.08851
20888	2.52751	1.06502	1.06502	1.12344
20889	2.58565	0	0	0
20890	2.55759	0.91636	0.91636	1.10824
20891	2.45467	0.83799	0.83799	0.96776
20892	2.76372	1.01009	1.01009	0.98561
20893	2.26999	0	0	0
20894	2.64565	0.13004	0.13004	0.16404
20895	2.74761	0.22595	0.22595	0.28796
20896	2.74521	0.91756	0.91756	0.90629
20897	2.30506	0.80541	0.80541	0.73672
20898	2.61852	0.90512	0.90512	1.11527
20899	2.53386	0	0	0
20900	2.50683	0.82581	0.82581	0.8273
20901	2.43008	0	0	0
20902	2.54277	0.89579	0.89579	1.03246
20903	2.54313	0.75331	0.75331	0.76508
20904	2.58863	0.95576	0.95576	1.05942
20905	2.59494	1.09014	1.09014	1.16077
20906	2.62377	1.11593	1.11593	1.19776
20907	2.60334	0.82672	0.82672	0.86103
20908	2.64049	1.17401	1.17401	1.25156
20909	2.67542	0.84885	0.84885	0.94084

20910	2.66864	0.85769	0.85769	0.93354
20911	2.44188	0.86436	0.86436	0.90732
20912	2.58109	0.96915	0.96915	1.07031
20913	2.80038	0.35192	0.35192	0.50124
20914	2.76206	0.91241	0.91241	1.10919
20915	2.72909	0	0	0
20916	2.39597	0.89396	0.89396	0.92162
20917	2.37531	0.90875	0.90875	0.9248
20918	2.59621	0.76655	0.76655	0.81497
20919	2.58658	0	0	0
20920	2.53606	0.93616	0.93616	1.04412
20921	2.4126	0	0	0
20922	2.49718	0	0	0
20923	2.64644	0.76388	0.76388	0.75496
20924	2.46562	0.75455	0.75455	0.72643
20925	2.81168	1.32222	1.32222	1.29157
20926	2.81312	1.29896	1.29896	1.27159
20927	2.80005	1.30082	1.30082	1.30754
20928	2.51262	0	0	0
20929	2.69994	0.78934	0.78934	0.79295
20930	2.71299	0.68721	0.68721	0.90082
20931	2.73103	1.03893	1.03893	1.13725
20932	2.73185	1.01983	1.01983	1.10913
20933	2.46884	0.81666	0.81666	0.80896
20934	2.51775	0.95922	0.95922	1.02985
20935	2.65359	1.01122	1.01122	1.09406
20936	2.65355	0.97503	0.97503	1.04804
20937	2.65144	0.93719	0.93719	1.01117
20938	2.63954	0.97032	0.97032	1.07397
20939	2.63921	0.99545	0.99545	1.09477
20940	2.63887	1.01175	1.01175	1.1089
20941	2.63836	1.055	1.055	1.15019
20942	2.63074	1.0807	1.0807	1.20969
20943	2.35001	0	0	0
20944	2.4831	0.85962	0.85962	1.07765
20945	2.49171	0.94217	0.94217	1.03874
20946	2.44781	0.92896	0.92896	0.9807
20947	2.84655	1.35482	1.35482	0.95768
20948	2.7918	1.08561	1.08561	1.25079
20949	2.44406	0.97587	0.97587	1.09312
20950	2.59231	0.75209	0.75209	0.71831

20951	2.54048	0.88461	0.88461	0.91425
20952	2.32857	0.86298	0.86298	0.87114
20953	2.71311	1.07031	1.07031	1.19275
20954	2.7181	1.05662	1.05662	1.18807
20955	2.70901	0.98985	0.98985	1.03527
20956	2.48522	0.82589	0.82589	0.90123
20957	2.47828	0.62369	0.62369	0.85235
20958	2.54579	0.7512	0.7512	0.66055
20959	2.66157	0.5012	0.5012	0.73897
20960	2.4669	1.00936	1.00936	1.03238
20961	2.46455	0.81626	0.81626	0.78591
20962	2.6072	0	0	0
20963	2.46429	0	0	0
20964	2.54016	0.82708	0.82708	0.83947
20965	2.53706	0.88263	0.88263	0.91711
20966	2.50384	0	0	0
20967	2.57899	1.02875	1.02875	1.16193
20968	2.52601	0.87011	0.87011	0.83478
20969	3.01507	1.12211	1.12211	1.25405
20970	3.02456	1.02312	1.02312	1.29274
20971	2.51465	1.0487	1.0487	1.14148
20972	2.51384	1.03455	1.03455	1.11853
20973	2.61261	0.83285	0.83285	0.83454
20974	2.47233	0.87847	0.87847	0.94963
20975	2.58258	0.77045	0.77045	0.80244
20976	2.58191	0.78957	0.78957	0.78511
20977	2.64978	0.92057	0.92057	1.04296
20978	2.65106	0.52677	0.52677	0.72491
20979	2.41472	0.80503	0.80503	0.80193
20980	2.5786	0	0	0
20981	2.59474	0.99262	0.99262	1.09467
20982	2.59521	0.82215	0.82215	0.75606
20983	2.65706	0.8824	0.8824	0.96732
20984	2.54242	0.91547	0.91547	1.00024
20985	2.46938	0.69434	0.69434	0.94423
20986	2.72227	1.21592	1.21592	1.30892
20987	2.73956	1.10698	1.10698	1.28533
20988	2.29794	0	0	0
20989	2.56176	0.92334	0.92334	1.01682
20990	2.56113	0.98265	0.98265	1.08571
20991	2.28585	0.85223	0.85223	0.86294

20992	2.84125	1.35191	1.35191	1.28491
20993	2.84177	1.3521	1.3521	1.28758
20994	2.53137	1.00141	1.00141	1.10638
20995	2.68602	0.74906	0.74906	0.74379
20996	2.62727	1.08011	1.08011	1.23284
20997	2.61279	1.11019	1.11019	1.25611
20998	2.61789	1.11381	1.11381	1.25892
20999	2.58818	1.12458	1.12458	1.16117
21000	2.58258	1.11705	1.11705	1.15868
21001	2.69101	1.06925	1.06925	1.15599
21002	2.37038	0.7172	0.7172	1.04131
21003	2.37048	0.865	0.865	1.05407
21004	2.56455	0.92244	0.92244	0.97653
21005	2.43109	0.81005	0.81005	0.80488
21006	2.42848	0.86489	0.86489	0.88513
21007	2.42791	0.97049	0.97049	1.0293
21008	2.3112	0.85187	0.85187	0.88676
21009	2.63394	1.21362	1.21362	1.29469
21010	2.54872	0	0	0
21011	2.60091	0	0	0
21012	2.59976	0.82674	0.82674	0.85048
21013	2.3678	0.79099	0.79099	0.83317
21014	2.53389	1.02498	1.02498	1.10134
21015	2.53338	0.90079	0.90079	0.92684
21016	2.61876	0.83472	0.83472	0.84419
21017	2.74572	1.03051	1.03051	1.17139
21018	2.74373	0.94935	0.94935	1.05341
21019	2.56899	0.76692	0.76692	0.73693
21020	2.76311	0.7578	0.7578	1.06375
21021	2.80819	1.2134	1.2134	1.36716
21022	2.78493	0.96962	0.96962	0.97167
21023	2.70717	0.95627	0.95627	0.93821
21024	2.9463	0	0	0
21025	2.38687	0.83234	0.83234	0.80998
21026	2.59731	0.97031	0.97031	1.20325
21027	2.66655	1.1531	1.1531	1.21613
21028	2.6663	0.96201	0.96201	1.05853
21029	2.66779	0.75575	0.75575	0.78972
21030	2.50744	0.91566	0.91566	0.96575
21031	2.41459	0.86697	0.86697	0.90419
21032	2.33796	0.82184	0.82184	0.94333

21033	2.33684	0.79018	0.79018	0.89858
21034	2.50696	1.05597	1.05597	1.16332
21035	2.6732	1.02003	1.02003	1.12681
21036	2.53812	0.41818	0.41818	0.54931
21037	2.58514	0.95885	0.95885	1.11656
21038	2.41728	0.73965	0.73965	0.78335
21039	2.76417	0.88864	0.88864	1.00896
21040	2.77356	0.90776	0.90776	1.01581
21041	2.75378	0.74219	0.74219	0.77
21042	2.76118	0.79065	0.79065	0.82885
21043	2.51972	0.85224	0.85224	0.95029
21044	2.41171	0.81654	0.81654	0.80617
21045	2.61249	0	0	0
21046	2.5557	0.88381	0.88381	0.95894
21047	2.54822	0.93865	0.93865	1.03587
21048	2.69387	0	0	0
21049	2.69453	0.59479	0.59479	0.39984
21050	2.42695	0.53625	0.53625	0.73429
21051	2.61191	0.88467	0.88467	0.90999
21052	2.3977	0.9569	0.9569	1.05545
21053	2.35223	0.8984	0.8984	0.90905
21054	2.68593	0.83276	0.83276	0.83911
21055	2.68646	0.77653	0.77653	0.78686
21056	2.70322	1.04013	1.04013	1.08338
21057	2.66987	0.86618	0.86618	0.96197
21058	2.5646	0.91757	0.91757	0.955
21059	2.56426	0.93316	0.93316	0.98006
21060	2.52901	0.71352	0.71352	0.68468
21061	2.51797	0.18287	0.18287	0.23468
21062	2.51142	0.97368	0.97368	1.03531
21063	2.68591	1.01586	1.01586	1.13931
21064	2.4868	0.79846	0.79846	0.79913
21065	2.48668	0.75822	0.75822	0.75885
21066	2.73019	1.15537	1.15537	1.26015
21067	2.45034	0	0	0
21068	2.68367	0.91546	0.91546	1.14465
21069	2.49546	0.73593	0.73593	1.19344
21070	2.67554	0	0	0
21071	2.44133	0.74953	0.74953	0.72594
21072	2.44191	0.9616	0.9616	0.96326
21073	2.68123	1.00524	1.00524	1.07302

21074	2.59659	0.8445	0.8445	0.96873
21075	2.59764	0.74415	0.74415	0.98213
21076	2.59687	0.85027	0.85027	0.91469
21077	2.65425	0.84886	0.84886	1.02342
21078	2.66199	0.93928	0.93928	1.03823
21079	2.67078	0.97226	0.97226	1.04208
21080	2.6568	0.84155	0.84155	0.83595
21081	2.64026	0.77801	0.77801	0.96331
21082	2.4498	0.80328	0.80328	0.81592
21083	2.44446	0.87879	0.87879	0.95665
21084	2.40171	0.65908	0.65908	0.89534
21085	2.58267	0	0	0
21086	2.58589	1.00129	1.00129	1.08133
21087	2.55894	0	0	0
21088	2.62597	0.76594	0.76594	0.92913
21089	2.61496	0.85201	0.85201	0.85891
21090	2.53443	0.79975	0.79975	0.94184
21091	2.42405	0.10947	0.10947	0.31364
21092	2.34215	0	0	0
21093	2.4972	0.87835	0.87835	0.88748
21094	2.44734	0.55042	0.55042	0.66135
21095	2.471	0.72748	0.72748	0.86082
21096	2.49358	0	0	0
21097	2.41717	1.04744	1.04744	1.0454
21098	2.58749	0.92138	0.92138	0.97887
21099	2.43933	0.93164	0.93164	0.96142
21100	2.36969	0.29241	0.29241	0.41746
21101	2.55034	1.02635	1.02635	1.11622
21102	2.67494	0.88302	0.88302	0.9792
21103	2.64974	0.85931	0.85931	0.83508
21104	2.6396	1.10308	1.10308	1.13932
21105	2.37923	0	0	0
21106	2.93191	1.20206	1.20206	1.2963
21107	2.40263	0.80512	0.80512	0.80368
21108	2.74133	1.14502	1.14502	1.38234
21109	2.75667	1.15152	1.15152	1.28426
21110	2.76725	1.21301	1.21301	1.32674
21111	2.64054	0.70126	0.70126	0.80536
21112	2.49346	0.98184	0.98184	1.2315
21113	2.79219	1.07961	1.07961	1.11756
21114	2.65627	0.9378	0.9378	1.04703

21115	2.42161	0.96348	0.96348	1.07007
21116	2.80338	0.86454	0.86454	1.00418
21117	2.86701	1.11495	1.11495	1.31508
21118	2.86111	1.16207	1.16207	1.35754
21119	2.57287	0.87742	0.87742	0.89171
21120	2.54499	0	0	0
21121	2.47892	1.0885	1.0885	1.07769
21122	2.42458	0.28818	0.28818	0.39277
21123	2.41945	0.91445	0.91445	0.94625
21124	2.43938	0.91898	0.91898	0.99878
21125	2.32916	0	0	0
21126	2.33387	0	0	0
21127	2.54675	1.17745	1.17745	1.16766
21128	2.51899	0	0	0
21129	2.61772	0	0	0
21130	2.61514	0.85644	0.85644	0.91614
21131	2.63767	1.13552	1.13552	1.22954
21132	2.43315	0.73254	0.73254	0.62143
21133	2.44824	0.79503	0.79503	0.80881
21134	2.49924	0.96084	0.96084	1.03989
21135	2.60631	0.69627	0.69627	0.78377
21136	2.63441	1.0897	1.0897	1.17994
21137	2.63237	1.08424	1.08424	1.17857
21138	2.48016	0.8035	0.8035	0.81642
21139	2.55036	0.83441	0.83441	0.82697
21140	2.55197	0.96322	0.96322	0.99461
21141	2.4716	0.84336	0.84336	0.89271
21142	2.39443	0.86505	0.86505	0.89661
21143	2.47579	0.95309	0.95309	1.1651
21144	2.59689	0	0	0
21145	2.57316	0	0	0
21146	2.56707	0	0	0
21147	2.69788	0.91579	0.91579	0.98551
21148	2.70186	0.94108	0.94108	1.02215
21149	2.45621	0	0	0
21150	2.54004	0.88631	0.88631	1.13383
21151	2.3346	1.0827	1.0827	1.09658
21152	2.33091	1.07503	1.07503	1.09328
21153	2.47819	0.81814	0.81814	0.83094
21154	2.47618	0.93435	0.93435	1.01534
21155	2.45538	0.8012	0.8012	0.81761

21156	2.45843	0.3075	0.3075	0.50774
21157	2.49984	0.82436	0.82436	0.82082
21158	2.61259	0.91164	0.91164	1.01041
21159	2.83879	1.24741	1.24741	1.16583
21160	2.87952	1.24653	1.24653	1.22308
21161	2.88236	1.24487	1.24487	1.22301
21162	2.89725	1.24165	1.24165	1.25235
21163	2.49276	0.86331	0.86331	1.01199
21164	2.53261	1.16013	1.16013	1.27836
21165	2.54424	1.15618	1.15618	1.28965
21166	2.57466	0	0	0
21167	2.8572	0.77166	0.77166	0.78319
21168	2.81814	0.90992	0.90992	0.78294
21169	2.95581	0.74409	0.74409	0.97153
21170	2.88565	0.67116	0.67116	0.90493
21171	2.41855	0.90229	0.90229	0.9254
21172	2.66686	1.04371	1.04371	1.1389
21173	2.67453	1.0539	1.0539	1.15469
21174	2.67155	1.1765	1.1765	1.31638
21175	2.65961	1.183	1.183	1.30643
21176	2.65631	1.1838	1.1838	1.29953
21177	2.58655	0.94953	0.94953	1.02718
21178	2.58688	0.87723	0.87723	0.92146
21179	2.53481	0.81729	0.81729	0.83375
21180	2.64213	0.98309	0.98309	1.0208
21181	2.62477	1.00346	1.00346	1.04111
21182	2.45999	0.56016	0.56016	0.74164
21183	2.60894	1.13414	1.13414	1.16616
21184	2.59242	0.63733	0.63733	0.86611
21185	2.63743	0.98956	0.98956	1.06338
21186	2.63467	0.97683	0.97683	1.04597
21187	2.57501	1.06032	1.06032	1.16889
21188	2.85839	1.30466	1.30466	1.31839
21189	2.50972	0.82374	0.82374	0.82864
21190	2.4125	0.98824	0.98824	1.23482
21191	2.65241	0.92944	0.92944	1.02089
21192	2.64507	0.88799	0.88799	0.95245
21193	2.64546	1.0041	1.0041	1.11911
21194	2.40041	0	0	0
21195	2.4204	0.85837	0.85837	0.91286
21196	2.69525	0.90622	0.90622	0.98399

21197	2.52653	0.87516	0.87516	0.94254
21198	2.32595	0	0	0
21199	2.48002	0.87604	0.87604	0.90138
21200	2.59975	1.0014	1.0014	1.03583
21201	2.60074	1.01267	1.01267	1.04506
21202	2.60386	1.12324	1.12324	1.14811
21203	2.48628	0.65945	0.65945	0.95136
21204	2.59077	1.11989	1.11989	1.23606
21205	2.60061	1.11264	1.11264	1.23163
21206	2.60298	1.10466	1.10466	1.21772
21207	2.39902	0.81862	0.81862	0.80712
21208	2.66536	0	0	0
21209	2.52124	1.07243	1.07243	1.14836
21210	2.66471	0.88541	0.88541	0.92823
21211	2.66756	0.98548	0.98548	1.16749
21212	2.72367	1.08404	1.08404	1.16115
21213	2.74818	1.11977	1.11977	1.22446
21214	2.75173	1.11539	1.11539	1.22627
21215	2.73905	0.88525	0.88525	0.88899
21216	2.78479	0	0	0
21217	2.69186	0.05692	0.05692	0.08231
21218	2.46226	0.75003	0.75003	0.77158
21219	2.46196	0.89129	0.89129	0.92281
21220	2.49609	1.00933	1.00933	1.05158
21221	2.49953	1.00162	1.00162	1.05657
21222	2.50089	0.90031	0.90031	0.93295
21223	2.5076	0.81384	0.81384	0.83942
21224	2.62301	0.88734	0.88734	0.91466
21225	2.59232	0.81469	0.81469	0.851
21226	2.3259	0.86739	0.86739	0.91713
21227	2.53915	0.9255	0.9255	0.99716
21228	2.25927	0	0	0
21229	2.36374	1.07169	1.07169	1.12299
21230	2.39735	0.83741	0.83741	1.0585
21231	2.4635	0.31541	0.31541	0.49419
21232	2.44139	0	0	0
21233	2.93974	1.30087	1.30087	1.29803
21234	2.93447	1.29611	1.29611	1.26585
21235	2.93069	1.16037	1.16037	1.27127
21236	2.91939	1.29591	1.29591	1.31488
21237	2.92203	1.29617	1.29617	1.31929

21238	2.29367	0.89978	0.89978	0.90344
21239	2.41953	0.99777	0.99777	1.05675
21240	2.61931	1.08444	1.08444	1.12144
21241	2.61502	0.80264	0.80264	0.988
21242	2.60918	0.88541	0.88541	1.14205
21243	2.6262	0.85483	0.85483	0.89478
21244	2.6269	0.98535	0.98535	1.07125
21245	2.62214	1.20901	1.20901	1.2974
21246	2.57071	0.946	0.946	1.03059
21247	2.41618	0.87628	0.87628	0.88774
21248	2.63493	0.83896	0.83896	0.82445
21249	2.69518	0.89026	0.89026	0.94904
21250	2.62158	0.85575	0.85575	0.89084
21251	2.61841	0.9455	0.9455	1.00933
21252	2.61844	0.81846	0.81846	0.84582
21253	2.70586	0	0	0
21254	2.71709	1.01062	1.01062	1.24089
21255	2.66858	0.9388	0.9388	0.89267
21256	2.56029	0.64103	0.64103	0.95073
21257	2.56565	0.88608	0.88608	1.01484
21258	2.34519	0.9727	0.9727	1.04259
21259	2.31363	1.02645	1.02645	1.08217
21260	2.39056	0.98497	0.98497	1.03196
21261	2.50295	0.93923	0.93923	1.01546
21262	2.34605	0.74289	0.74289	1.00763
21263	2.3174	0.48832	0.48832	0.8208
21264	2.53058	0.86986	0.86986	1.10135
21265	2.37008	0.81205	0.81205	0.80043
21266	2.61332	0.85914	0.85914	1.09282
21267	2.61446	0.8355	0.8355	1.09857
21268	2.61279	0.72414	0.72414	1.08662
21269	2.64768	0.83069	0.83069	0.86003
21270	2.57825	0	0	0
21271	2.45666	0	0	0
21272	2.62849	1.02037	1.02037	1.19181
21273	2.42225	1.07339	1.07339	1.15834
21274	2.43004	1.06551	1.06551	1.15739
21275	2.43589	1.05676	1.05676	1.1508
21276	2.53957	0.96805	0.96805	1.08129
21277	2.5427	0.95205	0.95205	1.07999
21278	2.64932	0.98349	0.98349	1.03326

21279	2.5321	0.91771	0.91771	1.04346
21280	2.33556	0	0	0
21281	2.44804	0	0	0
21282	2.56901	0.73117	0.73117	1.09584
21283	2.61515	0.96557	0.96557	1.00909
21284	2.61356	1.00099	1.00099	1.05474
21285	2.61226	0.96665	0.96665	1.00719
21286	2.61779	0.93449	0.93449	0.9122
21287	2.56723	0	0	0
21288	2.51798	0.7517	0.7517	0.76618
21289	2.64353	0.86384	0.86384	0.94072
21290	2.31843	0.79672	0.79672	0.78376
21291	2.35294	0.20506	0.20506	0.34083
21292	2.49858	0.91802	0.91802	0.97604
21293	2.49087	0.94692	0.94692	0.99978
21294	2.52493	0.87563	0.87563	0.90801
21295	2.55988	0.30191	0.30191	0.50858
21296	2.60136	0.8899	0.8899	0.91186
21297	2.46597	0.87964	0.87964	0.89569
21298	2.42698	0.82159	0.82159	0.80108
21299	2.74179	1.22862	1.22862	1.27674
21300	2.74889	1.15558	1.15558	1.23172
21301	2.76559	1.16152	1.16152	1.24749
21302	2.76416	1.15934	1.15934	1.25641
21303	2.75802	1.15421	1.15421	1.25961
21304	2.51079	0.83192	0.83192	0.91383
21305	2.65203	0.76622	0.76622	0.75788
21306	2.63239	0.99213	0.99213	1.03182
21307	2.63241	0.96646	0.96646	1.0167
21308	2.63393	0.92535	0.92535	0.96327
21309	2.57067	0.9175	0.9175	0.99089
21310	2.95565	1.25845	1.25845	1.42815
21311	2.96055	1.25817	1.25817	1.43471
21312	2.99027	1.24787	1.24787	1.40428
21313	2.46789	0.8643	0.8643	0.93159
21314	2.5991	0.88801	0.88801	0.9224
21315	2.57058	0.52883	0.52883	0.79265
21316	2.24887	0.7916	0.7916	0.75948
21317	2.44889	0.86852	0.86852	0.89745
21318	2.44745	0.94127	0.94127	1.00336
21319	2.66644	0.51406	0.51406	0.7616

21320	2.37072	0	0	0
21321	2.37075	0.94868	0.94868	0.97777
21322	2.37048	0.84337	0.84337	0.83638
21323	2.3893	0.67444	0.67444	0.79592
21324	2.5531	1.01862	1.01862	1.07836
21325	2.54939	0.88656	0.88656	0.90504
21326	2.61941	0.86645	0.86645	0.95069
21327	2.44105	0.85351	0.85351	0.86563
21328	2.32864	0.81444	0.81444	0.78611
21329	2.58342	0.97241	0.97241	1.01939
21330	2.41062	0.80851	0.80851	0.99216
21331	2.63893	0.92013	0.92013	0.97331
21332	2.3495	1.06305	1.06305	1.09017
21333	2.39628	0	0	0
21334	2.6661	0.89265	0.89265	0.93602
21335	2.48354	0.81077	0.81077	0.90096
21336	2.49045	0.75806	0.75806	0.85561
21337	2.58415	1.05027	1.05027	1.06689
21338	2.47643	0	0	0
21339	2.4452	0	0	0
21340	2.46449	0.7761	0.7761	0.98214
21341	2.3718	0.89722	0.89722	0.92107
21342	2.58719	0.96276	0.96276	1.11533
21343	2.59217	1.00163	1.00163	1.11912
21344	2.62788	0.79985	0.79985	1.03654
21345	2.53239	0.99164	0.99164	1.08797
21346	2.62856	0.26125	0.26125	0.41338
21347	2.54922	0.97918	0.97918	1.07172
21348	2.57985	0.43352	0.43352	0.61953
21349	2.69065	1.10778	1.10778	1.20217
21350	2.69615	0.9323	0.9323	1.01379
21351	2.69133	0	0	0
21352	2.67272	0.98265	0.98265	0.97707
21353	2.52573	0.65739	0.65739	0.70145
21354	2.52649	0.90673	0.90673	0.95058
21355	2.52515	0.20411	0.20411	0.27875
21356	2.53316	0.86483	0.86483	0.88641
21357	2.77238	1.11007	1.11007	1.23418
21358	2.68439	1.01458	1.01458	1.12165
21359	2.68472	0.87238	0.87238	0.93488
21360	2.48987	0.84472	0.84472	0.87045

21361	2.49127	0.86719	0.86719	0.89225
21362	2.52766	0	0	0
21363	2.61161	0.86503	0.86503	0.94569
21364	2.52524	0	0	0
21365	2.47031	0.61263	0.61263	0.92116
21366	2.46968	0.90062	0.90062	0.97478
21367	2.96408	1.37291	1.37291	1.26508
21368	2.96831	1.3753	1.3753	1.28157
21369	2.97482	1.37578	1.37578	1.28797
21370	2.93469	1.37705	1.37705	1.20162
21371	2.47099	0.83654	0.83654	1.05749
21372	2.74093	1.11768	1.11768	1.31355
21373	2.74431	1.12874	1.12874	1.33235
21374	2.66235	0.85321	0.85321	0.9764
21375	2.69857	0.82386	0.82386	0.86001
21376	2.56498	1.08384	1.08384	1.24076
21377	2.58639	0	0	0
21378	2.3968	0.78483	0.78483	0.78406
21379	2.45655	0	0	0
21380	2.68342	1.04593	1.04593	1.18472
21381	2.68024	1.11425	1.11425	1.23362
21382	2.65186	0.97146	0.97146	1.12294
21383	2.31041	1.02952	1.02952	1.10431
21384	2.51497	0.82083	0.82083	0.82619
21385	2.39271	0.8448	0.8448	1.00872
21386	2.36607	0.79243	0.79243	0.76128
21387	2.68122	0.97797	0.97797	1.12643
21388	2.67889	0.93528	0.93528	1.1311
21389	2.45399	0.75008	0.75008	0.95278
21390	3.0357	1.46743	1.46743	1.29472
21391	3.01607	1.46675	1.46675	1.26291
21392	2.89716	1.20275	1.20275	1.17328
21393	2.65344	1.12008	1.12008	1.14992
21394	2.6596	1.12977	1.12977	1.16363
21395	2.56288	0	0	0
21396	2.44877	1.00394	1.00394	1.03737
21397	2.83331	1.16784	1.16784	1.31485
21398	2.82479	1.17101	1.17101	1.31537
21399	2.82029	1.24088	1.24088	1.25659
21400	2.7334	1.23952	1.23952	1.25363
21401	2.43402	0.87432	0.87432	0.95957

21402	2.72595	1.48191	1.48191	0.89068
21403	2.59619	0.83532	0.83532	0.85009
21404	2.68163	0.85365	0.85365	0.94085
21405	2.68883	0.81842	0.81842	0.98192
21406	2.46286	1.01473	1.01473	1.084
21407	2.72305	0.84436	0.84436	0.97457
21408	2.44027	0.08766	0.08766	0.12197
21409	2.47451	0.82487	0.82487	0.8181
21410	2.64532	1.04342	1.04342	1.10596
21411	2.64772	1.02215	1.02215	1.07219
21412	2.62039	0.9786	0.9786	1.09208
21413	2.40985	0.82377	0.82377	0.80203
21414	2.3836	0.85171	0.85171	0.75539
21415	2.66009	1.11716	1.11716	1.20574
21416	2.62252	0.88267	0.88267	0.84688
21417	2.32538	0	0	0
21418	2.35179	0	0	0
21419	2.46759	0.86971	0.86971	0.90289
21420	2.43163	0.17998	0.17998	0.26688
21421	2.52789	0.82937	0.82937	0.83914
21422	2.52925	0.98572	0.98572	1.09502
21423	2.32501	0.31673	0.31673	0.72773
21424	2.32992	0.80136	0.80136	0.7919
21425	2.71321	0.82325	0.82325	0.84246
21426	2.49886	0.97709	0.97709	1.02374
21427	3.10666	1.46935	1.46935	1.26436
21428	3.11373	1.47146	1.47146	1.33202
21429	3.10066	1.47094	1.47094	1.32098
21430	3.10893	1.4706	1.4706	1.32169
21431	3.1308	1.47094	1.47094	1.33239
21432	3.11351	1.46803	1.46803	1.31339
21433	2.60045	0.98118	0.98118	1.05363
21434	2.60121	0.88184	0.88184	0.92024
21435	2.55567	0.9421	0.9421	1.00607
21436	2.5525	0.88568	0.88568	0.92336
21437	2.44642	0.77312	0.77312	0.9274
21438	2.59739	0.94133	0.94133	1.11803
21439	2.59595	0.80158	0.80158	1.08374
21440	2.29143	0	0	0
21441	2.68877	0	0	0
21442	2.51348	0.95933	0.95933	1.02842

21443	2.49921	0.93078	0.93078	0.95282
21444	2.9518	0.54182	0.54182	1.05209
21445	2.98625	1.20396	1.20396	1.45678
21446	2.43237	0	0	0
21447	2.65276	1.05798	1.05798	1.19683
21448	2.73659	1.02169	1.02169	1.30949
21449	2.7066	0.97903	0.97903	1.04714
21450	2.56408	0.87823	0.87823	0.94356
21451	2.5534	0.92681	0.92681	0.98482
21452	2.48526	0.79151	0.79151	0.89782
21453	2.49731	0.75391	0.75391	0.91293
21454	2.49804	0.93214	0.93214	1.0288
21455	2.81811	1.12128	1.12128	1.35036
21456	2.70535	0.92785	0.92785	0.93921
21457	2.79512	1.16942	1.16942	1.25525
21458	2.80079	1.16241	1.16241	1.25322
21459	2.63362	0.54526	0.54526	0.71149
21460	2.43942	0.8878	0.8878	1.12065
21461	2.42054	1.00359	1.00359	1.0544
21462	2.41719	0.99559	0.99559	1.03749
21463	2.41724	0.91579	0.91579	0.93215
21464	2.59408	1.06148	1.06148	1.17861
21465	2.5929	1.07765	1.07765	1.20056
21466	2.55705	0	0	0
21467	2.49601	0.25311	0.25311	0.38464
21468	2.44385	0.81091	0.81091	0.80986
21469	2.35741	0.92881	0.92881	0.97014
21470	2.65263	0.81844	0.81844	0.96872
21471	2.43699	0.87478	0.87478	1.1315
21472	2.39244	0.79889	0.79889	0.79368
21473	2.39313	0.74423	0.74423	0.71892
21474	2.62107	1.13474	1.13474	1.15747
21475	2.6529	1.13414	1.13414	1.19993
21476	2.63369	1.09743	1.09743	1.26809
21477	2.64527	1.0386	1.0386	1.24702
21478	2.64092	0.80984	0.80984	0.82866
21479	2.64995	1.01768	1.01768	1.05343
21480	2.70626	1.07983	1.07983	1.13397
21481	2.65921	0.83284	0.83284	1.02702
21482	2.36208	0.89368	0.89368	0.90782
21483	2.43428	0.84644	0.84644	0.91216

21484	2.30134	0.85021	0.85021	0.85602
21485	2.30236	0.79639	0.79639	0.78152
21486	2.54162	0.90413	0.90413	0.98773
21487	2.39843	0	0	0
21488	2.36403	0.18141	0.18141	0.26322
21489	2.66518	1.10318	1.10318	1.20168
21490	2.37972	0	0	0
21491	2.58172	0.85628	0.85628	0.87847
21492	2.58107	0.68363	0.68363	0.83033
21493	2.51224	1.01772	1.01772	1.09667
21494	2.5721	0.90863	0.90863	1.06493
21495	2.48758	0	0	0
21496	2.51591	0.90153	0.90153	0.95894
21497	2.41618	0.18185	0.18185	0.35205
21498	2.54072	0.28659	0.28659	0.3232
21499	2.47532	0.96688	0.96688	1.02445
21500	2.47619	1.008	1.008	1.09061
21501	2.39929	0.4717	0.4717	0.71908
21502	2.5316	0.19649	0.19649	0.25716
21503	2.67364	0.8867	0.8867	0.92627
21504	2.67786	0	0	0
21505	2.61684	1.04262	1.04262	1.22869
21506	2.50258	0.80708	0.80708	0.83865
21507	2.33742	0.88406	0.88406	0.94023
21508	2.45538	0.74001	0.74001	0.70351
21509	2.43681	0.7411	0.7411	0.94954
21510	2.61836	0	0	0
21511	2.59887	0.7181	0.7181	0.85903
21512	2.67566	1.08357	1.08357	1.17713
21513	2.6777	1.0757	1.0757	1.17527
21514	2.67503	1.06206	1.06206	1.1682
21515	2.67714	0.99647	0.99647	1.11874
21516	2.50291	0	0	0
21517	2.6828	0.69454	0.69454	1.00736
21518	2.66389	1.08765	1.08765	1.20616
21519	2.66316	1.07808	1.07808	1.192
21520	2.58174	0.4466	0.4466	0.63103
21521	2.7584	1.17909	1.17909	1.25967
21522	2.58154	0	0	0
21523	2.60259	1.16813	1.16813	1.29246
21524	2.77126	0.9638	0.9638	0.99377

21525	2.63636	0.89728	0.89728	0.73948
21526	2.58421	0.87175	0.87175	0.90495
21527	2.36709	0.67708	0.67708	0.8648
21528	2.55916	0.87264	0.87264	0.83339
21529	2.5719	0.97056	0.97056	1.07767
21530	2.52316	0.87772	0.87772	0.75004
21531	2.52786	0.82529	0.82529	0.82822
21532	2.33753	0.81094	0.81094	0.78549
21533	2.729	0	0	0
21534	2.75568	1.05634	1.05634	1.06485
21535	2.74081	1.05328	1.05328	1.04738
21536	2.73297	1.05422	1.05422	0.95627
21537	2.86054	1.38275	1.38275	1.25878
21538	2.68262	1.10282	1.10282	1.1691
21539	2.67793	0.98535	0.98535	1.0809
21540	2.5984	0.98574	0.98574	1.27748
21541	2.57137	0.61814	0.61814	0.7824
21542	2.57295	0.80779	0.80779	0.84207
21543	2.53819	0	0	0
21544	2.65548	0.95467	0.95467	0.96729
21545	2.65919	0.88963	0.88963	0.86115
21546	2.42583	0.74501	0.74501	0.7459
21547	2.42818	0.79858	0.79858	0.80585
21548	2.46096	0.6459	0.6459	0.95928
21549	2.44935	0.74716	0.74716	0.76446
21550	2.41626	0.95325	0.95325	1.01642
21551	2.4179	0.96453	0.96453	1.03122
21552	2.41554	1.02403	1.02403	1.10598
21553	2.75086	1.24117	1.24117	1.32339
21554	2.74857	1.2501	1.2501	1.32218
21555	2.58728	0.87009	0.87009	0.9228
21556	2.58451	0.92448	0.92448	1.00135
21557	2.41512	0	0	0
21558	2.54104	0.60144	0.60144	0.8802
21559	2.30779	0	0	0
21560	2.6514	0.74265	0.74265	0.78135
21561	2.65477	0.80963	0.80963	0.76162
21562	2.47037	0	0	0
21563	2.47461	0.98467	0.98467	1.01109
21564	2.29031	0.93644	0.93644	0.94848
21565	2.58237	0.82421	0.82421	1.09367

21566	2.52818	0.48613	0.48613	0.65247
21567	2.56766	1.1411	1.1411	1.22663
21568	2.42914	0.90769	0.90769	0.93988
21569	2.6295	0.54398	0.54398	0.69444
21570	2.62695	0.83861	0.83861	0.79463
21571	2.62663	0.80845	0.80845	0.79126
21572	2.47293	0.75513	0.75513	0.74812
21573	2.66822	1.26778	1.26778	0.98587
21574	2.69692	1.39435	1.39435	1.0216
21575	2.71749	1.39822	1.39822	0.91247
21576	2.38219	0.90582	0.90582	1.12665
21577	2.51411	0.88149	0.88149	1.02355
21578	2.41232	0.82577	0.82577	0.86279
21579	2.47662	0.9638	0.9638	1.19541
21580	2.38481	0.47975	0.47975	0.79815
21581	2.38709	0.7588	0.7588	0.92529
21582	2.48673	1.02932	1.02932	1.11758
21583	2.47276	0.97196	0.97196	0.99453
21584	2.47417	0.95182	0.95182	0.99717
21585	2.61626	0.26865	0.26865	0.40744
21586	2.63567	0.27672	0.27672	0.41972
21587	2.3665	0.84005	0.84005	0.86309
21588	2.3627	0.8531	0.8531	0.82327
21589	2.4769	0.81167	0.81167	0.82473
21590	2.7221	1.07876	1.07876	1.28407
21591	2.62515	0.99951	0.99951	1.25882
21592	2.61327	1.06491	1.06491	1.21688
21593	2.62875	1.14098	1.14098	1.16865
21594	2.63377	1.13616	1.13616	1.17019
21595	2.71181	0.97829	0.97829	1.23869
21596	2.68519	0.81934	0.81934	1.02191
21597	2.83057	1.06384	1.06384	1.20298
21598	2.83156	1.05256	1.05256	1.1889
21599	2.83645	0.87459	0.87459	0.98738
21600	2.5723	0.74323	0.74323	1.07774
21601	2.68676	0.84434	0.84434	0.8061
21602	2.26754	0.88554	0.88554	0.9034
21603	2.6834	1.1001	1.1001	1.16361
21604	2.66236	1.0966	1.0966	1.19152
21605	2.65071	0.90123	0.90123	1.16698
21606	2.65052	0.85675	0.85675	1.12368

21607	2.6484	0.74052	0.74052	0.94252
21608	2.65042	0.39088	0.39088	0.74064
21609	2.65784	0.87221	0.87221	0.95289
21610	2.51265	0.80323	0.80323	0.81385
21611	2.64085	0.35358	0.35358	0.49995
21612	2.65212	1.03493	1.03493	1.15628
21613	2.64688	1.0292	1.0292	1.15606
21614	2.41271	0.83264	0.83264	0.92357
21615	2.71871	0.86731	0.86731	0.91145
21616	2.73001	0.88988	0.88988	0.9284
21617	2.42602	0	0	0
21618	2.41348	0.6536	0.6536	0.86108
21619	2.728	0.83718	0.83718	0.86602
21620	2.44297	0.86288	0.86288	0.89384
21621	2.76459	0.78397	0.78397	0.73621
21622	2.93721	1.3173	1.3173	1.30911
21623	2.94714	1.31762	1.31762	1.31659
21624	2.94341	1.31519	1.31519	1.29993
21625	2.93554	1.31716	1.31716	1.31558
21626	2.93192	1.31434	1.31434	1.29295
21627	2.93157	1.31514	1.31514	1.30274
21628	2.70719	1.10256	1.10256	1.24535
21629	2.69237	0.80362	0.80362	0.69165
21630	2.75295	1.33586	1.33586	1.2729
21631	2.69873	0	0	0
21632	2.50487	0	0	0
21633	2.66942	0.88205	0.88205	0.93531
21634	2.54057	0.70458	0.70458	0.84423
21635	2.68397	0.84103	0.84103	0.85118
21636	2.36483	0.10767	0.10767	0.15227
21637	2.36532	0.80499	0.80499	0.78989
21638	2.52354	0.97764	0.97764	1.05577
21639	2.64298	0	0	0
21640	2.56529	0.81849	0.81849	0.83763
21641	2.3678	0.86419	0.86419	0.88055
21642	2.58533	0.92599	0.92599	1.16414
21643	2.63225	1.07766	1.07766	1.17035
21644	2.64343	1.05944	1.05944	1.12485
21645	2.57988	1.09322	1.09322	1.25798
21646	2.31691	0.97841	0.97841	1.02679
21647	2.31686	0.98618	0.98618	1.03752

21648	2.45799	0.71421	0.71421	0.8736
21649	2.26557	0	0	0
21650	2.77754	1.00476	1.00476	1.07025
21651	2.78292	1.02395	1.02395	1.09904
21652	2.79541	0.98874	0.98874	1.07561
21653	2.78842	0.97282	0.97282	1.01435
21654	2.77828	1.07295	1.07295	1.14593
21655	2.76508	0.84203	0.84203	0.87347
21656	2.54181	0.9165	0.9165	0.93758
21657	2.54084	0.75279	0.75279	0.78667
21658	2.56977	1.09127	1.09127	1.19346
21659	2.70197	0.84359	0.84359	0.91338
21660	2.61708	1.04073	1.04073	1.10381
21661	2.40931	1.0886	1.0886	1.14481
21662	2.44005	0.8781	0.8781	0.89438
21663	2.43924	0.83781	0.83781	0.83941
21664	2.32045	0.95663	0.95663	1.16272
21665	2.32077	0.94638	0.94638	1.16645
21666	2.32045	0.82499	0.82499	1.13774
21667	2.6098	0	0	0
21668	2.37907	0.835	0.835	1.1211
21669	2.27228	0.81187	0.81187	0.77047
21670	2.65327	1.07578	1.07578	1.16577
21671	2.65596	1.20425	1.20425	1.32305
21672	2.49539	0.86893	0.86893	0.90001
21673	2.46292	0.80796	0.80796	0.83562
21674	2.80833	0.70982	0.70982	0.9369
21675	2.42097	1.02478	1.02478	1.1005
21676	2.61087	1.09664	1.09664	1.22275
21677	2.59602	1.10093	1.10093	1.21927
21678	2.67825	0.63951	0.63951	0.86692
21679	2.70663	0.80918	0.80918	0.98615
21680	2.51775	0.31302	0.31302	0.39822
21681	2.51351	0.84693	0.84693	0.90274
21682	2.3517	0.74458	0.74458	0.79983
21683	2.59221	1.05799	1.05799	1.1785
21684	2.59407	1.0307	1.0307	1.14121
21685	2.42008	0.92479	0.92479	0.97855
21686	2.42106	0.97608	0.97608	1.04806
21687	2.41365	0.98899	0.98899	1.07942
21688	2.42057	0.86586	0.86586	0.8848

21689	2.44512	1.07571	1.07571	1.13441
21690	2.91167	0.81447	0.81447	0.69243
21691	2.96869	1.36143	1.36143	1.35288
21692	2.95942	1.3745	1.3745	1.40188
21693	2.95879	1.3755	1.3755	1.39192
21694	2.94676	1.37431	1.37431	1.38317
21695	2.94764	1.37368	1.37368	1.37756
21696	2.56333	0	0	0
21697	2.52451	0.47881	0.47881	0.64339
21698	2.55423	0.49662	0.49662	0.77351
21699	2.29966	0	0	0
21700	2.38902	0	0	0
21701	2.68263	0	0	0
21702	2.5329	0	0	0
21703	2.46371	0.43084	0.43084	0.53282
21704	2.70708	1.11287	1.11287	1.21593
21705	2.7059	1.11916	1.11916	1.21995
21706	2.70144	1.11225	1.11225	1.15526
21707	2.40135	0	0	0
21708	2.39752	0.79793	0.79793	0.79569
21709	2.69728	1.07165	1.07165	1.18902
21710	2.70394	0.96386	0.96386	1.0431
21711	2.44638	0.75307	0.75307	0.7693
21712	2.6952	0.72923	0.72923	1.00744
21713	2.69849	0.75196	0.75196	1.0329
21714	2.7279	1.27763	1.27763	1.26952
21715	2.71903	1.27681	1.27681	1.26763
21716	2.67346	0.77576	0.77576	0.71639
21717	2.62792	0.90952	0.90952	1.14835
21718	2.39592	1.16815	1.16815	1.15759
21719	2.39633	0	0	0
21720	2.62627	1.05439	1.05439	1.11671
21721	2.61574	0.96177	0.96177	0.98698
21722	2.59336	0.96184	0.96184	1.16846
21723	2.57982	0.87943	0.87943	0.96507
21724	2.57041	0.86789	0.86789	0.84576
21725	2.56256	0.8164	0.8164	0.83237
21726	2.46461	0.74691	0.74691	0.73751
21727	2.55472	0.90584	0.90584	0.96828
21728	2.56141	0.98983	0.98983	1.09905
21729	2.56019	1.00997	1.00997	1.12181

21730	2.63679	0.90278	0.90278	0.91853
21731	2.3399	0.87009	0.87009	0.8756
21732	2.34079	0	0	0
21733	2.54338	0.97524	0.97524	1.07191
21734	2.4012	0.92261	0.92261	0.94808
21735	2.94556	1.25894	1.25894	1.42703
21736	2.56072	0	0	0
21737	2.4823	0	0	0
21738	2.33871	0	0	0
21739	2.4861	0.81306	0.81306	0.82155
21740	2.61658	0	0	0
21741	2.53644	0	0	0
21742	2.42258	0.80575	0.80575	0.79947
21743	2.54563	1.05955	1.05955	1.17316
21744	2.54883	1.1133	1.1133	1.2042
21745	2.55858	1.13468	1.13468	1.21988
21746	2.56623	1.13666	1.13666	1.21351
21747	2.61053	0.97057	0.97057	1.10743
21748	2.31496	0.27895	0.27895	0.44053
21749	2.32278	0.86512	0.86512	0.86816
21750	2.54144	0.94388	0.94388	1.01459
21751	2.53837	0.96345	0.96345	1.05309
21752	2.53442	0.97331	0.97331	1.03126
21753	2.543	0.83121	0.83121	0.82452
21754	2.54246	0.87535	0.87535	0.93178
21755	2.54747	0.98201	0.98201	1.04806
21756	2.54945	0.99188	0.99188	1.03969
21757	2.40361	0.93433	0.93433	0.94962
21758	2.40271	0.91683	0.91683	0.9261
21759	2.41204	0.87262	0.87262	0.91365
21760	2.42599	0.81905	0.81905	0.83042
21761	2.37449	0.8026	0.8026	0.80071
21762	2.49873	0.98806	0.98806	1.06256
21763	2.49875	0.97983	0.97983	0.96847
21764	2.49806	1.00493	1.00493	1.0112
21765	2.49624	1.01775	1.01775	1.1034
21766	2.49384	1.02547	1.02547	1.12068
21767	2.49861	1.02025	1.02025	1.02466
21768	2.46844	0.97618	0.97618	1.0064
21769	2.46648	0.7963	0.7963	0.97961
21770	2.63853	1.0023	1.0023	1.11084

21771	2.54948	1.13689	1.13689	1.22764
21772	2.56081	1.1155	1.1155	1.21481
21773	2.56639	1.08859	1.08859	1.18202
21774	2.60598	0	0	0
21775	2.4448	0	0	0
21776	2.44636	0.81673	0.81673	0.80984
21777	2.6782	1.03376	1.03376	1.26484
21778	2.67624	1.04621	1.04621	1.26727
21779	2.66724	1.05901	1.05901	1.26794
21780	2.66537	1.06307	1.06307	1.18465
21781	2.28421	0	0	0
21782	2.56472	1.06929	1.06929	1.16959
21783	2.57119	0.99619	0.99619	1.07274
21784	2.57057	1.00473	1.00473	1.09152
21785	2.56981	1.00018	1.00018	1.09209
21786	2.567	0.99834	0.99834	1.09315
21787	2.55582	0.96849	0.96849	1.06155
21788	2.49779	0.98543	0.98543	1.05797
21789	2.50068	0.81501	0.81501	0.84
21790	2.59854	0	0	0
21791	2.46235	0.75373	0.75373	0.84376
21792	2.66813	0	0	0
21793	2.83007	0.09012	0.09012	0.24162
21794	2.56645	1.10906	1.10906	1.10172
21795	2.36165	1.01728	1.01728	1.18531
21796	2.51447	0	0	0
21797	2.61389	0.19661	0.19661	0.36924
21798	2.72215	0	0	0
21799	2.5924	1.06092	1.06092	1.13363
21800	2.61851	0.79053	0.79053	0.93572
21801	2.61044	0.85994	0.85994	0.98255
21802	2.58097	0.69907	0.69907	0.7306
21803	2.64299	0.99332	0.99332	1.19423
21804	2.56154	0.81903	0.81903	0.82859
21805	2.5629	0.75452	0.75452	0.75832
21806	2.56468	0.50239	0.50239	0.65373
21807	2.56793	0.44699	0.44699	0.58216
21808	2.43521	0.89565	0.89565	0.90729
21809	2.67964	1.00642	1.00642	1.02365
21810	2.73786	1.08555	1.08555	1.11484
21811	2.72685	1.06466	1.06466	1.1862

21812	2.71273	1.05912	1.05912	1.20673
21813	2.69393	1.04619	1.04619	1.22469
21814	2.36964	0.89683	0.89683	0.92768
21815	2.32418	0	0	0
21816	2.70524	0.56166	0.56166	0.90698
21817	2.71099	0.65294	0.65294	1.06216
21818	2.34527	0.93292	0.93292	1.01069
21819	2.73709	0.90237	0.90237	1.15342
21820	2.45263	0.82097	0.82097	0.81502
21821	2.59214	1.13104	1.13104	1.15455
21822	2.55716	0.6677	0.6677	0.98936
21823	2.44029	0.76783	0.76783	1.19066
21824	2.45717	0.98416	0.98416	1.00238
21825	2.41567	0.96437	0.96437	0.954
21826	2.54842	0.80802	0.80802	0.88574
21827	2.55555	0.50094	0.50094	0.67713
21828	2.42978	0.8073	0.8073	0.84252
21829	2.53671	0.92475	0.92475	0.90846
21830	2.50982	0.96359	0.96359	0.95617
21831	2.65418	0.96173	0.96173	0.99712
21832	2.65966	0.9647	0.9647	1.0616
21833	2.6562	0.93888	0.93888	1.06546
21834	2.65281	0.83908	0.83908	1.05655
21835	2.65792	0.63875	0.63875	0.81083
21836	2.56989	0.95782	0.95782	1.04927
21837	2.56362	0.31853	0.31853	0.46895
21838	2.33053	0	0	0
21839	2.6802	0.59956	0.59956	0.7537
21840	2.67812	0.90184	0.90184	1.18282
21841	2.67736	0.86855	0.86855	1.17811
21842	2.67966	0.82604	0.82604	0.8307
21843	2.37289	0.8492	0.8492	1.09585
21844	2.5857	1.08291	1.08291	1.21195
21845	2.57059	0.92373	0.92373	0.94114
21846	2.70509	0.3485	0.3485	0.52728
21847	2.68074	0.88778	0.88778	1.02598
21848	2.78896	0.62807	0.62807	0.7063
21849	2.79848	0.75266	0.75266	0.70701
21850	2.48269	0.88081	0.88081	0.90599
21851	2.48675	0.82559	0.82559	0.82664
21852	2.5121	0.82044	0.82044	0.82627

21853	2.49337	0.65028	0.65028	0.85434
21854	2.60721	0.53795	0.53795	0.71175
21855	2.6073	1.09011	1.09011	1.1151
21856	2.67342	0.31297	0.31297	0.47102
21857	2.66323	0.87099	0.87099	0.85173
21858	2.45569	0.35275	0.35275	0.52306
21859	2.55871	0.92487	0.92487	0.99098
21860	2.51549	0.89022	0.89022	1.13683
21861	2.51902	0.95353	0.95353	1.14935
21862	2.47372	0.87775	0.87775	0.88283
21863	2.45138	0.41849	0.41849	0.61011
21864	2.3775	0.7377	0.7377	0.75541
21865	2.3546	0.94413	0.94413	0.9838
21866	2.57838	0.82915	0.82915	0.81368
21867	2.62421	1.06347	1.06347	1.26439
21868	2.60728	0.88788	0.88788	0.9027
21869	2.61188	0.94453	0.94453	0.99653
21870	2.45398	0.80541	0.80541	0.82098
21871	2.53151	0.88348	0.88348	0.91626
21872	2.45968	0	0	0
21873	2.6889	0.98245	0.98245	1.05986
21874	2.72982	1.13627	1.13627	1.16504
21875	2.57833	1.09447	1.09447	1.21646
21876	2.58158	1.09135	1.09135	1.20688
21877	2.31914	0	0	0
21878	2.40395	0	0	0
21879	2.51962	0.86898	0.86898	0.93372
21880	2.54149	0.8065	0.8065	0.93368
21881	2.53142	0.96049	0.96049	1.06753
21882	2.52272	0.75597	0.75597	0.7202
21883	2.3603	0	0	0
21884	2.61117	0.95048	0.95048	1.04205
21885	2.4856	0.33022	0.33022	0.55748
21886	2.49706	0.94121	0.94121	1.01684
21887	2.37328	0.82157	0.82157	0.80409
21888	2.3523	0	0	0
21889	2.38938	0.9535	0.9535	0.99796
21890	2.38776	1.01737	1.01737	1.08793
21891	2.45635	0.05511	0.05511	0.08341
21892	2.44966	0.75614	0.75614	0.81452
21893	2.59742	0	0	0

21894	2.4911	1.02352	1.02352	1.13981
21895	2.61002	0.94053	0.94053	1.03598
21896	2.3475	0.94199	0.94199	0.96734
21897	2.66923	0.89907	0.89907	0.98646
21898	2.52522	0.92975	0.92975	0.93382
21899	2.60121	1.02823	1.02823	1.09059
21900	2.69054	0.76904	0.76904	0.89706
21901	2.33832	0.34362	0.34362	0.50088
21902	2.33709	0.82523	0.82523	0.82416
21903	2.43778	0.9225	0.9225	0.97286
21904	2.53844	0.9059	0.9059	0.93602
21905	2.40328	0.75131	0.75131	1.04593
21906	2.28502	0.19995	0.19995	0.33071
21907	2.30384	0.88233	0.88233	0.90174
21908	2.25798	0.80353	0.80353	0.76409
21909	2.32842	0.88882	0.88882	0.92888
21910	2.50952	0	0	0
21911	2.72425	1.09826	1.09826	1.12869
21912	2.46105	0.92119	0.92119	1.02148
21913	2.58435	0	0	0
21914	2.56404	0.5447	0.5447	0.7918
21915	2.48993	0	0	0
21916	2.57122	0.87426	0.87426	0.94713
21917	2.54004	0.96914	0.96914	1.01875
21918	2.61696	0.47419	0.47419	0.68095
21919	2.66161	0.98806	0.98806	1.19195
21920	2.81501	1.07412	1.07412	1.34702
21921	2.57801	0.96055	0.96055	1.05222
21922	2.41048	1.00937	1.00937	1.08019
21923	2.79128	0.8936	0.8936	0.97264
21924	2.61991	0.82587	0.82587	0.84114
21925	2.62703	1.13615	1.13615	1.28523
21926	2.64029	1.00848	1.00848	1.24955
21927	2.63912	0.97699	0.97699	1.07573
21928	2.64776	0.96521	0.96521	1.05944
21929	2.4302	0.78705	0.78705	0.88476
21930	2.52802	0.45838	0.45838	0.60324
21931	2.70216	0.83824	0.83824	0.8636
21932	2.60643	0.159	0.159	0.22603
21933	2.61327	0.93666	0.93666	1.07211
21934	2.46293	0.75237	0.75237	0.72532

21935	2.46246	0.92868	0.92868	0.97513
21936	2.46218	0.94704	0.94704	1.00029
21937	2.43019	0.89601	0.89601	0.9602
21938	2.80766	1.16332	1.16332	1.21027
21939	2.81301	1.16222	1.16222	1.21829
21940	2.8082	1.15938	1.15938	1.21772
21941	2.80865	1.14626	1.14626	1.21278
21942	2.75041	1.07892	1.07892	1.19653
21943	2.42246	0.87946	0.87946	1.10079
21944	2.44052	0.54335	0.54335	0.73793
21945	2.60016	0	0	0
21946	2.53365	0.81478	0.81478	0.92446
21947	2.53956	0.86311	0.86311	0.9607
21948	3.12661	1.35579	1.35579	1.08661
21949	2.45552	0.82301	0.82301	0.81589
21950	2.41781	0	0	0
21951	2.47313	0	0	0
21952	2.39661	0	0	0
21953	2.42531	0.82836	0.82836	0.89147
21954	2.63544	0	0	0
21955	2.46291	0.82018	0.82018	1.06358
21956	2.43731	0.6636	0.6636	0.79
21957	2.42752	0.33845	0.33845	0.44679
21958	2.6734	0.89013	0.89013	0.91959
21959	2.40459	0.87306	0.87306	0.87884
21960	2.50636	0.93555	0.93555	0.96854
21961	2.52679	1.06365	1.06365	1.11116
21962	2.55991	0.75855	0.75855	0.78673
21963	2.45945	0	0	0
21964	2.47268	0	0	0
21965	2.56015	0	0	0
21966	2.31117	0	0	0
21967	2.53898	0.37496	0.37496	0.67089
21968	2.36277	1.06115	1.06115	1.15512
21969	2.36812	0.12588	0.12588	0.1728
21970	2.59944	0.95343	0.95343	1.04849
21971	2.59571	0.97351	0.97351	1.0536
21972	2.26739	0.86601	0.86601	0.82626
21973	2.6695	0	0	0
21974	2.45965	0.8267	0.8267	0.85178
21975	2.39897	0.98292	0.98292	1.05579

21976	2.63619	0.74209	0.74209	1.2925
21977	2.64022	0.94511	0.94511	1.31229
21978	2.62735	0.95745	0.95745	1.25365
21979	2.62774	0.97574	0.97574	1.25899
21980	2.65495	0.9713	0.9713	1.10627
21981	2.66005	0.90137	0.90137	1.08559
21982	2.41544	0.88939	0.88939	0.9517
21983	2.57078	0.75665	0.75665	0.83322
21984	2.55648	1.15307	1.15307	1.30183
21985	2.478	0.98705	0.98705	1.03766
21986	2.47741	0.92168	0.92168	0.94221
21987	2.57149	0.75772	0.75772	0.80342
21988	2.57179	0.50556	0.50556	0.7242
21989	2.52495	0	0	0
21990	2.66717	0.83361	0.83361	1.01929
21991	2.34452	0.74423	0.74423	0.79878
21992	2.61046	0.15423	0.15423	0.41331
21993	2.61456	1.11823	1.11823	1.21408
21994	2.60393	1.1273	1.1273	1.22705
21995	2.57905	0.81639	0.81639	0.84052
21996	2.63353	0.88324	0.88324	0.91351
21997	2.61928	1.00049	1.00049	1.05788
21998	2.62097	0.90267	0.90267	0.89755
21999	2.61903	0.92756	0.92756	0.97107
22000	2.62593	0.74422	0.74422	0.94807
22001	2.66805	0.8568	0.8568	0.92444
22002	2.62666	1.18006	1.18006	1.34174
22003	2.61659	1.18596	1.18596	1.3358
22004	2.60258	1.18763	1.18763	1.30882
22005	2.62853	0	0	0
22006	2.4674	0.74936	0.74936	0.74544
22007	2.6761	1.13545	1.13545	1.12759
22008	2.6865	0.91423	0.91423	1.06558
22009	2.32561	0.81857	0.81857	0.85097
22010	2.54737	0.83079	0.83079	0.80779
22011	2.58584	1.01606	1.01606	1.09343
22012	2.55991	0.25245	0.25245	0.34093
22013	2.59592	0.63825	0.63825	0.87067
22014	2.3681	0.28949	0.28949	0.39681
22015	2.36605	0.83042	0.83042	0.79986
22016	2.4836	0.48147	0.48147	0.86363

22017	2.42569	0.77758	0.77758	0.87648
22018	2.45363	0.96061	0.96061	1.1444
22019	2.54744	0.49028	0.49028	0.707
22020	2.57113	0.75878	0.75878	0.87053
22021	2.27687	0.79735	0.79735	0.7729
22022	2.55721	0	0	0
22023	2.56882	1.0349	1.0349	1.17167
22024	2.56144	0.98358	0.98358	1.03922
22025	2.56483	0.99473	0.99473	1.05174
22026	2.49852	0.74788	0.74788	0.77334
22027	2.32301	0	0	0
22028	2.55045	0.89565	0.89565	0.88033
22029	2.69838	1.12143	1.12143	1.2789
22030	2.68512	1.11122	1.11122	1.27281
22031	2.68801	1.09958	1.09958	1.27014
22032	2.6886	1.09514	1.09514	1.27115
22033	2.66729	1.05388	1.05388	1.11112
22034	2.69497	1.09905	1.09905	1.1439
22035	2.51027	1.1017	1.1017	1.19193
22036	2.48537	1.03948	1.03948	1.13181
22037	2.58117	0.88718	0.88718	0.95074
22038	2.8983	1.35597	1.35597	1.13618
22039	2.95766	1.43482	1.43482	1.3295
22040	2.33892	0.9001	0.9001	0.90724
22041	2.5028	0	0	0
22042	2.46158	0	0	0
22043	2.49302	0.95994	0.95994	1.02529
22044	2.60841	0.86575	0.86575	0.88461
22045	2.60644	0.93734	0.93734	0.97822
22046	2.60618	1.04897	1.04897	1.14413
22047	2.61157	1.05653	1.05653	1.15352
22048	2.60467	1.05127	1.05127	1.09856
22049	2.60989	1.05433	1.05433	1.10329
22050	2.61636	1.05748	1.05748	1.11389
22051	2.48754	0	0	0
22052	2.53094	0.8691	0.8691	1.13703
22053	2.41792	0.81177	0.81177	0.80815
22054	2.86756	1.49558	1.49558	0.74944
22055	2.8498	1.47157	1.47157	0.86974
22056	2.97181	1.48691	1.48691	0.95095
22057	2.90067	1.32212	1.32212	1.30704

22058	2.88046	1.32171	1.32171	1.32051
22059	2.89793	1.32124	1.32124	1.33472
22060	2.39829	0	0	0
22061	2.69429	0.84781	0.84781	0.85116
22062	2.40718	1.21079	1.21079	1.1302
22063	2.34542	0	0	0
22064	2.50918	0.97203	0.97203	1.07056
22065	2.62828	1.01244	1.01244	1.15494
22066	2.57976	0.50635	0.50635	0.75159
22067	2.37805	0	0	0
22068	2.48807	0.87424	0.87424	1.03473
22069	2.48671	0.78386	0.78386	1.01083
22070	2.65316	0.82291	0.82291	0.83905
22071	2.54906	1.13351	1.13351	1.13346
22072	2.41866	0.81202	0.81202	0.87852
22073	2.42651	0.77505	0.77505	0.9241
22074	2.54633	0.97289	0.97289	1.05504
22075	2.70352	0.25626	0.25626	0.35405
22076	2.71991	1.01422	1.01422	1.04456
22077	2.77998	0.94277	0.94277	0.95562
22078	2.65424	0.97684	0.97684	1.29168
22079	2.54273	0	0	0
22080	2.58085	0	0	0
22081	2.61802	1.05246	1.05246	1.11148
22082	2.58572	0.82843	0.82843	0.83441
22083	2.60681	1.25486	1.25486	1.27353
22084	2.53654	0.86916	0.86916	0.90967
22085	2.62017	0.92887	0.92887	0.99491
22086	2.62212	0.96155	0.96155	1.0405
22087	2.63467	1.17293	1.17293	1.28949
22088	2.44145	0.30159	0.30159	0.42024
22089	2.44559	0	0	0
22090	2.37335	0.88237	0.88237	0.89157
22091	2.44274	0	0	0
22092	2.4518	0	0	0
22093	2.49608	0	0	0
22094	2.47355	0.75023	0.75023	0.87247
22095	2.53355	0	0	0
22096	2.54492	0.8937	0.8937	1.03179
22097	2.55483	0.81019	0.81019	0.96717
22098	2.87473	0.97377	0.97377	1.0297

22099	2.93295	0.98951	0.98951	1.10399
22100	2.92938	1.00201	1.00201	1.02827
22101	2.33598	0.7283	0.7283	0.72614
22102	2.66528	0.88893	0.88893	0.8779
22103	2.57237	0.33833	0.33833	0.44702
22104	2.58875	0.94717	0.94717	1.07151
22105	2.63373	0.62553	0.62553	0.8167
22106	2.63399	1.08223	1.08223	1.06476
22107	2.63313	0	0	0
22108	2.36962	0	0	0
22109	2.80835	1.1596	1.1596	1.23599
22110	2.77635	1.14051	1.14051	1.17857
22111	2.66829	0.92051	0.92051	1.25866
22112	2.83462	1.22509	1.22509	1.38155
22113	2.83143	1.22556	1.22556	1.36911
22114	2.82441	0.36021	0.36021	0.56377
22115	2.33008	0.41612	0.41612	0.53031
22116	2.46112	0.81033	0.81033	0.99022
22117	2.65186	0	0	0
22118	2.6956	1.08209	1.08209	1.24251
22119	2.69533	1.06585	1.06585	1.24119
22120	2.41143	0.79664	0.79664	0.86495
22121	2.41236	0.55373	0.55373	0.77234
22122	2.41412	0.8907	0.8907	0.91855
22123	2.55156	0	0	0
22124	2.42128	0.78399	0.78399	0.84356
22125	2.42215	1.01911	1.01911	1.08448
22126	2.42473	0.96843	0.96843	1.02318
22127	2.42687	0.95575	0.95575	1.00661
22128	2.42529	0.90493	0.90493	0.92159
22129	2.69002	0	0	0
22130	2.31335	1.06447	1.06447	1.10358
22131	2.31586	1.04035	1.04035	1.05869
22132	2.30116	0	0	0
22133	2.30089	0.79661	0.79661	0.79581
22134	2.6369	0.96284	0.96284	1.29579
22135	2.3779	0.8845	0.8845	0.90507
22136	2.64671	0.76999	0.76999	0.79341
22137	2.60556	0.59199	0.59199	0.78038
22138	2.67305	0.60149	0.60149	0.73173
22139	2.98397	0.86215	0.86215	1.23885

22140	3.01607	1.32492	1.32492	1.34356
22141	2.99216	1.34277	1.34277	1.37541
22142	2.83386	1.16304	1.16304	1.19865
22143	2.40006	0.90275	0.90275	0.91505
22144	2.70173	1.11486	1.11486	1.25734
22145	2.54576	0.08893	0.08893	0.13229
22146	2.57722	0.83509	0.83509	0.84481
22147	2.66193	0.83693	0.83693	0.84778
22148	2.72627	0.89418	0.89418	0.92456
22149	2.71485	0.86637	0.86637	1.04894
22150	2.71441	0.93765	0.93765	1.06936
22151	2.68656	1.03298	1.03298	1.27561
22152	2.40844	0.89185	0.89185	0.88388
22153	2.64285	0	0	0
22154	2.78923	1.1508	1.1508	1.28241
22155	2.39546	0.86154	0.86154	0.88683
22156	2.48513	0	0	0
22157	2.46404	0.88877	0.88877	0.91851
22158	2.41081	0.3148	0.3148	0.45892
22159	2.3955	0	0	0
22160	2.35739	0.85569	0.85569	0.87385
22161	2.47789	0.93039	0.93039	1.01407
22162	2.71286	1.06747	1.06747	1.10193
22163	2.33246	0.99827	0.99827	1.08022
22164	2.33216	1.0127	1.0127	1.10419
22165	2.5492	1.07359	1.07359	1.1302
22166	2.51514	1.08824	1.08824	1.14797
22167	2.58182	0.89324	0.89324	1.1708
22168	2.50657	0.59682	0.59682	0.85467
22169	2.66878	0.84473	0.84473	0.70871
22170	2.66763	0.8283	0.8283	1.27954
22171	2.66809	0.76723	0.76723	1.26834
22172	2.67156	0.77536	0.77536	0.74793
22173	2.77345	0.83004	0.83004	1.02297
22174	2.77929	0.99981	0.99981	1.13511
22175	2.77721	1.01956	1.01956	1.14694
22176	2.78256	1.08261	1.08261	1.21738
22177	2.41475	0.81153	0.81153	0.79407
22178	2.41426	0.92138	0.92138	0.96852
22179	2.48666	0	0	0
22180	2.58356	1.05042	1.05042	1.19429

22181	2.5847	1.06792	1.06792	1.21995
22182	2.45927	0.86737	0.86737	0.89655
22183	2.57852	0	0	0
22184	2.53356	0.75079	0.75079	0.73443
22185	2.53856	1.04461	1.04461	1.20578
22186	2.53856	1.07355	1.07355	1.25522
22187	2.53193	1.08515	1.08515	1.2697
22188	2.55777	1.01684	1.01684	1.15902
22189	2.49736	0.93337	0.93337	1.01256
22190	2.56063	0.81946	0.81946	0.8417
22191	2.8109	1.19325	1.19325	1.36273
22192	2.62802	0.97955	0.97955	1.06217
22193	2.64159	1.10668	1.10668	1.30726
22194	2.64291	1.11703	1.11703	1.32603
22195	2.63697	1.12193	1.12193	1.32993
22196	2.31161	0	0	0
22197	2.38228	0	0	0
22198	2.33682	0	0	0
22199	2.61039	1.02315	1.02315	1.23606
22200	2.71879	0.94683	0.94683	1.24255
22201	2.71916	0.93321	0.93321	1.24465
22202	2.7199	0.92398	0.92398	1.24529
22203	2.57764	0.89151	0.89151	0.90606
22204	2.70483	0.88101	0.88101	0.96168
22205	2.70367	0.91436	0.91436	1.00624
22206	2.70207	0.96288	0.96288	1.06026
22207	2.74152	1.36561	1.36561	1.24883
22208	2.73348	1.36588	1.36588	1.25092
22209	2.71268	1.36568	1.36568	1.23321
22210	2.38866	0.86328	0.86328	0.98007
22211	2.37738	0.90545	0.90545	0.92709
22212	2.3795	0.81796	0.81796	0.80063
22213	2.41148	0.80756	0.80756	0.81396
22214	2.50469	0.81264	0.81264	0.82741
22215	2.63231	1.19365	1.19365	1.29498
22216	2.65887	1.1218	1.1218	1.17892
22217	2.66022	1.05899	1.05899	1.16437
22218	2.65433	1.06106	1.06106	1.15663
22219	2.65127	1.07722	1.07722	1.1709
22220	2.62507	1.07375	1.07375	1.14782
22221	2.49281	0.86911	0.86911	0.93723

22222	2.47644	0.88663	0.88663	0.95396
22223	2.63145	0.93896	0.93896	1.00799
22224	2.59204	0.88687	0.88687	0.95515
22225	2.72681	0	0	0
22226	2.74811	1.09629	1.09629	1.31903
22227	2.84816	0.84237	0.84237	0.872
22228	2.81383	0.89729	0.89729	0.90965
22229	2.40113	0.75382	0.75382	0.80593
22230	2.40073	0.80734	0.80734	0.92488
22231	2.38759	0.4613	0.4613	0.61087
22232	2.64257	0.86868	0.86868	1.00651
22233	2.68354	1.04131	1.04131	1.25301
22234	2.68741	1.05022	1.05022	1.25563
22235	2.69081	1.06615	1.06615	1.25901
22236	2.69808	1.07802	1.07802	1.26422
22237	2.7015	1.15142	1.15142	1.29504
22238	2.70231	0.94715	0.94715	1.28591
22239	2.70759	0.9538	0.9538	1.28735
22240	2.70756	0.84807	0.84807	0.86593
22241	2.70917	0.53383	0.53383	0.7004
22242	2.51249	0	0	0
22243	2.53299	0.77647	0.77647	1.08408
22244	2.43778	0.94949	0.94949	0.97585
22245	2.7503	0.81002	0.81002	0.98574
22246	2.39699	0.80903	0.80903	0.96526
22247	2.39705	0.89128	0.89128	1.00009
22248	2.39729	0.92568	0.92568	1.01916
22249	2.39516	0.23662	0.23662	0.33033
22250	2.5082	0.95345	0.95345	1.02718
22251	2.58866	0	0	0
22252	2.62734	0.82321	0.82321	0.87802
22253	2.61829	0.87922	0.87922	1.00175
22254	2.43473	0.79743	0.79743	0.81073
22255	2.43485	0.36479	0.36479	0.60562
22256	2.61166	0.87262	0.87262	0.93436
22257	2.37499	1.03528	1.03528	1.14683
22258	2.69573	0.99017	0.99017	1.14252
22259	2.6946	0.6707	0.6707	0.98201
22260	2.69865	0.74347	0.74347	1.05388
22261	2.73675	0.94452	0.94452	1.09129
22262	2.67568	1.1143	1.1143	1.12118

22263	2.69061	1.1292	1.1292	1.23745
22264	2.61362	0.94496	0.94496	1.04172
22265	2.62504	0.82482	0.82482	0.86316
22266	2.50562	0.08761	0.08761	0.10959
22267	2.65689	0.89374	0.89374	0.953
22268	2.50117	0.80648	0.80648	0.84673
22269	2.62309	1.11867	1.11867	1.16356
22270	2.65164	1.11015	1.11015	1.07142
22271	2.6791	0.63774	0.63774	0.7522
22272	2.68137	0.91099	0.91099	0.93427
22273	2.43295	0.47728	0.47728	0.81405
22274	2.51806	0.77763	0.77763	1.14117
22275	2.47659	1.04909	1.04909	1.15351
22276	2.43141	1.11771	1.11771	1.17256
22277	2.66081	0.99612	0.99612	1.22132
22278	2.66306	0.98692	0.98692	1.24359
22279	2.58744	0.83641	0.83641	0.84729
22280	2.81342	1.17214	1.17214	1.25506
22281	2.80444	1.15838	1.15838	1.23792
22282	2.78529	1.02479	1.02479	1.06564
22283	2.58305	0.86935	0.86935	0.87431
22284	2.63887	0.91524	0.91524	0.96348
22285	2.64249	0.84575	0.84575	0.87281
22286	2.61657	0.87417	0.87417	0.92744
22287	2.35795	0.44674	0.44674	0.64116
22288	2.42931	0.7545	0.7545	0.76983
22289	2.42812	0.80965	0.80965	0.84706
22290	2.72631	0.9603	0.9603	1.02112
22291	2.7243	0.71452	0.71452	0.77225
22292	2.52003	0	0	0
22293	2.41447	0	0	0
22294	2.3916	0.99241	0.99241	1.05349
22295	2.38981	1.00207	1.00207	1.09043
22296	2.38892	0.67879	0.67879	1.03369
22297	2.43566	0	0	0
22298	2.55257	0.87722	0.87722	1.05704
22299	2.52707	1.04605	1.04605	1.14812
22300	2.53654	1.09573	1.09573	1.22925
22301	2.53752	1.10656	1.10656	1.23877
22302	2.46408	0	0	0
22303	2.43015	1.05563	1.05563	1.20971

22304	2.42864	1.04446	1.04446	1.20907
22305	2.65476	0.89313	0.89313	0.9189
22306	2.654	0	0	0
22307	2.50672	0	0	0
22308	2.53246	0.95552	0.95552	0.99297
22309	2.38808	0.80488	0.80488	0.80268
22310	2.87124	0	0	0
22311	2.86736	0.90611	0.90611	0.97547
22312	2.64677	0.27383	0.27383	0.40174
22313	2.3922	0.53838	0.53838	0.73147
22314	2.57339	0.75122	0.75122	0.75046
22315	2.5689	0.85656	0.85656	0.95688
22316	2.59937	0.90914	0.90914	0.94657
22317	2.60194	1.0545	1.0545	1.16394
22318	2.44563	1.07115	1.07115	1.17223
22319	2.4483	1.03873	1.03873	1.12673
22320	2.48708	1.00209	1.00209	1.07402
22321	2.48867	0.9942	0.9942	1.06492
22322	2.46985	0	0	0
22323	2.46536	0.31239	0.31239	0.43314
22324	2.49023	0.34375	0.34375	0.47814
22325	2.48708	0.95604	0.95604	0.99157
22326	2.48418	0.83587	0.83587	0.82515
22327	2.75908	0.95348	0.95348	1.03197
22328	2.60349	0.90294	0.90294	0.93522
22329	2.64556	0.921	0.921	0.99192
22330	2.64461	1.01101	1.01101	1.11578
22331	2.75534	0.86425	0.86425	0.91414
22332	2.97608	1.23014	1.23014	1.41876
22333	2.98782	1.23025	1.23025	1.36247
22334	2.98091	1.23124	1.23124	1.36023
22335	2.83682	0.66134	0.66134	1.01392
22336	2.38925	0.73732	0.73732	0.71711
22337	2.39003	0.29022	0.29022	0.41163
22338	2.62185	0.89595	0.89595	0.84858
22339	2.61976	0.88127	0.88127	0.82943
22340	2.61971	0.86654	0.86654	0.86388
22341	2.61975	0.84275	0.84275	0.82502
22342	2.54257	0.36659	0.36659	0.45689
22343	2.55831	0.96883	0.96883	0.88208
22344	2.62667	0.96991	0.96991	1.02254

22345	2.79617	0.85303	0.85303	1.08898
22346	2.78097	0.814	0.814	1.08075
22347	2.51968	0.68831	0.68831	0.85423
22348	2.51941	0.64044	0.64044	0.78816
22349	2.52609	1.02897	1.02897	1.04226
22350	2.42431	0.88985	0.88985	1.10278
22351	2.51508	0	0	0
22352	2.29514	0	0	0
22353	2.4822	1.05061	1.05061	1.1117
22354	2.64026	0.92547	0.92547	0.97252
22355	2.53624	0.24683	0.24683	0.36415
22356	2.70824	0.92699	0.92699	0.99012
22357	2.62256	1.05711	1.05711	1.0786
22358	2.62118	1.0681	1.0681	1.09853
22359	2.44882	0.93258	0.93258	0.96323
22360	2.39653	0.35575	0.35575	0.49774
22361	2.77611	0.85289	0.85289	0.96497
22362	2.77235	0.9178	0.9178	0.98395
22363	2.71876	0.94231	0.94231	0.85598
22364	2.72587	1.19962	1.19962	1.059
22365	2.59262	0.82305	0.82305	0.84131
22366	2.59457	0.99392	0.99392	1.09745
22367	2.51768	0.81604	0.81604	0.81734
22368	2.46147	0	0	0
22369	2.40741	0.39459	0.39459	0.64401
22370	2.40784	0.8758	0.8758	0.90224
22371	2.63824	1.00021	1.00021	0.9328
22372	2.60294	0.96709	0.96709	0.88564
22373	2.56034	0.81468	0.81468	0.84258
22374	2.3945	1.0031	1.0031	1.07373
22375	2.39829	0.95485	0.95485	1.00952
22376	2.40349	0.86733	0.86733	0.88496
22377	2.73157	0.96237	0.96237	1.07314
22378	2.55166	0.87235	0.87235	0.93125
22379	2.40103	0	0	0
22380	2.53229	0	0	0
22381	2.65835	1.03795	1.03795	1.17138
22382	2.65019	1.05806	1.05806	1.19713
22383	2.54928	0.95313	0.95313	0.94041
22384	2.48519	0	0	0
22385	2.89748	1.14142	1.14142	1.2857

22386	2.90634	1.13915	1.13915	1.29092
22387	2.90831	1.1331	1.1331	1.2814
22388	2.42917	0.90563	0.90563	0.97061
22389	2.5141	1.0433	1.0433	1.11219
22390	2.55968	0	0	0
22391	2.47626	0.80254	0.80254	0.82245
22392	2.55822	0.81344	0.81344	0.84518
22393	2.69004	1.14662	1.14662	1.24643
22394	2.38713	0	0	0
22395	2.54198	1.17554	1.17554	1.18932
22396	2.53719	1.16717	1.16717	1.18225
22397	2.52648	1.15112	1.15112	1.17092
22398	2.352	0.8077	0.8077	0.79525
22399	2.46861	0.94712	0.94712	1.04811
22400	2.46603	0.91509	0.91509	1.0022
22401	2.45525	0.97519	0.97519	0.98569
22402	2.45564	0.99836	0.99836	1.03146
22403	2.66984	0.86545	0.86545	0.93196
22404	2.49272	0.93064	0.93064	1.00808
22405	2.31474	0.73381	0.73381	0.8236
22406	2.74523	0.94996	0.94996	1.18691
22407	2.73417	1.033	1.033	1.18727
22408	2.55632	0.97004	0.97004	1.01329
22409	2.57151	0.95925	0.95925	1.01698
22410	2.65302	1.06713	1.06713	1.08973
22411	2.62265	1.06293	1.06293	1.08938
22412	2.67543	1.02853	1.02853	1.03398
22413	2.67659	0.99378	0.99378	0.9963
22414	2.63709	0.81845	0.81845	0.79052
22415	2.63189	1.00704	1.00704	1.15334
22416	2.60523	1.01449	1.01449	1.14674
22417	2.52932	0	0	0
22418	2.64733	0.78771	0.78771	0.92755
22419	2.6474	0.90162	0.90162	1.02579
22420	2.69702	0.97826	0.97826	1.21235
22421	2.61637	0.83128	0.83128	0.84266
22422	2.42696	0.75038	0.75038	0.77563
22423	2.43812	0.41098	0.41098	0.69445
22424	2.59585	0.81951	0.81951	0.76213
22425	2.63546	0.78518	0.78518	0.79019
22426	2.68326	1.15859	1.15859	1.29762

22427	2.69075	1.15827	1.15827	1.30025
22428	2.45168	0.75168	0.75168	0.72472
22429	2.4505	0.84003	0.84003	0.85631
22430	2.67374	0.98969	0.98969	1.29375
22431	2.99723	1.26069	1.26069	1.3602
22432	2.99432	1.25847	1.25847	1.35595
22433	2.44056	0	0	0
22434	2.8578	0.9487	0.9487	1.11834
22435	2.83492	0.98843	0.98843	1.15917
22436	2.83684	1.00101	1.00101	1.16929
22437	2.6184	0.17235	0.17235	0.28541
22438	2.31338	0.86673	0.86673	0.85107
22439	2.42991	0	0	0
22440	2.56216	0.91458	0.91458	1.033
22441	2.86457	1.0317	1.0317	1.23318
22442	2.84691	1.12092	1.12092	1.26317
22443	2.8431	1.13772	1.13772	1.26263
22444	2.68496	1.02906	1.02906	1.22157
22445	2.67783	1.03768	1.03768	1.22896
22446	2.68053	1.07173	1.07173	1.27869
22447	2.48364	0	0	0
22448	2.5258	0.98063	0.98063	1.05065
22449	2.52414	1.01334	1.01334	1.10041
22450	2.50791	0.82045	0.82045	0.91786
22451	2.43652	0.89854	0.89854	0.94487
22452	2.83354	0.63347	0.63347	0.89082
22453	2.79917	0.82558	0.82558	0.87235
22454	2.58241	1.08138	1.08138	1.14343
22455	2.56929	1.06898	1.06898	1.09611
22456	2.46551	0.8109	0.8109	0.82129
22457	2.82188	0.82067	0.82067	0.8869
22458	2.29798	0.7947	0.7947	0.77462
22459	2.58136	0.99506	0.99506	1.10845
22460	2.58092	0.76473	0.76473	0.9298
22461	2.40629	0.05484	0.05484	0.08304
22462	2.39918	0	0	0
22463	2.5689	0.88892	0.88892	0.89646
22464	2.63532	1.01887	1.01887	1.21024
22465	2.65903	0.88232	0.88232	1.04002
22466	2.65335	0.81578	0.81578	1.02107
22467	2.61147	0.87624	0.87624	0.92251

22468	2.50775	0.28267	0.28267	0.40211
22469	2.55944	1.01783	1.01783	1.18419
22470	2.38751	0.816	0.816	0.79994
22471	2.58012	1.06314	1.06314	1.1452
22472	2.5338	0.88747	0.88747	0.92117
22473	2.48726	1.03108	1.03108	1.07938
22474	2.48875	1.04573	1.04573	1.09452
22475	2.69045	0.79873	0.79873	0.86594
22476	2.68609	0.87751	0.87751	0.98298
22477	2.5502	0.95136	0.95136	0.99493
22478	2.39567	0.81772	0.81772	0.80422
22479	2.62772	1.14837	1.14837	1.1611
22480	2.63033	1.21172	1.21172	1.29594
22481	2.34986	0.80075	0.80075	0.77371
22482	2.35276	0.37976	0.37976	0.54174
22483	2.44704	0.87239	0.87239	0.89577
22484	2.44624	1.00127	1.00127	1.07726
22485	2.44359	1.03891	1.03891	1.12931
22486	2.43248	0	0	0
22487	2.58353	0.75973	0.75973	0.70771
22488	2.55349	0.7481	0.7481	1.18788
22489	2.55054	0.90605	0.90605	0.96391
22490	2.55118	0.9691	0.9691	1.0107
22491	2.4829	0.36966	0.36966	0.51284
22492	2.51434	0	0	0
22493	2.69878	0.82782	0.82782	0.86253
22494	2.72808	0.72678	0.72678	0.82491
22495	2.72967	0.76105	0.76105	0.82815
22496	2.72887	0.86739	0.86739	0.95277
22497	2.37379	0	0	0
22498	2.44932	0.68594	0.68594	0.83051
22499	2.50989	0	0	0
22500	2.64321	1.04165	1.04165	1.15255
22501	2.64487	0.90959	0.90959	0.97222
22502	2.53194	0.81066	0.81066	0.80595
22503	2.53187	0	0	0
22504	2.30399	0.97489	0.97489	0.9892
22505	2.34248	0.7354	0.7354	0.76959
22506	2.49571	0.74045	0.74045	0.82566
22507	2.70441	1.02664	1.02664	1.23955
22508	2.47588	0.80898	0.80898	0.86233

22509	2.58479	0.74682	0.74682	0.7097
22510	2.73294	1.00556	1.00556	1.05663
22511	2.32064	0.25949	0.25949	0.40114
22512	2.36122	1.06905	1.06905	1.13972
22513	2.40888	0.96842	0.96842	1.06783
22514	2.40017	0.97419	0.97419	1.0572
22515	2.59648	0.24913	0.24913	0.3149
22516	2.42838	0.40993	0.40993	0.76526
22517	2.60212	0.90616	0.90616	0.85797
22518	2.7854	1.2098	1.2098	1.2569
22519	2.78214	1.21315	1.21315	1.26213
22520	2.78336	1.2135	1.2135	1.26513
22521	2.77885	1.21239	1.21239	1.26498
22522	2.77364	1.21231	1.21231	1.26428
22523	2.76941	1.21114	1.21114	1.26826
22524	2.76031	1.21162	1.21162	1.27201
22525	2.58391	0.83613	0.83613	0.88696
22526	2.5215	0.79921	0.79921	0.80047
22527	2.53298	1.0093	1.0093	1.12848
22528	2.72242	0.91313	0.91313	0.99757
22529	2.72045	0.88066	0.88066	0.94723
22530	2.53479	0.8144	0.8144	0.83319
22531	2.53577	0.99708	0.99708	1.05531
22532	2.53596	0.05506	0.05506	0.0788
22533	2.32769	0.96183	0.96183	0.94788
22534	2.33188	0.95019	0.95019	0.99356
22535	2.55556	0	0	0
22536	2.51314	0.76488	0.76488	0.9869
22537	2.3723	0	0	0
22538	2.44134	0.68378	0.68378	0.97237
22539	2.72347	0.77102	0.77102	0.82974
22540	2.75186	0.92122	0.92122	1.06602
22541	2.69311	0.89102	0.89102	0.95649
22542	2.59815	0	0	0
22543	2.46529	0	0	0
22544	2.50352	0.97848	0.97848	1.04753
22545	2.62095	0.89738	0.89738	1.08508
22546	2.59867	0.78241	0.78241	0.79997
22547	2.60023	0.44644	0.44644	0.66854
22548	2.56676	0	0	0
22549	2.90918	0.91363	0.91363	1.01292

22550	2.92462	0.92704	0.92704	1.04834
22551	2.90245	0.95917	0.95917	1.06072
22552	2.90525	0.95668	0.95668	1.06761
22553	2.93751	1.29801	1.29801	1.3347
22554	2.90148	1.37325	1.37325	1.26604
22555	2.62587	1.14675	1.14675	1.29145
22556	2.62564	1.07635	1.07635	1.19481
22557	2.5953	0.81578	0.81578	1.19413
22558	2.42874	0.55965	0.55965	0.76921
22559	2.44267	0.90093	0.90093	0.93767
22560	2.44104	0.96818	0.96818	1.03879
22561	2.51692	0.76504	0.76504	0.76034
22562	2.43361	0.88997	0.88997	0.77895
22563	2.43433	0.94829	0.94829	0.95883
22564	2.89903	1.2461	1.2461	1.33594
22565	2.90238	1.24684	1.24684	1.33914
22566	2.90175	1.25333	1.25333	1.36411
22567	2.91525	1.2657	1.2657	1.41645
22568	2.3995	0	0	0
22569	2.41872	0.82166	0.82166	0.81806
22570	2.56085	1.10005	1.10005	1.24107
22571	2.5613	1.1127	1.1127	1.26096
22572	2.64485	0.08694	0.08694	0.16445
22573	2.64361	0.36036	0.36036	0.68145
22574	2.74232	0.45196	0.45196	0.87053
22575	2.82163	1.03504	1.03504	1.32272
22576	2.67398	0.97472	0.97472	1.05613
22577	2.58825	0.81097	0.81097	0.86168
22578	2.51593	0.44454	0.44454	0.6187
22579	2.51371	0.79301	0.79301	0.80261
22580	2.39957	0.86737	0.86737	0.87683
22581	2.4249	0.80151	0.80151	0.80336
22582	2.60066	0	0	0
22583	2.79759	0.75095	0.75095	0.77598
22584	2.80545	0.72278	0.72278	1.10201
22585	2.79081	0.9608	0.9608	1.09244
22586	2.62229	0	0	0
22587	2.27912	0.92182	0.92182	0.95612
22588	2.58683	0.8177	0.8177	0.89399
22589	2.42725	0.80561	0.80561	0.82222
22590	2.37564	0.1536	0.1536	0.07973

22591	2.37646	0.86819	0.86819	0.86166
22592	2.47405	1.07731	1.07731	1.18356
22593	2.44473	0.82494	0.82494	0.79441
22594	2.52077	1.00066	1.00066	1.13554
22595	2.52082	1.02789	1.02789	1.1419
22596	2.57618	0.78179	0.78179	1.09005
22597	3.10915	1.35428	1.35428	1.15438
22598	3.12937	1.35932	1.35932	1.02582
22599	2.92938	1.25966	1.25966	1.4193
22600	2.92793	1.26089	1.26089	1.41602
22601	2.56722	0.94399	0.94399	0.99089
22602	2.2542	0.79838	0.79838	0.76785
22603	2.50032	0	0	0
22604	2.28373	0.83843	0.83843	1.11891
22605	2.43483	0.8629	0.8629	1.12502
22606	2.48909	0.80868	0.80868	0.83209
22607	2.56593	0	0	0
22608	2.39442	0.80486	0.80486	0.85534
22609	2.57553	0.55445	0.55445	0.78481
22610	2.63829	0.95237	0.95237	1.09211
22611	2.63854	0.96032	0.96032	1.08583
22612	2.69124	0.82799	0.82799	0.89396
22613	2.69327	0.7384	0.7384	0.82818
22614	2.53914	0.33719	0.33719	0.5727
22615	2.56893	0.84366	0.84366	0.93488
22616	2.56633	0.79717	0.79717	1.07739
22617	2.5365	0.89281	0.89281	0.95016
22618	2.80237	1.09925	1.09925	1.19692
22619	2.32867	0.7825	0.7825	0.75569
22620	2.39348	0.73373	0.73373	0.687
22621	2.56343	0.92573	0.92573	0.96191
22622	2.64708	0.96229	0.96229	1.01504
22623	2.70637	0.75115	0.75115	0.95526
22624	2.68324	1.00763	1.00763	1.07521
22625	2.68955	0.99758	0.99758	1.07333
22626	2.68358	0.84304	0.84304	1.00223
22627	2.50233	0	0	0
22628	2.42235	0	0	0
22629	2.36275	0.23079	0.23079	0.32106
22630	2.58428	0	0	0
22631	2.39407	0.80599	0.80599	0.80219

22632	2.68394	1.25158	1.25158	1.26005
22633	2.67932	1.249	1.249	1.2102
22634	2.67907	1.24792	1.24792	1.19259
22635	2.70184	0.85112	0.85112	1.0301
22636	2.5168	0.9441	0.9441	1.02247
22637	2.53701	1.01753	1.01753	1.10584
22638	2.85712	0.63571	0.63571	0.7026
22639	2.48842	1.01394	1.01394	1.05461
22640	2.60589	0.79218	0.79218	0.81929
22641	2.38148	0.93221	0.93221	0.97148
22642	2.46327	0.40818	0.40818	0.5565
22643	2.48693	0.94648	0.94648	0.9895
22644	2.69678	0	0	0
22645	2.53159	0.91238	0.91238	0.97169
22646	2.62983	0.38515	0.38515	0.59892
22647	2.63237	0.74463	0.74463	0.74964
22648	2.42845	0.81385	0.81385	0.80505
22649	2.42095	1.0773	1.0773	1.15691
22650	2.54972	0.82614	0.82614	0.82684
22651	2.40187	0.80943	0.80943	0.79891
22652	2.53709	0.7553	0.7553	0.73395
22653	2.62837	1.01069	1.01069	1.09926
22654	2.56193	1.01122	1.01122	1.23413
22655	2.55859	1.04828	1.04828	1.28592
22656	2.58306	0.88429	0.88429	0.92863
22657	2.37763	0	0	0
22658	2.61738	0.82428	0.82428	0.84863
22659	2.67304	0.91827	0.91827	0.99354
22660	2.6725	0.98919	0.98919	1.06706
22661	2.45031	0	0	0
22662	2.48437	0	0	0
22663	2.56845	0.76025	0.76025	0.70156
22664	2.53557	0.86473	0.86473	0.93082
22665	2.39045	0	0	0
22666	2.45064	0.50201	0.50201	0.70829
22667	2.47994	0.602	0.602	0.80893
22668	2.6756	0.88253	0.88253	0.97112
22669	2.51488	0.91485	0.91485	0.95288
22670	2.50547	0.90438	0.90438	0.93449
22671	2.58048	0.9651	0.9651	1.00478
22672	2.57693	0.94684	0.94684	1.01013

22673	2.17512	0.8832	0.8832	0.86837
22674	2.55647	0.82106	0.82106	0.83809
22675	2.53156	0.92664	0.92664	0.99209
22676	2.44764	0.46675	0.46675	0.65352
22677	2.53513	0	0	0
22678	2.39572	0.62351	0.62351	0.74597
22679	2.35965	1.06791	1.06791	1.09015
22680	2.5362	0.5496	0.5496	0.69027
22681	2.39012	0	0	0
22682	2.64008	1.03367	1.03367	1.12044
22683	2.87502	1.3888	1.3888	1.29788
22684	2.36377	0.54188	0.54188	0.79875
22685	2.48789	0.84331	0.84331	0.84533
22686	2.5096	0.67195	0.67195	0.93681
22687	2.54166	0.85849	0.85849	0.93163
22688	2.43674	0	0	0
22689	2.59285	0.97292	0.97292	1.12298
22690	2.59579	0.67277	0.67277	0.905
22691	2.42724	0.83871	0.83871	0.81717
22692	2.42821	0	0	0
22693	2.4957	0.93817	0.93817	0.98466
22694	2.72893	0	0	0
22695	2.60755	0.78819	0.78819	0.95014
22696	2.50658	0.86358	0.86358	0.91564
22697	2.48217	0.80954	0.80954	0.82802
22698	2.40887	0	0	0
22699	2.45354	0.96063	0.96063	1.00362
22700	2.45427	0.97342	0.97342	1.01771
22701	2.51299	0.97358	0.97358	1.06522
22702	2.5148	0.92826	0.92826	0.99471
22703	2.54632	0.80501	0.80501	0.99472
22704	2.56207	0.85361	0.85361	1.10994
22705	2.4849	0	0	0
22706	2.44634	0.56196	0.56196	0.76609
22707	2.46427	0.94509	0.94509	1.03499
22708	2.4634	0.78594	0.78594	1.03184
22709	2.61936	0.916	0.916	0.99655
22710	2.60576	1.03415	1.03415	1.12397
22711	2.58173	1.0212	1.0212	1.12901
22712	2.56481	0.8618	0.8618	0.92607
22713	2.51767	1.06888	1.06888	1.13255

22714	2.23788	0	0	0
22715	2.4938	0.91713	0.91713	0.89458
22716	2.68073	0.62122	0.62122	0.79339
22717	2.72989	0.93693	0.93693	1.14684
22718	2.57972	0.80152	0.80152	0.79729
22719	2.57378	0.75033	0.75033	0.78356
22720	2.64393	0	0	0
22721	2.47119	0.97423	0.97423	1.03874
22722	2.37121	0.89095	0.89095	0.9107
22723	2.37276	0	0	0
22724	2.56216	0	0	0
22725	2.43263	0.97312	0.97312	1.03629
22726	2.43196	0.89594	0.89594	0.93305
22727	2.73327	1.33611	1.33611	1.26938
22728	2.74766	1.34031	1.34031	1.27843
22729	2.74652	1.34676	1.34676	1.17599
22730	2.24388	0.79503	0.79503	0.75699
22731	2.5063	0.86996	0.86996	0.92811
22732	2.40631	0	0	0
22733	2.58751	0.87848	0.87848	0.9024
22734	2.69445	0.76879	0.76879	0.7667
22735	2.68891	1.20075	1.20075	1.30976
22736	2.69416	1.21615	1.21615	1.3315
22737	2.69606	1.22711	1.22711	1.34701
22738	2.69575	1.22811	1.22811	1.2881
22739	2.6979	1.22833	1.22833	1.28816
22740	2.69819	1.22901	1.22901	1.28379
22741	2.68769	1.23027	1.23027	1.27931
22742	2.68815	1.27282	1.27282	1.3612
22743	2.6365	0.48323	0.48323	0.62655
22744	2.50586	0.77937	0.77937	0.75768
22745	2.51997	0	0	0
22746	2.79786	0.90166	0.90166	1.15628
22747	2.78958	0.94301	0.94301	1.24316
22748	2.78268	0.82222	0.82222	1.17956
22749	2.59423	1.0746	1.0746	1.21352
22750	2.39432	0	0	0
22751	2.35799	1.00359	1.00359	1.18928
22752	2.65186	0.99112	0.99112	1.08004
22753	2.65371	1.00057	1.00057	1.09289
22754	2.49899	0.90448	0.90448	0.96128

22755	2.57282	0.82728	0.82728	0.84623
22756	2.57109	0.89744	0.89744	0.93927
22757	2.56844	0.97936	0.97936	1.05026
22758	2.56661	0.17462	0.17462	0.23248
22759	2.60406	0.79023	0.79023	0.84792
22760	2.51283	0.92724	0.92724	1.08707
22761	2.386	0.80605	0.80605	0.79981
22762	2.50297	0.87121	0.87121	0.88802
22763	2.58122	0.80935	0.80935	0.74372
22764	2.58514	0.8697	0.8697	0.83474
22765	2.33885	0.80256	0.80256	0.78727
22766	2.33682	0.87065	0.87065	0.87377
22767	2.91929	1.3735	1.3735	1.36093
22768	2.91177	1.37438	1.37438	1.20468
22769	2.50432	0.22887	0.22887	0.12059
22770	2.76781	0.87691	0.87691	0.83978
22771	2.7932	0.86107	0.86107	0.83687
22772	2.79291	0.80884	0.80884	0.7418
22773	2.69282	0	0	0
22774	2.32937	0.99676	0.99676	1.02452
22775	2.70755	0	0	0
22776	2.61473	0	0	0
22777	2.65125	0.92538	0.92538	0.95437
22778	2.6525	0.75925	0.75925	0.76861
22779	2.83412	1.26627	1.26627	1.32615
22780	2.86852	1.26526	1.26526	1.34617
22781	2.71804	1.30396	1.30396	1.1375
22782	2.27971	0.9367	0.9367	0.95238
22783	2.54574	0	0	0
22784	2.88642	1.16633	1.16633	1.2418
22785	2.44721	0.80632	0.80632	0.80693
22786	2.58322	0.99193	0.99193	1.18342
22787	2.57903	0.91948	0.91948	1.05448
22788	2.51275	0.82688	0.82688	0.83433
22789	2.5509	0.97751	0.97751	1.07404
22790	2.55729	0.94553	0.94553	1.0213
22791	2.56801	0.98189	0.98189	1.18139
22792	2.69091	0.83486	0.83486	0.85206
22793	2.42448	0	0	0
22794	2.36864	0.12524	0.12524	0.1647
22795	2.32431	0.85294	0.85294	0.8608

22796	2.43198	0.788	0.788	0.79849
22797	2.53646	0.37658	0.37658	0.50531
22798	2.65162	0.90675	0.90675	0.95207
22799	2.60424	0.82232	0.82232	0.9163
22800	2.59242	0.21247	0.21247	0.24325
22801	2.60812	0	0	0
22802	2.79657	1.14225	1.14225	1.21202
22803	2.79151	1.13628	1.13628	1.19382
22804	2.79216	1.13329	1.13329	1.19265
22805	2.5779	0.91055	0.91055	0.88555
22806	2.57438	0.79071	0.79071	0.92421
22807	2.67258	0.76005	0.76005	0.71772
22808	2.67704	0.59883	0.59883	0.88612
22809	2.7405	0.96796	0.96796	1.13799
22810	2.97141	1.32339	1.32339	1.35421
22811	2.95809	1.32976	1.32976	1.39758
22812	2.96487	1.33202	1.33202	1.39085
22813	2.84348	0.65115	0.65115	0.74826
22814	2.69077	0.8101	0.8101	0.72863
22815	2.36092	0.87972	0.87972	0.91355
22816	2.58526	0.61347	0.61347	0.81367
22817	2.50737	0	0	0
22818	2.46383	0	0	0
22819	2.56935	1.00488	1.00488	1.14903
22820	2.58112	1.00032	1.00032	1.16531
22821	2.56803	0.98211	0.98211	1.16162
22822	2.44937	1.15965	1.15965	1.23034
22823	2.70653	0.92729	0.92729	0.97622
22824	2.6866	0.8944	0.8944	0.92333
22825	2.69122	1.05626	1.05626	1.14708
22826	2.69716	1.12476	1.12476	1.24269
22827	2.68407	0.97845	0.97845	1.17129
22828	2.47228	0.81391	0.81391	0.82957
22829	2.83915	0.83834	0.83834	0.88546
22830	2.833	0.77376	0.77376	0.77532
22831	2.62732	1.24336	1.24336	1.24238
22832	2.62034	0.61466	0.61466	0.61741
22833	2.77011	0.87893	0.87893	0.95561
22834	2.7766	0.82318	0.82318	0.86802
22835	2.56617	0.94103	0.94103	1.04761
22836	2.71497	1.15464	1.15464	1.2534

22837	2.73793	1.07316	1.07316	1.21957
22838	2.46014	1.01722	1.01722	1.0783
22839	2.45977	0.68002	0.68002	0.88148
22840	2.35405	0.78721	0.78721	0.88984
22841	2.5845	0.91404	0.91404	1.05331
22842	2.63715	0.88886	0.88886	0.91177
22843	2.56213	0.31715	0.31715	0.43784
22844	2.68139	0	0	0
22845	2.47674	0.86785	0.86785	0.90175
22846	2.53991	0.9926	0.9926	1.0495
22847	2.50209	0.97546	0.97546	1.05622
22848	2.64743	0.88472	0.88472	0.96747
22849	2.43623	1.02531	1.02531	1.02055
22850	2.32042	0	0	0
22851	2.5899	0.64945	0.64945	0.92146
22852	2.63266	1.01798	1.01798	1.1181
22853	2.58378	0.93068	0.93068	0.99757
22854	2.5828	0.94864	0.94864	1.02142
22855	2.38065	1.10209	1.10209	1.17603
22856	2.37977	1.0943	1.0943	1.17487
22857	2.76498	0	0	0.25007
22858	2.76017	0.88159	0.88159	0.91733
22859	2.5262	0.88813	0.88813	0.89884
22860	2.53328	1.01469	1.01469	1.10848
22861	2.53267	1.00211	1.00211	1.09108
22862	2.53238	0.96631	0.96631	1.03792
22863	2.36908	0	0	0
22864	2.34344	0.1099	0.1099	0.15096
22865	2.31098	0	0	0
22866	2.66479	0.95085	0.95085	1.01491
22867	2.32163	0.91026	0.91026	0.96474
22868	2.35879	0.74637	0.74637	0.75636
22869	2.36748	0.81198	0.81198	0.79348
22870	2.47358	0.65896	0.65896	0.96199
22871	2.63906	0	0	0
22872	2.65819	0.96638	0.96638	1.04378
22873	2.65619	0.87562	0.87562	0.91639
22874	2.32544	0.98376	0.98376	1.0724
22875	2.79238	1.09624	1.09624	1.32837
22876	2.79116	1.08616	1.08616	1.32392
22877	2.77779	0.90118	0.90118	1.28047

22878	2.61739	0.52337	0.52337	0.71498
22879	2.62372	0.80669	0.80669	0.98298
22880	2.32336	1.01073	1.01073	1.12939
22881	2.32359	0.98917	0.98917	1.08203
22882	2.32928	0.94487	0.94487	1.00284
22883	2.69089	0	0	0
22884	2.46186	0	0	0
22885	2.39712	0	0	0
22886	2.37086	0.99399	0.99399	1.04807
22887	2.37235	0.83577	0.83577	0.8053
22888	2.91268	0.97041	0.97041	1.22145
22889	2.59184	0.64953	0.64953	0.78772
22890	2.62752	0.853	0.853	0.94932
22891	2.49446	0.92767	0.92767	0.97919
22892	2.57014	0.94564	0.94564	1.02622
22893	2.31439	0.57866	0.57866	0.82268
22894	2.63116	1.24567	1.24567	1.24751
22895	2.62669	1.24563	1.24563	1.24694
22896	2.55298	0.82258	0.82258	0.83839
22897	2.42176	0.96108	0.96108	1.00958
22898	2.56561	0.5127	0.5127	0.74596
22899	2.47006	0.80259	0.80259	0.76191
22900	2.42795	0.81697	0.81697	0.80993
22901	2.38986	0.96	0.96	1.15955
22902	2.47204	0.75176	0.75176	0.73776
22903	2.99109	1.4359	1.4359	1.33364
22904	3.02488	1.43657	1.43657	1.33333
22905	2.46742	0.9596	0.9596	1.12873
22906	2.46851	0.89905	0.89905	0.93884
22907	2.66519	0.92801	0.92801	1.15098
22908	2.59525	0	0	0
22909	2.58271	0	0	0
22910	2.5564	0.91281	0.91281	0.95561
22911	2.51077	1.03779	1.03779	1.11865
22912	2.51436	1.01678	1.01678	1.07997
22913	2.41489	0	0	0
22914	2.54501	0	0	0
22915	2.62126	0.8661	0.8661	0.91771
22916	2.44903	0.73591	0.73591	0.70849
22917	2.41932	0.44968	0.44968	0.5853
22918	2.6472	0.74234	0.74234	0.76736

22919	2.46178	0.89932	0.89932	0.94589
22920	2.71261	0.60069	0.60069	0.81855
22921	2.75312	1.08233	1.08233	1.27731
22922	2.73187	0.91865	0.91865	0.89686
22923	2.72976	0.85173	0.85173	0.84481
22924	2.73015	0.21238	0.21238	0.14522
22925	2.43581	0.97474	0.97474	1.02967
22926	2.57213	1.07271	1.07271	1.14687
22927	2.69732	1.1755	1.1755	1.19559
22928	2.69092	1.16793	1.16793	1.19046
22929	2.48869	0	0	0
22930	2.56525	1.02424	1.02424	1.11941
22931	2.40875	1.11192	1.11192	1.17054
22932	2.55699	0.95068	0.95068	1.04714
22933	2.52386	0.81713	0.81713	0.8317
22934	2.58149	0.83544	0.83544	0.83384
22935	2.66724	1.00257	1.00257	0.96084
22936	2.65211	0.88703	0.88703	0.93492
22937	2.47229	0	0	0
22938	2.74232	1.21908	1.21908	1.22469
22939	2.74302	1.21972	1.21972	1.23036
22940	2.74366	1.2202	1.2202	1.22806
22941	2.70964	1.02617	1.02617	1.10381
22942	2.51048	0	0	0
22943	2.5815	0.73267	0.73267	0.95049
22944	2.80586	0.86053	0.86053	1.08399
22945	2.58679	0.89883	0.89883	0.93966
22946	2.5239	0.92685	0.92685	1.04818
22947	2.29446	0.80733	0.80733	0.7686
22948	2.75278	0.67086	0.67086	0.8753
22949	2.73789	0.83883	0.83883	0.87483
22950	2.65465	0.94605	0.94605	1.00666
22951	2.63351	0	0	0
22952	2.39845	0.69561	0.69561	0.82182
22953	2.78751	0.51801	0.51801	0.71297
22954	2.79256	0.65461	0.65461	0.90613
22955	2.71173	1.02245	1.02245	1.12988
22956	2.71149	0.88386	0.88386	0.88816
22957	2.70224	0.75196	0.75196	0.66942
22958	2.70752	0.8918	0.8918	0.93127
22959	2.51323	0	0	0

22960	2.58881	0.81919	0.81919	0.83842
22961	2.59671	0	0	0
22962	2.68926	1.04961	1.04961	1.09064
22963	2.68725	1.03169	1.03169	1.08003
22964	2.34264	0.8018	0.8018	0.7909
22965	2.35852	0.23137	0.23137	0.41109
22966	2.45192	0.82865	0.82865	1.00077
22967	2.58238	0	0	0
22968	2.61941	0.77502	0.77502	0.84024
22969	2.50926	0.82825	0.82825	0.82333
22970	2.74008	1.26572	1.26572	1.23219
22971	2.76164	0.7695	0.7695	0.91869
22972	2.75262	0.78993	0.78993	0.9115
22973	2.51813	0.80667	0.80667	0.81359
22974	2.42239	1.02165	1.02165	1.1547
22975	2.67074	1.22618	1.22618	1.29441
22976	2.59372	0.55108	0.55108	0.83176
22977	2.51971	0.45503	0.45503	0.69592
22978	2.75383	1.12392	1.12392	1.25472
22979	2.75829	1.11941	1.11941	1.25356
22980	2.76581	1.05548	1.05548	1.2457
22981	2.63644	0.97723	0.97723	1.18717
22982	2.63607	0.96154	0.96154	1.1872
22983	2.63621	0.86156	0.86156	1.15525
22984	2.72938	0.91576	0.91576	1.12798
22985	2.43102	0.80021	0.80021	0.90992
22986	2.43362	0.82567	0.82567	0.90967
22987	2.52869	0	0	0
22988	2.62332	0	0	0
22989	2.3395	0.77909	0.77909	0.77189
22990	2.4659	0.80995	0.80995	0.83399
22991	2.3883	0.78291	0.78291	0.72644
22992	2.4748	0	0	0
22993	2.67732	1.0348	1.0348	1.1554
22994	2.48488	0.97978	0.97978	1.07293
22995	2.59097	0.80648	0.80648	0.84453
22996	2.61483	1.1214	1.1214	1.23159
22997	2.61523	1.11947	1.11947	1.25224
22998	2.51789	0.75071	0.75071	0.77551
22999	2.53485	0.93951	0.93951	1.02496
23000	2.5492	1.19631	1.19631	1.27563

23001	2.3081	0.12446	0.12446	0.20523
23002	2.29476	0	0	0
23003	2.52903	0.82391	0.82391	0.82837
23004	2.52497	1.07683	1.07683	1.20967
23005	2.52662	1.07116	1.07116	1.2024
23006	2.66206	1.02096	1.02096	1.10643
23007	2.57174	0.17615	0.17615	0.32341
23008	2.56179	0.81558	0.81558	0.99016
23009	2.70537	0	0	0
23010	2.46433	0	0	0
23011	2.571	0.93852	0.93852	0.97074
23012	2.52067	0.22062	0.22062	0.28129
23013	2.54372	0.96094	0.96094	1.02968
23014	2.51105	1.00668	1.00668	1.042
23015	2.51297	1.02661	1.02661	1.06944
23016	2.50598	0.93034	0.93034	0.9667
23017	2.50628	0.8445	0.8445	0.88718
23018	2.69707	0.82892	0.82892	0.8903
23019	2.58388	0	0	0
23020	2.45832	0.87107	0.87107	0.91573
23021	2.57199	1.03187	1.03187	1.14027
23022	2.55172	1.0532	1.0532	1.2182
23023	2.54066	1.05653	1.05653	1.20852
23024	2.66299	0.95587	0.95587	1.06733
23025	2.64482	0.59246	0.59246	0.84631
23026	2.59194	1.0937	1.0937	1.251
23027	2.57927	1.09755	1.09755	1.24746
23028	2.74763	0.72797	0.72797	1.07161
23029	2.75178	0.91534	0.91534	1.0631
23030	2.75763	1.00202	1.00202	1.06544
23031	2.43836	0	0	0
23032	2.4663	0	0	0
23033	2.5421	0.74502	0.74502	0.7758
23034	2.53561	0.94567	0.94567	1.02254
23035	2.54527	0.89933	0.89933	0.9395
23036	2.57473	0.67973	0.67973	0.84516
23037	2.60348	0.9828	0.9828	1.05812
23038	2.60297	0.89679	0.89679	0.89128
23039	2.54051	0.96344	0.96344	1.17006
23040	2.69683	0	0	0
23041	2.59401	0.98561	0.98561	1.03661

23042	2.37302	0.83553	0.83553	0.86895
23043	2.31199	0.79275	0.79275	0.78938
23044	2.42449	0.81325	0.81325	0.81324
23045	2.55128	0	0	0
23046	2.38523	0.81586	0.81586	0.79082
23047	2.52643	1.04273	1.04273	1.05126
23048	2.54449	1.08368	1.08368	1.138
23049	2.54493	1.03011	1.03011	1.06535
23050	2.49642	0.90685	0.90685	1.07852
23051	2.49686	0.82316	0.82316	0.84083
23052	2.40333	1.02507	1.02507	1.10235
23053	2.75196	1.15099	1.15099	1.27244
23054	2.40503	1.01129	1.01129	1.12758
23055	2.51109	0.90901	0.90901	0.97583
23056	2.52111	0.80522	0.80522	0.82075
23057	2.6644	1.12788	1.12788	1.16596
23058	2.30245	0.87993	0.87993	0.90043
23059	2.40069	0.84506	0.84506	0.92248
23060	2.38072	0.40548	0.40548	0.60038
23061	2.55236	0	0	0
23062	2.71075	0.85621	0.85621	0.93051
23063	2.52654	0.87925	0.87925	1.02301
23064	2.69769	0.50456	0.50456	0.70292
23065	2.48892	0.99458	0.99458	1.16528
23066	2.42717	0.80787	0.80787	0.81414
23067	2.71852	1.13439	1.13439	1.26608
23068	2.73578	0.71564	0.71564	0.77948
23069	2.6872	0.78299	0.78299	0.90854
23070	2.69206	0	0	0
23071	2.59705	0.69025	0.69025	0.82537
23072	2.57729	0.79076	0.79076	0.87154
23073	2.64149	0.98257	0.98257	1.06068
23074	2.65097	0.96941	0.96941	1.04581
23075	2.65273	0.96261	0.96261	1.05498
23076	2.65061	0.85816	0.85816	0.93562
23077	2.72172	1.25778	1.25778	1.30578
23078	2.71078	1.1862	1.1862	1.24032
23079	2.71113	1.18927	1.18927	1.34091
23080	2.51236	0.9992	0.9992	1.19802
23081	2.43483	0.85819	0.85819	1.07112
23082	2.59702	0.84091	0.84091	0.92872

23083	2.58657	0.66653	0.66653	0.92603
23084	2.55133	0.89225	0.89225	0.8921
23085	2.52198	0.84901	0.84901	0.8822
23086	2.49615	0.81763	0.81763	0.8863
23087	2.77745	1.0629	1.0629	1.17759
23088	2.6684	1.04235	1.04235	0.97485
23089	2.64263	1.0477	1.0477	1.13544
23090	2.64163	1.10509	1.10509	1.20024
23091	2.64223	1.10994	1.10994	1.20232
23092	2.63832	1.13806	1.13806	1.24318
23093	2.69061	0.89399	0.89399	0.87092
23094	2.75912	1.00847	1.00847	1.11499
23095	2.76003	0.99835	0.99835	1.08158
23096	2.34546	0.5698	0.5698	0.86878
23097	2.34612	0.5492	0.5492	0.83785
23098	2.32389	1.01597	1.01597	1.1216
23099	2.48934	1.04354	1.04354	1.12276
23100	2.71968	0.95227	0.95227	0.99056
23101	2.43703	0	0	0
23102	2.62609	0.96524	0.96524	1.04322
23103	2.62593	0.94268	0.94268	1.02295
23104	2.51046	1.0204	1.0204	1.16533
23105	2.50776	1.02845	1.02845	1.17429
23106	2.43763	0.3656	0.3656	0.60103
23107	2.43829	0.28998	0.28998	0.47679
23108	2.47656	0	0	0
23109	2.74737	0.96446	0.96446	0.99188
23110	2.74706	1.02102	1.02102	1.07937
23111	2.7539	1.03316	1.03316	1.09607
23112	2.49838	0	0	0
23113	2.41719	0.74791	0.74791	0.72842
23114	2.50527	0.93817	0.93817	1.0109
23115	2.47596	0.56296	0.56296	0.73232
23116	2.48138	0.89574	0.89574	1.13757
23117	2.49135	0.86557	0.86557	0.89815
23118	2.48719	0.97352	0.97352	1.06127
23119	2.50022	1.03519	1.03519	1.10857
23120	2.79543	0	0	0
23121	2.85527	1.08847	1.08847	1.31204
23122	2.85665	1.08327	1.08327	1.30173
23123	2.52005	1.06166	1.06166	1.15529

23124	2.75225	0.94351	0.94351	0.97934
23125	2.46232	0.94758	0.94758	0.90919
23126	2.61745	0	0	0
23127	2.47884	0	0	0
23128	2.47831	0.91163	0.91163	0.94906
23129	2.59992	0.95907	0.95907	1.26874
23130	2.50858	0.9075	0.9075	0.80559
23131	2.6951	1.04859	1.04859	1.18811
23132	2.69434	1.08192	1.08192	1.23171
23133	2.80203	1.09012	1.09012	1.30115
23134	2.80928	1.08843	1.08843	1.34386
23135	2.75669	1.01748	1.01748	1.15275
23136	2.75924	0.98431	0.98431	1.13466
23137	2.50151	0	0	0
23138	2.71722	1.2007	1.2007	1.27276
23139	2.71552	1.19111	1.19111	1.26321
23140	2.62151	1.10692	1.10692	1.19138
23141	2.6204	1.11053	1.11053	1.18652
23142	2.57746	1.00173	1.00173	1.21909
23143	2.56914	1.02041	1.02041	1.22064
23144	2.60338	0.95574	0.95574	1.04146
23145	2.60457	0.15516	0.15516	0.23065
23146	2.46285	0.9556	0.9556	0.98585
23147	2.45837	1.07644	1.07644	1.14567
23148	2.60557	0.27445	0.27445	0.40421
23149	2.71502	0.8388	0.8388	0.86219
23150	2.38339	0.823	0.823	1.00876
23151	2.61978	0.74551	0.74551	0.7359
23152	2.43656	0.87439	0.87439	1.16129
23153	2.40412	1.04991	1.04991	1.1675
23154	2.3938	0.79133	0.79133	0.80912
23155	2.39045	0.75675	0.75675	0.86921
23156	2.30987	0.79863	0.79863	0.78962
23157	2.31877	0.80845	0.80845	0.77925
23158	2.44514	0	0	0
23159	2.61468	0.92949	0.92949	1.07708
23160	2.54089	0.8103	0.8103	0.83816
23161	2.4551	0.74032	0.74032	0.70136
23162	2.32323	0.81492	0.81492	0.79052
23163	2.74995	0	0	0
23164	2.74909	0.80041	0.80041	0.83893

23165	2.51991	0.80702	0.80702	0.83192
23166	2.51653	0	0	0
23167	2.37618	0.72946	0.72946	0.68329
23168	2.33823	0.91917	0.91917	0.96178
23169	2.36917	0.98087	0.98087	1.07971
23170	2.38761	0.89509	0.89509	0.95355
23171	2.40483	0.49342	0.49342	0.77585
23172	2.51396	0.92936	0.92936	0.96496
23173	2.51409	0	0	0
23174	2.38985	0.88611	0.88611	0.92947
23175	2.51113	1.02944	1.02944	1.04322
23176	2.49689	0.87678	0.87678	0.89123
23177	2.5348	1.10669	1.10669	1.2129
23178	2.43956	0	0	0
23179	2.56728	0.83818	0.83818	0.87074
23180	2.59973	0.9629	0.9629	1.12567
23181	2.40037	0.89048	0.89048	0.92688
23182	2.39994	0.95611	0.95611	1.02425
23183	2.39692	0.96636	0.96636	1.02471
23184	2.60149	0	0	0
23185	2.59693	0.86677	0.86677	0.95052
23186	2.47441	0.32368	0.32368	0.56781
23187	2.74871	0.90523	0.90523	0.95893
23188	2.746	0.97732	0.97732	1.04734
23189	2.73068	1.01714	1.01714	1.10204
23190	2.72706	1.03313	1.03313	1.11663
23191	2.28441	0.79009	0.79009	0.76418
23192	2.62982	0.88256	0.88256	1.03182
23193	2.58485	0.86654	0.86654	0.89464
23194	2.46246	0.80297	0.80297	0.87882
23195	2.74642	1.13412	1.13412	1.22089
23196	2.75136	1.12993	1.12993	1.2238
23197	2.55361	0.36707	0.36707	0.57342
23198	2.87388	0.87917	0.87917	0.97115
23199	2.82229	0.62272	0.62272	0.92832
23200	2.56747	0.74643	0.74643	0.72992
23201	2.5694	0	0	0
23202	2.41327	0.79467	0.79467	0.80188
23203	2.37853	0.8124	0.8124	0.80046
23204	2.65245	0.76434	0.76434	0.76224
23205	2.64514	0.82022	0.82022	0.84461

23206	2.64277	0.85297	0.85297	0.89163
23207	2.63696	0.763	0.763	0.7622
23208	2.60349	1.02046	1.02046	1.2071
23209	2.18837	0.71619	0.71619	0.63573
23210	2.69962	0.82831	0.82831	0.87473
23211	2.5617	1.03357	1.03357	1.16049
23212	2.56241	1.01331	1.01331	1.12989
23213	2.56264	0.84467	0.84467	0.88026
23214	2.6408	0	0	0
23215	2.43674	0.86564	0.86564	0.88807
23216	2.66448	1.09062	1.09062	1.2914
23217	2.69129	1.09398	1.09398	1.25132
23218	2.68262	0.8289	0.8289	0.86591
23219	2.58033	0.98624	0.98624	1.15136
23220	2.57751	0.93102	0.93102	0.96926
23221	2.72315	1.22381	1.22381	1.31196
23222	2.69624	1.22156	1.22156	1.2743
23223	2.46194	0.87847	0.87847	0.90853
23224	2.63865	0.83947	0.83947	0.91549
23225	2.37825	0.86706	0.86706	0.87325
23226	2.63664	1.177	1.177	1.27876
23227	2.63988	1.15636	1.15636	1.25217
23228	2.70432	1.01995	1.01995	1.11001
23229	2.69487	1.03305	1.03305	1.12688
23230	2.69166	0.95806	0.95806	1.16321
23231	2.69396	0.75051	0.75051	0.64184
23232	2.34507	0	0	0
23233	2.68831	0.80795	0.80795	0.71524
23234	2.68988	0.75092	0.75092	0.62343
23235	2.31474	0	0	0
23236	2.38126	0.79231	0.79231	0.82436
23237	2.79461	0.91543	0.91543	1.10446
23238	2.79582	0.96687	0.96687	1.08091
23239	2.49537	0.88883	0.88883	0.89144
23240	2.49585	0.90367	0.90367	0.97419
23241	2.58499	0.91853	0.91853	0.97256
23242	2.40997	0	0	0
23243	2.30621	0.89046	0.89046	0.90466
23244	2.56414	1.03474	1.03474	1.1274
23245	2.58576	1.02649	1.02649	1.10766
23246	2.58394	1.03791	1.03791	1.12624

23247	2.61646	1.05858	1.05858	1.17273
23248	2.42124	0.9309	0.9309	0.94144
23249	2.46683	0.90544	0.90544	1.04759
23250	2.46816	0.86857	0.86857	1.06249
23251	2.57554	0	0	0
23252	2.47327	1.00452	1.00452	1.05833
23253	2.55384	0.85384	0.85384	0.97776
23254	2.53324	0.64028	0.64028	0.8691
23255	2.36039	0.74373	0.74373	0.70357
23256	2.36191	0.141	0.141	0.19911
23257	2.66356	0.63021	0.63021	1.21402
23258	2.65779	0.87521	0.87521	1.24275
23259	2.42131	0	0	0
23260	2.37579	0.97264	0.97264	1.01113
23261	2.51344	0	0	0
23262	2.38216	0.82916	0.82916	0.91449
23263	2.53209	0.75517	0.75517	0.73424
23264	2.61749	1.07119	1.07119	1.15354
23265	2.6112	1.06751	1.06751	1.14756
23266	2.61276	0.89354	0.89354	0.92623
23267	2.61286	0.82267	0.82267	0.83387
23268	2.5358	0.93337	0.93337	0.91294
23269	2.39391	0	0	0
23270	2.42026	0.81895	0.81895	0.80114
23271	2.39938	0.29721	0.29721	0.44139
23272	2.43758	0.75397	0.75397	0.78462
23273	2.44217	0.35163	0.35163	0.44397
23274	2.54173	0.97423	0.97423	1.0262
23275	2.60367	0	0	0
23276	2.54377	0.91647	0.91647	1.00195
23277	2.54595	0.82737	0.82737	0.8446
23278	2.45456	0.83829	0.83829	0.85645
23279	2.96719	1.12958	1.12958	1.46429
23280	2.96202	1.09839	1.09839	1.40342
23281	2.46009	0	0	0
23282	2.58056	0.91511	0.91511	0.94954
23283	2.58653	0.87283	0.87283	0.90082
23284	2.52379	0.79673	0.79673	0.73101
23285	2.66604	0.98103	0.98103	1.17034
23286	2.66118	1.06008	1.06008	1.19231
23287	2.55953	0.57733	0.57733	0.71491

23288	2.3514	0.78522	0.78522	0.79459
23289	2.54398	0	0	0
23290	2.63756	0.9422	0.9422	1.00743
23291	2.82296	1.29966	1.29966	1.3031
23292	2.81399	1.30007	1.30007	1.30879
23293	2.81938	1.30167	1.30167	1.31015
23294	2.94135	1.12534	1.12534	1.39935
23295	2.93787	1.11269	1.11269	1.37878
23296	2.87091	0.8919	0.8919	0.98714
23297	2.49375	0	0	0
23298	2.42981	0.60185	0.60185	0.85101
23299	2.42365	0.91544	0.91544	0.97055
23300	2.56393	1.00894	1.00894	1.18029
23301	2.59553	0.92191	0.92191	0.98227
23302	2.59116	0.94482	0.94482	1.00039
23303	2.36733	0.9148	0.9148	0.94675
23304	2.36769	0.80695	0.80695	0.7954
23305	2.43621	1.05789	1.05789	1.1647
23306	2.43458	0.40939	0.40939	0.63031
23307	2.43375	0.75132	0.75132	0.72747
23308	2.42206	0.355	0.355	0.53438
23309	2.47133	0.20265	0.20265	0.29268
23310	2.47391	0.74225	0.74225	0.74128
23311	2.28542	0	0	0
23312	2.54357	0	0	0
23313	2.65012	0.82599	0.82599	0.85204
23314	2.52091	0.79626	0.79626	0.89155
23315	2.3854	0	0	0
23316	2.52785	0	0	0
23317	2.52677	0.75615	0.75615	0.76354
23318	2.34755	0	0	0
23319	2.63051	0.79667	0.79667	0.89937
23320	2.62767	0.8766	0.8766	1.07013
23321	2.62144	0.80952	0.80952	1.04116
23322	2.34767	0.85003	0.85003	0.9806
23323	2.45748	0.98574	0.98574	1.15903
23324	2.56873	1.04586	1.04586	1.11612
23325	2.56965	0.93068	0.93068	0.96981
23326	2.50087	0	0	0
23327	2.80328	1.18249	1.18249	1.33935
23328	2.79785	1.1969	1.1969	1.34434

23329	2.80878	1.20577	1.20577	1.34892
23330	2.42984	0.46983	0.46983	0.62456
23331	2.64471	0.87179	0.87179	0.9348
23332	2.65452	1.19662	1.19662	1.29378
23333	2.65803	1.19417	1.19417	1.29315
23334	2.66621	1.19058	1.19058	1.29132
23335	2.65463	1.09733	1.09733	1.15765
23336	2.65045	1.06769	1.06769	1.11643
23337	2.64661	1.05897	1.05897	1.11117
23338	2.64835	1.00845	1.00845	1.01183
23339	2.35272	0.90597	0.90597	0.94757
23340	2.72631	1.03911	1.03911	1.18299
23341	2.71178	1.06753	1.06753	1.18632
23342	2.45539	1.01692	1.01692	1.07203
23343	2.45772	1.00869	1.00869	1.06696
23344	2.45705	0.97214	0.97214	1.02146
23345	2.64064	0.81954	0.81954	0.84382
23346	2.60803	0.81583	0.81583	0.84248
23347	2.78842	0.58218	0.58218	0.83234
23348	3.01098	1.25562	1.25562	1.36784
23349	3.01876	1.23777	1.23777	1.35284
23350	3.03991	1.23565	1.23565	1.35451
23351	2.30356	0	0	0
23352	2.6209	0.50174	0.50174	0.66191
23353	2.67437	0.76004	0.76004	0.80964
23354	2.66583	0.93977	0.93977	1.27922
23355	2.68737	0.83501	0.83501	0.93994
23356	2.68407	0	0	0
23357	2.40932	0.65765	0.65765	0.85048
23358	2.41238	0.83198	0.83198	0.87515
23359	2.62552	0.98089	0.98089	1.13331
23360	2.61341	1.06554	1.06554	1.25905
23361	2.6009	1.0934	1.0934	1.3023
23362	2.73707	0	0	0
23363	2.59193	0.81482	0.81482	0.83452
23364	2.69982	0.38588	0.38588	0.59341
23365	2.48963	0.88112	0.88112	0.88954
23366	2.48863	0	0	0
23367	2.29312	0.94776	0.94776	0.97514
23368	2.31025	0.96863	0.96863	1.02019
23369	2.75341	1.48766	1.48766	0.93812

23370	2.65304	1.47739	1.47739	0.80301
23371	2.64059	1.29941	1.29941	0.89287
23372	2.64873	1.29874	1.29874	0.94491
23373	2.53678	0.98225	0.98225	1.15951
23374	2.53736	0.87667	0.87667	1.11944
23375	2.62889	1.13273	1.13273	1.23223
23376	2.63336	0.77366	0.77366	0.95156
23377	2.43534	0.87796	0.87796	0.89413
23378	2.6871	0.88202	0.88202	0.97002
23379	2.59284	0	0	0
23380	2.32968	0.7365	0.7365	0.77578
23381	2.76062	1.04897	1.04897	1.18694
23382	2.75621	1.06335	1.06335	1.20551
23383	2.75809	1.18314	1.18314	1.36084
23384	2.37559	0.92332	0.92332	0.96124
23385	2.38233	0	0	0
23386	2.19356	0.95929	0.95929	0.97235
23387	2.19371	0.94823	0.94823	0.95595
23388	2.66036	1.21802	1.21802	1.27436
23389	2.65951	1.21829	1.21829	1.27345
23390	2.49393	0.80621	0.80621	0.82422
23391	2.66965	0.82675	0.82675	1.13099
23392	2.45819	0.99692	0.99692	1.06015
23393	2.4728	0.99374	0.99374	1.06435
23394	2.47247	0.94228	0.94228	0.99361
23395	2.50771	0	0	0
23396	2.3631	0.55074	0.55074	0.7987
23397	2.47538	0	0	0
23398	2.4549	0.8069	0.8069	0.81218
23399	2.44622	0.83916	0.83916	0.84806
23400	2.42639	0.27205	0.27205	0.4149
23401	2.44763	0.41684	0.41684	0.57703
23402	2.44679	0.76319	0.76319	0.88646
23403	2.45423	0.84552	0.84552	1.16779
23404	2.27761	0.79634	0.79634	0.77119
23405	2.97624	0.79498	0.79498	1.01134
23406	2.63075	0	0	0
23407	3.02462	1.234	1.234	1.36033
23408	3.05777	1.22497	1.22497	1.355
23409	3.05936	1.22216	1.22216	1.34813
23410	2.51354	0	0	0

23411	2.60973	0.76363	0.76363	0.86747
23412	2.60036	0.91869	0.91869	0.99089
23413	2.59923	0.91081	0.91081	0.99472
23414	2.60365	0.91551	0.91551	1.02744
23415	2.60096	0.89982	0.89982	0.99498
23416	2.43708	0.90208	0.90208	1.17334
23417	2.48578	0.34552	0.34552	0.50955
23418	2.48504	0.88241	0.88241	0.92496
23419	2.72192	1.06646	1.06646	1.19287
23420	2.74087	1.12824	1.12824	1.22854
23421	2.66068	0.74672	0.74672	0.79181
23422	2.83545	0.90477	0.90477	1.18706
23423	2.81894	1.27001	1.27001	1.2349
23424	2.40306	0.88065	0.88065	0.92768
23425	2.47788	0.51489	0.51489	0.85218
23426	2.64828	0	0	0
23427	2.51876	0	0	0
23428	2.42334	1.04702	1.04702	1.15111
23429	2.43082	1.06039	1.06039	1.1594
23430	2.43732	1.09352	1.09352	1.12648
23431	2.45761	0.75341	0.75341	0.75807
23432	2.84664	1.15576	1.15576	1.33271
23433	2.83605	1.1546	1.1546	1.33097
23434	2.82571	1.15304	1.15304	1.3269
23435	2.8053	1.02965	1.02965	1.26577
23436	2.52716	1.09793	1.09793	1.21137
23437	2.52332	0.85059	0.85059	0.86815
23438	2.75605	1.21729	1.21729	1.23286
23439	2.75742	1.21479	1.21479	1.22703
23440	2.53852	0.2827	0.2827	0.52236
23441	2.69009	0.93374	0.93374	1.11121
23442	2.68918	0.89594	0.89594	1.03927
23443	2.68956	0	0	0
23444	2.57783	1.05871	1.05871	1.21202
23445	2.58717	1.04545	1.04545	1.20383
23446	2.38236	0	0	0
23447	2.7274	1.09209	1.09209	1.19873
23448	2.72787	1.10515	1.10515	1.2238
23449	2.57212	0.99598	0.99598	1.05301
23450	2.50014	0.93262	0.93262	0.99803
23451	2.29687	0.98626	0.98626	1.10124

23452	2.81923	0	0	0
23453	2.70517	0.05681	0.05681	0.086
23454	2.25281	0	0	0
23455	2.74081	0.84275	0.84275	0.971
23456	2.60982	0.98293	0.98293	0.96895
23457	2.58965	0.9218	0.9218	0.96974
23458	2.3982	0.85746	0.85746	0.90044
23459	2.33797	0.70096	0.70096	1.08572
23460	2.34366	0.78202	0.78202	1.09914
23461	2.52378	0.87287	0.87287	0.9286
23462	2.59331	0.8986	0.8986	0.91423
23463	2.4691	1.17791	1.17791	1.24832
23464	2.38038	0.73146	0.73146	0.7003
23465	2.26373	0	0	0
23466	2.39578	0	0	0
23467	2.39908	0.81743	0.81743	0.79707
23468	2.3937	0	0	0
23469	2.48654	0.35192	0.35192	0.60231
23470	2.48	1.08263	1.08263	1.13709
23471	2.63186	0	0	0
23472	2.69299	0.96809	0.96809	1.17266
23473	2.47084	0.91808	0.91808	1.04488
23474	2.51164	0.84754	0.84754	0.87273
23475	2.51194	0.95382	0.95382	1.028
23476	2.65817	1.09256	1.09256	1.26536
23477	2.67013	1.08524	1.08524	1.25865
23478	2.67797	1.07267	1.07267	1.2403
23479	2.68575	1.06296	1.06296	1.22677
23480	2.3993	0.44615	0.44615	0.68352
23481	2.51497	0.75252	0.75252	0.71019
23482	2.6547	0.82161	0.82161	0.81227
23483	2.51475	0.81059	0.81059	0.76581
23484	2.39796	0.23879	0.23879	0.39753
23485	2.39454	0.56722	0.56722	0.83623
23486	2.40469	0	0	0
23487	2.58699	0.96996	0.96996	1.20425
23488	2.68978	0.76858	0.76858	0.99395
23489	2.69411	0.90126	0.90126	1.06698
23490	2.40885	1.0876	1.0876	1.08498
23491	2.56723	1.08031	1.08031	1.12454
23492	2.58205	1.01969	1.01969	1.06207

23493	2.40096	0	0	0.22161
23494	2.53406	0.56393	0.56393	0.75496
23495	2.5974	1.07968	1.07968	1.1803
23496	2.48574	0.88106	0.88106	0.89895
23497	2.67085	1.08413	1.08413	1.20329
23498	2.46473	0	0	0
23499	2.69225	0	0	0
23500	2.71671	0.76969	0.76969	0.79376
23501	2.67641	0.93735	0.93735	0.96589
23502	2.67744	0.90472	0.90472	0.93196
23503	2.80963	1.01049	1.01049	1.15653
23504	2.80616	0.99722	0.99722	1.145
23505	2.4963	0.9932	0.9932	1.1848
23506	2.51785	0.81982	0.81982	1.13775
23507	2.4941	1.00858	1.00858	1.03914
23508	2.54586	0.83466	0.83466	0.82463
23509	2.49127	1.05056	1.05056	1.10287
23510	2.36	0.7908	0.7908	0.81584
23511	2.4013	0.79981	0.79981	0.80626
23512	2.3584	0.15304	0.15304	0.22695
23513	2.44315	0	0	0
23514	2.43748	0.8122	0.8122	0.81453
23515	2.71384	0.84299	0.84299	1.0731
23516	2.31324	0.80982	0.80982	0.77476
23517	2.56196	0.96614	0.96614	1.01273
23518	2.57504	0	0	0
23519	2.66615	0.92737	0.92737	0.99274
23520	2.46217	0.54297	0.54297	0.80225
23521	2.47042	0.52269	0.52269	0.69234
23522	2.65412	1.18265	1.18265	1.24648
23523	2.66916	1.20033	1.20033	1.25487
23524	2.36602	0.73384	0.73384	0.73013
23525	2.36987	0.7347	0.7347	0.76396
23526	2.49182	0.2329	0.2329	0.3065
23527	2.48607	0.97607	0.97607	1.06338
23528	2.42122	0.92057	0.92057	0.92408
23529	2.37097	0.96509	0.96509	1.06216
23530	2.4673	0.74359	0.74359	0.87475
23531	2.48364	0.45287	0.45287	0.80057
23532	2.70736	1.09633	1.09633	1.15099
23533	2.71841	1.09418	1.09418	1.1543

23534	2.57846	0	0	0
23535	2.51309	1.01403	1.01403	1.04116
23536	2.51626	1.00227	1.00227	1.03129
23537	2.51595	0.89406	0.89406	1.10399
23538	2.45749	0.79284	0.79284	1.05811
23539	2.6648	0.83805	0.83805	0.84621
23540	2.58517	0.2468	0.2468	0.43585
23541	2.56568	0	0	0
23542	2.36126	0.91031	0.91031	0.95493
23543	2.47407	0.30746	0.30746	0.59796
23544	2.66377	0.99439	0.99439	1.16459
23545	2.37968	0.81712	0.81712	0.98444
23546	2.58248	1.04278	1.04278	1.13535
23547	2.58964	1.0031	1.0031	1.08247
23548	2.39646	0.92663	0.92663	0.95441
23549	2.56775	1.182	1.182	1.12575
23550	2.38998	0.89337	0.89337	0.94555
23551	2.52983	0.81866	0.81866	0.82518
23552	2.52922	0.88975	0.88975	0.91672
23553	2.31323	0.95156	0.95156	0.9744
23554	2.77066	1.14679	1.14679	1.25925
23555	2.77563	1.14119	1.14119	1.25614
23556	2.78015	1.13716	1.13716	1.25435
23557	2.78272	1.13096	1.13096	1.24819
23558	2.57779	0.50217	0.50217	0.8226
23559	2.57707	0.7656	0.7656	0.80081
23560	2.62729	0.93944	0.93944	1.0896
23561	2.62969	0.91462	0.91462	1.08757
23562	2.59213	1.01382	1.01382	1.22407
23563	2.48494	0.90477	0.90477	0.98174
23564	2.48121	0.8901	0.8901	1.19784
23565	2.65545	0.41075	0.41075	0.55507
23566	2.70685	0.84578	0.84578	0.87426
23567	2.59914	0.81741	0.81741	0.84531
23568	2.44693	0.82314	0.82314	0.82063
23569	2.41076	0.81664	0.81664	0.80441
23570	2.4111	0.92878	0.92878	0.97741
23571	2.58126	0.12744	0.12744	0.18467
23572	2.57445	0	0	0
23573	2.61679	0.88694	0.88694	0.90953
23574	2.59987	1.13031	1.13031	1.16855

23575	2.60175	1.11917	1.11917	1.18692
23576	2.59661	1.11043	1.11043	1.1749
23577	2.59568	1.0928	1.0928	1.14903
23578	2.63674	0.25328	0.25328	0.50899
23579	2.63606	0.76942	0.76942	0.76761
23580	2.6175	0.85695	0.85695	1.20404
23581	2.57251	0.9303	0.9303	0.99267
23582	2.53625	0.90422	0.90422	0.96342
23583	2.67905	0	0	0
23584	2.51873	0.96842	0.96842	1.01055
23585	2.51652	0.92699	0.92699	0.95265
23586	2.51332	0.83797	0.83797	0.83001
23587	2.57569	0.62929	0.62929	0.83912
23588	2.45536	1.06394	1.06394	1.17382
23589	2.45381	1.07058	1.07058	1.18395
23590	2.50966	0.8579	0.8579	0.91781
23591	2.51509	0.67801	0.67801	0.91765
23592	2.55521	0.96462	0.96462	0.9944
23593	2.55525	0.94591	0.94591	0.94385
23594	2.57554	0	0	0
23595	2.57305	0.60803	0.60803	0.82928
23596	2.69266	1.25472	1.25472	1.30168
23597	2.74704	1.26378	1.26378	1.30747
23598	2.72337	0.80399	0.80399	0.9516
23599	2.45576	0.96943	0.96943	1.00312
23600	2.58721	0.82477	0.82477	0.8382
23601	2.58513	0.96904	0.96904	0.99602
23602	2.64268	1.09765	1.09765	1.23426
23603	2.58225	0.60592	0.60592	1.01371
23604	2.54802	0.81595	0.81595	0.83798
23605	2.37561	0.80617	0.80617	0.79034
23606	2.66676	1.16338	1.16338	1.2518
23607	2.68038	1.02868	1.02868	1.17261
23608	2.49051	0	0	0
23609	2.58966	0.94673	0.94673	1.11035
23610	2.59176	1.00138	1.00138	1.10493
23611	2.59567	1.01531	1.01531	1.10363
23612	2.46275	0.86326	0.86326	0.91934
23613	2.50116	0	0	0
23614	2.4394	0.40324	0.40324	0.61277
23615	2.55268	0.98387	0.98387	1.08989

23616	2.75256	1.02694	1.02694	1.30605
23617	2.48748	0.81647	0.81647	0.81608
23618	2.59166	0.8815	0.8815	0.92603
23619	2.51841	0.93845	0.93845	0.98531
23620	2.51374	0.97295	0.97295	1.05124
23621	2.42406	0.85834	0.85834	0.87403
23622	2.65026	0.92272	0.92272	0.98178
23623	2.65059	0.88974	0.88974	0.93557
23624	2.56843	0	0	0
23625	2.34731	0.80247	0.80247	0.78595
23626	2.35604	0.89592	0.89592	1.20309
23627	2.34541	0.59757	0.59757	0.79657
23628	2.57832	0.86315	0.86315	0.7986
23629	2.57745	0.94286	0.94286	0.91484
23630	2.38888	0	0	0
23631	2.498	0.88174	0.88174	0.89663
23632	2.61498	0.97101	0.97101	0.96071
23633	2.43781	0.82109	0.82109	0.80691
23634	2.37575	0.95402	0.95402	1.10937
23635	2.70328	0.84679	0.84679	0.85109
23636	2.41849	0.79258	0.79258	0.77717
23637	2.44705	0	0	0
23638	2.44505	0.89627	0.89627	0.92196
23639	2.55083	0.69992	0.69992	0.8235
23640	2.55153	0.50247	0.50247	0.70236
23641	2.701	1.16735	1.16735	1.35238
23642	2.70521	1.1954	1.1954	1.40479
23643	2.45873	0	0	0
23644	2.7156	0.93456	0.93456	1.08236
23645	2.80581	0.88118	0.88118	0.95498
23646	2.81357	0.67104	0.67104	0.94446
23647	2.39305	0	0	0
23648	2.54496	0.82903	0.82903	0.85442
23649	2.36768	0.25965	0.25965	0.32643
23650	2.4982	0.94347	0.94347	1.18325
23651	2.46935	0.9152	0.9152	1.00558
23652	2.46849	0.89312	0.89312	1.02468
23653	2.44186	0.88037	0.88037	1.02014
23654	2.29697	0.85507	0.85507	0.85972
23655	2.26574	0.89508	0.89508	0.9511
23656	2.26467	0.73384	0.73384	0.67173

23657	2.47978	0.74683	0.74683	0.76198
23658	2.46625	0.40606	0.40606	0.61539
23659	2.34753	0.99928	0.99928	1.06515
23660	2.35186	0.99022	0.99022	1.06402
23661	2.45833	1.34415	1.34415	0.94934
23662	2.42901	0.80532	0.80532	0.7934
23663	2.43224	0.75344	0.75344	0.78751
23664	2.45321	0	0	0
23665	2.46726	1.05419	1.05419	1.09047
23666	2.49715	0	0	0
23667	2.64627	0.27504	0.27504	0.41291
23668	2.65858	0.90452	0.90452	0.92135
23669	2.5336	1.2321	1.2321	1.2001
23670	2.418	0.81815	0.81815	0.80528
23671	2.54922	0.88278	0.88278	0.91838
23672	2.51043	0	0	0
23673	2.41389	0.86054	0.86054	0.97861
23674	2.38377	0.86697	0.86697	0.93971
23675	2.52844	0.94461	0.94461	1.13755
23676	2.52662	0.97515	0.97515	1.13751
23677	2.46416	0.96169	0.96169	1.00336
23678	2.54029	1.03216	1.03216	1.10698
23679	2.6439	1.21968	1.21968	1.30017
23680	2.64321	1.2217	1.2217	1.30235
23681	2.69393	0.82979	0.82979	0.83735
23682	2.68726	0.88681	0.88681	0.93537
23683	2.71598	1.26833	1.26833	1.0582
23684	2.64029	1.18704	1.18704	1.24649
23685	2.69662	0.88271	0.88271	0.83558
23686	2.70974	0.95783	0.95783	0.92207
23687	2.69212	0.28004	0.28004	0.36069
23688	2.4821	0	0	0
23689	2.59957	1.09573	1.09573	1.23872
23690	2.58254	1.10096	1.10096	1.23227
23691	2.56945	1.12006	1.12006	1.2515
23692	2.56432	1.12593	1.12593	1.25438
23693	2.59483	1.12836	1.12836	1.26822
23694	2.71102	0.15315	0.15315	0.14522
23695	2.69953	0.10908	0.10908	0.18321
23696	2.61617	0.85778	0.85778	0.92084
23697	2.34297	0	0	0

23698	2.89251	1.47661	1.47661	1.34177
23699	2.90137	1.47721	1.47721	1.34205
23700	2.74577	0.8682	0.8682	0.90016
23701	2.65283	0	0	0
23702	2.70944	1.25521	1.25521	1.36984
23703	2.71949	1.21314	1.21314	1.32274
23704	2.66345	0	0	0
23705	2.59794	0.88865	0.88865	0.92374
23706	2.5926	0	0	0
23707	2.33655	0.84276	0.84276	0.87121
23708	2.47808	1.02475	1.02475	1.10018
23709	2.47829	0.82605	0.82605	0.81592
23710	2.30497	0.73586	0.73586	0.71769
23711	2.4564	0.89065	0.89065	0.97203
23712	2.64797	0.84066	0.84066	0.85298
23713	2.6455	1.02356	1.02356	1.15437
23714	2.56375	0.27968	0.27968	0.47737
23715	2.5272	0.86549	0.86549	0.87496
23716	2.52791	0.59774	0.59774	0.89428
23717	2.52689	0.57788	0.57788	0.84719
23718	2.67478	1.00844	1.00844	0.99913
23719	2.66262	0.99141	0.99141	0.98114
23720	2.66309	0.93721	0.93721	0.90045
23721	2.6626	0.916	0.916	0.87005
23722	2.663	0.82967	0.82967	0.87169
23723	2.55304	0.95541	0.95541	0.9978
23724	2.55299	0.60091	0.60091	0.77987
23725	2.67236	1.10666	1.10666	1.21477
23726	2.67146	1.10076	1.10076	1.21076
23727	2.68745	1.09804	1.09804	1.21475
23728	2.66662	1.07991	1.07991	1.1361
23729	2.62226	0.96238	0.96238	1.0349
23730	2.51253	0.95501	0.95501	1.02784
23731	2.51501	0.96719	0.96719	1.03821
23732	2.57652	0.86544	0.86544	0.94281
23733	2.55922	0	0	0
23734	2.30467	0.92982	0.92982	1.01705
23735	2.60904	0.7626	0.7626	0.75989
23736	2.52271	0.81257	0.81257	0.82506
23737	2.52233	0.23637	0.23637	0.35348
23738	2.37307	0.8077	0.8077	0.79831

23739	2.51391	0.84048	0.84048	0.86207
23740	2.59615	0.83708	0.83708	0.85176
23741	2.84276	1.29219	1.29219	1.32703
23742	2.80401	1.29211	1.29211	1.30886
23743	2.80084	1.19398	1.19398	1.20303
23744	2.38132	0.82142	0.82142	0.79622
23745	2.41094	0.95156	0.95156	0.9766
23746	2.47059	0.96371	0.96371	1.0454
23747	2.62804	0.76065	0.76065	0.75201
23748	2.3381	0.52252	0.52252	0.82451
23749	2.58212	1.11591	1.11591	1.24925
23750	2.46249	0.86625	0.86625	1.06004
23751	2.53391	0	0	0
23752	2.64754	1.07581	1.07581	1.06575
23753	2.6476	1.02982	1.02982	1.10294
23754	2.64508	0.94102	0.94102	1.13202
23755	2.64416	0.91827	0.91827	1.12322
23756	2.43749	0.52283	0.52283	0.84409
23757	2.52789	0.45673	0.45673	0.65529
23758	2.5283	0.86127	0.86127	0.88042
23759	2.62221	0.91295	0.91295	1.05755
23760	2.62294	0.93323	0.93323	1.0733
23761	2.60114	0.93311	0.93311	1.03884
23762	2.72699	1.09216	1.09216	1.18837
23763	2.72885	1.0949	1.0949	1.19219
23764	2.43704	1.01906	1.01906	1.0907
23765	2.43665	0.9998	0.9998	1.06364
23766	2.449	0.95673	0.95673	0.97788
23767	2.33525	0.17415	0.17415	0.2413
23768	2.36411	0.54262	0.54262	0.70084
23769	2.50333	0.11162	0.11162	0.22934
23770	2.70211	1.08807	1.08807	1.25011
23771	2.66434	1.05097	1.05097	1.31347
23772	2.61907	1.04919	1.04919	1.30552
23773	2.49614	0	0	0
23774	2.65977	0.89292	0.89292	0.90504
23775	2.6895	1.0123	1.0123	1.13047
23776	2.48467	0.97271	0.97271	1.04954
23777	2.45171	0.58922	0.58922	0.90248
23778	2.47745	0	0	0
23779	2.43275	0.90736	0.90736	0.94225

23780	2.46984	0.88423	0.88423	0.96828
23781	2.56561	0.80293	0.80293	0.80368
23782	2.43133	0	0	0
23783	2.2191	0.98956	0.98956	1.0189
23784	2.30713	0.81033	0.81033	0.76389
23785	2.67973	0.89483	0.89483	0.92569
23786	2.68344	0.9276	0.9276	0.97493
23787	2.63299	0.84324	0.84324	0.89557
23788	2.49236	0	0	0
23789	2.68409	0.63832	0.63832	0.82358
23790	2.71857	1.18798	1.18798	1.2659
23791	2.71859	1.18146	1.18146	1.26187
23792	2.71878	1.18119	1.18119	1.27071
23793	2.72243	1.1808	1.1808	1.27793
23794	2.89287	1.18513	1.18513	1.41236
23795	2.94488	1.15976	1.15976	1.43132
23796	2.67278	0	0	0
23797	2.47986	0.74461	0.74461	0.73928
23798	2.71299	1.05057	1.05057	1.05453
23799	2.82819	0.82751	0.82751	0.73892
23800	2.83269	0.96255	0.96255	1.03677
23801	2.82118	0.97676	0.97676	0.97879
23802	2.58438	0.8339	0.8339	0.82425
23803	2.60898	1.06765	1.06765	1.18369
23804	2.29395	0	0	0
23805	2.61552	0.94051	0.94051	1.01591
23806	2.64481	0.89038	0.89038	0.93556
23807	2.70413	0	0	0
23808	2.72081	0.94513	0.94513	1.16188
23809	2.70667	0.95142	0.95142	1.15729
23810	2.6882	0.95744	0.95744	1.15028
23811	2.68772	1.11563	1.11563	1.25246
23812	2.65188	1.08609	1.08609	1.06507
23813	2.45806	0	0	0
23814	2.38295	0.97127	0.97127	1.1125
23815	2.45304	0.8053	0.8053	0.75404
23816	2.45154	0.80011	0.80011	0.8089
23817	2.50882	0.86535	0.86535	0.90791
23818	2.5119	0.8106	0.8106	0.83215
23819	2.53413	0.75897	0.75897	0.95332
23820	2.54361	0.96558	0.96558	1.1949

23821	2.53078	0.96158	0.96158	1.05978
23822	2.53016	0.96449	0.96449	1.04571
23823	2.7477	0.87624	0.87624	0.94867
23824	2.33347	0	0	0
23825	2.57316	0.88905	0.88905	0.91792
23826	2.433	0.83975	0.83975	0.98943
23827	2.43258	0.82308	0.82308	1.04185
23828	2.54806	0.80808	0.80808	0.8441
23829	2.74959	0.96995	0.96995	1.08166
23830	2.74913	1.00228	1.00228	1.13156
23831	2.81124	0.6312	0.6312	0.96433
23832	2.79358	0.91611	0.91611	0.98672
23833	2.45707	0	0	0
23834	2.64486	0.82224	0.82224	0.85225
23835	2.57858	0.82384	0.82384	0.83185
23836	2.40706	0.97773	0.97773	1.01812
23837	2.65671	1.02402	1.02402	1.18801
23838	2.73096	0.88606	0.88606	1.15557
23839	2.4683	0.35072	0.35072	0.4804
23840	2.51825	0.81149	0.81149	0.81912
23841	2.3791	0.89675	0.89675	0.97053
23842	2.81062	1.17567	1.17567	1.32628
23843	2.81047	1.19727	1.19727	1.35583
23844	2.81595	1.19859	1.19859	1.35546
23845	2.81474	1.19997	1.19997	1.35528
23846	2.80277	1.23865	1.23865	1.37663
23847	2.79186	1.24391	1.24391	1.37684
23848	2.75699	0.97768	0.97768	1.23905
23849	2.7541	0.98127	0.98127	1.25366
23850	2.75156	1.01832	1.01832	1.26673
23851	2.74659	1.00966	1.00966	1.25212
23852	2.39564	0.87873	0.87873	0.88234
23853	2.39232	0.91108	0.91108	0.92946
23854	2.5105	0	0	0
23855	2.46044	1.08908	1.08908	1.16424
23856	2.72344	1.00966	1.00966	1.12931
23857	2.72354	0.96868	0.96868	1.06549
23858	2.50237	1.04523	1.04523	1.15734
23859	2.49778	1.0494	1.0494	1.14449
23860	2.72274	0.8735	0.8735	1.13654
23861	2.70662	1.03414	1.03414	1.15179

23862	2.59427	0.97126	0.97126	1.05155
23863	2.59692	1.07691	1.07691	1.18309
23864	2.77403	0.939	0.939	0.97561
23865	2.54037	0	0	0
23866	2.49355	0.99625	0.99625	1.02875
23867	2.48953	0.86819	0.86819	0.92899
23868	2.54013	0.62588	0.62588	0.77756
23869	2.551	0.74638	0.74638	0.80289
23870	2.56978	0	0	0
23871	2.64199	1.21498	1.21498	1.25999
23872	2.64378	1.20843	1.20843	1.24683
23873	2.5415	0.94129	0.94129	0.9958
23874	2.5418	0.93457	0.93457	0.99034
23875	2.54189	0.91931	0.91931	0.99166
23876	2.53155	0.74563	0.74563	0.75248
23877	2.62981	0.69048	0.69048	0.89785
23878	2.67657	1.11641	1.11641	1.22377
23879	2.67514	1.10231	1.10231	1.20986
23880	2.33134	0	0	0
23881	2.60779	1.09953	1.09953	1.29715
23882	2.40876	0.80819	0.80819	0.80806
23883	2.33471	0.86802	0.86802	0.85921
23884	2.48044	0.92409	0.92409	0.97957
23885	2.64567	0.42369	0.42369	0.62369
23886	2.66635	0.91782	0.91782	0.98694
23887	2.62319	1.12879	1.12879	1.2408
23888	2.63943	1.10169	1.10169	1.20966
23889	2.61833	0.83095	0.83095	0.8423
23890	2.60817	0.92439	0.92439	1.02882
23891	2.61319	0.99331	0.99331	1.05555
23892	2.58302	0.72265	0.72265	0.82436
23893	2.70033	0	0	0
23894	2.47106	1.08522	1.08522	1.15398
23895	2.47067	1.09743	1.09743	1.1698
23896	2.43951	0.51739	0.51739	0.72951
23897	2.59663	0.99327	0.99327	1.17548
23898	2.59161	0.86985	0.86985	0.95158
23899	2.55225	1.02799	1.02799	1.2123
23900	2.6251	0	0	0
23901	2.74019	0.87592	0.87592	0.97816
23902	2.58929	0.86447	0.86447	0.94318

23903	2.40417	0.53543	0.53543	0.85571
23904	2.40512	0.88911	0.88911	0.89793
23905	2.64272	0.93913	0.93913	1.04761
23906	2.64282	0.98966	0.98966	1.13323
23907	2.63926	1.01369	1.01369	1.16943
23908	2.56328	0.83044	0.83044	1.09075
23909	2.63763	0.80961	0.80961	0.85402
23910	2.77125	1.35247	1.35247	1.27476
23911	2.78503	1.34931	1.34931	1.27069
23912	2.786	1.34859	1.34859	1.26932
23913	2.79155	1.34028	1.34028	1.22427
23914	2.78642	1.34005	1.34005	1.27784
23915	2.78748	1.33974	1.33974	1.27698
23916	2.80499	1.34071	1.34071	1.28782
23917	2.59045	1.34853	1.34853	0.98974
23918	2.60433	0.77281	0.77281	0.79505
23919	2.68794	0.76786	0.76786	0.79195
23920	2.40363	0.26217	0.26217	0.35091
23921	2.40802	0.75464	0.75464	0.8001
23922	2.42483	0.82422	0.82422	1.06563
23923	2.58151	0.87387	0.87387	0.95499
23924	2.80036	1.05743	1.05743	1.1642
23925	2.76962	1.03956	1.03956	1.13736
23926	2.46189	0.93226	0.93226	1.02317
23927	2.40498	1.05238	1.05238	1.10363
23928	2.41749	1.05897	1.05897	1.11173
23929	2.64504	1.07147	1.07147	1.08434
23930	2.66156	1.18355	1.18355	1.20587
23931	2.65885	1.18589	1.18589	1.20583
23932	2.68412	0.9683	0.9683	0.98373
23933	2.67741	0.93722	0.93722	0.95043
23934	2.69148	0.84751	0.84751	0.83276
23935	2.59147	0.98012	0.98012	1.10172
23936	2.46583	0.94203	0.94203	0.93154
23937	2.51432	0.8249	0.8249	0.82434
23938	2.42259	0.60672	0.60672	0.87637
23939	2.52452	0.50356	0.50356	0.56155
23940	2.4453	0	0	0
23941	2.66153	1.05594	1.05594	1.2145
23942	2.39323	0.78655	0.78655	0.76488
23943	2.82842	0.81075	0.81075	0.79595

23944	2.88472	0.84405	0.84405	0.82048
23945	2.42734	0	0	0
23946	2.42638	0.86503	0.86503	0.8757
23947	2.75832	0.83093	0.83093	0.98904
23948	2.73602	0.74454	0.74454	0.77304
23949	2.73244	0.92631	0.92631	1.06867
23950	2.72929	1.06207	1.06207	1.27865
23951	2.71419	1.07508	1.07508	1.28972
23952	2.46932	0	0	0
23953	2.49134	0.56582	0.56582	0.78515
23954	2.70683	0.78642	0.78642	0.69819
23955	2.72747	1.11968	1.11968	1.24202
23956	2.7415	1.24108	1.24108	1.30261
23957	2.70784	0.96697	0.96697	1.04501
23958	2.71078	1.06546	1.06546	1.18072
23959	2.46009	0	0	0
23960	2.3375	0.87047	0.87047	0.86682
23961	2.55077	1.03588	1.03588	1.08212
23962	2.61465	0.81716	0.81716	0.8497
23963	2.71422	0.93211	0.93211	1.06214
23964	2.71394	0.97273	0.97273	1.12535
23965	2.72207	0.99125	0.99125	1.16144
23966	2.71538	1.01906	1.01906	1.1884
23967	2.67087	0.90888	0.90888	0.97535
23968	2.97052	1.43985	1.43985	1.33977
23969	2.95751	1.44122	1.44122	1.35538
23970	2.94329	1.44085	1.44085	1.34899
23971	2.93743	1.43938	1.43938	1.32738
23972	2.92609	1.43885	1.43885	1.31031
23973	2.4486	0.89096	0.89096	0.94453
23974	2.59301	0.70984	0.70984	0.84973
23975	2.57913	0.78106	0.78106	0.80293
23976	2.62529	0.56213	0.56213	0.68942
23977	2.48501	1.02657	1.02657	1.09731
23978	2.48396	1.00249	1.00249	1.05822
23979	2.48326	0.97597	0.97597	1.01236
23980	2.77573	1.04323	1.04323	1.23005
23981	2.39058	1.0113	1.0113	1.17861
23982	2.39134	1.02289	1.02289	1.1852
23983	2.39759	0.8111	0.8111	0.80525
23984	2.38828	0.81041	0.81041	0.80536

23985	2.249	0	0	0
23986	2.66819	0	0	0
23987	2.62377	1.05462	1.05462	1.2134
23988	2.50703	0.64026	0.64026	0.88981
23989	2.56817	0.88546	0.88546	1.2525
23990	2.52611	1.03153	1.03153	1.10631
23991	2.51017	1.01015	1.01015	1.00944
23992	2.77806	1.11051	1.11051	1.17197
23993	2.7456	0.81824	0.81824	0.87478
23994	2.61923	0.90138	0.90138	0.97973
23995	2.40826	0	0	0
23996	2.44561	0.66768	0.66768	1.19147
23997	2.44103	0.40746	0.40746	0.58515
23998	2.46291	0.93595	0.93595	0.99501
23999	2.44126	0.16347	0.16347	0.21742
24000	2.33564	0.89773	0.89773	0.91506
24001	2.30911	0.977	0.977	1.04718
24002	2.38531	0.85683	0.85683	0.86633
24003	2.40497	0.80917	0.80917	0.81107
24004	2.23605	0	0	0
24005	2.49751	0	0	0
24006	2.36892	0.89766	0.89766	0.92242
24007	2.51284	0.98228	0.98228	1.08764
24008	2.52871	0.86438	0.86438	0.8934
24009	2.50059	0.81481	0.81481	0.8255
24010	2.66832	0	0	0
24011	2.47952	1.0255	1.0255	0.99498
24012	2.39125	0.91822	0.91822	0.96361
24013	2.54611	1.00759	1.00759	1.16182
24014	2.55053	0.97667	0.97667	1.07815
24015	2.52963	1.07119	1.07119	1.16284
24016	2.52959	0.982	0.982	1.05724
24017	2.5305	0.9189	0.9189	0.96849
24018	2.41791	0.8156	0.8156	1.04422
24019	2.4731	0	0	0
24020	2.41923	0.81915	0.81915	0.80866
24021	2.7219	0	0	0
24022	2.3988	0.80701	0.80701	0.80388
24023	2.42022	0.43467	0.43467	0.75286
24024	2.63921	0.88236	0.88236	0.92295
24025	2.69859	0.83078	0.83078	0.84956

24026	2.69878	0.94258	0.94258	0.99481
24027	2.71181	0.95786	0.95786	0.97658
24028	2.26664	0.91334	0.91334	0.91449
24029	2.65094	1.05504	1.05504	1.19152
24030	2.61229	0	0	0
24031	2.63982	0.98106	0.98106	1.03982
24032	2.4635	0.81797	0.81797	0.8124
24033	2.46608	0.87218	0.87218	0.87817
24034	2.46419	0.97463	0.97463	1.02511
24035	2.44824	0.71358	0.71358	0.93376
24036	2.34442	0	0	0
24037	2.7105	0.80118	0.80118	1.00739
24038	2.70043	0.91548	0.91548	1.02291
24039	2.6186	0.91839	0.91839	0.98731
24040	2.61027	1.2145	1.2145	1.34857
24041	2.57033	0.38472	0.38472	0.61508
24042	2.78591	0.83172	0.83172	0.87333
24043	2.59197	0.81823	0.81823	0.83445
24044	2.48442	0.9528	0.9528	0.97676
24045	2.48432	0.97254	0.97254	1.00434
24046	2.48758	1.04711	1.04711	1.10459
24047	2.53861	0.99081	0.99081	1.07146
24048	2.82311	0.86314	0.86314	0.90083
24049	2.823	0.94264	0.94264	1.01079
24050	2.76538	1.14624	1.14624	1.29029
24051	2.41128	1.08478	1.08478	1.11748
24052	2.83316	1.05637	1.05637	1.09534
24053	2.81816	0.85642	0.85642	0.89918
24054	2.57625	0.28894	0.28894	0.50526
24055	2.41867	0.87387	0.87387	0.87794
24056	2.48614	0	0	0
24057	2.48472	0.82598	0.82598	0.82797
24058	2.39962	0.92234	0.92234	1.03296
24059	2.42449	0	0	0
24060	2.75935	1.34725	1.34725	1.20272
24061	2.71063	1.0278	1.0278	1.27201
24062	2.7896	1.22986	1.22986	1.34601
24063	2.79755	1.21845	1.21845	1.33624
24064	2.58012	0.84304	0.84304	0.87489
24065	2.57689	0.75849	0.75849	0.84069
24066	2.4378	0.85824	0.85824	1.16232

24067	2.50139	0.81678	0.81678	0.83279
24068	2.42221	0	0	0
24069	2.43247	0.90745	0.90745	0.92683
24070	2.72801	0.88101	0.88101	0.94827
24071	2.72596	0.95441	0.95441	1.05775
24072	2.57586	1.04197	1.04197	1.17131
24073	2.53144	1.13614	1.13614	1.19244
24074	2.53588	0.8175	0.8175	0.84565
24075	2.48196	0.99439	0.99439	1.06638
24076	2.46326	0.87799	0.87799	0.8964
24077	2.59201	0.30445	0.30445	0.18175
24078	2.74436	0.90748	0.90748	0.92753
24079	2.67538	1.22113	1.22113	1.26118
24080	2.74521	0.94441	0.94441	0.97506
24081	2.85438	0.93221	0.93221	1.01599
24082	2.64969	0.87488	0.87488	0.93832
24083	2.70653	0.23125	0.23125	0.36258
24084	2.51822	0.89319	0.89319	0.91102
24085	2.44577	0.86268	0.86268	0.95488
24086	2.67592	0.55677	0.55677	0.75789
24087	2.72518	0.96895	0.96895	1.00298
24088	2.72448	0.96584	0.96584	1.04396
24089	2.65672	1.10839	1.10839	1.19795
24090	2.66186	1.1081	1.1081	1.20646
24091	2.6709	1.10697	1.10697	1.20564
24092	2.63681	1.10015	1.10015	1.18435
24093	2.62109	0.8532	0.8532	0.798
24094	2.77837	1.4792	1.4792	0.88242
24095	2.74035	1.48084	1.48084	1.0801
24096	2.32923	0	0	0
24097	2.52269	1.04552	1.04552	1.19589
24098	2.52555	1.00202	1.00202	1.11387
24099	2.52766	0.97996	0.97996	1.08397
24100	2.56405	0.87565	0.87565	1.01872
24101	2.47109	0	0	0
24102	2.72266	1.13534	1.13534	1.27923
24103	2.71234	1.14875	1.14875	1.29004
24104	2.31195	0.88915	0.88915	0.90706
24105	2.62295	0.82114	0.82114	0.83199
24106	2.62154	0.35638	0.35638	0.59746
24107	2.5493	0.46032	0.46032	0.66902

24108	2.53432	0.60015	0.60015	0.86196
24109	2.44103	0.87837	0.87837	0.93847
24110	2.43255	0.97223	0.97223	1.05413
24111	2.34186	0	0	0
24112	2.42936	0.92782	0.92782	0.96543
24113	2.38617	0.19069	0.19069	0.28053
24114	2.36363	0.92736	0.92736	0.97534
24115	2.37616	0.91083	0.91083	0.9599
24116	2.3988	0.79958	0.79958	0.78915
24117	2.46037	0.94161	0.94161	1.00234
24118	2.64556	0.99988	0.99988	1.02577
24119	2.64609	1.00197	1.00197	1.0926
24120	2.472	0.91472	0.91472	0.98142
24121	2.58063	0.91744	0.91744	1.05011
24122	2.52119	1.09455	1.09455	1.11918
24123	2.5603	0.84005	0.84005	0.84908
24124	2.57679	1.23945	1.23945	1.20843
24125	2.53483	1.02914	1.02914	1.02942
24126	2.52656	1.01024	1.01024	1.0049
24127	2.90794	0.93477	0.93477	0.99744
24128	2.90822	0.86929	0.86929	0.91079
24129	2.50159	0	0	0
24130	2.74226	1.01522	1.01522	1.15836
24131	2.73883	0.92012	0.92012	0.87687
24132	2.54251	0.95219	0.95219	1.03938
24133	2.49886	0.81597	0.81597	0.82669
24134	2.40777	1.00904	1.00904	1.14675
24135	2.51233	0.67907	0.67907	0.94581
24136	2.59375	0.11098	0.11098	0.22535
24137	2.59312	0.81364	0.81364	0.87089
24138	2.42593	1.03392	1.03392	1.10089
24139	2.53691	0.89745	0.89745	1.07492
24140	2.5364	0.89686	0.89686	1.05584
24141	2.64084	0	0	0
24142	2.41502	0.84841	0.84841	0.86558
24143	2.4758	0.92344	0.92344	0.95046
24144	2.47538	1.00664	1.00664	1.05994
24145	2.66929	0.94268	0.94268	1.11338
24146	2.68016	0.35613	0.35613	0.52968
24147	2.43335	1.04383	1.04383	1.11914
24148	2.43473	1.0389	1.0389	1.11727

24149	2.5071	0	0	0
24150	2.61681	0	0	0
24151	2.61786	0.92565	0.92565	0.95339
24152	2.61809	0.96671	0.96671	1.00591
24153	2.80669	1.29104	1.29104	1.29909
24154	2.84068	1.29434	1.29434	1.30027
24155	2.72525	0.86242	0.86242	1.10294
24156	2.76934	1.20624	1.20624	1.21893
24157	2.68413	1.10609	1.10609	1.25382
24158	2.67907	1.12941	1.12941	1.28332
24159	2.32573	0.86404	0.86404	0.85488
24160	2.44004	0.84068	0.84068	0.86244
24161	2.44125	0.94435	0.94435	0.98801
24162	2.60703	1.05415	1.05415	1.24878
24163	2.61306	1.04448	1.04448	1.24521
24164	2.61689	1.02831	1.02831	1.2363
24165	2.61662	0.64942	0.64942	0.61406
24166	2.60829	0.96397	0.96397	1.01399
24167	2.61531	0.97507	0.97507	1.04206
24168	2.63014	0.83155	0.83155	0.84425
24169	2.47927	0.81039	0.81039	0.80469
24170	2.56851	1.01613	1.01613	1.09351
24171	2.58696	1.16518	1.16518	1.26134
24172	2.60095	0.84351	0.84351	0.8394
24173	2.69629	0.99523	0.99523	0.99407
24174	2.69706	0.96114	0.96114	0.99549
24175	2.57387	0.9079	0.9079	0.99539
24176	2.53505	0.99083	0.99083	1.17057
24177	2.79167	0.79232	0.79232	1.04926
24178	2.79972	0.88609	0.88609	1.08049
24179	2.79684	1.13197	1.13197	1.26775
24180	2.3719	0.86819	0.86819	0.87086
24181	2.36719	1.04447	1.04447	1.09161
24182	2.42659	0.76236	0.76236	0.90135
24183	2.52683	0.87074	0.87074	0.93297
24184	2.64753	0.85661	0.85661	0.82375
24185	2.78591	1.20944	1.20944	1.21622
24186	2.78684	1.25149	1.25149	1.30816
24187	2.75385	1.24839	1.24839	1.28609
24188	2.74581	1.24375	1.24375	1.30075
24189	2.73919	0.87706	0.87706	0.82068

24190	2.41015	0.29858	0.29858	0.50734
24191	2.316	1.03325	1.03325	1.09647
24192	2.68776	1.13045	1.13045	1.25621
24193	2.64683	0.54569	0.54569	0.78054
24194	2.44031	0.93727	0.93727	1.05969
24195	2.73206	0.92053	0.92053	1.02185
24196	2.76783	1.12794	1.12794	1.36231
24197	2.46637	0.99929	0.99929	1.0697
24198	2.4688	0.98501	0.98501	1.06196
24199	2.47181	0.95226	0.95226	1.05639
24200	2.4698	0.85755	0.85755	1.00036
24201	2.70963	1.15929	1.15929	0.91369
24202	2.55051	0	0	0
24203	2.66284	1.09711	1.09711	1.20529
24204	2.66104	1.08944	1.08944	1.19009
24205	2.60391	0	0	0
24206	2.66685	0.86624	0.86624	0.92788
24207	2.48724	0.91816	0.91816	0.98088
24208	2.43697	0.05461	0.05461	0.08171
24209	2.5558	0	0	0
24210	2.43382	0.87454	0.87454	0.99742
24211	2.43781	0.88107	0.88107	0.93833
24212	2.48145	0.52831	0.52831	0.73903
24213	2.47948	0.76655	0.76655	0.75068
24214	2.51654	0.75709	0.75709	0.82385
24215	2.51231	0.53418	0.53418	0.70173
24216	2.41239	0.91329	0.91329	0.95552
24217	2.41188	1.03744	1.03744	1.13631
24218	2.41019	1.05073	1.05073	1.15407
24219	2.79172	0.74858	0.74858	0.62077
24220	3.0077	1.20272	1.20272	1.46624
24221	2.41534	0.97251	0.97251	1.02505
24222	2.41579	0.99027	0.99027	1.04819
24223	2.46372	0	0	0
24224	2.4189	0.93302	0.93302	1.03183
24225	2.41463	1.01026	1.01026	1.09567
24226	2.57221	0.90849	0.90849	0.9805
24227	2.59138	0.87325	0.87325	1.24765
24228	2.59126	1.02023	1.02023	1.26786
24229	2.59512	1.03193	1.03193	1.26958
24230	2.42289	0.76153	0.76153	1.03788

24231	2.71332	0.75046	0.75046	0.65095
24232	2.72749	0.65061	0.65061	0.73152
24233	2.33064	0.80629	0.80629	0.74307
24234	2.3002	0	0	0
24235	2.40216	0	0	0
24236	2.40354	0.81757	0.81757	0.80885
24237	2.87795	1.17792	1.17792	1.35036
24238	2.66183	1.20724	1.20724	1.31571
24239	2.54055	0.97794	0.97794	1.08064
24240	2.60775	0	0	0
24241	2.53	0.81883	0.81883	0.79229
24242	2.46034	0.81372	0.81372	0.81995
24243	2.3691	0	0	0
24244	2.50942	0.83768	0.83768	0.99458
24245	2.39668	0.74013	0.74013	1.05776
24246	2.60241	0.8088	0.8088	0.84784
24247	2.47524	0	0	0
24248	2.65295	0.89326	0.89326	0.93455
24249	2.48427	0	0	0
24250	2.88107	1.17493	1.17493	1.30331
24251	3.00298	1.1708	1.1708	1.28732
24252	2.86612	0.84737	0.84737	0.88253
24253	2.62945	0.89878	0.89878	0.92458
24254	2.50977	0.99771	0.99771	1.14175
24255	2.54641	0.8692	0.8692	0.69832
24256	2.5679	0.81518	0.81518	0.84592
24257	2.59097	1.19789	1.19789	1.31152
24258	2.40658	0	0	0
24259	2.373	0.13844	0.13844	0.21298
24260	2.67372	0.65549	0.65549	0.84344
24261	2.50302	0.81212	0.81212	0.82876
24262	2.3496	0.8783	0.8783	0.88146
24263	2.56535	0.82819	0.82819	0.92653
24264	2.56381	0.8694	0.8694	0.94947
24265	2.52263	0.72776	0.72776	0.77701
24266	2.70198	1.19728	1.19728	1.40159
24267	2.66862	1.19877	1.19877	1.385
24268	2.63001	1.20661	1.20661	1.3681
24269	2.62421	0	0	0
24270	2.50628	1.06684	1.06684	1.19679
24271	2.58928	1.07253	1.07253	1.1454

24272	2.59028	1.11772	1.11772	1.1608
24273	2.59514	1.12624	1.12624	1.15584
24274	2.41763	0.67211	0.67211	0.94476
24275	2.42541	1.02952	1.02952	1.10939
24276	2.68573	0.85046	0.85046	1.00885
24277	2.62356	0.86459	0.86459	0.95259
24278	2.58453	0.68074	0.68074	0.84272
24279	2.563	0	0	0
24280	2.56187	0.84654	0.84654	0.93458
24281	2.57296	0.91895	0.91895	1.07782
24282	2.60569	1.03092	1.03092	1.10683
24283	2.49923	1.04081	1.04081	1.12206
24284	2.49606	1.03564	1.03564	1.1199
24285	2.38491	0.80872	0.80872	0.80443
24286	2.52312	0.91847	0.91847	0.92548
24287	2.30165	0	0	0
24288	2.48374	0.80637	0.80637	0.82671
24289	2.6468	0.66184	0.66184	0.79141
24290	2.71354	0.84885	0.84885	0.84974
24291	2.18896	0.93851	0.93851	0.94106
24292	2.61217	1.03428	1.03428	1.24892
24293	2.59847	0.96702	0.96702	1.22038
24294	2.62822	0.8442	0.8442	0.77999
24295	2.56026	0.69779	0.69779	0.98558
24296	2.70083	0.60579	0.60579	0.81402
24297	2.71129	0.47678	0.47678	0.72285
24298	2.44289	0	0	0
24299	2.62388	0.82189	0.82189	0.8477
24300	2.30388	0.97588	0.97588	1.02251
24301	2.56763	0.74587	0.74587	0.6725
24302	2.66819	1.27438	1.27438	1.33426
24303	2.65989	1.27565	1.27565	1.32584
24304	2.65913	0.87738	0.87738	0.93004
24305	2.58708	1.03656	1.03656	1.1369
24306	2.5345	0	0	0
24307	2.53367	0.82638	0.82638	0.82022
24308	2.46456	1.16589	1.16589	1.22306
24309	2.42517	0.47446	0.47446	0.61975
24310	2.52373	0.94774	0.94774	1.0167
24311	2.5271	0.81355	0.81355	0.82587
24312	2.64257	0.89405	0.89405	0.93083

24313	2.63915	0.73961	0.73961	0.7564
24314	2.62743	0.71307	0.71307	0.85116
24315	2.65212	1.04981	1.04981	1.16501
24316	2.65841	1.03104	1.03104	1.16723
24317	2.65887	0.96528	0.96528	1.14664
24318	2.61999	0.91734	0.91734	1.02549
24319	2.69991	1.0683	1.0683	1.16039
24320	2.70563	1.08053	1.08053	1.20986
24321	2.70075	0.89438	0.89438	0.95494
24322	2.42101	0.81174	0.81174	0.80553
24323	2.4184	0.82096	0.82096	0.80252
24324	2.85412	1.1922	1.1922	1.39169
24325	2.84079	0.92821	0.92821	1.02955
24326	2.82819	0.70297	0.70297	0.81238
24327	2.56483	0.91741	0.91741	0.99669
24328	2.53382	0.93608	0.93608	0.98233
24329	2.59261	0.92965	0.92965	1.01986
24330	2.93439	0.98326	0.98326	1.22516
24331	2.93239	1.00188	1.00188	1.2603
24332	2.94494	1.00072	1.00072	1.26371
24333	2.90795	0.98273	0.98273	1.08811
24334	2.38874	0	0	0
24335	2.37212	0.81665	0.81665	0.79912
24336	2.74201	1.05236	1.05236	1.26034
24337	2.72803	1.06763	1.06763	1.27485
24338	2.51678	0	0	0
24339	2.50723	0.7594	0.7594	0.76479
24340	2.62554	0.98484	0.98484	1.20633
24341	2.38294	0.97562	0.97562	1.02653
24342	2.37959	0.96644	0.96644	1.03247
24343	2.36037	0.75155	0.75155	0.67475
24344	2.69315	0.96167	0.96167	1.0768
24345	2.70087	1.00746	1.00746	1.06346
24346	2.70572	0.98651	0.98651	1.03822
24347	2.70913	1.00895	1.00895	1.03553
24348	2.70996	1.01779	1.01779	1.03538
24349	2.38038	0.86399	0.86399	0.86584
24350	2.51071	0.72266	0.72266	0.92178
24351	2.61066	0.79901	0.79901	1.10824
24352	2.50485	1.05583	1.05583	1.14619
24353	2.47192	0.80421	0.80421	0.79042

24354	2.47066	0.99726	0.99726	1.1001
24355	2.46777	0.92601	0.92601	1.01448
24356	2.4633	0.81152	0.81152	0.82091
24357	2.47409	0.8556	0.8556	0.82738
24358	2.54616	0.99819	0.99819	1.22378
24359	2.53072	1.01348	1.01348	1.13208
24360	2.4068	0.75156	0.75156	0.88951
24361	2.81424	0.99708	0.99708	1.10542
24362	2.52517	1.00078	1.00078	1.13334
24363	2.64086	0.98484	0.98484	0.88254
24364	2.64339	0.99012	0.99012	0.99939
24365	2.71151	0.98515	0.98515	1.10146
24366	2.4938	0.88775	0.88775	1.08973
24367	2.39418	0.31322	0.31322	0.49877
24368	2.52004	0.92679	0.92679	0.98242
24369	2.51916	0.86637	0.86637	0.89645
24370	2.57594	0.91179	0.91179	0.9624
24371	2.54889	0.56766	0.56766	0.91312
24372	2.3503	1.00153	1.00153	1.18973
24373	2.34859	1.00987	1.00987	1.18127
24374	2.48229	0.86659	0.86659	0.90821
24375	2.37909	0.35012	0.35012	0.70843
24376	2.65086	0.96536	0.96536	1.0437
24377	2.59274	1.08709	1.08709	1.2211
24378	2.59185	1.09269	1.09269	1.22592
24379	2.59149	1.11519	1.11519	1.25286
24380	2.49552	0.61146	0.61146	0.90257
24381	2.45246	0.95069	0.95069	1.12369
24382	2.44654	0.99236	0.99236	1.13074
24383	2.44577	1.00453	1.00453	1.13732
24384	2.92053	0.98285	0.98285	1.1775
24385	2.47362	0.63004	0.63004	0.82929
24386	2.53388	1.04297	1.04297	1.11692
24387	2.53329	1.06062	1.06062	1.13865
24388	2.52981	1.07487	1.07487	1.15563
24389	2.52523	1.08185	1.08185	1.16214
24390	2.4927	1.08062	1.08062	1.08379
24391	2.62162	0.96599	0.96599	1.08274
24392	2.4076	1.0673	1.0673	1.08833
24393	2.42188	0.4107	0.4107	0.60835
24394	2.46434	0.92881	0.92881	0.96683

24395	2.46366	0.91906	0.91906	0.94245
24396	2.52722	0.87725	0.87725	0.91666
24397	2.68069	1.2459	1.2459	1.30596
24398	2.69389	1.25303	1.25303	1.30092
24399	2.47628	0.91873	0.91873	1.04996
24400	2.64982	0.854	0.854	0.88641
24401	2.51022	1.04934	1.04934	1.13357
24402	2.58342	0.86768	0.86768	0.84258
24403	2.58936	0.80959	0.80959	0.73365
24404	2.67635	1.02359	1.02359	1.06638
24405	2.6323	1.02255	1.02255	0.89355
24406	2.73636	0.9806	0.9806	1.08674
24407	2.7375	1.0871	1.0871	1.327
24408	2.73239	1.09344	1.09344	1.32537
24409	2.72946	1.10477	1.10477	1.32725
24410	2.72705	1.10679	1.10679	1.31558
24411	2.63825	1.00374	1.00374	1.08473
24412	2.62298	1.00115	1.00115	1.09236
24413	2.34203	0	0	0
24414	2.53165	0.96719	0.96719	1.04997
24415	2.47659	0.95022	0.95022	0.95762
24416	2.5362	1.06868	1.06868	1.11922
24417	2.5236	0.90895	0.90895	1.11185
24418	2.63861	0.85142	0.85142	1.02244
24419	2.78744	1.24786	1.24786	1.26255
24420	2.80787	1.24686	1.24686	1.27974
24421	2.79747	1.2467	1.2467	1.27677
24422	2.71224	0.82664	0.82664	0.71568
24423	2.43352	1.12461	1.12461	1.1606
24424	2.43329	1.1261	1.1261	1.16609
24425	2.4024	0.49989	0.49989	0.73162
24426	2.38027	0.84039	0.84039	0.80348
24427	2.4103	0.89636	0.89636	0.83773
24428	2.63048	0.97982	0.97982	1.07859
24429	2.62808	0.59937	0.59937	0.88781
24430	2.55723	0.40007	0.40007	0.60529
24431	2.55967	0.80473	0.80473	0.87942
24432	2.55729	0.21511	0.21511	0.31385
24433	2.60703	0.83612	0.83612	0.84699
24434	2.47446	0.82454	0.82454	0.81959
24435	2.66125	0.86193	0.86193	0.97017

24436	2.33436	0.96469	0.96469	0.98635
24437	2.64857	1.23081	1.23081	1.26491
24438	2.83191	0	0	0.11459
24439	2.83424	0.97252	0.97252	1.1782
24440	2.85273	1.419	1.419	1.36463
24441	2.83035	1.41972	1.41972	1.35651
24442	2.82315	1.26898	1.26898	1.30667
24443	2.82285	1.29487	1.29487	1.30809
24444	2.73034	0.84862	0.84862	0.84549
24445	2.7308	0.94856	0.94856	0.97897
24446	2.72765	1.01135	1.01135	1.05793
24447	2.62609	0	0	0
24448	2.45222	1.0416	1.0416	1.11907
24449	2.69484	0.99927	0.99927	1.09143
24450	2.6925	1.02675	1.02675	1.1336
24451	2.68878	1.03749	1.03749	1.14489
24452	2.68142	1.02721	1.02721	1.147
24453	2.67697	1.02389	1.02389	1.14515
24454	2.67518	1.02828	1.02828	1.15899
24455	2.66772	1.03779	1.03779	1.17633
24456	2.52193	0	0	0
24457	2.6703	1.08624	1.08624	1.2139
24458	2.384	0.92941	0.92941	0.96674
24459	2.38464	0.73906	0.73906	0.70346
24460	2.46823	0	0	0
24461	2.51637	0.68153	0.68153	0.77349
24462	2.52599	0.74998	0.74998	0.70244
24463	2.28992	0.94965	0.94965	1.0008
24464	2.58941	0.8987	0.8987	1.05829
24465	2.38021	0.87176	0.87176	0.87564
24466	2.6523	1.10235	1.10235	1.24905
24467	2.38185	0	0	0
24468	2.3815	0.08817	0.08817	0.13708
24469	2.60736	0.7524	0.7524	1.14687
24470	2.42252	0.81948	0.81948	0.79713
24471	2.34464	0.73782	0.73782	1.02884
24472	2.33329	1.04345	1.04345	1.11636
24473	2.46428	0.94926	0.94926	0.9225
24474	2.45186	0.87321	0.87321	0.87108
24475	2.39591	0	0	0
24476	2.40936	0.79414	0.79414	0.86166

24477	2.55237	0.81739	0.81739	0.84742
24478	2.65224	0.88844	0.88844	1.04174
24479	2.61893	0.58635	0.58635	0.94012
24480	2.61921	0.74769	0.74769	0.85237
24481	2.61789	0.79937	0.79937	0.86899
24482	2.41239	0.99575	0.99575	1.07922
24483	2.66777	0.92789	0.92789	1.13387
24484	2.74529	1.01784	1.01784	1.26317
24485	2.52579	0.7538	0.7538	0.82773
24486	2.53904	0.51405	0.51405	0.7634
24487	2.37377	0	0	0
24488	2.60973	0.76498	0.76498	0.77575
24489	2.59551	0	0	0
24490	2.60101	0.94214	0.94214	0.97791
24491	2.48345	0.90235	0.90235	0.96252
24492	2.48401	0.88177	0.88177	0.94101
24493	2.38791	0.80877	0.80877	0.79849
24494	2.85357	0	0	0
24495	2.93437	1.44019	1.44019	1.31167
24496	2.92921	1.44154	1.44154	1.34148
24497	2.92744	1.44273	1.44273	1.37444
24498	2.90936	1.44031	1.44031	1.36649
24499	2.89089	1.41731	1.41731	1.36035
24500	2.66862	0.53811	0.53811	0.76045
24501	2.64968	0.85625	0.85625	0.9192
24502	2.65243	0.87905	0.87905	0.94153
24503	2.4503	1.03443	1.03443	1.16329
24504	2.66882	0	0	0
24505	2.60159	1.01092	1.01092	1.08192
24506	2.59531	0.81841	0.81841	1.13838
24507	2.58855	1.02933	1.02933	1.19858
24508	2.42745	0.97243	0.97243	1.02538
24509	2.42682	0.99899	0.99899	1.06142
24510	2.7381	1.03494	1.03494	1.09985
24511	2.73611	1.20297	1.20297	1.3094
24512	2.74516	1.18787	1.18787	1.29577
24513	2.67722	0.92468	0.92468	0.99304
24514	2.66782	0.94416	0.94416	0.98318
24515	2.64083	0.94835	0.94835	0.94491
24516	2.40988	0.74893	0.74893	0.72064
24517	2.75872	0.98742	0.98742	1.13968

24518	2.75517	0.95608	0.95608	1.10433
24519	2.58064	0	0	0
24520	2.66211	0.9832	0.9832	1.29286
24521	2.54664	0.14168	0.14168	0.18366
24522	2.58799	0.81068	0.81068	0.82477
24523	2.58866	0.29056	0.29056	0.37046
24524	2.7704	1.1398	1.1398	1.18828
24525	2.78508	1.14433	1.14433	1.18116
24526	2.80758	1.26804	1.26804	1.21589
24527	2.80259	1.27158	1.27158	1.23244
24528	2.73084	1.2752	1.2752	1.07381
24529	2.73966	1.2759	1.2759	1.07225
24530	2.76516	1.30363	1.30363	1.1527
24531	2.47209	0.87321	0.87321	0.87483
24532	2.47076	0.81912	0.81912	0.81587
24533	2.47184	0.81741	0.81741	0.8229
24534	2.47113	0.87305	0.87305	0.90021
24535	2.52321	0.99859	0.99859	1.06217
24536	2.30912	0.87456	0.87456	0.88946
24537	2.54709	0	0	0
24538	2.61513	0	0	0
24539	2.38692	0	0	0
24540	2.37224	1.07314	1.07314	1.09883
24541	2.39916	0.81989	0.81989	0.80818
24542	2.50186	0	0	0
24543	2.36215	1.09032	1.09032	1.04552
24544	2.65528	0.96195	0.96195	1.06883
24545	2.70467	1.29388	1.29388	1.29245
24546	2.69927	1.29247	1.29247	1.29658
24547	2.66065	1.28077	1.28077	1.26754
24548	2.6369	1.27754	1.27754	1.23992
24549	2.63031	1.2759	1.2759	1.23188
24550	2.87241	1.3142	1.3142	1.35162
24551	2.86897	1.31612	1.31612	1.34832
24552	2.8662	1.31568	1.31568	1.31921
24553	2.90421	1.32276	1.32276	1.34437
24554	2.63535	0.895	0.895	1.12341
24555	2.63981	0.89586	0.89586	1.11355
24556	2.64638	0.86015	0.86015	1.07203
24557	2.64388	0.83359	0.83359	1.02692
24558	2.32057	0.80868	0.80868	0.78701

24559	2.44229	0.86832	0.86832	0.89576
24560	2.40544	0	0	0
24561	2.47071	0.44619	0.44619	0.55296
24562	2.50965	0.9252	0.9252	0.95172
24563	2.65329	0.87806	0.87806	0.79808
24564	2.44504	1.13481	1.13481	1.14489
24565	2.72558	1.1432	1.1432	1.38072
24566	2.68667	0.45953	0.45953	0.7744
24567	2.63466	0.83131	0.83131	1.04075
24568	2.36767	0.74284	0.74284	0.83551
24569	2.36447	0.7948	0.7948	0.87443
24570	2.84454	0.48355	0.48355	0.72704
24571	2.89522	1.05741	1.05741	1.36187
24572	2.91251	1.06395	1.06395	1.38833
24573	2.9475	1.0911	1.0911	1.39886
24574	2.91677	0.9025	0.9025	1.18586
24575	2.91534	1.05876	1.05876	1.21564
24576	2.90809	0.9565	0.9565	1.06329
24577	2.90885	0.8877	0.8877	0.95348
24578	2.57475	0.86055	0.86055	1.02547
24579	2.56049	0.88785	0.88785	1.04696
24580	2.44873	1.01104	1.01104	1.14295
24581	2.57469	1.02393	1.02393	1.13023
24582	2.44251	0.96875	0.96875	1.04128
24583	2.44392	0.90462	0.90462	0.94556
24584	2.40221	0.37328	0.37328	0.56115
24585	2.50394	0.88318	0.88318	0.91967
24586	2.44033	0	0	0
24587	2.97508	1.16847	1.16847	1.39365
24588	2.95279	1.1755	1.1755	1.39407
24589	2.94605	1.18209	1.18209	1.39651
24590	2.69754	0.62893	0.62893	1.00608
24591	2.54096	0.96832	0.96832	1.05534
24592	2.54188	0.57276	0.57276	0.94916
24593	2.54696	0.22975	0.22975	0.32935
24594	2.66904	0.66018	0.66018	0.87695
24595	2.7664	0.75148	0.75148	0.74777
24596	2.78188	1.13355	1.13355	1.34272
24597	2.54568	0.78866	0.78866	0.94985
24598	2.40406	0.87304	0.87304	0.88505
24599	2.40419	0.81771	0.81771	0.80566

24600	2.40687	0	0	0
24601	2.46083	0.81728	0.81728	0.81015
24602	2.53035	0.77655	0.77655	1.0631
24603	2.57399	0.82375	0.82375	0.84611
24604	2.58845	0.97529	0.97529	1.1627
24605	2.58959	0.98522	0.98522	1.01012
24606	2.61075	1.09996	1.09996	1.22852
24607	2.60861	1.08997	1.08997	1.21566
24608	2.60933	1.07429	1.07429	1.19062
24609	2.82687	1.29406	1.29406	1.17777
24610	2.89878	0.92929	0.92929	1.00843
24611	2.7231	0.71183	0.71183	1.04933
24612	2.43242	0.80294	0.80294	0.83368
24613	2.53001	0.87757	0.87757	0.90697
24614	2.54387	0.82036	0.82036	0.82644
24615	2.55264	0	0	0
24616	2.38204	0.24101	0.24101	0.34182
24617	2.41658	0.89802	0.89802	0.91588
24618	2.62096	0.59425	0.59425	0.85422
24619	2.54809	0.75691	0.75691	0.82053
24620	2.4728	0	0	0
24621	2.47301	0.87865	0.87865	0.90802
24622	2.48352	0.91923	0.91923	0.97522
24623	2.48676	0.88058	0.88058	1.14174
24624	2.76355	1.03663	1.03663	1.1192
24625	2.6849	0.82101	0.82101	0.73913
24626	2.41215	0	0	0
24627	2.70062	0.98974	0.98974	1.1497
24628	2.70289	0.97771	0.97771	1.17044
24629	2.51479	0.68785	0.68785	0.69122
24630	2.52733	0.6177	0.6177	0.78632
24631	2.61669	1.10998	1.10998	1.1428
24632	2.60947	0.98671	0.98671	1.03092
24633	2.6269	1.00901	1.00901	1.06563
24634	2.54439	0.88247	0.88247	0.91
24635	2.53141	0	0	0
24636	2.70497	0.89008	0.89008	0.93786
24637	2.53676	0.99087	0.99087	1.09069
24638	2.51329	0	0	0
24639	2.2363	0	0	0
24640	2.23732	0	0	0

24641	2.64279	0.82473	0.82473	1.02974
24642	2.64323	1.00717	1.00717	1.1156
24643	2.66584	1.00516	1.00516	1.03979
24644	2.59112	0.96831	0.96831	1.04703
24645	2.58572	0.76945	0.76945	0.84436
24646	2.58491	0.51515	0.51515	0.6969
24647	2.77965	1.21063	1.21063	1.25181
24648	2.78571	1.21025	1.21025	1.25498
24649	2.68171	0.82448	0.82448	0.82211
24650	2.67853	0.8066	0.8066	1.09466
24651	2.44993	0	0	0
24652	2.51141	0.911	0.911	0.954
24653	2.5842	0.87617	0.87617	0.91979
24654	2.31438	0.86494	0.86494	0.85525
24655	2.33926	0.91666	0.91666	0.952
24656	2.65509	0.87984	0.87984	0.94304
24657	2.65338	0.96264	0.96264	1.04023
24658	2.64757	0.98677	0.98677	1.05034
24659	2.64215	0.3932	0.3932	0.54513
24660	2.8183	1.35737	1.35737	1.17483
24661	2.71093	0.84048	0.84048	0.78685
24662	2.71314	1.12966	1.12966	1.04697
24663	2.51741	1.16288	1.16288	1.26625
24664	2.30985	0.86415	0.86415	0.84982
24665	2.36691	0.82569	0.82569	0.89736
24666	2.55987	0.96261	0.96261	0.9993
24667	2.55942	0.95226	0.95226	1.03997
24668	2.55793	0.84541	0.84541	1.03234
24669	2.58454	0.90031	0.90031	1.12308
24670	2.58451	0.99905	0.99905	1.15338
24671	2.31999	0.50145	0.50145	0.83353
24672	2.29692	0.85214	0.85214	0.83792
24673	2.29614	1.02316	1.02316	1.09014
24674	2.40921	0.71349	0.71349	0.92903
24675	2.53254	0.92628	0.92628	0.96843
24676	2.87472	0.89825	0.89825	0.95878
24677	2.78289	0.11464	0.11464	0.16803
24678	2.34697	0.86343	0.86343	0.86542
24679	2.59883	0	0	0
24680	2.48765	0	0	0
24681	2.48685	0.86627	0.86627	0.88308

24682	2.60544	0.494	0.494	0.69382
24683	2.60029	0.49965	0.49965	0.82423
24684	2.43135	0.97157	0.97157	1.12411
24685	2.4311	0.80496	0.80496	0.93236
24686	2.47923	0	0	0
24687	2.51475	1.04576	1.04576	1.0259
24688	2.63363	0.96635	0.96635	1.05622
24689	2.69017	0.95528	0.95528	1.03109
24690	2.69315	1.0121	1.0121	1.10913
24691	2.4916	0.82719	0.82719	0.81563
24692	2.44114	0.90831	0.90831	0.95123
24693	2.42388	0.80735	0.80735	0.82112
24694	2.6308	1.06875	1.06875	1.267
24695	2.54009	1.07433	1.07433	1.13893
24696	2.69738	1.00371	1.00371	1.08766
24697	2.55414	0.90698	0.90698	0.97967
24698	2.63873	1.13259	1.13259	1.21085
24699	2.6426	1.12779	1.12779	1.19633
24700	2.65432	0.6711	0.6711	0.43116
24701	2.65497	1.05542	1.05542	1.03841
24702	2.60095	1.12516	1.12516	1.17997
24703	2.60498	0.91051	0.91051	0.88272
24704	2.47593	0.35844	0.35844	0.7452
24705	2.43016	0.89323	0.89323	0.92922
24706	2.49702	0.25127	0.25127	0.38264
24707	2.58287	0.89334	0.89334	0.92257
24708	2.61329	0.83131	0.83131	0.84891
24709	2.61423	0	0	0
24710	2.61214	0.75495	0.75495	0.72106
24711	2.62684	0.14382	0.14382	0.21873
24712	2.45559	0.73576	0.73576	0.71843
24713	2.44622	0.50112	0.50112	0.75307
24714	2.50018	1.01735	1.01735	1.15192
24715	2.50418	1.00724	1.00724	1.14205
24716	2.76648	1.0373	1.0373	1.19837
24717	2.76619	1.04408	1.04408	1.2066
24718	2.77603	1.05123	1.05123	1.16412
24719	2.6906	0.90647	0.90647	0.98698
24720	2.67934	0.9731	0.9731	1.08093
24721	2.66301	0.35092	0.35092	0.61418
24722	2.65483	0.74301	0.74301	0.74679

24723	2.68819	1.12616	1.12616	1.14441
24724	2.64747	0.96301	0.96301	0.92786
24725	2.54622	0.7367	0.7367	0.70716
24726	2.54106	1.04128	1.04128	1.10319
24727	2.5556	0.95605	0.95605	1.11189
24728	2.57342	0.73915	0.73915	1.13772
24729	2.57384	0.83652	0.83652	1.17027
24730	2.5077	0.74183	0.74183	0.72967
24731	2.5066	0.91739	0.91739	1.00164
24732	2.32193	0.79904	0.79904	0.78955
24733	2.81687	1.03763	1.03763	1.06682
24734	2.82902	1.0306	1.0306	1.07957
24735	2.66069	0	0	0
24736	2.6259	0.8329	0.8329	0.85549
24737	2.81425	0.77984	0.77984	0.86708
24738	2.45849	0	0	0
24739	2.51666	0.90216	0.90216	0.94745
24740	2.5336	0.81428	0.81428	0.831
24741	2.51039	0	0	0
24742	2.72669	0.40578	0.40578	0.62187
24743	2.63884	1.01648	1.01648	1.18296
24744	2.44998	0.97593	0.97593	1.04271
24745	2.44991	1.03278	1.03278	1.1232
24746	2.32707	0.92888	0.92888	0.92945
24747	2.40754	0	0	0
24748	2.44316	0.70704	0.70704	0.95978
24749	2.41303	0.81851	0.81851	0.80872
24750	2.66706	1.06408	1.06408	1.14026
24751	2.63726	1.0356	1.0356	1.11753
24752	2.62385	1.02134	1.02134	1.09153
24753	2.46562	0	0	0
24754	2.36798	1.19776	1.19776	1.11855
24755	2.37084	1.20014	1.20014	1.12633
24756	2.53706	1.02446	1.02446	1.16915
24757	2.42279	0.69023	0.69023	0.89765
24758	2.64421	1.0017	1.0017	1.08428
24759	2.39231	1.03135	1.03135	1.19997
24760	2.41188	0	0	0
24761	2.54624	1.1099	1.1099	1.24041
24762	2.48213	0	0	0
24763	2.40127	1.02293	1.02293	1.0659

24764	2.61986	0	0	0
24765	2.39718	1.03755	1.03755	1.02991
24766	2.56925	0	0	0
24767	2.48567	0.92169	0.92169	0.97041
24768	2.57544	1.00134	1.00134	1.09351
24769	2.46919	0.87268	0.87268	1.20253
24770	2.64701	0.83573	0.83573	0.84899
24771	2.64976	0	0	0
24772	2.58009	0	0	0
24773	2.62071	0.71585	0.71585	0.94293
24774	2.68302	1.01108	1.01108	1.07099
24775	2.68284	0.90247	0.90247	0.87093
24776	2.57226	1.07196	1.07196	1.11834
24777	2.54923	0.92343	0.92343	1.01685
24778	2.55722	0.89089	0.89089	1.02297
24779	2.56126	0.8865	0.8865	1.03622
24780	2.3734	0.93336	0.93336	1.111
24781	2.47704	0.97978	0.97978	1.08314
24782	2.47852	0.90379	0.90379	0.94856
24783	2.35887	0.81909	0.81909	0.91254
24784	2.45849	0.81725	0.81725	0.81473
24785	2.39633	0	0	0
24786	2.48236	1.01951	1.01951	1.11428
24787	2.63038	0.9091	0.9091	0.96949
24788	2.63226	0.8744	0.8744	0.93187
24789	2.48118	0.90256	0.90256	0.87379
24790	2.46363	1.03178	1.03178	1.10615
24791	2.76845	0.76116	0.76116	0.79624
24792	2.35856	0.89252	0.89252	0.9672
24793	2.62407	1.20571	1.20571	1.31889
24794	2.60912	0.85587	0.85587	0.84298
24795	2.50561	1.0491	1.0491	1.0694
24796	2.50054	0.42496	0.42496	0.53896
24797	2.47503	0	0	0
24798	2.97948	1.42541	1.42541	1.32072
24799	2.58549	0.85465	0.85465	0.86395
24800	2.55306	0.89036	0.89036	1.11905
24801	2.54667	0.89737	0.89737	1.1009
24802	2.39737	0.56057	0.56057	0.61437
24803	2.58268	1.14904	1.14904	1.24896
24804	2.47766	0.83569	0.83569	0.81301

24805	2.44279	0	0	0
24806	2.33926	1.09612	1.09612	1.21232
24807	2.33967	0.94961	0.94961	1.00663
24808	2.64611	0.396	0.396	0.53783
24809	2.65327	1.19129	1.19129	1.2466
24810	2.65433	1.18959	1.18959	1.24585
24811	2.52042	0	0	0
24812	2.48342	0.81646	0.81646	0.82031
24813	2.38236	0	0	0
24814	2.47079	0.64713	0.64713	0.96656
24815	2.27952	0.94229	0.94229	0.98613
24816	2.531	0.8264	0.8264	0.83439
24817	2.35102	0	0	0
24818	2.39588	0.99816	0.99816	0.993
24819	2.42714	0.17136	0.17136	0.2846
24820	2.56003	0.75097	0.75097	0.78015
24821	2.63797	0.99985	0.99985	1.07672
24822	2.64005	1.19353	1.19353	1.1058
24823	2.46291	0.93114	0.93114	1.11898
24824	2.55876	1.02873	1.02873	1.16345
24825	2.56833	1.04831	1.04831	1.16992
24826	2.63193	0.26631	0.26631	0.41575
24827	2.38025	0.74739	0.74739	0.85991
24828	2.53907	0.92132	0.92132	0.90848
24829	2.51484	1.00331	1.00331	1.07554
24830	2.51576	0.98744	0.98744	1.05895
24831	2.80955	1.2931	1.2931	1.31174
24832	2.47349	0.95539	0.95539	1.00989
24833	2.53089	0.95692	0.95692	1.1668
24834	2.5325	0.89297	0.89297	1.10552
24835	2.53369	0.86896	0.86896	1.08941
24836	2.5336	0.84571	0.84571	1.08374
24837	2.89329	0.96599	0.96599	1.16735
24838	2.89458	0.93237	0.93237	1.15045
24839	2.53092	0.81649	0.81649	0.8337
24840	2.53075	0.52915	0.52915	0.89857
24841	2.30629	0	0	0
24842	2.29894	0.79336	0.79336	0.77728
24843	2.47243	0	0	0
24844	2.71302	0.74601	0.74601	0.7699
24845	2.68985	0.85671	0.85671	0.94537

24846	2.49233	0.91656	0.91656	1.02167
24847	2.43483	1.03207	1.03207	1.11854
24848	2.44294	0.87093	0.87093	0.8859
24849	2.67223	0.74456	0.74456	0.90282
24850	2.69235	0.9695	0.9695	1.03269
24851	2.67702	0.96921	0.96921	0.85758
24852	2.6719	0.30968	0.30968	0.41702
24853	2.5995	0	0	0
24854	2.51478	0	0	0
24855	2.552	0.74014	0.74014	0.74322
24856	2.52614	0.3732	0.3732	0.66165
24857	2.53886	0.82829	0.82829	0.84647
24858	2.44787	0	0	0
24859	2.62943	0.76332	0.76332	0.76761
24860	2.62544	0.87463	0.87463	0.83251
24861	2.40608	0	0	0
24862	2.40214	0.80548	0.80548	0.84484
24863	2.40246	0.75249	0.75249	0.80725
24864	2.50202	0.43928	0.43928	0.55602
24865	2.75111	0.92157	0.92157	1.08004
24866	2.74647	1.14795	1.14795	1.29315
24867	2.74767	1.13422	1.13422	1.28938
24868	2.31601	1.02075	1.02075	1.10184
24869	2.77857	1.17505	1.17505	1.27937
24870	2.47584	0	0	0
24871	2.63213	0.88542	0.88542	0.87447
24872	2.62247	0.81193	0.81193	0.7751
24873	2.43107	0.39556	0.39556	0.5735
24874	2.46132	0	0	0
24875	2.32774	0.79385	0.79385	0.76827
24876	2.18546	0.32871	0.32871	0.4669
24877	2.65495	1.06996	1.06996	1.22351
24878	2.63716	1.07512	1.07512	1.21163
24879	2.56883	0.65214	0.65214	0.90886
24880	2.62407	1.15528	1.15528	1.29947
24881	2.61423	1.1623	1.1623	1.30134
24882	2.62745	1.18299	1.18299	1.3267
24883	2.64262	1.18451	1.18451	1.33181
24884	2.66286	1.19131	1.19131	1.34376
24885	2.69515	1.19167	1.19167	1.34928
24886	2.70545	1.19827	1.19827	1.36217

24887	2.77762	0.80639	0.80639	1.24569
24888	2.46938	0.47311	0.47311	0.8863
24889	2.60899	0.88251	0.88251	0.96514
24890	2.60513	0.93125	0.93125	1.11936
24891	2.58404	0.83867	0.83867	1.09285
24892	2.39639	0.88704	0.88704	0.9142
24893	2.39589	0.81956	0.81956	0.87122
24894	2.39346	0	0	0
24895	2.74723	0.89943	0.89943	0.99739
24896	2.73932	0.85764	0.85764	0.96417
24897	2.54023	0.88086	0.88086	0.9046
24898	2.52314	0.94287	0.94287	1.02494
24899	2.77753	0.84831	0.84831	0.96349
24900	2.63673	0.92999	0.92999	0.95682
24901	2.63503	0.96137	0.96137	1.00621
24902	2.68095	1.08762	1.08762	1.20567
24903	2.69416	1.0461	1.0461	1.24278
24904	2.44255	0	0	0
24905	2.76046	0.97499	0.97499	1.089
24906	2.74568	1.05115	1.05115	1.14199
24907	2.75179	1.04546	1.04546	1.13257
24908	2.61199	0.98465	0.98465	1.0135
24909	2.61732	1.02324	1.02324	1.06567
24910	2.61857	1.03634	1.03634	1.08013
24911	2.36846	0.85548	0.85548	0.85781
24912	2.57203	1.05398	1.05398	1.21515
24913	2.57761	1.02588	1.02588	1.20195
24914	2.67347	1.04196	1.04196	1.15467
24915	2.78007	0.83732	0.83732	0.87161
24916	2.77765	0.98464	0.98464	1.09414
24917	2.28851	0.93472	0.93472	0.94901
24918	2.73679	0.83815	0.83815	0.8584
24919	2.4064	0.81087	0.81087	0.80556
24920	2.56478	0.88538	0.88538	0.89599
24921	2.60037	1.01048	1.01048	1.11811
24922	2.56517	0.89661	0.89661	1.05351
24923	2.56636	0.88782	0.88782	1.04003
24924	2.61024	0.76272	0.76272	0.79965
24925	2.57524	0.98231	0.98231	1.12786
24926	2.58178	0.93899	0.93899	1.0504
24927	2.55137	1.03771	1.03771	1.08686

24928	2.54701	1.02955	1.02955	1.08111
24929	2.55188	0.82595	0.82595	0.75788
24930	2.63288	1.02066	1.02066	1.15394
24931	2.63641	1.04879	1.04879	1.18349
24932	2.63232	0	0	0
24933	2.56692	0	0	0
24934	2.53087	0.82859	0.82859	0.91307
24935	2.7243	1.0714	1.0714	1.27312
24936	2.49304	0.89117	0.89117	0.89113
24937	2.46591	0.8552	0.8552	0.87639
24938	2.46451	0.45474	0.45474	0.63469
24939	2.92148	1.33307	1.33307	1.38549
24940	2.93334	1.33948	1.33948	1.4119
24941	2.93461	1.34746	1.34746	1.42469
24942	2.92691	1.34775	1.34775	1.42194
24943	2.88894	1.34719	1.34719	1.34894
24944	2.46543	0.29838	0.29838	0.45317
24945	2.46396	0.89868	0.89868	0.94889
24946	2.493	0.63789	0.63789	0.70732
24947	2.33717	0.86581	0.86581	0.86396
24948	2.61728	0.86667	0.86667	0.95036
24949	2.6141	0.92049	0.92049	1.04431
24950	2.81236	1.18293	1.18293	1.26955
24951	2.55677	1.01506	1.01506	1.09443
24952	2.54106	1.03143	1.03143	1.106
24953	2.52011	0.76466	0.76466	0.69378
24954	2.51892	0.83938	0.83938	1.08451
24955	2.45468	1.02603	1.02603	1.10151
24956	2.60166	0.81027	0.81027	0.85138
24957	2.36375	0.91696	0.91696	0.95399
24958	2.41213	0.92408	0.92408	0.92496
24959	2.4665	0.86904	0.86904	0.90121
24960	2.82475	1.0661	1.0661	1.12058
24961	2.70204	0.974	0.974	0.87968
24962	2.70192	0.98679	0.98679	0.89594
24963	2.70888	1.08749	1.08749	1.0016
24964	2.58674	1.1176	1.1176	1.19317
24965	2.55197	0.98877	0.98877	1.08661
24966	2.40054	1.0284	1.0284	1.09906
24967	2.40317	1.00946	1.00946	1.07147
24968	2.6902	0.92715	0.92715	0.95354

24969	2.28937	0.3647	0.3647	0.54144
24970	2.30059	0.86159	0.86159	0.9586
24971	2.30063	0.78623	0.78623	0.90929
24972	2.81526	0.94549	0.94549	1.09635
24973	2.8442	1.10193	1.10193	1.33854
24974	2.79658	1.07944	1.07944	1.21847
24975	2.27757	0.88053	0.88053	0.8979
24976	2.59138	0.87552	0.87552	0.93118
24977	2.39692	0.38002	0.38002	0.53173
24978	2.44928	0.99161	0.99161	1.15661
24979	2.52777	0.89679	0.89679	0.96884
24980	2.7647	1.21961	1.21961	1.30805
24981	2.73176	1.21313	1.21313	1.30682
24982	2.75968	1.20668	1.20668	1.3335
24983	2.7595	1.20467	1.20467	1.33557
24984	2.57966	0.78984	0.78984	0.7226
24985	2.57264	0.42385	0.42385	0.55734
24986	2.47698	0	0	0
24987	2.5157	0.92523	0.92523	0.99381
24988	2.42887	0.89896	0.89896	1.11483
24989	2.43598	0.81172	0.81172	0.81946
24990	2.63436	0.9948	0.9948	1.19782
24991	2.63403	1.00058	1.00058	1.2005
24992	2.62233	0.41549	0.41549	0.55148
24993	2.53427	0.99988	0.99988	1.06142
24994	2.53675	1.0163	1.0163	1.08421
24995	2.35515	0.85136	0.85136	1.18593
24996	2.7321	1.02009	1.02009	1.10891
24997	2.91308	1.03767	1.03767	1.08294
24998	2.50269	0.85853	0.85853	0.91599
24999	2.62404	0	0	0
25000	2.64491	0	0	0
25001	2.35173	0.4764	0.4764	0.7092
25002	2.65161	0.8017	0.8017	0.8205
25003	2.6496	0.97348	0.97348	1.06297
25004	2.61735	1.25078	1.25078	1.27128
25005	2.57403	0.60903	0.60903	0.59285
25006	2.63434	0.93673	0.93673	1.06146
25007	2.66109	0.91967	0.91967	0.96785
25008	2.54637	0.99877	0.99877	1.18718
25009	2.52381	1.11057	1.11057	1.23481

25010	2.52102	1.1043	1.1043	1.23439
25011	2.61586	1.13561	1.13561	1.17289
25012	2.65106	0.94048	0.94048	1.27739
25013	2.69719	1.26822	1.26822	1.35209
25014	2.59048	0.46791	0.46791	0.73137
25015	2.58797	0.78943	0.78943	0.95695
25016	2.62036	0.97782	0.97782	1.23864
25017	2.41632	0.2938	0.2938	0.40252
25018	2.41469	0.73846	0.73846	0.73617
25019	2.40875	0.33802	0.33802	0.53665
25020	2.43099	1.02769	1.02769	1.16016
25021	2.46782	1.03899	1.03899	1.15696
25022	2.63467	1.05159	1.05159	1.21797
25023	2.6853	1.03435	1.03435	1.15922
25024	2.49065	1.03148	1.03148	1.12092
25025	2.7793	1.01381	1.01381	1.0667
25026	2.74685	0.5132	0.5132	0.74832
25027	2.48244	0.87166	0.87166	0.88796
25028	2.84514	1.36067	1.36067	1.35052
25029	2.8109	1.36077	1.36077	1.33462
25030	2.29975	0.95392	0.95392	1.00356
25031	2.38614	0	0	0
25032	2.46312	0.8305	0.8305	0.81617
25033	2.49858	0.81138	0.81138	0.83078
25034	2.71757	1.03404	1.03404	1.14713
25035	2.7137	1.02782	1.02782	1.23852
25036	2.71589	1.01871	1.01871	1.23982
25037	2.62797	0	0	0
25038	2.5923	0.90605	0.90605	0.96712
25039	2.56511	0.96065	0.96065	1.04776
25040	2.48809	0.79776	0.79776	0.81127
25041	2.4884	0.4178	0.4178	0.64713
25042	2.62297	0	0	0
25043	2.49859	0.89484	0.89484	1.10037
25044	2.56729	0.49566	0.49566	0.64556
25045	2.59063	0.82953	0.82953	0.84503
25046	2.58923	0.88476	0.88476	0.91422
25047	2.81279	1.35702	1.35702	1.18794
25048	2.80644	1.35573	1.35573	1.17743
25049	2.79977	1.35704	1.35704	1.21797
25050	2.56214	0.81796	0.81796	0.83617

25051	2.87116	1.23942	1.23942	1.39902
25052	2.8764	1.24834	1.24834	1.41577
25053	2.66158	0	0	0
25054	2.66835	0.83322	0.83322	0.85708
25055	2.72011	1.10802	1.10802	1.21147
25056	2.71546	1.10999	1.10999	1.20168
25057	2.42448	0.8389	0.8389	0.83752
25058	2.64076	0.94342	0.94342	1.01427
25059	2.54227	1.07063	1.07063	1.19453
25060	2.54235	0	0	0
25061	2.71271	1.10292	1.10292	1.24392
25062	2.70594	1.10485	1.10485	1.24311
25063	2.69788	1.10852	1.10852	1.24209
25064	2.68414	1.04627	1.04627	1.12053
25065	2.36028	1.12078	1.12078	1.1023
25066	2.35406	0.4962	0.4962	0.79284
25067	2.47597	0.93759	0.93759	1.19102
25068	2.47529	0.88929	0.88929	1.19822
25069	2.56646	0.94475	0.94475	1.00277
25070	2.5224	0	0	0
25071	2.64813	0.76485	0.76485	0.74891
25072	2.65274	0.82044	0.82044	0.8259
25073	2.7405	0.75026	0.75026	0.64069
25074	2.68414	1.10198	1.10198	1.23359
25075	2.68597	0.9317	0.9317	1.05413
25076	2.82356	1.18324	1.18324	1.36181
25077	2.82456	1.18342	1.18342	1.35728
25078	2.47801	0.81733	0.81733	0.82234
25079	2.58096	0	0	0
25080	2.76935	1.04581	1.04581	1.04675
25081	2.79231	1.05937	1.05937	1.20175
25082	2.78246	1.10158	1.10158	1.17894
25083	2.75863	1.10415	1.10415	1.09058
25084	2.32506	0.44472	0.44472	0.71825
25085	2.35316	0.98443	0.98443	1.05814
25086	2.69667	0	0	0
25087	2.69927	0.955	0.955	1.02361
25088	2.50478	0.86878	0.86878	0.93351
25089	2.42	0	0	0
25090	2.41687	0.81909	0.81909	0.79873
25091	2.47254	0	0	0

25092	2.3928	0	0	0
25093	2.42963	0.65363	0.65363	0.89463
25094	2.43019	0.74254	0.74254	0.8249
25095	2.81653	0.93788	0.93788	1.03174
25096	2.8167	0.95049	0.95049	1.03698
25097	2.81274	0.98399	0.98399	1.04823
25098	2.79436	0.79976	0.79976	0.74929
25099	2.60663	0.96593	0.96593	1.04136
25100	2.79502	1.03685	1.03685	1.30727
25101	2.48209	0.93959	0.93959	0.99412
25102	2.48146	0.90734	0.90734	0.95259
25103	2.54302	0.85334	0.85334	0.87869
25104	2.54529	0.90101	0.90101	0.94351
25105	2.50247	0.33964	0.33964	0.48507
25106	2.47253	0.80494	0.80494	0.75594
25107	2.44586	0.90558	0.90558	1.20831
25108	2.44341	0.88468	0.88468	1.1764
25109	2.31567	0.8431	0.8431	0.87656
25110	2.59204	1.08427	1.08427	1.2164
25111	2.60265	0.80438	0.80438	1.15511
25112	2.66972	0.99016	0.99016	1.05285
25113	2.68149	0.94749	0.94749	1.00539
25114	2.68317	0.76232	0.76232	0.75867
25115	2.58854	0.86831	0.86831	1.18214
25116	2.6625	0.83279	0.83279	1.05426
25117	2.66431	0.92222	0.92222	1.11725
25118	2.62439	0.90604	0.90604	0.9175
25119	2.38804	0.93706	0.93706	0.97198
25120	2.6252	1.02361	1.02361	1.18799
25121	2.62522	0.99924	0.99924	1.1456
25122	2.622	0.81169	0.81169	0.85463
25123	2.6189	1.03022	1.03022	1.23835
25124	2.67107	1.02809	1.02809	1.14049
25125	2.50043	0.57638	0.57638	0.86582
25126	2.50296	0.75335	0.75335	0.82084
25127	2.49888	0	0	0
25128	2.45249	0.86705	0.86705	0.91957
25129	2.42323	0.8988	0.8988	0.89688
25130	2.3236	0.93426	0.93426	0.96999
25131	2.62633	0.76154	0.76154	0.95385
25132	2.62808	0.74958	0.74958	0.94164

25133	2.49659	0.98554	0.98554	1.02483
25134	2.51896	1.11516	1.11516	1.20552
25135	2.49347	0.9835	0.9835	1.05822
25136	2.43548	1.06501	1.06501	1.09772
25137	2.37717	0.81347	0.81347	0.78203
25138	2.34562	0.49399	0.49399	0.72538
25139	2.43144	0.95621	0.95621	0.99678
25140	2.50454	0.9507	0.9507	1.07627
25141	2.65857	0.94609	0.94609	1.13098
25142	2.65765	0.93012	0.93012	1.12876
25143	2.436	1.05826	1.05826	1.18612
25144	2.56109	0	0	0
25145	2.64101	0.87946	0.87946	0.93301
25146	2.6664	0.84721	0.84721	0.81877
25147	2.55113	0.97055	0.97055	1.01691
25148	2.53855	0.52872	0.52872	0.72285
25149	2.3851	0.10888	0.10888	0.14568
25150	2.41245	0.75071	0.75071	0.72866
25151	2.76129	0.93908	0.93908	0.97569
25152	2.7718	1.11615	1.11615	1.20675
25153	2.45694	0	0	0
25154	2.47352	0.96021	0.96021	1.21927
25155	2.28555	0.94164	0.94164	0.9372
25156	2.5371	0.9097	0.9097	0.94859
25157	2.50172	0.74394	0.74394	0.7361
25158	2.53795	0.99246	0.99246	1.0841
25159	2.5382	1.02174	1.02174	1.10973
25160	2.48013	0.81256	0.81256	0.82081
25161	2.33422	1.01092	1.01092	1.08085
25162	2.33358	0.83193	0.83193	0.82826
25163	2.42319	1.00249	1.00249	1.0139
25164	2.40322	0.98238	0.98238	0.91016
25165	2.49016	1.07803	1.07803	1.13422
25166	2.76468	0.99127	0.99127	1.18145
25167	2.76746	1.01438	1.01438	1.22111
25168	2.75783	1.01375	1.01375	1.20357
25169	2.80656	0.31611	0.31611	0.54029
25170	2.75801	1.03077	1.03077	1.28884
25171	2.62109	0.54965	0.54965	0.71292
25172	2.65109	0.37935	0.37935	0.53588
25173	2.58195	0.37396	0.37396	0.47188

25174	2.66267	0.77611	0.77611	0.82796
25175	2.3642	0.94065	0.94065	1.04233
25176	2.65491	0.72137	0.72137	0.72961
25177	2.73578	1.03774	1.03774	1.22249
25178	2.79947	1.10518	1.10518	1.33887
25179	2.79835	1.10093	1.10093	1.34117
25180	2.66623	0.66404	0.66404	0.88361
25181	2.66838	0.97885	0.97885	1.10126
25182	2.48628	0	0	0
25183	2.47744	1.00161	1.00161	1.15947
25184	2.48059	0.87447	0.87447	1.2017
25185	2.57963	0.97774	0.97774	1.01204
25186	2.84002	0.84514	0.84514	0.88595
25187	2.41117	0.86622	0.86622	0.89695
25188	2.63564	0.76239	0.76239	0.75635
25189	2.53155	1.00225	1.00225	1.19001
25190	2.63965	1.02329	1.02329	1.19001
25191	2.58172	0.45062	0.45062	0.7657
25192	2.58093	0.75052	0.75052	0.74951
25193	2.64845	0.94324	0.94324	1.04161
25194	2.54629	0	0	0
25195	2.36274	0	0	0
25196	2.71225	0.99349	0.99349	1.04849
25197	2.42727	0.95297	0.95297	0.97766
25198	2.44833	0.85665	0.85665	0.92071
25199	2.62115	0.81062	0.81062	0.80763
25200	2.60616	0	0	0
25201	2.57491	0.48643	0.48643	0.66402
25202	2.52659	0.84677	0.84677	0.90856
25203	2.42682	0	0	0
25204	2.79708	0.87466	0.87466	0.95933
25205	2.79513	1.08466	1.08466	1.15917
25206	2.79543	1.09868	1.09868	1.17051
25207	2.79389	1.10929	1.10929	1.17853
25208	2.38372	1.08186	1.08186	1.1325
25209	2.39314	0.86544	0.86544	0.90452
25210	2.31458	0	0	0
25211	2.37206	0	0	0
25212	2.35887	0.87999	0.87999	0.9996
25213	2.56366	1.00612	1.00612	1.02585
25214	2.62022	1.08236	1.08236	1.22892

25215	2.6107	1.09383	1.09383	1.23097
25216	2.62096	0.82496	0.82496	0.85875
25217	2.44409	0.89181	0.89181	0.9679
25218	2.40601	0.9323	0.9323	0.96336
25219	2.40949	0.80603	0.80603	0.79903
25220	2.63712	0.39822	0.39822	0.58473
25221	2.66428	0.94619	0.94619	0.96723
25222	2.39866	0.90543	0.90543	0.91483
25223	2.49186	0.80884	0.80884	0.83195
25224	2.54339	0.8363	0.8363	0.84299
25225	2.5644	0.24092	0.24092	0.40803
25226	2.58719	0.83849	0.83849	0.82956
25227	2.71321	0.84805	0.84805	0.88171
25228	2.80207	0.99829	0.99829	1.10508
25229	2.79725	1.02753	1.02753	1.14055
25230	2.79212	1.04249	1.04249	1.15632
25231	2.75186	0.83121	0.83121	1.09667
25232	2.47776	1.07999	1.07999	1.10156
25233	2.45905	0	0	0
25234	2.53972	0	0	0
25235	2.6222	0.62213	0.62213	0.82833
25236	2.34951	0.8546	0.8546	0.92111
25237	2.34457	0.88595	0.88595	0.91899
25238	2.57458	0.69754	0.69754	0.88267
25239	2.60163	0.47682	0.47682	0.61686
25240	2.56842	1.02228	1.02228	1.09628
25241	2.34237	0.79624	0.79624	0.79595
25242	2.38644	0	0	0
25243	2.72787	1.06182	1.06182	1.24523
25244	2.7734	0.8435	0.8435	0.92826
25245	2.77514	0.96685	0.96685	1.1188
25246	2.70324	0.30785	0.30785	0.51738
25247	2.63517	0.99224	0.99224	1.10516
25248	2.64064	0.97989	0.97989	1.10448
25249	2.64348	0.95786	0.95786	1.09621
25250	2.54848	1.04809	1.04809	1.12811
25251	2.5473	0.93892	0.93892	1.02535
25252	2.56963	0.51374	0.51374	0.6899
25253	2.56615	0.82622	0.82622	0.8439
25254	2.7049	0.89174	0.89174	0.95015
25255	2.66267	0.58238	0.58238	0.86842

25256	2.62318	0.99004	0.99004	1.11833
25257	2.35879	0.76623	0.76623	0.975
25258	2.67452	1.08684	1.08684	1.17961
25259	2.50943	0.74217	0.74217	0.78476
25260	2.72426	1.17002	1.17002	1.25472
25261	2.69818	1.15733	1.15733	1.18189
25262	2.52255	0	0	0
25263	2.71561	0.93133	0.93133	1.15996
25264	2.74502	0.94374	0.94374	1.16285
25265	2.70251	0.87497	0.87497	0.95296
25266	2.71681	0.08814	0.08814	0.11487
25267	2.4297	0.39354	0.39354	0.68534
25268	2.44825	0.88171	0.88171	0.89796
25269	2.42537	0.81061	0.81061	0.86884
25270	2.42722	0.75028	0.75028	0.93952
25271	2.37762	1.01627	1.01627	1.19247
25272	2.3572	0.85941	0.85941	0.98824
25273	2.57514	0.75789	0.75789	0.83826
25274	2.48201	0.82037	0.82037	0.8219
25275	2.60279	1.16956	1.16956	1.24843
25276	2.75854	0.83918	0.83918	0.86401
25277	2.40848	0	0	0
25278	2.40218	0.47877	0.47877	0.74616
25279	2.57031	0	0	0
25280	2.62145	0.30184	0.30184	0.50812
25281	2.52221	0.64964	0.64964	0.996
25282	2.51315	0.99788	0.99788	1.11916
25283	2.47333	0.17423	0.17423	0.29818
25284	2.49399	0	0	0
25285	2.46205	1.01787	1.01787	1.15127
25286	2.4622	1.02316	1.02316	1.15235
25287	2.4631	1.02756	1.02756	1.14598
25288	2.30121	0.52424	0.52424	0.78498
25289	2.31462	0.78599	0.78599	0.88018
25290	2.52619	0.0875	0.0875	0.11216
25291	2.54617	0.81638	0.81638	0.82874
25292	2.67355	0.90205	0.90205	0.96123
25293	2.67654	0.91796	0.91796	0.96692
25294	2.70124	0.86947	0.86947	0.96344
25295	2.70899	0.79515	0.79515	0.88239
25296	2.70931	1.05487	1.05487	1.10914

25297	2.70951	1.06036	1.06036	1.11433
25298	2.67961	0.31792	0.31792	0.41472
25299	2.58598	0.9288	0.9288	1.08178
25300	2.79521	1.28186	1.28186	1.24579
25301	2.80003	1.26923	1.26923	1.11099
25302	2.56185	0.81696	0.81696	0.84952
25303	2.746	0.87654	0.87654	0.87553
25304	2.6224	0	0	0
25305	2.6042	0.7723	0.7723	0.84792
25306	2.64365	0.81135	0.81135	0.83011
25307	2.46552	0.85367	0.85367	0.84202
25308	2.53689	0.83092	0.83092	0.84101
25309	2.52124	0	0	0
25310	2.50019	0.7917	0.7917	0.8067
25311	2.61791	1.17078	1.17078	1.28732
25312	2.54897	0.85989	0.85989	0.9985
25313	2.61751	0.24905	0.24905	0.65283
25314	2.39305	0.94304	0.94304	0.98597
25315	2.64586	1.00942	1.00942	1.0825
25316	2.39196	1.14826	1.14826	1.2272
25317	2.39145	1.12871	1.12871	1.1974
25318	2.37672	0.82192	0.82192	0.80459
25319	2.57315	1.01016	1.01016	1.20123
25320	2.66945	0.77971	0.77971	1.13356
25321	2.41049	0.98725	0.98725	1.10079
25322	2.41244	1.06909	1.06909	1.18821
25323	2.42289	0.94892	0.94892	0.95663
25324	2.50495	0.81889	0.81889	0.84295
25325	2.62041	0.96154	0.96154	0.98324
25326	2.48363	0	0	0
25327	2.68191	0.57906	0.57906	0.75853
25328	2.57976	0.73448	0.73448	0.72813
25329	2.57555	0.17469	0.17469	0.20046
25330	2.46807	0.80649	0.80649	0.82592
25331	2.65438	0.90105	0.90105	0.99804
25332	2.43492	0.92025	0.92025	0.96111
25333	2.5239	0	0	0
25334	2.43936	0.46179	0.46179	0.7426
25335	2.53245	1.07006	1.07006	1.20837
25336	2.52831	0.94687	0.94687	1.02386
25337	2.44346	0	0	0

25338	2.43511	1.0083	1.0083	1.14621
25339	2.6592	0.77202	0.77202	0.81274
25340	2.60006	0.89105	0.89105	0.90976
25341	2.48645	0.70479	0.70479	0.71429
25342	2.54589	1.12634	1.12634	1.15328
25343	2.54426	1.12203	1.12203	1.14569
25344	2.45888	0.91905	0.91905	0.98466
25345	2.65396	1.12633	1.12633	1.24525
25346	2.70583	1.12721	1.12721	1.26627
25347	2.70744	1.12903	1.12903	1.26448
25348	2.59057	1.28157	1.28157	1.15942
25349	2.58631	1.28142	1.28142	1.14396
25350	2.58533	1.29279	1.29279	1.23597
25351	2.42825	0.81488	0.81488	0.76024
25352	2.42028	0	0	0
25353	2.57506	1.05862	1.05862	1.14438
25354	2.57625	1.04834	1.04834	1.15031
25355	2.81308	1.19078	1.19078	1.36053
25356	2.72322	0.9238	0.9238	0.87846
25357	2.71944	0.74483	0.74483	0.64154
25358	2.51229	0	0	0
25359	2.43226	0	0	0
25360	2.70525	1.09364	1.09364	1.26996
25361	2.29463	0.9497	0.9497	1.10707
25362	2.29488	0.97805	0.97805	1.10511
25363	2.73512	1.02185	1.02185	1.14839
25364	2.67995	1.14242	1.14242	1.25879
25365	2.56374	0.61018	0.61018	0.90869
25366	2.64913	1.06044	1.06044	1.25743
25367	2.36006	0.42358	0.42358	0.70162
25368	2.68647	1.14361	1.14361	1.23951
25369	2.69276	1.13886	1.13886	1.23874
25370	2.69789	1.13562	1.13562	1.2385
25371	2.7061	1.13072	1.13072	1.24329
25372	2.70776	1.11329	1.11329	1.22697
25373	2.68321	0.76041	0.76041	0.7519
25374	2.6608	0.53625	0.53625	0.65594
25375	2.39419	0.82359	0.82359	0.80848
25376	2.78571	1.20653	1.20653	1.33072
25377	2.78451	1.20801	1.20801	1.32503
25378	2.76229	1.21626	1.21626	1.32729

25379	2.63055	0	0	0
25380	2.57212	0	0	0
25381	2.65863	0.81532	0.81532	0.8452
25382	2.52488	0.91634	0.91634	0.94889
25383	2.52361	0.77826	0.77826	0.91802
25384	2.49855	0.80174	0.80174	0.86543
25385	2.46856	0	0	0
25386	2.59324	0.86832	0.86832	0.92752
25387	2.59607	0.81407	0.81407	0.8487
25388	2.64133	0.81572	0.81572	0.97979
25389	2.61378	0.81772	0.81772	0.85314
25390	2.6096	0.98802	0.98802	1.11243
25391	2.53004	0	0	0
25392	2.80101	1.08273	1.08273	1.2045
25393	2.79989	1.08822	1.08822	1.21017
25394	2.58671	0	0	0
25395	2.36925	0	0	0
25396	2.41888	0	0	0
25397	2.29743	0	0	0
25398	2.58812	1.11241	1.11241	1.11021
25399	2.61372	0.9561	0.9561	1.07289
25400	2.33937	0	0	0
25401	2.66375	1.21835	1.21835	1.27722
25402	2.66426	1.21642	1.21642	1.25476
25403	2.66284	1.21928	1.21928	1.2741
25404	2.4988	0.40519	0.40519	0.56771
25405	2.78016	0.76788	0.76788	0.76993
25406	2.78264	1.0995	1.0995	1.24845
25407	2.7951	1.00462	1.00462	1.26446
25408	2.80616	1.17917	1.17917	1.30735
25409	2.80553	1.17753	1.17753	1.30472
25410	2.80454	1.16407	1.16407	1.28346
25411	2.51703	0	0	0
25412	2.31965	0.9834	0.9834	0.97932
25413	2.56899	0.81769	0.81769	0.83432
25414	2.76994	1.23823	1.23823	1.29449
25415	2.76148	1.22796	1.22796	1.22747
25416	2.45786	0	0	0
25417	2.47142	0.9871	0.9871	1.1156
25418	2.76386	1.24327	1.24327	1.28082
25419	2.84351	1.24485	1.24485	1.31972

25420	2.56791	0.82972	0.82972	0.8319
25421	2.55067	0.90409	0.90409	0.99312
25422	2.78619	0.90422	0.90422	0.98537
25423	2.79374	1.11008	1.11008	1.23356
25424	2.75014	0.97139	0.97139	1.08992
25425	2.67572	0	0	0
25426	2.70159	0.82985	0.82985	0.8218
25427	2.64917	0	0	0
25428	2.64825	0.4742	0.4742	0.64015
25429	2.54165	0.97	0.97	0.99136
25430	2.53683	0.95033	0.95033	0.99195
25431	2.5132	0.806	0.806	0.70871
25432	2.91682	1.44897	1.44897	0.75177
25433	2.78188	0.99455	0.99455	1.09668
25434	2.7845	0.98904	0.98904	1.09396
25435	2.70714	0.74453	0.74453	0.75531
25436	2.71045	0.33185	0.33185	0.58792
25437	2.65348	0.90488	0.90488	0.95686
25438	2.66493	0.81965	0.81965	0.80991
25439	2.57072	1.00212	1.00212	1.09096
25440	2.56673	1.01043	1.01043	1.09926
25441	2.43949	0.92309	0.92309	0.96727
25442	2.43971	0.89948	0.89948	0.93544
25443	2.53034	0.91533	0.91533	0.95731
25444	2.67704	1.07908	1.07908	1.16198
25445	2.67868	1.08633	1.08633	1.17219
25446	2.4436	0.99614	0.99614	1.04925
25447	2.42632	0.98686	0.98686	1.049
25448	2.44128	0	0	0
25449	2.44938	0.42878	0.42878	0.58659
25450	2.35368	0.83765	0.83765	0.86937
25451	2.35298	0.52532	0.52532	0.73824
25452	2.65023	0.9714	0.9714	1.18148
25453	2.4526	0	0	0
25454	2.55662	0.27573	0.27573	0.32949
25455	2.42216	0.81966	0.81966	0.8118
25456	2.36889	0	0	0
25457	2.71863	0.91974	0.91974	0.92245
25458	2.72823	0.89615	0.89615	0.90285
25459	2.72876	0.80207	0.80207	0.9231
25460	2.54531	0.92797	0.92797	0.99517

25461	2.71975	1.17777	1.17777	1.27764
25462	2.71975	1.17561	1.17561	1.27985
25463	2.71964	1.17254	1.17254	1.27896
25464	2.72033	1.17044	1.17044	1.28172
25465	2.66654	0.59948	0.59948	0.75492
25466	2.69396	0	0	0
25467	2.61479	1.02176	1.02176	1.09467
25468	2.61236	1.03065	1.03065	1.10189
25469	2.62004	1.10657	1.10657	1.19946
25470	2.37185	0.79476	0.79476	0.79106
25471	2.47706	0.87418	0.87418	0.9058
25472	2.45426	0.98003	0.98003	1.01286
25473	2.45416	0.94726	0.94726	0.96344
25474	2.74822	1.14596	1.14596	1.25979
25475	2.74709	1.10133	1.10133	1.1996
25476	2.5779	1.18529	1.18529	1.09971
25477	2.41785	0.84972	0.84972	0.88826
25478	2.52805	1.0025	1.0025	1.12547
25479	2.66602	0.76548	0.76548	0.79041
25480	2.62151	1.00408	1.00408	1.18094
25481	2.6824	1.08293	1.08293	1.22391
25482	2.69609	1.08766	1.08766	1.24042
25483	2.69408	1.11081	1.11081	1.28467
25484	2.36395	0.80502	0.80502	0.80032
25485	2.76654	1.47974	1.47974	1.10748
25486	2.82056	1.47778	1.47778	1.33251
25487	2.86317	1.47765	1.47765	1.34215
25488	2.83838	1.47457	1.47457	1.3034
25489	2.84985	1.47578	1.47578	1.33932
25490	2.86189	1.47616	1.47616	1.34023
25491	2.87546	1.47656	1.47656	1.34221
25492	2.88259	1.47699	1.47699	1.34201
25493	2.58271	1.0635	1.0635	1.16809
25494	2.48866	0.11193	0.11193	0.16316
25495	2.52793	0.88534	0.88534	0.91142
25496	2.61722	1.05826	1.05826	1.21174
25497	2.69982	0.91389	0.91389	1.0098
25498	2.62776	0	0	0
25499	2.78415	0.74998	0.74998	0.78385
25500	2.78788	0.80423	0.80423	0.86899
25501	2.30532	0	0	0

25502	2.648	1.14219	1.14219	1.27573
25503	2.65957	1.15254	1.15254	1.28891
25504	2.65789	1.15365	1.15365	1.28869
25505	2.70495	0.84093	0.84093	0.86243
25506	2.70482	1.00976	1.00976	1.09857
25507	2.65336	1.01305	1.01305	1.09907
25508	2.66936	0.99519	0.99519	1.08394
25509	2.67049	0.8675	0.8675	0.89425
25510	2.46796	0.80579	0.80579	0.81362
25511	2.38389	0.71663	0.71663	1.12888
25512	2.44765	0.74876	0.74876	0.69729
25513	2.58618	0.75391	0.75391	0.77147
25514	2.47272	0.87629	0.87629	0.9152
25515	2.52842	0.97012	0.97012	1.03003
25516	2.59416	0	0	0
25517	2.58829	0.94615	0.94615	1.02545
25518	2.40234	0.96934	0.96934	1.23603
25519	2.93059	1.38568	1.38568	1.30993
25520	2.49751	0	0	0
25521	2.5422	0.89506	0.89506	0.97328
25522	2.53203	0.90321	0.90321	0.96229
25523	2.53506	0.86982	0.86982	0.91818
25524	2.53354	0.66361	0.66361	0.81709
25525	2.55671	0.8719	0.8719	0.61059
25526	2.77017	1.35221	1.35221	1.19109
25527	2.80401	1.35201	1.35201	1.20728
25528	2.68945	0.67983	0.67983	0.83717
25529	2.34729	0.80749	0.80749	0.79026
25530	2.31698	0.79775	0.79775	0.76347
25531	2.49179	0.86899	0.86899	0.89853
25532	2.38371	1.04849	1.04849	1.09381
25533	2.62631	1.01896	1.01896	1.15288
25534	2.60252	0	0	0
25535	2.44561	1.17908	1.17908	1.1777
25536	2.6219	0.93809	0.93809	0.97663
25537	2.62303	0.98862	0.98862	1.03926
25538	2.63067	1.04784	1.04784	1.11871
25539	2.65213	0	0	0
25540	2.52787	0.85838	0.85838	0.88115
25541	2.75051	1.13583	1.13583	1.19943
25542	2.75233	1.12671	1.12671	1.04635

25543	2.58304	0	0	0
25544	2.55372	0.82944	0.82944	0.82876
25545	2.53883	0	0	0
25546	2.40136	0.80284	0.80284	0.81179
25547	2.64653	1.07202	1.07202	1.20339
25548	2.65556	1.07203	1.07203	1.19091
25549	2.65785	1.06843	1.06843	1.18273
25550	2.75341	1.02848	1.02848	1.29685
25551	2.75128	1.01165	1.01165	1.2671
25552	2.74979	0.97764	0.97764	1.20271
25553	2.74325	0.8101	0.8101	0.88066
25554	2.37523	0	0	0
25555	2.58146	0.52985	0.52985	0.7113
25556	2.40662	0.84452	0.84452	0.88175
25557	2.50114	0	0	0
25558	2.6622	1.19696	1.19696	1.30143
25559	2.49755	0	0	0
25560	2.41188	0	0	0
25561	2.30067	0.97059	0.97059	1.0403
25562	2.71122	0.92795	0.92795	0.99126
25563	2.55523	0.97329	0.97329	1.03776
25564	2.60519	0.86207	0.86207	0.95404
25565	2.70771	0.95651	0.95651	1.10608
25566	2.36839	0.80604	0.80604	0.79693
25567	2.83771	0.99579	0.99579	1.26383
25568	2.99956	1.25056	1.25056	1.45936
25569	2.9764	1.2468	1.2468	1.4496
25570	2.93918	1.24617	1.24617	1.44256
25571	2.93928	1.24428	1.24428	1.44648
25572	2.42402	0.90691	0.90691	0.90824
25573	2.27843	0.86941	0.86941	0.94148
25574	2.29468	0.79751	0.79751	0.80522
25575	2.74716	0.89268	0.89268	0.85612
25576	2.75421	1.00493	1.00493	1.0178
25577	2.75087	1.00059	1.00059	1.04661
25578	2.75626	0.97446	0.97446	1.03219
25579	2.53717	0.95577	0.95577	0.96903
25580	2.72718	0.90042	0.90042	0.95545
25581	2.50333	0	0	0
25582	2.55271	0.91381	0.91381	1.14308
25583	2.60846	0.81258	0.81258	0.8541

25584	2.2373	0.79733	0.79733	0.75241
25585	2.67793	0	0	0
25586	2.25712	0.80957	0.80957	0.73137
25587	2.6259	0.58463	0.58463	0.74462
25588	2.62618	0.60294	0.60294	0.77259
25589	2.62673	0.57881	0.57881	0.74082
25590	2.56557	0.05512	0.05512	0.18243
25591	2.52137	0	0	0
25592	2.69347	0.91308	0.91308	1.07107
25593	2.46217	0	0	0
25594	2.43696	0.14203	0.14203	0.20828
25595	2.87747	1.17799	1.17799	1.24355
25596	2.85611	1.17848	1.17848	1.2408
25597	2.87859	1.20457	1.20457	1.25175
25598	2.87771	1.2173	1.2173	1.25594
25599	2.84637	1.22036	1.22036	1.25235
25600	2.83133	1.22122	1.22122	1.25459
25601	2.69562	1.22038	1.22038	1.21088
25602	2.46262	0.82137	0.82137	0.81701
25603	2.58593	0.92421	0.92421	0.99905
25604	2.5609	0.963	0.963	1.05003
25605	2.74031	0.96703	0.96703	1.05304
25606	2.38069	0	0	0
25607	2.3733	1.05543	1.05543	1.11321
25608	2.56007	0.8104	0.8104	0.85367
25609	2.56287	0	0	0
25610	2.46191	0.87991	0.87991	0.90197
25611	2.38255	0.81272	0.81272	0.7568
25612	2.45671	0.88494	0.88494	0.97053
25613	2.4666	0.88265	0.88265	0.85169
25614	2.63453	1.09205	1.09205	1.1302
25615	2.63712	1.09887	1.09887	1.13875
25616	2.69857	1.17925	1.17925	1.21783
25617	2.64408	0.91839	0.91839	1.12275
25618	2.6068	1.07982	1.07982	1.15005
25619	2.58475	0.87205	0.87205	1.05388
25620	2.56058	0.88765	0.88765	1.05833
25621	2.76967	1.15489	1.15489	1.17166
25622	2.74622	0.76879	0.76879	0.74296
25623	2.71548	1.05685	1.05685	1.09805
25624	2.71075	1.02213	1.02213	1.06152

25625	2.69872	0.82911	0.82911	0.74631
25626	2.49394	0.56582	0.56582	0.74501
25627	2.4948	0.78759	0.78759	0.87862
25628	2.49319	0.83391	0.83391	0.91741
25629	2.4731	1.06159	1.06159	1.17377
25630	2.47862	1.0513	1.0513	1.16052
25631	2.48063	0.84086	0.84086	0.8282
25632	2.60028	0.80941	0.80941	0.85479
25633	2.51204	0.76497	0.76497	0.77591
25634	2.51482	0.53361	0.53361	0.68502
25635	2.62457	1.24333	1.24333	1.24443
25636	2.53475	0.87679	0.87679	0.91557
25637	2.35183	0.91124	0.91124	0.9424
25638	2.35218	0.99964	0.99964	1.07651
25639	2.59263	0.94265	0.94265	1.00508
25640	2.63296	0.92119	0.92119	0.92024
25641	2.72142	0.66937	0.66937	1.09799
25642	2.37976	0	0	0
25643	2.47608	0.92542	0.92542	1.00392
25644	2.39705	0	0	0
25645	2.86824	1.06569	1.06569	1.09514
25646	2.27126	0.78855	0.78855	0.7673
25647	2.54646	1.01458	1.01458	1.07368
25648	2.54946	1.00331	1.00331	1.06021
25649	2.54882	0.98079	0.98079	1.01509
25650	2.59991	0.92492	0.92492	1.02101
25651	2.57858	0	0	0
25652	2.57963	0.25653	0.25653	0.33521
25653	2.63708	0.8341	0.8341	0.84063
25654	2.82658	1.10478	1.10478	1.26216
25655	2.87095	0.91889	0.91889	1.15823
25656	2.61372	0.97801	0.97801	1.07354
25657	2.43169	0.33462	0.33462	0.35448
25658	2.44273	0.33592	0.33592	0.53617
25659	2.73912	0.53798	0.53798	0.64761
25660	2.742	0.79536	0.79536	0.99334
25661	2.79705	1.38762	1.38762	1.19688
25662	2.77768	1.3876	1.3876	1.19409
25663	2.80492	1.38751	1.38751	1.21774
25664	2.73109	0.75573	0.75573	1.08317
25665	2.71361	1.04493	1.04493	1.16257

25666	2.71095	1.02313	1.02313	1.13194
25667	2.70988	0.90817	0.90817	0.96918
25668	2.6711	0.63948	0.63948	0.95767
25669	2.67139	0.82994	0.82994	1.03335
25670	2.67074	0.90354	0.90354	1.07436
25671	2.66976	0.9528	0.9528	1.10815
25672	2.67517	0.63584	0.63584	0.94091
25673	2.66987	0.83061	0.83061	0.81267
25674	2.39241	0.95576	0.95576	1.01006
25675	2.39375	0.83831	0.83831	0.85026
25676	2.29881	0.96305	0.96305	0.98785
25677	2.39692	0.80052	0.80052	0.8937
25678	2.69919	1.11149	1.11149	1.20489
25679	2.50797	0.80684	0.80684	0.89464
25680	2.59824	0.87062	0.87062	0.87216
25681	2.66309	0	0	0
25682	2.52789	0.62816	0.62816	0.72438
25683	2.40067	0.92341	0.92341	0.93189
25684	2.37754	1.06056	1.06056	1.08904
25685	2.84279	0.93136	0.93136	1.00221
25686	2.8495	1.10757	1.10757	1.24854
25687	2.84409	1.11615	1.11615	1.25555
25688	2.41288	0.80591	0.80591	0.80524
25689	2.51056	0.15524	0.15524	0.19396
25690	2.52448	0.82071	0.82071	0.80724
25691	2.43367	0.95155	0.95155	1.00064
25692	2.7039	1.16458	1.16458	1.24609
25693	2.72111	1.09143	1.09143	1.15506
25694	2.72224	1.08983	1.08983	1.16733
25695	2.27226	0.93173	0.93173	0.93898
25696	2.74751	0	0	0
25697	2.58488	0.49379	0.49379	0.73581
25698	2.64737	0.38215	0.38215	0.49991
25699	2.68477	0.99315	0.99315	0.92196
25700	2.5743	0.89951	0.89951	0.96557
25701	2.50681	0.93001	0.93001	0.94287
25702	2.49959	0.98038	0.98038	1.02825
25703	2.59141	1.00706	1.00706	1.2359
25704	2.57646	0.92371	0.92371	1.054
25705	2.39268	0.21454	0.21454	0.35617
25706	2.43075	0.90622	0.90622	0.9612

25707	2.77207	1.16667	1.16667	1.34772
25708	2.78613	1.14466	1.14466	1.32414
25709	2.79612	1.13918	1.13918	1.32679
25710	2.81519	1.1272	1.1272	1.31795
25711	2.83346	1.0881	1.0881	1.24193
25712	2.82988	0.82626	0.82626	0.8524
25713	2.61291	0.85609	0.85609	1.2042
25714	2.73173	1.08677	1.08677	1.16966
25715	2.73943	1.09688	1.09688	1.25089
25716	2.72094	1.09336	1.09336	1.25
25717	2.71614	1.08615	1.08615	1.25167
25718	2.83604	0.86984	0.86984	1.01048
25719	2.84096	0.5425	0.5425	1.05274
25720	2.3963	0.80566	0.80566	0.80015
25721	2.47839	0.75103	0.75103	0.78682
25722	2.47468	0.83835	0.83835	0.89517
25723	2.53337	0.64179	0.64179	1.212
25724	2.37888	0	0	0
25725	2.57966	0	0	0
25726	2.48002	0	0	0
25727	2.45331	0.41825	0.41825	0.64339
25728	2.61806	1.06775	1.06775	1.23488
25729	2.61975	1.07228	1.07228	1.22575
25730	2.51876	0	0	0
25731	2.4357	0.81117	0.81117	0.80946
25732	2.40139	0	0	0
25733	2.38586	0.73504	0.73504	0.69459
25734	2.66394	1.21664	1.21664	1.2475
25735	2.66024	1.21791	1.21791	1.27543
25736	2.41038	0.82078	0.82078	0.81072
25737	2.42219	0.38396	0.38396	0.65914
25738	2.68658	1.16171	1.16171	1.19256
25739	2.67624	1.15777	1.15777	1.19342
25740	2.67065	1.14033	1.14033	1.1825
25741	2.47815	0	0	0
25742	2.50841	0.90063	0.90063	0.97936
25743	2.314	0.88981	0.88981	0.90927
25744	2.45668	0.92009	0.92009	0.95245
25745	2.46132	0.96513	0.96513	0.99314
25746	2.44378	0	0	0
25747	2.46728	0.8491	0.8491	0.87253

25748	2.46582	0.9298	0.9298	0.98284
25749	2.47386	0	0	0
25750	2.45859	0.82138	0.82138	0.81971
25751	2.75205	0.16015	0.16015	0.23895
25752	2.81559	1.0175	1.0175	1.09717
25753	2.8232	1.16636	1.16636	1.21975
25754	2.81511	1.15959	1.15959	1.19257
25755	2.39501	0.88806	0.88806	0.91062
25756	2.63059	0.9888	0.9888	1.09474
25757	2.62496	0.87077	0.87077	0.92511
25758	2.50698	0.45161	0.45161	0.57922
25759	2.6926	0.918	0.918	1.15567
25760	2.6918	0.89979	0.89979	1.15265
25761	2.4421	0.81723	0.81723	0.81224
25762	2.47696	1.22004	1.22004	1.18611
25763	2.43147	1.00763	1.00763	1.11262
25764	2.58958	0	0	0
25765	2.57742	0.82698	0.82698	0.79104
25766	2.42995	0.9546	0.9546	0.99352
25767	2.51009	0.70001	0.70001	0.77489
25768	2.62344	0.99931	0.99931	1.08027
25769	2.61823	1.00829	1.00829	1.08817
25770	2.62137	0.29605	0.29605	0.58495
25771	2.28232	0	0	0
25772	2.6233	0	0	0
25773	2.63185	0.50665	0.50665	0.86755
25774	2.92304	0.75522	0.75522	0.78997
25775	2.95717	1.16609	1.16609	1.3299
25776	2.95482	1.16797	1.16797	1.3336
25777	2.97252	1.22855	1.22855	1.43095
25778	2.35739	1.03282	1.03282	1.07469
25779	2.75381	1.18502	1.18502	1.33628
25780	2.73257	1.18819	1.18819	1.32772
25781	2.56868	0.34748	0.34748	0.56169
25782	2.72582	0.84043	0.84043	0.85897
25783	2.66791	0.89765	0.89765	0.94361
25784	2.75751	1.10536	1.10536	0.86732
25785	2.7704	1.10962	1.10962	1.15631
25786	2.85441	1.10937	1.10937	1.2585
25787	2.732	1.10823	1.10823	1.25585
25788	2.72908	1.09067	1.09067	1.24153

25789	2.36609	1.0106	1.0106	1.19034
25790	2.59433	0.81133	0.81133	1.30149
25791	2.57178	1.17229	1.17229	1.33928
25792	2.73781	0.76198	0.76198	0.9142
25793	2.78972	0.8808	0.8808	1.06928
25794	2.6059	0	0	0
25795	2.57561	0.9847	0.9847	1.05112
25796	2.56377	1.02545	1.02545	1.1002
25797	2.58666	1.15516	1.15516	1.23431
25798	2.41447	0.77515	0.77515	1.1038
25799	2.42914	0.8011	0.8011	1.03524
25800	2.49324	0.74565	0.74565	0.76165
25801	2.62708	1.09515	1.09515	1.22004
25802	2.42212	0.87533	0.87533	0.86142
25803	2.65101	1.04494	1.04494	1.27372
25804	2.58081	0.74166	0.74166	0.81706
25805	2.41565	0.33417	0.33417	0.51989
25806	2.58005	0.94893	0.94893	1.12214
25807	2.57529	0.85074	0.85074	0.87923
25808	2.57553	0.82207	0.82207	0.88803
25809	2.62425	0.80965	0.80965	0.85309
25810	2.46399	0.86801	0.86801	0.8814
25811	2.51377	0.88513	0.88513	0.88764
25812	2.6725	1.0125	1.0125	1.10311
25813	2.66452	0.92467	0.92467	0.92123
25814	2.66485	0.95527	0.95527	0.93392
25815	2.45862	0.97721	0.97721	1.0723
25816	2.45869	0.98294	0.98294	1.08219
25817	2.38741	0	0	0
25818	2.46786	0.51074	0.51074	0.81082
25819	2.47771	0.8271	0.8271	1.00152
25820	2.35488	0.92298	0.92298	0.93904
25821	2.46552	0.93695	0.93695	0.97276
25822	2.40359	0.4029	0.4029	0.58378
25823	2.58532	0.6246	0.6246	0.81959
25824	2.56705	0.7772	0.7772	0.91468
25825	2.53311	1.17429	1.17429	1.20968
25826	2.53899	1.19403	1.19403	1.27539
25827	2.45723	0.89834	0.89834	0.98134
25828	2.46244	0.93295	0.93295	0.99945
25829	2.46534	0.95688	0.95688	1.01379

25830	2.46934	0.97519	0.97519	1.02808
25831	2.6884	0.73419	0.73419	1.10452
25832	2.43699	0.8429	0.8429	1.04429
25833	2.64337	1.03179	1.03179	1.1433
25834	2.62101	1.01763	1.01763	1.12442
25835	2.62719	0.98958	0.98958	1.09486
25836	2.63468	0.91219	0.91219	1.01278
25837	2.76237	1.31013	1.31013	1.21186
25838	2.32764	0.8517	0.8517	0.87921
25839	2.70179	0.86617	0.86617	0.95451
25840	2.70074	0.89813	0.89813	1.00591
25841	2.6997	0.92884	0.92884	1.06166
25842	2.7129	1.02038	1.02038	1.14374
25843	2.70808	1.03276	1.03276	1.15901
25844	2.70876	1.02395	1.02395	1.11461
25845	2.61264	0.87222	0.87222	0.92351
25846	2.61654	0.94501	0.94501	1.03046
25847	2.6301	0.95944	0.95944	1.05586
25848	2.59672	0.97328	0.97328	1.01761
25849	2.49511	0.81192	0.81192	0.83014
25850	2.44285	0.9787	0.9787	1.14244
25851	2.90005	1.0673	1.0673	1.2845
25852	2.88461	1.07833	1.07833	1.29095
25853	2.86871	1.08619	1.08619	1.27817
25854	2.87344	1.09072	1.09072	1.28754
25855	2.86582	1.09373	1.09373	1.28151
25856	2.86641	1.11092	1.11092	1.31605
25857	2.62735	0	0	0
25858	2.63992	0.89785	0.89785	1.00333
25859	2.49954	0	0	0
25860	2.39637	0	0	0
25861	2.65432	1.14763	1.14763	1.3522
25862	2.63874	1.17192	1.17192	1.37429
25863	2.63369	1.17552	1.17552	1.37149
25864	2.57663	0.4808	0.4808	0.65654
25865	2.58509	0.72073	0.72073	0.77351
25866	2.57927	0.85468	0.85468	0.92773
25867	2.43051	0	0	0
25868	2.41391	0.99331	0.99331	1.02336
25869	2.4145	0.90584	0.90584	0.91411
25870	2.78222	0.90482	0.90482	1.08146

25871	2.79197	0.85743	0.85743	1.02336
25872	2.38607	0.90597	0.90597	1.13281
25873	2.38645	0.95236	0.95236	1.15738
25874	2.6941	1.00115	1.00115	1.05653
25875	2.69725	0.99127	0.99127	1.0594
25876	2.69796	0.893	0.893	0.92198
25877	2.75276	1.06727	1.06727	1.19403
25878	2.75137	1.0923	1.0923	1.24687
25879	2.7851	1.25329	1.25329	1.1231
25880	2.50481	0.87353	0.87353	0.90546
25881	2.4172	0.81641	0.81641	0.80803
25882	2.79204	1.16983	1.16983	1.34501
25883	2.56419	0.9227	0.9227	0.96877
25884	2.4267	1.06594	1.06594	1.21983
25885	2.43104	1.06902	1.06902	1.19135
25886	2.44549	1.11739	1.11739	1.24018
25887	2.45165	1.13642	1.13642	1.24943
25888	2.45632	1.16488	1.16488	1.25357
25889	2.76743	1.24553	1.24553	1.16376
25890	2.77498	1.24634	1.24634	1.17344
25891	2.76693	0.92494	0.92494	1.08605
25892	2.7641	0.87937	0.87937	0.99924
25893	2.70974	0.7286	0.7286	0.78608
25894	2.55476	1.23561	1.23561	1.20415
25895	2.49512	0	0	0
25896	2.64317	0.96625	0.96625	1.2076
25897	2.64351	0.95989	0.95989	1.21982
25898	2.50826	0.86516	0.86516	0.93037
25899	2.39694	0.79997	0.79997	0.89183
25900	2.30321	0	0	0
25901	2.88334	0.40814	0.40814	0.7989
25902	2.98114	1.13225	1.13225	1.46753
25903	2.38654	0.56468	0.56468	0.73995
25904	2.39023	0.58895	0.58895	0.8394
25905	2.57778	1.15201	1.15201	1.31644
25906	2.7045	1.16452	1.16452	1.19323
25907	2.46572	0	0	0
25908	2.62043	0.80714	0.80714	0.83406
25909	2.61933	0.2853	0.2853	0.33724
25910	2.39546	0.90512	0.90512	0.92314
25911	2.64249	0.98251	0.98251	1.13741

25912	2.86114	1.30536	1.30536	1.29061
25913	2.87228	1.33024	1.33024	1.28397
25914	2.41625	0.96348	0.96348	1.10581
25915	2.46028	0.95118	0.95118	0.98532
25916	2.46217	1.03128	1.03128	1.10154
25917	2.46325	1.04697	1.04697	1.12111
25918	2.43509	0.83561	0.83561	0.85035
25919	2.44703	0.93906	0.93906	0.98758
25920	3.00346	1.263	1.263	1.35089
25921	2.91443	1.28992	1.28992	1.33679
25922	2.89493	1.28911	1.28911	1.29392
25923	2.38939	1.12651	1.12651	1.1101
25924	2.64797	0.9707	0.9707	1.02624
25925	2.64686	0.92533	0.92533	0.96175
25926	2.29653	1.00277	1.00277	1.06287
25927	2.32014	0.99097	0.99097	1.07697
25928	2.38549	0.28767	0.28767	0.376
25929	2.37028	0.8591	0.8591	0.84823
25930	2.31765	1.0289	1.0289	1.10177
25931	2.37208	0.94022	0.94022	0.98133
25932	2.54274	0.20297	0.20297	0.28147
25933	2.636	0.83609	0.83609	0.8425
25934	2.44788	0.38697	0.38697	0.53058
25935	2.4409	0.74834	0.74834	0.74346
25936	2.70044	0.90236	0.90236	0.99296
25937	2.49543	0.82753	0.82753	0.82277
25938	2.49485	0	0	0
25939	2.41941	0	0	0
25940	2.54825	0	0	0
25941	2.53627	0.1092	0.1092	0.15086
25942	2.3932	0	0	0
25943	2.43932	0.93184	0.93184	0.95907
25944	2.4393	0.98321	0.98321	1.03798
25945	2.57866	0.9918	0.9918	1.09757
25946	2.48733	0.95697	0.95697	1.19827
25947	2.46725	0.3236	0.3236	0.8215
25948	2.30634	0.55725	0.55725	0.86577
25949	2.48289	0.82855	0.82855	0.87472
25950	2.48323	0.79703	0.79703	0.84178
25951	2.44703	0	0	0
25952	2.33941	0.99314	0.99314	1.04322

25953	2.29823	0.84575	0.84575	0.83894
25954	2.30455	0.79221	0.79221	0.77188
25955	2.41295	1.33881	1.33881	1.06285
25956	2.4295	1.34193	1.34193	0.95537
25957	2.34845	0.99491	0.99491	1.18487
25958	2.81211	0	0	0
25959	2.45604	0.90805	0.90805	0.97829
25960	2.49569	0.73797	0.73797	0.73849
25961	2.50702	1.07439	1.07439	1.15687
25962	2.50808	1.05843	1.05843	1.14482
25963	2.50678	0.85373	0.85373	0.8525
25964	2.502	0.93181	0.93181	1.08639
25965	2.41829	0.91355	0.91355	0.95407
25966	2.60282	0	0	0
25967	2.8034	0.77144	0.77144	0.96808
25968	2.777	0.63115	0.63115	0.88698
25969	2.63221	0	0	0
25970	2.46828	0.81049	0.81049	0.86672
25971	2.54839	1.12542	1.12542	1.14432
25972	2.54223	1.11958	1.11958	1.13524
25973	2.66359	0.80231	0.80231	0.98942
25974	2.4053	0.78649	0.78649	0.86839
25975	2.49712	0.95542	0.95542	1.00622
25976	2.58321	1.04271	1.04271	1.14069
25977	2.42977	1.04651	1.04651	1.1222
25978	2.65197	0.82134	0.82134	0.8552
25979	2.753	1.34872	1.34872	1.192
25980	2.7473	1.34918	1.34918	1.20194
25981	2.76109	1.35106	1.35106	1.1779
25982	2.71522	0	0	0
25983	2.70577	1.11418	1.11418	1.27893
25984	2.53363	0.96428	0.96428	0.97557
25985	2.76216	1.0792	1.0792	1.25095
25986	2.49939	1.02556	1.02556	1.14592
25987	2.53799	1.14259	1.14259	1.23646
25988	2.49615	0.395	0.395	0.52831
25989	2.47652	0.9086	0.9086	1.13436
25990	2.40938	1.0132	1.0132	0.97483
25991	2.43003	1.00639	1.00639	1.04297
25992	2.42987	0.9752	0.9752	1.00862
25993	2.64348	0.89936	0.89936	1.0031

25994	2.55138	0.17189	0.17189	0.27116
25995	2.37659	0.96229	0.96229	1.10662
25996	2.50554	0	0	0
25997	2.65078	0.8125	0.8125	0.89419
25998	2.58166	0.94316	0.94316	0.99345
25999	2.53786	0.35413	0.35413	0.57206
26000	2.53807	0.76502	0.76502	0.88759
26001	2.82243	0.96433	0.96433	1.19961
26002	2.82269	0.94469	0.94469	1.14666
26003	2.81837	0.92084	0.92084	1.13426
26004	2.81686	0.91548	0.91548	1.12491
26005	2.5453	0.93898	0.93898	0.98652
26006	2.63757	1.07384	1.07384	1.26976
26007	2.4587	0	0	0
26008	2.79142	1.02478	1.02478	1.26164
26009	2.78124	1.004	1.004	1.25703
26010	2.76529	0.92234	0.92234	1.18735
26011	2.39428	0	0	0
26012	2.97876	1.31606	1.31606	1.41632
26013	2.95829	1.32192	1.32192	1.40191
26014	2.93568	1.32557	1.32557	1.39342
26015	2.94475	1.32531	1.32531	1.39718
26016	2.92	1.32507	1.32507	1.38493
26017	2.91535	1.32517	1.32517	1.38065
26018	2.45472	0	0	0
26019	2.56312	0.99619	0.99619	1.1064
26020	2.56871	1.04591	1.04591	1.18716
26021	2.51857	0.55304	0.55304	0.71589
26022	2.52102	0.83634	0.83634	0.76154
26023	2.40352	0.9384	0.9384	0.9921
26024	2.61393	0.69865	0.69865	0.67458
26025	2.65315	1.03469	1.03469	1.25937
26026	2.38519	0.94706	0.94706	0.98631
26027	2.60922	0.82868	0.82868	0.83927
26028	2.57034	1.02865	1.02865	1.0738
26029	2.59717	1.1232	1.1232	1.20738
26030	2.67357	0	0	0
26031	2.66608	0.8376	0.8376	0.8257
26032	2.65206	0.22988	0.22988	0.29083
26033	2.4447	0.93688	0.93688	1.02742
26034	2.44215	1.04681	1.04681	1.08341

26035	2.53494	0.99061	0.99061	1.07303
26036	2.53041	1.00859	1.00859	1.09479
26037	2.58447	0.93691	0.93691	1.00467
26038	2.41379	0.86553	0.86553	0.88329
26039	2.46203	0.83886	0.83886	0.8675
26040	2.62684	0	0	0
26041	2.47841	0	0	0
26042	2.75072	1.0321	1.0321	1.22959
26043	2.59329	0.80932	0.80932	0.8533
26044	2.36786	1.08228	1.08228	1.192
26045	2.36935	0.89961	0.89961	1.12531
26046	2.37541	0.89944	0.89944	1.17393
26047	2.39827	0.8691	0.8691	0.88817
26048	2.34522	0.33476	0.33476	0.51092
26049	2.5796	1.0358	1.0358	1.07429
26050	2.58002	0.56042	0.56042	0.71822
26051	2.58992	0.92319	0.92319	0.87741
26052	2.55037	0.83058	0.83058	0.74128
26053	2.38795	0	0	0
26054	2.4419	0.84475	0.84475	0.92352
26055	2.44234	0.91037	0.91037	0.96233
26056	2.57596	0.91975	0.91975	0.96898
26057	2.36264	0.2996	0.2996	0.45108
26058	2.40662	0.86731	0.86731	0.88465
26059	2.40936	0.75609	0.75609	0.71665
26060	2.67619	0	0	0
26061	2.74462	0.7454	0.7454	0.70356
26062	2.39072	0.92302	0.92302	0.95716
26063	2.52336	0.88802	0.88802	0.96989
26064	2.3574	0	0	0
26065	2.40105	1.01476	1.01476	1.07367
26066	2.59934	0.89248	0.89248	0.92722
26067	2.54171	0.75002	0.75002	1.01372
26068	2.62361	0.81932	0.81932	0.83839
26069	2.59392	0.86892	0.86892	0.86194
26070	2.71687	0.779	0.779	0.97252
26071	2.72535	0.54036	0.54036	0.89089
26072	2.65711	0.79113	0.79113	0.78159
26073	2.65843	0.42764	0.42764	0.63132
26074	2.59639	1.11243	1.11243	1.21141
26075	2.32918	0	0	0

26076	2.32512	0.79661	0.79661	0.76492
26077	2.40721	0	0	0
26078	2.52587	0.95201	0.95201	0.99525
26079	2.52085	0.80689	0.80689	0.88562
26080	2.62124	1.0155	1.0155	1.12176
26081	2.91695	1.08012	1.08012	1.36813
26082	2.91489	1.18991	1.18991	1.39602
26083	2.92075	1.18526	1.18526	1.39568
26084	2.93023	1.18376	1.18376	1.40184
26085	2.9321	1.17841	1.17841	1.40009
26086	2.92993	1.1723	1.1723	1.39527
26087	2.9317	1.1637	1.1637	1.38736
26088	2.93417	1.14711	1.14711	1.36623
26089	2.50886	0.64663	0.64663	0.93017
26090	2.59829	1.06941	1.06941	1.19905
26091	2.60513	1.06258	1.06258	1.1881
26092	2.47289	1.01108	1.01108	1.103
26093	2.59061	0.95282	0.95282	1.00086
26094	2.60014	0.92003	0.92003	1.01856
26095	2.45194	0.94103	0.94103	1.06606
26096	2.40419	0.92341	0.92341	0.94771
26097	2.40717	0.89824	0.89824	0.93314
26098	2.40899	0.81176	0.81176	0.80326
26099	2.55482	1.1511	1.1511	1.24653
26100	2.62809	1.24534	1.24534	1.21175
26101	2.26746	0.89521	0.89521	0.89582
26102	2.59224	1.20012	1.20012	1.26023
26103	2.59226	0.98521	0.98521	1.04173
26104	2.55781	0.87837	0.87837	0.93563
26105	2.55301	0.82247	0.82247	0.84354
26106	2.54678	0.83209	0.83209	0.82457
26107	2.48382	0	0	0
26108	2.70492	1.13381	1.13381	1.16862
26109	2.73867	1.0131	1.0131	1.06913
26110	2.73745	1.00585	1.00585	1.06949
26111	2.37316	0.94063	0.94063	1.01164
26112	2.36891	0.89388	0.89388	1.0036
26113	2.50968	0.83081	0.83081	0.82095
26114	2.52148	0.70527	0.70527	0.88584
26115	2.51652	0.87387	0.87387	0.96662
26116	2.45056	0.81483	0.81483	0.8255

26117	2.44903	0.86901	0.86901	0.91208
26118	2.63849	0.26342	0.26342	0.38205
26119	2.34647	1.05332	1.05332	1.12088
26120	2.33266	1.05663	1.05663	1.07523
26121	2.35313	1.06277	1.06277	1.09639
26122	2.39617	0	0	0
26123	2.66718	1.06383	1.06383	1.10694
26124	2.66508	1.21799	1.21799	1.25969
26125	2.66886	1.2178	1.2178	1.26709
26126	2.65149	1.1474	1.1474	1.1026
26127	2.65296	1.14568	1.14568	1.10171
26128	2.44622	0.87201	0.87201	0.88938
26129	2.45726	0	0	0
26130	2.43295	0.87318	0.87318	0.90749
26131	2.54605	0	0	0
26132	2.69986	1.02362	1.02362	1.18759
26133	2.74157	0.7813	0.7813	1.15983
26134	2.35131	0.92043	0.92043	0.94511
26135	2.69322	1.03392	1.03392	1.1415
26136	2.73075	0.98759	0.98759	1.07503
26137	2.7641	0	0	0.26994
26138	2.60669	0	0	0
26139	2.66375	1.12594	1.12594	1.21484
26140	2.67538	1.12088	1.12088	1.21714
26141	2.67363	1.11881	1.11881	1.21373
26142	2.75658	1.34253	1.34253	1.31285
26143	2.74794	1.17246	1.17246	1.30017
26144	2.74151	1.22415	1.22415	1.24294
26145	2.66522	0.91461	0.91461	1.0683
26146	2.57375	1.03166	1.03166	1.15825
26147	2.59047	1.06708	1.06708	1.14537
26148	2.3929	0	0	0
26149	2.5285	0.80446	0.80446	0.84163
26150	2.6462	1.154	1.154	1.26108
26151	2.46636	0.81497	0.81497	0.81251
26152	2.51996	0.95202	0.95202	1.09801
26153	2.50274	0.97594	0.97594	1.06216
26154	2.57588	0	0	0
26155	2.2877	0.78568	0.78568	1.12873
26156	2.40052	0.96395	0.96395	1.01983
26157	2.30915	0.88642	0.88642	0.92727

26158	2.48251	0.94336	0.94336	1.03675
26159	2.48085	0.92891	0.92891	1.02238
26160	2.62315	0.81032	0.81032	0.82941
26161	2.69582	0.97898	0.97898	1.0121
26162	2.69392	1.02657	1.02657	1.07707
26163	2.58635	0.81292	0.81292	0.83434
26164	2.59027	0	0	0
26165	2.35579	0.97643	0.97643	1.00017
26166	2.30671	0	0	0
26167	2.45378	0	0	0
26168	2.63736	0	0	0
26169	2.43887	0.88276	0.88276	1.13289
26170	2.46177	1.20417	1.20417	1.21864
26171	2.46524	1.19481	1.19481	1.20212
26172	2.46535	1.18554	1.18554	1.16493
26173	2.37653	0.86131	0.86131	0.74849
26174	2.62364	0.82773	0.82773	0.83776
26175	2.63831	0.55069	0.55069	0.73189
26176	2.60782	0.96733	0.96733	1.05074
26177	2.6057	0.92026	0.92026	0.98832
26178	2.6031	0.82579	0.82579	0.84675
26179	2.52873	1.02222	1.02222	1.05345
26180	2.77981	0.8743	0.8743	0.91681
26181	2.78091	0.90969	0.90969	1.00424
26182	2.78135	0.9491	0.9491	1.05258
26183	2.77994	0.96267	0.96267	1.06096
26184	2.30339	0	0	0
26185	2.34901	0.57808	0.57808	0.89847
26186	2.6443	1.06997	1.06997	1.12972
26187	2.64854	0.95325	0.95325	0.98525
26188	2.76823	1.21154	1.21154	1.24285
26189	2.66528	0.82637	0.82637	0.85165
26190	2.30376	0.85712	0.85712	0.86402
26191	2.70736	1.15854	1.15854	1.10699
26192	2.70895	1.20051	1.20051	1.12856
26193	2.70845	0.87886	0.87886	0.9951
26194	2.58625	0.65168	0.65168	0.90133
26195	2.75729	0.86964	0.86964	0.98946
26196	2.53932	1.00884	1.00884	1.10461
26197	2.54734	0.99377	0.99377	1.08482
26198	2.55582	0.96349	0.96349	1.04483

26199	2.37141	0.97683	0.97683	1.03945
26200	2.36952	0.98586	0.98586	1.04839
26201	2.52153	0.97757	0.97757	1.12581
26202	2.64594	0.86954	0.86954	1.12904
26203	2.65336	0.92838	0.92838	1.16755
26204	2.76142	0.67985	0.67985	0.89407
26205	2.80553	1.06526	1.06526	1.16867
26206	2.79735	1.0459	1.0459	1.14104
26207	2.78714	1.02135	1.02135	1.10914
26208	2.77401	0.93506	0.93506	1.00163
26209	2.19414	0.76999	0.76999	0.72291
26210	2.58553	0.65744	0.65744	0.86117
26211	2.59415	0.7991	0.7991	0.95747
26212	2.42387	0.87083	0.87083	0.91747
26213	2.42221	0.93472	0.93472	1.00979
26214	2.42214	0.95377	0.95377	1.03231
26215	2.40177	0	0	0
26216	2.53573	0.88066	0.88066	1.07941
26217	2.9415	0.21375	0.21375	0.30133
26218	2.86922	0.68541	0.68541	0.82323
26219	2.45235	0.80731	0.80731	0.80512
26220	2.42852	0.19884	0.19884	0.36208
26221	2.34077	0	0	0
26222	2.33616	0	0	0
26223	2.29608	0.84542	0.84542	0.84128
26224	2.38569	0.74212	0.74212	0.90378
26225	2.49728	0.959	0.959	0.97966
26226	2.57408	1.0016	1.0016	1.11068
26227	2.57413	0.99911	0.99911	1.11461
26228	2.55201	0.40085	0.40085	0.52161
26229	2.48727	0.82249	0.82249	0.82836
26230	2.44001	0.82967	0.82967	0.82379
26231	2.32529	0	0	0
26232	2.54923	0.93494	0.93494	0.97699
26233	2.55779	0.85664	0.85664	0.87406
26234	2.64119	0.86562	0.86562	0.95714
26235	2.44481	0.87642	0.87642	0.89659
26236	2.58001	1.09849	1.09849	1.21515
26237	2.51864	1.01285	1.01285	1.08408
26238	2.52229	0.97151	0.97151	1.02585
26239	2.52319	0.89855	0.89855	0.99153

26240	2.72097	0.86422	0.86422	0.91641
26241	2.72706	1.03056	1.03056	1.18639
26242	2.81623	0.45211	0.45211	0.63924
26243	2.54946	1.01379	1.01379	1.07784
26244	2.54901	0.31763	0.31763	0.47189
26245	2.54312	0.99064	0.99064	1.04688
26246	2.29803	0.96305	0.96305	0.97274
26247	2.67173	0.83596	0.83596	1.11118
26248	2.66939	0.93672	0.93672	1.19132
26249	2.38886	0	0	0
26250	2.68835	1.10296	1.10296	1.16242
26251	2.64452	0.98099	0.98099	0.99597
26252	2.50729	0.82851	0.82851	0.85326
26253	2.5178	0.10973	0.10973	0.14375
26254	2.68627	1.00226	1.00226	1.08735
26255	2.42106	0.74141	0.74141	0.72468
26256	2.71533	1.08837	1.08837	1.10425
26257	2.50558	0.55109	0.55109	0.72634
26258	2.4053	0	0	0
26259	2.26763	0.91031	0.91031	0.93789
26260	2.73046	1.12934	1.12934	1.03702
26261	2.46334	0.89755	0.89755	1.11518
26262	2.54125	0.77244	0.77244	0.97529
26263	2.50482	0.96766	0.96766	1.13154
26264	2.5063	1.01707	1.01707	1.16166
26265	2.40223	0.93483	0.93483	1.01297
26266	2.59643	0.97538	0.97538	1.0607
26267	2.59359	1.05191	1.05191	1.17834
26268	2.48809	0.31996	0.31996	0.4726
26269	2.51512	0.82044	0.82044	0.81979
26270	2.51114	0.80403	0.80403	1.11143
26271	2.51672	0.84409	0.84409	1.10737
26272	2.47046	0.87265	0.87265	1.02092
26273	2.56797	1.00925	1.00925	1.10656
26274	2.46827	0.19225	0.19225	0.33984
26275	2.4694	0.41321	0.41321	0.69755
26276	2.70698	1.09597	1.09597	1.05932
26277	2.5325	1.07625	1.07625	1.17024
26278	2.54854	0.94993	0.94993	0.9791
26279	2.46079	0	0	0
26280	2.34443	0	0	0

26281	2.70717	0.63136	0.63136	0.8542
26282	2.72436	0.95123	0.95123	1.05859
26283	2.71384	0.91482	0.91482	1.0239
26284	2.68462	0.77264	0.77264	0.85158
26285	2.68495	0.17614	0.17614	0.2166
26286	2.58515	0.72848	0.72848	0.99602
26287	2.54624	1.03823	1.03823	1.09711
26288	2.55997	0.85113	0.85113	1.01946
26289	2.55856	0.95575	0.95575	1.06577
26290	2.55511	0.78913	0.78913	1.04997
26291	2.56202	1.00591	1.00591	1.10531
26292	2.52454	0.95005	0.95005	0.90827
26293	2.38932	0.98028	0.98028	1.15099
26294	2.41662	0.23534	0.23534	0.3145
26295	2.41467	0.74834	0.74834	0.72362
26296	2.41308	0.80297	0.80297	0.80195
26297	2.54968	0.87053	0.87053	0.93788
26298	2.4428	0.8749	0.8749	0.91864
26299	2.36471	0	0	0
26300	2.3855	0.32456	0.32456	0.4785
26301	2.42595	0.43786	0.43786	0.65661
26302	2.78721	0	0	0
26303	2.66028	0.83997	0.83997	0.85761
26304	2.65745	0.93023	0.93023	0.9936
26305	2.53103	0.55835	0.55835	0.86589
26306	2.52822	0.95668	0.95668	1.06384
26307	2.59878	0	0	0
26308	2.44232	0.37664	0.37664	0.64875
26309	2.70024	1.13032	1.13032	1.28079
26310	2.71228	1.12476	1.12476	1.26562
26311	2.71315	1.12278	1.12278	1.26599
26312	2.44291	0	0	0
26313	2.47867	0.90544	0.90544	1.00853
26314	2.49723	0.87149	0.87149	0.97106
26315	2.65262	0.96125	0.96125	1.06472
26316	2.51785	0.90764	0.90764	0.99584
26317	2.44284	1.08418	1.08418	1.16576
26318	2.69962	0.70518	0.70518	0.75696
26319	2.71023	0.8245	0.8245	0.89292
26320	2.73185	0.83442	0.83442	0.86522
26321	2.5658	0.98151	0.98151	1.04312

26322	2.43635	0.8095	0.8095	0.81306
26323	2.42951	0.24668	0.24668	0.35634
26324	2.62622	0	0	0
26325	2.46173	0.75288	0.75288	0.78562
26326	2.90996	1.16555	1.16555	1.18835
26327	2.92015	1.18175	1.18175	1.34077
26328	2.90939	1.18051	1.18051	1.34905
26329	2.53234	0.9705	0.9705	1.02533
26330	2.53237	1.09127	1.09127	1.18622
26331	2.54084	1.09268	1.09268	1.18199
26332	2.53932	0.84801	0.84801	1.11449
26333	2.54111	0.9135	0.9135	0.93683
26334	2.54684	0.96052	0.96052	1.03847
26335	2.54928	1.08391	1.08391	1.23541
26336	2.53987	1.08602	1.08602	1.21848
26337	2.45494	0.81345	0.81345	0.81549
26338	2.50256	0.4138	0.4138	0.59201
26339	2.57871	1.0314	1.0314	1.12022
26340	2.49979	0.86235	0.86235	0.89352
26341	2.60805	0	0	0
26342	2.54485	0.41692	0.41692	0.6707
26343	2.74088	0	0	0
26344	2.73064	1.24884	1.24884	1.12314
26345	2.75166	1.25818	1.25818	1.25614
26346	2.75921	1.25015	1.25015	1.24653
26347	2.77104	1.24716	1.24716	1.23957
26348	2.6389	0.47602	0.47602	0.63444
26349	2.73275	1.32043	1.32043	1.36174
26350	2.72616	1.32044	1.32044	1.36472
26351	2.71971	1.30959	1.30959	1.33281
26352	2.50526	1.03276	1.03276	1.08012
26353	2.67043	0.9431	0.9431	1.04262
26354	2.46882	0	0	0
26355	2.49356	0.67783	0.67783	0.86689
26356	2.75619	1.29594	1.29594	1.30507
26357	2.68641	0.98255	0.98255	1.14006
26358	2.44648	0.81961	0.81961	0.8148
26359	2.54017	0	0	0
26360	2.60879	0.95889	0.95889	1.09765
26361	2.55383	0	0	0
26362	2.52399	0.36224	0.36224	0.53716

26363	2.6006	0.98988	0.98988	1.02451
26364	2.59792	1.04493	1.04493	1.10858
26365	2.59689	1.04866	1.04866	1.10449
26366	2.47408	0.28159	0.28159	0.54385
26367	2.52914	0.81371	0.81371	0.83589
26368	2.60984	0.92974	0.92974	1.12099
26369	2.70022	0	0	0
26370	2.59265	1.00723	1.00723	1.12605
26371	2.43456	0.92493	0.92493	0.95659
26372	2.42612	0.822	0.822	0.80662
26373	2.58265	0.82207	0.82207	0.82574
26374	2.59034	0	0	0
26375	2.8464	1.01554	1.01554	1.01671
26376	2.87302	1.28334	1.28334	0.92634
26377	2.83756	1.28283	1.28283	0.89172
26378	2.89821	1.34686	1.34686	0.97851
26379	2.91702	1.31769	1.31769	0.91089
26380	2.73618	0.39268	0.39268	0.5874
26381	2.79306	1.30142	1.30142	1.29426
26382	2.77697	0.9114	0.9114	1.14499
26383	2.60195	0	0	0
26384	2.81532	1.09284	1.09284	1.24439
26385	2.85174	1.09942	1.09942	1.24836
26386	2.78281	1.32162	1.32162	1.07883
26387	2.79581	1.32812	1.32812	1.08891
26388	2.68279	1.34826	1.34826	1.02875
26389	2.67797	1.35004	1.35004	0.93942
26390	2.30814	0.10701	0.10701	0.15722
26391	2.33627	0	0	0
26392	2.37167	1.1235	1.1235	1.10951
26393	2.40444	0	0	0
26394	2.67384	0.82564	0.82564	0.87558
26395	2.38205	0.81597	0.81597	0.80623
26396	2.41479	0.0866	0.0866	0.14681
26397	2.37434	0.93318	0.93318	1.01088
26398	2.68745	1.00399	1.00399	1.07515
26399	2.69118	0.98142	0.98142	1.04897
26400	2.69687	0.8789	0.8789	0.93187
26401	2.69703	0.85516	0.85516	0.88979
26402	2.49254	0.93925	0.93925	0.99802
26403	2.59832	0	0	0

26404	2.31974	0.80727	0.80727	0.78443
26405	2.56964	0	0	0
26406	2.59445	0	0	0
26407	2.51567	0.79788	0.79788	0.78667
26408	2.5177	0.54278	0.54278	0.82822
26409	2.51953	0.96309	0.96309	1.03776
26410	2.52061	0.90793	0.90793	0.95375
26411	2.77779	1.4381	1.4381	1.04396
26412	2.77903	1.43004	1.43004	1.01363
26413	2.76873	1.18499	1.18499	0.89093
26414	2.79942	0.82742	0.82742	0.70982
26415	2.79671	1.35134	1.35134	1.06292
26416	2.81476	1.35674	1.35674	1.17206
26417	2.53339	0.96842	0.96842	1.09956
26418	2.48558	0.52863	0.52863	0.83111
26419	2.60712	0.83767	0.83767	1.26633
26420	2.60574	0.80875	0.80875	1.2824
26421	2.56385	0.60565	0.60565	0.86951
26422	2.42634	0.97535	0.97535	1.11895
26423	2.62252	1.00789	1.00789	1.17989
26424	2.60211	0	0	0
26425	2.62338	1.08066	1.08066	1.16976
26426	2.69719	1.16961	1.16961	1.29959
26427	2.6994	1.15859	1.15859	1.29426
26428	2.69999	1.16683	1.16683	1.30188
26429	2.66572	1.09751	1.09751	1.18376
26430	2.39164	0	0	0
26431	2.55208	0	0	0
26432	2.40279	0.74899	0.74899	0.70811
26433	2.40538	0.31062	0.31062	0.47552
26434	2.46482	0	0	0
26435	2.45131	0.92254	0.92254	0.95473
26436	2.65117	0.81271	0.81271	0.73047
26437	2.65801	0.17779	0.17779	0.24739
26438	2.41555	0.93134	0.93134	0.96651
26439	2.41712	0.91391	0.91391	0.94576
26440	2.53752	1.11126	1.11126	1.14307
26441	2.53674	1.1221	1.1221	1.16471
26442	2.56562	1.13659	1.13659	1.20754
26443	2.57397	0.40892	0.40892	0.64792
26444	2.74496	0.44182	0.44182	0.64393

26445	2.75029	0.38594	0.38594	0.58314
26446	2.5327	0.88269	0.88269	0.91185
26447	2.53518	0.82677	0.82677	0.82809
26448	2.35861	0	0	0
26449	2.3911	0.62727	0.62727	0.93723
26450	2.2581	0.8619	0.8619	0.83814
26451	2.60553	0.88732	0.88732	0.93162
26452	2.44244	0.88017	0.88017	0.90603
26453	2.44429	0.75288	0.75288	0.72853
26454	2.76094	0.93326	0.93326	1.13965
26455	2.74646	0.94511	0.94511	1.1572
26456	2.55363	0	0	0
26457	2.81278	1.23066	1.23066	1.21136
26458	2.74588	1.13762	1.13762	1.27012
26459	2.72604	1.05383	1.05383	1.12708
26460	2.68893	0.88356	0.88356	0.91084
26461	2.62967	1.04553	1.04553	1.12651
26462	2.63464	1.0416	1.0416	1.14147
26463	2.63723	1.02661	1.02661	1.11265
26464	2.36787	0.82982	0.82982	0.78239
26465	2.69538	1.1337	1.1337	1.17982
26466	2.68259	1.10589	1.10589	1.14083
26467	2.54662	0.75353	0.75353	0.79581
26468	2.71098	0.95566	0.95566	1.02908
26469	2.71643	0.93804	0.93804	1.00398
26470	2.28113	0.92914	0.92914	0.96112
26471	2.39534	0.91206	0.91206	1.00467
26472	2.39669	0.75809	0.75809	0.94511
26473	2.39874	0.53556	0.53556	0.78183
26474	2.52585	0.74981	0.74981	0.75622
26475	2.52666	0.67235	0.67235	0.87297
26476	2.40946	0.9322	0.9322	0.99291
26477	2.35442	0.78176	0.78176	0.96744
26478	2.61597	0.62307	0.62307	0.96455
26479	2.57763	0.94809	0.94809	1.03758
26480	2.58118	0.83024	0.83024	0.88497
26481	2.8198	1.23365	1.23365	1.09103
26482	2.82375	1.30255	1.30255	1.31981
26483	2.82376	1.29654	1.29654	1.31187
26484	2.30246	0.87381	0.87381	0.8818
26485	2.39586	0.80913	0.80913	0.79954

26486	2.62584	0.84199	0.84199	0.95866
26487	2.61968	0.83971	0.83971	0.96399
26488	2.6094	0.29558	0.29558	0.36346
26489	2.50804	0	0	0
26490	2.44551	0.80163	0.80163	1.01327
26491	2.50214	0.90116	0.90116	0.95969
26492	2.35427	0	0	0
26493	2.49631	0.96859	0.96859	1.01145
26494	2.60248	0.9422	0.9422	1.03428
26495	2.60096	0.87039	0.87039	0.93154
26496	2.59857	0	0	0
26497	2.50574	0.76464	0.76464	0.73202
26498	2.50421	0.62465	0.62465	0.8451
26499	2.65165	0.86387	0.86387	0.96789
26500	2.65719	0.7498	0.7498	0.8751
26501	2.5051	0.90233	0.90233	0.9445
26502	2.30253	0.96645	0.96645	1.02223
26503	2.40009	0	0	0
26504	2.55879	0.9745	0.9745	1.08784
26505	2.62188	0.81629	0.81629	0.8248
26506	2.61733	0.94465	0.94465	1.00496
26507	2.62749	0.96465	0.96465	1.04256
26508	2.63047	0.6581	0.6581	0.95557
26509	2.62799	0.80394	0.80394	0.8101
26510	2.55941	0.9871	0.9871	1.04282
26511	2.83397	1.22553	1.22553	1.36853
26512	2.81135	0.90449	0.90449	1.03775
26513	2.62241	0.24223	0.24223	0.43108
26514	2.37309	0.98888	0.98888	1.02402
26515	2.87978	0.9723	0.9723	1.24105
26516	2.86615	0.98007	0.98007	1.23214
26517	2.8551	0.88028	0.88028	0.86196
26518	2.66547	0.76899	0.76899	0.98874
26519	2.62395	0	0	0
26520	2.56026	0.16482	0.16482	0.21309
26521	2.2977	0	0	0
26522	2.44886	0.4762	0.4762	0.59798
26523	2.69719	0.20564	0.20564	0.31214
26524	2.49149	0.89814	0.89814	0.94976
26525	2.49073	0.953	0.953	1.02709
26526	2.64666	0.80924	0.80924	0.85583

26527	2.51408	0.92613	0.92613	0.97789
26528	2.4817	0.96873	0.96873	1.03246
26529	2.37597	0	0	0
26530	2.59025	0.71345	0.71345	0.66721
26531	2.59949	0.87166	0.87166	0.88266
26532	2.60236	0.88292	0.88292	0.90519
26533	2.60493	0.82763	0.82763	0.83686
26534	2.56079	0.62489	0.62489	0.68778
26535	2.31751	0	0	0
26536	2.6987	1.01333	1.01333	1.05175
26537	2.47884	0.9903	0.9903	1.0833
26538	2.56382	0.87723	0.87723	0.9242
26539	2.45827	0.99258	0.99258	1.11292
26540	2.4602	0.98237	0.98237	1.10157
26541	2.55619	0.83978	0.83978	0.84666
26542	2.43845	1.07867	1.07867	1.22193
26543	2.44	1.06035	1.06035	1.2037
26544	2.53331	0	0	0
26545	2.68639	1.03528	1.03528	1.22247
26546	2.6838	0.99757	0.99757	1.19787
26547	2.85451	1.12651	1.12651	1.35644
26548	2.85682	1.24249	1.24249	1.36433
26549	2.85615	1.24718	1.24718	1.36276
26550	2.86053	1.24878	1.24878	1.35947
26551	2.73601	1.1406	1.1406	1.27708
26552	2.76562	1.13678	1.13678	1.30183
26553	2.80187	1.12355	1.12355	1.32352
26554	2.82991	1.10985	1.10985	1.32979
26555	2.86415	1.0988	1.0988	1.33985
26556	2.41475	0	0	0
26557	2.42059	0.74294	0.74294	0.81064
26558	2.62619	0.87676	0.87676	1.04775
26559	2.62687	0.89026	0.89026	1.05413
26560	2.58246	0.54208	0.54208	0.83845
26561	2.64696	0.84314	0.84314	0.97631
26562	2.46645	1.01088	1.01088	0.97387
26563	2.62738	1.03842	1.03842	1.27125
26564	2.38604	0.98697	0.98697	0.98222
26565	2.47848	0.49992	0.49992	0.69072
26566	2.53329	1.04689	1.04689	1.12264
26567	2.53211	0.899	0.899	0.929

26568	2.74432	0.94148	0.94148	1.03518
26569	2.46949	0.9814	0.9814	1.05257
26570	2.47141	0.87969	0.87969	0.91099
26571	2.4721	0.73847	0.73847	0.70472
26572	2.56934	1.00445	1.00445	1.10207
26573	2.57113	0.95975	0.95975	1.0357
26574	2.42812	0.93038	0.93038	0.99321
26575	2.4363	0.75532	0.75532	0.92102
26576	2.69548	0.94548	0.94548	1.02438
26577	2.6893	1.03068	1.03068	1.11413
26578	2.68649	1.03749	1.03749	1.12198
26579	2.57758	0.93649	0.93649	1.01016
26580	2.57537	0.95962	0.95962	1.02961
26581	2.32632	0.97452	0.97452	1.0751
26582	2.60265	1.12012	1.12012	1.25176
26583	2.60345	1.13101	1.13101	1.26216
26584	2.42843	0.74901	0.74901	0.73009
26585	2.6597	0.87388	0.87388	0.92466
26586	2.40583	0.94168	0.94168	0.97445
26587	2.55655	0.9097	0.9097	0.95464
26588	2.55538	0.93234	0.93234	0.9855
26589	2.57654	0.93951	0.93951	0.98083
26590	2.66907	0.85686	0.85686	1.12673
26591	2.67521	0.89599	0.89599	1.11792
26592	2.67663	0	0	0
26593	2.68404	0.92399	0.92399	0.98157
26594	2.4945	1.09058	1.09058	1.11189
26595	2.49887	1.08381	1.08381	1.09456
26596	2.3713	0	0	0
26597	2.70641	0.84003	0.84003	0.83516
26598	2.3431	1.02055	1.02055	1.12033
26599	2.61311	0.87854	0.87854	0.92983
26600	2.47132	0	0	0
26601	2.41506	0	0	0
26602	2.74336	1.06319	1.06319	1.27207
26603	2.76661	1.06951	1.06951	1.30356
26604	2.76692	1.06421	1.06421	1.30476
26605	2.76753	1.06197	1.06197	1.30581
26606	2.74082	0.9519	0.9519	1.14242
26607	2.71874	0.82364	0.82364	0.84249
26608	2.71436	1.00981	1.00981	1.14317

26609	2.67224	0.76689	0.76689	0.76986
26610	2.55961	1.01699	1.01699	1.11845
26611	2.64313	0.8435	0.8435	0.83783
26612	2.64429	0.89945	0.89945	0.9115
26613	2.47975	0.81421	0.81421	0.81983
26614	2.58152	0.95451	0.95451	1.08069
26615	2.72913	0.87777	0.87777	0.87376
26616	2.53718	0.98613	0.98613	1.06881
26617	2.57646	0.75359	0.75359	1.08899
26618	2.3372	0	0	0
26619	2.47556	0	0	0
26620	2.55692	0.91261	0.91261	0.96708
26621	2.45972	0.75469	0.75469	0.73674
26622	2.45944	0.80943	0.80943	0.81055
26623	2.56615	0.83879	0.83879	0.8761
26624	2.71899	1.30782	1.30782	1.20891
26625	2.72933	1.30725	1.30725	1.20936
26626	2.48343	0.81843	0.81843	0.81892
26627	2.70216	1.33843	1.33843	1.05619
26628	2.64366	1.12012	1.12012	1.14039
26629	2.63995	1.03012	1.03012	1.04889
26630	2.53268	0.87765	0.87765	1.04686
26631	2.39443	1.05331	1.05331	1.05366
26632	2.52355	0.94014	0.94014	1.0269
26633	2.54292	0.92271	0.92271	1.02912
26634	2.65147	0.82449	0.82449	0.87076
26635	2.34884	0	0	0
26636	2.31516	0.90195	0.90195	0.92234
26637	2.41702	0.75325	0.75325	0.77384
26638	2.4156	0.80684	0.80684	0.82459
26639	2.57018	0.96195	0.96195	1.04094
26640	2.62358	0.81454	0.81454	0.85428
26641	2.6231	0.92316	0.92316	1.01753
26642	2.47184	0.95917	0.95917	1.04392
26643	2.67357	1.02002	1.02002	1.22386
26644	2.6009	0.9886	0.9886	1.1899
26645	2.5535	0	0	0
26646	2.50139	0.61163	0.61163	0.77319
26647	2.46521	0.80767	0.80767	0.82425
26648	2.54897	0.82017	0.82017	0.84087
26649	2.54928	0.99658	0.99658	1.0986

26650	2.52352	0.89643	0.89643	0.95906
26651	2.27986	0	0	0
26652	2.69238	1.09045	1.09045	1.20776
26653	2.68926	0.6905	0.6905	0.85304
26654	2.6845	0.8332	0.8332	0.8976
26655	2.66098	0.78175	0.78175	0.83731
26656	2.32361	0.58338	0.58338	1.00597
26657	2.49721	0.98198	0.98198	1.06202
26658	2.49891	0.95941	0.95941	1.02965
26659	2.5247	0.84814	0.84814	1.13698
26660	2.60822	0.82939	0.82939	1.19926
26661	2.54281	1.04671	1.04671	1.15813
26662	2.50611	0.82209	0.82209	0.82803
26663	2.55637	1.04025	1.04025	1.11606
26664	2.5564	1.02265	1.02265	1.09688
26665	2.50126	0.81395	0.81395	0.83872
26666	2.66779	0.98273	0.98273	1.03762
26667	2.68869	1.02585	1.02585	1.08501
26668	2.68795	1.05498	1.05498	1.11404
26669	2.70661	0.84354	0.84354	0.97571
26670	2.65094	0.60026	0.60026	0.83589
26671	2.30043	0.98827	0.98827	1.01741
26672	2.74348	0	0	0
26673	2.56792	0	0	0
26674	2.73604	0.876	0.876	0.94247
26675	2.58889	0.62119	0.62119	0.83032
26676	2.59242	0.5811	0.5811	0.77897
26677	2.50931	0.81284	0.81284	0.81172
26678	2.50851	0.51401	0.51401	0.72633
26679	2.33265	0.79843	0.79843	0.8289
26680	2.50757	0.40778	0.40778	0.44013
26681	2.5068	0.82954	0.82954	0.82434
26682	2.43598	0.97002	0.97002	1.05862
26683	2.53	0.50661	0.50661	0.70269
26684	2.64023	1.15142	1.15142	1.16499
26685	2.44731	0.8218	0.8218	0.81397
26686	2.6321	1.06293	1.06293	1.18812
26687	2.63366	1.04178	1.04178	1.14697
26688	2.63214	1.01397	1.01397	1.10923
26689	2.63417	0.94015	0.94015	1.00038
26690	2.68883	0.83801	0.83801	1.05807

26691	2.72011	1.37021	1.37021	1.19027
26692	2.77443	1.36696	1.36696	1.28805
26693	2.76304	1.35779	1.35779	1.29239
26694	2.76497	1.35781	1.35781	1.29506
26695	2.77739	1.35221	1.35221	1.2772
26696	2.54307	0.93723	0.93723	0.97597
26697	2.66216	0.08746	0.08746	0.15102
26698	2.67327	1.10497	1.10497	1.28823
26699	2.65441	1.11388	1.11388	1.29402
26700	2.45644	0	0	0
26701	2.59195	0.88655	0.88655	0.92341
26702	2.51646	0.87697	0.87697	0.90913
26703	2.61969	1.04348	1.04348	1.20973
26704	2.42301	1.0617	1.0617	1.22082
26705	2.87877	0.76466	0.76466	0.8329
26706	2.86527	1.06841	1.06841	1.19353
26707	2.86512	0.96217	0.96217	1.04725
26708	2.86487	0.90465	0.90465	0.9637
26709	2.78349	0.98506	0.98506	1.09808
26710	2.72353	0.35519	0.35519	0.47785
26711	2.64109	1.21621	1.21621	1.29616
26712	2.64196	1.21906	1.21906	1.30216
26713	2.68344	0	0	0
26714	2.44436	0.95155	0.95155	0.97439
26715	2.43458	0.89355	0.89355	0.89716
26716	2.37774	0.88194	0.88194	0.93458
26717	2.61312	0.96538	0.96538	1.0756
26718	2.53043	0.98368	0.98368	1.03829
26719	2.48411	0	0	0
26720	2.31063	0.26633	0.26633	0.54373
26721	2.41841	1.12734	1.12734	1.22572
26722	2.56344	0	0	0
26723	2.53505	0.96319	0.96319	1.00623
26724	2.65328	1.02422	1.02422	1.21736
26725	2.30801	0.8047	0.8047	0.77331
26726	2.57769	1.06529	1.06529	1.17958
26727	2.58058	0.861	0.861	0.86915
26728	2.61918	0.73126	0.73126	0.68236
26729	2.35037	0.79031	0.79031	0.79181
26730	2.54312	0.76	0.76	0.78123
26731	2.62214	0.84014	0.84014	0.83242

26732	2.57076	0	0	0
26733	2.75938	0.97787	0.97787	1.08163
26734	2.76423	0.97997	0.97997	1.09055
26735	2.38738	0.23867	0.23867	0.32337
26736	2.30485	0.80053	0.80053	0.78089
26737	2.72538	0.93532	0.93532	1.04566
26738	2.72469	0.97077	0.97077	1.00807
26739	2.72518	0.98932	0.98932	1.00591
26740	2.86724	0.79764	0.79764	0.73613
26741	2.49404	0.82717	0.82717	0.82049
26742	2.62992	0.90904	0.90904	1.03767
26743	2.6015	1.01715	1.01715	1.10376
26744	2.60057	1.04458	1.04458	1.09692
26745	2.61506	1.03994	1.03994	1.14203
26746	2.365	0.81644	0.81644	0.79955
26747	2.38098	0.18032	0.18032	0.28335
26748	2.39226	0.8153	0.8153	0.79255
26749	2.58496	0.92935	0.92935	1.018
26750	2.54685	0.83072	0.83072	0.8331
26751	2.54831	0.91977	0.91977	0.96345
26752	2.45702	0.87772	0.87772	0.89902
26753	2.41313	0.9249	0.9249	0.92705
26754	2.6871	0.81737	0.81737	0.95815
26755	2.70962	0.81024	0.81024	0.99831
26756	2.48231	0.82382	0.82382	0.82497
26757	2.59823	1.0622	1.0622	1.13884
26758	2.56697	1.06805	1.06805	1.15308
26759	2.48885	0.92135	0.92135	0.96369
26760	2.48947	0.89381	0.89381	0.92508
26761	2.63064	0.96433	0.96433	0.98382
26762	2.41044	0.99207	0.99207	1.06202
26763	2.4119	1.00649	1.00649	1.08044
26764	2.62977	0.92291	0.92291	0.98211
26765	2.62909	0	0	0
26766	2.60642	0.81248	0.81248	0.84637
26767	2.38536	0.25968	0.25968	0.39892
26768	2.37908	0.94703	0.94703	1.031
26769	2.83769	0.83816	0.83816	0.93582
26770	2.84615	0.87846	0.87846	1.00637
26771	2.56926	0.92516	0.92516	0.99956
26772	2.44688	0.86895	0.86895	0.81302

26773	2.36563	0	0	0
26774	2.5854	0.69993	0.69993	0.82391
26775	2.58151	0.9531	0.9531	1.12438
26776	2.45481	0.91422	0.91422	0.99599
26777	2.59075	0.82324	0.82324	0.81859
26778	2.59142	0.334	0.334	0.41966
26779	2.49206	0.79239	0.79239	0.91991
26780	2.49357	0.74302	0.74302	0.96952
26781	2.38971	0	0	0
26782	2.53176	0.41727	0.41727	0.59597
26783	2.58669	0.73317	0.73317	0.81887
26784	2.58582	0.79766	0.79766	0.8134
26785	2.48981	0.91185	0.91185	0.93506
26786	2.43284	0.82142	0.82142	0.81371
26787	2.95583	1.04912	1.04912	1.2952
26788	2.86012	1.04282	1.04282	1.26831
26789	2.48969	0.60717	0.60717	0.83985
26790	2.61499	1.05687	1.05687	1.17147
26791	2.61512	1.06297	1.06297	1.17493
26792	2.57342	1.03264	1.03264	1.17637
26793	2.4402	0.86438	0.86438	0.89696
26794	2.50317	0.94512	0.94512	1.01154
26795	2.49818	0.95949	0.95949	1.03089
26796	2.61385	0.35384	0.35384	0.53638
26797	2.53373	0.98249	0.98249	1.19808
26798	2.44175	1.02613	1.02613	1.06036
26799	2.6092	0.8801	0.8801	0.92394
26800	2.57127	0.88993	0.88993	0.89893
26801	2.57439	0.83506	0.83506	0.83511
26802	2.23843	0	0	0
26803	2.6938	0.94247	0.94247	1.12551
26804	2.69158	0.83619	0.83619	0.9261
26805	2.60805	1.01477	1.01477	1.13099
26806	2.61066	1.00546	1.00546	1.12134
26807	2.46575	0	0	0
26808	2.54626	1.00792	1.00792	1.21296
26809	2.54367	0.9992	0.9992	1.2054
26810	2.50453	0.89756	0.89756	0.83651
26811	2.69543	0.83247	0.83247	0.62681
26812	2.58873	1.1965	1.1965	1.31833
26813	2.59017	1.19223	1.19223	1.31709

26814	2.59295	1.1116	1.1116	1.18164
26815	2.59182	1.09827	1.09827	1.16939
26816	2.5782	0.89555	0.89555	1.06532
26817	2.64426	0.92866	0.92866	1.07733
26818	2.6274	0.86601	0.86601	0.94633
26819	2.5278	0	0	0
26820	2.44415	0.96439	0.96439	1.01703
26821	2.56044	0	0	0
26822	2.39473	0.82533	0.82533	0.85939
26823	2.3515	0.80783	0.80783	0.79211
26824	2.36412	0.98205	0.98205	1.04799
26825	2.38572	0.9329	0.9329	0.99338
26826	2.39236	0.90927	0.90927	0.96103
26827	2.56352	0	0	0
26828	2.59936	0	0	0
26829	2.57194	1.09662	1.09662	1.15658
26830	2.56749	0.66016	0.66016	0.94188
26831	2.36626	0.80506	0.80506	0.79311
26832	2.60824	1.03564	1.03564	1.17087
26833	2.68304	0.83703	0.83703	0.86136
26834	2.60196	0	0	0
26835	2.58886	0.81056	0.81056	0.83009
26836	2.45313	0	0	0
26837	2.88304	0.87115	0.87115	0.96924
26838	2.88733	0.77325	0.77325	0.76976
26839	2.43603	0.8908	0.8908	0.92885
26840	2.42027	0.59293	0.59293	0.70158
26841	2.62445	0.92505	0.92505	0.97663
26842	2.52944	0.76718	0.76718	0.87195
26843	2.3548	0	0	0
26844	2.48134	0.88318	0.88318	0.90234
26845	2.43068	0.20968	0.20968	0.32075
26846	2.42591	0.73649	0.73649	0.70619
26847	2.52858	0	0	0
26848	2.59359	0.88839	0.88839	0.95196
26849	2.58451	0.92042	0.92042	0.98245
26850	2.57822	0.97661	0.97661	1.0849
26851	2.54147	0.48477	0.48477	0.73753
26852	2.54849	0.158	0.158	0.25361
26853	2.56495	0.85824	0.85824	0.94563
26854	2.35601	0.37786	0.37786	0.51899

26855	2.60552	0.90288	0.90288	0.82329
26856	2.61548	0.89484	0.89484	0.98054
26857	2.50926	1.03904	1.03904	1.13527
26858	2.80217	1.1807	1.1807	1.34617
26859	2.53023	0.94049	0.94049	0.98935
26860	2.53172	0.828	0.828	0.81986
26861	2.56586	0.26192	0.26192	0.28346
26862	2.39619	0.86436	0.86436	0.88714
26863	2.41842	0	0	0
26864	2.38725	0.85667	0.85667	0.9013
26865	2.39019	0.73197	0.73197	0.70817
26866	2.32489	0.45694	0.45694	0.59971
26867	2.67631	1.07229	1.07229	1.32538
26868	2.67254	1.06204	1.06204	1.31754
26869	2.66751	0.98094	0.98094	1.27047
26870	2.74974	0.81613	0.81613	0.94354
26871	2.53866	0.78992	0.78992	0.78913
26872	2.39097	0.65087	0.65087	0.77262
26873	2.57893	0.86656	0.86656	0.92708
26874	2.62273	1.07292	1.07292	1.20692
26875	2.43818	0.79391	0.79391	0.81951
26876	2.53202	0	0	0
26877	2.58059	0.63084	0.63084	1.03659
26878	2.55332	1.01868	1.01868	1.13461
26879	2.48872	0.99832	0.99832	1.01592
26880	2.49087	0.90188	0.90188	0.90032
26881	2.7647	1.24496	1.24496	1.25346
26882	2.767	1.24432	1.24432	1.25706
26883	2.72855	1.24478	1.24478	1.24598
26884	2.71449	1.17268	1.17268	1.27229
26885	2.71536	1.17045	1.17045	1.2733
26886	2.75212	1.16791	1.16791	1.28558
26887	2.75311	1.10043	1.10043	1.17
26888	2.75248	1.06917	1.06917	1.15918
26889	2.75289	1.05871	1.05871	1.15338
26890	2.75017	1.04568	1.04568	1.14652
26891	2.57595	0.4858	0.4858	0.64991
26892	2.45541	0.74171	0.74171	0.67352
26893	2.6884	1.12193	1.12193	1.04529
26894	2.68532	0.95575	0.95575	0.9668
26895	2.50429	0	0	0

26896	2.66036	0.88338	0.88338	0.9018
26897	2.66072	0	0	0
26898	2.60795	0.94071	0.94071	0.98578
26899	2.88566	0.99866	0.99866	1.25856
26900	2.87438	0.98366	0.98366	1.24984
26901	2.87292	1.00764	1.00764	1.25079
26902	2.32769	0.86449	0.86449	0.86466
26903	2.57823	0.90332	0.90332	0.95652
26904	2.65742	1.14517	1.14517	1.17327
26905	2.65311	1.14832	1.14832	1.17653
26906	2.65106	1.15141	1.15141	1.18151
26907	2.20722	0.80329	0.80329	0.7751
26908	2.54569	0.91752	0.91752	0.95317
26909	2.69019	0.16005	0.16005	0.23075
26910	2.69597	0.9708	0.9708	1.04696
26911	2.57351	0.87561	0.87561	0.87114
26912	2.57024	0.9639	0.9639	1.18573
26913	2.56629	0.98702	0.98702	1.19133
26914	2.56238	1.11616	1.11616	1.24424
26915	2.31627	0.99946	0.99946	1.03332
26916	2.33927	0.08579	0.08579	0.13316
26917	2.33357	0.80329	0.80329	0.77413
26918	2.51351	0.90973	0.90973	0.91176
26919	2.51643	0.94952	0.94952	1.00597
26920	2.61163	0	0	0
26921	2.46118	0.91287	0.91287	0.94092
26922	2.6674	0.84624	0.84624	0.91409
26923	2.51723	0.35043	0.35043	0.57713
26924	2.45986	0.86219	0.86219	0.89318
26925	2.52789	0.95324	0.95324	1.01217
26926	2.65198	0	0	0
26927	2.63834	0.59962	0.59962	0.73719
26928	2.48023	0	0	0
26929	2.42666	0.25579	0.25579	0.40757
26930	2.4598	0.99299	0.99299	1.11786
26931	2.46166	0.9703	0.9703	1.07752
26932	2.46141	0.93215	0.93215	1.00382
26933	2.45461	0.78164	0.78164	0.99538
26934	2.47933	1.11929	1.11929	1.17161
26935	2.47569	0.84896	0.84896	0.80993
26936	2.53279	0.80592	0.80592	0.7452

26937	2.46633	0.93347	0.93347	0.94858
26938	2.55944	0	0	0
26939	2.72913	0.8381	0.8381	0.85867
26940	2.62759	1.00789	1.00789	1.21982
26941	2.36506	0	0	0
26942	2.67462	0.82027	0.82027	0.88684
26943	2.66672	0.47258	0.47258	0.74488
26944	2.6441	0	0	0
26945	2.64391	0.89578	0.89578	0.99864
26946	2.46427	0	0	0
26947	2.46484	0	0	0
26948	2.70744	1.02184	1.02184	1.11672
26949	2.7437	1.04516	1.04516	1.15741
26950	2.20793	0.98153	0.98153	1.00545
26951	2.51105	0.94855	0.94855	0.89167
26952	2.51138	0	0	0
26953	2.59161	0.81742	0.81742	0.85221
26954	2.62066	0.75314	0.75314	0.87856
26955	2.8708	0.91055	0.91055	1.0149
26956	2.86871	0.93218	0.93218	1.00591
26957	2.95502	1.25381	1.25381	1.32172
26958	2.8895	0.50078	0.50078	0.75744
26959	2.55702	0.83554	0.83554	0.83022
26960	2.5025	1.16437	1.16437	1.25384
26961	2.478	0.79908	0.79908	0.78474
26962	2.51037	0.82272	0.82272	0.83599
26963	2.58396	0	0	0
26964	2.3062	0	0	0
26965	2.38034	0	0	0
26966	2.57853	0.82088	0.82088	0.85834
26967	2.53427	0.58211	0.58211	0.84831
26968	2.5456	0.8103	0.8103	0.83845
26969	2.3081	0.73472	0.73472	0.87044
26970	2.54105	0	0	0
26971	2.54927	0.37733	0.37733	0.365
26972	2.59884	0	0	0
26973	2.43402	0.98239	0.98239	1.03583
26974	2.38247	0	0	0
26975	2.68123	0.78682	0.78682	0.7372
26976	2.46653	0	0	0
26977	2.62265	0.88425	0.88425	0.91157

26978	2.62204	0.91656	0.91656	0.9543
26979	2.50163	0.74	0.74	0.94776
26980	2.50383	0.76882	0.76882	0.95475
26981	2.42732	0.85282	0.85282	0.93903
26982	2.49229	0.79171	0.79171	0.89874
26983	2.67435	1.09041	1.09041	1.22044
26984	2.6788	1.08501	1.08501	1.22529
26985	2.67063	1.07962	1.07962	1.2229
26986	2.76327	0.90141	0.90141	1.0028
26987	2.77224	0.88835	0.88835	1.00595
26988	2.55807	0.99561	0.99561	1.05428
26989	2.56479	1.01909	1.01909	1.0961
26990	2.59011	1.2196	1.2196	1.20344
26991	2.62529	0	0	0
26992	2.66332	0.80626	0.80626	0.8518
26993	2.63526	0.89298	0.89298	0.90852
26994	2.79299	0.65324	0.65324	0.95785
26995	2.78586	0.64982	0.64982	0.97245
26996	2.41454	0	0	0
26997	2.66056	0.88115	0.88115	0.94479
26998	2.63704	0.82128	0.82128	0.85012
26999	2.55857	0	0	0
27000	2.35767	0.42466	0.42466	0.59748
27001	2.36807	0.83446	0.83446	0.87847
27002	2.50217	0.8981	0.8981	0.94793
27003	2.47285	0.82217	0.82217	0.81137
27004	2.3705	1.05686	1.05686	1.17111
27005	2.35845	0.9926	0.9926	1.05719
27006	2.74323	1.30994	1.30994	1.14663
27007	2.48067	0.80557	0.80557	0.80363
27008	2.50892	0.76151	0.76151	0.71622
27009	2.53127	1.17148	1.17148	1.2359
27010	2.52883	1.17249	1.17249	1.20972
27011	2.51199	0.43732	0.43732	0.6676
27012	2.74943	0.68745	0.68745	0.64119
27013	2.75271	1.07139	1.07139	1.08172
27014	2.7489	1.06284	1.06284	1.06757
27015	2.81463	0.75773	0.75773	0.76956
27016	2.44376	0.96478	0.96478	0.99194
27017	2.74843	0.98185	0.98185	0.99955
27018	2.72999	0.48655	0.48655	0.66069

27019	2.38168	1.00224	1.00224	1.0729
27020	2.38155	0.99472	0.99472	1.06129
27021	2.41644	0.94587	0.94587	0.98805
27022	2.68117	0.82307	0.82307	0.77756
27023	2.43002	0.80628	0.80628	0.8482
27024	2.48945	0.73033	0.73033	0.75363
27025	2.5728	0	0	0
27026	2.56893	0.80766	0.80766	0.84166
27027	2.6782	0	0	0
27028	2.71432	0.05646	0.05646	0.10728
27029	2.51157	0	0	0
27030	2.43406	0.8718	0.8718	0.91451
27031	2.44053	0	0	0
27032	2.80519	0.65727	0.65727	1.01082
27033	2.79511	1.15831	1.15831	1.16286
27034	2.37974	0.95371	0.95371	0.99928
27035	2.60469	0.89722	0.89722	1.00091
27036	2.65804	1.09339	1.09339	1.19481
27037	2.6457	1.08801	1.08801	1.19019
27038	2.61025	0.83519	0.83519	0.88111
27039	2.57765	0.26387	0.26387	0.29932
27040	2.41979	0.85472	0.85472	0.84848
27041	2.50942	1.02317	1.02317	1.12441
27042	2.50965	0.99258	0.99258	1.07409
27043	2.61697	0.80568	0.80568	0.86236
27044	2.61405	0.79972	0.79972	0.8844
27045	2.56962	0.49182	0.49182	0.66738
27046	2.56911	0.88323	0.88323	0.92466
27047	2.38411	0.39119	0.39119	0.55998
27048	2.29783	0	0	0
27049	2.45166	0.62353	0.62353	0.94889
27050	2.42356	0.64981	0.64981	0.99906
27051	2.53088	0.8279	0.8279	0.83846
27052	2.371	0.73475	0.73475	0.67047
27053	2.74262	0.72175	0.72175	0.86235
27054	2.41455	0	0	0
27055	2.87601	1.29256	1.29256	1.34225
27056	2.35012	1.06292	1.06292	1.11388
27057	2.75439	1.15971	1.15971	1.27379
27058	2.75495	1.1537	1.1537	1.26188
27059	2.75529	1.15011	1.15011	1.25619

27060	2.51686	1.01726	1.01726	1.16651
27061	2.69217	0.95193	0.95193	0.99881
27062	2.69292	0.89911	0.89911	0.92808
27063	2.44785	0	0	0
27064	2.38825	0.14166	0.14166	0.2068
27065	2.31822	0.96498	0.96498	1.06092
27066	2.40433	0.11116	0.11116	0.15346
27067	2.46163	0	0	0
27068	2.72442	1.23996	1.23996	1.17056
27069	2.70767	0.75103	0.75103	0.79809
27070	2.73331	0	0	0
27071	2.35145	0	0	0
27072	2.48152	0.43254	0.43254	0.59877
27073	2.58055	1.04943	1.04943	1.1177
27074	2.42428	0.93047	0.93047	0.96563
27075	2.36605	0	0	0
27076	2.27943	0.91958	0.91958	0.94041
27077	2.60867	0.27919	0.27919	0.51167
27078	2.71829	0.9869	0.9869	1.12162
27079	2.7336	0.90952	0.90952	0.98606
27080	2.51916	0	0	0
27081	2.64469	0.79189	0.79189	0.76322
27082	2.64521	0.95784	0.95784	1.05131
27083	2.52468	0.84081	0.84081	0.86187
27084	2.68627	0	0	0
27085	2.56176	0.7348	0.7348	0.83677
27086	2.56096	0.81349	0.81349	0.8768
27087	2.56333	0.87418	0.87418	0.93602
27088	2.43955	0.81149	0.81149	0.8213
27089	2.35249	0	0	0
27090	2.36584	0.60282	0.60282	0.70596
27091	2.47447	0.81387	0.81387	0.82247
27092	2.62584	1.20208	1.20208	1.31601
27093	2.42708	0.80169	0.80169	0.77115
27094	2.54385	0	0	0
27095	2.41992	0.83444	0.83444	1.06159
27096	2.42218	0.92672	0.92672	0.97626
27097	2.43165	0.87567	0.87567	0.93945
27098	2.43956	0.54155	0.54155	0.85681
27099	2.43106	0.87196	0.87196	0.88456
27100	2.57324	0.89002	0.89002	1.0484

27101	2.41837	0.87346	0.87346	0.87217
27102	2.59147	0.9327	0.9327	1.00866
27103	2.59041	0.95723	0.95723	1.05085
27104	2.60893	1.01861	1.01861	1.17276
27105	2.52481	0.88759	0.88759	0.90954
27106	2.62631	0.98915	0.98915	1.25913
27107	2.39785	0	0	0
27108	2.45932	0.95298	0.95298	0.9674
27109	2.39653	0.80235	0.80235	0.83702
27110	2.3794	0	0	0
27111	2.79068	1.22502	1.22502	1.35278
27112	2.47867	0.8334	0.8334	0.87173
27113	2.47819	0.96959	0.96959	1.0862
27114	2.42396	0.27843	0.27843	0.36819
27115	2.42396	0.43271	0.43271	0.57221
27116	2.42412	0.77685	0.77685	0.85259
27117	2.48985	1.06206	1.06206	1.1936
27118	2.49103	1.03601	1.03601	1.16642
27119	2.48852	0.99675	0.99675	1.09395
27120	2.48734	0	0	0
27121	2.79843	0.90681	0.90681	1.07024
27122	2.79662	0.90832	0.90832	0.99055
27123	2.78903	0.54051	0.54051	0.77296
27124	2.6175	0	0	0
27125	2.70215	0.95414	0.95414	1.08464
27126	2.70694	0.84731	0.84731	1.00709
27127	2.34641	0.4244	0.4244	0.73196
27128	2.55456	0.83351	0.83351	0.93048
27129	2.74168	1.07151	1.07151	1.19085
27130	2.88239	0.95393	0.95393	1.08295
27131	2.92375	1.15307	1.15307	1.35459
27132	2.92565	1.25943	1.25943	1.41847
27133	2.30141	0.75525	0.75525	1.12558
27134	2.30296	0.6884	0.6884	1.14041
27135	2.51683	0.98499	0.98499	1.08241
27136	2.55302	0.89125	0.89125	0.93731
27137	2.35226	0.92527	0.92527	1.01638
27138	2.74137	0.8118	0.8118	0.8665
27139	2.74132	0.84517	0.84517	0.92126
27140	2.74132	1.10032	1.10032	1.07668
27141	2.58456	1.11403	1.11403	1.15955

27142	2.58121	0.9873	0.9873	1.06011
27143	2.48226	0.81901	0.81901	0.81696
27144	2.58126	1.01249	1.01249	1.08242
27145	2.48073	0	0	0
27146	2.71989	0.97434	0.97434	1.05261
27147	2.52688	0.84074	0.84074	0.85324
27148	2.53138	0	0	0
27149	2.82978	1.13711	1.13711	1.24701
27150	2.76642	0.85761	0.85761	1.02132
27151	2.58573	0.61761	0.61761	0.96753
27152	2.6201	1.12319	1.12319	1.20287
27153	2.43843	0.83931	0.83931	0.845
27154	2.438	0.89431	0.89431	0.92227
27155	2.65163	1.18077	1.18077	1.2407
27156	2.64115	1.17928	1.17928	1.24228
27157	2.62842	1.10496	1.10496	1.1489
27158	2.80205	0.75313	0.75313	0.89732
27159	2.80667	0.75539	0.75539	0.89551
27160	2.80206	0.75831	0.75831	0.88284
27161	2.52708	1.00537	1.00537	1.08114
27162	2.6273	0.82735	0.82735	0.83433
27163	2.37827	0	0	0
27164	2.65418	0.84829	0.84829	1.01043
27165	2.65045	0.87525	0.87525	1.01606
27166	2.57237	0	0	0
27167	2.5196	0.98257	0.98257	1.07517
27168	2.45074	0.52692	0.52692	0.66039
27169	2.87089	1.17708	1.17708	1.24568
27170	2.88136	1.16943	1.16943	1.24471
27171	2.56988	0.89264	0.89264	0.95178
27172	2.68658	0.99469	0.99469	1.29446
27173	2.44176	0.99005	0.99005	1.02506
27174	2.60777	0.9448	0.9448	1.00971
27175	2.48155	0.82424	0.82424	0.82102
27176	2.52405	0	0	0
27177	2.51393	0.05491	0.05491	0.07342
27178	2.56381	0.72956	0.72956	0.90901
27179	2.56526	0.83634	0.83634	0.92991
27180	2.88244	1.39116	1.39116	1.29175
27181	2.86412	1.39082	1.39082	1.28664
27182	2.86151	1.3983	1.3983	1.36269

27183	2.858	1.4038	1.4038	1.37635
27184	2.85743	1.40386	1.40386	1.36773
27185	2.82923	1.40452	1.40452	1.34523
27186	2.82505	1.4054	1.4054	1.33936
27187	2.86132	1.40207	1.40207	1.29859
27188	2.81209	1.3047	1.3047	1.26623
27189	2.83083	1.30513	1.30513	1.32342
27190	2.82569	1.30563	1.30563	1.32135
27191	2.59429	0.97836	0.97836	1.13776
27192	2.59522	0.9365	0.9365	1.08188
27193	2.46293	0.74101	0.74101	0.73481
27194	2.41718	0.53628	0.53628	0.74297
27195	2.41206	0.36205	0.36205	0.61994
27196	2.57479	0	0	0
27197	2.30991	0	0	0
27198	2.59503	0.91782	0.91782	0.93248
27199	2.79759	0.81657	0.81657	0.88196
27200	2.79113	0.96322	0.96322	1.11371
27201	2.71921	1.03639	1.03639	1.23721
27202	2.70825	1.01724	1.01724	1.22885
27203	2.67113	0.8822	0.8822	1.19114
27204	2.67259	1.03133	1.03133	1.1946
27205	2.69524	0.46606	0.46606	0.76942
27206	2.70063	0.92672	0.92672	1.00671
27207	2.53645	0.83709	0.83709	0.89185
27208	2.55281	0.83322	0.83322	0.9222
27209	2.40306	0.85161	0.85161	0.88147
27210	2.64428	0.65895	0.65895	0.83784
27211	2.64574	0.91664	0.91664	0.94457
27212	2.36848	0	0	0
27213	2.55026	0.83122	0.83122	1.2194
27214	2.55899	0	0	0
27215	2.79802	1.02506	1.02506	1.28712
27216	2.51193	0.81459	0.81459	0.83307
27217	2.56807	0.93111	0.93111	0.98868
27218	2.53221	0.91064	0.91064	0.9608
27219	2.52401	0.96673	0.96673	1.0394
27220	2.50899	1.0476	1.0476	1.12164
27221	2.50751	0.84739	0.84739	0.86965
27222	2.51405	0.80837	0.80837	0.83617
27223	2.68227	0.89995	0.89995	0.91885

27224	2.68146	1.03058	1.03058	1.08524
27225	2.57544	0.91553	0.91553	0.95267
27226	2.3544	0.92493	0.92493	0.94435
27227	2.56611	0.38265	0.38265	0.60805
27228	2.51305	0.84441	0.84441	0.86738
27229	2.51228	0.90451	0.90451	0.94807
27230	2.51168	0.988	0.988	1.04951
27231	2.71154	1.14031	1.14031	1.30835
27232	2.71257	1.13967	1.13967	1.32591
27233	2.70334	1.09183	1.09183	1.2292
27234	2.66587	1.08639	1.08639	1.23628
27235	2.64009	0.94815	0.94815	0.98803
27236	2.67317	0.95127	0.95127	1.08775
27237	2.68213	0.86912	0.86912	0.98671
27238	2.6051	0.75951	0.75951	0.75542
27239	2.60367	0.93857	0.93857	1.01926
27240	2.33149	0.79729	0.79729	0.77798
27241	2.32885	0.24246	0.24246	0.37578
27242	2.44647	0.9314	0.9314	0.98188
27243	2.53216	0.90916	0.90916	0.8831
27244	2.52225	0.99789	0.99789	1.07824
27245	2.64857	0.75316	0.75316	0.84492
27246	2.66687	0.84039	0.84039	0.84925
27247	2.57967	1.06244	1.06244	1.20927
27248	2.44174	0.32262	0.32262	0.47335
27249	2.48517	0	0	0
27250	2.52388	0.93671	0.93671	1.02792
27251	2.50286	0.81931	0.81931	0.82644
27252	2.46254	0.72602	0.72602	0.69199
27253	2.39905	0.80771	0.80771	0.79581
27254	2.5326	0	0	0
27255	2.55253	0	0	0
27256	2.54973	0.86052	0.86052	0.88215
27257	2.72044	0	0	0
27258	2.44322	0.70658	0.70658	1.03386
27259	2.59871	0.9715	0.9715	0.98163
27260	2.60089	0.88005	0.88005	0.8777
27261	2.55015	0.7958	0.7958	0.84143
27262	2.33578	0	0	0
27263	2.45297	0.73928	0.73928	0.72247
27264	2.51307	0.14511	0.14511	0.21417

27265	2.62565	0.94049	0.94049	1.02072
27266	2.5891	0.88404	0.88404	0.92545
27267	2.37243	0	0	0
27268	2.57135	0.83167	0.83167	0.82928
27269	2.35974	1.18378	1.18378	1.14759
27270	2.35397	1.18837	1.18837	1.14225
27271	2.34824	1.19192	1.19192	1.13936
27272	2.50787	0	0	0
27273	2.38248	0	0	0
27274	2.48654	0.9608	0.9608	1.03264
27275	2.34288	0.79604	0.79604	0.79185
27276	2.60922	0.92435	0.92435	0.94333
27277	2.60586	1.02816	1.02816	1.0669
27278	2.57237	0.41167	0.41167	0.53243
27279	2.51574	0.99971	0.99971	1.05662
27280	2.51427	1.0314	1.0314	1.09636
27281	2.51425	1.04276	1.04276	1.10809
27282	2.41712	0.99362	0.99362	1.12287
27283	2.51115	0.84554	0.84554	0.8634
27284	2.50952	0.93091	0.93091	0.96941
27285	2.7076	0.94719	0.94719	0.96041
27286	2.70618	1.03057	1.03057	1.0932
27287	2.70576	1.03669	1.03669	1.08964
27288	2.68796	1.05097	1.05097	1.10429
27289	2.6629	0.25789	0.25789	0.3339
27290	2.62577	0.96224	0.96224	1.15833
27291	2.4993	0.82719	0.82719	0.84274
27292	2.57938	1.05318	1.05318	1.1669
27293	2.55766	1.09202	1.09202	1.20107
27294	2.55975	1.08903	1.08903	1.21119
27295	2.6583	0.85163	0.85163	0.86111
27296	2.6931	0.95518	0.95518	1.0418
27297	2.69227	0.91667	0.91667	0.98969
27298	2.357	0	0	0
27299	2.60772	0.74719	0.74719	0.84149
27300	2.63223	0.80469	0.80469	0.97381
27301	2.56975	0	0	0
27302	2.54414	0.67811	0.67811	0.74133
27303	2.77082	1.01156	1.01156	1.29599
27304	2.76662	0.96893	0.96893	1.18906
27305	2.25105	1.00592	1.00592	1.04724

27306	2.61483	1.07278	1.07278	1.24222
27307	2.62199	0.84066	0.84066	1.1128
27308	2.54669	0.83381	0.83381	0.82978
27309	2.59308	0.68311	0.68311	0.86985
27310	2.59714	0.87313	0.87313	0.99046
27311	2.65806	1.00959	1.00959	1.20941
27312	2.65073	0.63183	0.63183	0.76397
27313	2.39414	0.73542	0.73542	0.7685
27314	2.56076	1.00896	1.00896	1.14624
27315	2.41646	0	0	0
27316	2.61256	1.04373	1.04373	1.10454
27317	2.65997	0.84016	0.84016	0.85322
27318	2.54651	0	0	0
27319	2.49926	1.01612	1.01612	1.11818
27320	2.74581	0.76125	0.76125	0.75852
27321	2.72446	1.35506	1.35506	1.06209
27322	2.69784	1.35535	1.35535	1.15253
27323	2.54927	0.88514	0.88514	0.92016
27324	2.35455	1.00361	1.00361	1.05963
27325	2.44986	0.90871	0.90871	0.97217
27326	2.75931	0.98159	0.98159	1.08962
27327	2.4431	0.91933	0.91933	1.17591
27328	2.68623	0	0	0
27329	2.67364	0.96401	0.96401	0.98466
27330	2.38727	0.84081	0.84081	0.87366
27331	2.63418	0.8757	0.8757	0.93355
27332	2.5972	0	0	0
27333	2.51542	0.29529	0.29529	0.48495
27334	2.60479	0.91018	0.91018	1.0156
27335	2.6075	0.80017	0.80017	0.88053
27336	2.72646	0.80447	0.80447	1.10398
27337	2.86501	1.18891	1.18891	1.25326
27338	2.81303	1.18774	1.18774	1.26938
27339	2.80588	1.18501	1.18501	1.26574
27340	2.78973	1.16504	1.16504	1.26067
27341	2.61542	1.03323	1.03323	1.13704
27342	2.64578	0.8872	0.8872	1.19714
27343	2.64668	0.83234	0.83234	1.08564
27344	2.62595	1.32113	1.32113	1.17371
27345	2.63499	1.32074	1.32074	1.18795
27346	2.39749	0.87051	0.87051	0.88771

27347	2.72944	0.84294	0.84294	0.84635
27348	2.89948	1.32153	1.32153	1.35141
27349	2.70694	0.87529	0.87529	0.98161
27350	2.92177	0.91755	0.91755	0.92518
27351	2.58732	0.85414	0.85414	1.17903
27352	2.40911	1.11991	1.11991	1.15405
27353	2.45035	0.29612	0.29612	0.45246
27354	2.55234	1.05448	1.05448	1.09569
27355	2.52945	0.95628	0.95628	0.99226
27356	2.52991	0.78398	0.78398	0.76114
27357	2.63728	1.04107	1.04107	1.10857
27358	2.63872	1.01813	1.01813	1.07404
27359	2.63337	0.93902	0.93902	0.98954
27360	2.4954	1.16622	1.16622	1.23533
27361	2.63429	0.92082	0.92082	0.95793
27362	2.5177	0	0	0
27363	2.52434	1.06493	1.06493	1.14396
27364	2.52594	1.05346	1.05346	1.12676
27365	2.53588	0.93287	0.93287	0.93572
27366	2.53399	0.94804	0.94804	0.95559
27367	2.49892	0.82347	0.82347	0.8293
27368	2.34075	0.49801	0.49801	0.64349
27369	2.57052	0.93762	0.93762	1.05982
27370	2.3762	1.12469	1.12469	1.2132
27371	2.75499	1.06112	1.06112	1.26284
27372	2.76203	1.22679	1.22679	1.21492
27373	2.67856	0.83615	0.83615	0.84586
27374	2.51218	1.08023	1.08023	1.19464
27375	2.66324	0.93416	0.93416	1.06658
27376	2.66217	0.42866	0.42866	0.67959
27377	2.71164	0.43635	0.43635	0.69624
27378	2.56134	0	0	0
27379	2.56014	0.60779	0.60779	0.60369
27380	2.58459	0.93438	0.93438	0.99577
27381	2.59684	0.93744	0.93744	1.01148
27382	2.65596	0.86686	0.86686	0.86491
27383	2.65826	0.53464	0.53464	0.60279
27384	2.78368	0.81888	0.81888	0.87975
27385	2.51392	0.82668	0.82668	0.82923
27386	2.66775	0.97854	0.97854	1.20346
27387	2.59576	0.82758	0.82758	0.84304

27388	2.59772	0	0	0
27389	2.5717	0.51456	0.51456	0.71319
27390	2.41513	0.87444	0.87444	0.90347
27391	2.54588	0.97395	0.97395	1.02361
27392	2.54779	0.91854	0.91854	0.94974
27393	2.28119	0	0	0
27394	2.3346	0.85508	0.85508	0.86904
27395	2.65459	1.25694	1.25694	1.24775
27396	2.65304	1.24838	1.24838	1.21316
27397	2.50564	0.81539	0.81539	0.83491
27398	2.62042	1.00863	1.00863	1.10233
27399	2.62713	0.99702	0.99702	1.09057
27400	2.58693	0	0	0
27401	2.40246	0.59369	0.59369	0.86346
27402	2.53759	1.06853	1.06853	1.06382
27403	2.53516	1.06618	1.06618	1.14492
27404	2.53287	1.02102	1.02102	1.08237
27405	2.53124	0.83692	0.83692	0.7967
27406	2.45495	0.62091	0.62091	0.80401
27407	2.45468	0.75575	0.75575	0.852
27408	2.28941	0.89581	0.89581	1.11785
27409	2.29334	0.93721	0.93721	1.10815
27410	2.70244	1.13254	1.13254	1.28299
27411	2.47556	0	0	0
27412	2.58378	0.94683	0.94683	0.99343
27413	2.58178	1.08233	1.08233	1.16114
27414	2.58149	1.09547	1.09547	1.18057
27415	2.46533	0.92679	0.92679	0.98216
27416	2.46578	0.8155	0.8155	0.81731
27417	2.75766	1.00875	1.00875	1.11752
27418	2.75755	1.35944	1.35944	1.233
27419	2.36555	0.73297	0.73297	0.73088
27420	2.93331	0.63755	0.63755	0.79963
27421	2.93029	0.93672	0.93672	0.99884
27422	2.84714	0.86136	0.86136	0.83056
27423	2.72248	0.70966	0.70966	0.97199
27424	2.75929	0.93823	0.93823	1.19968
27425	2.45383	0.96341	0.96341	1.0818
27426	2.59094	1.04522	1.04522	1.16843
27427	2.59555	1.05701	1.05701	1.24429
27428	2.82243	0.983	0.983	1.16388

27429	2.75261	0.87978	0.87978	1.01175
27430	2.42732	0.80979	0.80979	0.80588
27431	2.3486	0	0	0
27432	2.67039	0.82197	0.82197	0.85259
27433	2.37721	0.86748	0.86748	0.83771
27434	2.42452	0.97109	0.97109	1.00608
27435	2.4253	0.96103	0.96103	0.99334
27436	2.66741	1.43406	1.43406	0.83432
27437	2.7124	1.49217	1.49217	0.75729
27438	2.51024	0.64315	0.64315	0.74522
27439	2.49563	0.87915	0.87915	0.8791
27440	2.70736	0.84421	0.84421	0.85282
27441	2.3357	0	0	0
27442	2.33592	0.83252	0.83252	0.8315
27443	2.57169	0.7563	0.7563	0.87371
27444	2.5329	1.04166	1.04166	1.05093
27445	2.41465	0.75464	0.75464	0.82053
27446	2.47021	0.98978	0.98978	1.02923
27447	2.45739	0.948	0.948	0.97593
27448	2.65304	0.93317	0.93317	1.08202
27449	2.5402	0.82675	0.82675	0.82868
27450	2.40516	1.12297	1.12297	1.21817
27451	2.29993	0.91315	0.91315	0.9168
27452	2.302	0.94504	0.94504	0.96658
27453	2.30168	1.00178	1.00178	1.06264
27454	2.59495	0.86974	0.86974	0.97075
27455	2.59611	0.78035	0.78035	0.81593
27456	2.60867	0.58489	0.58489	0.91052
27457	2.73425	0.897	0.897	1.01798
27458	2.66651	0.82024	0.82024	0.88633
27459	2.66614	0.77087	0.77087	0.83254
27460	2.57916	0.82357	0.82357	0.84495
27461	2.71283	0.82664	0.82664	0.88335
27462	2.71283	0.83967	0.83967	0.76783
27463	2.70557	0	0	0
27464	2.71837	0.88974	0.88974	0.75271
27465	2.71784	1.12943	1.12943	1.23833
27466	2.71801	1.13627	1.13627	1.25161
27467	2.76332	1.1413	1.1413	1.26491
27468	2.77127	1.14273	1.14273	1.25888
27469	2.548	0.92145	0.92145	1.12012

27470	2.53971	0.89738	0.89738	1.24909
27471	2.58884	0	0	0
27472	2.41821	0.9048	0.9048	0.94087
27473	2.42714	0.64533	0.64533	0.85425
27474	2.58856	0.99061	0.99061	1.07226
27475	2.27439	0.89243	0.89243	0.89074
27476	2.47082	0.74894	0.74894	0.75554
27477	2.56346	1.04046	1.04046	1.19978
27478	2.5196	0.87064	0.87064	0.91237
27479	2.52739	0.91031	0.91031	0.95909
27480	2.45932	0.27909	0.27909	0.79414
27481	2.61513	0	0	0
27482	2.50657	0.90133	0.90133	1.0948
27483	2.63916	0.81679	0.81679	1.00076
27484	2.63799	0.8511	0.8511	1.01472
27485	2.43152	0.85643	0.85643	0.95495
27486	2.27588	0	0	0
27487	2.52958	0.90291	0.90291	0.9855
27488	2.57514	0.72034	0.72034	0.84675
27489	2.53158	1.03131	1.03131	1.15528
27490	2.37553	0	0	0
27491	2.38765	1.12768	1.12768	1.20115
27492	2.45975	0.81271	0.81271	0.81083
27493	2.9446	0.20574	0.20574	0.31277
27494	2.94835	0.80259	0.80259	0.89592
27495	2.93232	0.24371	0.24371	0.32232
27496	2.56212	0.30855	0.30855	0.43743
27497	2.63852	0.93174	0.93174	1.00682
27498	2.26558	0.90105	0.90105	0.90549
27499	2.26525	0.84759	0.84759	0.83493
27500	2.57993	0.9312	0.9312	0.97687
27501	2.58002	0.98853	0.98853	1.05443
27502	2.5802	1.01052	1.01052	1.08167
27503	2.56225	1.00025	1.00025	1.05953
27504	2.37283	0.83951	0.83951	0.86458
27505	2.81964	1.35935	1.35935	1.20975
27506	2.73629	1.10233	1.10233	1.07231
27507	2.73265	0.9711	0.9711	0.95028
27508	2.73308	0.87501	0.87501	0.84813
27509	2.54981	0.97571	0.97571	1.17653
27510	2.55155	0.96934	0.96934	1.17358

27511	2.45846	1.04142	1.04142	1.0997
27512	2.45864	1.0248	1.0248	1.07848
27513	2.56617	0.91371	0.91371	0.99467
27514	2.56506	0.85959	0.85959	0.93906
27515	2.71873	0.92399	0.92399	1.18188
27516	2.7184	0.93546	0.93546	1.17661
27517	2.74273	1.03317	1.03317	1.25774
27518	2.40012	0	0	0
27519	2.37678	0	0	0
27520	2.39866	0.8201	0.8201	0.80687
27521	2.59853	1.14523	1.14523	1.19265
27522	2.47751	0.92894	0.92894	1.03186
27523	2.54405	0.9831	0.9831	1.03972
27524	2.74681	0	0	0
27525	2.56877	0	0	0
27526	2.66838	0.8329	0.8329	0.84988
27527	2.80371	0.92742	0.92742	1.09468
27528	2.80604	0.92212	0.92212	1.09297
27529	2.81289	1.09439	1.09439	1.26623
27530	2.44256	0.84821	0.84821	0.78182
27531	2.76749	1.06785	1.06785	1.21668
27532	2.7655	1.07477	1.07477	1.22328
27533	2.60204	0.82452	0.82452	0.83658
27534	2.36328	0.96737	0.96737	0.98457
27535	2.75869	0.78723	0.78723	0.91882
27536	2.7651	1.33734	1.33734	1.15798
27537	2.75947	1.33805	1.33805	1.17175
27538	2.64833	0.83523	0.83523	0.8516
27539	2.55097	0.9067	0.9067	0.97255
27540	2.55299	0.89113	0.89113	0.98264
27541	2.58341	0.3799	0.3799	0.65082
27542	2.77748	1.06861	1.06861	1.29714
27543	2.34787	0.80348	0.80348	0.75752
27544	2.50303	0.81152	0.81152	0.83232
27545	2.57647	0.91796	0.91796	0.93979
27546	2.3592	1.00795	1.00795	1.08567
27547	2.47981	1.02298	1.02298	1.08854
27548	2.4753	1.02864	1.02864	1.08821
27549	2.5103	0.77904	0.77904	0.89508
27550	2.30855	0.48978	0.48978	0.80231
27551	2.80258	1.36581	1.36581	1.20176

27552	2.79972	1.3657	1.3657	1.19951
27553	2.74862	1.33518	1.33518	1.13993
27554	2.51032	0.91654	0.91654	1.02845
27555	2.56672	0.36821	0.36821	0.72207
27556	2.88812	1.26024	1.26024	1.35896
27557	2.88151	1.26213	1.26213	1.34943
27558	2.87789	1.26401	1.26401	1.33948
27559	2.61468	0.96349	0.96349	1.02036
27560	2.51355	0.83062	0.83062	0.82638
27561	2.70162	1.10385	1.10385	1.20717
27562	2.45841	0.86926	0.86926	1.07774
27563	2.66192	0.76081	0.76081	0.7921
27564	2.61129	0.80726	0.80726	0.75502
27565	2.43274	0.82307	0.82307	0.80273
27566	2.64068	0.94409	0.94409	0.9828
27567	2.51365	0.93729	0.93729	1.08812
27568	2.51302	0.5928	0.5928	0.89873
27569	2.62261	0.7518	0.7518	0.84724
27570	2.5775	0.89249	0.89249	0.94872
27571	2.57488	0.99666	0.99666	1.04358
27572	2.31441	0.95471	0.95471	1.04719
27573	2.53663	0.87271	0.87271	0.93286
27574	2.49913	0.83566	0.83566	0.82907
27575	2.52812	0.36883	0.36883	0.54383
27576	2.65638	0.99432	0.99432	1.00757
27577	2.69045	0	0	0
27578	2.43844	0	0	0
27579	2.27679	0.89581	0.89581	0.93554
27580	2.60263	0.96451	0.96451	1.02174
27581	2.4564	0.8955	0.8955	0.90837
27582	2.58355	0	0	0
27583	2.35186	0.97323	0.97323	1.03853
27584	2.81953	1.25812	1.25812	1.32193
27585	2.81814	1.25995	1.25995	1.32211
27586	2.81156	1.26078	1.26078	1.3207
27587	2.46779	0.80248	0.80248	0.82413
27588	2.46166	0.85641	0.85641	0.90561
27589	2.34701	0	0	0
27590	2.62945	0.83243	0.83243	0.84131
27591	2.57955	0.82162	0.82162	0.84251
27592	2.52617	0.56647	0.56647	0.78934

27593	2.59185	0.80386	0.80386	1.09182
27594	2.25188	0.18329	0.18329	0.25966
27595	2.79894	0.98513	0.98513	1.04184
27596	2.79981	0.89702	0.89702	0.93433
27597	2.76708	0.87028	0.87028	0.86563
27598	2.76641	0.94196	0.94196	0.98885
27599	2.76767	1.23708	1.23708	1.06852
27600	2.7694	1.23612	1.23612	1.07527
27601	2.31888	0.85608	0.85608	0.87552
27602	2.40196	0.87272	0.87272	0.8899
27603	2.56692	1.08688	1.08688	1.20188
27604	2.84513	0.86618	0.86618	1.031
27605	2.82005	0.8786	0.8786	0.88672
27606	2.49285	1.22457	1.22457	1.19142
27607	2.53499	0	0	0
27608	2.52811	0.83027	0.83027	0.81539
27609	2.50504	0.83537	0.83537	0.87619
27610	2.50561	1.00019	1.00019	1.12536
27611	2.38636	0.75412	0.75412	0.71163
27612	2.38273	0.08775	0.08775	0.13274
27613	2.4544	0.98309	0.98309	1.06921
27614	2.41903	0.21289	0.21289	0.31094
27615	2.68034	1.06568	1.06568	1.15246
27616	2.71734	1.07329	1.07329	1.17582
27617	2.55752	0	0	0
27618	2.65117	0.75359	0.75359	0.81367
27619	2.28322	0.79977	0.79977	0.76737
27620	2.58008	0.71544	0.71544	0.77132
27621	2.60893	1.01403	1.01403	1.01279
27622	2.85532	1.27421	1.27421	1.35474
27623	2.85841	1.26573	1.26573	1.33168
27624	2.44662	0.79379	0.79379	0.79527
27625	2.67742	0.64024	0.64024	0.7359
27626	2.67946	0	0	0
27627	2.5992	0.89032	0.89032	0.91406
27628	2.45769	0	0	0
27629	2.63914	0.93613	0.93613	1.05622
27630	2.59399	0	0	0
27631	2.94103	1.37618	1.37618	1.21974
27632	2.29758	0.67309	0.67309	1.13721
27633	2.85117	0.90711	0.90711	1.15415

27634	2.81009	0.75416	0.75416	0.99803
27635	2.89842	1.26544	1.26544	1.36339
27636	2.90608	1.26524	1.26524	1.35331
27637	2.42037	0.86362	0.86362	0.89183
27638	2.81266	1.32331	1.32331	1.29272
27639	2.84033	0.84232	0.84232	0.85641
27640	2.81745	0.88585	0.88585	0.91158
27641	2.43704	0.90793	0.90793	0.94478
27642	2.43429	0.97915	0.97915	1.05622
27643	2.93261	1.38926	1.38926	1.30377
27644	2.93882	1.38705	1.38705	1.29078
27645	2.35253	0.42898	0.42898	0.66154
27646	2.34443	0.86012	0.86012	0.8592
27647	2.60458	0.88013	0.88013	0.85336
27648	2.39036	0.96164	0.96164	1.00117
27649	2.51915	0	0	0
27650	2.51123	0	0	0
27651	2.42908	0.82475	0.82475	0.82376
27652	2.65931	0.82519	0.82519	0.89463
27653	2.79123	1.27719	1.27719	1.19819
27654	2.7959	1.27815	1.27815	1.20867
27655	2.82982	1.27812	1.27812	1.22773
27656	2.84308	1.26889	1.26889	1.21376
27657	2.86314	1.26885	1.26885	1.22756
27658	2.64794	0.91368	0.91368	1.11001
27659	2.44287	0.61423	0.61423	0.95239
27660	2.76075	1.0006	1.0006	1.07064
27661	2.4016	0.46234	0.46234	0.65688
27662	2.51619	0	0	0
27663	2.54777	0.61709	0.61709	1.00718
27664	2.50393	1.0329	1.0329	1.09508
27665	2.56492	0.58031	0.58031	1.103
27666	2.69052	1.02846	1.02846	1.24917
27667	2.61978	0	0	0
27668	2.40136	0.12864	0.12864	0.19145
27669	2.47164	0	0	0
27670	2.59122	1.11526	1.11526	1.11128
27671	2.68323	0.29074	0.29074	0.42494
27672	2.60754	0.83249	0.83249	0.84191
27673	2.59611	0.52866	0.52866	0.66988
27674	2.36082	0	0	0

27675	2.61758	0.39392	0.39392	0.55064
27676	2.61554	0.74682	0.74682	0.77541
27677	2.52322	0.87287	0.87287	0.90408
27678	2.66783	1.05257	1.05257	1.07893
27679	2.66544	0.57577	0.57577	0.75865
27680	2.64138	0.75185	0.75185	0.70388
27681	2.47746	1.0071	1.0071	1.07808
27682	2.61357	0	0	0
27683	2.60554	0.94101	0.94101	0.98711
27684	2.59881	0.95846	0.95846	1.00184
27685	2.61035	1.01052	1.01052	1.03791
27686	2.60866	0.99433	0.99433	1.03599
27687	2.91814	1.47612	1.47612	1.34382
27688	2.93206	1.47642	1.47642	1.3383
27689	2.94594	1.47777	1.47777	1.33348
27690	2.97317	1.47938	1.47938	1.34073
27691	3.01754	1.48108	1.48108	1.3445
27692	3.02789	1.48033	1.48033	1.34147
27693	3.03828	1.48043	1.48043	1.34263
27694	3.039	1.48047	1.48047	1.349
27695	3.03319	1.4784	1.4784	1.31322
27696	3.03944	1.47914	1.47914	1.31589
27697	2.96852	1.46404	1.46404	1.15422
27698	2.76587	0.99165	0.99165	1.08205
27699	2.48382	0.88946	0.88946	0.9249
27700	2.46887	0.60993	0.60993	0.83844
27701	2.58093	0.75704	0.75704	0.78285
27702	2.49971	0	0	0
27703	2.36297	0.85866	0.85866	0.86974
27704	2.49531	1.02531	1.02531	1.07004
27705	2.45212	0.88046	0.88046	0.89631
27706	2.72405	0.8714	0.8714	0.90839
27707	2.80625	0.95	0.95	1.04568
27708	2.80287	0.97219	0.97219	1.06181
27709	2.79962	1.06598	1.06598	1.15535
27710	2.8224	1.06629	1.06629	1.1275
27711	2.40681	0.9986	0.9986	1.09999
27712	2.41818	0.32915	0.32915	0.46919
27713	2.54164	0.97645	0.97645	1.02036
27714	2.35695	0.36175	0.36175	0.53177
27715	2.70792	0.30774	0.30774	0.54601

27716	2.60469	0.76867	0.76867	0.79954
27717	2.70668	0.99293	0.99293	1.06684
27718	2.58795	0.62636	0.62636	0.83566
27719	2.58983	0.78315	0.78315	0.77587
27720	2.42608	0.87473	0.87473	0.8831
27721	2.41198	0	0	0
27722	2.40853	0.88211	0.88211	0.89464
27723	2.55405	0	0	0
27724	2.66124	0.92806	0.92806	1.01666
27725	2.68636	1.04135	1.04135	1.10941
27726	2.69032	1.04705	1.04705	1.10817
27727	2.81245	1.33287	1.33287	1.24239
27728	2.81765	1.33303	1.33303	1.23975
27729	2.78726	1.34072	1.34072	1.31935
27730	2.73335	0.95681	0.95681	1.1599
27731	2.64977	0.46607	0.46607	0.8141
27732	2.62234	0.87378	0.87378	0.95244
27733	2.63561	0.78157	0.78157	0.90103
27734	2.44093	0.87847	0.87847	0.89264
27735	2.441	0.82348	0.82348	0.81625
27736	2.6115	0.92578	0.92578	0.95628
27737	2.66638	0.81039	0.81039	0.83365
27738	2.52939	0	0	0
27739	2.61049	0.94852	0.94852	1.02065
27740	2.56814	0.59554	0.59554	0.80207
27741	2.45239	0.99653	0.99653	1.02472
27742	2.45332	0.98696	0.98696	1.02023
27743	2.45434	0.97716	0.97716	1.00715
27744	2.50291	0.99161	0.99161	1.08913
27745	2.63027	0.94015	0.94015	1.04443
27746	2.51319	0.82749	0.82749	0.83289
27747	2.64014	0.49919	0.49919	0.78389
27748	2.65253	0.84494	0.84494	0.8441
27749	2.68994	0.82135	0.82135	0.87114
27750	2.32922	0.81311	0.81311	0.77722
27751	2.38706	0.88989	0.88989	0.92817
27752	2.64497	1.05404	1.05404	1.09648
27753	2.39584	1.00397	1.00397	1.0549
27754	2.39443	1.01259	1.01259	1.06769
27755	2.4745	0.89331	0.89331	0.93837
27756	2.45822	0.29434	0.29434	0.3933

27757	2.6244	0.83145	0.83145	0.84315
27758	2.54952	0.08685	0.08685	0.12241
27759	2.59344	0.99756	0.99756	1.17524
27760	2.56673	0.74884	0.74884	0.71591
27761	2.81122	0.7326	0.7326	0.7804
27762	2.91007	1.22329	1.22329	1.36072
27763	2.91042	1.22165	1.22165	1.35109
27764	2.91514	1.22729	1.22729	1.39723
27765	2.79696	0.91838	0.91838	1.07829
27766	2.79654	0.93782	0.93782	1.09368
27767	2.43576	0	0	0
27768	2.51603	0.9689	0.9689	1.01819
27769	2.63999	0.73876	0.73876	0.56853
27770	2.73931	1.23655	1.23655	1.26288
27771	2.73657	1.23262	1.23262	1.28371
27772	2.77394	1.22294	1.22294	1.32632
27773	2.38361	0	0	0
27774	2.36293	0.81571	0.81571	0.80062
27775	2.55827	1.19795	1.19795	1.27822
27776	2.49419	0	0	0
27777	2.66561	0.815	0.815	0.84245
27778	2.67976	0.9872	0.9872	1.07462
27779	2.31738	0.98608	0.98608	1.06168
27780	2.68912	1.11753	1.11753	1.29797
27781	2.69743	1.06752	1.06752	1.26088
27782	2.46895	0	0	0
27783	2.51968	0.82139	0.82139	0.82267
27784	2.7293	1.23955	1.23955	1.2955
27785	2.52855	0.87475	0.87475	0.86257
27786	2.52913	0.65234	0.65234	0.88195
27787	2.75793	1.05866	1.05866	1.21725
27788	2.75702	1.02661	1.02661	1.0415
27789	2.78538	1.0011	1.0011	1.02189
27790	2.78766	0.86818	0.86818	0.83234
27791	2.49088	0.95062	0.95062	1.19791
27792	2.47403	0.93325	0.93325	1.05654
27793	2.54141	1.03405	1.03405	1.14485
27794	2.42046	0.73425	0.73425	0.85945
27795	2.45126	0.94631	0.94631	0.99442
27796	2.56347	0.94795	0.94795	1.08838
27797	2.56179	0.9238	0.9238	1.04588

27798	2.74581	0.97302	0.97302	1.09161
27799	2.47703	0.94244	0.94244	1.0028
27800	2.48692	0.83264	0.83264	1.06934
27801	2.50528	1.11397	1.11397	1.18128
27802	2.70394	0.59453	0.59453	0.67879
27803	2.75646	0.96077	0.96077	1.10464
27804	2.48337	0.88097	0.88097	0.8639
27805	2.55229	0.93241	0.93241	1.03276
27806	2.65515	0.86927	0.86927	0.88903
27807	2.65018	0.93608	0.93608	0.9722
27808	2.50511	0	0	0
27809	2.49611	0.80628	0.80628	0.83794
27810	2.59811	0.8083	0.8083	0.85606
27811	2.73988	1.17972	1.17972	1.32926
27812	2.41592	1.06865	1.06865	1.15228
27813	2.42032	1.10787	1.10787	1.17357
27814	2.37835	0.84672	0.84672	0.87752
27815	2.45756	0	0	0
27816	2.37689	0	0	0
27817	2.49889	0.87831	0.87831	1.0914
27818	2.40957	0	0	0
27819	2.50395	0.93745	0.93745	0.97898
27820	2.43597	0.98652	0.98652	1.06234
27821	2.44085	0.94408	0.94408	0.99459
27822	2.40797	0.82546	0.82546	0.79946
27823	2.51216	1.22819	1.22819	1.19625
27824	2.70057	1.08549	1.08549	1.32082
27825	2.52422	1.03283	1.03283	1.09129
27826	2.44495	0	0	0
27827	2.45973	0.87181	0.87181	1.1036
27828	2.44013	0.73392	0.73392	0.98458
27829	2.43618	0	0	0
27830	2.60583	0.89187	0.89187	0.98524
27831	2.72167	1.12499	1.12499	1.28497
27832	2.39059	0.81464	0.81464	0.80389
27833	2.81103	1.29978	1.29978	1.31733
27834	2.79851	1.29568	1.29568	1.31484
27835	2.62327	0.86747	0.86747	0.93305
27836	2.28118	0.79748	0.79748	0.7804
27837	2.64375	0	0	0
27838	2.39671	0.57794	0.57794	0.7873

27839	2.40499	0.88867	0.88867	0.9282
27840	2.4048	0.84749	0.84749	0.88617
27841	2.40413	0.57835	0.57835	0.79091
27842	2.42159	0.80761	0.80761	0.8408
27843	2.64712	0.88138	0.88138	0.9499
27844	2.64902	0.74215	0.74215	0.72952
27845	2.38268	0.71637	0.71637	1.12651
27846	2.66349	1.16738	1.16738	1.28962
27847	2.37078	0.8169	0.8169	0.84
27848	2.5116	0.18083	0.18083	0.25022
27849	2.59006	0	0	0
27850	2.50221	0.82275	0.82275	0.80836
27851	2.43685	0.81474	0.81474	0.80068
27852	2.56997	0	0	0
27853	2.63927	1.07905	1.07905	1.19328
27854	2.64784	1.06939	1.06939	1.17864
27855	2.64984	1.06165	1.06165	1.16811
27856	2.51125	1.11026	1.11026	1.18129
27857	2.51205	1.13786	1.13786	1.22881
27858	2.59876	0.84702	0.84702	1.03588
27859	2.59994	0.92297	0.92297	1.04712
27860	2.61913	0.94619	0.94619	1.10158
27861	2.45638	0.84194	0.84194	0.89975
27862	2.56789	0.87394	0.87394	0.9397
27863	2.49533	0.81245	0.81245	0.82602
27864	2.4657	0.36783	0.36783	0.52889
27865	2.51773	0	0	0
27866	2.5851	0	0	0
27867	2.54655	0.19448	0.19448	0.33027
27868	2.55839	1.05849	1.05849	1.04357
27869	2.53595	0.67538	0.67538	0.92676
27870	2.51279	0.89071	0.89071	1.04534
27871	2.79631	1.29512	1.29512	1.25544
27872	2.78313	1.29856	1.29856	1.26897
27873	2.46739	0	0	0
27874	2.59446	0	0	0
27875	2.54984	0	0	0
27876	2.57678	0.81916	0.81916	0.85002
27877	2.85311	1.14021	1.14021	1.25844
27878	2.67683	0.76718	0.76718	0.91746
27879	2.67543	0.42537	0.42537	0.5465

27880	2.60675	0.28766	0.28766	0.38061
27881	2.59947	0.75489	0.75489	0.68883
27882	2.87859	1.33173	1.33173	1.28813
27883	2.58281	0	0	0
27884	2.59457	0	0	0
27885	2.56685	0	0	0
27886	2.34508	0.89895	0.89895	0.91179
27887	2.5388	0.88338	0.88338	0.9092
27888	2.60412	1.07194	1.07194	1.22804
27889	2.60158	1.07723	1.07723	1.23259
27890	2.39337	0.89707	0.89707	0.88285
27891	2.44485	0.90297	0.90297	0.89339
27892	2.65451	0.91894	0.91894	1.02577
27893	2.50149	0.82796	0.82796	0.83248
27894	2.49875	0.88395	0.88395	0.9095
27895	2.49201	0	0	0
27896	2.40202	1.00848	1.00848	0.99668
27897	2.36502	0.80748	0.80748	0.79236
27898	2.36866	0.8232	0.8232	0.85095
27899	2.32738	0.33365	0.33365	0.40953
27900	2.6271	0.69956	0.69956	1.01825
27901	2.71065	0.75887	0.75887	1.00119
27902	2.5788	0.6611	0.6611	0.75376
27903	2.55062	1.12494	1.12494	1.15487
27904	2.55121	1.12364	1.12364	1.15756
27905	2.5323	1.06965	1.06965	1.14821
27906	2.54052	0	0	0
27907	2.58668	0.19418	0.19418	0.34517
27908	2.58768	0.90521	0.90521	0.96378
27909	2.4809	0.92512	0.92512	0.97846
27910	2.36956	0.41462	0.41462	0.69373
27911	2.6891	0.94809	0.94809	1.01508
27912	2.67738	0.8274	0.8274	0.94898
27913	2.60829	0.72412	0.72412	0.94731
27914	2.37154	1.01628	1.01628	1.09811
27915	2.36438	0.61013	0.61013	0.98623
27916	2.79879	1.0855	1.0855	1.31418
27917	2.80359	1.08156	1.08156	1.31412
27918	2.80477	1.0761	1.0761	1.30425
27919	2.32837	0.98427	0.98427	1.17946
27920	2.32417	0.83855	0.83855	0.83894

27921	2.30758	0.97077	0.97077	0.97241
27922	2.68991	0.53981	0.53981	0.81729
27923	2.75553	1.07225	1.07225	1.17601
27924	2.72119	1.0679	1.0679	1.17671
27925	2.49196	0.1971	0.1971	0.37972
27926	2.67929	0	0	0
27927	2.35131	1.19336	1.19336	1.13659
27928	3.02082	1.21889	1.21889	1.34585
27929	3.02555	1.21679	1.21679	1.34271
27930	2.98577	1.21384	1.21384	1.32748
27931	2.98949	1.20579	1.20579	1.30532
27932	2.40985	0.89076	0.89076	0.8986
27933	2.36007	0.86341	0.86341	0.87771
27934	2.58387	1.05863	1.05863	1.16925
27935	2.60431	0.98907	0.98907	1.06568
27936	2.40036	0.9236	0.9236	0.94946
27937	2.65558	0.75317	0.75317	0.73811
27938	2.58136	1.05453	1.05453	1.14063
27939	2.55795	0.74153	0.74153	0.93593
27940	2.56169	0.95843	0.95843	1.01386
27941	2.56293	0.96563	0.96563	1.08104
27942	2.56063	0.86605	0.86605	0.92611
27943	2.38272	0.73339	0.73339	0.74574
27944	2.53119	0.91334	0.91334	0.94033
27945	2.6763	0.5221	0.5221	0.82445
27946	2.67705	0	0	0
27947	2.81474	1.02964	1.02964	1.0801
27948	2.42732	0	0	0
27949	2.56024	1.17347	1.17347	1.22212
27950	2.56343	1.15424	1.15424	1.18987
27951	2.48423	0.74405	0.74405	0.82308
27952	2.52167	0.83186	0.83186	0.84285
27953	2.47046	0.27625	0.27625	0.41783
27954	2.97144	0.97956	0.97956	1.10061
27955	2.98088	0.99997	0.99997	1.1256
27956	2.96228	1.15657	1.15657	1.21194
27957	2.96466	1.16083	1.16083	1.22441
27958	2.67496	0.95201	0.95201	1.04655
27959	2.37656	0.80387	0.80387	0.69158
27960	2.37092	0.31266	0.31266	0.44272
27961	2.52563	0.38947	0.38947	0.61537

27962	2.5833	0.87275	0.87275	0.91903
27963	2.45444	0.97861	0.97861	1.02513
27964	2.45718	0.7525	0.7525	0.77967
27965	2.45707	0.43253	0.43253	0.64968
27966	2.52119	0.81911	0.81911	0.90827
27967	2.5314	0.82691	0.82691	0.82983
27968	2.53498	0.15469	0.15469	0.2045
27969	2.479	0.8727	0.8727	0.86891
27970	2.47705	0.81989	0.81989	0.82257
27971	2.68976	0.85435	0.85435	1.34326
27972	2.69151	0.8722	0.8722	1.29534
27973	2.69177	0.91785	0.91785	1.29384
27974	2.70432	1.22181	1.22181	1.23829
27975	2.4086	0.7485	0.7485	0.71845
27976	2.41015	0.95676	0.95676	1.04684
27977	2.40961	0.65729	0.65729	0.92074
27978	2.46902	1.17913	1.17913	1.23266
27979	2.36941	1.08262	1.08262	1.15842
27980	2.37082	1.07442	1.07442	1.1449
27981	2.44778	1.06353	1.06353	1.13178
27982	2.42518	1.05523	1.05523	1.04895
27983	2.70976	0.95719	0.95719	1.01904
27984	2.49538	0	0	0
27985	2.41375	0.88276	0.88276	0.93223
27986	2.69613	0	0	0
27987	2.40236	0	0	0
27988	2.55605	0.8319	0.8319	0.83304
27989	2.8567	1.35363	1.35363	1.30162
27990	2.87322	1.35375	1.35375	1.30927
27991	2.8845	1.35387	1.35387	1.31654
27992	2.8896	1.35449	1.35449	1.31382
27993	2.88454	1.35065	1.35065	1.27584
27994	2.58138	0.68176	0.68176	1.15271
27995	2.58333	0.89984	0.89984	1.16507
27996	2.49045	0.087	0.087	0.13114
27997	2.48315	0.81203	0.81203	0.82294
27998	2.58053	0.81115	0.81115	0.64907
27999	2.73323	1.26356	1.26356	1.21736
28000	2.7338	1.26391	1.26391	1.25444
28001	2.1693	0.86009	0.86009	0.83518
28002	2.56189	0.89443	0.89443	1.20037

28003	2.55759	0.92901	0.92901	1.1992
28004	2.66123	1.07872	1.07872	1.21668
28005	2.44632	0.81736	0.81736	0.94197
28006	2.44666	0.81072	0.81072	1.06559
28007	2.48873	0.86308	0.86308	0.9184
28008	2.58179	1.07059	1.07059	1.17759
28009	2.57441	0.74949	0.74949	0.70665
28010	2.59061	0.94574	0.94574	1.16799
28011	2.4456	0.933	0.933	0.98814
28012	2.63982	1.08075	1.08075	1.19404
28013	2.51043	0.92406	0.92406	0.92904
28014	2.54652	1.02708	1.02708	1.21183
28015	2.56175	1.03411	1.03411	1.21042
28016	2.58228	1.05644	1.05644	1.22306
28017	2.44855	0.75722	0.75722	1.17131
28018	2.4461	0.6787	0.6787	1.17177
28019	2.45242	0.81167	0.81167	1.20956
28020	2.57301	0.82707	0.82707	0.81896
28021	2.57693	0.7568	0.7568	1.05099
28022	2.51007	0.88034	0.88034	0.95144
28023	2.57718	1.14588	1.14588	1.13029
28024	2.57897	1.14161	1.14161	1.1509
28025	2.57399	0.82533	0.82533	0.84089
28026	2.31323	0.86369	0.86369	0.85491
28027	2.57527	0	0	0
28028	2.67407	0.8772	0.8772	1.06236
28029	2.66838	1.16721	1.16721	1.27678
28030	2.66759	1.16839	1.16839	1.28371
28031	2.6661	1.16744	1.16744	1.2838
28032	2.66043	1.16936	1.16936	1.28727
28033	2.45282	0.80924	0.80924	0.83839
28034	2.50445	0.45233	0.45233	0.66898
28035	2.54486	0.82218	0.82218	0.98581
28036	2.31549	0.79827	0.79827	0.78139
28037	2.38061	0.81776	0.81776	0.80241
28038	2.87278	0.92576	0.92576	1.12318
28039	2.49558	1.01832	1.01832	1.14936
28040	2.50726	0.98183	0.98183	1.096
28041	2.56829	0	0	0
28042	2.62212	0.50714	0.50714	0.68974
28043	2.57005	0.771	0.771	0.89187

28044	2.61318	1.14367	1.14367	1.24526
28045	2.61379	1.14919	1.14919	1.25302
28046	2.72552	0.83623	0.83623	0.86047
28047	2.71239	0	0	0
28048	2.56556	0.05428	0.05428	0.08966
28049	2.66464	0.90054	0.90054	0.99347
28050	2.19681	0.9668	0.9668	0.98521
28051	2.38916	0.80966	0.80966	0.80279
28052	2.54041	0.90654	0.90654	0.9507
28053	2.42349	0.84298	0.84298	0.81503
28054	2.42192	0.9305	0.9305	0.94901
28055	2.40858	1.06198	1.06198	1.14401
28056	2.44213	0.81633	0.81633	0.81325
28057	2.64763	0.92776	0.92776	0.95786
28058	2.25086	0.80632	0.80632	0.74362
28059	2.4949	0.88104	0.88104	0.91159
28060	2.7836	0	0	0
28061	2.48298	0.86086	0.86086	0.9068
28062	2.65999	0.89324	0.89324	0.91475
28063	2.77125	0.93594	0.93594	1.00998
28064	2.76582	0.96788	0.96788	1.05463
28065	2.69587	1.08583	1.08583	1.24089
28066	2.54251	0.74961	0.74961	0.66518
28067	2.47415	0.87855	0.87855	0.90325
28068	2.53459	0.89055	0.89055	1.0853
28069	2.53301	0.93866	0.93866	1.08546
28070	2.56792	0.88089	0.88089	0.86413
28071	2.59084	0.83335	0.83335	0.83023
28072	2.74257	0.83217	0.83217	0.84853
28073	2.54438	0.57822	0.57822	0.66572
28074	2.48449	0.11088	0.11088	0.16798
28075	2.59779	0	0	0
28076	2.3531	0.90423	0.90423	0.92616
28077	2.55354	0.25226	0.25226	0.33641
28078	2.65883	1.0605	1.0605	1.17622
28079	2.65913	1.0497	1.0497	1.16275
28080	2.75003	1.31336	1.31336	1.14744
28081	2.75596	1.35249	1.35249	1.18804
28082	2.54385	0	0	0
28083	2.58871	0.83016	0.83016	1.19313
28084	2.54623	0.81978	0.81978	0.83575

28085	2.66754	0.91713	0.91713	0.9494
28086	2.70439	0.83381	0.83381	0.85921
28087	2.69732	0.92144	0.92144	0.98072
28088	2.39297	0.98783	0.98783	1.15411
28089	2.68153	0.932	0.932	1.13357
28090	2.68298	0.91542	0.91542	1.12633
28091	2.57378	0	0	0
28092	2.65443	0.8264	0.8264	0.86463
28093	2.74974	1.08967	1.08967	1.24921
28094	2.88623	1.00211	1.00211	1.26393
28095	2.55478	0	0	0
28096	2.50914	0	0	0
28097	2.64176	1.14061	1.14061	1.17724
28098	2.64411	1.13931	1.13931	1.17577
28099	2.66215	1.14007	1.14007	1.23269
28100	2.51991	0.91407	0.91407	0.94302
28101	2.51956	0.91385	0.91385	0.94036
28102	2.70626	1.00902	1.00902	1.09972
28103	2.72275	0.84025	0.84025	0.85821
28104	2.56294	0.86549	0.86549	0.92698
28105	2.56122	0.90793	0.90793	0.98795
28106	2.55718	0.95183	0.95183	1.08034
28107	2.55789	0.99292	0.99292	1.21795
28108	2.67397	0.76779	0.76779	0.92341
28109	2.69201	0.7237	0.7237	0.98387
28110	2.5995	0.87631	0.87631	0.84532
28111	2.5289	1.34555	1.34555	0.97249
28112	2.42575	0.61411	0.61411	1.05226
28113	2.29228	0.83156	0.83156	0.8361
28114	2.5679	0.88446	0.88446	0.8575
28115	2.32786	1.04706	1.04706	1.11193
28116	2.61646	0	0	0
28117	2.61688	0.93834	0.93834	1.07883
28118	2.72539	1.05319	1.05319	1.22905
28119	2.71972	0.99099	0.99099	1.19892
28120	2.69046	0.82212	0.82212	0.81783
28121	2.69489	0.941	0.941	1.13791
28122	2.70778	0.92893	0.92893	0.99715
28123	2.70943	0.80277	0.80277	0.89241
28124	2.40181	0	0	0
28125	2.61359	0.27213	0.27213	0.4909

28126	2.41063	0	0	0
28127	2.57633	0.93303	0.93303	1.04342
28128	2.59205	0.91207	0.91207	1.07858
28129	2.60891	0.98886	0.98886	1.02161
28130	2.62445	0.30884	0.30884	0.49706
28131	2.58278	0.83506	0.83506	0.83376
28132	2.5864	1.03841	1.03841	1.02171
28133	2.58693	1.03392	1.03392	1.02752
28134	2.5954	1.01466	1.01466	0.99332
28135	2.57071	1.0787	1.0787	1.14172
28136	2.63032	0	0	0
28137	2.59791	0.86679	0.86679	0.93799
28138	2.58384	0.75909	0.75909	0.82333
28139	2.55024	0.91609	0.91609	0.97977
28140	2.52941	0.9024	0.9024	0.98831
28141	2.50405	0.87414	0.87414	0.95509
28142	2.55934	0.8636	0.8636	0.92643
28143	2.38981	0.90841	0.90841	0.9333
28144	2.59564	0.94701	0.94701	0.95954
28145	2.61261	1.05726	1.05726	1.18555
28146	2.60877	1.07013	1.07013	1.20366
28147	2.60111	1.07681	1.07681	1.20307
28148	2.58857	1.08837	1.08837	1.21158
28149	2.62814	1.09865	1.09865	1.2434
28150	2.34846	0.97644	0.97644	0.97044
28151	2.345	0.98951	0.98951	0.99039
28152	2.51881	0	0	0
28153	2.48444	0	0	0
28154	2.48387	0.82888	0.82888	0.79926
28155	2.35998	0.93112	0.93112	1.0067
28156	2.26788	0.80098	0.80098	0.75086
28157	2.54529	0.83714	0.83714	0.84552
28158	2.48262	0.95094	0.95094	1.0167
28159	2.48094	1.00999	1.00999	1.10022
28160	2.50271	0.31397	0.31397	0.48135
28161	2.54523	0.74483	0.74483	0.74555
28162	2.42863	0.865	0.865	0.89141
28163	2.50672	0	0	0
28164	2.46836	0.89843	0.89843	0.93959
28165	2.61719	0.94355	0.94355	1.03289
28166	2.86533	0.75233	0.75233	0.79174

28167	2.88863	1.11535	1.11535	1.32209
28168	2.88619	1.14068	1.14068	1.34661
28169	2.89283	1.14191	1.14191	1.34391
28170	2.67039	0.95309	0.95309	1.1534
28171	2.67671	0.96705	0.96705	1.15891
28172	2.67972	0.87406	0.87406	0.94009
28173	2.50593	0.42154	0.42154	0.60616
28174	2.93875	1.35617	1.35617	1.25504
28175	2.96156	1.38614	1.38614	1.30907
28176	2.84905	1.22591	1.22591	1.15354
28177	2.69288	0.85849	0.85849	1.02844
28178	2.54803	0	0	0
28179	2.59195	0.75897	0.75897	0.8303
28180	3.08373	1.19271	1.19271	1.50861
28181	3.08723	1.19214	1.19214	1.52533
28182	3.05363	1.17809	1.17809	1.53262
28183	3.03941	1.16299	1.16299	1.52947
28184	2.37789	0.81326	0.81326	0.78312
28185	2.37426	0.90897	0.90897	0.90692
28186	2.36867	0.5963	0.5963	0.74652
28187	2.48395	1.07814	1.07814	1.21622
28188	2.47065	0.80559	0.80559	1.05138
28189	2.45542	0	0	0
28190	2.49247	0	0	0
28191	2.58602	0.99579	0.99579	1.1175
28192	2.58227	1.04207	1.04207	1.14281
28193	2.42997	0.98518	0.98518	1.0337
28194	2.57367	0.89607	0.89607	1.02522
28195	2.59298	1.05889	1.05889	1.18955
28196	2.60239	1.04599	1.04599	1.17256
28197	2.77415	0.80087	0.80087	0.78313
28198	2.79633	0.73141	0.73141	0.79331
28199	2.76878	0.13056	0.13056	0.18771
28200	2.84198	0.17259	0.17259	0.24923
28201	2.84258	0.83333	0.83333	0.81825
28202	2.85393	0	0	0
28203	2.53593	0.91303	0.91303	0.98026
28204	2.55195	1.10551	1.10551	1.10199
28205	2.48132	0	0	0
28206	2.84331	1.22783	1.22783	1.20054
28207	2.55206	0.85934	0.85934	0.94296

28208	2.66939	1.11657	1.11657	1.15709
28209	2.67199	1.13721	1.13721	1.23001
28210	2.68141	1.07551	1.07551	1.14304
28211	2.68654	1.0702	1.0702	1.1463
28212	2.49154	0.86294	0.86294	0.92241
28213	2.63622	0.9235	0.9235	0.97641
28214	2.54344	0.60551	0.60551	0.67975
28215	2.54695	0.96965	0.96965	1.06637
28216	2.53709	0	0	0
28217	2.53889	0.83081	0.83081	0.82208
28218	2.55309	0.37884	0.37884	0.59313
28219	2.76968	0.75532	0.75532	0.72142
28220	2.78184	0.81164	0.81164	0.77549
28221	2.46836	0	0	0
28222	2.45987	0	0	0
28223	2.64261	0.73422	0.73422	0.99631
28224	2.65126	1.02387	1.02387	1.1158
28225	2.5878	0.81875	0.81875	0.84597
28226	2.51302	0.76375	0.76375	0.88088
28227	2.48411	0.97019	0.97019	1.03457
28228	2.40818	0.20195	0.20195	0.32443
28229	2.50652	0.97074	0.97074	1.17985
28230	2.63217	1.0254	1.0254	1.26457
28231	2.55517	0.76808	0.76808	0.76661
28232	2.48775	0.94315	0.94315	0.97386
28233	2.50941	1.12055	1.12055	1.22293
28234	2.50809	1.14036	1.14036	1.25299
28235	2.53616	1.14902	1.14902	1.27386
28236	2.51918	0	0	0
28237	2.61693	0.81166	0.81166	0.85665
28238	2.73352	0.93094	0.93094	1.02573
28239	2.62342	0.92405	0.92405	0.96404
28240	2.62117	1.0305	1.0305	1.10456
28241	2.61739	1.03869	1.03869	1.10774
28242	2.66111	0.97909	0.97909	1.19824
28243	2.47648	0.1295	0.1295	0.19431
28244	2.63132	0.81923	0.81923	0.83697
28245	2.58548	1.05512	1.05512	1.30143
28246	2.48128	0.89169	0.89169	0.96085
28247	2.45575	0	0	0
28248	2.62752	0.99261	0.99261	1.2434

28249	2.57282	0.92912	0.92912	1.00443
28250	2.56133	0.82481	0.82481	0.8371
28251	2.56512	0	0	0
28252	2.52424	0	0	0
28253	2.63784	0	0	0
28254	2.88671	1.12828	1.12828	1.27194
28255	2.89644	1.12269	1.12269	1.27034
28256	2.68642	1.31976	1.31976	1.21069
28257	2.709	1.31304	1.31304	1.07897
28258	2.55457	0.39375	0.39375	0.55249
28259	2.59975	0	0	0
28260	2.60541	0.86758	0.86758	0.897
28261	2.48359	0	0	0
28262	2.7117	0	0	0
28263	2.47013	0.84131	0.84131	0.85447
28264	2.83933	1.10579	1.10579	1.21029
28265	2.84878	1.10747	1.10747	1.21396
28266	2.85312	1.10851	1.10851	1.21247
28267	2.89161	1.27859	1.27859	1.31918
28268	2.89532	1.27815	1.27815	1.32199
28269	2.85139	1.22062	1.22062	1.10553
28270	2.54387	0	0	0
28271	2.43596	0	0	0
28272	2.48642	1.00073	1.00073	1.13357
28273	2.47391	0.872	0.872	0.90178
28274	2.47088	0.95953	0.95953	1.03265
28275	2.38499	0.97807	0.97807	1.10836
28276	2.83561	1.14357	1.14357	1.28511
28277	2.61675	0	0	0
28278	2.83908	1.01756	1.01756	1.08108
28279	2.83651	1.02629	1.02629	1.0839
28280	2.8518	1.04167	1.04167	1.09804
28281	2.65034	0.89933	0.89933	1.00332
28282	2.57095	0	0	0
28283	2.59563	0.91205	0.91205	1.0088
28284	2.53741	0.63918	0.63918	0.85616
28285	2.60039	1.15203	1.15203	1.24378
28286	2.60206	1.14516	1.14516	1.23308
28287	2.40022	0.94278	0.94278	0.93903
28288	2.39439	0.83274	0.83274	0.8955
28289	2.67702	0	0	0

28290	2.49013	0	0	0
28291	2.46076	0.91337	0.91337	0.95776
28292	2.44521	1.08877	1.08877	1.16466
28293	2.79998	1.18153	1.18153	1.27065
28294	2.79958	1.17722	1.17722	1.26778
28295	2.60362	0.75011	0.75011	0.66469
28296	2.59585	0.22177	0.22177	0.28809
28297	2.68377	0	0	0
28298	2.70905	0.83169	0.83169	0.87347
28299	2.30384	0	0	0
28300	2.4708	0.76814	0.76814	0.89035
28301	2.54805	0	0	0
28302	2.56762	0.82353	0.82353	0.82679
28303	2.58431	0.87791	0.87791	0.92502
28304	2.77001	0.78525	0.78525	0.7369
28305	2.77003	0.76117	0.76117	0.68596
28306	2.46338	0.80654	0.80654	0.83432
28307	2.38104	0.7442	0.7442	0.78616
28308	2.38191	0.89962	0.89962	0.92277
28309	2.63393	0.75197	0.75197	0.7067
28310	2.62866	1.24557	1.24557	1.254
28311	2.6222	0.85931	0.85931	0.92516
28312	2.57197	0.83405	0.83405	0.87439
28313	2.69013	1.0109	1.0109	1.29657
28314	2.5633	1.00824	1.00824	1.12057
28315	2.5644	0.95319	0.95319	1.10486
28316	2.468	1.04788	1.04788	1.12951
28317	2.61733	0.82896	0.82896	0.85219
28318	2.34997	0	0	0
28319	2.70425	0.87153	0.87153	0.9477
28320	2.80235	1.07781	1.07781	1.29146
28321	2.61026	1.06849	1.06849	1.21735
28322	2.56715	0	0	0
28323	2.56727	0.91263	0.91263	0.94508
28324	2.56718	1.06965	1.06965	1.16691
28325	2.56911	0.98364	0.98364	1.11762
28326	2.33566	0.86465	0.86465	0.86275
28327	2.82131	1.26773	1.26773	1.31516
28328	2.61704	1.04689	1.04689	1.12773
28329	2.62099	1.01699	1.01699	1.09938
28330	2.6234	1.00283	1.00283	1.08754

28331	2.40115	0.83334	0.83334	0.90012
28332	2.52936	0.77081	0.77081	0.88208
28333	2.5724	0.87089	0.87089	0.91877
28334	2.58	0.94807	0.94807	1.0584
28335	2.50833	0.83806	0.83806	0.84605
28336	2.67077	0.69278	0.69278	1.17326
28337	2.63208	0.68157	0.68157	1.15129
28338	2.63134	0.84288	0.84288	0.87517
28339	2.49818	0.87356	0.87356	0.90163
28340	2.54794	0.60708	0.60708	1.03497
28341	2.56584	0.86503	0.86503	0.88626
28342	2.59376	0.6044	0.6044	0.5527
28343	2.65012	0.83089	0.83089	0.86479
28344	2.7988	0.97933	0.97933	1.06634
28345	2.78966	1.00009	1.00009	1.08908
28346	2.37108	0.813	0.813	0.77065
28347	2.58731	0.28237	0.28237	0.36208
28348	2.66508	0.88617	0.88617	0.84259
28349	2.46253	0.86679	0.86679	0.8773
28350	2.50889	0.93703	0.93703	1.02075
28351	2.49918	0.95593	0.95593	1.04762
28352	2.32492	0.99416	0.99416	0.98221
28353	2.5499	0.80271	0.80271	1.01948
28354	2.64513	0	0	0
28355	2.65786	0.91579	0.91579	0.94949
28356	2.4541	0.84081	0.84081	0.89657
28357	2.56893	0.90976	0.90976	0.95545
28358	2.56768	0.97561	0.97561	1.01794
28359	2.55117	0.79385	0.79385	0.87454
28360	2.55051	0.84146	0.84146	0.89656
28361	2.68377	0.98966	0.98966	1.12404
28362	2.66259	0.96504	0.96504	1.00757
28363	2.44991	0.86673	0.86673	0.87927
28364	2.4129	0.38289	0.38289	0.49508
28365	2.45294	0.78241	0.78241	0.80885
28366	2.46076	0.81277	0.81277	0.93511
28367	2.46105	0.89471	0.89471	0.98242
28368	2.74557	0.84141	0.84141	0.90702
28369	2.44369	0.7411	0.7411	0.78181
28370	2.80813	0.52851	0.52851	0.72105
28371	2.81053	1.20645	1.20645	1.36117

28372	2.80864	1.19577	1.19577	1.3419
28373	2.80618	1.19497	1.19497	1.34862
28374	2.80953	1.19596	1.19596	1.36538
28375	2.80952	1.19602	1.19602	1.36474
28376	2.89319	0.94206	0.94206	1.02287
28377	2.89531	0.87072	0.87072	0.90654
28378	3.01434	1.15529	1.15529	1.30392
28379	3.02124	1.02787	1.02787	1.28017
28380	3.02206	1.03357	1.03357	1.2865
28381	2.98249	1.15613	1.15613	1.33455
28382	2.97507	1.15136	1.15136	1.32926
28383	2.50405	0.65506	0.65506	0.8554
28384	2.6119	0.95424	0.95424	1.04381
28385	2.41215	1.21373	1.21373	1.13114
28386	2.68409	0.88101	0.88101	0.84047
28387	2.59979	0.90711	0.90711	1.00045
28388	2.36496	0.96961	0.96961	1.05154
28389	2.74448	1.06379	1.06379	1.29306
28390	2.74334	1.0016	1.0016	1.20311
28391	2.46103	0.99773	0.99773	1.18234
28392	2.44934	0.7004	0.7004	0.98745
28393	2.57355	0.75808	0.75808	0.77916
28394	2.44811	0.05478	0.05478	0.08646
28395	2.45117	0	0	0
28396	2.50055	0	0	0
28397	2.69419	0.91142	0.91142	0.95743
28398	2.94234	0.72117	0.72117	0.86667
28399	2.33153	0	0	0
28400	2.43431	0.98904	0.98904	1.03202
28401	2.4342	1.02815	1.02815	1.09712
28402	2.55628	0.8154	0.8154	0.82735
28403	2.6749	1.14065	1.14065	1.2639
28404	2.66707	1.16861	1.16861	1.28065
28405	2.57193	0.05576	0.05576	0.1176
28406	2.37689	0.24176	0.24176	0.34112
28407	2.38047	0.89125	0.89125	0.92673
28408	2.38047	0.80403	0.80403	0.80496
28409	2.42366	0.86066	0.86066	0.88269
28410	2.49252	0.71843	0.71843	0.94015
28411	2.6853	0.87612	0.87612	1.02242
28412	2.7393	1.00051	1.00051	1.04121

28413	2.74022	0.95687	0.95687	1.00627
28414	2.69746	0.90031	0.90031	0.91234
28415	2.69409	0.84396	0.84396	0.84346
28416	2.50467	0.87158	0.87158	0.92087
28417	2.58914	1.00727	1.00727	1.00184
28418	2.58353	0.96265	0.96265	0.99804
28419	2.57716	0.93585	0.93585	1.01007
28420	2.5653	0.91255	0.91255	1.02045
28421	2.43318	0.69875	0.69875	1.02749
28422	2.40818	0.80253	0.80253	1.05214
28423	2.39825	0	0	0
28424	2.35725	0.3357	0.3357	0.45328
28425	2.54184	0.79327	0.79327	0.70011
28426	2.55372	0.76581	0.76581	0.77529
28427	2.88124	1.22745	1.22745	1.22388
28428	2.87484	1.2183	1.2183	1.19556
28429	2.84734	1.2106	1.2106	1.35927
28430	2.34876	0.8865	0.8865	0.91797
28431	2.503	0	0	0
28432	2.60428	1.00386	1.00386	1.10592
28433	2.83877	1.24283	1.24283	1.2915
28434	2.83599	1.24461	1.24461	1.29073
28435	2.83658	1.24666	1.24666	1.29087
28436	2.59617	0.94837	0.94837	1.0301
28437	2.82029	1.32956	1.32956	1.27832
28438	2.80225	1.32839	1.32839	1.27536
28439	2.79935	1.32373	1.32373	1.22788
28440	2.80955	1.32979	1.32979	1.29257
28441	2.369	0	0	0
28442	2.4661	0.92075	0.92075	1.1223
28443	2.4626	0.82832	0.82832	0.81668
28444	2.42714	0.87421	0.87421	0.89449
28445	2.74171	0.90414	0.90414	0.9683
28446	2.74014	0.13047	0.13047	0.16867
28447	2.77671	0.80759	0.80759	0.80348
28448	2.7754	0.73458	0.73458	0.73623
28449	2.31531	0.89409	0.89409	0.88881
28450	2.46338	0.65846	0.65846	0.63695
28451	2.75632	0.89763	0.89763	0.95351
28452	2.75685	0.97971	0.97971	1.07108
28453	2.73009	0.65489	0.65489	0.94631

28454	2.47844	0	0	0
28455	2.67754	0.84459	0.84459	0.84449
28456	2.65856	0.72108	0.72108	0.81506
28457	2.4514	0.88147	0.88147	0.91662
28458	2.45343	0.86357	0.86357	0.89084
28459	2.50673	0.31045	0.31045	0.63618
28460	2.50708	0.83998	0.83998	0.83193
28461	2.51462	0.91591	0.91591	0.95721
28462	2.51892	0.99428	0.99428	1.02911
28463	2.52588	1.17615	1.17615	1.22966
28464	2.52954	1.17802	1.17802	1.2296
28465	2.53649	1.1868	1.1868	1.24055
28466	2.52482	0	0	0
28467	2.52519	0.82209	0.82209	0.82835
28468	2.76655	0.80224	0.80224	1.06518
28469	2.50291	0.91397	0.91397	0.98443
28470	2.50138	0.92225	0.92225	0.99005
28471	2.41572	0.89054	0.89054	0.91325
28472	2.28639	0.81448	0.81448	1.12251
28473	2.57833	0.82845	0.82845	0.93301
28474	2.45405	0.88512	0.88512	0.91518
28475	2.53057	1.02413	1.02413	1.05954
28476	2.53126	0.95364	0.95364	0.9727
28477	2.42471	0.72103	0.72103	0.7764
28478	2.42492	0.4441	0.4441	0.76555
28479	2.42146	0	0	0
28480	2.36511	0	0	0
28481	2.78948	1.25578	1.25578	1.18051
28482	2.80028	1.26697	1.26697	1.19961
28483	2.31822	0	0	0
28484	2.48086	0.75045	0.75045	0.76317
28485	2.54816	0	0	0
28486	2.70268	0.9887	0.9887	1.1796
28487	2.69928	1.05718	1.05718	1.13285
28488	2.6959	1.04504	1.04504	1.13136
28489	2.5642	0.93884	0.93884	1.0406
28490	2.58595	0.8986	0.8986	1.19615
28491	2.45786	0.32586	0.32586	0.5597
28492	2.45396	0.83182	0.83182	1.05282
28493	2.47607	0.55639	0.55639	0.9903
28494	2.47775	0.93361	0.93361	1.06879

28495	2.4679	0.43559	0.43559	0.7537
28496	2.43278	0.96233	0.96233	1.01245
28497	2.42169	0.9626	0.9626	1.05942
28498	2.65839	0.93926	0.93926	1.12677
28499	2.65846	0.98906	0.98906	1.14498
28500	2.57479	0.72658	0.72658	0.89874
28501	2.81056	0.87338	0.87338	0.92089
28502	2.80533	0.9609	0.9609	1.0467
28503	2.79932	0.99125	0.99125	1.0837
28504	2.49126	0.86888	0.86888	0.90482
28505	2.48973	0.92669	0.92669	1.02043
28506	2.49774	0.93121	0.93121	0.95812
28507	2.90508	0.77326	0.77326	0.91318
28508	2.74485	0.81629	0.81629	0.87216
28509	2.68099	1.05676	1.05676	1.23433
28510	2.69564	1.0426	1.0426	1.22534
28511	2.76489	1.17151	1.17151	1.29119
28512	2.74429	1.14866	1.14866	1.27082
28513	2.64052	0	0	0
28514	2.55588	1.14103	1.14103	1.18704
28515	2.36568	1.00786	1.00786	1.08043
28516	2.65356	1.08702	1.08702	1.23133
28517	2.6567	1.16566	1.16566	1.22719
28518	2.65612	1.02071	1.02071	1.09621
28519	2.65868	0.93941	0.93941	0.95513
28520	2.47939	0.97158	0.97158	1.04283
28521	2.6665	0.91395	0.91395	0.98299
28522	2.66932	1.01194	1.01194	1.10609
28523	2.67448	1.0248	1.0248	1.12684
28524	2.67443	1.02486	1.02486	1.12899
28525	2.6753	0	0	0
28526	2.62935	0	0	0
28527	2.49947	0	0	0
28528	2.59799	0.97309	0.97309	1.20158
28529	2.5988	0.92968	0.92968	1.19683
28530	2.41966	0.75032	0.75032	0.7704
28531	2.25205	0	0	0
28532	2.37748	0.95335	0.95335	0.99362
28533	2.37657	0.94026	0.94026	0.97056
28534	2.65283	1.09702	1.09702	1.1721
28535	2.65451	1.09017	1.09017	1.16563

28536	2.65577	1.08148	1.08148	1.17286
28537	2.64997	1.0388	1.0388	1.08246
28538	2.53137	0.90237	0.90237	0.95411
28539	2.47275	0.90003	0.90003	1.01011
28540	2.53646	0.9188	0.9188	0.92907
28541	2.41913	0.74927	0.74927	0.72903
28542	2.53173	0.99665	0.99665	1.00146
28543	2.67665	0.69728	0.69728	0.7975
28544	2.69125	1.0477	1.0477	1.23545
28545	2.65578	1.03804	1.03804	1.22851
28546	2.37396	0.90587	0.90587	0.93286
28547	2.37396	0.94572	0.94572	0.99621
28548	2.37426	0.97215	0.97215	1.0353
28549	2.33559	0.87603	0.87603	0.94263
28550	2.40893	0.80846	0.80846	0.80625
28551	2.40859	0.9201	0.9201	1.02541
28552	2.42419	0.96721	0.96721	1.04835
28553	2.45538	0.90676	0.90676	0.8942
28554	2.43671	0.52377	0.52377	0.66914
28555	2.59972	0.90435	0.90435	1.00229
28556	2.59707	0.22581	0.22581	0.36674
28557	2.59929	0.97157	0.97157	0.95999
28558	2.62882	0.95388	0.95388	0.96019
28559	2.61908	0.92995	0.92995	0.90641
28560	2.27729	0.9192	0.9192	0.92981
28561	2.86473	1.35843	1.35843	1.18508
28562	2.77692	1.08939	1.08939	0.98921
28563	2.46929	0.909	0.909	1.09395
28564	2.47176	0.90544	0.90544	1.11882
28565	2.65002	0.78014	0.78014	0.9638
28566	2.63033	0.76123	0.76123	0.94192
28567	2.68197	1.07161	1.07161	1.16679
28568	2.71247	1.11399	1.11399	1.15516
28569	2.71204	0	0	0
28570	2.5815	0.90171	0.90171	1.1103
28571	2.57542	0.83808	0.83808	1.10119
28572	2.5741	0.79266	0.79266	1.09357
28573	2.56432	0	0	0
28574	2.54769	0	0	0
28575	2.848	0.77192	0.77192	0.73496
28576	2.86908	1.2308	1.2308	1.37916

28577	2.87275	1.23641	1.23641	1.39171
28578	2.86924	1.23771	1.23771	1.38977
28579	2.86059	1.2394	1.2394	1.37399
28580	2.42526	0	0	0
28581	2.69549	0.68437	0.68437	0.87038
28582	2.80536	0.98969	0.98969	1.15198
28583	2.5783	0.84699	0.84699	0.84906
28584	2.59163	0	0	0
28585	2.54268	0.12947	0.12947	0.15598
28586	2.43284	0.86497	0.86497	0.9395
28587	2.43254	0.9882	0.9882	1.09457
28588	2.42721	0.99801	0.99801	1.09134
28589	2.59993	0.94234	0.94234	1.01877
28590	2.59634	0.88589	0.88589	0.93697
28591	2.57169	0.83288	0.83288	0.83486
28592	2.53796	0.87508	0.87508	0.92772
28593	2.51364	0.87218	0.87218	0.91923
28594	2.62714	1.30465	1.30465	1.10198
28595	2.58678	1.32692	1.32692	1.18128
28596	2.72172	0.56028	0.56028	0.71887
28597	2.67314	0.65963	0.65963	0.8868
28598	2.3921	0.79765	0.79765	0.79998
28599	2.64907	1.11426	1.11426	1.03052
28600	2.53925	0.92077	0.92077	0.98182
28601	2.62305	0.82521	0.82521	0.8461
28602	2.59242	0.88001	0.88001	0.86647
28603	2.50481	1.02186	1.02186	1.05796
28604	2.97219	1.12782	1.12782	1.24562
28605	2.96915	1.15153	1.15153	1.20915
28606	2.38058	0	0	0
28607	2.25565	0.86473	0.86473	0.86901
28608	2.61654	0.84451	0.84451	0.8423
28609	2.62527	0.64473	0.64473	0.84778
28610	2.49248	0.87877	0.87877	0.89281
28611	2.57728	1.0476	1.0476	1.17027
28612	2.70775	0.96363	0.96363	1.08238
28613	2.52124	0.05501	0.05501	0.12675
28614	2.52336	0.87715	0.87715	0.91074
28615	2.52154	0.90603	0.90603	0.96058
28616	2.6698	1.21751	1.21751	1.25386
28617	2.58019	0.69058	0.69058	0.66129

28618	2.53342	0.08695	0.08695	0.12942
28619	2.5226	0.80941	0.80941	0.8281
28620	2.80001	0.18116	0.18116	0.40047
28621	2.49567	0.74289	0.74289	0.79341
28622	2.49458	0.86822	0.86822	0.85496
28623	2.49534	0.84682	0.84682	0.85518
28624	2.50103	0.2903	0.2903	0.52373
28625	2.41375	0.88982	0.88982	0.92287
28626	2.48713	0	0	0
28627	2.39604	0.74642	0.74642	0.69504
28628	2.3951	0.918	0.918	0.93844
28629	2.54403	0.96086	0.96086	1.02776
28630	2.54852	0.94759	0.94759	1.01343
28631	2.54991	0.88366	0.88366	0.92368
28632	2.55648	0	0	0
28633	2.71418	1.14606	1.14606	1.25676
28634	2.56383	0.54543	0.54543	0.80665
28635	2.4469	0.92003	0.92003	0.97899
28636	2.44648	0.95989	0.95989	1.02976
28637	2.42164	0.25397	0.25397	0.36842
28638	2.42141	0.75122	0.75122	0.72825
28639	2.42014	0.80565	0.80565	0.79806
28640	2.54129	0.90888	0.90888	0.90513
28641	2.24686	0.88407	0.88407	0.8873
28642	2.80545	1.11476	1.11476	1.25219
28643	2.80227	1.11678	1.11678	1.25145
28644	2.79112	1.15863	1.15863	1.30593
28645	2.78854	1.16362	1.16362	1.30659
28646	2.82686	1.01619	1.01619	1.14854
28647	2.82407	1.03154	1.03154	1.16998
28648	2.82726	1.05917	1.05917	1.18199
28649	2.88578	1.06854	1.06854	1.20389
28650	2.49054	0.98963	0.98963	0.99422
28651	2.49504	1.02366	1.02366	1.13867
28652	2.4963	1.01497	1.01497	1.12332
28653	2.54543	0.81888	0.81888	0.82867
28654	2.55616	0.92657	0.92657	1.18692
28655	2.55058	1.01614	1.01614	1.21788
28656	2.47389	0.81896	0.81896	0.81966
28657	2.48612	0.76367	0.76367	0.91167
28658	2.48341	0.82145	0.82145	1.03543

28659	2.73686	0.9399	0.9399	1.13655
28660	2.73692	0.999	0.999	1.19798
28661	2.73427	1.04723	1.04723	1.25552
28662	2.3532	0.21008	0.21008	0.30373
28663	2.37718	0	0	0
28664	2.35708	0.82973	0.82973	0.79859
28665	2.46338	0.90523	0.90523	0.9459
28666	2.4644	0.86284	0.86284	0.89168
28667	2.75557	1.37293	1.37293	1.16518
28668	2.70916	1.37225	1.37225	1.14358
28669	2.60633	0.94909	0.94909	1.04147
28670	2.59336	0.99745	0.99745	1.10424
28671	2.59322	1.0113	1.0113	1.12159
28672	2.64754	1.1383	1.1383	1.25367
28673	2.52203	0	0	0
28674	2.35402	0	0	0
28675	2.5435	0.64276	0.64276	0.75615
28676	2.54371	0.73964	0.73964	0.89003
28677	2.51131	0	0	0
28678	2.50016	0.34304	0.34304	0.57203
28679	2.43312	0.76508	0.76508	0.89269
28680	2.45448	1.08916	1.08916	1.22551
28681	2.45596	1.08312	1.08312	1.22315
28682	2.44344	0.83882	0.83882	0.85639
28683	2.45008	0.80713	0.80713	0.8395
28684	2.52128	1.0877	1.0877	1.14481
28685	2.57772	0.82132	0.82132	0.81429
28686	2.60558	0.82891	0.82891	0.8491
28687	2.56672	0.50379	0.50379	0.71092
28688	2.62082	1.04388	1.04388	1.12812
28689	2.50653	0	0	0
28690	2.62839	0.76022	0.76022	0.87788
28691	2.69826	0	0	0
28692	2.69773	0.86667	0.86667	0.9066
28693	2.78966	0.91457	0.91457	0.98043
28694	2.78935	1.04213	1.04213	1.16069
28695	2.90507	1.25681	1.25681	0.87174
28696	2.90893	1.43741	1.43741	0.98471
28697	2.90074	1.41008	1.41008	1.25377
28698	2.92439	1.41274	1.41274	1.30167
28699	2.91663	1.41233	1.41233	1.29722

28700	2.9195	1.41219	1.41219	1.2934
28701	2.89882	1.41255	1.41255	1.29256
28702	2.87234	1.41182	1.41182	1.29437
28703	2.71608	0	0	0
28704	2.30726	0.94655	0.94655	0.98837
28705	2.55485	0.86602	0.86602	0.9254
28706	2.5256	0.16919	0.16919	0.23745
28707	2.5117	0.82951	0.82951	0.83278
28708	2.77993	1.22831	1.22831	1.20929
28709	2.46829	0.98207	0.98207	1.04869
28710	2.52523	0	0	0
28711	2.3486	0	0	0
28712	2.55974	0.76181	0.76181	0.91561
28713	2.47412	0	0	0
28714	2.54226	1.05907	1.05907	1.12537
28715	2.53755	1.04984	1.04984	1.11676
28716	2.38965	0	0	0
28717	2.43508	0.8194	0.8194	0.77788
28718	2.43684	0.89025	0.89025	0.91069
28719	2.80546	1.02488	1.02488	1.23136
28720	2.84369	1.01976	1.01976	1.31875
28721	2.56379	0	0	0
28722	2.36645	0.7446	0.7446	0.71776
28723	2.41073	0.81496	0.81496	0.81634
28724	2.39944	0	0	0
28725	2.61895	0	0	0
28726	2.34814	0	0	0
28727	2.7905	1.22696	1.22696	1.28677
28728	2.77809	1.23132	1.23132	1.28627
28729	2.78427	1.23336	1.23336	1.28899
28730	2.47449	0.66673	0.66673	0.89837
28731	2.50319	0.85793	0.85793	1.00053
28732	2.50174	0.81852	0.81852	0.97332
28733	2.50098	1.00817	1.00817	1.10552
28734	2.41335	0.75126	0.75126	0.92745
28735	2.46734	0.80504	0.80504	0.82194
28736	2.50034	1.00011	1.00011	1.08842
28737	2.50632	0.9527	0.9527	1.02903
28738	2.67215	0.92606	0.92606	0.98813
28739	2.67419	0.94656	0.94656	1.00661
28740	2.68121	1.07426	1.07426	1.25635

28741	2.66151	0.95924	0.95924	0.91859
28742	2.66231	0.94398	0.94398	0.90058
28743	2.66327	0.92668	0.92668	0.91047
28744	2.66807	0.85049	0.85049	0.82981
28745	2.7277	1.04775	1.04775	1.05667
28746	2.76277	1.09131	1.09131	1.14806
28747	2.75372	0.84941	0.84941	0.8424
28748	2.57201	0.83284	0.83284	0.78882
28749	2.59768	0.8748	0.8748	0.92935
28750	2.50526	0.80092	0.80092	0.81907
28751	2.45941	0.69046	0.69046	0.90998
28752	2.4553	0.92893	0.92893	1.01566
28753	2.44961	0.70985	0.70985	0.75322
28754	2.26805	0	0	0
28755	2.3854	0.7472	0.7472	0.8884
28756	2.53347	0.11053	0.11053	0.16257
28757	2.67125	0.88311	0.88311	0.93803
28758	2.69635	0.94739	0.94739	1.12216
28759	2.6958	0.91013	0.91013	1.11159
28760	2.54191	0.81007	0.81007	0.85554
28761	3.02578	1.42609	1.42609	1.3267
28762	2.99622	1.42667	1.42667	1.31873
28763	2.99164	1.42572	1.42572	1.27674
28764	2.98684	1.43047	1.43047	1.3281
28765	3.00001	1.43694	1.43694	1.36188
28766	2.96187	1.43731	1.43731	1.33674
28767	2.70922	1.00015	1.00015	1.21008
28768	2.69719	0.87166	0.87166	1.10685
28769	2.7267	0.88049	0.88049	1.13053
28770	2.29994	1.03293	1.03293	1.0515
28771	2.40867	0.94653	0.94653	0.98979
28772	2.39737	1.05811	1.05811	1.05618
28773	2.59627	0.82946	0.82946	0.8335
28774	2.67764	0	0	0
28775	2.59903	0.68494	0.68494	0.77373
28776	2.59866	0.76237	0.76237	0.84921
28777	2.62922	0.88818	0.88818	0.9097
28778	2.61808	0.87132	0.87132	0.89249
28779	2.26883	0.85962	0.85962	0.84554
28780	2.34164	0.89191	0.89191	0.91996
28781	2.6046	0.91105	0.91105	1.01352

28782	2.70193	1.01582	1.01582	1.10303
28783	2.616	0.76562	0.76562	0.84448
28784	2.59993	0.56181	0.56181	0.77574
28785	2.35981	0.80995	0.80995	0.81087
28786	2.35991	0	0	0
28787	2.38747	0	0	0
28788	2.58068	0.94616	0.94616	1.04078
28789	2.58526	1.00358	1.00358	1.12659
28790	2.56552	0	0	0.22136
28791	2.60903	0.75041	0.75041	0.65099
28792	2.64777	0.82576	0.82576	0.9237
28793	2.36157	0.7998	0.7998	0.79379
28794	2.58641	0.82089	0.82089	0.82371
28795	2.67914	1.21783	1.21783	1.26267
28796	2.59985	1.0957	1.0957	1.20677
28797	2.57594	0.49982	0.49982	0.79941
28798	2.61442	0.92193	0.92193	1.00905
28799	2.36699	0.73724	0.73724	0.77424
28800	2.37332	0.8709	0.8709	1.09336
28801	2.35018	0.86948	0.86948	0.86882
28802	2.40213	1.11508	1.11508	1.25374
28803	2.39433	0.83562	0.83562	1.13807
28804	2.54392	0.88057	0.88057	0.87079
28805	2.68461	0.96196	0.96196	1.07363
28806	2.68348	0.89845	0.89845	1.04968
28807	2.47387	0.97131	0.97131	1.05115
28808	2.47151	0.94388	0.94388	0.99911
28809	2.66668	0.83642	0.83642	0.89558
28810	2.65389	0	0	0
28811	2.4872	1.09303	1.09303	1.07867
28812	2.36503	0.95353	0.95353	1.05059
28813	2.45181	0.53743	0.53743	0.86529
28814	2.34217	0.82163	0.82163	0.79331
28815	2.35088	0.59855	0.59855	0.65328
28816	2.65063	0.80835	0.80835	0.86965
28817	2.74661	1.13022	1.13022	1.25285
28818	2.74444	1.14348	1.14348	1.26693
28819	2.31818	0.12552	0.12552	0.16901
28820	2.36449	0	0	0
28821	2.42464	0.88221	0.88221	0.92821
28822	2.33105	1.01607	1.01607	1.1766

28823	2.55508	0.83503	0.83503	0.82743
28824	2.41782	1.06239	1.06239	1.10843
28825	2.77867	1.09891	1.09891	1.3327
28826	2.41264	0.9603	0.9603	0.99712
28827	2.31233	1.02895	1.02895	1.08731
28828	2.5425	0.93839	0.93839	0.97583
28829	2.59805	0.96101	0.96101	1.08655
28830	2.44264	0.94999	0.94999	0.99432
28831	2.44337	0.92291	0.92291	0.95021
28832	2.3585	0	0	0
28833	2.64242	0.86287	0.86287	0.86329
28834	2.63522	0.55403	0.55403	0.71881
28835	2.45379	0.78058	0.78058	0.9911
28836	2.45353	0.79986	0.79986	0.9481
28837	2.46884	0.86879	0.86879	1.20296
28838	2.48264	0.88062	0.88062	0.89036
28839	2.4408	1.03546	1.03546	1.10247
28840	2.43706	1.04317	1.04317	1.10846
28841	2.48753	1.01684	1.01684	1.09927
28842	2.36705	0	0	0
28843	2.34911	0.13882	0.13882	0.19382
28844	2.53676	0.99978	0.99978	1.16361
28845	2.59672	0.6494	0.6494	0.75577
28846	2.57291	0.88499	0.88499	0.96147
28847	2.22984	0	0	0
28848	2.3312	1.02388	1.02388	1.17835
28849	2.34931	0.92527	0.92527	0.9966
28850	2.35018	0.90166	0.90166	0.91495
28851	2.54211	1.10252	1.10252	1.24931
28852	2.56612	0.87404	0.87404	0.89497
28853	2.62177	0.95341	0.95341	1.04712
28854	2.62434	0.9815	0.9815	1.04499
28855	2.61676	0.71782	0.71782	0.9257
28856	2.63988	1.14876	1.14876	1.11355
28857	2.65268	1.14145	1.14145	1.08833
28858	2.7504	0.97529	0.97529	0.91689
28859	2.76531	0.99847	0.99847	0.96694
28860	2.75729	0.84304	0.84304	0.86835
28861	2.42475	0.64815	0.64815	0.90153
28862	2.4257	0.85605	0.85605	0.96112
28863	2.78456	1.07761	1.07761	1.24078

28864	2.78746	1.03749	1.03749	1.18677
28865	2.37209	1.12227	1.12227	1.22303
28866	2.61276	1.00429	1.00429	1.20731
28867	2.60561	1.03039	1.03039	1.20884
28868	2.60028	1.05757	1.05757	1.22377
28869	2.57776	0	0	0
28870	2.44443	0	0	0
28871	2.44443	0.8017	0.8017	0.81369
28872	2.54817	0.88609	0.88609	0.91803
28873	2.50132	0	0	0
28874	2.57461	0.8291	0.8291	0.84199
28875	2.57414	0.884	0.884	0.91989
28876	2.57877	0.82444	0.82444	0.92495
28877	2.5175	1.05453	1.05453	1.11348
28878	2.57728	0.74755	0.74755	0.72872
28879	2.43092	0.91445	0.91445	0.94864
28880	2.42616	0.9689	0.9689	1.02208
28881	2.61179	0.49568	0.49568	0.7228
28882	2.6113	0.75647	0.75647	0.68044
28883	2.56628	1.05427	1.05427	1.12971
28884	2.33451	1.03072	1.03072	1.18301
28885	2.96098	1.20502	1.20502	1.43089
28886	2.9526	1.20828	1.20828	1.42684
28887	2.57311	0.45109	0.45109	0.6506
28888	2.66067	0.89459	0.89459	0.95889
28889	2.74504	1.18121	1.18121	1.32693
28890	2.72641	0.85262	0.85262	1.10371
28891	2.7799	1.17463	1.17463	1.35018
28892	2.75906	1.35374	1.35374	0.97512
28893	2.7152	1.35351	1.35351	1.01715
28894	2.64199	0.88681	0.88681	0.96613
28895	2.58356	0.82722	0.82722	0.74234
28896	2.38959	0.22361	0.22361	0.36907
28897	2.4203	0.79882	0.79882	0.78762
28898	2.43992	0	0	0
28899	2.4644	0.92564	0.92564	0.99305
28900	2.46085	0.98801	0.98801	1.07044
28901	2.46155	1.06093	1.06093	1.14763
28902	2.46005	1.06468	1.06468	1.15295
28903	2.33153	0.86943	0.86943	0.8696
28904	2.33453	0.99011	0.99011	1.1788

28905	2.36314	1.02845	1.02845	1.13357
28906	2.48927	0.96785	0.96785	1.13121
28907	2.48773	0.91814	0.91814	0.95346
28908	2.36133	0.97612	0.97612	1.05726
28909	2.36988	0.86969	0.86969	0.90272
28910	2.62575	1.10345	1.10345	1.30026
28911	2.38391	0.80097	0.80097	0.80509
28912	2.41697	0.80287	0.80287	0.81315
28913	2.57101	0.95458	0.95458	1.01696
28914	2.57097	0.95188	0.95188	1.00347
28915	2.38921	0	0	0
28916	2.57772	0.75342	0.75342	0.74116
28917	2.5784	0.40149	0.40149	0.51881
28918	2.57849	0.82597	0.82597	0.827
28919	2.5796	0	0	0
28920	2.34114	0.73467	0.73467	0.85446
28921	2.5828	0.43266	0.43266	0.593
28922	2.6229	0.90918	0.90918	1.145
28923	2.61624	0.91352	0.91352	1.1465
28924	2.61372	0.83687	0.83687	1.12621
28925	2.64513	0.83736	0.83736	1.13062
28926	2.86074	1.32764	1.32764	1.33279
28927	2.61251	0.95156	0.95156	1.13574
28928	2.49628	0.12725	0.12725	0.20015
28929	2.55571	0.81287	0.81287	0.84777
28930	2.51381	0.62039	0.62039	0.80678
28931	2.73759	0	0	0
28932	2.55681	1.06718	1.06718	1.11614
28933	2.55531	0.96468	0.96468	1.02203
28934	2.7282	0.87053	0.87053	0.91995
28935	2.72836	0.95275	0.95275	1.03939
28936	2.74913	1.11083	1.11083	1.1498
28937	2.65753	1.20562	1.20562	1.32317
28938	2.4524	0.9076	0.9076	0.93997
28939	2.45165	0.89542	0.89542	0.92412
28940	2.49214	0.91391	0.91391	1.03008
28941	2.41199	0	0	0
28942	2.44339	0.92914	0.92914	0.94931
28943	2.52108	0.91581	0.91581	0.94187
28944	2.49167	0.81005	0.81005	0.82086
28945	2.48909	0.92072	0.92072	0.98648

28946	2.48234	1.08336	1.08336	1.17952
28947	2.47292	1.08595	1.08595	1.16787
28948	2.65266	0.79199	0.79199	0.97816
28949	2.6484	0.7988	0.7988	0.90538
28950	2.33421	0.8565	0.8565	0.83126
28951	2.51515	0.74123	0.74123	0.78527
28952	2.52904	0	0	0
28953	2.63757	0.8965	0.8965	1.03606
28954	2.63787	0.84858	0.84858	1.03549
28955	2.73234	0.83752	0.83752	0.85088
28956	2.58759	1.01368	1.01368	1.17317
28957	2.6163	1.07987	1.07987	1.17798
28958	2.61547	1.08113	1.08113	1.17385
28959	2.55897	0.89603	0.89603	1.00966
28960	2.73628	0.83925	0.83925	0.85214
28961	2.56252	0.81784	0.81784	0.83444
28962	2.54362	0.99439	0.99439	1.08333
28963	2.43935	0.86779	0.86779	1.12871
28964	2.4025	0.89031	0.89031	0.9122
28965	2.63287	0.6693	0.6693	0.91834
28966	2.57604	0	0	0
28967	2.31696	0	0	0
28968	2.70784	1.13577	1.13577	1.2613
28969	2.46609	0	0	0
28970	2.55977	0.81899	0.81899	0.84616
28971	2.64616	1.27314	1.27314	1.2447
28972	2.44341	0.86606	0.86606	0.88709
28973	2.49427	0.92236	0.92236	1.00523
28974	2.75838	0.82898	0.82898	0.80153
28975	2.74514	0.77507	0.77507	0.80217
28976	2.73216	1.18249	1.18249	1.24297
28977	2.81715	1.35926	1.35926	1.3316
28978	2.81928	1.3586	1.3586	1.29412
28979	2.83746	1.35814	1.35814	1.30011
28980	2.8344	1.35813	1.35813	1.27525
28981	2.77505	0.9458	0.9458	1.14075
28982	2.53053	1.03576	1.03576	1.17866
28983	2.53269	1.04753	1.04753	1.20934
28984	2.53224	1.02346	1.02346	1.16204
28985	2.59668	0.8375	0.8375	0.83096
28986	2.50976	1.14732	1.14732	1.18779

28987	2.80195	0.79529	0.79529	0.54064
28988	2.70314	0.7544	0.7544	0.78577
28989	2.47862	0.8738	0.8738	0.842
28990	2.40821	0.85834	0.85834	0.87406
28991	2.46167	0.90913	0.90913	0.92734
28992	2.44451	0.37296	0.37296	0.57131
28993	2.43206	0.39277	0.39277	0.59991
28994	2.43173	1.00357	1.00357	1.01476
28995	2.44038	0.99598	0.99598	1.02177
28996	2.22136	0.82783	0.82783	0.81247
28997	2.55547	0	0	0
28998	2.45346	0.96858	0.96858	1.01504
28999	2.37012	0	0	0
29000	2.56921	0.9636	0.9636	1.0252
29001	2.80635	0.17829	0.17829	0.31239
29002	2.77449	0.99811	0.99811	1.10512
29003	2.77443	0.83376	0.83376	0.91215
29004	2.76572	0.91126	0.91126	0.93697
29005	2.76368	0.77435	0.77435	0.85698
29006	2.66423	1.18118	1.18118	1.23951
29007	2.66711	1.18104	1.18104	1.24443
29008	2.68226	1.15609	1.15609	1.21839
29009	2.42935	0.25714	0.25714	0.21869
29010	2.51701	0.76763	0.76763	0.73812
29011	2.50753	0.9901	0.9901	1.04832
29012	2.5842	0	0	0
29013	2.53112	0.89845	0.89845	0.99212
29014	2.48913	1.02267	1.02267	1.1736
29015	2.49295	0.74428	0.74428	0.90739
29016	2.75567	0.8303	0.8303	0.71024
29017	2.77292	1.27681	1.27681	1.23035
29018	2.7913	1.27671	1.27671	1.22848
29019	2.80036	1.277	1.277	1.21825
29020	2.78673	0.6149	0.6149	0.80984
29021	2.56096	0.89216	0.89216	0.85475
29022	2.60139	0.83777	0.83777	0.83057
29023	2.38136	0	0	0
29024	2.87494	0.68952	0.68952	0.83417
29025	2.88158	0.77176	0.77176	0.83373
29026	2.55772	1.07457	1.07457	1.2522
29027	2.29271	0.9291	0.9291	0.97208

29028	2.40854	0.90872	0.90872	0.97125
29029	2.94308	1.09343	1.09343	1.43736
29030	2.76288	0.6087	0.6087	1.17338
29031	2.8468	0.96595	0.96595	1.06179
29032	2.8448	1.12605	1.12605	1.22858
29033	2.83056	1.14003	1.14003	1.25101
29034	2.80938	1.15768	1.15768	1.25481
29035	2.53885	0.75387	0.75387	0.74964
29036	2.53783	0.75771	0.75771	0.77046
29037	2.62921	0.81158	0.81158	1.0834
29038	2.62681	0.78061	0.78061	1.09133
29039	2.63848	1.14115	1.14115	1.16988
29040	2.56153	0	0	0
29041	2.6369	0.93586	0.93586	1.01754
29042	2.59181	1.02494	1.02494	1.09232
29043	2.60607	0.8423	0.8423	0.96811
29044	2.57287	0.96717	0.96717	1.05135
29045	2.39073	1.04041	1.04041	1.04469
29046	2.3936	1.04775	1.04775	1.05152
29047	2.80097	0.8292	0.8292	0.88065
29048	2.70409	0.50346	0.50346	0.74071
29049	2.43172	0.75074	0.75074	0.73984
29050	2.57395	0.19544	0.19544	0.29377
29051	2.75903	1.26679	1.26679	1.31257
29052	2.63191	0	0	0
29053	2.40044	0.92908	0.92908	0.95778
29054	2.4148	0.47647	0.47647	0.6821
29055	2.596	0.73671	0.73671	0.63107
29056	2.57536	0.76205	0.76205	0.76338
29057	2.66733	0.92624	0.92624	0.95138
29058	2.61278	0.89095	0.89095	1.11034
29059	2.58212	1.01429	1.01429	1.17405
29060	2.27816	0.9162	0.9162	0.94253
29061	2.68768	0.62528	0.62528	0.81465
29062	2.78685	1.1297	1.1297	1.1955
29063	2.7883	1.07883	1.07883	1.1685
29064	2.78777	1.07503	1.07503	1.17059
29065	2.77761	1.06423	1.06423	1.21851
29066	2.4566	1.04484	1.04484	1.13894
29067	2.46527	1.01794	1.01794	0.97485
29068	2.49672	0.81041	0.81041	0.82112

29069	2.4793	0.85137	0.85137	0.86097
29070	2.48087	0.74186	0.74186	0.70819
29071	2.6181	0.84353	0.84353	0.83598
29072	2.48657	0.86731	0.86731	0.8995
29073	2.62961	0.87811	0.87811	1.20494
29074	2.27042	1.01393	1.01393	1.06219
29075	2.61123	1.04003	1.04003	1.1275
29076	2.56548	0.54501	0.54501	0.71378
29077	2.85357	1.13821	1.13821	1.22905
29078	2.85637	1.16846	1.16846	1.26213
29079	2.8459	1.21936	1.21936	1.27733
29080	2.45864	1.08039	1.08039	1.1449
29081	2.69761	0.9102	0.9102	1.08226
29082	2.47091	0.34576	0.34576	0.45142
29083	2.51013	0.8165	0.8165	0.81572
29084	2.59267	0.75978	0.75978	0.74035
29085	2.72374	1.17462	1.17462	1.23059
29086	2.69483	1.17734	1.17734	1.22285
29087	2.53457	0.79736	0.79736	1.2183
29088	2.62549	0.59008	0.59008	0.76888
29089	2.65068	0.91585	0.91585	0.88413
29090	2.70731	0	0	0
29091	2.53996	0.81387	0.81387	0.80133
29092	2.63082	0.91346	0.91346	1.0321
29093	2.64917	0.91173	0.91173	0.98422
29094	2.44793	0.8108	0.8108	0.82114
29095	2.35969	0.80218	0.80218	0.84279
29096	2.36039	0.74642	0.74642	0.75001
29097	2.40262	0.905	0.905	0.95152
29098	2.4118	0.88561	0.88561	0.92671
29099	2.33175	0.80463	0.80463	0.77539
29100	2.65421	1.11678	1.11678	1.03599
29101	2.45768	0.95086	0.95086	0.98507
29102	2.52025	0.82504	0.82504	0.82787
29103	2.63502	0.54015	0.54015	0.79818
29104	2.65936	0.98427	0.98427	1.1075
29105	2.32382	0.42605	0.42605	0.70571
29106	2.7834	0.78381	0.78381	0.86288
29107	2.36807	0.44303	0.44303	0.66659
29108	2.44933	0.75075	0.75075	0.83687
29109	2.63042	0.84159	0.84159	0.84155

29110	2.4276	1.09405	1.09405	1.15373
29111	2.50239	0.93129	0.93129	0.9827
29112	2.50776	0.98755	0.98755	0.99985
29113	2.67899	1.1891	1.1891	1.21066
29114	2.37408	0.79288	0.79288	1.01574
29115	2.37045	0.85451	0.85451	0.88935
29116	2.60914	0.89096	0.89096	0.93715
29117	2.3223	0.9212	0.9212	0.92902
29118	2.62633	1.07259	1.07259	1.18069
29119	2.69549	0.61784	0.61784	0.74612
29120	2.65693	0.92084	0.92084	0.9313
29121	2.66073	0.83605	0.83605	0.85103
29122	2.29567	0.84754	0.84754	0.85221
29123	2.37854	0	0	0
29124	2.74878	1.38651	1.38651	1.20236
29125	2.75083	1.31269	1.31269	1.16606
29126	2.73721	1.29683	1.29683	1.29956
29127	2.7662	1.29461	1.29461	1.3088
29128	2.76423	1.28115	1.28115	1.27838
29129	2.44739	0.30812	0.30812	0.52749
29130	2.46648	0.88933	0.88933	0.98287
29131	2.42009	0.86311	0.86311	0.91016
29132	2.32058	0	0	0
29133	2.40886	0.10984	0.10984	0.15805
29134	2.41963	0.8634	0.8634	0.87246
29135	2.71621	0.82046	0.82046	0.69318
29136	2.7335	0.97548	0.97548	1.19083
29137	2.74331	0.98168	0.98168	1.2416
29138	2.70138	0.82022	0.82022	0.86393
29139	2.56795	1.07577	1.07577	1.19131
29140	2.75947	0.65534	0.65534	0.82864
29141	2.89978	1.37488	1.37488	1.19874
29142	2.28035	0.91006	0.91006	0.9248
29143	2.51174	0.87416	0.87416	0.891
29144	2.51214	0.92926	0.92926	0.96195
29145	2.55611	0.47801	0.47801	0.69924
29146	2.587	0.89528	0.89528	0.9518
29147	2.58692	0.82367	0.82367	0.8459
29148	2.34408	0.84846	0.84846	0.87267
29149	2.16619	0.8288	0.8288	0.79221
29150	2.44307	0	0	0

29151	2.55293	0.82932	0.82932	0.81819
29152	2.36976	0.87096	0.87096	0.87667
29153	2.55617	0.81185	0.81185	0.85726
29154	2.65555	0.76746	0.76746	0.76169
29155	2.65377	0.17962	0.17962	0.26718
29156	2.64872	0.91268	0.91268	0.97679
29157	2.87982	1.14364	1.14364	1.35529
29158	2.34632	0	0	0
29159	2.33106	0	0	0
29160	2.43566	0.87812	0.87812	0.88947
29161	2.4342	0.82288	0.82288	0.84435
29162	2.61246	0.83023	0.83023	0.84382
29163	2.34948	0.87122	0.87122	0.87817
29164	2.65766	1.0372	1.0372	1.15979
29165	2.49244	1.09633	1.09633	1.17196
29166	2.78668	1.02639	1.02639	1.30535
29167	2.78593	1.01063	1.01063	1.30343
29168	2.78552	0.92416	0.92416	1.30575
29169	2.75946	0.6832	0.6832	0.81857
29170	2.82512	1.07658	1.07658	1.2227
29171	2.81896	1.11758	1.11758	1.2721
29172	2.62981	0.88856	0.88856	0.94919
29173	2.61054	0.87621	0.87621	0.92378
29174	2.38686	0.86564	0.86564	1.00384
29175	2.38778	0.972	0.972	0.984
29176	2.65397	0.90098	0.90098	0.98143
29177	2.66209	0.93158	0.93158	1.02936
29178	2.41493	0.87327	0.87327	0.86581
29179	2.48152	0.88138	0.88138	0.89121
29180	2.70291	0.57735	0.57735	0.78504
29181	2.6069	0.91844	0.91844	0.97375
29182	2.46314	0.29297	0.29297	0.42373
29183	2.46289	0.88137	0.88137	0.91119
29184	2.46647	0.82688	0.82688	0.83708
29185	2.45897	0.84907	0.84907	0.86029
29186	2.4593	0	0	0
29187	2.55733	0.64248	0.64248	0.7825
29188	2.59208	0.92213	0.92213	1.19511
29189	2.3779	0.90481	0.90481	1.21892
29190	2.38753	0.95952	0.95952	1.22578
29191	2.53507	0.81765	0.81765	0.83046

29192	2.53588	0.904	0.904	0.96426
29193	2.64603	0.97659	0.97659	1.08847
29194	2.63222	1.04833	1.04833	1.20164
29195	2.53632	0.35345	0.35345	0.45272
29196	2.35878	1.06768	1.06768	1.11981
29197	2.91821	1.37793	1.37793	1.20764
29198	2.81812	0.95835	0.95835	1.11378
29199	2.81753	0.92246	0.92246	1.09654
29200	2.82152	0.8308	0.8308	0.88208
29201	2.81694	0.92676	0.92676	1.04306
29202	2.70643	0.7408	0.7408	0.85381
29203	2.61527	0.97277	0.97277	1.06682
29204	2.59073	0.52341	0.52341	0.71374
29205	2.59511	0.95675	0.95675	1.09678
29206	2.60756	0.97338	0.97338	1.10932
29207	2.62403	1.0876	1.0876	1.17126
29208	2.86314	0.88402	0.88402	1.15942
29209	2.8426	1.08875	1.08875	1.1913
29210	2.84314	1.10178	1.10178	1.28833
29211	2.60211	0.92817	0.92817	0.92976
29212	2.59296	0.95766	0.95766	0.95877
29213	2.31493	0.74222	0.74222	0.8324
29214	2.31422	0.90419	0.90419	0.93506
29215	2.60956	1.01296	1.01296	1.18367
29216	2.53091	0.77178	0.77178	0.84751
29217	2.51477	0.4642	0.4642	0.62864
29218	2.45032	0.48152	0.48152	0.67559
29219	2.50336	0.99228	0.99228	1.22733
29220	2.4664	1.04405	1.04405	1.11177
29221	2.46965	1.03218	1.03218	1.10555
29222	2.58965	0.76684	0.76684	0.99621
29223	2.43045	0	0	0
29224	2.43057	0.11003	0.11003	0.15823
29225	2.29904	0.88541	0.88541	0.91827
29226	2.61036	1.11987	1.11987	1.2539
29227	2.60904	1.13505	1.13505	1.27166
29228	2.5285	0.57772	0.57772	0.82467
29229	2.51283	0.82491	0.82491	0.80068
29230	2.51973	1.03257	1.03257	1.13252
29231	2.53926	0.88145	0.88145	0.9049
29232	2.38742	0.91896	0.91896	0.94579

29233	2.36055	0	0	0
29234	2.42847	0.95999	0.95999	1.04665
29235	2.47023	0.84725	0.84725	0.94835
29236	2.76078	0.60757	0.60757	0.63392
29237	2.75895	1.23819	1.23819	1.18402
29238	2.75678	1.23829	1.23829	1.19019
29239	2.70254	1.2372	1.2372	1.1849
29240	2.70966	1.21505	1.21505	1.19757
29241	2.70135	0.74313	0.74313	0.7424
29242	2.61981	0.86348	0.86348	0.88357
29243	2.62451	0.95484	0.95484	1.00995
29244	2.59485	0.69133	0.69133	1.00645
29245	2.59102	0.7663	0.7663	0.69068
29246	2.69438	0.9839	0.9839	1.03189
29247	2.69759	0.92826	0.92826	0.96197
29248	2.69186	1.15954	1.15954	1.27151
29249	2.58145	1.10638	1.10638	1.16098
29250	2.59753	0.89272	0.89272	0.97146
29251	2.59418	0.8588	0.8588	0.97307
29252	2.5702	0.87484	0.87484	0.90226
29253	2.70519	1.09925	1.09925	1.20657
29254	2.7092	1.08311	1.08311	1.20901
29255	2.7089	1.07311	1.07311	1.20202
29256	2.4532	0.86781	0.86781	0.90093
29257	2.76236	0.84022	0.84022	0.87239
29258	2.53607	0.6468	0.6468	0.73705
29259	2.60342	0.77502	0.77502	0.89307
29260	2.53004	0	0	0
29261	2.68631	0.8229	0.8229	0.85214
29262	2.51979	0.80181	0.80181	0.84375
29263	2.51937	0.99038	0.99038	1.14714
29264	2.6362	0.75737	0.75737	0.76454
29265	2.48686	1.14011	1.14011	1.21916
29266	2.49588	1.00582	1.00582	1.06263
29267	2.40729	0	0	0
29268	2.41381	0.87176	0.87176	0.87122
29269	2.47187	0.9121	0.9121	0.93673
29270	2.57094	0	0	0
29271	2.47225	1.08545	1.08545	1.07273
29272	2.35832	0.91253	0.91253	0.94659
29273	2.64688	0.96487	0.96487	1.02719

29274	2.59085	0	0	0.4656
29275	2.5965	0.89604	0.89604	0.99533
29276	2.58985	0.90152	0.90152	1.00319
29277	2.58017	0.99117	0.99117	1.06571
29278	2.55874	1.00738	1.00738	1.07932
29279	2.56187	0.9893	0.9893	1.05949
29280	2.77632	0	0	0
29281	2.76423	0.87006	0.87006	0.96003
29282	2.7606	0.91273	0.91273	1.03
29283	2.40843	0.6804	0.6804	0.94686
29284	2.39921	0.73358	0.73358	0.67909
29285	2.59419	0.91754	0.91754	0.95785
29286	2.68246	0.7453	0.7453	0.7654
29287	2.54871	0.99335	0.99335	1.09876
29288	2.49109	0.82151	0.82151	0.81838
29289	2.5505	0.81177	0.81177	0.82812
29290	2.54748	0.95368	0.95368	1.03414
29291	2.52348	0	0	0
29292	2.41882	0.80834	0.80834	0.81379
29293	2.71042	0	0	0
29294	2.67577	0.52038	0.52038	0.78714
29295	2.38036	0.93921	0.93921	0.98011
29296	2.94905	1.37207	1.37207	1.3194
29297	2.96597	1.37267	1.37267	1.33554
29298	2.98533	1.37365	1.37365	1.34038
29299	2.97454	1.3672	1.3672	1.28894
29300	2.89472	0.90971	0.90971	1.01664
29301	2.40204	0.87815	0.87815	0.88671
29302	2.47792	0	0	0
29303	2.4384	0.80663	0.80663	0.82073
29304	2.6984	0.9289	0.9289	0.96784
29305	2.70282	0.88539	0.88539	0.94313
29306	2.70601	0.39297	0.39297	0.57443
29307	2.78932	0.89653	0.89653	0.95039
29308	2.67706	0.96295	0.96295	1.00199
29309	2.65636	0.88826	0.88826	0.93886
29310	2.70184	0.68764	0.68764	0.84078
29311	2.73042	0.67636	0.67636	0.84366
29312	2.55093	0.97018	0.97018	1.11375
29313	2.61338	0.8146	0.8146	0.893
29314	2.61472	0.8567	0.8567	0.96126

29315	2.6007	0.87644	0.87644	0.96507
29316	2.60974	0.98473	0.98473	1.02632
29317	2.5121	0.89213	0.89213	0.93406
29318	2.50947	0.80867	0.80867	0.81862
29319	2.43066	0.81044	0.81044	0.80404
29320	2.41651	0.86657	0.86657	0.88796
29321	2.41843	0	0	0
29322	2.3494	0.86764	0.86764	0.87884
29323	2.55624	0.75985	0.75985	0.96226
29324	2.55481	0.99706	0.99706	1.10183
29325	2.62487	0.96016	0.96016	1.01308
29326	2.65147	0.8879	0.8879	0.92761
29327	2.65009	0.96261	0.96261	1.03768
29328	2.64845	1.00846	1.00846	1.09896
29329	2.59388	1.05303	1.05303	1.2967
29330	2.58567	1.19834	1.19834	1.33602
29331	2.57234	1.17782	1.17782	1.34126
29332	2.55104	0.84402	0.84402	0.64309
29333	2.43476	0.80676	0.80676	0.84557
29334	2.52133	0.80999	0.80999	0.81884
29335	2.51985	0.90945	0.90945	0.95869
29336	2.6671	0.82357	0.82357	0.85517
29337	2.65648	0.34725	0.34725	0.52075
29338	2.88026	0.81789	0.81789	0.8486
29339	2.6884	0.89155	0.89155	1.09649
29340	2.59189	0.7856	0.7856	0.73937
29341	2.60027	0.99387	0.99387	1.07537
29342	2.72995	1.04057	1.04057	1.13458
29343	2.70553	1.02802	1.02802	1.21252
29344	2.58196	0	0	0
29345	2.51185	0	0	0
29346	2.65722	0	0	0
29347	2.61815	0.85967	0.85967	0.84349
29348	2.59803	0.56614	0.56614	0.76449
29349	2.51317	1.04854	1.04854	1.15714
29350	2.5272	1.05021	1.05021	1.11959
29351	2.52653	1.0602	1.0602	1.12066
29352	2.56804	1.00531	1.00531	1.12831
29353	2.48449	0.75413	0.75413	0.77592
29354	2.48228	0.83826	0.83826	0.87027
29355	2.46027	0.87911	0.87911	0.88587

29356	2.4678	0.74887	0.74887	0.72427
29357	2.89697	1.20934	1.20934	1.39267
29358	2.58298	0.92174	0.92174	1.01345
29359	2.58284	0.89217	0.89217	0.99665
29360	2.67863	0.89889	0.89889	1.01774
29361	2.66858	0.92961	0.92961	1.06193
29362	2.6603	0.98072	0.98072	1.14155
29363	2.32706	0.89106	0.89106	0.92668
29364	2.35	0.86788	0.86788	0.88599
29365	2.4117	0.86442	0.86442	0.88351
29366	2.83378	0	0	0
29367	2.70899	1.11463	1.11463	1.20308
29368	2.35487	0.84838	0.84838	1.01569
29369	2.61059	0.99257	0.99257	1.0685
29370	2.66589	0.81203	0.81203	1.33397
29371	2.52194	0.88315	0.88315	0.89447
29372	2.7456	0.99749	0.99749	1.00472
29373	2.56669	0.96235	0.96235	1.03298
29374	2.51862	0	0	0
29375	2.76134	1.21308	1.21308	1.23291
29376	2.52102	1.07637	1.07637	1.1961
29377	2.62093	0.99084	0.99084	0.95413
29378	2.62251	0.97829	0.97829	0.96592
29379	2.62252	0.86876	0.86876	0.81044
29380	2.36061	0.86447	0.86447	0.87428
29381	2.58157	1.05733	1.05733	1.20769
29382	2.57726	1.0806	1.0806	1.22044
29383	2.47959	0.56002	0.56002	0.84871
29384	2.47884	0.33441	0.33441	0.50249
29385	2.56887	1.03612	1.03612	1.15336
29386	2.56642	1.01154	1.01154	1.13532
29387	2.32423	0.91407	0.91407	0.94036
29388	2.42499	0	0	0
29389	2.47007	0.90799	0.90799	0.95759
29390	2.50945	0	0	0
29391	2.4941	0.7769	0.7769	0.77142
29392	2.4749	0.78152	0.78152	0.74372
29393	2.63741	0.64682	0.64682	0.73241
29394	2.67873	0.91875	0.91875	0.95287
29395	2.59895	0.89102	0.89102	0.90898
29396	2.54841	1.04888	1.04888	1.09508

29397	2.54894	1.03996	1.03996	1.09067
29398	2.549	0.96478	0.96478	1.01976
29399	2.34965	0	0	0
29400	2.34752	0	0	0
29401	2.57022	0	0	0
29402	2.73686	0.72653	0.72653	1.08797
29403	2.8723	1.23765	1.23765	1.41672
29404	2.88431	1.23567	1.23567	1.4272
29405	2.84338	1.20315	1.20315	1.36316
29406	2.62547	0	0	0
29407	2.52975	0	0	0
29408	2.42979	0.25363	0.25363	0.36142
29409	2.46902	0.82431	0.82431	0.81691
29410	2.52264	0.56449	0.56449	0.6776
29411	2.39039	0.85719	0.85719	0.89952
29412	2.56769	0.8297	0.8297	0.83864
29413	2.35645	0.18874	0.18874	0.2743
29414	2.42259	0.83671	0.83671	0.85694
29415	2.42105	0.75052	0.75052	0.76289
29416	2.4211	0.4545	0.4545	0.67667
29417	2.45237	0.90759	0.90759	0.96025
29418	2.62276	0	0	0
29419	2.69849	0.85149	0.85149	0.98948
29420	2.71758	0.69002	0.69002	0.80553
29421	2.40851	0.80559	0.80559	0.80488
29422	2.40807	0.8608	0.8608	0.88172
29423	2.71138	0.7965	0.7965	0.80197
29424	2.70537	0.729	0.729	0.72414
29425	2.38425	0.80801	0.80801	0.80544
29426	2.41142	1.0269	1.0269	1.1332
29427	2.41145	0.91602	0.91602	0.96559
29428	2.48088	0	0	0
29429	2.47992	1.09151	1.09151	1.17022
29430	2.46672	1.09521	1.09521	1.16305
29431	2.45996	1.10092	1.10092	1.17155
29432	2.41988	0.51784	0.51784	0.7558
29433	2.41953	0.26993	0.26993	0.39384
29434	2.40517	0.83636	0.83636	0.92228
29435	2.40535	0.63436	0.63436	0.80982
29436	2.5134	0	0	0
29437	2.58037	0.81424	0.81424	0.75045

29438	2.63293	1.00435	1.00435	1.12165
29439	2.62819	1.05573	1.05573	1.18779
29440	2.6238	1.06717	1.06717	1.19574
29441	2.53068	0.63343	0.63343	0.81285
29442	2.43871	0	0	0
29443	2.55968	0.61102	0.61102	1.12973
29444	2.72249	1.1023	1.1023	1.24685
29445	2.64738	0.73167	0.73167	0.85601
29446	2.58794	0.84785	0.84785	0.89655
29447	2.56412	0.87708	0.87708	1.20554
29448	2.72116	1.16695	1.16695	1.28117
29449	2.73021	1.16997	1.16997	1.33737
29450	2.70132	1.06242	1.06242	1.17332
29451	2.45068	0.97553	0.97553	1.02996
29452	2.45637	1.18236	1.18236	1.1725
29453	2.49324	0	0	0
29454	2.64418	0.96859	0.96859	0.95627
29455	2.57913	0	0	0
29456	2.59841	1.00403	1.00403	1.13455
29457	2.39027	0.46309	0.46309	0.69534
29458	2.35979	0.95636	0.95636	1.0394
29459	2.362	0.7528	0.7528	0.76564
29460	2.43286	0	0	0
29461	2.43901	0.74512	0.74512	0.77459
29462	2.51419	1.05812	1.05812	1.14866
29463	2.53053	1.06346	1.06346	1.15898
29464	2.55859	0.97935	0.97935	1.05874
29465	2.60148	0.72742	0.72742	0.91575
29466	2.60593	0.82641	0.82641	0.83637
29467	2.39935	0.87692	0.87692	0.92249
29468	2.39939	0.94532	0.94532	1.00954
29469	2.38375	0.36782	0.36782	0.51428
29470	2.3623	0.31229	0.31229	0.44085
29471	2.48979	0.74981	0.74981	0.84721
29472	2.48877	0.83111	0.83111	0.89343
29473	2.48652	0.40342	0.40342	0.57183
29474	2.92877	0	0	0
29475	2.88282	0.98025	0.98025	1.10942
29476	2.87965	1.13114	1.13114	1.22863
29477	2.72491	0.67925	0.67925	0.85442
29478	2.78463	1.00618	1.00618	1.09144

29479	2.72805	0.56727	0.56727	0.79576
29480	2.77775	0.1436	0.1436	0.26788
29481	2.70108	0.89567	0.89567	0.91662
29482	2.72039	0.86135	0.86135	0.82776
29483	2.43443	1.02123	1.02123	1.19903
29484	2.43695	1.00745	1.00745	1.19436
29485	2.43626	0.99541	0.99541	1.19232
29486	2.66503	1.21317	1.21317	1.26645
29487	2.65774	1.21163	1.21163	1.26758
29488	2.6512	1.2048	1.2048	1.26252
29489	2.65193	1.20159	1.20159	1.26281
29490	2.47555	0	0	0
29491	2.36234	0.85483	0.85483	0.87432
29492	2.66433	1.16471	1.16471	1.29098
29493	2.66557	1.16157	1.16157	1.291
29494	2.54048	0.76711	0.76711	0.88754
29495	2.45399	0.82378	0.82378	0.81015
29496	2.53208	0	0	0
29497	2.44685	0.75528	0.75528	0.75675
29498	2.44835	0.88399	0.88399	0.95084
29499	2.52212	0.90119	0.90119	0.96595
29500	2.77207	1.07266	1.07266	1.27536
29501	2.60441	0.76603	0.76603	0.90547
29502	2.60502	0.60258	0.60258	0.91338
29503	2.67404	1.24788	1.24788	1.20304
29504	2.62288	0.91674	0.91674	0.92535
29505	2.78414	1.26874	1.26874	1.1268
29506	2.45691	1.00921	1.00921	1.10906
29507	2.45792	0.97447	0.97447	1.0902
29508	2.41364	0	0	0
29509	2.53072	0.99718	0.99718	1.09427
29510	2.31872	0.98846	0.98846	1.06185
29511	2.66873	0	0	0
29512	2.5193	0.84116	0.84116	0.85648
29513	2.59206	0.74925	0.74925	0.66617
29514	2.63052	1.00868	1.00868	1.09962
29515	2.62374	0.99409	0.99409	1.09056
29516	2.60988	0.94869	0.94869	1.01364
29517	2.63805	0.77912	0.77912	0.81103
29518	2.60393	0.87378	0.87378	1.10501
29519	2.44447	1.0106	1.0106	1.14992

29520	2.44735	1.0788	1.0788	1.17315
29521	2.5004	1.26591	1.26591	1.1802
29522	2.49316	1.26922	1.26922	1.18751
29523	2.48657	1.26923	1.26923	1.15604
29524	2.57748	0.87644	0.87644	0.90196
29525	2.65078	0.96884	0.96884	1.17224
29526	2.62492	0.95605	0.95605	1.09287
29527	2.54204	1.05158	1.05158	1.09663
29528	2.38051	0	0	0
29529	2.47309	0	0	0
29530	2.53898	0.41581	0.41581	0.61264
29531	2.58095	1.09435	1.09435	1.16638
29532	2.48034	0.74765	0.74765	0.84146
29533	2.58388	0.76209	0.76209	0.68815
29534	2.5999	1.2469	1.2469	1.33803
29535	2.59661	1.25355	1.25355	1.3297
29536	2.45752	1.15266	1.15266	1.25126
29537	2.35147	0.7462	0.7462	0.7766
29538	2.45648	0.82491	0.82491	0.82307
29539	2.79806	1.1612	1.1612	1.26018
29540	2.8088	1.16123	1.16123	1.29806
29541	2.8059	1.05965	1.05965	1.2106
29542	2.45894	0.80221	0.80221	0.79173
29543	2.85897	1.01599	1.01599	1.15407
29544	2.85541	0.97841	0.97841	1.12934
29545	2.45618	0.47042	0.47042	0.70095
29546	2.33941	0	0	0
29547	2.67336	0.92621	0.92621	1.08238
29548	2.67721	0.90612	0.90612	1.08733
29549	2.57591	0.84778	0.84778	0.88676
29550	2.57261	0.8118	0.8118	0.84399
29551	2.82949	0.51427	0.51427	0.72027
29552	2.92929	1.21865	1.21865	1.35874
29553	2.9051	1.19811	1.19811	1.35069
29554	2.49941	0.79893	0.79893	0.7989
29555	2.49208	0.81908	0.81908	0.82024
29556	2.4854	0.58444	0.58444	0.81948
29557	2.72812	1.00445	1.00445	1.13517
29558	2.73082	1.04507	1.04507	1.18426
29559	2.72695	1.04976	1.04976	1.10654
29560	2.6584	1.0412	1.0412	1.14738

29561	2.57577	0.66882	0.66882	1.00595
29562	2.52899	0.97265	0.97265	1.04514
29563	2.33195	0.41558	0.41558	0.63585
29564	2.37733	1.1706	1.1706	1.12515
29565	2.39429	1.1696	1.1696	1.15726
29566	2.6973	0.91139	0.91139	0.99044
29567	2.69709	0.87903	0.87903	0.94389
29568	2.54276	0.8857	0.8857	0.91852
29569	2.48581	0.28236	0.28236	0.42806
29570	2.35125	1.02625	1.02625	1.07496
29571	2.4904	0	0	0
29572	2.54779	0.8311	0.8311	0.83398
29573	2.62603	1.02608	1.02608	1.11223
29574	2.63528	1.01907	1.01907	1.11245
29575	2.39186	0.86201	0.86201	0.89683
29576	2.49129	0.81076	0.81076	0.82282
29577	2.76227	1.30975	1.30975	1.2043
29578	2.69224	1.0336	1.0336	1.14987
29579	2.69307	1.12407	1.12407	1.19164
29580	2.63844	1.13258	1.13258	1.2577
29581	2.65356	1.14805	1.14805	1.2655
29582	2.66648	1.15142	1.15142	1.26644
29583	2.49007	0.81125	0.81125	0.84786
29584	2.66304	1.04132	1.04132	1.18581
29585	2.72795	1.30538	1.30538	1.18878
29586	2.71673	1.30882	1.30882	1.13865
29587	2.63461	1.12281	1.12281	1.2387
29588	2.39498	0.82174	0.82174	0.80125
29589	2.41373	0.93744	0.93744	0.90382
29590	2.44546	1.14863	1.14863	1.24655
29591	2.68723	0.74985	0.74985	0.68523
29592	2.68515	0.65307	0.65307	0.89208
29593	2.71277	0.6798	0.6798	0.91669
29594	2.73315	0	0	0
29595	2.52047	0.82487	0.82487	0.82379
29596	2.5204	0.91224	0.91224	0.9334
29597	2.48791	0.92646	0.92646	0.97837
29598	2.48596	0.78675	0.78675	0.86347
29599	2.62939	0.91001	0.91001	1.02733
29600	2.63286	1.02798	1.02798	1.23985
29601	2.63062	1.03484	1.03484	1.24947

29602	2.39107	0.88989	0.88989	0.9845
29603	2.84796	1.35265	1.35265	1.2961
29604	2.52176	1.02889	1.02889	1.09018
29605	2.52088	1.03421	1.03421	1.09668
29606	2.52123	1.04832	1.04832	1.11414
29607	2.82789	0.31378	0.31378	0.46635
29608	2.8266	0.34285	0.34285	0.61807
29609	2.5065	0.90158	0.90158	1.00275
29610	2.44128	0.79248	0.79248	1.04812
29611	2.47485	0.8757	0.8757	0.89413
29612	2.46549	0.91109	0.91109	0.93854
29613	2.46113	0.80287	0.80287	1.05478
29614	2.55526	0.89798	0.89798	0.93016
29615	2.55591	0.84798	0.84798	0.9191
29616	2.46771	0.81111	0.81111	0.81477
29617	2.37828	0.66094	0.66094	0.99684
29618	2.40814	1.04618	1.04618	1.09462
29619	2.44697	1.04438	1.04438	1.17514
29620	2.52749	0.82992	0.82992	0.83716
29621	2.3898	0	0	0
29622	2.83557	0.64762	0.64762	0.81368
29623	2.83417	0.56681	0.56681	0.7768
29624	2.59803	0.61219	0.61219	0.80642
29625	2.59317	0.87799	0.87799	0.91251
29626	2.59284	0.89969	0.89969	0.83235
29627	2.66115	0.83182	0.83182	1.14845
29628	2.66573	0.90412	0.90412	1.15125
29629	2.4251	0.95486	0.95486	1.01472
29630	2.65797	1.03684	1.03684	1.18427
29631	2.66306	1.03952	1.03952	1.18296
29632	2.32392	1.07044	1.07044	1.1
29633	2.3794	0	0	0
29634	2.88919	0.72693	0.72693	0.82379
29635	2.86131	0.94698	0.94698	0.93218
29636	2.8701	0.84738	0.84738	0.88699
29637	2.58442	0.82727	0.82727	0.84859
29638	2.60173	0.89847	0.89847	0.93645
29639	2.32051	0.80981	0.80981	0.77673
29640	2.44794	0.9333	0.9333	1.17919
29641	2.49894	0	0	0
29642	2.64762	0.81574	0.81574	0.84706

29643	2.72886	0.82632	0.82632	0.84876
29644	2.72642	0.85901	0.85901	0.89501
29645	2.49176	0.88159	0.88159	0.92301
29646	2.49271	0.81129	0.81129	0.82873
29647	2.53307	0.97134	0.97134	0.96285
29648	2.55178	1.00881	1.00881	1.16144
29649	2.45004	0	0	0
29650	2.7013	1.00723	1.00723	1.13738
29651	2.61577	0.81941	0.81941	0.86303
29652	2.61082	0.89502	0.89502	0.98144
29653	2.53367	0.69004	0.69004	0.77754
29654	2.61303	0.83721	0.83721	1.17324
29655	2.71642	1.01648	1.01648	1.30246
29656	2.47377	0	0	0
29657	2.43183	0.69768	0.69768	0.90475
29658	2.46309	0	0	0
29659	2.46117	0.75125	0.75125	0.72912
29660	2.34651	0.25586	0.25586	0.36368
29661	2.43621	0.87029	0.87029	0.84595
29662	2.57189	0.81464	0.81464	0.84621
29663	2.54292	1.04602	1.04602	1.09894
29664	2.41928	0	0	0
29665	2.46401	1.05016	1.05016	1.142
29666	2.63948	0.92224	0.92224	0.97826
29667	2.25538	0.9076	0.9076	0.92291
29668	2.47964	0.75673	0.75673	0.73192
29669	2.45809	0.9329	0.9329	1.21656
29670	2.44026	0	0	0
29671	2.4571	0.75292	0.75292	1.04422
29672	2.6385	0	0	0
29673	2.51797	0.80438	0.80438	0.82065
29674	2.6308	0.54364	0.54364	0.78987
29675	2.88632	0.94697	0.94697	1.11733
29676	2.88081	0.97194	0.97194	1.15839
29677	2.65091	0.4657	0.4657	0.78372
29678	2.29724	0.85354	0.85354	0.87055
29679	2.49327	0.54821	0.54821	0.90847
29680	2.49216	0.74781	0.74781	0.80748
29681	2.49096	0.80034	0.80034	0.83814
29682	2.28061	0.92304	0.92304	0.91562
29683	2.5172	0	0	0

29684	2.49999	0.91429	0.91429	0.94925
29685	2.54138	0.76603	0.76603	0.79071
29686	2.4993	0.99072	0.99072	1.06858
29687	2.57418	0.88503	0.88503	1.02678
29688	2.53513	0.38421	0.38421	0.42029
29689	2.46804	1.21842	1.21842	1.19107
29690	2.68544	0.91129	0.91129	1.11854
29691	2.68694	1.06664	1.06664	1.10449
29692	2.50167	0.94648	0.94648	0.95134
29693	2.16305	0	0	0
29694	2.53648	0.89919	0.89919	0.95896
29695	2.53623	0	0	0
29696	2.18708	0.92819	0.92819	0.92972
29697	2.18798	0.78149	0.78149	0.72841
29698	2.40445	1.02736	1.02736	1.18852
29699	2.79799	1.23519	1.23519	1.29142
29700	2.79682	1.23703	1.23703	1.29234
29701	2.4843	0.8621	0.8621	0.86606
29702	2.48457	0.83916	0.83916	0.8372
29703	2.48441	0.80676	0.80676	0.79651
29704	2.48428	0.75155	0.75155	0.72724
29705	2.48625	0	0	0
29706	2.44402	0.91604	0.91604	0.88257
29707	2.45416	0.90557	0.90557	0.87094
29708	2.48383	0.89442	0.89442	0.93902
29709	2.90283	1.25943	1.25943	1.36885
29710	2.9183	1.26031	1.26031	1.41639
29711	2.68895	0.92436	0.92436	0.95722
29712	2.67465	0.83932	0.83932	0.82107
29713	2.67522	0.35676	0.35676	0.4533
29714	2.7788	0.94821	0.94821	0.94387
29715	2.661	0.89485	0.89485	0.90294
29716	2.48961	0.88622	0.88622	0.91106
29717	2.49048	0	0	0
29718	2.82928	0.92411	0.92411	1.03612
29719	2.8166	0.98789	0.98789	1.12697
29720	2.81704	1.00202	1.00202	1.13399
29721	2.81963	1.14066	1.14066	1.34876
29722	2.49151	0.50194	0.50194	0.7533
29723	2.55302	1.08514	1.08514	1.18329
29724	2.5556	1.04412	1.04412	1.12525

29725	2.55603	0.88379	0.88379	0.92068
29726	2.56937	0	0	0
29727	2.36874	0.2999	0.2999	0.55879
29728	2.64412	0.72242	0.72242	0.99184
29729	2.40788	0	0	0
29730	2.35414	1.09816	1.09816	1.21121
29731	2.65548	0.87447	0.87447	1.20199
29732	2.25863	0.88946	0.88946	0.87915
29733	2.58154	0.91385	0.91385	1.17178
29734	2.34301	0.907	0.907	0.98226
29735	2.40296	0	0	0
29736	2.68208	1.05862	1.05862	1.08407
29737	2.68441	1.0679	1.0679	1.10323
29738	2.69268	1.20302	1.20302	1.20691
29739	2.6958	1.20355	1.20355	1.2095
29740	2.69935	1.20538	1.20538	1.21249
29741	2.69881	1.23748	1.23748	1.23011
29742	2.70175	1.23993	1.23993	1.23422
29743	2.70528	1.24016	1.24016	1.23481
29744	2.80208	0.55717	0.55717	0.79339
29745	2.77089	1.35388	1.35388	1.19315
29746	2.78515	1.35503	1.35503	1.18999
29747	2.47592	0.87542	0.87542	0.83738
29748	2.95754	0.7559	0.7559	0.72825
29749	2.95466	1.25747	1.25747	1.32082
29750	3.02859	1.30198	1.30198	1.43145
29751	3.02748	1.30258	1.30258	1.43093
29752	3.02475	1.30257	1.30257	1.42453
29753	2.27366	0.89915	0.89915	0.87773
29754	2.45115	0.91177	0.91177	1.01516
29755	2.49992	1.0588	1.0588	1.12875
29756	2.5026	1.06687	1.06687	1.14135
29757	2.62509	0	0	0
29758	2.65962	1.01543	1.01543	1.20889
29759	2.40149	0.74523	0.74523	0.73108
29760	2.61815	0.58888	0.58888	0.95382
29761	2.77022	0.94558	0.94558	1.03317
29762	2.77866	1.10385	1.10385	1.26015
29763	2.76625	1.09446	1.09446	1.18311
29764	2.58804	1.12028	1.12028	1.18379
29765	2.53342	0.86975	0.86975	0.90885

29766	2.51399	0.30216	0.30216	0.74165
29767	2.6292	0.94877	0.94877	1.00076
29768	2.7452	0.86017	0.86017	0.97026
29769	2.54822	0.83	0.83	0.83939
29770	2.44237	0.17709	0.17709	0.25984
29771	2.44097	1.0067	1.0067	1.07093
29772	2.72025	0.77466	0.77466	0.7688
29773	2.63535	0	0	0
29774	2.64789	0.82841	0.82841	0.82553
29775	2.40627	0.86222	0.86222	0.86541
29776	2.68575	1.08178	1.08178	1.3195
29777	2.68311	1.081	1.081	1.32118
29778	2.34986	0.89995	0.89995	0.9854
29779	2.69256	1.19798	1.19798	1.28653
29780	2.65457	0.97856	0.97856	1.05141
29781	2.59908	0.92855	0.92855	1.03945
29782	2.85735	0.81953	0.81953	0.89144
29783	2.85743	0.9061	0.9061	1.0243
29784	2.8432	0.92849	0.92849	1.01718
29785	2.63118	0.83577	0.83577	0.84929
29786	2.79662	0.89421	0.89421	1.06485
29787	2.50326	1.02166	1.02166	1.0798
29788	2.62776	1.07746	1.07746	1.14818
29789	2.45229	0	0	0
29790	2.43426	0.22855	0.22855	0.35192
29791	2.60614	1.09267	1.09267	1.18236
29792	2.60888	1.0874	1.0874	1.18331
29793	2.33643	0	0	0
29794	2.56609	1.11339	1.11339	1.18755
29795	2.57415	1.07763	1.07763	1.14391
29796	2.443	0.80818	0.80818	0.80419
29797	2.50179	0.15813	0.15813	0.22459
29798	2.56453	0.83268	0.83268	0.83579
29799	2.67002	0.97735	0.97735	1.08902
29800	2.67243	0.99746	0.99746	1.11974
29801	2.65228	0.91576	0.91576	0.99499
29802	2.65833	1.07518	1.07518	1.17562
29803	2.61722	1.09157	1.09157	1.17703
29804	2.36627	1.10092	1.10092	1.22373
29805	2.43359	0.80654	0.80654	0.80883
29806	2.41186	0.85628	0.85628	0.91179

29807	2.5307	0.94055	0.94055	1.03922
29808	2.56105	0.9973	0.9973	1.00072
29809	2.86041	1.3048	1.3048	1.29755
29810	2.3738	0.80882	0.80882	0.78741
29811	2.45991	0.92397	0.92397	0.97434
29812	2.3983	0.30286	0.30286	0.4432
29813	2.44481	1.02961	1.02961	1.03113
29814	2.49993	0	0	0
29815	2.82957	1.24123	1.24123	1.29282
29816	2.55772	0.98864	0.98864	1.03579
29817	2.50247	0.94346	0.94346	1.00189
29818	2.54286	0.9458	0.9458	1.03499
29819	2.43954	0	0	0
29820	2.39609	0.86166	0.86166	0.87622
29821	2.71978	1.01353	1.01353	0.97794
29822	2.72113	1.02581	1.02581	0.98468
29823	2.72282	1.05427	1.05427	1.05929
29824	2.75015	0.3025	0.3025	0.40618
29825	2.4662	1.07999	1.07999	1.13384
29826	2.64543	1.10524	1.10524	1.23807
29827	2.75061	1.09035	1.09035	1.16425
29828	2.76566	1.17184	1.17184	1.3552
29829	2.86262	1.31473	1.31473	1.36452
29830	2.88159	1.31607	1.31607	1.35392
29831	2.87634	1.31597	1.31597	1.33169
29832	2.88163	1.3738	1.3738	1.2817
29833	2.86964	1.37733	1.37733	1.29869
29834	2.8686	1.37859	1.37859	1.31074
29835	2.90014	1.38487	1.38487	1.32561
29836	2.90453	1.3849	1.3849	1.32001
29837	2.78922	0.78132	0.78132	1.0106
29838	2.59778	0.84606	0.84606	0.62313
29839	2.60488	0.90853	0.90853	0.89834
29840	2.71943	0.93537	0.93537	0.72627
29841	2.75346	0.85016	0.85016	0.8564
29842	2.69834	0.89464	0.89464	0.94268
29843	2.69877	0.99743	0.99743	1.08862
29844	2.689	0.86123	0.86123	1.06053
29845	2.69292	1.14208	1.14208	1.26846
29846	2.74197	1.08583	1.08583	1.22558
29847	2.74279	1.03597	1.03597	1.14214

29848	2.71543	0.94231	0.94231	1.014
29849	2.51697	0	0	0
29850	2.5926	0.81618	0.81618	0.82901
29851	2.59243	0.86389	0.86389	0.84235
29852	2.60892	0.8961	0.8961	0.88164
29853	2.6296	0.93851	0.93851	1.04754
29854	2.72274	0	0	0
29855	2.57646	0.82411	0.82411	0.83461
29856	2.40821	0.9075	0.9075	0.94157
29857	2.58089	0.88834	0.88834	0.89924
29858	2.42711	1.01881	1.01881	1.01333
29859	2.29055	0.7999	0.7999	0.77769
29860	2.50982	0.8285	0.8285	0.82736
29861	2.51121	0.91783	0.91783	0.95813
29862	2.485	0.95148	0.95148	1.18664
29863	2.52686	1.09899	1.09899	1.097
29864	2.40182	0.51351	0.51351	0.75277
29865	2.3705	0.95281	0.95281	0.98595
29866	2.3726	0.92217	0.92217	0.9395
29867	2.56963	1.10395	1.10395	1.20045
29868	2.54656	1.11061	1.11061	1.19655
29869	2.57915	0.76705	0.76705	0.80515
29870	2.57997	1.0892	1.0892	1.09137
29871	2.53371	0.80492	0.80492	0.84477
29872	2.48339	0.92534	0.92534	0.94513
29873	2.47568	0.89755	0.89755	0.97205
29874	2.55464	0.82575	0.82575	0.81002
29875	2.54061	0.4025	0.4025	0.63558
29876	2.65123	1.22416	1.22416	1.30051
29877	2.85936	1.13931	1.13931	1.14615
29878	2.85723	1.29528	1.29528	1.1673
29879	2.8212	1.2959	1.2959	1.23186
29880	2.82415	1.29323	1.29323	1.22045
29881	2.82728	1.28527	1.28527	1.23466
29882	2.79247	1.05491	1.05491	1.09735
29883	2.7929	0.99188	0.99188	1.01473
29884	2.79346	0.83698	0.83698	0.83767
29885	2.60148	0.81534	0.81534	0.84646
29886	2.49378	0.93078	0.93078	1.15941
29887	2.47367	0	0	0
29888	2.80746	0.89612	0.89612	0.95365

29889	2.80917	0.86467	0.86467	1.19432
29890	2.83739	1.15745	1.15745	1.28141
29891	2.83731	1.15568	1.15568	1.28049
29892	2.73113	0.66964	0.66964	1.07609
29893	2.34072	0.99323	0.99323	1.18791
29894	2.53921	0.96011	0.96011	1.04072
29895	2.54334	0.94498	0.94498	1.0215
29896	2.60481	0.66065	0.66065	0.78329
29897	2.89563	0.94107	0.94107	1.02703
29898	2.89513	1.03614	1.03614	1.16418
29899	2.38869	0	0	0
29900	2.43352	0.94733	0.94733	0.98934
29901	2.49802	0.94265	0.94265	1.01971
29902	2.56028	1.08221	1.08221	1.25278
29903	2.54717	0.96011	0.96011	1.22703
29904	2.54444	0.96965	0.96965	1.11874
29905	2.5401	0.98342	0.98342	1.09693
29906	2.49642	0.21363	0.21363	0.29694
29907	2.5237	0.98978	0.98978	1.04691
29908	2.51811	0.79894	0.79894	0.83332
29909	2.29159	0.8311	0.8311	0.82368
29910	2.45452	0	0	0
29911	2.65414	1.02204	1.02204	1.27096
29912	2.41747	0	0	0
29913	2.48453	0.92566	0.92566	1.03607
29914	2.50744	0	0	0
29915	2.39	0.99636	0.99636	1.04907
29916	2.39583	0.94537	0.94537	0.98745
29917	2.6102	0.75435	0.75435	0.67194
29918	2.51533	0.81852	0.81852	0.83293
29919	2.46265	0	0	0
29920	2.54476	0.88939	0.88939	0.925
29921	2.60981	0.91128	0.91128	1.19488
29922	2.45049	0	0	0
29923	2.56601	0.90285	0.90285	0.9517
29924	2.56412	0.98227	0.98227	1.06482
29925	2.47614	0.40503	0.40503	0.59335
29926	2.2812	0.91606	0.91606	0.92463
29927	2.38752	0.89287	0.89287	0.89632
29928	2.38872	0.80646	0.80646	0.78178
29929	2.6328	1.01899	1.01899	1.13966

29930	2.62835	1.03951	1.03951	1.16967
29931	2.56342	0.48335	0.48335	0.71929
29932	2.47783	0	0	0
29933	2.65552	0.90058	0.90058	0.86707
29934	2.70364	1.36873	1.36873	1.23295
29935	2.49241	0.60445	0.60445	0.82508
29936	2.59265	0.74486	0.74486	0.64879
29937	2.61827	0.73075	0.73075	0.94945
29938	2.34983	0.81493	0.81493	0.78847
29939	2.55348	0	0	0
29940	2.47738	0.90131	0.90131	0.92482
29941	2.71171	1.10701	1.10701	1.24105
29942	2.6977	1.11175	1.11175	1.23255
29943	2.7303	1.11549	1.11549	1.24322
29944	2.72987	0.52065	0.52065	0.73044
29945	2.74203	0.84882	0.84882	0.82983
29946	2.42478	0.90024	0.90024	0.99754
29947	2.4467	0.91716	0.91716	0.96582
29948	2.272	0.7407	0.7407	0.7034
29949	2.5106	1.01122	1.01122	1.10587
29950	2.5095	1.04623	1.04623	1.15752
29951	2.64232	0.91272	0.91272	0.95325
29952	2.64553	0.63353	0.63353	0.84197
29953	2.38521	1.10516	1.10516	1.16876
29954	2.4869	0.93449	0.93449	0.98231
29955	2.27457	0.79702	0.79702	0.77246
29956	2.34955	0.81169	0.81169	0.83114
29957	2.30616	1.03515	1.03515	1.10857
29958	2.31285	0.99279	0.99279	1.05078
29959	2.53916	0.56369	0.56369	0.68721
29960	2.38762	0.82451	0.82451	0.84263
29961	2.52214	0.85934	0.85934	0.86126
29962	2.516	0.74013	0.74013	0.72325
29963	2.56244	0.8351	0.8351	1.02873
29964	2.55381	0	0	0
29965	2.67667	0.58484	0.58484	0.71169
29966	2.65808	0.89459	0.89459	1.13274
29967	2.79948	1.04137	1.04137	1.09863
29968	2.74274	1.04342	1.04342	1.08613
29969	2.74289	1.04547	1.04547	1.09566
29970	2.74852	1.06873	1.06873	1.16557

29971	2.73805	1.09345	1.09345	1.13276
29972	2.40472	1.09225	1.09225	1.16343
29973	2.40078	1.10474	1.10474	1.17962
29974	2.40486	0	0	0
29975	2.64069	0.8307	0.8307	0.8374
29976	2.49687	0.8376	0.8376	0.96295
29977	2.50614	0.96577	0.96577	1.04929
29978	2.48973	1.00002	1.00002	1.08602
29979	2.57967	1.00713	1.00713	1.1298
29980	2.57628	1.01364	1.01364	1.13346
29981	2.57546	1.08046	1.08046	1.20999
29982	2.58741	0.85586	0.85586	0.96375
29983	2.32543	0.85384	0.85384	0.87513
29984	2.32256	0.89262	0.89262	0.96439
29985	2.32094	0.8534	0.8534	0.87186
29986	2.39245	0	0	0
29987	2.53006	0.90374	0.90374	0.96022
29988	2.58037	1.06998	1.06998	1.14142
29989	2.57224	1.12483	1.12483	1.207
29990	2.56967	1.13136	1.13136	1.21535
29991	2.57189	1.13549	1.13549	1.21485
29992	2.57179	0.96978	0.96978	1.08624
29993	2.67892	0.83523	0.83523	0.81329
29994	2.71973	1.21976	1.21976	1.22435
29995	2.69804	1.22017	1.22017	1.21898
29996	2.70905	1.21941	1.21941	1.20708
29997	2.72454	0.69848	0.69848	0.73421
29998	2.75884	0.83751	0.83751	0.86484
29999	2.45759	0.38565	0.38565	0.63801
30000	2.45505	0.74105	0.74105	0.77151
30001	2.60602	0.81474	0.81474	0.84113
30002	2.58382	1.1183	1.1183	1.22082
30003	2.40532	0.98907	0.98907	1.0482
30004	2.40361	0.83865	0.83865	0.85255
30005	2.5458	0.81833	0.81833	0.82573
30006	2.48741	0.95932	0.95932	1.06317
30007	2.493	0.99247	0.99247	1.10146
30008	2.4422	0.86418	0.86418	0.8898
30009	2.45003	0	0	0
30010	2.57813	0.91855	0.91855	0.95996
30011	2.29319	0.30995	0.30995	0.58234

30012	2.29389	0.87616	0.87616	0.91599
30013	2.6567	0.83394	0.83394	0.84191
30014	2.42991	0.63731	0.63731	0.92375
30015	2.53765	0	0	0
30016	2.67126	1.0226	1.0226	1.256
30017	2.49776	1.26196	1.26196	1.18117
30018	2.67271	1.12032	1.12032	1.21645
30019	2.44865	0.8156	0.8156	0.74994
30020	2.48002	0	0	0
30021	2.68575	0.82134	0.82134	0.83325
30022	2.43009	0.85819	0.85819	0.87493
30023	2.43074	0.74857	0.74857	0.80403
30024	2.52819	0.95693	0.95693	1.01113
30025	2.62733	0.91104	0.91104	0.93965
30026	2.31722	0	0	0
30027	2.31825	0	0	0
30028	2.6652	1.09137	1.09137	1.17824
30029	2.66929	1.09411	1.09411	1.17744
30030	2.89075	0.76698	0.76698	0.74287
30031	3.06279	1.45428	1.45428	1.40771
30032	3.05961	1.45433	1.45433	1.40762
30033	3.05395	1.45421	1.45421	1.38749
30034	3.05415	1.45425	1.45425	1.38614
30035	3.07748	1.45723	1.45723	1.43814
30036	3.07757	1.45746	1.45746	1.43832
30037	3.09684	1.46482	1.46482	1.43752
30038	3.10346	1.46476	1.46476	1.43632
30039	3.10948	1.46523	1.46523	1.43774
30040	3.08997	1.46491	1.46491	1.39932
30041	3.09482	1.46492	1.46492	1.39927
30042	3.0978	1.46512	1.46512	1.38708
30043	3.10761	1.46462	1.46462	1.38305
30044	3.10972	1.46485	1.46485	1.38485
30045	3.11842	1.46506	1.46506	1.4054
30046	3.15184	1.46578	1.46578	1.42423
30047	3.18208	1.46566	1.46566	1.44408
30048	3.18828	1.46564	1.46564	1.45826
30049	3.18592	1.4656	1.4656	1.45478
30050	3.19889	1.46593	1.46593	1.45968
30051	3.20158	1.46584	1.46584	1.45902
30052	3.20819	1.46581	1.46581	1.46383

30053	3.23917	1.46558	1.46558	1.46777
30054	3.24067	1.46645	1.46645	1.42382
30055	3.23109	1.46817	1.46817	1.4553
30056	3.17602	1.4671	1.4671	1.39736
30057	3.17334	1.4671	1.4671	1.39532
30058	3.18527	1.46904	1.46904	1.42957
30059	3.00636	1.12328	1.12328	1.35358
30060	2.98817	1.16613	1.16613	1.40785
30061	2.68467	0.53751	0.53751	0.87563
30062	2.50951	0.92602	0.92602	0.95827
30063	2.62629	0	0	0
30064	2.75719	0.59063	0.59063	0.88888
30065	2.75553	0.77254	0.77254	0.95829
30066	2.75737	0.87514	0.87514	1.01238
30067	2.75236	0.88968	0.88968	0.95248
30068	2.43324	0.90441	0.90441	0.96607
30069	2.42461	0.9491	0.9491	1.0387
30070	2.76571	0.84625	0.84625	0.84709
30071	2.74246	1.26668	1.26668	1.21337
30072	2.69191	1.12984	1.12984	1.14328
30073	2.68885	0.83621	0.83621	0.68471
30074	2.66491	0.87664	0.87664	0.9618
30075	2.65847	0.98537	0.98537	1.14227
30076	2.62375	0.99419	0.99419	1.13351
30077	2.29711	0.80384	0.80384	0.77837
30078	2.39906	0.81847	0.81847	0.8023
30079	2.57186	0	0	0
30080	2.51331	0.32716	0.32716	0.48047
30081	2.53794	1.14642	1.14642	1.25897
30082	2.54197	1.1452	1.1452	1.2766
30083	2.53519	1.10585	1.10585	1.22382
30084	2.53645	1.10128	1.10128	1.21744
30085	2.813	1.26117	1.26117	1.27959
30086	2.8208	1.18599	1.18599	1.27061
30087	2.80257	1.18147	1.18147	1.2634
30088	2.66629	0.98067	0.98067	1.13824
30089	2.66022	1.02345	1.02345	1.21254
30090	2.38069	0.90853	0.90853	0.92283
30091	2.79863	0.90896	0.90896	1.11051
30092	2.58904	0.8782	0.8782	0.97953
30093	2.40267	0	0	0

30094	2.34422	1.01502	1.01502	0.99639
30095	2.54616	0.82039	0.82039	0.92547
30096	2.34326	0.88202	0.88202	0.91204
30097	2.39245	0	0	0
30098	2.3305	0.78283	0.78283	0.78428
30099	2.4248	0	0	0
30100	2.56787	0.91824	0.91824	1.03048
30101	2.61876	0.40434	0.40434	0.53498
30102	2.6258	0.92714	0.92714	0.86039
30103	2.62419	0.91861	0.91861	0.87958
30104	2.63375	0.91096	0.91096	0.96248
30105	2.62349	0.86777	0.86777	0.91741
30106	2.50355	0.80397	0.80397	0.8221
30107	2.69438	0.97352	0.97352	1.08464
30108	2.70658	0.96083	0.96083	1.07365
30109	2.54598	0.19147	0.19147	0.61906
30110	2.69653	1.0497	1.0497	1.23426
30111	2.83264	1.14398	1.14398	1.29001
30112	2.74262	1.14417	1.14417	1.32875
30113	2.74071	1.12313	1.12313	1.29977
30114	2.74686	1.12113	1.12113	1.30676
30115	2.32497	0.91505	0.91505	0.97124
30116	2.32226	0.9556	0.9556	1.04386
30117	2.31642	0.49516	0.49516	0.83806
30118	2.32994	0.92744	0.92744	0.94925
30119	2.3482	1.08123	1.08123	1.20547
30120	2.34021	1.03759	1.03759	1.1932
30121	2.5395	0.87219	0.87219	0.92312
30122	2.6186	0	0	0
30123	2.76315	0	0	0
30124	2.55069	0.51743	0.51743	0.7021
30125	2.90241	1.26417	1.26417	1.35331
30126	2.8918	1.25474	1.25474	1.33046
30127	2.69719	1.25298	1.25298	1.2675
30128	2.60505	0	0	0
30129	2.62065	0.84522	0.84522	0.88548
30130	2.46226	0.80957	0.80957	0.82639
30131	2.4543	0.05595	0.05595	0.08256
30132	2.43504	0	0	0
30133	2.4678	0.80971	0.80971	0.84427
30134	2.54825	0.83853	0.83853	1.16039

30135	2.45951	0	0	0
30136	2.4201	1.16698	1.16698	1.17778
30137	2.84503	1.32389	1.32389	1.26072
30138	2.84426	1.31863	1.31863	1.26062
30139	2.86401	1.36227	1.36227	1.36526
30140	2.87033	1.33899	1.33899	1.28873
30141	2.91786	1.32938	1.32938	1.26513
30142	2.92078	1.32889	1.32889	1.26206
30143	2.56413	0.95088	0.95088	1.00415
30144	2.50228	0.77684	0.77684	0.79455
30145	2.6337	0.84033	0.84033	0.84101
30146	2.63226	0.95251	0.95251	0.9873
30147	2.63031	0.98532	0.98532	1.0273
30148	2.56792	0	0	0
30149	2.54436	0.62129	0.62129	0.75647
30150	2.54526	0.84769	0.84769	0.83737
30151	2.56788	0	0	0
30152	2.63216	1.17819	1.17819	1.35976
30153	2.43974	0.7211	0.7211	0.85186
30154	2.36816	0.98464	0.98464	1.0491
30155	2.5152	0.54388	0.54388	0.70359
30156	2.46751	1.07394	1.07394	1.11362
30157	2.63578	0.84065	0.84065	0.8407
30158	2.35644	0.87177	0.87177	0.86241
30159	2.65314	0	0	0
30160	2.3584	0.79957	0.79957	0.83201
30161	2.35803	0.83109	0.83109	0.8653
30162	2.68735	1.02451	1.02451	1.23934
30163	2.40248	0	0	0
30164	2.50216	0.81561	0.81561	0.77895
30165	2.50393	0.55493	0.55493	0.83944
30166	2.5322	0.98032	0.98032	1.11764
30167	2.33747	0.80198	0.80198	0.7827
30168	2.33579	0.85614	0.85614	0.84994
30169	2.43743	0.46433	0.46433	0.63313
30170	2.48203	0.43755	0.43755	0.60096
30171	2.51176	0.89539	0.89539	0.93558
30172	2.35965	1.11595	1.11595	1.22218
30173	2.55789	1.02951	1.02951	1.10343
30174	2.55859	1.04763	1.04763	1.13119
30175	2.61138	0.88265	0.88265	0.8615

30176	2.5964	0.83396	0.83396	0.84489
30177	2.68367	1.01495	1.01495	1.18153
30178	2.85176	1.04626	1.04626	1.10652
30179	2.8535	1.03913	1.03913	1.09982
30180	2.34244	1.01877	1.01877	1.07743
30181	2.64309	0.96628	0.96628	1.11057
30182	2.62287	0.95474	0.95474	1.07485
30183	2.62149	0.9353	0.9353	1.09885
30184	2.6537	0.83884	0.83884	0.85028
30185	2.76111	1.12315	1.12315	1.18841
30186	2.76411	1.12128	1.12128	1.19077
30187	2.71681	1.11755	1.11755	1.20374
30188	2.46523	0.80385	0.80385	0.79019
30189	2.47348	0.80586	0.80586	0.79367
30190	2.87482	1.09862	1.09862	1.33426
30191	2.8722	1.094	1.094	1.32346
30192	2.80574	0	0	0
30193	2.55668	0.54058	0.54058	0.80523
30194	2.44842	1.12504	1.12504	1.17408
30195	2.44976	1.12826	1.12826	1.1773
30196	2.33971	0	0	0
30197	2.69352	0.79876	0.79876	1.12156
30198	2.73341	1.05109	1.05109	1.24817
30199	2.73583	1.02756	1.02756	1.23793
30200	2.32048	0.85713	0.85713	0.87215
30201	2.30596	0.94163	0.94163	1.00538
30202	2.54595	1.02399	1.02399	1.21106
30203	2.54793	0.95884	0.95884	1.1791
30204	2.50739	0.74298	0.74298	0.73825
30205	2.2924	0.94999	0.94999	0.96394
30206	2.53439	0.81893	0.81893	0.83425
30207	2.526	0.87525	0.87525	0.90966
30208	2.46284	0.78448	0.78448	1.04799
30209	2.71071	1.15978	1.15978	1.27791
30210	2.70137	1.15851	1.15851	1.29645
30211	2.70161	1.14804	1.14804	1.27845
30212	2.69368	1.02464	1.02464	1.2084
30213	2.57543	0.83348	0.83348	0.82818
30214	2.53078	0.73735	0.73735	0.75089
30215	2.52247	0.96784	0.96784	1.05259
30216	2.46142	0.81811	0.81811	0.82291

30217	2.80218	1.02081	1.02081	1.07067
30218	2.80337	0.88582	0.88582	0.97513
30219	2.48367	0	0	0
30220	2.72881	0.77322	0.77322	0.75108
30221	2.72703	1.2173	1.2173	1.28118
30222	2.72432	1.22034	1.22034	1.28049
30223	2.30732	0.85909	0.85909	0.86193
30224	2.3179	0.89682	0.89682	0.89537
30225	2.3604	0	0	0
30226	2.51666	0	0	0
30227	2.72919	0.75201	0.75201	0.69313
30228	2.74525	0.72462	0.72462	0.83316
30229	2.56413	1.03695	1.03695	1.13638
30230	2.57132	1.05166	1.05166	1.16027
30231	2.65016	0.96905	0.96905	1.05472
30232	2.57541	0.9781	0.9781	1.05688
30233	2.33215	0.96139	0.96139	1.01295
30234	2.57262	0.82925	0.82925	0.78826
30235	2.57253	0	0	0
30236	2.41058	1.00255	1.00255	1.07881
30237	2.44342	0.7309	0.7309	1.0207
30238	2.63846	1.04982	1.04982	1.23299
30239	2.5187	0	0	0
30240	2.62962	0.87883	0.87883	0.836
30241	2.69169	1.06261	1.06261	1.1197
30242	2.69381	1.0906	1.0906	1.13721
30243	2.40676	0.44606	0.44606	0.59675
30244	2.43237	1.01249	1.01249	1.0638
30245	2.47873	0.65784	0.65784	0.96078
30246	2.57284	0.90953	0.90953	0.95772
30247	2.56974	0.82544	0.82544	0.83876
30248	2.53638	0.89218	0.89218	0.9877
30249	2.39667	0.99879	0.99879	1.12299
30250	2.52026	0.9853	0.9853	1.1289
30251	2.56635	0.87706	0.87706	0.95155
30252	2.31178	0.89751	0.89751	0.9782
30253	2.3303	0	0	0
30254	2.46312	0.42244	0.42244	0.64909
30255	2.62802	0.8916	0.8916	0.92479
30256	2.2532	0.24169	0.24169	0.34851
30257	2.25169	0.59122	0.59122	0.85585

30258	2.47557	1.21966	1.21966	1.19474
30259	2.64296	0.86238	0.86238	1.18258
30260	2.64811	0.9375	0.9375	1.05261
30261	2.61996	0.90316	0.90316	1.02894
30262	2.44698	1.09365	1.09365	1.16298
30263	2.61275	0.92508	0.92508	1.00032
30264	2.61456	0.8458	0.8458	0.87169
30265	2.58485	0.88255	0.88255	0.98546
30266	2.5852	0.96125	0.96125	1.0506
30267	2.58548	1.01765	1.01765	1.11649
30268	2.57995	1.03245	1.03245	1.12571
30269	2.41394	0.0558	0.0558	0.08213
30270	2.43719	0	0	0
30271	2.5458	0.91521	0.91521	1.04642
30272	2.46933	0.68195	0.68195	0.88599
30273	2.521	1.02862	1.02862	1.23335
30274	2.52015	1.00611	1.00611	1.22958
30275	2.72371	0.88381	0.88381	0.93717
30276	2.80049	0.58964	0.58964	0.92068
30277	2.79295	0.56896	0.56896	0.88745
30278	2.71709	0.89261	0.89261	0.94258
30279	2.719	0	0	0
30280	2.62778	0	0	0
30281	2.68489	1.04127	1.04127	1.15965
30282	2.67721	1.0517	1.0517	1.1685
30283	2.35385	0	0	0
30284	2.52173	0	0	0
30285	2.53542	0	0	0
30286	2.35469	0.99934	0.99934	1.1876
30287	2.71454	0.97214	0.97214	1.02099
30288	2.73081	1.08154	1.08154	1.17087
30289	2.74354	0.75071	0.75071	0.94015
30290	2.44195	0.90054	0.90054	0.92294
30291	2.46625	0	0	0
30292	2.50158	0.41522	0.41522	0.69289
30293	2.57805	0.81344	0.81344	0.84065
30294	2.46873	0	0	0
30295	2.68201	1.18038	1.18038	1.29132
30296	2.54631	0.87451	0.87451	0.91261
30297	2.53961	0.82716	0.82716	0.89044
30298	2.27296	0.90325	0.90325	0.92662

30299	2.5382	0.87262	0.87262	0.91894
30300	2.59048	0.38822	0.38822	0.60092
30301	2.47313	1.03578	1.03578	1.06696
30302	2.61678	0.78849	0.78849	0.98456
30303	2.71716	0.83265	0.83265	0.85709
30304	2.29604	0.84481	0.84481	0.86262
30305	2.58315	0.26503	0.26503	0.36895
30306	2.58407	0.64814	0.64814	0.93572
30307	2.60049	1.03	1.03	1.13346
30308	2.58875	0.96324	0.96324	1.03092
30309	2.55635	0.85338	0.85338	0.84709
30310	2.54335	0	0	0
30311	2.75766	0.57288	0.57288	0.64327
30312	2.63974	0.84611	0.84611	0.81141
30313	2.66438	0.80912	0.80912	1.07594
30314	2.67379	1.18207	1.18207	1.19395
30315	2.68728	1.18396	1.18396	1.24329
30316	2.5648	0	0	0
30317	2.40679	0.74258	0.74258	0.86258
30318	2.59187	1.14348	1.14348	1.29901
30319	2.59	1.14643	1.14643	1.30072
30320	2.58651	1.14925	1.14925	1.29746
30321	2.65725	0.29028	0.29028	0.47082
30322	2.55578	0	0	0
30323	2.63863	0.93797	0.93797	0.96442
30324	2.609	0.88962	0.88962	0.94056
30325	2.36559	0.97879	0.97879	1.00104
30326	2.37152	0.83647	0.83647	0.98132
30327	2.43047	0.82065	0.82065	0.81802
30328	2.43083	0.87724	0.87724	0.9425
30329	2.38212	0.2669	0.2669	0.47054
30330	2.6716	0.78147	0.78147	0.88145
30331	2.66662	0.84782	0.84782	0.9259
30332	2.44955	0.418	0.418	0.67977
30333	2.49491	0.92681	0.92681	0.99637
30334	2.65158	0	0	0
30335	2.67245	0.82902	0.82902	0.88992
30336	2.51662	0.32006	0.32006	0.5381
30337	2.41937	0.73712	0.73712	0.70937
30338	2.58922	0.98231	0.98231	1.01267
30339	2.59488	0.94936	0.94936	0.97469

30340	2.54722	0	0	0
30341	2.48588	0.81366	0.81366	0.82728
30342	2.49403	0.73018	0.73018	0.9486
30343	2.49708	0.81989	0.81989	0.83018
30344	2.63907	0	0	0
30345	2.56899	0.81779	0.81779	0.83554
30346	2.61573	0.87442	0.87442	0.90204
30347	2.78602	1.361	1.361	0.88605
30348	2.80055	1.36209	1.36209	1.02686
30349	2.79925	1.36791	1.36791	1.06616
30350	2.79736	1.28344	1.28344	0.98995
30351	2.77611	0.68051	0.68051	0.23855
30352	2.49541	0.49674	0.49674	0.73043
30353	2.5623	0.25991	0.25991	0.39507
30354	2.56237	0.84888	0.84888	0.88834
30355	2.55862	0.89646	0.89646	0.92667
30356	2.56079	0.94459	0.94459	0.96865
30357	2.43671	1.02427	1.02427	1.09387
30358	2.45147	1.20756	1.20756	1.17167
30359	2.40485	0	0	0
30360	2.60122	1.21691	1.21691	1.33626
30361	2.58092	1.21757	1.21757	1.27423
30362	2.59304	1.24325	1.24325	1.33542
30363	2.46557	1.08264	1.08264	1.07009
30364	2.47391	0.74548	0.74548	0.75467
30365	2.49468	0.29058	0.29058	0.46833
30366	2.52112	0.82548	0.82548	0.83236
30367	2.74639	0.84577	0.84577	0.86019
30368	2.79123	0.92732	0.92732	1.02006
30369	2.79168	0.85702	0.85702	0.91524
30370	2.47771	0.81288	0.81288	0.82266
30371	2.54011	0.83592	0.83592	0.83125
30372	2.35304	0.86973	0.86973	0.89116
30373	2.35735	0.80088	0.80088	0.79007
30374	2.46083	0.79575	0.79575	0.97153
30375	2.72004	1.02259	1.02259	1.16346
30376	2.72242	1.01632	1.01632	1.16876
30377	2.72881	0.94485	0.94485	1.15905
30378	2.57399	0.53171	0.53171	0.69461
30379	2.57018	1.0587	1.0587	1.05112
30380	2.56502	1.01209	1.01209	1.01515

30381	2.67768	0.93843	0.93843	1.06347
30382	2.47366	0.75326	0.75326	0.87249
30383	2.46449	0.97074	0.97074	1.18939
30384	2.46889	0.98666	0.98666	1.18614
30385	2.69263	1.03688	1.03688	1.1613
30386	2.69094	1.06162	1.06162	1.18035
30387	2.68594	1.10199	1.10199	1.20948
30388	2.67968	1.10824	1.10824	1.21206
30389	2.44835	0.86513	0.86513	0.94543
30390	2.78241	1.053	1.053	1.17111
30391	2.78544	1.17711	1.17711	1.34316
30392	2.59292	0.83461	0.83461	0.84662
30393	2.59041	0	0	0
30394	2.42565	0.81257	0.81257	0.80183
30395	2.42398	0.86759	0.86759	0.87901
30396	2.39174	0.97814	0.97814	1.02867
30397	2.39309	0.95119	0.95119	0.98859
30398	2.47322	0.96093	0.96093	1.01083
30399	2.45473	0.2883	0.2883	0.41213
30400	2.37832	0.82497	0.82497	0.79712
30401	2.37763	0.90727	0.90727	0.92804
30402	2.376	0.93924	0.93924	0.97606
30403	2.53237	1.08439	1.08439	1.20311
30404	2.49089	0	0	0
30405	3.09328	1.44386	1.44386	1.35543
30406	3.13406	1.44676	1.44676	1.40465
30407	3.12259	1.45117	1.45117	1.41184
30408	3.08215	1.45232	1.45232	1.41271
30409	3.05513	1.45224	1.45224	1.40914
30410	3.03012	0.62892	0.62892	0.73493
30411	2.50639	0.91612	0.91612	1.05463
30412	2.52626	0	0	0
30413	2.44699	0.95096	0.95096	1.07434
30414	2.48455	0.9191	0.9191	0.96056
30415	2.62878	0.8252	0.8252	0.84569
30416	2.62631	0.81085	0.81085	0.86948
30417	2.57325	0	0	0
30418	2.508	1.00318	1.00318	1.11691
30419	2.35192	0.80679	0.80679	0.78902
30420	2.35208	0.92205	0.92205	0.95526
30421	2.73512	0.55623	0.55623	0.79599

30422	2.80412	1.31408	1.31408	1.35918
30423	2.79554	1.2702	1.2702	1.30306
30424	2.69245	1.2698	1.2698	1.27443
30425	2.68856	0.95288	0.95288	0.99491
30426	2.6735	0.93708	0.93708	0.97621
30427	2.40141	0.99762	0.99762	1.02713
30428	2.57476	0.88929	0.88929	0.9234
30429	2.606	0.86309	0.86309	0.91315
30430	2.60833	0.94596	0.94596	1.00186
30431	2.60724	0.96277	0.96277	1.01446
30432	2.6082	1.05055	1.05055	1.15559
30433	2.41193	0	0	0
30434	2.63789	1.05333	1.05333	1.1373
30435	2.70988	1.10251	1.10251	1.12335
30436	2.53099	0	0	0
30437	2.72957	0.60585	0.60585	0.91259
30438	2.7414	0.76384	0.76384	0.93225
30439	2.75061	0.88204	0.88204	0.94924
30440	2.76546	0.11041	0.11041	0.16032
30441	2.46456	0.90053	0.90053	0.94278
30442	2.73724	0.92915	0.92915	1.06718
30443	2.73319	0.94533	0.94533	1.07335
30444	2.7195	0.93849	0.93849	0.9747
30445	2.50522	0	0	0
30446	2.56293	0.92531	0.92531	1.15406
30447	2.6618	0.62861	0.62861	0.82919
30448	2.59893	0.83041	0.83041	0.83306
30449	2.63775	1.06045	1.06045	1.12792
30450	2.62927	0.86462	0.86462	0.84
30451	2.63512	0.82318	0.82318	0.84735
30452	2.43683	0.77267	0.77267	0.81287
30453	2.39032	0.34749	0.34749	0.57486
30454	2.63488	0	0	0
30455	2.45456	0.82246	0.82246	0.81589
30456	2.38796	0.95011	0.95011	0.93036
30457	2.38348	0.91929	0.91929	0.93091
30458	2.38212	0.83704	0.83704	0.89011
30459	2.62784	0.81254	0.81254	0.75455
30460	2.63244	0.97138	0.97138	1.07169
30461	2.42177	0.89716	0.89716	0.91435
30462	2.42074	0.98697	0.98697	1.05084

30463	2.49523	0.81533	0.81533	0.84324
30464	2.49278	0.86875	0.86875	0.85743
30465	2.52588	0.93752	0.93752	1.12711
30466	2.53084	0.88856	0.88856	0.89358
30467	2.52923	0.7101	0.7101	0.8882
30468	2.66664	0.70334	0.70334	0.77279
30469	2.72881	1.14632	1.14632	1.31678
30470	2.73255	1.19183	1.19183	1.26115
30471	2.73134	1.19006	1.19006	1.25856
30472	2.72097	1.02976	1.02976	1.17053
30473	2.48907	0	0	0
30474	2.39833	1.00049	1.00049	1.04936
30475	2.40761	0.95451	0.95451	1.08821
30476	2.58708	0.80844	0.80844	0.92385
30477	2.36395	0.8041	0.8041	0.77712
30478	2.5122	0.91535	0.91535	1.08259
30479	2.41492	0.86488	0.86488	0.89211
30480	2.60527	0.85652	0.85652	0.93149
30481	2.62686	0.89906	0.89906	1.03901
30482	2.34325	0.80733	0.80733	0.78772
30483	2.4386	0.83012	0.83012	0.83999
30484	2.715	0.88239	0.88239	1.10509
30485	2.7082	0.99667	0.99667	1.1283
30486	2.62913	0.48601	0.48601	0.71209
30487	2.5747	0.90247	0.90247	1.00389
30488	2.42936	0.21495	0.21495	0.30975
30489	2.83039	0.90975	0.90975	0.99289
30490	2.83512	0.98311	0.98311	1.06634
30491	2.83203	1.00755	1.00755	1.09564
30492	2.83091	1.02424	1.02424	1.11951
30493	2.74756	0.69574	0.69574	0.89055
30494	2.4877	0.93004	0.93004	0.93522
30495	2.4751	0.87728	0.87728	0.84989
30496	2.64654	0.93415	0.93415	0.97986
30497	2.63311	0.83977	0.83977	0.89047
30498	2.60003	0.87211	0.87211	0.91048
30499	2.53337	0.91043	0.91043	0.96201
30500	2.52824	0.97903	0.97903	1.05842
30501	2.38648	0.81197	0.81197	0.8015
30502	2.38623	0.24452	0.24452	0.32903
30503	2.52611	0	0	0

30504	2.50581	0.82421	0.82421	0.83867
30505	2.72754	0.81018	0.81018	0.89266
30506	2.73188	0.62906	0.62906	0.76214
30507	2.56777	1.12924	1.12924	1.15208
30508	2.55776	1.12771	1.12771	1.14883
30509	2.47658	0.99478	0.99478	1.0596
30510	2.39427	1.0792	1.0792	1.11135
30511	2.69016	0	0	0
30512	2.63477	0.89313	0.89313	0.93149
30513	2.63616	0.76607	0.76607	0.76355
30514	2.57884	0.85699	0.85699	1.07194
30515	2.57833	0.83493	0.83493	1.08491
30516	2.39585	0.82318	0.82318	0.79952
30517	2.36398	0.21603	0.21603	0.3273
30518	2.63398	0.67893	0.67893	0.88803
30519	2.67955	0.8997	0.8997	1.00964
30520	2.26184	0	0	0
30521	2.50838	0.86463	0.86463	0.91001
30522	2.6231	1.03647	1.03647	1.23737
30523	2.56529	0.78861	0.78861	0.86228
30524	2.56428	0.87305	0.87305	0.93329
30525	2.56303	0.91256	0.91256	0.96538
30526	2.40804	0.39153	0.39153	0.58979
30527	2.64813	0.4994	0.4994	0.65915
30528	2.70469	1.13072	1.13072	1.32929
30529	2.70655	1.11548	1.11548	1.3193
30530	2.70982	1.11387	1.11387	1.32352
30531	2.71049	1.09612	1.09612	1.32016
30532	2.71134	1.08818	1.08818	1.31999
30533	2.46415	0.82293	0.82293	0.81128
30534	2.63469	1.02622	1.02622	1.10724
30535	2.63712	1.04022	1.04022	1.13809
30536	2.9272	1.15499	1.15499	1.4309
30537	2.93496	1.13668	1.13668	1.40613
30538	2.94497	1.12808	1.12808	1.40153
30539	2.29929	0	0	0
30540	2.24702	0	0	0
30541	2.58613	0.96172	0.96172	1.04402
30542	2.58688	0.8873	0.8873	0.92579
30543	2.18569	0.41938	0.41938	0.58529
30544	2.46457	0.86267	0.86267	0.91903

30545	2.73285	1.24899	1.24899	1.11052
30546	2.61429	0.83465	0.83465	0.84953
30547	2.61356	0.90685	0.90685	0.95623
30548	2.60923	1.03484	1.03484	1.09905
30549	2.31131	0.80899	0.80899	0.77846
30550	2.69113	1.04869	1.04869	1.24
30551	2.64359	1.06419	1.06419	1.22527
30552	2.5246	0.721	0.721	0.83984
30553	2.45652	0	0	0
30554	2.85654	0.78493	0.78493	0.78648
30555	2.96002	1.36672	1.36672	1.27227
30556	2.95298	1.3736	1.3736	1.34336
30557	2.97224	1.37371	1.37371	1.33731
30558	2.94181	1.20389	1.20389	1.25498
30559	2.95175	1.31825	1.31825	1.30587
30560	2.95513	1.3182	1.3182	1.30664
30561	2.70154	0.80235	0.80235	1.05681
30562	2.69609	0.71536	0.71536	1.06126
30563	2.86518	1.04658	1.04658	1.13495
30564	2.89078	1.29483	1.29483	1.30625
30565	2.87747	1.29531	1.29531	1.29142
30566	2.56868	0	0	0
30567	2.41086	0.9061	0.9061	0.93771
30568	2.79462	0.84761	0.84761	0.92841
30569	2.79177	0.9536	0.9536	1.08201
30570	2.79537	0.39525	0.39525	0.60428
30571	2.31002	0.78905	0.78905	0.76877
30572	2.53596	0.90793	0.90793	1.1151
30573	2.51862	0.63954	0.63954	1.0801
30574	2.37392	0.93058	0.93058	0.95887
30575	2.68715	0.85546	0.85546	0.95549
30576	2.39261	0.84765	0.84765	0.87279
30577	2.69421	0.34444	0.34444	0.27535
30578	2.46728	0.90223	0.90223	0.95169
30579	2.60705	1.08333	1.08333	1.08597
30580	2.604	1.07887	1.07887	1.08277
30581	2.59542	1.07383	1.07383	1.08011
30582	2.58784	0.8723	0.8723	0.90843
30583	2.58587	0.76216	0.76216	0.78814
30584	2.57508	0	0	0
30585	2.49105	0.80371	0.80371	0.8269

30586	2.44798	0.84187	0.84187	0.846
30587	2.44895	1.04227	1.04227	1.14185
30588	2.59482	0	0	0
30589	2.59272	0.81095	0.81095	0.75924
30590	2.5985	0.84095	0.84095	0.86106
30591	2.74958	1.1477	1.1477	1.26718
30592	2.76238	1.14022	1.14022	1.26917
30593	2.7709	1.12793	1.12793	1.257
30594	2.46471	0.47619	0.47619	0.84376
30595	2.44817	0.81141	0.81141	0.82007
30596	2.4797	0	0	0
30597	2.32246	0.81012	0.81012	0.78453
30598	2.32179	0.86423	0.86423	0.85969
30599	2.47319	1.02437	1.02437	1.09147
30600	2.69988	1.00463	1.00463	1.19373
30601	2.70565	0.91602	0.91602	1.03806
30602	2.89051	1.17443	1.17443	1.34288
30603	2.87846	1.17171	1.17171	1.33424
30604	2.88163	1.16505	1.16505	1.33678
30605	2.46734	0.81932	0.81932	0.81912
30606	2.54551	1.3313	1.3313	1.15908
30607	2.49303	1.33743	1.33743	1.09592
30608	2.50388	0.98239	0.98239	1.0464
30609	2.65432	0.80426	0.80426	1.04316
30610	2.5333	1.08613	1.08613	1.23176
30611	2.82866	1.31218	1.31218	1.27264
30612	2.83098	1.31245	1.31245	1.27417
30613	2.82935	0.93328	0.93328	1.22034
30614	2.82893	0.86034	0.86034	1.13984
30615	2.5994	0.8442	0.8442	0.89417
30616	2.43846	0.81367	0.81367	0.81169
30617	2.59893	0.87368	0.87368	0.94956
30618	2.42226	0.80925	0.80925	0.80709
30619	2.50466	0	0	0
30620	2.51024	0.98774	0.98774	1.1156
30621	2.53137	0.88383	0.88383	0.90737
30622	2.74916	1.02578	1.02578	1.19482
30623	2.38754	0.9735	0.9735	1.14905
30624	2.51076	0.91482	0.91482	0.97556
30625	2.51034	0.96412	0.96412	1.04867
30626	2.53396	1.04015	1.04015	1.15253

30627	2.57747	0	0	0
30628	2.68913	0.83693	0.83693	0.8632
30629	2.69266	1.0218	1.0218	1.11492
30630	2.70348	0.98284	0.98284	1.0714
30631	2.63423	1.0955	1.0955	1.1933
30632	2.60384	0.88985	0.88985	0.89885
30633	2.28984	0	0	0
30634	2.45467	0	0	0.29372
30635	2.5017	0.88164	0.88164	0.91111
30636	2.5488	0.98981	0.98981	1.05419
30637	2.54265	0.86298	0.86298	0.91433
30638	2.41716	0	0	0
30639	2.57689	0	0	0
30640	2.61163	1.01608	1.01608	1.20519
30641	2.61412	1.0022	1.0022	1.18643
30642	2.42308	0.73577	0.73577	1.06687
30643	2.45898	0.96116	0.96116	1.05943
30644	2.45993	0.97091	0.97091	1.07258
30645	2.68515	0.81927	0.81927	0.87471
30646	2.51564	0.87214	0.87214	0.91511
30647	2.26688	0	0	0
30648	2.46939	1.03114	1.03114	1.12885
30649	2.47628	1.02052	1.02052	1.11573
30650	2.61583	1.08037	1.08037	1.22972
30651	2.60977	1.09272	1.09272	1.24596
30652	2.43836	0.90715	0.90715	0.91572
30653	2.61196	0.97887	0.97887	1.10719
30654	2.81602	1.31985	1.31985	1.36105
30655	2.80108	1.31453	1.31453	1.35619
30656	2.7956	1.31508	1.31508	1.3561
30657	2.76547	0.75751	0.75751	0.64734
30658	2.71749	1.13119	1.13119	1.33846
30659	2.69193	1.1647	1.1647	1.37916
30660	2.63994	0.66879	0.66879	1.13611
30661	2.41941	0.10949	0.10949	0.17163
30662	2.46484	0.92189	0.92189	0.96279
30663	2.77056	1.38743	1.38743	1.20821
30664	2.70546	1.0895	1.0895	1.30395
30665	2.65849	0	0	0
30666	2.57266	0.91065	0.91065	0.91288
30667	2.65976	0.91369	0.91369	0.98348

30668	2.51928	0	0	0
30669	2.54798	1.04013	1.04013	1.13321
30670	2.4745	1.00622	1.00622	1.06495
30671	2.53809	0.7677	0.7677	0.88004
30672	2.54395	0.64717	0.64717	0.89291
30673	2.42865	0	0	0
30674	2.87945	1.18798	1.18798	1.24965
30675	2.88156	1.1921	1.1921	1.26595
30676	2.8809	1.19786	1.19786	1.28407
30677	2.41074	0.99659	0.99659	1.06562
30678	2.40669	1.05466	1.05466	1.13887
30679	2.42618	1.04836	1.04836	1.17113
30680	2.41907	0.78232	0.78232	0.85949
30681	2.48826	0	0	0
30682	2.76374	1.1762	1.1762	1.16034
30683	2.90304	1.38214	1.38214	1.2733
30684	2.90144	1.38178	1.38178	1.26568
30685	2.8896	1.38164	1.38164	1.27183
30686	2.38839	0.80228	0.80228	0.82324
30687	2.426	0.14361	0.14361	0.21869
30688	2.55206	0.98618	0.98618	1.02656
30689	2.58954	0.94847	0.94847	1.01303
30690	2.45923	0.98036	0.98036	1.04711
30691	2.63653	0.82673	0.82673	0.80544
30692	2.59134	0.9524	0.9524	1.07182
30693	2.62627	0.92881	0.92881	0.95182
30694	2.42714	0	0	0
30695	2.56451	1.02462	1.02462	1.15745
30696	2.41987	0.77899	0.77899	0.92848
30697	2.69174	0.7911	0.7911	0.66203
30698	2.74785	0.90301	0.90301	1.02516
30699	2.7664	0.77987	0.77987	0.91443
30700	2.69962	0.75546	0.75546	0.82041
30701	2.5241	0.87644	0.87644	0.9331
30702	2.51856	0.86673	0.86673	1.03188
30703	2.56242	0.81303	0.81303	0.83606
30704	2.40615	0	0	0
30705	2.62837	0	0	0
30706	2.62825	0.89506	0.89506	0.93736
30707	2.47062	0.97487	0.97487	1.04568
30708	2.48452	0.68014	0.68014	0.94388

30709	2.39976	0.83467	0.83467	0.88046
30710	2.56133	0.82797	0.82797	0.83686
30711	2.66822	1.33475	1.33475	1.10911
30712	2.6579	1.32798	1.32798	1.1502
30713	2.81883	0.88979	0.88979	0.99813
30714	2.8268	0.99303	0.99303	1.16214
30715	2.36703	0.86437	0.86437	0.83341
30716	2.49547	0.75527	0.75527	0.73541
30717	2.32126	1.03519	1.03519	1.11148
30718	2.3202	1.06911	1.06911	1.16882
30719	2.32535	0.88063	0.88063	0.88857
30720	2.77169	0.9109	0.9109	1.04618
30721	2.7684	1.03104	1.03104	1.14184
30722	2.77733	0.74982	0.74982	0.98453
30723	2.32778	0.91576	0.91576	0.95119
30724	2.328	0.95966	0.95966	1.01804
30725	2.36014	0.88564	0.88564	0.87552
30726	2.43144	0	0	0
30727	2.549	0	0	0
30728	2.72574	0	0	0
30729	2.32015	0.79702	0.79702	0.78098
30730	2.49769	1.08186	1.08186	1.13678
30731	2.75047	0.8912	0.8912	1.05437
30732	2.64872	0.81932	0.81932	0.86197
30733	2.53721	0.95638	0.95638	1.09516
30734	2.53757	0.6904	0.6904	1.02434
30735	2.55706	1.0788	1.0788	1.25032
30736	2.42182	0.9664	0.9664	1.04503
30737	2.43705	0.86359	0.86359	0.91699
30738	2.796	0.13231	0.13231	0.22477
30739	2.79513	0.8632	0.8632	0.96935
30740	2.79075	1.19613	1.19613	1.36326
30741	2.50592	0	0	0
30742	2.55497	0.8401	0.8401	0.81967
30743	2.55464	0.6884	0.6884	0.7904
30744	2.48002	0.94739	0.94739	1.01719
30745	2.44373	0.83938	0.83938	0.88267
30746	2.44178	0.89885	0.89885	0.96412
30747	2.4582	0	0	0
30748	2.57403	0.81798	0.81798	0.84744
30749	2.55786	1.11269	1.11269	1.19057

30750	2.55227	0.88283	0.88283	1.08409
30751	2.67459	0.85979	0.85979	0.88606
30752	2.67449	0.98029	0.98029	1.04209
30753	2.67209	0.79412	0.79412	0.77401
30754	2.64864	0.83743	0.83743	0.9044
30755	2.42665	0	0	0
30756	2.45295	0.96343	0.96343	1.09415
30757	2.45253	0.74666	0.74666	0.89679
30758	2.58059	0.88314	0.88314	0.92763
30759	2.47407	0.81437	0.81437	0.82782
30760	2.48202	1.00878	1.00878	1.01921
30761	2.40823	0.81419	0.81419	0.80742
30762	2.37837	0.23191	0.23191	0.33608
30763	2.40942	0.9586	0.9586	1.01319
30764	2.58706	0.66839	0.66839	0.69856
30765	2.7304	0.82041	0.82041	0.80116
30766	2.48005	0.84883	0.84883	0.8602
30767	2.47948	0.97934	0.97934	1.03758
30768	2.73448	0.83979	0.83979	0.86069
30769	2.74585	0.91007	0.91007	0.9362
30770	2.32431	0.85825	0.85825	0.86473
30771	2.51658	0.91538	0.91538	0.96216
30772	2.76453	1.10881	1.10881	1.08965
30773	2.75355	0.69483	0.69483	0.95683
30774	2.59065	0.49566	0.49566	0.63561
30775	2.63713	1.0533	1.0533	1.17659
30776	2.63619	0.99142	0.99142	1.09257
30777	2.35675	0.42877	0.42877	0.58641
30778	2.54954	0.75684	0.75684	0.89125
30779	2.39087	0.45316	0.45316	0.65483
30780	2.35047	0.8511	0.8511	0.87564
30781	2.87867	0.98002	0.98002	1.1529
30782	2.88846	1.05648	1.05648	1.27962
30783	2.88322	1.06349	1.06349	1.28285
30784	2.77751	0.31741	0.31741	0.5315
30785	2.84856	0	0	0
30786	2.6077	0.83081	0.83081	0.84076
30787	2.53094	0.94219	0.94219	1.04193
30788	2.55412	1.08312	1.08312	1.17809
30789	2.58745	0.91881	0.91881	0.97545
30790	2.5905	0.82928	0.82928	0.84748

30791	2.44861	0	0	0
30792	2.43179	0.94477	0.94477	1.01897
30793	2.57147	0.24137	0.24137	0.493
30794	2.808	0.83969	0.83969	0.87949
30795	2.45887	0.96789	0.96789	1.05412
30796	2.462	0.9432	0.9432	1.02037
30797	2.46164	0.83817	0.83817	0.86184
30798	2.56279	1.25481	1.25481	1.23245
30799	2.45087	0.92908	0.92908	0.87877
30800	2.29098	1.02162	1.02162	1.07487
30801	2.6195	1.20435	1.20435	1.32431
30802	2.7873	0.92233	0.92233	1.02162
30803	2.5114	0.32719	0.32719	0.47744
30804	2.40306	0.75103	0.75103	0.74578
30805	2.38556	0	0	0
30806	2.38488	0.81211	0.81211	0.79571
30807	2.40371	0	0	0
30808	2.60102	0.92317	0.92317	1.00101
30809	2.5876	0.77761	0.77761	0.93069
30810	2.60398	0.88932	0.88932	0.90901
30811	2.59972	0.94493	0.94493	0.9845
30812	2.63049	0.79858	0.79858	0.7564
30813	2.64177	0	0	0
30814	2.55277	0.58196	0.58196	0.78906
30815	2.63464	1.08275	1.08275	1.18406
30816	2.63635	0.99553	0.99553	1.13135
30817	2.3498	1.11723	1.11723	1.08764
30818	2.35077	1.11625	1.11625	1.15374
30819	2.35214	1.08582	1.08582	1.09492
30820	2.31927	0	0	0
30821	2.65794	0.57089	0.57089	0.75821
30822	2.68265	1.26482	1.26482	1.35117
30823	2.67888	1.2598	1.2598	1.34095
30824	2.7274	1.25694	1.25694	1.36926
30825	2.53232	0.54874	0.54874	0.78682
30826	2.42336	0.95999	0.95999	1.03951
30827	2.77247	1.11897	1.11897	1.28475
30828	2.77459	1.12242	1.12242	1.28869
30829	2.65322	1.13513	1.13513	1.2389
30830	2.94292	1.27479	1.27479	1.37302
30831	2.94117	1.27445	1.27445	1.37704

30832	2.27875	0.72537	0.72537	0.68737
30833	2.27271	0	0	0
30834	2.67215	0.89929	0.89929	0.98445
30835	2.67695	0.93421	0.93421	1.03388
30836	2.67641	0.98821	0.98821	1.13464
30837	2.67583	0.99657	0.99657	1.14883
30838	2.67198	1.0038	1.0038	1.15082
30839	2.60864	0.90933	0.90933	1.06974
30840	2.61446	0.91877	0.91877	1.07891
30841	2.60543	0.83096	0.83096	0.84437
30842	2.41308	0.89468	0.89468	0.92766
30843	2.3869	0.81347	0.81347	0.80298
30844	2.55206	0.35479	0.35479	0.46348
30845	2.55253	1.00997	1.00997	1.06991
30846	2.55346	0.96216	0.96216	1.00712
30847	2.49817	0.53793	0.53793	0.69622
30848	2.549	1.08131	1.08131	1.21723
30849	2.52885	0.66536	0.66536	0.99122
30850	2.66012	1.20755	1.20755	1.2733
30851	2.67341	1.24068	1.24068	1.306
30852	2.65923	0.86895	0.86895	1.11141
30853	2.58948	1.00309	1.00309	1.12721
30854	2.72138	0.94739	0.94739	1.07763
30855	2.81001	1.29062	1.29062	1.32641
30856	2.73229	1.05569	1.05569	1.03836
30857	2.73313	0.85947	0.85947	0.86874
30858	2.39004	1.01473	1.01473	1.06686
30859	2.39776	0	0	0
30860	2.48439	0.89157	0.89157	1.03746
30861	2.59984	0.80925	0.80925	0.81313
30862	2.40816	0.94533	0.94533	1.0786
30863	2.50349	0	0	0
30864	2.46075	0.81988	0.81988	0.81407
30865	2.60823	0.94128	0.94128	1.11789
30866	2.40154	0.9285	0.9285	0.99268
30867	2.61642	0.91471	0.91471	0.96519
30868	2.46637	0.93221	0.93221	0.97566
30869	2.48478	0.81866	0.81866	0.82741
30870	2.71993	0.89945	0.89945	0.94062
30871	2.39843	0.98507	0.98507	1.11503
30872	2.54634	1.10204	1.10204	1.10291

30873	2.4111	0.90818	0.90818	0.93673
30874	2.47878	1.0167	1.0167	1.10747
30875	2.47333	1.00359	1.00359	1.10311
30876	2.7476	1.32101	1.32101	1.10435
30877	2.84068	1.3462	1.3462	1.18468
30878	2.41304	0	0	0
30879	2.6237	0.9683	0.9683	0.98377
30880	2.6227	0.96207	0.96207	0.95301
30881	2.44079	0.87037	0.87037	0.95469
30882	2.37056	0	0	0
30883	2.44839	0.82701	0.82701	0.82228
30884	2.59782	0.88008	0.88008	0.90382
30885	2.35501	0	0	0
30886	2.37357	0.90297	0.90297	0.9859
30887	2.48767	0.72284	0.72284	0.8343
30888	2.43777	1.03572	1.03572	1.18273
30889	2.65771	1.08276	1.08276	1.15844
30890	2.66911	0.94811	0.94811	1.03183
30891	2.66757	0.98059	0.98059	1.05405
30892	2.49709	0.86616	0.86616	0.93059
30893	2.67587	1.0307	1.0307	1.22427
30894	2.56382	0.88334	0.88334	0.9077
30895	2.56	1.03556	1.03556	1.10716
30896	2.55832	1.06444	1.06444	1.14656
30897	2.74959	0.95875	0.95875	1.06902
30898	2.74882	0.81278	0.81278	0.83992
30899	2.3999	0.93268	0.93268	0.94362
30900	2.60859	0.76384	0.76384	0.74711
30901	2.61132	1.10308	1.10308	1.19613
30902	2.30702	0.80181	0.80181	0.77756
30903	2.42478	0.87872	0.87872	0.89037
30904	2.4282	0	0	0
30905	2.4864	0.75672	0.75672	0.75569
30906	2.48398	0.81233	0.81233	0.83162
30907	2.34399	0.85039	0.85039	0.77829
30908	2.34647	0.79966	0.79966	0.78782
30909	2.32895	0	0	0
30910	2.33099	0	0	0
30911	2.4462	0	0	0
30912	2.48125	0.99881	0.99881	1.08994
30913	2.4885	0.9905	0.9905	1.09482

30914	2.64229	1.03166	1.03166	1.1607
30915	2.62038	1.05831	1.05831	1.1998
30916	2.7179	1.09124	1.09124	1.30342
30917	2.68982	1.10039	1.10039	1.29861
30918	2.6635	0.44665	0.44665	0.7723
30919	2.7147	1.13361	1.13361	1.16331
30920	2.70973	1.1347	1.1347	1.15859
30921	2.7088	0.98654	0.98654	1.15124
30922	2.32326	0.90335	0.90335	0.93045
30923	2.31142	1.03733	1.03733	1.07973
30924	2.51299	1.04513	1.04513	1.12203
30925	2.51158	1.05862	1.05862	1.13881
30926	2.51141	1.06254	1.06254	1.14328
30927	2.63968	0.82399	0.82399	0.84786
30928	2.63225	0.87855	0.87855	0.91904
30929	2.64933	1.09082	1.09082	1.1811
30930	2.64018	0.81423	0.81423	1.06745
30931	2.65212	0.86976	0.86976	1.07983
30932	2.66217	0.81163	0.81163	1.07561
30933	2.65318	0.42819	0.42819	0.56866
30934	2.51639	0.66592	0.66592	0.83629
30935	2.31082	0	0	0
30936	2.70576	0.5662	0.5662	0.75822
30937	2.78379	1.27381	1.27381	1.34209
30938	2.77864	1.22531	1.22531	1.24859
30939	2.36907	0.80125	0.80125	0.79197
30940	2.56076	0.68875	0.68875	1.08533
30941	2.40268	0.78865	0.78865	0.80584
30942	2.45875	0.40971	0.40971	0.54436
30943	2.45879	0.81785	0.81785	0.87989
30944	2.37321	0	0	0
30945	2.61525	0	0	0
30946	2.39465	0.53242	0.53242	0.72498
30947	2.39496	0.93135	0.93135	0.94956
30948	2.44556	0.77547	0.77547	1.0525
30949	2.47095	0.80861	0.80861	0.82373
30950	2.52197	1.06443	1.06443	1.11662
30951	2.52432	1.06041	1.06041	1.13919
30952	2.52269	0.82989	0.82989	0.82803
30953	2.56973	1.04316	1.04316	1.14218
30954	2.66809	0.42585	0.42585	0.62883

30955	2.66709	0.76925	0.76925	0.78635
30956	2.57664	0.87577	0.87577	1.11341
30957	2.50637	1.02057	1.02057	1.13017
30958	2.50894	1.00783	1.00783	1.1143
30959	2.51386	0.91195	0.91195	0.97933
30960	2.51225	0.86923	0.86923	0.91084
30961	2.32699	1.00753	1.00753	1.0944
30962	2.60386	1.07219	1.07219	1.15848
30963	2.60291	1.09024	1.09024	1.17977
30964	2.59512	1.13491	1.13491	1.22934
30965	2.66337	0	0	0
30966	2.66161	0.81746	0.81746	0.85149
30967	2.52522	0.49839	0.49839	0.75058
30968	2.54251	1.15355	1.15355	1.27894
30969	2.54245	1.109	1.109	1.21296
30970	2.54528	1.10557	1.10557	1.21998
30971	2.578	0	0	0
30972	2.44947	0.87692	0.87692	0.91119
30973	2.74227	0.72959	0.72959	0.80697
30974	2.44878	0.81441	0.81441	0.81464
30975	2.4719	0.86169	0.86169	0.99331
30976	2.61148	0.9368	0.9368	0.98328
30977	2.61634	0.97812	0.97812	1.05685
30978	2.4811	0.92234	0.92234	0.97417
30979	2.48677	0.93957	0.93957	0.98808
30980	2.56148	0	0	0
30981	2.54511	0.81715	0.81715	0.81276
30982	2.62059	0.99369	0.99369	1.08413
30983	2.51992	0.94769	0.94769	0.98452
30984	2.3025	0.84982	0.84982	0.85729
30985	2.66133	0.82292	0.82292	0.85496
30986	2.59966	0.99886	0.99886	1.07441
30987	2.59956	0.9732	0.9732	1.04253
30988	2.59918	0.90717	0.90717	0.95091
30989	2.4285	0	0	0
30990	2.72137	0.99748	0.99748	0.95091
30991	2.72403	1.02159	1.02159	1.06283
30992	2.71973	1.04129	1.04129	1.04845
30993	2.71211	0.85953	0.85953	0.9656
30994	2.73012	0.88569	0.88569	1.02382
30995	2.41641	0	0	0

30996	2.69289	0.88328	0.88328	0.84274
30997	2.54688	0.73899	0.73899	0.98001
30998	2.52357	0.70777	0.70777	0.95152
30999	2.52537	0.83827	0.83827	0.95243
31000	2.53325	0.87882	0.87882	0.76828
31001	2.53236	0.75498	0.75498	0.73409
31002	2.71927	0.78469	0.78469	0.85331
31003	2.70906	0.66367	0.66367	0.76663
31004	2.72085	0.77593	0.77593	0.5395
31005	2.59338	0.81201	0.81201	0.81434
31006	2.65504	0.90225	0.90225	0.96428
31007	2.68034	0.82938	0.82938	0.84664
31008	2.42448	1.0065	1.0065	1.07034
31009	2.42445	1.03353	1.03353	1.1088
31010	2.35363	1.01662	1.01662	1.1137
31011	2.53799	0.98191	0.98191	0.98045
31012	2.64777	0.77565	0.77565	0.7709
31013	2.65841	0.57125	0.57125	0.66558
31014	2.40492	0	0	0
31015	2.62508	0	0	0
31016	2.33535	0	0	0
31017	2.71285	0.99958	0.99958	1.10475
31018	2.60706	0.40529	0.40529	0.49648
31019	2.81512	1.10266	1.10266	1.20226
31020	2.23714	0.85112	0.85112	0.834
31021	2.59226	0.83465	0.83465	0.83673
31022	2.64077	1.01971	1.01971	1.12623
31023	2.63209	0.92518	0.92518	0.9894
31024	2.57979	0.8093	0.8093	0.84826
31025	2.53281	0.33008	0.33008	0.46309
31026	2.83632	1.18445	1.18445	1.24932
31027	2.58016	0.78877	0.78877	0.87808
31028	2.52313	0	0	0
31029	2.54362	0.88613	0.88613	0.90638
31030	2.54601	0.94109	0.94109	0.96606
31031	2.82791	0.83362	0.83362	0.86893
31032	2.71698	0.26225	0.26225	0.49682
31033	2.48806	0.98267	0.98267	1.06727
31034	2.4861	0.99545	0.99545	1.08448
31035	2.48779	1.0393	1.0393	1.15366
31036	2.60049	0	0	0

31037	2.56531	0.38496	0.38496	0.44284
31038	2.53438	0.82412	0.82412	0.83152
31039	2.61459	1.12443	1.12443	1.19265
31040	2.64951	0	0	0
31041	2.32315	1.00341	1.00341	0.98389
31042	2.55105	1.09374	1.09374	1.2694
31043	2.35868	0	0	0
31044	2.39728	1.00921	1.00921	1.0027
31045	2.39445	1.0502	1.0502	1.08142
31046	2.65645	0.80788	0.80788	0.84233
31047	2.5188	0	0	0
31048	2.46808	0.91456	0.91456	0.95193
31049	2.56551	0.87255	0.87255	0.95354
31050	2.38634	0.97557	0.97557	1.08511
31051	2.37913	0.18194	0.18194	0.26834
31052	2.42798	0.93811	0.93811	0.95783
31053	2.88006	1.0531	1.0531	1.18187
31054	2.87165	1.11566	1.11566	1.24905
31055	2.50384	0.81907	0.81907	0.82728
31056	2.80411	1.24139	1.24139	1.29587
31057	2.37477	0.92359	0.92359	1.11499
31058	2.61365	1.04754	1.04754	1.09286
31059	2.38539	0.85801	0.85801	0.88463
31060	2.43069	0.79908	0.79908	0.9832
31061	2.70614	0.8469	0.8469	0.89609
31062	2.66662	0.68818	0.68818	0.75405
31063	2.66111	1.11791	1.11791	1.2112
31064	2.46004	0.92592	0.92592	0.95985
31065	2.35232	0.856	0.856	0.86928
31066	2.33437	0.1075	0.1075	0.16281
31067	2.37062	0.81657	0.81657	0.84174
31068	2.30261	0.95443	0.95443	1.00874
31069	2.6152	0.89832	0.89832	0.97179
31070	2.61895	0.87767	0.87767	0.97837
31071	2.61511	0.88394	0.88394	0.98205
31072	2.4079	0.85912	0.85912	1.06194
31073	2.46579	0.32597	0.32597	0.80749
31074	2.46794	0.74359	0.74359	0.82323
31075	2.47154	0.79848	0.79848	0.84674
31076	2.43114	1.0552	1.0552	1.05443
31077	2.81661	1.30366	1.30366	1.30547

31078	2.79632	1.29449	1.29449	1.27594
31079	2.57365	0.90835	0.90835	0.96867
31080	2.52387	0.28857	0.28857	0.80564
31081	2.58548	0	0	0
31082	2.44659	0	0	0
31083	2.47368	0	0	0
31084	2.51892	0.99326	0.99326	1.13123
31085	2.531	1.00492	1.00492	1.21443
31086	2.5474	0	0	0
31087	2.67886	1.0612	1.0612	1.18353
31088	2.53366	0.75513	0.75513	0.73351
31089	2.18521	0	0	0
31090	2.43645	0.82924	0.82924	0.87494
31091	2.34518	0.86434	0.86434	0.99789
31092	2.6333	1.0992	1.0992	1.1566
31093	2.64024	1.09453	1.09453	1.13045
31094	2.48533	0.92966	0.92966	1.00329
31095	2.48341	0.93708	0.93708	1.00261
31096	2.48038	0.74975	0.74975	0.87945
31097	2.44668	0.88158	0.88158	0.85774
31098	2.54778	0.86304	0.86304	0.94968
31099	2.47304	0.80106	0.80106	0.82014
31100	2.43324	0	0	0
31101	2.61853	0.82208	0.82208	0.84605
31102	2.42765	1.01015	1.01015	1.10715
31103	2.43046	0.97788	0.97788	1.06219
31104	2.68675	1.03697	1.03697	1.25232
31105	2.68339	1.00822	1.00822	1.19065
31106	2.65078	0.90913	0.90913	0.97648
31107	2.65167	0.93995	0.93995	1.02223
31108	2.42922	0	0	0
31109	2.64565	0.83228	0.83228	0.80854
31110	2.33797	0.92284	0.92284	0.9414
31111	2.42132	0.80535	0.80535	0.81437
31112	2.53754	0.90386	0.90386	0.98075
31113	2.51658	1.05985	1.05985	1.10497
31114	2.51177	1.0777	1.0777	1.13074
31115	2.51383	1.08075	1.08075	1.13609
31116	2.42766	0.80078	0.80078	0.95159
31117	2.42833	0.77499	0.77499	1.01875
31118	2.56935	1.13077	1.13077	1.23131

31119	2.56944	1.05704	1.05704	1.13622
31120	2.70941	0	0	0
31121	2.623	0.37334	0.37334	0.49673
31122	2.39125	0.81686	0.81686	0.79374
31123	2.40971	0.51946	0.51946	0.74887
31124	2.6941	0.88287	0.88287	1.01151
31125	2.68734	0.84994	0.84994	1.02446
31126	2.68941	0.25127	0.25127	0.35323
31127	2.35637	0.86335	0.86335	0.87353
31128	2.35965	0.66557	0.66557	0.8525
31129	2.43414	0.98909	0.98909	1.06706
31130	2.43337	0.96895	0.96895	1.03944
31131	2.43402	0.94202	0.94202	1.00231
31132	2.4876	0.90318	0.90318	0.95604
31133	2.64004	0.88279	0.88279	0.96689
31134	2.46009	0	0	0
31135	2.28454	0.79874	0.79874	0.77269
31136	2.37311	0.84831	0.84831	0.92023
31137	2.37041	0.89492	0.89492	0.96028
31138	2.36805	0.90171	0.90171	0.94331
31139	2.36967	0.61314	0.61314	0.84949
31140	2.659	0	0	0
31141	2.42606	0.92343	0.92343	0.97456
31142	2.42667	0.86798	0.86798	0.89221
31143	2.65941	0.88217	0.88217	0.96428
31144	2.37754	0.89734	0.89734	0.88316
31145	2.62562	0.96876	0.96876	1.11496
31146	2.57632	0.72455	0.72455	1.07015
31147	2.60285	1.00165	1.00165	1.12169
31148	2.62315	0.79402	0.79402	0.86815
31149	2.40026	0.497	0.497	0.73538
31150	2.67169	0	0	0
31151	2.67019	0.29035	0.29035	0.55155
31152	2.67114	0.32581	0.32581	0.61902
31153	2.72149	0	0	0
31154	2.88043	0.92304	0.92304	0.95687
31155	3.03092	1.30526	1.30526	1.42488
31156	3.01079	1.3145	1.3145	1.42315
31157	2.50521	0.80674	0.80674	0.84138
31158	2.50107	1.03982	1.03982	1.01699
31159	2.5017	1.03494	1.03494	1.01441

31160	2.54267	0.81424	0.81424	0.74776
31161	2.54072	1.137	1.137	1.21935
31162	2.52547	0.82662	0.82662	0.93589
31163	2.51984	0.42951	0.42951	0.69652
31164	2.49504	1.22491	1.22491	1.15102
31165	2.55124	1.0532	1.0532	1.15635
31166	2.75739	0.48089	0.48089	0.7097
31167	2.74728	0.76889	0.76889	0.77778
31168	2.54068	0.75879	0.75879	0.68765
31169	2.3316	0.82473	0.82473	0.81679
31170	2.32683	0.91224	0.91224	0.95625
31171	2.35704	0.92434	0.92434	0.97247
31172	2.28354	0.95181	0.95181	0.97311
31173	2.65506	0.86068	0.86068	1.02349
31174	2.65429	0.76518	0.76518	0.98593
31175	2.67064	0.82917	0.82917	0.93759
31176	2.72091	1.06017	1.06017	1.19059
31177	2.71906	1.07124	1.07124	1.20015
31178	2.71658	1.07735	1.07735	1.20309
31179	2.70832	0.94411	0.94411	1.15209
31180	2.46462	0.89788	0.89788	0.96256
31181	2.5687	0.53433	0.53433	0.73173
31182	2.56716	0.76446	0.76446	0.74368
31183	2.79347	1.10159	1.10159	1.33739
31184	2.78455	1.10814	1.10814	1.34342
31185	2.57719	0.97231	0.97231	1.08969
31186	2.66171	0.64905	0.64905	0.83205
31187	2.66145	0.70748	0.70748	0.90495
31188	2.62697	0.83983	0.83983	0.80258
31189	2.62697	0.75284	0.75284	0.70244
31190	2.68273	0	0	0
31191	2.60012	0.81446	0.81446	0.86088
31192	2.55829	0.28426	0.28426	0.35704
31193	3.04952	1.45316	1.45316	1.40999
31194	3.05843	1.45355	1.45355	1.41132
31195	3.05341	0.8189	0.8189	0.99567
31196	2.92	0.74324	0.74324	0.8845
31197	2.4216	0.89523	0.89523	0.92716
31198	2.39414	0.42953	0.42953	0.5703
31199	2.49397	0.42592	0.42592	0.63012
31200	2.47073	0.80977	0.80977	0.80015

31201	2.47229	0.30122	0.30122	0.4756
31202	2.70074	0	0	0
31203	2.64053	0.16342	0.16342	0.26183
31204	2.59937	0.88114	0.88114	1.18794
31205	2.59149	0.89	0.89	1.04227
31206	2.34924	0	0	0
31207	2.39002	0.74624	0.74624	0.73702
31208	2.71333	0.90657	0.90657	1.01467
31209	2.71119	0.97432	0.97432	1.12039
31210	2.32407	0	0	0
31211	2.32542	1.00121	1.00121	1.08589
31212	2.66359	0	0	0
31213	2.69666	0.85606	0.85606	1.01471
31214	2.69947	0.78289	0.78289	0.94729
31215	2.70111	0.63582	0.63582	0.75907
31216	2.79309	0	0	0
31217	2.61479	0	0	0
31218	2.70761	0	0	0
31219	2.67755	1.04837	1.04837	1.28608
31220	2.6821	0.90918	0.90918	1.1552
31221	2.68256	0.91608	0.91608	1.14984
31222	2.68313	0.90012	0.90012	1.13894
31223	2.49237	0.92299	0.92299	0.99279
31224	2.32701	0.79694	0.79694	0.7907
31225	2.73911	1.10861	1.10861	1.19242
31226	2.74061	1.12228	1.12228	1.21129
31227	2.48743	0.91243	0.91243	1.03608
31228	2.48455	0.94023	0.94023	1.04533
31229	2.67059	1.21562	1.21562	1.26488
31230	2.59658	1.00985	1.00985	1.05491
31231	2.75043	0.91048	0.91048	1.22737
31232	2.64141	0.93378	0.93378	0.9664
31233	2.6349	0.89068	0.89068	0.93557
31234	2.4567	0	0	0
31235	2.4638	0.24748	0.24748	0.4071
31236	2.464	0.08671	0.08671	0.11891
31237	2.64025	0.40417	0.40417	0.53982
31238	2.71678	1.12821	1.12821	1.15116
31239	2.70685	1.12235	1.12235	1.15421
31240	2.7038	1.09821	1.09821	1.12371
31241	2.66989	1.00567	1.00567	0.92256

31242	2.48345	0	0	0
31243	2.29135	0.92955	0.92955	0.95068
31244	2.49866	0.58839	0.58839	0.82603
31245	2.52118	0.88516	0.88516	0.92831
31246	2.51761	0.91824	0.91824	0.96103
31247	2.39554	0	0	0
31248	2.6705	1.01273	1.01273	1.12923
31249	2.69233	0	0	0
31250	2.32035	0.80859	0.80859	0.78183
31251	2.66433	1.15377	1.15377	1.29956
31252	2.66459	1.1525	1.1525	1.29915
31253	2.65865	1.15054	1.15054	1.29948
31254	2.54349	0.92554	0.92554	0.96456
31255	2.77036	0.62937	0.62937	0.72121
31256	2.73457	0.30101	0.30101	0.44745
31257	2.67323	0.99413	0.99413	1.10056
31258	2.417	0.88104	0.88104	0.9243
31259	2.65611	0.87991	0.87991	0.87794
31260	2.64952	0.79772	0.79772	0.88619
31261	2.64524	0.75504	0.75504	0.96081
31262	2.64527	1.07683	1.07683	1.22375
31263	2.64877	1.06893	1.06893	1.2254
31264	2.3245	1.03477	1.03477	1.08965
31265	2.47394	1.13334	1.13334	1.17637
31266	2.58871	0	0	0
31267	2.45352	0.89487	0.89487	0.8751
31268	2.58114	0.80037	0.80037	0.84928
31269	2.49978	0.87316	0.87316	0.9075
31270	2.55118	0.84827	0.84827	0.88081
31271	2.55318	0	0	0
31272	2.60958	0.05539	0.05539	0.16277
31273	2.60558	0.74958	0.74958	0.79148
31274	2.39911	0.9957	0.9957	1.15603
31275	2.91354	0.68947	0.68947	0.80768
31276	2.39658	0.85869	0.85869	0.88086
31277	2.67838	0.82159	0.82159	0.83997
31278	2.51654	0	0	0
31279	2.56361	1.01118	1.01118	1.12482
31280	2.56104	0.37616	0.37616	0.5717
31281	2.63037	1.14546	1.14546	1.25021
31282	2.61604	1.00959	1.00959	1.05787

31283	2.71991	0.71261	0.71261	0.88748
31284	2.52392	0.73849	0.73849	0.76982
31285	2.68124	0	0	0
31286	2.62758	1.24189	1.24189	1.24488
31287	2.53501	1.05395	1.05395	1.03252
31288	2.52028	1.04854	1.04854	1.03723
31289	2.50567	1.03794	1.03794	1.03367
31290	2.36055	0.85577	0.85577	0.84179
31291	2.43676	0.86945	0.86945	0.89659
31292	2.74114	0.92932	0.92932	0.99092
31293	2.75182	0.99715	0.99715	1.01357
31294	2.75073	1.00575	1.00575	0.94898
31295	2.42133	0.8741	0.8741	0.89829
31296	2.50368	0.82106	0.82106	0.91917
31297	2.66886	1.02018	1.02018	1.07376
31298	2.66466	1.02767	1.02767	1.08193
31299	2.67071	1.07687	1.07687	1.03868
31300	2.75731	1.08113	1.08113	1.05101
31301	2.71298	1.26282	1.26282	1.25096
31302	2.43599	0.55679	0.55679	0.76858
31303	2.43561	0.76767	0.76767	0.91204
31304	2.35708	1.1955	1.1955	1.12427
31305	2.56364	1.01162	1.01162	1.19906
31306	2.53597	1.09169	1.09169	1.15101
31307	2.62295	0.88837	0.88837	0.92849
31308	2.59989	0.81647	0.81647	0.84094
31309	2.3937	0.81798	0.81798	0.80532
31310	2.44673	0.87151	0.87151	0.91137
31311	2.48429	1.01726	1.01726	1.03353
31312	2.46272	0.43962	0.43962	0.60743
31313	2.3814	0.8688	0.8688	0.79789
31314	2.31232	0	0	0
31315	2.54334	0.82676	0.82676	0.82816
31316	2.45782	1.01559	1.01559	1.1254
31317	2.46894	0.80919	0.80919	0.8259
31318	2.58762	0.5228	0.5228	0.69093
31319	2.58938	1.03016	1.03016	1.1073
31320	2.52688	0.77891	0.77891	0.90267
31321	2.52736	0.81587	0.81587	0.87073
31322	2.66364	0.9045	0.9045	0.98224
31323	2.53678	0.75741	0.75741	0.74307

31324	2.53803	0.36798	0.36798	0.49917
31325	2.46352	0.88646	0.88646	0.86088
31326	2.59264	0.7511	0.7511	0.96199
31327	2.45011	0.86712	0.86712	1.10643
31328	2.44683	0.95696	0.95696	1.1199
31329	2.44554	0.97237	0.97237	1.12381
31330	2.44504	0.98573	0.98573	1.12824
31331	2.5572	0.92584	0.92584	1.00814
31332	2.554	0.94997	0.94997	1.04531
31333	2.33731	0.79975	0.79975	0.79223
31334	2.52281	0.86266	0.86266	0.94296
31335	2.64531	0.82573	0.82573	0.85187
31336	2.50881	0.08764	0.08764	0.10959
31337	2.41748	0.83525	0.83525	0.84175
31338	2.32384	0	0	0
31339	2.60809	1.03762	1.03762	1.19373
31340	2.59905	0.89627	0.89627	0.98262
31341	2.33183	0.92443	0.92443	0.95687
31342	2.23507	0	0	0
31343	2.58952	0.88404	0.88404	0.94377
31344	2.61355	1.2516	1.2516	1.27238
31345	2.60776	1.25218	1.25218	1.27776
31346	2.68498	0.79006	0.79006	0.79189
31347	2.37714	0.86039	0.86039	0.88821
31348	2.51715	0.52141	0.52141	0.77716
31349	2.54384	0.93443	0.93443	1.08367
31350	2.54716	0.98198	0.98198	1.09982
31351	2.58826	1.03997	1.03997	1.09142
31352	2.37555	0.91509	0.91509	1.12128
31353	2.43275	0.96818	0.96818	1.125
31354	2.5418	0.90524	0.90524	0.95648
31355	2.67098	1.13418	1.13418	1.19065
31356	2.70056	1.14466	1.14466	1.25294
31357	2.51703	0.75476	0.75476	0.72463
31358	2.51854	0.95404	0.95404	1.00136
31359	2.69135	1.30502	1.30502	1.3279
31360	2.45698	0.87926	0.87926	0.87576
31361	2.44469	0.90308	0.90308	1.04811
31362	2.47259	0.88287	0.88287	0.9571
31363	2.50361	0.92489	0.92489	0.99033
31364	2.70855	0.88696	0.88696	0.9869

31365	2.34046	0.91641	0.91641	0.88151
31366	2.3543	0.89739	0.89739	0.92056
31367	2.5543	0.59694	0.59694	0.70207
31368	2.54748	0.97457	0.97457	0.99485
31369	2.54871	0.96016	0.96016	0.97974
31370	2.54938	0.94273	0.94273	0.96255
31371	2.43489	0.81236	0.81236	0.81369
31372	2.44076	0	0	0
31373	2.44121	0.90927	0.90927	0.9291
31374	2.44172	0.93199	0.93199	0.95988
31375	2.44511	0	0	0
31376	2.68326	0.95225	0.95225	0.99215
31377	2.52293	0	0	0
31378	2.86124	1.17497	1.17497	1.31694
31379	2.84566	1.18225	1.18225	1.31903
31380	2.56301	0.85413	0.85413	0.88789
31381	2.55144	0.93617	0.93617	1.05629
31382	2.54916	0.88815	0.88815	0.96297
31383	2.60018	0.82814	0.82814	0.84167
31384	2.59926	0.92816	0.92816	0.96449
31385	2.57865	0.85666	0.85666	0.91207
31386	2.78408	0.36048	0.36048	0.57699
31387	2.75971	0.95763	0.95763	1.08727
31388	2.76109	0.9262	0.9262	1.05331
31389	2.69528	1.16789	1.16789	1.22752
31390	2.68724	1.16978	1.16978	1.22395
31391	2.46051	0.85312	0.85312	1.00952
31392	2.55904	0.99292	0.99292	1.20354
31393	2.77097	1.07863	1.07863	1.22309
31394	2.76595	1.08379	1.08379	1.22691
31395	2.45029	0.94931	0.94931	1.0052
31396	2.55633	0	0	0
31397	2.59616	0.89718	0.89718	0.91677
31398	2.60172	0.95516	0.95516	0.998
31399	2.36132	0.84603	0.84603	0.96547
31400	2.66654	0.94674	0.94674	1.08046
31401	2.32666	0.79873	0.79873	0.78481
31402	2.48342	0.94477	0.94477	1.03605
31403	2.48441	0.95663	0.95663	1.0516
31404	2.69913	1.37653	1.37653	1.22177
31405	2.69551	1.36948	1.36948	1.13106

31406	2.69151	1.36859	1.36859	0.98851
31407	2.69345	1.36889	1.36889	0.93267
31408	2.47368	0.84451	0.84451	0.93805
31409	2.38725	0.96692	0.96692	1.15246
31410	2.82444	1.19944	1.19944	1.36412
31411	2.82377	1.20487	1.20487	1.37094
31412	2.83083	1.19323	1.19323	1.38105
31413	2.81885	1.18994	1.18994	1.38165
31414	2.81407	1.24199	1.24199	1.38906
31415	2.80817	1.21818	1.21818	1.35862
31416	2.80384	1.21729	1.21729	1.35462
31417	2.80567	1.21726	1.21726	1.35998
31418	2.79685	0.87656	0.87656	0.84935
31419	2.77511	0.75404	0.75404	0.66481
31420	2.63901	0.88511	0.88511	0.92098
31421	2.46407	1.05194	1.05194	1.17668
31422	2.49537	1.1435	1.1435	1.21209
31423	2.49428	0.9925	0.9925	1.08401
31424	2.48813	0.82505	0.82505	1.06153
31425	2.58288	0.84794	0.84794	0.88586
31426	2.58269	0.93785	0.93785	1.01778
31427	2.57148	0.95736	0.95736	1.01313
31428	2.57374	0.94033	0.94033	0.99196
31429	2.37199	1.18233	1.18233	1.16415
31430	2.37934	1.17225	1.17225	1.12414
31431	2.60396	0.9295	0.9295	0.94662
31432	2.61753	0	0	0
31433	2.32163	0	0	0
31434	2.58289	0.62467	0.62467	0.72651
31435	2.33882	0	0	0
31436	2.57316	0	0	0
31437	2.56894	1.04054	1.04054	1.04169
31438	2.56739	1.05526	1.05526	1.06851
31439	2.57079	1.08604	1.08604	1.145
31440	2.59715	0	0	0
31441	2.52141	0.80762	0.80762	0.91304
31442	2.50521	0.83063	0.83063	0.8176
31443	2.31898	0.89215	0.89215	0.91498
31444	2.53765	0.33091	0.33091	0.40725
31445	2.54749	1.08107	1.08107	1.07484
31446	2.55982	1.08512	1.08512	1.12612

31447	2.56211	1.06023	1.06023	1.09009
31448	2.40465	0.80361	0.80361	0.79905
31449	2.40683	0	0	0
31450	2.43039	0	0	0
31451	2.46717	0.90084	0.90084	0.93441
31452	2.4358	0.94456	0.94456	0.98118
31453	2.41726	0.82442	0.82442	0.8033
31454	2.77543	0	0	0
31455	2.88612	0.95648	0.95648	1.31413
31456	2.87214	1.16184	1.16184	1.34525
31457	2.86249	0.8864	0.8864	0.94267
31458	2.35705	0	0	0
31459	2.39354	0.90595	0.90595	0.92389
31460	2.68907	1.00155	1.00155	1.08518
31461	2.6151	0.91281	0.91281	0.96482
31462	2.60781	0.73042	0.73042	0.8691
31463	2.59697	0.83049	0.83049	0.84018
31464	2.60641	1.2429	1.2429	1.20919
31465	2.65518	0.97233	0.97233	1.24383
31466	2.65564	0.90277	0.90277	1.23549
31467	2.40723	0.30339	0.30339	0.43931
31468	2.44959	0.61226	0.61226	0.75078
31469	2.45041	0.85109	0.85109	0.90714
31470	2.69741	0.92899	0.92899	0.9893
31471	2.69328	0.96829	0.96829	1.04816
31472	2.77657	1.03561	1.03561	1.13961
31473	2.77594	1.043	1.043	1.14835
31474	2.77067	1.06211	1.06211	1.17316
31475	2.43557	0.57473	0.57473	0.89336
31476	2.46401	0.93371	0.93371	0.92507
31477	2.43958	0	0	0
31478	2.43403	0.80382	0.80382	0.80648
31479	2.43438	0.85824	0.85824	0.88005
31480	2.433	0.87902	0.87902	0.953
31481	2.43977	0.84919	0.84919	0.92831
31482	2.33189	1.04361	1.04361	1.09376
31483	2.51614	0.82383	0.82383	0.80089
31484	2.56286	0.82634	0.82634	0.8355
31485	2.56245	0.93414	0.93414	1.02626
31486	2.42949	1.1302	1.1302	1.23013
31487	2.43549	1.13388	1.13388	1.23568

31488	2.43706	1.13673	1.13673	1.23003
31489	2.55493	0	0	0
31490	2.55458	0.81805	0.81805	0.83621
31491	2.49254	0.86728	0.86728	0.8881
31492	2.49382	0.89932	0.89932	0.93117
31493	2.48649	0.38611	0.38611	0.78197
31494	2.70466	0	0	0
31495	2.57841	0	0	0
31496	2.60222	0.75717	0.75717	0.79955
31497	2.61539	0.84282	0.84282	0.98949
31498	2.61406	0.90388	0.90388	1.02945
31499	2.64104	0.53574	0.53574	0.69387
31500	2.62193	0	0	0
31501	2.45073	0.94803	0.94803	0.98777
31502	2.6798	0.97981	0.97981	1.13214
31503	2.41275	0.95338	0.95338	1.02149
31504	2.47384	0.87591	0.87591	0.88792
31505	2.4674	0.90683	0.90683	0.91622
31506	2.42272	0	0	0
31507	2.78404	0.90453	0.90453	0.98275
31508	2.78219	1.00495	1.00495	1.1291
31509	2.63189	0.18524	0.18524	0.27207
31510	2.40589	0.89322	0.89322	0.94615
31511	2.43963	0	0	0
31512	2.40473	0.86183	0.86183	0.88137
31513	2.46226	0.68774	0.68774	0.84046
31514	2.31196	0.98565	0.98565	1.00547
31515	2.33413	1.00511	1.00511	1.03361
31516	2.36719	1.08907	1.08907	1.17224
31517	2.4864	0.4315	0.4315	0.65608
31518	2.53529	0.99584	0.99584	1.09791
31519	2.47207	0.81598	0.81598	0.82444
31520	2.47169	0	0	0
31521	2.66059	0.97542	0.97542	1.17017
31522	2.81502	1.08952	1.08952	1.22457
31523	2.817	1.10373	1.10373	1.23839
31524	2.81546	1.21457	1.21457	1.37974
31525	2.81939	1.22305	1.22305	1.39057
31526	2.66825	0.99742	0.99742	1.1389
31527	2.67519	1.02919	1.02919	1.21024
31528	2.67386	1.04583	1.04583	1.21398

31529	2.54065	0	0	0
31530	2.69481	0	0	0
31531	2.32354	0	0	0
31532	2.3281	0.91075	0.91075	0.97015
31533	2.45927	0.87287	0.87287	0.89026
31534	2.41638	0.81594	0.81594	0.82269
31535	2.3244	1.03857	1.03857	1.11044
31536	2.32497	1.03467	1.03467	1.09731
31537	2.55527	0.16587	0.16587	0.23556
31538	2.61726	0	0	0
31539	2.6184	1.24342	1.24342	1.23615
31540	2.4832	0.92382	0.92382	1.00784
31541	2.48175	0.88256	0.88256	0.94527
31542	2.49166	0.83723	0.83723	0.86318
31543	2.43709	0.6699	0.6699	1.18997
31544	2.61324	0.91437	0.91437	0.9517
31545	2.61433	0.88699	0.88699	0.91998
31546	2.45064	0.8831	0.8831	0.90267
31547	2.51099	0	0	0
31548	2.44321	0.53965	0.53965	0.61562
31549	2.5089	0.89446	0.89446	0.96021
31550	2.55687	1.02807	1.02807	1.11763
31551	2.58735	1.02259	1.02259	1.08738
31552	2.5871	0.88659	0.88659	0.91034
31553	2.34784	1.11182	1.11182	1.21782
31554	2.66168	0.97457	0.97457	1.05788
31555	2.65848	0.99287	0.99287	1.06618
31556	2.73626	1.10022	1.10022	1.12697
31557	2.73179	0	0	0.29712
31558	2.5121	0.42203	0.42203	0.57158
31559	2.28357	0.85434	0.85434	0.86158
31560	2.29094	0.97715	0.97715	0.99952
31561	2.6041	0.87052	0.87052	0.94207
31562	2.67822	1.03018	1.03018	1.11788
31563	2.53075	0	0	0
31564	2.66645	1.05478	1.05478	1.26458
31565	2.58078	0.97917	0.97917	1.16035
31566	2.5839	0.80584	0.80584	1.05848
31567	2.45917	0	0	0
31568	2.45698	0.94188	0.94188	1.00973
31569	2.45708	1.0725	1.0725	1.20261

31570	2.47972	0.88537	0.88537	1.06651
31571	2.33563	0.80617	0.80617	0.79104
31572	2.43449	0.87041	0.87041	0.89528
31573	2.43394	0.81611	0.81611	0.82178
31574	2.46013	0.99445	0.99445	1.09987
31575	2.45778	0.96831	0.96831	1.0946
31576	2.62036	0.61038	0.61038	0.80717
31577	2.64396	1.07522	1.07522	1.13092
31578	2.50542	0.87983	0.87983	0.88655
31579	2.3981	0.81126	0.81126	0.80325
31580	2.74849	0	0	0
31581	2.66521	0.68607	0.68607	0.7229
31582	2.84275	1.28497	1.28497	1.31493
31583	2.84287	1.29133	1.29133	1.32104
31584	2.843	1.29051	1.29051	1.31898
31585	2.84655	1.29025	1.29025	1.32201
31586	2.85746	1.24957	1.24957	1.28653
31587	2.69636	0.87631	0.87631	1.00626
31588	2.50663	0.9793	0.9793	0.98671
31589	2.50698	1.002	1.002	1.00326
31590	2.58918	0	0	0
31591	2.38317	0	0	0
31592	2.35146	0	0	0
31593	2.56521	0.85655	0.85655	0.90895
31594	2.56411	0.82187	0.82187	0.84676
31595	2.84941	0.84305	0.84305	0.88032
31596	2.85145	0.95734	0.95734	1.05611
31597	2.32825	0	0	0
31598	2.75406	1.36181	1.36181	1.17781
31599	2.75451	1.36168	1.36168	1.17682
31600	2.43062	1.01064	1.01064	1.06637
31601	2.62239	0.80747	0.80747	0.87384
31602	2.6345	1.16875	1.16875	1.2738
31603	2.64352	0.6099	0.6099	0.69513
31604	2.55474	0	0	0
31605	2.45652	0.41661	0.41661	0.4698
31606	2.60303	0.54214	0.54214	0.6998
31607	2.61322	0.51246	0.51246	0.65347
31608	2.68779	0.90006	0.90006	1.0748
31609	2.55193	0.80122	0.80122	0.827
31610	2.38004	0.94044	0.94044	0.98817

31611	2.3695	0	0	0
31612	2.5367	0.90814	0.90814	0.97733
31613	2.60211	0.99211	0.99211	1.09165
31614	2.56623	0	0	0
31615	2.45516	0.81682	0.81682	0.81978
31616	2.39302	0.90261	0.90261	0.85256
31617	2.49025	0.95385	0.95385	1.06281
31618	2.48657	0.98564	0.98564	1.11379
31619	2.44459	0.98183	0.98183	1.04299
31620	2.43108	0.27785	0.27785	0.39764
31621	2.51154	0.89785	0.89785	0.97586
31622	2.57618	1.03934	1.03934	1.22228
31623	2.37392	0.92061	0.92061	0.95355
31624	2.36538	1.08642	1.08642	1.17849
31625	2.4748	0.81571	0.81571	0.81641
31626	2.67049	1.14392	1.14392	1.23963
31627	2.63958	0.9991	0.9991	1.05218
31628	2.64004	0.98184	0.98184	1.04122
31629	2.55753	0.74118	0.74118	0.65793
31630	2.5749	0.63921	0.63921	0.79578
31631	2.64291	1.02044	1.02044	1.14065
31632	2.65242	0.77076	0.77076	0.83543
31633	2.32794	0	0	0
31634	2.68268	1.10819	1.10819	1.12207
31635	2.6815	1.10662	1.10662	1.14329
31636	2.6265	0.84991	0.84991	0.88291
31637	2.634	1.01775	1.01775	1.07324
31638	2.62632	1.03133	1.03133	1.15832
31639	2.62482	1.05753	1.05753	1.13757
31640	2.59318	0.8073	0.8073	0.75873
31641	2.48539	0	0	0
31642	2.39726	0.82777	0.82777	0.80003
31643	2.59435	0.94752	0.94752	0.97306
31644	2.48067	0.97146	0.97146	1.2196
31645	2.33307	0	0	0
31646	2.70784	0.97893	0.97893	1.01689
31647	2.63851	0.80503	0.80503	1.017
31648	2.40289	0	0	0
31649	2.57206	0.81612	0.81612	0.76022
31650	2.42528	0.27283	0.27283	0.37795
31651	2.46123	0.99577	0.99577	1.06499

31652	2.44646	0.98175	0.98175	1.03855
31653	2.4532	0.9586	0.9586	1.00498
31654	2.45873	0.82405	0.82405	0.80533
31655	2.29715	0	0	0
31656	2.61953	0.9249	0.9249	0.95558
31657	2.25074	0	0	0
31658	2.27071	0	0	0
31659	2.50412	0.81028	0.81028	0.815
31660	2.5041	0.92134	0.92134	0.97824
31661	2.50376	1.00521	1.00521	1.09358
31662	2.44602	0.34717	0.34717	0.49755
31663	2.2963	0.86915	0.86915	0.85722
31664	2.29608	0.9405	0.9405	0.96481
31665	2.2992	0.81559	0.81559	0.77898
31666	2.37204	0.50338	0.50338	0.74342
31667	2.49517	0.9908	0.9908	1.0472
31668	2.49368	1.03848	1.03848	1.11134
31669	2.57996	0	0	0
31670	2.54165	0	0	0
31671	2.51295	0.993	0.993	1.19247
31672	2.50345	0.8666	0.8666	0.93381
31673	2.39849	0.85981	0.85981	0.87166
31674	2.39805	0.74438	0.74438	0.71264
31675	2.65047	1.01414	1.01414	1.08464
31676	2.4488	0.8197	0.8197	0.91159
31677	2.52104	0.08901	0.08901	0.13026
31678	2.52176	0.82874	0.82874	0.82778
31679	2.41627	0.63244	0.63244	0.89214
31680	2.44568	0.81567	0.81567	0.81671
31681	2.54917	0.96454	0.96454	0.9628
31682	2.54823	1.10482	1.10482	1.1687
31683	2.54268	1.10907	1.10907	1.16865
31684	2.53995	1.10942	1.10942	1.13778
31685	2.33903	0	0	0
31686	2.67685	0.86238	0.86238	0.99607
31687	2.60722	0.76687	0.76687	0.75483
31688	2.55061	0.33465	0.33465	0.47188
31689	2.59532	0.87441	0.87441	0.92047
31690	2.71175	0.97189	0.97189	1.01958
31691	2.81392	1.28313	1.28313	1.24447
31692	2.37461	0.80549	0.80549	0.78009

31693	2.50813	0.74559	0.74559	0.78893
31694	2.49817	0.79892	0.79892	0.84503
31695	2.4717	0.10962	0.10962	0.22195
31696	2.43713	0.81246	0.81246	0.81157
31697	2.34817	0.81576	0.81576	0.79364
31698	2.4669	0.87058	0.87058	0.89434
31699	2.57159	0.82466	0.82466	0.83412
31700	2.39811	0.98555	0.98555	1.05484
31701	2.8364	0.87725	0.87725	0.96643
31702	2.49013	0	0	0
31703	2.58398	1.07449	1.07449	1.17846
31704	2.47601	0	0	0
31705	2.45798	0.57646	0.57646	0.80573
31706	2.56559	1.03834	1.03834	1.16866
31707	2.7163	0.35616	0.35616	0.57497
31708	2.7347	0.90987	0.90987	0.92919
31709	2.68347	0.35675	0.35675	0.58142
31710	2.68346	0.83072	0.83072	0.91475
31711	2.63565	0.92516	0.92516	0.91239
31712	2.47516	0.806	0.806	0.83315
31713	2.39524	0.82244	0.82244	0.80641
31714	2.59933	0.81999	0.81999	0.99467
31715	2.44286	1.17255	1.17255	1.20549
31716	2.43646	1.17593	1.17593	1.18471
31717	2.36949	0.80113	0.80113	0.78984
31718	2.36295	0.73702	0.73702	0.77378
31719	2.50685	0.81771	0.81771	0.82389
31720	2.50726	0	0	0
31721	2.38996	0	0	0
31722	2.46143	0.8221	0.8221	0.81901
31723	2.45337	0.82137	0.82137	0.81782
31724	2.50823	0	0	0
31725	2.59289	0.62024	0.62024	0.62042
31726	2.59052	0.68394	0.68394	0.741
31727	2.59081	0.78051	0.78051	0.83957
31728	2.5858	0.7387	0.7387	0.80939
31729	2.64447	1.01619	1.01619	1.22617
31730	2.69124	1.05378	1.05378	1.18496
31731	2.57965	0.32219	0.32219	0.41689
31732	2.6304	0.87521	0.87521	0.92723
31733	2.43066	0.39498	0.39498	0.62677

31734	2.43095	1.12193	1.12193	1.13454
31735	2.42952	1.1143	1.1143	1.1795
31736	2.45081	0.86108	0.86108	0.85869
31737	2.44998	0	0	0
31738	2.51141	1.04421	1.04421	1.1334
31739	2.50504	1.03989	1.03989	1.13277
31740	2.50661	1.00395	1.00395	1.11548
31741	2.43663	0.98505	0.98505	1.05119
31742	2.62473	1.01458	1.01458	1.13906
31743	2.26474	0.63781	0.63781	0.88911
31744	2.61547	0.87044	0.87044	0.96224
31745	2.79141	1.09895	1.09895	1.08384
31746	2.82217	1.36146	1.36146	1.26379
31747	2.81419	1.36279	1.36279	1.26854
31748	2.80425	1.36456	1.36456	1.28755
31749	2.7626	1.36425	1.36425	1.27334
31750	2.69048	0.87644	0.87644	1.03658
31751	2.57444	1.02389	1.02389	1.11106
31752	2.55545	1.01512	1.01512	1.08577
31753	2.69195	1.11558	1.11558	1.29506
31754	2.69052	1.0595	1.0595	1.21218
31755	2.69186	0.94186	0.94186	1.03792
31756	2.69368	0.91085	0.91085	0.99347
31757	2.3943	0.64261	0.64261	0.91855
31758	2.55894	0	0	0
31759	2.56417	0.80374	0.80374	0.85662
31760	2.5647	0.92461	0.92461	0.9575
31761	2.66915	1.13463	1.13463	1.20432
31762	2.66275	1.12582	1.12582	1.21416
31763	2.73027	1.12441	1.12441	1.23682
31764	2.72458	1.12112	1.12112	1.22849
31765	2.7623	0.91622	0.91622	0.91418
31766	3.05184	1.19746	1.19746	1.4963
31767	2.46219	0.81073	0.81073	0.82954
31768	2.47452	0	0	0
31769	2.41674	0	0	0
31770	2.54543	0.86351	0.86351	0.88189
31771	2.55215	0.45394	0.45394	0.73254
31772	2.55074	0.75315	0.75315	0.74026
31773	2.54588	0	0	0.29266
31774	2.45659	1.17531	1.17531	1.25441

31775	2.45708	1.16096	1.16096	1.23424
31776	2.45885	1.15427	1.15427	1.22736
31777	2.46146	1.14664	1.14664	1.21587
31778	2.46088	1.14364	1.14364	1.20865
31779	2.45781	0.97619	0.97619	1.02939
31780	2.58699	0	0	0
31781	2.84053	1.17416	1.17416	1.26658
31782	2.42893	0.90954	0.90954	0.93712
31783	2.41195	0.89106	0.89106	0.91551
31784	2.78002	0.9491	0.9491	1.10109
31785	2.78192	0.96545	0.96545	1.12466
31786	2.61128	0.97574	0.97574	1.06255
31787	2.71678	1.01677	1.01677	1.07641
31788	2.70749	1.02527	1.02527	1.08409
31789	2.4572	0.95044	0.95044	0.99069
31790	2.47009	1.06013	1.06013	1.18056
31791	2.61265	0.31873	0.31873	0.4812
31792	2.58551	0.85904	0.85904	0.83245
31793	2.61048	0.84406	0.84406	0.8606
31794	2.35728	0.7839	0.7839	0.78562
31795	2.36386	0.73068	0.73068	0.71079
31796	2.57887	0.2781	0.2781	0.41116
31797	2.52707	0.81226	0.81226	0.82938
31798	2.49224	0.84773	0.84773	0.86786
31799	2.49256	0.95324	0.95324	1.01341
31800	2.48394	0.64775	0.64775	0.91597
31801	2.56362	0.83532	0.83532	0.82579
31802	2.39835	0.8131	0.8131	0.7918
31803	2.3474	0.8886	0.8886	0.91596
31804	2.74431	0.7411	0.7411	0.79344
31805	2.74224	0.82801	0.82801	0.91178
31806	2.74671	0.27527	0.27527	0.53036
31807	2.66596	0	0	0
31808	2.4268	0.75178	0.75178	0.72967
31809	2.5203	0.83439	0.83439	0.84003
31810	2.78425	0.82178	0.82178	0.88086
31811	2.3836	0.98973	0.98973	1.08957
31812	2.43464	0.34569	0.34569	0.45394
31813	2.50926	0.86738	0.86738	0.8998
31814	2.71573	0.61173	0.61173	0.80951
31815	2.71557	0.89251	0.89251	0.92677

31816	2.6081	1.06342	1.06342	1.21882
31817	2.35934	0.90706	0.90706	0.92576
31818	2.28364	0.81213	0.81213	0.78171
31819	2.57234	0.79929	0.79929	0.80196
31820	2.57399	0.66976	0.66976	0.81494
31821	2.49302	0.89087	0.89087	0.91732
31822	2.3047	0.90291	0.90291	0.93357
31823	2.44322	0.94918	0.94918	1.01273
31824	2.44313	0.86254	0.86254	0.89096
31825	2.64279	0.89121	0.89121	0.93116
31826	2.53513	0.81886	0.81886	0.83247
31827	2.60441	0.08666	0.08666	0.12557
31828	2.49088	0.86187	0.86187	0.93433
31829	2.49512	0.98063	0.98063	1.14326
31830	2.59029	0.99104	0.99104	1.11942
31831	2.30866	0.79629	0.79629	1.1316
31832	2.43757	0.80322	0.80322	0.81495
31833	2.44896	0.91409	0.91409	0.98306
31834	2.48871	0	0	0
31835	2.47363	0	0	0
31836	2.58707	0	0	0
31837	2.65261	0.81328	0.81328	0.96705
31838	2.60562	0	0	0
31839	2.60546	0.85803	0.85803	0.86536
31840	2.6036	0.90225	0.90225	0.93001
31841	2.70386	0.82441	0.82441	1.09985
31842	2.54456	0.26426	0.26426	0.37231
31843	2.67407	0.96584	0.96584	1.04416
31844	2.67495	0.94761	0.94761	1.0183
31845	2.68489	0.86617	0.86617	0.95377
31846	2.67539	0.81141	0.81141	0.85731
31847	2.55624	0.23407	0.23407	0.32493
31848	2.56328	0.97626	0.97626	1.00189
31849	2.55699	0.9366	0.9366	0.9558
31850	2.42066	0	0	0
31851	2.44515	0.99195	0.99195	1.0396
31852	2.36222	0.80795	0.80795	0.97883
31853	2.578	0.89305	0.89305	0.98618
31854	2.57707	0.92358	0.92358	1.03673
31855	2.4641	0.76027	0.76027	0.90109
31856	2.68862	1.03638	1.03638	1.20838

31857	2.5732	0.83101	0.83101	0.83713
31858	2.68246	0.77619	0.77619	0.79768
31859	2.67953	1.00439	1.00439	1.06157
31860	2.4712	0.82582	0.82582	0.81806
31861	2.46678	0.27326	0.27326	0.38574
31862	2.54555	0.9425	0.9425	1.00223
31863	2.50902	0.43353	0.43353	0.5182
31864	2.62734	1.04053	1.04053	1.06005
31865	2.62472	0.9944	0.9944	1.00427
31866	2.75572	1.05552	1.05552	1.19612
31867	2.75835	1.09033	1.09033	1.26065
31868	2.53841	1.06237	1.06237	1.17106
31869	2.77129	0.81344	0.81344	0.86413
31870	2.76618	0.8706	0.8706	0.96224
31871	2.76146	0.82644	0.82644	0.91776
31872	2.56751	1.00652	1.00652	1.20564
31873	2.5551	0.82375	0.82375	0.83751
31874	2.56275	0.99827	0.99827	1.12449
31875	2.5557	0.781	0.781	0.82492
31876	2.61233	0.82179	0.82179	0.83201
31877	2.67462	0.92866	0.92866	0.9642
31878	2.58657	0.4154	0.4154	0.58077
31879	2.66286	0.7694	0.7694	0.82337
31880	2.60066	0.29682	0.29682	0.49782
31881	2.56631	1.09077	1.09077	1.15815
31882	2.56711	1.08224	1.08224	1.14004
31883	2.50871	0.87088	0.87088	0.90517
31884	2.51797	0.90408	0.90408	0.9149
31885	2.40247	0.74369	0.74369	0.66273
31886	2.42779	0.82179	0.82179	0.82069
31887	2.66264	1.02997	1.02997	1.19976
31888	2.67427	0.95082	0.95082	1.01329
31889	2.6725	1.01182	1.01182	1.10994
31890	2.64103	0.84192	0.84192	0.84138
31891	2.53354	0.37774	0.37774	0.43857
31892	2.65256	1.05838	1.05838	1.14016
31893	2.32017	0.21963	0.21963	0.55332
31894	2.73057	1.14291	1.14291	1.25881
31895	2.34006	0.93414	0.93414	0.96963
31896	2.43251	0.80316	0.80316	0.86695
31897	2.55207	0.56577	0.56577	0.96848

31898	2.46652	0.87818	0.87818	1.08568
31899	2.55611	1.17963	1.17963	1.14639
31900	2.42696	0.87375	0.87375	0.88959
31901	2.39648	0.38858	0.38858	0.59015
31902	2.36305	0.88861	0.88861	0.88857
31903	2.51953	1.01524	1.01524	1.09291
31904	2.58624	0.25737	0.25737	0.33809
31905	2.59325	0.93388	0.93388	1.00214
31906	2.61703	1.13626	1.13626	1.16372
31907	2.57514	0.8739	0.8739	0.93906
31908	2.56622	0.90454	0.90454	0.93544
31909	2.74719	1.10886	1.10886	1.24725
31910	2.92769	1.37451	1.37451	1.22072
31911	2.91409	1.37457	1.37457	1.19633
31912	2.50391	0.87672	0.87672	0.90244
31913	2.53538	0.46189	0.46189	0.68829
31914	2.5714	0	0	0
31915	2.43592	0	0	0
31916	2.59295	0.84826	0.84826	1.19858
31917	2.59661	0.42799	0.42799	0.60453
31918	2.59426	0.93267	0.93267	0.9022
31919	2.36108	0	0	0
31920	2.8128	0.82256	0.82256	0.80527
31921	2.8848	1.3241	1.3241	1.28193
31922	2.88164	1.14239	1.14239	1.33625
31923	2.8882	1.14674	1.14674	1.36655
31924	2.89842	1.22023	1.22023	1.37799
31925	2.73208	1.32282	1.32282	1.33172
31926	2.74939	1.32199	1.32199	1.35566
31927	2.72502	0.93199	0.93199	0.97296
31928	2.60632	0.94658	0.94658	0.97824
31929	2.67052	0.92637	0.92637	0.95458
31930	2.68453	0.87092	0.87092	0.93338
31931	2.69199	0	0	0
31932	2.69408	1.06484	1.06484	1.13432
31933	2.69553	1.05534	1.05534	1.12158
31934	2.69895	1.06434	1.06434	1.19794
31935	2.68695	0.89102	0.89102	0.92751
31936	2.70624	1.18376	1.18376	1.2903
31937	2.53961	1.07484	1.07484	1.13134
31938	2.33124	0.51346	0.51346	0.67646

31939	2.62438	0.88477	0.88477	0.92427
31940	2.64209	1.1033	1.1033	1.14106
31941	2.65845	0.67585	0.67585	0.92705
31942	2.62809	0.6657	0.6657	0.91605
31943	2.65858	0.59776	0.59776	0.68227
31944	2.57591	0.82462	0.82462	0.83686
31945	2.47151	1.1507	1.1507	1.2615
31946	2.36192	0.819	0.819	0.79139
31947	2.40681	0	0	0.16951
31948	2.40709	0.80307	0.80307	0.79186
31949	2.5005	0	0	0
31950	2.49859	0.81056	0.81056	0.82215
31951	2.69359	0.82392	0.82392	0.80454
31952	2.69401	0.66284	0.66284	0.77864
31953	2.38554	0.17123	0.17123	0.23557
31954	2.41658	1.06506	1.06506	1.17311
31955	2.42991	1.0499	1.0499	1.15993
31956	2.62499	0.97009	0.97009	1.01057
31957	2.86926	0.89771	0.89771	0.97283
31958	2.78861	0.83788	0.83788	0.87269
31959	2.49159	0.93987	0.93987	0.98879
31960	2.75189	1.01225	1.01225	1.12624
31961	2.76008	1.1377	1.1377	1.29514
31962	2.75682	0.8448	0.8448	0.87321
31963	2.75598	0.98219	0.98219	1.06863
31964	2.61585	1.20715	1.20715	1.30367
31965	2.43371	0.15447	0.15447	0.22147
31966	2.45912	0.84009	0.84009	0.85778
31967	2.45923	0.80779	0.80779	0.81037
31968	2.73065	0.71562	0.71562	0.79142
31969	2.74025	0.86544	0.86544	0.92553
31970	2.43384	0.84652	0.84652	0.87525
31971	2.51307	1.05023	1.05023	1.05454
31972	2.49912	1.2264	1.2264	1.14084
31973	2.40844	0.83537	0.83537	0.81219
31974	2.4209	0	0	0
31975	2.39881	0	0	0
31976	2.45343	0	0	0
31977	2.39171	0.94981	0.94981	1.0003
31978	2.44778	0.98938	0.98938	0.90014
31979	2.4688	1.0037	1.0037	0.97427

31980	2.62749	1.13535	1.13535	1.26839
31981	2.62268	1.20548	1.20548	1.24711
31982	2.43272	0.84144	0.84144	0.91793
31983	2.49129	0	0	0
31984	2.48929	0.05483	0.05483	0.07556
31985	2.39758	0.92751	0.92751	0.95099
31986	2.39649	0.90484	0.90484	0.91907
31987	2.51904	0.81144	0.81144	0.83488
31988	2.57701	1.05144	1.05144	1.23876
31989	2.53105	0.42173	0.42173	0.55141
31990	2.50433	0.6341	0.6341	0.73479
31991	2.82272	0.72758	0.72758	0.72952
31992	2.80472	1.03692	1.03692	1.11119
31993	2.80446	0.9582	0.9582	1.00814
31994	2.46521	0.84651	0.84651	1.06281
31995	2.76105	1.05936	1.05936	1.22938
31996	2.73681	1.07603	1.07603	1.23997
31997	2.73849	1.08734	1.08734	1.24013
31998	2.73892	1.09355	1.09355	1.24475
31999	2.64863	0.698	0.698	0.8538
32000	2.54889	0.99335	0.99335	1.16409
32001	2.2929	0	0	0
32002	2.60649	1.03779	1.03779	1.20389
32003	2.56237	0	0	0
32004	2.5609	0.99528	0.99528	1.11929
32005	2.57839	0.81399	0.81399	1.12927
32006	2.60468	1.01346	1.01346	1.20229
32007	2.59465	0.96196	0.96196	1.11463
32008	2.54607	0.43257	0.43257	0.62445
32009	2.5214	0.81783	0.81783	0.82575
32010	2.34228	0.44739	0.44739	0.54225
32011	2.56602	0.94277	0.94277	1.06483
32012	2.53118	0	0	0
32013	2.49995	0.86385	0.86385	0.9147
32014	2.40734	0	0	0
32015	2.6195	1.07174	1.07174	1.2103
32016	2.61848	1.06686	1.06686	1.22083
32017	2.3929	0	0	0
32018	2.60097	1.01525	1.01525	1.23398
32019	2.56247	0.76447	0.76447	0.7495
32020	2.64334	0.93496	0.93496	0.96768

32021	2.40904	0.81967	0.81967	0.81214
32022	2.68361	0	0	0
32023	2.63727	0.72865	0.72865	0.78443
32024	2.63301	0.0874	0.0874	0.33068
32025	2.47867	1.04397	1.04397	1.16044
32026	2.52842	0.93604	0.93604	1.06509
32027	2.32962	0.8989	0.8989	0.90266
32028	2.49739	0.99661	0.99661	1.03423
32029	2.65797	1.04339	1.04339	1.21773
32030	2.30326	0.89374	0.89374	0.91733
32031	2.63212	0.8891	0.8891	0.97644
32032	2.63192	0.96763	0.96763	1.05445
32033	2.62729	0.7851	0.7851	0.9712
32034	2.62077	0	0	0
32035	2.84495	1.13589	1.13589	1.32184
32036	2.83401	1.13858	1.13858	1.31541
32037	2.32366	0.9816	0.9816	1.0274
32038	2.54372	1.08964	1.08964	1.27157
32039	2.44066	0	0	0
32040	2.45569	0.94274	0.94274	0.99822
32041	2.44524	0.31845	0.31845	0.44725
32042	2.49053	0.96294	0.96294	1.05632
32043	2.40137	0.95333	0.95333	0.9944
32044	2.37153	0.22074	0.22074	0.31086
32045	2.48191	0.95466	0.95466	1.03343
32046	2.48107	0.81248	0.81248	0.82158
32047	2.52963	0.81477	0.81477	0.88059
32048	2.52941	0.77318	0.77318	0.9856
32049	2.6223	1.08256	1.08256	1.18523
32050	2.63332	1.08526	1.08526	1.17788
32051	2.58456	0.57175	0.57175	0.78318
32052	2.47836	1.00043	1.00043	1.11703
32053	2.44067	1.08352	1.08352	1.15829
32054	2.72823	0.81275	0.81275	0.8856
32055	2.53241	1.11568	1.11568	1.13366
32056	2.29715	0.59106	0.59106	0.68969
32057	2.38978	0.81001	0.81001	1.05579
32058	2.46097	0.91502	0.91502	1.02132
32059	2.58231	0	0	0
32060	2.65004	1.09088	1.09088	1.1658
32061	2.64727	1.08551	1.08551	1.15479

32062	2.73348	1.00257	1.00257	1.24559
32063	2.72348	0.98694	0.98694	1.24522
32064	2.59879	0.92688	0.92688	0.97534
32065	2.7915	1.29295	1.29295	1.3129
32066	2.77021	1.28063	1.28063	1.33165
32067	2.7569	1.27981	1.27981	1.32831
32068	2.7521	1.27828	1.27828	1.32174
32069	2.75737	1.22518	1.22518	1.30064
32070	2.61586	0.28427	0.28427	0.48131
32071	2.64219	1.12799	1.12799	1.30956
32072	2.66953	0.94651	0.94651	1.02969
32073	2.6761	0.86191	0.86191	0.90671
32074	2.60108	0.83024	0.83024	0.85129
32075	2.57986	0.65815	0.65815	0.8766
32076	2.59022	0.8973	0.8973	0.92047
32077	2.58697	0.8404	0.8404	0.84252
32078	2.60027	0.58482	0.58482	0.80944
32079	2.6033	0.9229	0.9229	1.07156
32080	2.45679	0.74535	0.74535	0.71929
32081	2.49051	0.92163	0.92163	1.16221
32082	2.65722	0.95068	0.95068	1.08132
32083	2.62391	0.8292	0.8292	0.85077
32084	2.63285	1.00231	1.00231	1.16552
32085	2.64269	0	0	0
32086	2.43882	0.81033	0.81033	0.80058
32087	2.51035	0.94569	0.94569	1.00126
32088	2.51039	0.95907	0.95907	1.02177
32089	2.51714	0.99468	0.99468	1.11276
32090	2.33391	0.72898	0.72898	0.68162
32091	2.38235	0.80402	0.80402	0.80174
32092	2.47284	0.54666	0.54666	0.79937
32093	2.56038	0.83351	0.83351	0.84115
32094	2.67973	0.83539	0.83539	0.85113
32095	2.53821	0.8139	0.8139	0.76125
32096	2.51299	0.93499	0.93499	1.05539
32097	2.34214	0.88076	0.88076	0.94346
32098	2.34687	0.73589	0.73589	0.76993
32099	2.41799	0.65952	0.65952	0.90577
32100	2.41695	0.74781	0.74781	0.76725
32101	2.66735	0.7644	0.7644	0.75946
32102	2.60447	0.83065	0.83065	0.84264

32103	2.8494	0.1596	0.1596	0.20594
32104	2.85636	1.36348	1.36348	1.16587
32105	2.88059	1.39126	1.39126	1.34355
32106	2.87152	1.39141	1.39141	1.34377
32107	2.84658	1.39153	1.39153	1.33809
32108	2.78847	1.3403	1.3403	1.25078
32109	2.7783	1.42422	1.42422	0.98471
32110	2.89919	1.26947	1.26947	1.37041
32111	2.89706	1.26	1.26	1.3434
32112	2.89276	1.25973	1.25973	1.36116
32113	2.80642	0.99682	0.99682	1.05353
32114	2.48741	0.97198	0.97198	1.04703
32115	2.4851	0	0	0
32116	2.77877	1.21096	1.21096	1.31414
32117	2.46083	1.00399	1.00399	1.06139
32118	2.71424	0.85429	0.85429	0.88509
32119	2.62387	0.93956	0.93956	1.09907
32120	2.60327	0.94947	0.94947	1.07336
32121	2.53779	0.98792	0.98792	1.06344
32122	2.53654	0.99918	0.99918	1.06709
32123	2.72777	0.65585	0.65585	1.06299
32124	2.67191	1.16881	1.16881	1.3289
32125	2.70091	0.97518	0.97518	1.12967
32126	2.70246	0.82207	0.82207	1.01474
32127	2.40562	0.31969	0.31969	0.46385
32128	2.74923	1.01847	1.01847	1.05467
32129	2.59132	0.84389	0.84389	0.83969
32130	2.81468	0.9079	0.9079	0.95
32131	2.81223	0.9654	0.9654	1.05763
32132	2.80175	1.01896	1.01896	1.21658
32133	2.51515	1.05938	1.05938	1.12245
32134	2.55392	0.85038	0.85038	0.89404
32135	2.54377	0	0	0
32136	2.58551	1.09022	1.09022	1.21563
32137	2.61212	1.15029	1.15029	1.34488
32138	2.61192	1.03596	1.03596	1.24839
32139	2.71255	1.15838	1.15838	1.27069
32140	2.7156	0.97428	0.97428	1.23729
32141	2.35542	0.8002	0.8002	0.79873
32142	2.8737	1.14304	1.14304	1.25568
32143	2.87158	1.14673	1.14673	1.26009

32144	2.84795	1.1698	1.1698	1.2803
32145	2.82944	1.17212	1.17212	1.2652
32146	2.25715	0	0	0
32147	2.25698	0.88694	0.88694	0.90042
32148	2.61766	0.80685	0.80685	0.75829
32149	2.57704	0.83291	0.83291	0.83344
32150	2.57256	0	0	0
32151	2.39899	0.74657	0.74657	0.72132
32152	2.75898	0.91151	0.91151	0.97327
32153	2.76034	0.91877	0.91877	0.98361
32154	2.53091	0.98488	0.98488	1.03527
32155	2.74386	1.04037	1.04037	1.23764
32156	2.36218	0.05517	0.05517	0.08378
32157	2.39239	0.87446	0.87446	0.88967
32158	2.42353	0.87519	0.87519	0.926
32159	2.3864	0.74415	0.74415	0.8342
32160	2.46429	0.81265	0.81265	0.80724
32161	2.62545	0.8389	0.8389	0.85085
32162	2.73262	0.17873	0.17873	0.22912
32163	2.70434	0.79976	0.79976	0.81452
32164	2.70458	0.49749	0.49749	0.64343
32165	2.72881	0	0	0
32166	2.5177	0.0546	0.0546	0.07048
32167	2.51378	0.81582	0.81582	0.82609
32168	2.51404	0.73207	0.73207	0.74444
32169	2.36603	0.9226	0.9226	0.94175
32170	2.41762	0.53513	0.53513	0.90085
32171	2.67721	0.92431	0.92431	1.03641
32172	2.67604	0.85166	0.85166	0.93834
32173	2.49006	0.35148	0.35148	0.48266
32174	2.55046	0.94091	0.94091	0.99786
32175	2.55287	0.74551	0.74551	0.72067
32176	2.32968	0.81497	0.81497	0.78668
32177	2.38128	1.10523	1.10523	1.23805
32178	2.72799	0.54969	0.54969	0.79821
32179	2.78168	0	0	0
32180	2.74084	1.26708	1.26708	1.25351
32181	2.75146	1.26264	1.26264	1.28475
32182	2.74439	1.26136	1.26136	1.27917
32183	2.7449	1.1661	1.1661	1.28348
32184	2.73774	1.16383	1.16383	1.27966

32185	2.72917	1.1601	1.1601	1.27438
32186	2.71639	1.15764	1.15764	1.27409
32187	2.6984	1.10256	1.10256	1.21945
32188	2.67068	1.35021	1.35021	1.04342
32189	2.66281	0.45693	0.45693	0.59102
32190	2.65913	0.76839	0.76839	0.76415
32191	2.65441	0.64268	0.64268	0.76083
32192	2.65574	0.81512	0.81512	0.8577
32193	2.65726	1.04994	1.04994	1.27102
32194	2.4827	0.8873	0.8873	0.88855
32195	2.65136	0.60007	0.60007	0.68374
32196	2.63175	0.11161	0.11161	0.16726
32197	2.46732	0	0	0
32198	2.47487	0.97675	0.97675	1.09238
32199	2.30366	0	0	0
32200	2.30377	0.45384	0.45384	0.58534
32201	2.58558	1.16707	1.16707	1.24868
32202	2.75853	0.63446	0.63446	0.87351
32203	2.74616	1.08143	1.08143	1.13466
32204	2.72514	0.85918	0.85918	0.89689
32205	2.72612	0.96766	0.96766	1.00784
32206	2.74748	1.05361	1.05361	1.26701
32207	2.90807	1.32372	1.32372	1.36361
32208	2.91	1.32288	1.32288	1.35146
32209	2.88657	1.0415	1.0415	1.25008
32210	2.85819	1.03765	1.03765	1.24616
32211	2.84745	1.03532	1.03532	1.15374
32212	2.41948	1.03342	1.03342	1.13988
32213	2.4635	0.94703	0.94703	1.21806
32214	2.51414	1.02454	1.02454	1.10074
32215	2.58054	0.85754	0.85754	0.88414
32216	2.56994	0.89675	0.89675	0.90377
32217	2.27931	0.84105	0.84105	0.86756
32218	2.4645	0.94459	0.94459	1.00745
32219	2.465	0.91056	0.91056	0.9478
32220	2.46612	0.89105	0.89105	0.92469
32221	2.80089	1.0593	1.0593	1.14082
32222	2.8187	1.09148	1.09148	1.18546
32223	2.81134	1.10891	1.10891	1.25096
32224	2.81462	1.11144	1.11144	1.25381
32225	2.8062	0.90842	0.90842	0.96489

32226	2.58323	0.96673	0.96673	0.95579
32227	2.57276	0.85264	0.85264	0.99487
32228	2.33808	0	0	0
32229	2.52492	0.87629	0.87629	0.90496
32230	2.46086	0	0	0
32231	2.62379	0.92181	0.92181	0.96491
32232	2.61971	0.96043	0.96043	1.01767
32233	2.58663	0.45232	0.45232	0.64097
32234	2.59589	0.47426	0.47426	0.69291
32235	2.61588	0.86356	0.86356	0.96994
32236	2.61568	0.92392	0.92392	1.054
32237	2.66168	1.15358	1.15358	1.26152
32238	2.65843	1.07886	1.07886	1.16784
32239	2.65749	0	0	0
32240	2.50667	0.80275	0.80275	0.82528
32241	2.72422	1.16339	1.16339	1.27702
32242	2.62677	0.84545	0.84545	1.19819
32243	2.48827	0.87613	0.87613	0.90337
32244	2.48794	0.82147	0.82147	0.83235
32245	2.66393	0.98407	0.98407	1.11504
32246	2.75163	0.99257	0.99257	1.07795
32247	2.50069	0.98209	0.98209	1.07131
32248	2.49853	1.00942	1.00942	1.12025
32249	2.93713	1.38135	1.38135	1.26345
32250	2.87958	1.38745	1.38745	1.31218
32251	2.68034	0.82711	0.82711	0.68045
32252	2.67947	0.66328	0.66328	0.81698
32253	2.72129	0.82082	0.82082	0.95264
32254	2.71926	0.77412	0.77412	0.96311
32255	2.74895	1.04181	1.04181	1.16504
32256	2.74178	0.84224	0.84224	0.85275
32257	2.71582	1.16521	1.16521	1.32817
32258	2.69824	1.16396	1.16396	1.32409
32259	2.68992	1.11773	1.11773	1.27394
32260	2.68809	1.01744	1.01744	1.04568
32261	2.735	0.98679	0.98679	1.01524
32262	2.72744	0.76251	0.76251	0.73828
32263	2.43265	0	0	0
32264	2.59492	0.11103	0.11103	0.1397
32265	2.60054	0.88166	0.88166	0.90231
32266	2.37872	0	0	0

32267	2.56723	0	0	0
32268	2.3787	0.90824	0.90824	0.96335
32269	2.71417	0.52059	0.52059	0.69824
32270	2.69668	0.81016	0.81016	0.75143
32271	2.4899	0.83364	0.83364	0.82403
32272	2.47214	0.5665	0.5665	0.77606
32273	2.41321	0	0	0
32274	2.33688	0.80829	0.80829	0.78128
32275	2.57481	0.81151	0.81151	0.90867
32276	2.68739	0	0	0
32277	2.61587	0.88702	0.88702	0.9738
32278	2.57632	0.51772	0.51772	0.74459
32279	2.83689	1.17409	1.17409	1.34685
32280	2.359	0.81135	0.81135	0.7957
32281	2.64133	0.35698	0.35698	0.59869
32282	2.49078	0.90244	0.90244	0.98551
32283	2.49389	0.84309	0.84309	0.93424
32284	2.59182	1.07256	1.07256	1.06153
32285	2.59388	1.06769	1.06769	1.05535
32286	2.60667	0.84042	0.84042	0.94526
32287	2.6528	0.91021	0.91021	0.96388
32288	2.56835	1.03416	1.03416	1.11349
32289	2.9355	1.07406	1.07406	1.09651
32290	2.91686	1.08656	1.08656	1.10134
32291	2.88789	1.08063	1.08063	1.02808
32292	2.84921	1.13163	1.13163	1.16186
32293	2.85545	1.14756	1.14756	1.18764
32294	2.85515	1.13461	1.13461	1.16572
32295	2.47347	0.86507	0.86507	0.87007
32296	2.47391	0	0	0
32297	2.50349	0.81738	0.81738	0.82622
32298	2.36153	0.82184	0.82184	1.10229
32299	2.38966	0	0	0
32300	2.39408	0.83482	0.83482	0.80968
32301	2.53236	0.83498	0.83498	0.83039
32302	2.54593	1.05027	1.05027	1.24095
32303	2.66459	1.03054	1.03054	1.26206
32304	2.66824	1.02845	1.02845	1.26407
32305	2.67063	1.03132	1.03132	1.26608
32306	2.78181	0.97458	0.97458	1.1731
32307	2.72764	0.93619	0.93619	1.155

32308	2.75477	0.76202	0.76202	0.78543
32309	2.54155	0	0	0
32310	2.63626	0.95147	0.95147	1.09381
32311	2.33683	0	0	0
32312	2.38171	0.86393	0.86393	0.88205
32313	2.38165	0.81	0.81	0.80533
32314	2.4037	0.74516	0.74516	0.7218
32315	2.546	0	0	0
32316	2.61621	1.27447	1.27447	1.22945
32317	2.50398	0.97611	0.97611	1.07015
32318	2.50308	0.99525	0.99525	1.11614
32319	2.86146	0.88978	0.88978	1.02108
32320	2.45651	0.15353	0.15353	0.21078
32321	2.51976	0.81164	0.81164	0.82297
32322	2.68875	0.97902	0.97902	1.04048
32323	2.51284	0.91865	0.91865	1.00068
32324	2.48773	0.82682	0.82682	0.82608
32325	2.58521	0.4315	0.4315	0.67585
32326	2.70232	1.01878	1.01878	1.2345
32327	2.70259	0.92864	0.92864	0.99674
32328	2.50838	0	0	0
32329	2.43693	0.95376	0.95376	1.0154
32330	2.43742	0.91361	0.91361	0.95538
32331	2.43843	0	0	0
32332	2.43932	0.82912	0.82912	0.8007
32333	2.63676	1.03315	1.03315	1.15649
32334	2.64268	1.0222	1.0222	1.15667
32335	2.6293	0.99074	0.99074	1.05798
32336	2.68616	0	0	0
32337	2.67803	0.8688	0.8688	0.91067
32338	2.66568	0.90951	0.90951	0.94386
32339	2.51438	0.24904	0.24904	0.44518
32340	2.57478	0.81403	0.81403	0.8534
32341	2.41613	0	0	0
32342	2.42863	1.03219	1.03219	1.07628
32343	2.63592	0	0	0
32344	2.38064	0.88743	0.88743	0.88143
32345	2.56217	0	0	0
32346	2.35686	0.88269	0.88269	1.17403
32347	2.74383	1.00285	1.00285	1.10332
32348	2.74242	1.01374	1.01374	1.11855

32349	2.74329	1.05007	1.05007	1.15828
32350	2.56036	0	0	0
32351	2.35861	0	0	0
32352	2.52552	0.75484	0.75484	0.71574
32353	2.60082	1.06748	1.06748	1.17054
32354	2.8206	1.32958	1.32958	1.24149
32355	2.82183	1.33111	1.33111	1.28118
32356	2.47172	0.39589	0.39589	0.59147
32357	2.54252	0.79703	0.79703	0.88055
32358	2.58935	0.80654	0.80654	0.85512
32359	2.36855	1.12022	1.12022	1.22445
32360	2.71115	0.94315	0.94315	1.01269
32361	2.5394	0.91526	0.91526	0.93538
32362	2.55335	0.88502	0.88502	0.9241
32363	2.41194	0.95981	0.95981	0.96055
32364	2.40177	0.76478	0.76478	0.71834
32365	2.37636	0	0	0
32366	2.52337	0.53686	0.53686	0.70362
32367	2.49465	1.0501	1.0501	1.11323
32368	2.50208	1.16125	1.16125	1.21241
32369	2.50127	1.16217	1.16217	1.20368
32370	2.37562	1.02457	1.02457	1.19219
32371	2.8075	1.29196	1.29196	1.35244
32372	2.8141	1.28127	1.28127	1.33241
32373	2.82233	1.28108	1.28108	1.35561
32374	2.82634	1.26314	1.26314	1.32234
32375	2.8561	1.18634	1.18634	1.25016
32376	2.44096	1.02898	1.02898	1.20312
32377	2.48237	0.27102	0.27102	0.35982
32378	2.48326	0.83983	0.83983	0.87097
32379	2.59821	0.80258	0.80258	0.98613
32380	2.52677	0.53093	0.53093	0.68065
32381	2.53178	0.79983	0.79983	0.79035
32382	2.51873	0	0	0
32383	2.35202	0.80967	0.80967	0.7922
32384	2.36182	0.87668	0.87668	0.99776
32385	2.59993	0.92476	0.92476	1.00296
32386	2.55996	0.5586	0.5586	0.84859
32387	2.55831	0.75894	0.75894	0.86717
32388	2.42208	0.9747	0.9747	1.02017
32389	2.44259	0.95817	0.95817	1.01454

32390	2.59064	0.95754	0.95754	0.94049
32391	2.28278	0	0	0
32392	2.52998	0	0	0
32393	2.46754	0.86032	0.86032	0.86708
32394	2.28025	0.9365	0.9365	0.97683
32395	2.6538	0	0	0.08782
32396	2.65618	1.02712	1.02712	1.15043
32397	2.56717	0.7966	0.7966	0.99241
32398	2.56029	0.81953	0.81953	0.98318
32399	2.54993	0.62632	0.62632	0.87693
32400	2.61453	1.03968	1.03968	1.1363
32401	2.60833	1.06959	1.06959	1.17106
32402	2.57912	0.68132	0.68132	0.95234
32403	2.54592	0.79484	0.79484	0.85521
32404	2.54405	0.90428	0.90428	1.02137
32405	2.59177	0.85217	0.85217	1.0474
32406	2.32	1.02469	1.02469	1.10907
32407	2.42139	1.0117	1.0117	1.01096
32408	2.71371	1.09438	1.09438	1.21117
32409	2.69927	0.44044	0.44044	0.76278
32410	2.69586	0.86103	0.86103	0.81666
32411	2.67752	0.29926	0.29926	0.47511
32412	2.75957	1.07513	1.07513	1.21022
32413	2.76671	1.07052	1.07052	1.20701
32414	2.39636	0	0	0
32415	2.63725	0.94718	0.94718	1.00896
32416	2.58193	0.84884	0.84884	0.94396
32417	2.58251	0.92196	0.92196	1.02308
32418	2.28158	0	0	0
32419	2.54714	0.84754	0.84754	1.09662
32420	2.54478	0.91494	0.91494	1.18363
32421	2.49518	0.31866	0.31866	0.43271
32422	2.54136	1.00965	1.00965	1.13912
32423	2.59069	0.78699	0.78699	0.95762
32424	2.58391	0.82848	0.82848	0.95581
32425	2.5283	0.67837	0.67837	0.8844
32426	2.52606	0.8318	0.8318	0.8753
32427	2.77638	1.33938	1.33938	1.17919
32428	2.7663	1.34006	1.34006	1.19095
32429	2.729	1.10416	1.10416	1.21276
32430	2.72758	1.10171	1.10171	1.2146

32431	2.72766	1.05222	1.05222	1.18196
32432	2.71108	0.91738	0.91738	0.93755
32433	2.59385	0	0	0
32434	2.52029	0	0	0
32435	2.62329	0.20176	0.20176	0.43288
32436	2.49848	0.8617	0.8617	0.91446
32437	2.39298	0.78472	0.78472	0.77387
32438	2.38962	0.91042	0.91042	0.97641
32439	2.41532	0	0	0
32440	2.62738	0.82895	0.82895	0.84975
32441	2.64413	0.66248	0.66248	0.90225
32442	2.64527	0.34641	0.34641	0.47351
32443	2.72156	0.95345	0.95345	1.12162
32444	2.73513	0.98153	0.98153	1.19206
32445	2.66337	0.93297	0.93297	0.98353
32446	2.66276	0.9099	0.9099	0.9531
32447	2.41409	0.92024	0.92024	0.87911
32448	2.41104	0.95643	0.95643	0.94898
32449	2.41216	0.64727	0.64727	0.89097
32450	2.58737	0.98168	0.98168	1.07633
32451	2.56808	0.98074	0.98074	1.02687
32452	2.73391	0.97263	0.97263	1.04533
32453	2.51366	0.92119	0.92119	1.03344
32454	2.50775	0.86549	0.86549	0.8572
32455	2.40767	0.81926	0.81926	0.80574
32456	2.38658	0.47699	0.47699	0.79548
32457	2.39421	0.86178	0.86178	0.89593
32458	2.44191	0.34694	0.34694	0.59294
32459	2.62002	0	0	0
32460	2.53047	1.00611	1.00611	1.06779
32461	2.66122	1.02647	1.02647	1.14414
32462	2.57894	0.25409	0.25409	0.34294
32463	2.63005	0.85	0.85	0.88432
32464	2.82244	1.1113	1.1113	1.17271
32465	2.59156	1.02789	1.02789	1.16317
32466	2.44472	0.91717	0.91717	1.04425
32467	2.61397	1.03223	1.03223	1.11891
32468	2.76994	0.95524	0.95524	1.03373
32469	2.71611	0.33454	0.33454	0.52
32470	2.58884	1.09085	1.09085	1.26184
32471	2.51545	0.95685	0.95685	1.03991

32472	2.63926	0.78646	0.78646	1.02159
32473	2.52988	0	0	0
32474	2.77121	0	0	0
32475	2.72753	0.82192	0.82192	0.83855
32476	2.72472	0.82985	0.82985	0.99991
32477	2.73716	1.15265	1.15265	1.32037
32478	2.73531	1.15196	1.15196	1.32035
32479	2.54808	0.89373	0.89373	0.97141
32480	2.54287	0.87646	0.87646	0.95927
32481	2.66676	0.93033	0.93033	0.99325
32482	2.66606	0.97195	0.97195	1.0531
32483	2.82392	1.1147	1.1147	1.24652
32484	2.54516	0	0	0
32485	2.44625	0.95109	0.95109	0.98817
32486	2.60414	0.57018	0.57018	0.69019
32487	2.67385	1.25925	1.25925	1.2487
32488	2.54372	1.09786	1.09786	1.25761
32489	2.68611	1.06103	1.06103	1.16988
32490	2.4154	1.01561	1.01561	1.15241
32491	2.57041	0	0	0
32492	2.56827	0.8279	0.8279	0.83236
32493	2.51497	0	0	0
32494	2.5088	0.37216	0.37216	0.50272
32495	2.55383	0.9175	0.9175	0.96024
32496	2.70039	0.83527	0.83527	0.86215
32497	2.56735	1.10018	1.10018	1.1319
32498	2.55167	1.11067	1.11067	1.15596
32499	2.54562	1.11255	1.11255	1.15372
32500	2.56482	1.11711	1.11711	1.17608
32501	2.65053	1.0047	1.0047	1.27993
32502	2.31096	0	0	0
32503	2.3333	0.37048	0.37048	0.52307
32504	2.53954	0.8282	0.8282	0.83829
32505	2.33105	0.34505	0.34505	0.71537
32506	2.47723	0.82501	0.82501	0.81575
32507	2.6463	0.95754	0.95754	1.04848
32508	2.64314	0.97952	0.97952	1.07913
32509	2.57051	0	0	0
32510	2.48501	0	0	0
32511	2.42423	1.00112	1.00112	1.13534
32512	2.60045	0.39912	0.39912	0.58339

32513	2.61601	0.7684	0.7684	0.80877
32514	2.56497	1.04203	1.04203	1.12844
32515	2.8406	0.9807	0.9807	1.20841
32516	2.84142	0.95006	0.95006	1.15492
32517	2.84141	0.919	0.919	1.10088
32518	2.82215	0.86728	0.86728	1.00759
32519	2.59784	1.04572	1.04572	1.17481
32520	2.5981	0.82075	0.82075	0.84705
32521	2.44368	0.27141	0.27141	0.3834
32522	2.46583	0	0	0
32523	2.61516	0	0	0
32524	2.45347	0.8701	0.8701	0.89711
32525	2.45372	0.8151	0.8151	0.81705
32526	2.61633	0.82775	0.82775	0.84664
32527	2.49583	0.86984	0.86984	0.90393
32528	2.49537	0.81486	0.81486	0.82528
32529	2.32714	0.85836	0.85836	0.88009
32530	2.42063	0.49668	0.49668	0.75647
32531	2.45222	0.82162	0.82162	1.01491
32532	2.50779	0	0	0
32533	2.47376	0.90424	0.90424	0.99671
32534	2.67374	1.01606	1.01606	1.10246
32535	2.62366	1.06229	1.06229	1.15217
32536	2.62629	1.06676	1.06676	1.15141
32537	2.77341	1.30961	1.30961	1.20323
32538	2.7666	1.31211	1.31211	1.26056
32539	2.75453	1.31222	1.31222	1.25245
32540	2.77404	1.28987	1.28987	1.15244
32541	2.77223	1.33509	1.33509	1.27563
32542	2.77002	1.33512	1.33512	1.2736
32543	2.49712	0	0	0
32544	2.35585	0	0	0
32545	2.53858	0.91014	0.91014	0.92766
32546	2.51541	0.8318	0.8318	0.60216
32547	2.5575	1.21754	1.21754	1.1924
32548	2.45572	0.99983	0.99983	1.08365
32549	2.54514	0	0	0
32550	2.57697	1.00923	1.00923	1.04991
32551	2.56552	0.19934	0.19934	0.25632
32552	2.86696	1.01371	1.01371	1.24709
32553	2.35907	1.05043	1.05043	1.109

32554	2.64119	0.84469	0.84469	0.85977
32555	2.62989	1.23267	1.23267	1.30624
32556	2.482	1.05581	1.05581	1.14166
32557	2.48666	1.06027	1.06027	1.13563
32558	2.61203	0.83089	0.83089	0.84218
32559	2.69013	0	0	0
32560	2.79467	1.00016	1.00016	1.15621
32561	2.50836	0.8875	0.8875	0.96264
32562	2.61101	0.90691	0.90691	0.97037
32563	2.38986	1.04239	1.04239	1.15531
32564	2.57328	1.13929	1.13929	1.20249
32565	2.56817	1.11916	1.11916	1.18019
32566	2.61457	0.99733	0.99733	1.21637
32567	2.56014	0	0	0
32568	2.63305	1.03147	1.03147	1.2701
32569	2.55341	0	0	0
32570	2.48556	0.58714	0.58714	0.74456
32571	2.55325	0.8721	0.8721	0.83863
32572	2.61667	1.05827	1.05827	1.25933
32573	2.60175	1.08313	1.08313	1.20234
32574	2.59704	0	0	0
32575	2.60224	1.08984	1.08984	1.2121
32576	2.58216	0.99528	0.99528	1.08094
32577	2.58237	1.07297	1.07297	1.19012
32578	2.47154	0	0	0
32579	2.63545	0.87851	0.87851	0.95907
32580	2.6174	0	0	0
32581	2.79404	1.06897	1.06897	1.34201
32582	2.78751	1.04662	1.04662	1.31562
32583	2.78999	1.04159	1.04159	1.32149
32584	2.77852	1.03221	1.03221	1.30973
32585	2.50733	0.84865	0.84865	1.16515
32586	2.48004	0.72548	0.72548	1.13846
32587	2.5015	0.82806	0.82806	0.88667
32588	2.52938	0.82761	0.82761	0.8297
32589	2.53407	1.10717	1.10717	1.23181
32590	2.49108	0.72699	0.72699	1.14167
32591	2.48045	0.26569	0.26569	0.3929
32592	2.49161	0.80927	0.80927	0.81942
32593	2.48779	0	0	0
32594	2.5703	0.83134	0.83134	0.8523

32595	2.61796	0.89011	0.89011	0.96766
32596	2.61796	0.91035	0.91035	0.96749
32597	2.61796	0.67086	0.67086	0.76361
32598	2.65712	0	0	0
32599	2.74833	1.02383	1.02383	1.21745
32600	2.75078	1.06766	1.06766	1.25047
32601	2.69541	0.83025	0.83025	0.91135
32602	2.74921	1.06275	1.06275	1.24513
32603	2.747	1.07298	1.07298	1.25311
32604	2.34714	0.93978	0.93978	0.97824
32605	2.30533	0	0	0
32606	2.3486	0.92206	0.92206	0.95372
32607	2.3469	0.19073	0.19073	0.29931
32608	2.35956	0	0	0
32609	2.29499	0.21902	0.21902	0.33923
32610	2.35931	0.86831	0.86831	0.88014
32611	2.36026	0.99969	0.99969	1.07614
32612	2.60285	0	0	0
32613	2.57453	0	0	0
32614	2.69867	0.94771	0.94771	1.02334
32615	2.70144	0.89793	0.89793	0.93245
32616	2.70115	0	0	0
32617	2.70716	0.8301	0.8301	0.82448
32618	2.7198	0.76992	0.76992	0.71507
32619	2.80211	0.53123	0.53123	0.73187
32620	2.71113	0.05668	0.05668	0.20277
32621	2.70741	0.26894	0.26894	0.34333
32622	2.73297	0.69484	0.69484	0.88003
32623	2.82935	1.40947	1.40947	1.27625
32624	2.80804	1.38895	1.38895	1.18175
32625	2.82885	1.40987	1.40987	1.2826
32626	2.81348	1.40922	1.40922	1.28468
32627	2.78001	1.40956	1.40956	1.27533
32628	2.82588	1.40956	1.40956	1.27407
32629	2.45957	0	0	0
32630	2.45888	0.70358	0.70358	0.82782
32631	2.45888	0.76447	0.76447	0.90002
32632	2.45897	0.86073	0.86073	1.10147
32633	2.45187	0	0	0
32634	2.43104	0.94546	0.94546	1.04165
32635	2.43063	0.87733	0.87733	0.81308

32636	2.37486	0	0	0
32637	2.37497	0.87943	0.87943	0.88879
32638	2.37497	0.12676	0.12676	0.19437
32639	2.37445	0.93392	0.93392	0.96962
32640	2.34749	0.24611	0.24611	0.37377
32641	2.3566	0	0	0
32642	2.33443	0.1629	0.1629	0.2487
32643	2.33308	0.75241	0.75241	0.70096
32644	2.58791	0	0	0
32645	2.58773	0.93819	0.93819	0.9948
32646	2.55657	0.79239	0.79239	0.91633
32647	2.55844	0	0	0
32648	2.48492	0.82122	0.82122	0.83349
32649	2.48497	0	0	0
32650	2.76076	1.0602	1.0602	1.20859
32651	2.55579	0	0	0
32652	2.75595	0	0	0
32653	2.76009	1.0331	1.0331	1.1726
32654	2.71756	1.02467	1.02467	1.15551
32655	2.71687	1.01359	1.01359	1.15688
32656	2.71727	0.90106	0.90106	0.83465
32657	2.56709	0	0	0
32658	2.3894	0.83445	0.83445	0.80265
32659	2.37477	0	0	0
32660	2.6083	0	0	0
32661	2.60031	0.83799	0.83799	0.94973
32662	2.60412	0.8661	0.8661	0.94412
32663	2.52707	0.3674	0.3674	0.49297
32664	2.71353	0	0	0
32665	2.70964	1.02518	1.02518	1.12022
32666	2.71158	1.01737	1.01737	1.11485
32667	2.71144	0.9937	0.9937	1.09374
32668	2.71183	0.9831	0.9831	1.08608
32669	2.71291	0.94988	0.94988	1.04993
32670	2.40692	1.20824	1.20824	1.13581
32671	2.3938	0	0	0
32672	2.39226	1.20356	1.20356	1.12351
32673	2.35533	0	0	0
32674	2.34197	0.81469	0.81469	0.74627
32675	2.5795	0.92404	0.92404	1.07893
32676	2.47686	0.82439	0.82439	0.78132

32677	2.57926	0.98438	0.98438	1.11908
32678	2.51178	0.51622	0.51622	0.74606
32679	2.55887	0.83161	0.83161	0.83634
32680	2.56134	0.88736	0.88736	0.91481
32681	2.56175	0.91943	0.91943	0.94686
32682	2.56188	0.18432	0.18432	0.25268
32683	2.47197	0	0	0
32684	2.73533	1.40611	1.40611	0.47174
32685	2.66961	1.42245	1.42245	0.94203
32686	2.75066	1.23063	1.23063	0.57747
32687	2.67525	1.42037	1.42037	0.85411
32688	2.75292	1.41499	1.41499	0.588
32689	2.78159	1.23829	1.23829	0.706
32690	2.7116	1.24214	1.24214	1.04296
32691	2.7084	1.24567	1.24567	1.0604
32692	2.68965	1.24571	1.24571	1.05869
32693	2.70332	1.25035	1.25035	1.08499
32694	2.70355	1.2513	1.2513	1.12911
32695	2.69566	1.26434	1.26434	1.1968
32696	2.67063	1.26308	1.26308	1.1368
32697	2.73536	1.01001	1.01001	0.89868
32698	2.74673	1.00428	1.00428	0.87096
32699	2.94494	1.0012	1.0012	0.77481
32700	3.01107	0.9966	0.9966	0.78121
32701	3.28903	0.99052	0.99052	1.03058
32702	3.24166	0.98566	0.98566	1.10997
32703	3.01542	0.981	0.981	1.04406
32704	2.9149	0.97545	0.97545	1.08306
32705	2.9481	0.96887	0.96887	1.16469
32706	2.92919	0.96286	0.96286	1.21089
32707	2.92889	0.95617	0.95617	1.23568
32708	3.02172	0.9456	0.9456	1.28076
32709	3.15669	0.93523	0.93523	1.36365
32710	3.16159	0.92597	0.92597	1.36951
32711	3.13133	0.91617	0.91617	1.3617
32712	3.08675	0.90536	0.90536	1.34925
32713	3.04536	0.89287	0.89287	1.32466
32714	3.0329	0.87942	0.87942	1.3357
32715	3.03359	0.86166	0.86166	1.33567
32716	3.01669	0.84044	0.84044	1.3284
32717	3.0365	0.81155	0.81155	1.34151

32718	3.01707	0.78982	0.78982	1.32806
32719	2.99421	0.80584	0.80584	1.31237
32720	2.9365	0.82041	0.82041	1.27725
32721	2.88476	0.83362	0.83362	1.24722
32722	2.86034	0.84913	0.84913	1.23471
32723	2.80984	0.86988	0.86988	1.21583
32724	2.6484	0.88608	0.88608	1.10919
32725	2.61896	0.8996	0.8996	1.09678
32726	2.51596	0.91212	0.91212	1.01058
32727	2.45562	0.92285	0.92285	0.95773
32728	2.44466	0.93286	0.93286	0.95561
32729	2.45822	0.94262	0.94262	0.97869
32730	2.45015	0.9503	0.9503	0.99853
32731	2.46698	0.95861	0.95861	1.0249
32732	2.47555	0.96661	0.96661	1.01879
32733	2.48812	0.97459	0.97459	1.02561
32734	2.49059	0.98018	0.98018	1.03905
32735	2.50942	0.98763	0.98763	1.05922
32736	2.52967	0.99442	0.99442	1.08369
32737	2.5627	1.00157	1.00157	1.10987
32738	2.59214	1.00815	1.00815	1.12837
32739	2.61739	1.01479	1.01479	1.14091
32740	2.6465	1.02082	1.02082	1.15554
32741	2.64046	0.75478	0.75478	1.12711
32742	2.62004	1.03164	1.03164	0.97516
32743	2.67864	0.77024	0.77024	1.14362
32744	2.71815	0.81465	0.81465	1.16066
32745	2.69393	0.89195	0.89195	1.18307
32746	2.68161	1.09528	1.09528	1.22199
32747	2.69544	1.09646	1.09646	1.22719
32748	2.68101	1.11161	1.11161	1.04726
32749	2.6616	1.10635	1.10635	1.0383
32750	2.62685	0.85999	0.85999	0.78171
32751	2.58652	0.85987	0.85987	0.85122
32752	2.58468	0.8188	0.8188	0.86948
32753	2.66273	0.83129	0.83129	0.80436
32754	2.67061	1.24651	1.24651	1.18859
32755	2.67651	1.24516	1.24516	1.18094
32756	2.66558	1.2397	1.2397	1.17072
32757	2.65389	1.23443	1.23443	1.16379
32758	2.62048	0	0	0

32759	2.65716	1.23234	1.23234	1.15626
32760	2.76389	1.22764	1.22764	1.16444
32761	0	0	0	0
32762	0	0	0	0

Nain (kombinert)	NACH (kombinert)	Lenge geometri
1.70349	0.76851	73.96850161
1.76123	0.900765	111.2612355
1.52281	0.47698	43.10612879
1.71934	0.80063	60.32198011
1.750655	0.87637	37.98891372
1.69121	0.809205	2.878401753
1.72911	0.719315	74.07619325
1.775615	0.85045	68.52269982
1.764435	0.868025	70.395614
1.742015	0.82031	74.9758399
1.579115	0.468755	83.13285427
1.67564	0.69693	48.67748557
1.7843	0.900035	38.61050292
1.807665	0.958995	56.49361806
1.81593	0.98384	45.27933817
1.822055	0.8708	45.38590899
1.872095	1.00703	40.92450165
1.89604	1.065105	58.44446233
1.898365	1.085615	40.38973826
1.904565	1.103415	1.400642557
1.503165	0.388575	62.37339178
1.65192	0.70406	35.36771918
1.7881	0.83814	23.603511
1.815355	0.913175	74.51302696
1.82148	0.94613	67.91793637
1.78431	0.90475	70.80833077
1.77289	0.85055	74.12977412
1.743795	0.76936	83.35767448
1.897945	1.06426	67.24892103
1.898665	1.065495	52.09678052
1.900395	1.07059	36.23806887
1.897095	1.0719	54.44835811
1.8971	1.071275	43.21156642
1.758735	0.772675	98.14440177
1.780125	0.84376	20.47353572
1.82827	0.964485	47.08814369
1.75378	0.867245	71.17144468
1.600915	0.58014	73.64354145
1.570645	0.48535	118.5681554
1.75329	0.791715	46.41677615

1.74864	0.81496	71.3909403
1.635395	0.64562	72.72758997
1.314195	0	47.29749149
1.72694	0.832355	43.20321801
1.495805	0.440205	37.71289662
1.409975	0.25191	46.28695432
1.97859	1.132175	14.79557057
1.97708	1.08765	75.70177389
2.01275	1.197505	129.4736291
1.99428	1.152875	4.200621669
1.99018	1.13746	13.72135154
1.855255	0.88418	0.509436433
2.01088	1.192615	42.69765826
2.01498	1.195535	10.89707319
2.01316	1.18424	0.330920233
2.01359	1.186115	108.5414731
1.99364	1.1593	41.00321956
1.412135	0	46.86118817
1.8422	0.88622	26.4641732
1.73886	0.805555	0.336034283
1.92492	1.063	118.7854498
1.92635	1.07937	17.33061236
1.903685	1.021835	11.71888087
1.84941	0.94275	55.77246889
1.86485	0.950455	43.94122375
1.854185	0.937755	6.082493609
1.953805	1.00959	1.164644928
2.02064	1.14645	71.05955602
2.0255	1.151405	9.229126149
2.003645	1.05732	45.09096943
1.99342	1.034255	2.306801326
1.847285	0.866315	2.718619683
1.989885	1.05573	85.34782645
2.00355	1.07776	7.453078829
1.868475	0.866735	1.431253639
1.915405	0.94994	52.26353398
1.91453	0.98567	34.22242207
1.885505	0.963	87.29106916
1.787115	0.84939	0.115517314
1.78671	0.791185	87.11101627
1.789845	0.827335	103.2436996

1.798515	0.822535	1.876054113
1.805665	0.83375	64.43320411
2.01391	1.08801	59.61359687
2.017505	1.095835	22.91263569
1.829645	0.862725	11.37172136
2.08054	1.111505	4.003404572
2.09012	1.13731	55.73216779
2.09585	1.15185	47.75789013
2.13309	1.206955	92.40998174
2.14883	1.22776	74.2154649
2.138285	1.226565	67.58388412
2.16571	1.26134	92.63390646
2.177045	1.28223	109.3804815
2.164975	1.265465	2.548393425
2.167685	1.280335	6.198655467
2.16919	1.28303	28.43137678
2.172485	1.279755	55.5471432
2.154855	1.275555	62.75812568
1.962955	0.924435	10.98728268
1.95799	0.988825	103.3694026
1.921755	0.943785	79.44600456
1.91585	0.91914	77.93893899
1.683035	0.398165	52.95348241
1.87865	0.883635	88.64690935
1.861415	0.839535	14.92449565
1.850505	0.70112	105.5392845
1.912535	0.822905	29.88390454
1.920335	0.877135	45.18135074
2.027345	1.054315	86.68615888
2.02503	1.048045	72.33309876
1.889765	0.85879	15.02300831
2.00546	1.056855	49.27032733
1.66283	0.4867	57.8596424
1.84829	0.81243	33.64473266
1.887675	0.905715	52.89427729
1.87476	0.853745	37.35431131
1.864395	0.858135	38.776395
1.89129	0.933065	51.23436755
1.65811	0.678285	77.33341365
1.36286	0	86.69487356
2.029535	1.103205	23.51809218

2.032355	1.094725	79.44287268
2.04217	1.09255	90.35003814
2.05789	1.08647	72.94454426
2.0666	1.080825	78.03775511
2.06915	1.08842	65.16976295
2.06097	1.135985	9.735076112
2.063725	1.10456	51.24851359
2.07584	1.08846	85.87294332
2.00078	0.96328	75.53246654
1.988825	0.91816	34.77765587
1.971075	0.88385	42.23228304
1.947965	0.799765	48.60496399
1.63748	0.40792	21.9528857
1.294145	0	66.76959553
1.85558	0.99757	44.32260593
1.83423	0.975245	13.92800776
1.791275	0.942025	29.44370238
1.751525	0.89872	23.99561334
1.7125	0.82891	22.50912414
1.276595	0	85.97978896
1.704515	0.829095	22.30266363
1.800985	0.907705	41.11463895
1.84073	0.94929	43.53250236
1.896845	0.874995	19.529755
1.902045	0.89626	81.77813029
1.908515	0.89954	83.70977599
1.86505	0.854635	53.7492033
1.86671	0.859665	68.07970474
1.88572	0.886475	4.676675234
1.89089	0.852315	109.4361796
1.89054	0.897225	78.40460979
2.02139	1.16833	16.33461773
2.012815	1.16822	61.57845164
1.99354	1.164385	60.55079096
2.01768	1.16769	86.79631277
2.061655	1.157925	72.93668623
2.04817	1.151475	75.42165813
2.057945	1.13922	71.82196362
2.06101	1.143355	54.36520305
2.06811	1.141775	88.6152504
2.0616	1.13009	0.620232642

1.664885	0.51105	0.656568321
2.05075	1.13141	86.34918079
1.644005	0.415525	6.890667574
1.870415	0.96963	33.51223039
1.9082	1.007155	52.38576102
1.91286	0.99105	0.227190514
1.92976	0.99648	82.76366122
2.03716	1.123985	0.837912148
2.06116	1.152735	85.21411217
2.064075	1.16451	88.96833668
2.0586	1.177285	78.73416497
2.08205	1.20759	31.48804192
2.084815	1.20866	41.10276869
2.08105	1.208485	58.60401696
2.076145	1.20798	28.76947792
1.61982	0.45473	0.188846949
1.465235	0	28.83095885
2.075785	1.20906	0.188930888
2.068295	1.20901	72.08140485
2.082185	1.21654	1.131366522
2.082815	1.215265	29.75999849
2.073365	1.206915	13.2748078
2.054665	1.195495	99.84414979
2.004075	1.11248	3.927610232
1.96119	1.03557	59.82713695
1.95074	1.048285	60.18708193
1.941065	1.069015	88.64537319
1.96554	1.073225	73.33051665
1.98737	1.08609	74.91497578
2.01326	1.111195	127.0053501
2.033415	1.10577	0.117280263
2.036705	1.107515	69.27838275
2.03461	1.109165	20.05971505
2.04132	1.103675	83.87382875
1.458875	0	94.30325506
1.94121	0.862505	86.3364133
1.98075	1.04073	2.72264811
1.927005	0.94703	1.426170326
1.8782	1.02674	46.43330456
1.902885	1.0869	27.23150026
1.778095	0.81905	9.166743764

1.993945	1.11492	44.17838102
1.98855	1.120765	77.80689405
1.884275	0.981595	24.95279266
1.873015	0.970475	49.95844784
2.036815	1.12675	71.50960893
2.062045	1.146345	89.89551878
2.05252	1.153035	78.07085065
2.06276	1.165895	72.3892409
2.065545	1.170235	58.79532785
2.11979	1.186155	26.97076225
2.11419	1.18993	68.26923211
1.994365	1.084255	7.287238518
1.98179	1.014025	7.249680569
2.035575	1.13528	42.11441877
2.0294	1.13294	93.08138157
2.020105	1.116485	77.21743875
1.70808	0.59632	73.98350416
1.79904	0.77221	74.05700585
2.08395	1.18491	19.346289
2.077175	1.19074	74.46799322
2.118185	1.19752	97.72449532
2.117305	1.19878	90.33229888
2.11357	1.199485	40.40214188
2.10566	1.19758	97.93341639
2.10667	1.196925	17.66000316
2.13597	1.225445	86.52916953
2.15182	1.22563	20.0698449
2.140825	1.222275	27.800644
2.1461	1.21016	32.14311214
2.217685	1.25846	38.52902139
2.210305	1.254305	28.0734156
2.197605	1.231105	161.8946899
2.16811	1.23396	63.96313551
2.152835	1.21237	86.18864783
2.02325	1.078315	27.93561547
2.207315	1.25894	101.8538148
2.05607	1.071585	45.67739703
2.18133	1.228065	16.68958189
2.186235	1.253425	4.351624048
2.054805	0.986725	13.79676892
2.076605	1.049395	10.37117394

2.090205	1.08195	54.34341575
2.0491	0.992265	149.0873948
2.04199	0.99342	19.14890528
2.27785	1.296755	55.7131966
2.032875	1.03309	129.6404351
2.00376	1.06922	19.64490113
1.28051	0	88.73713449
1.71457	0.831245	58.24078136
1.82291	0.9081	84.47949595
1.86143	1.000385	2.452580714
1.95439	1.03198	47.29175595
1.766045	0.833405	53.1751114
1.30866	0	228.0968394
1.24629	0	74.80194124
1.6638	0.811405	86.50566506
1.72797	0.88566	70.23608622
1.809185	0.99965	76.50562878
1.79439	0.9339	58.45925302
1.793485	0.98793	29.61462909
1.771105	0.973735	149.0643602
1.75596	0.967075	61.12878708
1.734305	0.954075	52.69340349
1.72742	0.927305	1.121139049
1.72981	0.94898	105.7432789
1.807235	1.0062	1.192829699
1.828605	1.063475	68.53589717
1.691535	0.819405	19.31306347
1.90956	1.16257	94.39567343
1.941825	1.173485	236.8026784
1.86166	1.075155	189.8196009
1.928255	1.14944	49.11351906
1.94564	1.157095	161.1084857
1.94346	1.15075	24.54617897
1.933745	1.12287	30.93629987
1.811435	1.005215	111.2598605
1.81694	0.98716	98.6599014
1.62491	0.6836	97.811713
1.80842	0.98725	28.34599199
1.827645	1.00239	7.887855938
1.83083	1.01622	2.744039798
1.771855	0.98461	11.56464549

1.29112	0	42.11924139
1.74063	0.92353	7.814988359
1.755545	0.97499	36.08658891
1.752905	0.98212	41.03220996
1.74484	0.971655	52.29799436
1.735725	0.961415	7.374435304
1.718575	0.94215	79.44647175
1.237275	0	76.96652717
1.714835	0.882735	101.569707
1.68168	0.8181	90.92150723
1.258765	0	87.19332965
1.766005	0.93658	20.37520348
1.71461	0.891705	22.71913286
1.6704	0.821445	35.49946671
1.252285	0	57.7440838
1.66334	0.81982	4.609985537
1.70036	0.90836	54.0536152
1.72432	0.94242	1.425779313
1.725565	0.92662	1.43694034
1.76583	1.024885	55.26365584
1.787505	1.03627	10.81044688
1.64466	0.81372	19.53940507
1.41859	0.430425	0.449421817
1.215775	0	38.31694193
1.22537	0	48.95837465
1.237915	0	26.58858874
1.654855	0.818195	15.30417504
1.6885	0.88414	28.39572138
1.46787	0.51373	0.95288247
1.669445	0.82825	1.152781628
1.645015	0.787355	4.404798712
1.534595	0.65406	21.90996333
1.51825	0.6478	14.95735579
1.802985	1.025885	15.3151016
1.307925	0	22.03447198
1.658995	0.617	93.37490254
1.84437	1.00064	4.067802427
1.76851	0.89481	78.17550318
1.801445	0.982705	65.8580091
1.777285	0.97026	2.700029441
1.924495	1.120175	31.72527152

1.928105	1.106465	63.28754229
1.91156	1.09971	1.794173258
1.94451	1.15325	45.63815531
1.933155	1.141075	8.051707426
1.936645	1.143265	26.90933056
1.942045	1.145385	51.59036682
1.92628	1.10347	3.36399166
1.792695	0.764745	45.38741621
1.82319	0.86069	92.64160589
1.827185	0.89346	74.13762118
1.840645	0.88889	69.89444635
1.660295	0.61412	45.11798958
1.74806	0.745685	39.54858964
1.890285	0.97281	44.59367605
1.95477	1.039585	5.192863377
1.959025	1.05713	41.01179413
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2.027015	1.132125	58.98516332
2.021235	1.12862	24.96138361
2.0773	1.14206	62.88846116
1.96399	1.054	55.89644694
1.935675	1.03101	86.92341769
1.658335	0.566935	46.73982924
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2.06788	1.179565	34.19722367
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2.091525	1.181425	49.01054528
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1.8307	1.003765	23.4808487
1.83562	1.010395	2.158422335
1.804345	1.017285	212.0411708
1.80284	1.024065	10.11039839
2.01742	1.1303	12.46294344
2.004755	1.14202	52.18457966
2.005055	1.1344	17.16016788
1.98759	1.11921	33.60995093
1.978165	1.12198	208.2898004
1.677615	0.835065	14.08963364
1.77599	0.94004	93.00612124
1.326325	0	0.752917273
1.75343	0.92679	0.725879667
1.749395	0.948935	65.68102681
1.77252	0.959465	70.37114664
1.808105	0.976045	22.26412225
1.82447	1.00389	0.321298568
1.36377	0	2.608187712
1.836335	0.986095	0.60063588
1.883145	1.08125	15.38262883
1.84193	1.01815	2.566596776
1.7291	0.77826	24.20903835
1.79283	0.847795	85.48543495
1.79077	0.880065	50.38468087
1.82389	0.976245	6.222736303
2.257715	1.32285	16.75860528
2.24628	1.317265	75.02120894

2.236095	1.320285	0.891041464
2.236205	1.32473	56.36030538
2.020675	1.11777	11.53996099
2.0038	1.11185	155.75935
2.17365	1.32918	37.30596148
2.21105	1.34518	43.51374777
2.212315	1.329255	31.98060807
2.188525	1.31535	98.59626808
2.25669	1.322815	10.54174696
2.03854	1.081215	8.454711144
2.04292	1.092495	0.642211819
2.186825	1.33831	52.40089018
2.18939	1.336125	4.25730171
2.18071	1.333025	26.0050718
2.120045	1.301275	71.51443377
2.174615	1.32526	20.47170617
2.17058	1.322495	7.962662752
2.17103	1.325505	0.631555097
2.056675	1.18079	4.866782419
2.06569	1.22711	24.61394424
2.08672	1.279965	47.03442098
2.16896	1.300395	69.31934935
2.1423	1.30807	15.04655533
2.1302	1.30609	22.27291796
2.05948	1.184085	114.7418928
1.65698	0.722745	4.907460338
2.14207	1.21312	167.9160595
2.055965	1.173225	48.77087976
2.122925	1.20488	138.2935222
2.107175	1.21082	22.47442471
2.03602	1.1588	48.14988001
2.033465	1.16213	50.44410001
2.04471	1.17309	27.72274001
1.37973	0	18.07566075
1.374215	0	22.38010415
2.03054	1.12727	68.53058929
2.033285	1.156715	13.00405662
1.87336	0.979485	46.40163194
1.85583	0.929205	2.800900515
1.950925	1.11176	46.21722703
1.953675	1.117455	71.52379956

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1.72921	0.76475	13.48295009
1.61682	0.634325	13.37246617
1.80687	0.950065	156.7136251
1.791045	0.92411	12.33313904
1.79259	0.905695	44.04172273
1.78133	0.89248	44.76289306
1.88145	1.001785	50.11320005
1.3665	0	41.40944532
1.89803	1.09206	29.95412664
1.895825	1.087665	18.03132273
1.89045	1.0579	209.8733265
1.86388	1.0421	9.503393035
1.719025	0.791745	25.99462224
1.750565	0.896805	32.98828595
1.671295	0.817755	136.3827493
1.250255	0	46.24979633
1.60423	0.621525	9.454638444
1.847705	1.0272	24.53193571
1.82641	1.01177	116.2260846
1.80616	1.002055	105.7794808
1.77911	1.00089	32.93581068
1.82018	0.97999	155.5239925
1.825515	0.99384	144.9446449
1.58235	0.64165	0.53261994
1.81147	0.90543	97.08504859
1.82149	0.971035	98.89023031
1.358905	0	39.48807186
1.269545	0	27.69679474
1.478405	0.356185	5.812934496
1.700225	0.808625	40.51134817
1.787125	1.004675	18.83197324
1.77228	0.994705	26.61691853
1.786025	0.998895	114.6407302
1.80893	0.996425	6.800010735
1.823145	1.022045	26.64512632
1.839115	1.039055	0.764443255
1.864965	1.00848	0.97998072
1.889135	1.10699	35.03225935
1.47184	0.457625	42.544174
1.83406	0.847095	24.27203139

1.88206	0.93049	62.41473095
1.888375	0.93176	56.85129772
1.867055	0.92071	84.0178057
1.70999	0.73733	0.10787071
1.783575	0.927135	65.73586694
1.786525	0.94458	21.6265722
1.765325	0.83671	14.94103905
1.770115	0.912675	36.68013827
1.66471	0.74195	7.015287397
1.85937	1.065035	7.130184643
1.87599	1.08075	43.03115344
1.862875	1.058895	33.97699992
1.84632	1.038075	62.74983395
1.767095	0.894315	8.00478394
1.74341	0.880555	42.63505686
1.79287	0.959	30.34553363
1.62696	0.64213	1.83395707
1.78888	0.87664	5.386429359
1.807845	0.9701	1.815964846
1.877195	1.09247	5.390974162
1.87547	1.090775	29.23076037
1.866005	1.06625	7.077165945
1.35599	0.134855	7.506529939
1.777805	0.93393	1.847456295
1.71533	0.84544	78.77246316
1.62449	0.674715	60.96601925
1.674345	0.72467	41.49982454
1.69512	0.795355	47.94013877
1.72256	0.82989	14.15282853
1.64483	0.72738	0.072503586
1.781585	0.947255	35.98592017
1.799265	0.979745	10.56567384
1.280295	0	35.4153539
1.82307	0.99979	26.82291493
1.84423	1.01591	29.14374088
1.611295	0.481735	0.903106916
1.805585	0.852595	59.81952263
1.424275	0	50.55517023
1.63058	0.580025	12.80957081
1.779155	0.994875	16.20260902
1.55714	0.720295	0.823900492

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1.71207	0.944565	30.78450508
1.694465	0.92227	87.60164161
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1.671155	0.88067	204.4768135
1.19117	0	49.4894591
1.65321	0.86512	101.1816342
1.62998	0.802975	56.80267365
1.72159	0.979605	28.87287626
1.72348	0.99351	26.83512475
1.71913	0.992935	28.30784766
1.716505	0.98885	29.73336559
1.7024	0.979895	35.4955863
1.6932	0.949265	27.83767337
1.685695	0.931595	25.68316743
1.6648	0.78304	29.82462539
1.73138	1.033435	30.27926665
1.728355	1.02714	26.83165153
1.724205	1.02366	24.56410828
1.70312	0.904855	19.47623502
1.731585	0.983725	59.70911787
1.756275	1.029665	66.15918553
1.755585	1.01288	64.29149347
1.76195	1.00958	79.77902978
1.22823	0	37.27092488
1.64478	0.817405	9.731382382
1.679725	0.88328	61.08962948
1.62037	0.794895	66.11319419
1.638335	0.807305	64.23851528
1.654175	0.830665	73.55028746
1.77956	1.05188	29.36818386
1.7074	0.9206	14.03092266
1.693315	0.89317	12.91636396
1.650505	0.82153	30.31973848
1.212135	0	23.03119549
1.61262	0.77037	25.4995961
1.71248	0.98782	36.53370127
1.240935	0	60.86162403
1.493145	0.586595	61.79612991
1.629975	0.717575	66.0577551
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1.71355	1.0184	64.20562817
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1.73198	1.03663	22.19718176
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1.71147	1.003295	10.65443153
1.705205	1.00075	21.99417333
1.727735	1.05335	120.1024733
1.701155	0.974305	27.68635746
1.719175	1.02613	62.97855294
1.719205	1.02277	77.2882371
1.717905	1.017855	56.21085614
1.71744	1.017485	70.94487429
1.71863	1.019765	101.4031787
1.714445	1.01685	37.63299725
1.68545	1.001855	10.53239199
1.698375	1.00437	30.65104612
1.69717	0.998765	28.84827567
1.671585	0.94925	42.51763444
1.65438	0.88205	4.937407588
1.685775	1.042875	11.49530162
1.73023	0.99803	29.21325028
1.73197	1.02442	3.333077401
1.729665	1.01923	30.22824274
1.61336	0.73988	14.09619428
1.713825	1.0606	73.56064082
1.75795	1.08723	75.0170416
1.769655	1.098935	45.16322508
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1.6	0.746435	24.76511365
1.55558	0.67537	15.7310046
1.511815	0.62514	27.74363989
1.479695	0.584855	2.576401414
1.647715	0.9045	53.98072999
1.6531	0.898515	75.0170416
1.667495	0.878885	88.22224891
1.66758	0.807455	40.62692255
1.18063	0	139.3355773
1.732685	0.920035	41.22471783
1.75351	1.00442	3.777148946
1.82403	1.159395	48.50192686

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1.68804	0.8884	11.81982209
1.82258	1.18616	94.34965226
1.83103	1.192225	53.38155173
1.720155	0.951085	15.48197821
1.661665	0.915965	25.64352509
1.646125	0.889375	18.34385123
1.618145	0.851785	31.57965175
1.58779	0.807595	4.843390111
1.582445	0.76643	4.105529935
1.622065	0.8182	35.25944215
1.630725	0.851405	64.50667493
1.694985	0.92402	39.74806874
1.70638	0.94531	44.51601166
1.719195	0.88124	7.658637248
1.598875	0.664135	46.54173972
1.416265	0.387895	46.89199359
1.44377	0.42367	59.58907042
1.340405	0.203765	46.79864566
1.668025	0.79752	64.277742
1.687705	0.84663	42.17499858
1.70231	0.881075	17.51214665
1.705875	0.89487	45.22886432
1.7177	0.911325	8.707494229
1.70944	0.943075	39.28928177
1.62967	0.85264	46.27635051
1.25376	0	52.93892576
1.82476	1.13917	151.1056125
1.8157	1.133825	10.03153474
1.892435	1.197685	32.52674366
1.890005	1.20161	53.83211734
1.888245	1.20633	9.306649817
1.881345	1.19203	24.86344266
1.859065	1.143215	4.060350779
1.832085	1.0933	3.247681076
1.824505	1.09246	47.44617221
1.821915	1.082475	6.952415317
1.80351	1.07447	44.12971699
1.79597	1.065545	35.44127036
1.799225	1.07142	43.23812197

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1.846015	1.14373	65.82820061
1.79117	1.09709	29.53142545
1.77867	1.074865	59.11984344
1.74554	1.05925	55.3506303
1.90895	1.182315	63.12405296
1.905845	1.184495	83.10098586
1.89347	1.168855	6.842803789
1.89703	1.198915	15.48830868
1.810075	1.045545	51.18587744
1.804725	1.04181	60.01514149
1.825625	1.119125	17.96574252
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1.77838	1.10155	26.82038689
1.792795	1.11403	2.142222045
1.24593	0.038175	2.734350075
1.793825	1.114045	36.12710963
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1.65679	0.92976	5.061278737
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1.33798	0.243575	0.813090525
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1.71195	0.971205	4.012359193
1.697935	0.95345	23.07343013
1.69149	0.947345	6.504113321
1.63033	0.84995	64.06230324
1.658385	0.89858	12.7531948
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1.75718	1.011385	38.51659929
1.776625	1.025405	25.15745508
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1.656835	0.867145	24.55508505
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1.66512	0.97154	26.31073099
1.66746	0.73132	56.77290328
1.778855	0.964035	53.94945231
1.75647	0.92226	38.94579126
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1.69937	0.79089	59.49592807
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1.78066	0.988145	42.98057152
1.75248	0.93785	48.10151887
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1.801205	1.078055	23.4397076
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1.797725	1.06353	41.17042288
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1.713495	0.94938	16.08737095
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1.93329	1.1845	85.24510524
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1.933675	1.185995	12.27031436
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1.94944	1.214135	34.85569905
1.95123	1.19107	45.60868489
1.973905	1.237355	31.67862149
1.971665	1.217595	29.61100712
1.977065	1.23524	127.8085765
1.967045	1.232635	18.66389771
1.97751	1.23272	29.47670188
1.97904	1.233055	39.57985022
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1.989655	1.253955	45.79454716
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1.7452	0.938305	0.460604494
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1.263245	0	22.60649037
1.236325	0	36.43182505
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1.7894	1.056815	2.903999631
1.83767	1.079765	14.00667803
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1.6168	0.732575	57.8379267
1.66682	0.80647	72.32526777
1.6345	0.78587	2.003257992
1.26064	0	46.18598058
1.67425	0.82267	61.46198094
1.701565	0.814315	8.207702358
1.736655	0.928055	38.35867187
1.668035	0.87262	112.3107624
1.286765	0	9.837696013
1.72931	0.924925	7.067376798
1.646325	0.72393	25.9565547
1.59708	0.72172	27.65927517
1.379485	0.27126	0.62537779
1.57151	0.66309	20.00479915
1.8724	1.07929	117.9471608
1.891215	1.090085	112.8041686
1.91385	1.16314	79.49454402
1.82482	1.044105	43.65932541
1.80523	1.027375	136.8601656
1.79536	1.019905	54.60060983
1.784265	1.012545	160.2688292
1.78452	1.01368	70.92443989
1.785895	1.01734	86.03265188
1.79264	1.042695	37.39388985
1.79832	1.028615	50.44288477
1.784155	0.968115	23.54629502
1.799265	1.0467	35.11866466
1.763065	0.952325	105.2696016
1.748585	0.935725	86.24154158

1.73839	0.917455	111.9665323
1.74666	0.914425	133.6952569
1.75383	0.922345	61.35756472
1.763435	0.935745	114.8127766
1.77919	0.948915	58.48771507
1.786595	0.96116	26.29653408
1.81242	0.97466	63.58856966
1.810155	1.022455	57.26306089
1.59544	0.66446	22.70903059
1.609785	0.703615	30.87439621
1.64796	0.767785	15.02358543
1.67816	0.820465	52.77550609
1.705115	0.857285	15.05324837
1.646245	0.84522	53.41512821
1.604255	0.81365	24.76795436
1.51994	0.720195	22.59076658
1.59188	0.81143	4.419631446
1.605035	0.81476	5.63633965
1.532375	0.745185	22.44465211
1.404075	0.613285	20.06361352
1.581005	0.787885	24.96979248
1.66558	0.94002	19.08236751
1.66364	0.8495	19.63559923
1.683265	0.952815	16.69210938
1.69454	0.961765	37.6308972
1.625935	0.88947	6.704356903
1.55788	0.83515	5.435702988
1.45918	0.73785	29.64898564
1.556445	0.832305	4.33559649
1.62669	0.8906	27.49542795
1.677475	0.922425	5.536078194
1.719315	0.94716	13.00270361
1.77707	0.97288	1.521479533
1.77251	0.970485	22.35334215
1.65977	0.914345	57.7189658
1.6744	0.929585	11.66850648
1.42067	0.374045	2.22530119
1.66901	0.974725	11.34899096
1.68996	0.98864	17.53304634
1.734855	1.01393	1.658000977
1.72044	1.004665	33.27681841

1.749215	0.990665	3.130978534
1.80481	1.092815	28.49036314
1.814245	1.0943	20.61888378
1.81909	1.09348	0.984684951
1.79565	0.94622	14.76055732
1.766425	0.92524	6.590234236
1.722855	0.897695	16.08120459
1.650855	0.857925	17.5593804
1.57889	0.807335	6.788003712
1.509405	0.731325	16.31970693
1.552065	0.779795	2.806835388
1.576155	0.8205	26.70621722
1.632	0.85881	27.06787622
1.693695	0.899665	2.272601376
1.731615	0.922835	39.21981442
1.477825	0.63819	1.464044115
1.709165	0.911015	39.23950185
1.71762	0.91666	26.14719207
1.741935	0.973825	16.76433794
1.73921	0.97319	16.03803614
1.66446	0.865575	20.67875817
1.66282	1.04632	93.78066095
1.666645	1.04695	11.9055487
1.52796	0.773765	76.82112582
1.676815	1.061835	90.64874905
1.68883	1.06477	6.726561961
1.700335	1.069985	43.64166129
1.72309	1.0817	11.79000652
1.735105	1.093095	23.2700889
1.74459	1.09946	23.38751345
1.749315	1.103045	23.11267951
1.76723	1.111445	10.27177901
1.80022	1.1248	38.07882544
1.83106	1.132255	66.08876967
1.69773	0.74059	4.696712165
1.721115	0.896185	20.21539729
1.826435	1.12158	78.70556284
1.88671	1.180765	53.24933017
1.873595	1.176425	36.45507759
1.87985	1.17855	68.44262613
1.88667	1.177895	52.32669286

1.910565	1.187355	60.7825639
1.92435	1.19271	62.29753289
1.93329	1.192995	42.09082305
1.945825	1.19102	89.4328523
1.977985	1.13786	1.142860206
1.80093	1.07192	30.6964403
1.227125	0	73.3286915
1.65007	0.81828	45.64899469
1.68367	0.88301	67.17311783
1.749465	1.0277	26.95660801
1.73791	1.020995	71.80094235
1.72623	1.01886	83.34354502
1.698025	1.005295	29.59867714
1.17722	0	45.53142944
1.669945	0.97078	33.29532433
1.655095	0.95305	40.58185716
1.628285	0.9274	9.803843776
1.598275	0.8907	27.73146637
1.58157	0.849595	26.22983385
1.551805	0.77887	60.48232116
1.143335	0	98.92479254
1.13846	0	30.22525892
1.52401	0.77161	32.88949699
1.55413	0.845785	37.69548609
1.56823	0.88531	38.46606954
1.58113	0.91307	18.1341378
1.59173	0.936485	36.0412036
1.59727	0.95331	30.60563906
1.60381	0.968955	9.702850701
1.60984	0.982485	33.03901299
1.61564	0.99513	14.00094771
1.62673	1.00902	5.228877685
1.68359	1.100625	22.27631229
1.683505	1.10058	64.78807766
1.68877	1.10162	31.05084898
1.69978	1.1104	71.24365562
1.707195	1.118875	63.84406725
1.70835	1.098655	36.71756588
1.417995	0.66245	28.35786346
1.71025	1.106755	20.76599048
1.62766	0.92977	25.26253843

1.63055	0.93559	44.86192294
1.603615	0.89939	22.30393282
1.576495	0.84972	59.03314879
1.55089	0.77702	48.81564229
1.172165	0	127.6641351
1.998945	1.222245	75.98884222
1.896745	1.10032	1.499500854
1.97025	1.17332	2.43246746
2.015025	1.22652	47.02029446
2.012495	1.216775	49.95162993
2.004815	1.225525	72.8931114
2.011925	1.23525	48.754762
2.03278	1.26051	297.7470382
1.982425	1.252065	85.80164642
1.99494	1.215895	26.96984498
2.011525	1.22035	76.80759055
1.96669	1.19343	45.13033073
1.97735	1.204915	76.91412815
1.771455	0.761965	26.08188191
1.83264	0.91438	47.16656959
1.778575	0.8396	57.48953194
1.329725	0	126.1946408
1.607955	0.610225	42.16954843
1.28385	0	87.88918539
1.701565	0.723725	38.21566896
1.81357	0.95851	44.89949642
1.64633	0.592315	3.866778653
1.288435	0	82.66361415
1.73562	0.906135	9.524784095
1.63741	1.07901	16.95258034
1.625685	0.936615	46.15525708
1.718865	1.155225	36.78499548
1.721675	1.141425	1.910064399
1.614415	0.908305	77.00678712
1.589785	0.865275	21.24045891
1.547325	0.7902	20.07173273
1.13661	0	72.77105801
1.134965	0	63.85203951
1.521645	0.77124	63.45671943
1.63912	1.08189	33.62129328
1.63983	1.08317	19.94821116

1.640585	1.08446	34.3135351
1.65568	1.10348	2.358397051
1.60336	0.976055	58.97476975
1.590925	0.96072	51.89998919
1.111675	0	31.91986686
1.58068	0.931755	40.96471089
1.570435	0.911155	25.64641291
1.55218	0.87999	12.91112229
1.87303	0.92721	88.43273903
1.80193	0.854475	21.44611191
1.342325	0	101.1383539
1.84669	0.901205	18.80602916
1.79309	0.8669	20.34681697
1.70961	0.82041	32.70041495
1.698925	0.812405	43.26200617
1.782445	0.71338	60.73335526
1.75348	0.753525	53.573382
1.80548	0.800105	36.93908995
1.63874	0.558095	87.78584242
1.802565	0.806985	87.75456597
1.692545	0.562365	43.12732991
1.831545	0.8915	74.81490418
1.824085	0.87953	53.85108914
1.936325	1.12436	57.59224855
1.894705	1.068795	1.21309167
1.94931	1.129875	6.327202249
1.95562	1.129795	38.73239982
2.070395	1.2676	76.04430489
1.90931	1.02028	1.371962976
1.81774	1.000775	58.55430098
1.823565	1.01014	103.7049175
2.00802	0.907625	19.38330595
2.08157	1.246535	9.574831916
2.0843	1.293395	14.35535319
2.08084	1.295655	40.20112897
2.085115	1.28432	362.3790098
1.739585	0.75148	46.01728688
1.99977	0.922355	28.33267018
2.00068	1.13128	3.429620751
2.007375	1.19393	10.27315876
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2.005455	1.18083	348.6114519
1.973125	1.121385	56.0232156
1.339735	0	34.50215469
1.53011	0.277225	57.11692483
1.832685	0.87418	52.61981069
1.8906	0.925565	22.38919565
1.90046	0.919475	47.46645569
1.90162	0.92978	111.8571231
1.93851	0.949105	24.9336509
1.723195	0.754135	83.05368181
1.311645	0	55.07426605
1.885085	0.902055	72.71210085
1.829515	0.923135	18.26657831
1.803085	0.8893	8.506975558
1.851075	0.84778	0.274312321
1.96071	1.07819	21.26633786
1.8496	0.94265	43.50064937
1.896625	1.04757	0.209571396
1.89452	1.04424	17.71761417
1.884065	1.02127	8.33382393
1.357295	0	67.83191921
1.69867	0.729805	1.722839184
1.83838	0.979055	80.37517696
1.568705	0.496495	2.422977741
1.68985	0.75118	13.56696453
1.716505	0.80556	8.217071309
1.78461	1.012255	4.845404835
1.796225	1.042195	52.17903316
1.79422	1.04489	38.22133951
1.7445	0.848595	57.56526634
1.788485	1.01693	21.31066864
1.662605	0.708885	5.071402587
1.786425	1.016875	60.20147375
1.69213	0.863965	1.476946123
1.690785	0.82603	20.77342648
1.27144	0	27.57127417
1.622595	0.60647	41.34277193
1.38882	0.380985	45.60054463
1.66532	0.845825	10.90489753
1.631465	0.80367	20.71091967
1.606485	0.76061	35.04360527

1.560575	0.685205	22.17671224
1.44114	0.56357	8.939124718
1.59735	0.75198	39.1095217
1.649345	0.817905	49.32569687
1.67327	0.85562	21.01743347
1.724165	0.891995	33.81860582
1.619185	0.8175	24.01782165
1.64852	0.70816	30.27201681
1.658625	0.778585	38.01938647
1.582295	0.648165	2.647260961
1.82373	1.180235	0.080277332
1.82589	1.190755	41.69004701
1.711685	0.917945	1.276868297
1.736005	0.94397	4.125109756
1.785625	1.13203	34.12094196
1.762845	1.12209	25.79804079
1.75474	1.109715	15.71282219
1.669335	0.910705	41.4903095
1.652605	0.88646	66.30444269
1.64248	0.86086	106.7205379
1.747795	1.106395	50.62683795
1.736795	1.10489	89.56210339
1.67686	0.935975	42.908394
1.69555	1.07167	50.02714477
1.673445	1.061235	25.08325553
1.66623	1.056855	18.75827278
1.656395	1.051655	23.96807441
1.64659	1.045735	22.6502054
1.6378	1.04275	68.08619607
1.62759	1.034235	16.9391472
1.6178	1.028565	38.12311685
1.610485	1.00201	0.201993267
1.53367	0.86979	0.176769794
1.59388	0.932715	41.37022315
1.58897	0.846955	0.331353889
1.628655	1.025505	76.21006301
1.577575	0.909705	12.70600121
1.560975	0.879725	13.01014299
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1.515485	0.774365	26.1484531
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1.64365	1.04959	33.11256363
1.64546	1.053045	23.49651298
1.64713	1.055615	37.70156993
1.67755	1.060935	8.285668208
1.656155	1.05618	19.46493491
1.648625	1.05124	35.05606328
1.646975	1.051555	33.06302495
1.640485	1.04865	21.0141992
1.636205	1.045015	12.00335552
1.631225	1.04203	35.34261589
1.626485	1.03918	13.4952415
1.617815	1.03108	29.74693283
1.611115	1.02404	46.11931667
1.60624	1.02419	56.12240177
1.60262	1.020905	28.76825591
1.59976	1.018365	15.33450856
1.589865	1.006305	9.910031004
1.58043	0.993945	34.48632609
1.574555	0.9882	16.36954147
1.568335	0.97903	27.40701524
1.561725	0.968425	18.96837551
1.55577	0.958055	11.46718467
1.5388	0.91253	7.421571684
1.523835	0.884685	11.37201175
1.509805	0.853705	16.55912338
1.493575	0.81128	13.75387244
1.46487	0.741015	32.19871627
1.0721	0	12.68161806
1.662045	0.90967	65.59721937
1.64537	0.87281	34.96993936
1.614915	0.807105	55.07929266
1.20128	0	78.70326969
1.64566	0.704195	0.043897267
1.821755	1.18044	6.266358625
1.832155	1.181795	30.52347156
1.82973	1.18165	17.67769379
1.824995	1.16714	34.4988807
1.67089	0.95559	38.13549541
1.652435	0.93688	71.84431023

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1.674075	0.89853	13.24356473
1.67223	0.94332	8.839317448
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1.58838	0.79691	61.30875753
1.183975	0	117.0959649
1.677725	0.89251	34.92796523
1.688075	0.894485	128.4241712
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1.641765	0.935255	36.78081764
1.6594	0.9494	45.3133783
1.76068	1.03993	25.45036396
1.72819	1.021385	25.52715115
1.71962	1.00816	20.66252135
1.71038	0.99212	6.544809399
1.64566	0.881985	14.46258677
1.60696	0.81236	35.73609774
1.19307	0	57.10358495
1.76921	1.04387	120.6441258
1.79317	1.06255	27.77245821
1.781	1.051775	33.43673675
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1.62618	0.816485	14.79550823
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1.801325	1.07028	30.95386859
1.811335	1.081635	22.29411925
1.87548	1.160375	20.55262627
1.837575	1.09364	23.05177438
1.714745	0.98814	57.66441368
1.72102	0.997425	96.52011765
1.736305	1.009145	34.30978143
1.764095	1.055725	6.158989465
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1.656585	0.89742	68.03890241
1.82294	1.169105	68.86814045
1.8277	1.174125	65.67766046
1.83866	1.153565	44.14196133
1.62214	0.911285	57.6435775
1.844895	1.159155	86.01748169
1.87276	1.17527	50.01986161

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1.88011	1.176605	41.42712413
1.87476	1.17427	50.8184049
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1.68044	0.91699	53.4969589
1.70636	0.948135	31.24014363
1.72707	0.972335	23.32167913
1.71249	0.943255	2.004887318
1.723695	0.96424	0.046448466
1.914185	1.095725	0.431965982
1.91245	1.09291	7.154592806
1.899415	1.06331	38.82110526
1.85813	0.95833	65.59907853
1.81739	0.937475	20.56082149
1.73722	0.899455	9.378538266
1.70485	0.845255	53.92781496
1.442155	0.307645	0.139092955
1.735755	0.86854	24.72980364
1.721365	0.86446	21.7915015
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1.73335	0.800345	27.57844597
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1.802195	0.96108	56.93841029
1.810525	0.954365	57.79493642
1.80058	0.94064	30.23692986
1.721565	0.82622	19.65105471
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1.714185	0.834695	12.76523568
1.773765	0.907505	33.77739691
1.736235	0.85381	14.33316542
1.69816	0.810215	71.23764575

1.67198	0.75068	35.33227863
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1.88777	0.98552	9.329488797
1.84504	0.96515	33.57726069
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1.7944	0.92876	3.783551541
1.653115	0.65719	3.211467448
1.69077	0.82162	19.75881594
1.58808	0.73014	15.18206899
1.55041	0.70985	25.29048837
1.634525	0.787505	16.01659513
1.712705	0.841895	12.71234905
1.743475	0.874535	21.17974916
1.73424	0.88929	8.434660115
1.681395	0.851965	32.30744645
1.63342	0.80787	9.511714236
1.58836	0.749585	31.06854619
1.53756	0.65509	9.334546702
1.551815	0.69918	31.95673504
1.618605	0.793405	12.10369607
1.67504	0.84853	32.57777365
1.73006	0.890335	15.50881834
1.40844	0.17066	2.112404178
1.80177	0.903965	29.05353753
1.890995	1.115105	37.48984186
1.891525	1.11576	30.37529041
1.897575	1.11916	0.88990418
1.95015	1.124045	1.859728843
1.982345	1.19936	25.2751665
1.872995	0.957505	0.342809174
1.93097	1.12053	71.93853915
1.648975	0.727775	1.846424811
1.629915	0.696125	30.33205013
1.5551	0.581395	1.353244341
1.64309	0.6899	33.02221509
1.718225	0.817285	51.64396877
1.83419	1.039635	4.653747972
1.81497	0.976185	0.689400326
1.70819	0.75303	4.556202798
1.661705	0.761975	0.683160904
1.799555	0.96748	12.69362646

1.780045	0.93821	11.90405241
1.768695	0.90603	15.62224098
1.732055	0.836565	17.49240085
1.269135	0	24.83335492
1.268325	0	22.75802181
1.73888	0.92355	40.09842129
1.741955	0.911585	0.133871019
1.788055	0.82961	1.03616893
1.89634	1.0753	54.96161919
1.89319	1.10836	21.67365031
1.92893	1.120235	29.23851882
1.983375	1.134815	46.57894577
1.567665	0.607015	43.21854284
1.680255	0.755975	24.33780662
1.79301	0.933265	16.7730954
1.818595	0.952605	8.998173265
1.86644	1.041795	9.338999203
1.970745	1.076495	16.35150365
1.816035	0.856105	2.597380267
1.80392	0.94405	0.380701786
1.81302	0.9611	39.57103479
1.823435	0.979415	24.52156932
1.81834	0.98564	14.41120085
1.73622	0.884185	0.390594035
1.818965	0.98283	39.73887088
1.805655	0.976625	12.4730933
1.300075	0	32.05781208
1.427935	0	37.13684442
1.758385	0.881755	1.170556556
1.734455	0.83554	38.61543339
1.28343	0	54.37003254
1.90221	1.04637	22.77961362
1.86213	0.940495	3.601555017
1.72114	0.61898	0.183867398
1.89187	0.93496	30.76077839
1.35057	0	10.16454985
1.76843	0.847225	11.33745794
1.80554	0.913135	17.16382216
1.799985	0.88996	11.92202018
1.70368	0.80694	16.79952353
1.718395	0.846945	19.15866595

1.62867	0.74025	17.56702242
1.52979	0.64855	20.27601921
1.68554	0.84789	17.75103494
1.57074	0.683175	19.14531267
1.77391	0.892655	17.95251005
1.8085	0.964375	2.146101127
1.545535	0.57138	0.409500195
1.43105	0.253745	1.315674553
1.67785	0.77909	19.20305978
1.492245	0.574175	17.92340164
1.633375	0.768515	15.00545184
1.48762	0.570035	17.43137684
1.61888	0.73225	19.54793418
1.708255	0.848125	15.05162696
1.69322	0.80433	17.95829208
1.74129	0.88279	16.24992718
1.721065	0.73505	55.72072999
1.299565	0	60.22955415
1.78142	0.87434	69.50965688
1.80363	0.847845	1.63414522
1.77585	0.79846	59.70622485
1.66138	0.658	0.321671758
2.13047	1.232005	148.4715944
2.15664	1.23575	130.8811629
1.957555	1.018785	46.76996066
1.83236	0.80143	3.261573402
1.76986	0.738945	28.65558801
1.92282	1.001545	33.27003781
1.94468	1.00682	72.08031456
1.99094	1.023385	96.65877823
2.037225	1.105515	0.16115837
2.056135	1.143485	109.2072125
2.047255	1.143235	20.98001868
2.15833	1.240365	71.76565453
2.201695	1.27716	27.57056559
2.196835	1.28643	142.451214
1.83357	0.704485	1.491511506
1.37469	0.175125	52.14841002
1.234545	0	120.2950187
1.87067	0.8946	0.164512522
1.914215	0.892365	94.73441472

1.89589	0.893785	28.47349937
1.825385	0.99062	52.58140645
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1.84361	1.06221	9.875457193
1.852045	1.08747	58.2477034
1.805885	0.972405	16.9029649
1.29453	0	56.76622915
1.73324	0.89748	28.31642513
1.75496	0.962105	24.89241
1.24501	0	46.06338927
1.67599	0.825065	11.8490829
1.72541	0.896955	19.21747861
1.255475	0	34.51340641
1.255375	0	34.89727461
1.739535	0.871475	30.99620248
1.49836	0.376155	1.270747343
1.539895	0.86302	18.74423694
1.51801	0.837485	131.6620909
1.502205	0.81683	21.17997496
1.473695	0.78247	42.31316707
1.473435	0.775375	59.7177817
1.71099	1.108805	96.1838729
1.72206	1.12352	68.39589011
1.6606	0.96303	28.57516236
1.17698	0	50.48555646
1.56619	0.789445	26.41976978
1.590085	0.862385	51.62462173
1.612685	0.909185	20.57181276
1.39758	0.594875	3.796827594
1.64203	0.95026	18.87521649
1.719575	1.08811	27.48481531
1.72196	1.08914	28.2645323
1.74731	1.10135	138.6753994
1.111105	0	124.2535078
1.50032	0.76368	9.432268687
1.10789	0	39.13181347
1.24219	0	36.46862855
1.61089	0.78357	10.01836993
1.70334	1.1392	10.87112104
1.697925	1.135415	20.29699201
1.694875	1.13283	17.07841885

1.69183	1.12949	16.25174476
1.689495	1.1266	78.94089027
1.68161	1.120215	7.230938329
1.67669	1.116265	28.73767497
1.667715	1.10996	15.88280156
1.666015	1.10839	54.49731912
1.665005	1.107115	21.15194551
1.65928	1.103415	11.51698155
1.657575	1.103295	52.03626857
1.67991	1.04925	3.147224304
1.738685	1.179775	34.65922682
1.73992	1.179115	21.37017548
1.744345	1.18005	50.33384922
1.75106	1.18353	32.02340749
1.75052	1.18372	14.86591615
1.1495	0	99.6633266
1.74422	1.174955	48.56199682
1.747725	1.17503	27.89883548
1.751325	1.174115	64.49096748
1.75073	1.174045	10.78997883
1.257425	0	42.34402698
1.682425	0.83136	31.41056461
1.75263	0.98261	83.12983396
1.716655	0.898555	102.4497086
1.75735	0.989035	49.46006892
1.765635	1.00075	56.58376556
1.78192	1.008485	56.6394366
1.79871	1.021555	13.86888073
1.852185	1.04374	25.1262744
1.988695	1.219105	22.5689994
2.01525	1.229445	32.89540866
2.002	1.22187	26.43838981
1.99683	1.22065	19.64429019
1.981095	1.22345	57.65730487
1.96546	1.179485	29.1980022
1.746375	0.84523	87.06363969
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1.518355	0.530025	0.643086722
1.894345	1.0454	77.90446914
1.909745	1.08131	74.25795801
1.92088	1.081135	0.682966069

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1.94243	1.15254	8.370948862
1.90271	1.086725	11.60946542
1.3775	0	18.96481446
1.74926	0.95333	0.684399065
1.76742	1.001515	15.17777679
1.807345	1.02146	28.91427598
1.81901	1.033615	10.45289629
1.83561	1.04609	16.18184991
1.85122	1.05753	20.10979634
1.851755	1.070815	5.163965167
1.854345	1.077525	0.297709069
1.68892	0.75173	44.04084459
1.65522	0.703565	17.74498799
1.989265	1.159875	12.5171408
1.7728	0.96036	55.09056389
1.578655	0.60727	2.100093524
1.750165	0.913265	4.001054698
1.766205	0.93998	11.6302134
1.733265	0.89654	23.14421676
1.73868	0.871875	15.44173455
1.78546	0.94103	8.479495789
1.745275	0.87532	32.45687175
1.728485	0.846125	19.2552839
1.729195	0.864755	33.41370918
1.733005	0.88285	33.62133089
1.85747	0.96413	33.25247006
1.818655	0.87255	22.37965472
1.843675	0.942105	41.13340252
1.714605	0.7985	13.94621578
1.60556	0.654165	19.65383226
1.728935	0.819465	23.61492755
1.738435	0.852035	6.530237194
1.72847	0.804255	22.44761442
1.76814	0.82502	20.93781493
1.774595	0.84036	1.804228348
1.845795	0.893855	24.07219276
1.530615	0.52428	16.46393916
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1.941335	0.994955	23.10437263
1.82034	0.88638	38.36787945

1.36427	0	39.50830724
1.71891	0.97389	8.907044933
1.711645	0.976785	40.77717207
1.720885	0.98105	16.02975721
1.73163	0.98727	24.0497307
1.742565	0.99352	25.43524063
1.50086	0.6545	1.779948073
1.276445	0	112.4667895
1.519515	0.555975	3.796438679
1.748895	0.882	10.85464317
1.70721	0.81259	16.91690369
1.46548	0.47407	13.46372208
1.682115	0.853035	10.54287673
1.47112	0.2936	0.19493427
1.746755	0.903285	13.07334866
1.731595	0.899395	16.81541001
1.689705	0.76265	8.927111347
1.59937	0.690935	27.54356873
1.726695	0.80589	69.07131687
1.77253	0.904275	75.87703735
1.74857	0.849585	35.01151293
1.730755	0.831825	37.88493682
1.76042	0.9214	29.96439142
1.631545	0.819255	47.76753258
1.676275	0.88889	13.37431758
1.62792	0.83263	21.02983214
1.612845	0.81881	50.60464695
1.610005	0.69707	48.6829853
1.530225	0.67043	18.05242596
1.652315	0.881435	4.29735867
1.629585	0.83017	13.33418162
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1.593575	0.994765	31.43951377
1.587815	0.98632	12.68133441
1.582785	0.975395	46.61857192
1.579465	0.965805	31.342991
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1.57076	0.94108	16.5799697
1.56197	0.924425	45.48818503
1.1208	0	42.43001714
1.55478	0.905935	44.34004665

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1.70118	1.060285	32.30558632
1.698375	1.05629	47.69323299
1.697055	1.052275	19.35623423
1.69754	1.05202	58.99066186
1.700855	1.05797	142.1697301
1.70632	1.06531	75.68085871
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1.70132	1.07082	24.02183334
1.696805	1.072605	114.6435072
1.68838	1.067185	56.44641363
1.68197	1.063825	82.32035375
1.67823	1.06084	21.7158521
1.61814	0.86707	3.615081291
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1.159335	0	59.03274703
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1.08121	0	57.02367246
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1.6463	0.81698	27.01920306
1.230425	0	31.34048473
1.84373	0.82418	26.7261365
1.920825	0.76284	2.532703609
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2.14753	1.25101	12.66154013
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1.83673	0.8494	18.58950547
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1.83902	0.843645	38.51432405
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1.771875	0.76281	38.12710802

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2.01655	1.08798	12.83129882
2.03962	1.105115	64.79257183
1.888705	0.81954	2.233984732
1.97464	0.909615	7.94964376
2.06231	1.12121	6.627728332
2.047425	1.11238	3.619304651
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2.024445	1.10418	74.73995482
2.01955	1.13988	54.629737
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2.00842	1.09238	12.8419988
1.86459	0.835085	56.5259619
1.755625	0.72181	36.68998529
1.418405	0.135915	22.06141999
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2.067515	1.21615	153.1137169
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1.96421	1.017755	43.97278206
1.94981	1.017005	30.9324739
1.96795	1.0175	5.491520569
1.845985	0.73507	1.642680021
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2.119805	1.189095	66.90665487
2.036775	1.1027	17.35030642
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1.94549	0.98904	10.12374728
1.91882	0.92596	1.001840426
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1.831695	0.811195	51.13651894
1.801365	0.80326	47.81130636
1.780645	0.78361	29.51836142
1.79856	0.840565	18.13563665
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2.02985	1.12915	2.283423326
2.03026	1.1401	10.9247632
2.018305	1.110945	7.281121478
2.02996	1.04818	186.2311077
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1.999065	1.075695	49.89549267
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2.09329	1.16057	19.51961053
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2.109305	1.14041	37.31608958
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2.125335	1.223315	31.43678314
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1.995865	1.00042	0.738588227
1.995385	0.9988	53.18317335
1.91488	0.977085	56.80675103
1.899225	0.90947	13.97705171

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1.87799	0.87758	48.34760534
1.81938	0.81621	47.02511079
1.823895	0.832205	48.29183274
1.850895	0.87022	22.90179721
1.89839	0.98283	36.90430704
1.86857	0.91591	12.28314172
1.884145	0.906245	50.55968175
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1.641035	0.915935	11.42851506
1.618515	0.89981	20.77599587
1.61595	0.90349	11.07668844
1.6305	0.92019	27.72171745
1.65643	0.965335	3.814823451
1.69705	1.01637	6.927769645
1.712425	1.027795	21.28161865
1.75393	1.048555	11.67730857
1.962745	1.25696	5.20152005
1.79468	1.062715	50.63348835
1.95715	1.254005	40.83418573
1.63952	0.887065	42.59466327
1.60535	0.817005	48.5682338
1.19107	0	62.71490792
2.18519	1.24586	123.5844615
2.180185	1.24166	91.07150088
2.00428	0.991485	3.418762987
2.20936	1.304805	127.7539166
2.208065	1.30542	52.78032796
2.20082	1.30505	138.9925601
2.1877	1.314235	45.55569876
2.163165	1.30163	130.1038863
2.15675	1.252605	63.02220463
1.96627	0.98524	277.924532
1.946535	0.962065	38.53545236
2.15696	1.252	18.69676399
2.18756	1.251015	12.26636748
2.178095	1.249855	94.12449807

2.15127	1.235665	62.77963613
1.94123	0.955025	18.66931796
1.841055	0.84027	180.8838909
1.76717	0.74985	123.2779366
2.166675	1.23955	53.04042893
2.122285	1.22909	110.9718599
2.109305	1.120225	310.1787448
2.135775	1.227625	87.12847968
2.14027	1.23388	95.53730766
1.807065	0.9187	308.0002841
1.82088	0.746215	12.33497677
2.024455	1.06604	108.1567468
1.969015	0.92343	108.6844624
1.976865	0.91759	54.93284401
2.140565	1.126095	140.9397309
2.141605	1.12772	58.56664396
2.16036	1.13638	33.99892834
2.13484	1.14746	126.5021661
2.043395	1.126515	4.711960886
1.99665	0.86778	4.440358258
2.12695	1.148175	78.76665514
2.13932	1.13969	6.99172978
2.33873	1.402045	98.81886389
2.35398	1.40422	7.393710327
2.364085	1.396365	105.2069237
2.050995	0.747635	0.703073232
1.48445	0	46.78831156
1.893585	0.95301	8.350934636
1.96033	1.08113	75.11170497
1.924445	1.06914	83.04951826
1.92359	1.06963	57.7058999
1.91521	1.06952	10.90606692
1.92701	1.07184	15.52824413
1.92036	1.071315	81.69208242
1.9197	1.047425	19.88620761
1.92714	1.04927	47.0940345
1.975685	1.06054	21.75480049
1.813975	0.79253	2.054475471
1.907315	0.952495	11.59271388
1.91944	1.01379	46.23276715
1.857005	0.92275	31.47137787

1.802785	0.7813	19.81505263
1.34489	0	60.11489661
1.736395	0.770675	63.45209221
1.293875	0	16.79974773
1.338705	0	92.00805113
1.75162	0.845505	15.24515261
1.31448	0	42.14107308
1.33496	0	44.75178251
1.37276	0	80.36321548
1.87895	0.98619	168.2381459
1.89571	0.970145	359.0326738
1.72064	0.714975	111.6802587
1.51905	0.430295	106.6456653
1.820315	0.913835	46.33272483
1.76417	0.85689	71.1167527
2.01054	1.11966	2.104547336
2.06727	1.193125	16.75023997
2.033525	1.187395	59.97226372
2.008475	1.181335	23.62774688
2.006535	1.17316	64.91782551
1.96812	1.16312	74.58209102
1.952795	1.157645	20.01822694
1.92921	1.14816	58.55192521
1.78759	0.569435	6.599560331
1.4501	0	74.16597854
1.82467	0.72153	29.7867388
2.03668	1.16541	50.80162806
2.009715	1.155565	0.335110997
1.85511	0.90192	27.27002891
1.82883	0.76084	6.683856981
1.90275	0.935605	92.22687993
1.69768	0.622155	17.0517688
1.818565	0.76734	18.19997571
2.045105	1.13627	54.57594309
1.90758	0.87221	0.385184437
2.01042	1.12058	0.410907739
2.05955	1.21387	54.14223241
2.032725	1.17633	17.94862014
1.993835	1.167125	45.6023715
1.98216	1.142255	28.39481533
1.942965	1.13698	81.32018015

1.926335	1.13613	22.33072646
1.918375	1.130815	12.11922175
1.911375	1.128675	12.10743005
1.902535	1.118635	55.28656195
1.327785	0	51.09170318
1.7369	0.84437	101.7695785
1.858355	1.11464	28.12040659
1.866635	1.11467	51.26809744
1.880395	1.12732	10.48113149
1.861575	1.072855	0.626545392
1.848385	1.113925	12.26341032
1.828635	1.101895	41.01179571
1.766545	1.026255	4.470793328
1.52048	0.501445	1.714296395
1.76095	1.027365	37.29160365
1.761525	1.029525	47.30881798
1.773905	1.039765	64.98870617
1.774715	1.038155	1.109697923
1.78245	0.91466	0.816937727
1.830395	1.089645	6.041788366
1.840835	1.101645	54.56316896
1.85785	1.01245	3.605928497
1.861615	1.10991	14.4081824
1.93904	1.155665	47.0408435
1.90861	1.112145	6.651075336
1.72221	0.669865	3.40408811
1.94808	1.161335	24.17021781
1.94441	1.159275	7.185711169
1.95482	1.167395	83.25148475
1.97047	1.16915	75.36969228
1.969395	1.17421	28.96168141
2.003825	1.17422	100.0934431
1.98813	1.17156	39.67211629
1.987035	1.1086	72.06915321
2.019245	1.17406	42.52486552
1.97932	1.11582	66.85637728
1.9781	1.11439	45.2549026
1.951325	1.112565	46.05455914
1.992075	1.1586	52.76611342
1.97556	1.125755	46.19685039
2.00959	1.160145	90.29232719

2.12919	1.229755	39.8825329
2.13361	1.29802	81.50256863
2.137095	1.291225	4.808301249
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2.0519	1.16622	102.5736773
1.86692	1.047175	11.48725003
1.79025	0.85406	88.60197556
1.88423	1.060085	69.3293693
1.30488	0	25.66331814
1.81945	0.95597	35.83467322
1.75978	0.908215	15.6375979
1.69388	0.83382	28.09946705
1.2633	0	24.69139083
1.784135	0.977985	19.52232773
1.744985	0.952005	73.90119228
1.6955	0.83574	22.46958158
1.24816	0	29.57806752
1.683045	0.873535	24.26532969
1.671855	0.862515	7.572554506
1.232075	0	70.2426988
1.696895	0.891955	29.28625767
1.74526	0.9322	29.97663861
1.777685	0.959945	20.74344841
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2.022205	1.21784	41.13660771
2.00729	1.218265	60.02605708
1.994105	1.217665	59.15733563
1.99189	1.20382	9.887268287
1.961605	1.189485	30.49279579
1.96035	1.178225	89.27229389
1.958935	1.180975	104.6274666
1.95814	1.185395	63.14030059
1.95659	1.187405	27.94712192
1.952475	1.18967	69.31868135
1.973975	1.21082	17.94063955
1.971525	1.210705	52.98972376
1.954495	1.18408	20.21730661
1.93881	1.13291	0.749580716
1.800155	1.028755	0.95204962
1.939795	1.17604	87.15670302
1.94277	1.16006	20.39484823

1.96433	1.180105	113.3952867
1.72388	0.83621	30.3999853
1.290505	0	99.56139378
1.937205	1.009215	156.1145714
1.901345	0.98371	36.17997884
1.97724	0.99541	17.14026173
1.984515	1.074175	24.19134415
2.048915	1.160295	10.28833818
2.05941	1.163485	44.43346143
2.063665	1.17774	29.02455657
2.015385	1.068835	130.3292608
1.96816	1.120935	9.605582535
1.921915	1.109925	65.49292598
1.90293	1.059865	64.76846148
1.803635	1.004235	21.14682733
1.765495	0.983535	59.99320648
1.71567	0.954055	40.26573667
1.665205	0.822235	7.38909378
1.24884	0	113.5526298
1.31102	0	32.62871075
1.75969	0.84591	17.07760949
1.671345	0.88423	16.56842332
1.68314	0.895755	55.08700628
1.697095	0.90836	86.23639092
1.632855	0.81862	39.783928
1.21467	0	18.40107011
1.52018	0.571675	16.30256851
1.661385	0.79841	17.37412482
1.70019	0.864615	75.71659745
1.72867	0.90297	85.14948581
1.7183	0.934035	47.46564869
1.273905	0	17.32214958
1.716125	0.83421	79.10805464
1.78098	1.001565	47.49249303
1.79227	1.0295	12.60325254
1.810825	1.06857	40.8006344
1.842295	1.082785	18.75063997
1.25675	0	43.95552584
1.81689	1.03826	16.45660113
1.775345	1.01819	56.32835539
1.74355	0.997945	12.15231088

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1.63592	0.81681	26.74876086
1.67454	0.88589	8.492045326
1.661205	0.880595	49.0027019
1.626725	0.813555	49.852112
1.191315	0	27.22468243
1.271785	0	66.08678064
1.324505	0.26195	2.091715363
1.711625	0.868755	2.050540773
1.784705	1.05257	59.65740067
1.79507	1.07838	7.214722529
1.72972	0.99714	0.88645741
1.722805	0.979245	29.19969417
1.688455	0.95098	70.45171889
1.646145	0.91411	15.74114202
1.61958	0.86979	15.95454587
1.58819	0.801415	28.98842804
1.15716	0	36.27594679
1.663825	0.82296	17.99289425
1.232015	0	101.0488135
1.33133	0	53.64486246
1.80343	1.0826	110.887739
1.81999	1.084135	62.61412253
1.731615	0.962735	127.7729565
1.84574	1.05104	21.88043911
1.8247	1.04105	59.02291988
1.80624	1.057725	9.332975049
1.772475	1.00001	21.77359191
1.7525	0.98696	79.41140884
1.77953	0.998695	20.92068229
1.758075	0.98393	35.32786465
1.273545	0	42.61338058
1.789	1.00699	57.93386611
1.79867	1.0129	135.1009805
1.805055	1.017465	131.5499572
1.81714	1.013905	3.932576235
1.808725	1.024765	55.1901134
1.837985	1.03703	138.505125
1.70893	0.796675	4.96947873
1.862995	1.044595	68.70582803
1.879085	1.052145	62.09751235

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1.680795	0.837665	18.32306053
1.54238	0.699145	72.3078636
1.47835	0.625935	13.92096875
1.65636	0.7934	35.34959627
1.73432	0.84765	97.01068094
1.780215	0.883655	33.54291767
1.971595	1.06339	44.08640174
1.93372	1.053465	127.7090248
1.905075	1.04754	30.96963308
1.87747	1.01399	97.49134794
1.8557	0.99864	32.1874393
1.82389	0.979515	51.7600585
1.78897	0.963155	116.2808344
1.7558	0.951745	196.3714384
1.71975	0.93795	85.10488578
1.692735	0.928775	72.25289634
1.67804	0.92383	65.72978794
1.72051	0.901565	155.4367243
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1.700415	0.925835	52.60723502
1.698005	0.92251	21.41619347
1.71609	0.933825	88.04333944
1.73878	0.94834	100.0140562
1.781755	0.96724	65.22061177
1.940505	1.11444	95.85639345
1.94345	1.12739	271.3925173
1.913765	1.1537	20.40770198
1.92466	1.136825	155.8278126
1.913575	1.159605	147.7219377
1.706335	0.91925	131.3873043
1.711275	0.937075	75.75197214
1.72284	0.955115	41.98661864
1.736925	0.9685	117.1814903
1.931595	1.188155	33.11288555
1.94413	1.19344	74.51932344
1.70281	0.90615	29.22727356
1.95887	1.20406	125.0715994
1.949435	1.196385	30.28254547
1.774525	0.972665	34.71253211
1.716315	0.92338	54.31600406

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1.210245	0	49.23540787
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1.873485	1.05529	34.6013969
1.873535	1.08251	22.32734854
1.828375	1.066415	44.5036245
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1.74438	1.019185	39.78501014
1.732025	1.012635	47.44356559
1.70442	0.99462	24.00632004
1.693495	0.956335	9.603769903
1.66292	0.931435	127.2759548
1.19458	0	27.37580129
1.647775	0.821425	19.1447566
1.21238	0	33.70666322
1.70635	0.8901	114.5302784
1.74429	0.935315	22.67003805
1.563355	0.674305	41.77621669
1.59384	0.722585	106.025619
1.66661	0.812415	24.35803135
1.985765	1.195375	7.495869193
2.01841	1.227655	22.76743011
2.028505	1.236965	16.4767325
1.96686	1.20045	128.3712758
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1.846915	1.078495	50.76760388
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1.82122	1.050635	40.18108832
1.7824	0.956325	7.151269399
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1.68959	0.83364	31.51319958
1.256935	0	20.47068189
1.824365	0.995005	96.78886894
1.81201	0.980235	96.17086235
1.783975	0.96541	130.6845252
1.728875	0.92826	14.69231807

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1.62867	0.80621	105.7040975
1.21367	0	67.2400857
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1.959075	1.207075	67.15685644
1.742645	0.8426	6.52573712
1.783485	0.952575	45.88940331
1.799875	0.998875	47.54660759
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1.294185	0	40.66460206
1.275545	0	67.85233188
1.888425	1.1833	181.3986523
1.925255	1.19742	58.89806162
1.94416	1.198885	105.4567232
1.95766	1.201805	71.37599179
1.962395	1.224475	31.69395486
1.961135	1.2175	73.76763425
1.728645	0.895495	66.50343065
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1.688525	0.8743	116.7375152
1.705485	0.88735	133.3026384
1.722025	0.902275	19.83959126
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1.828845	1.10125	16.92059114
1.80023	1.087505	69.4880321
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1.27215	0	38.9909497
1.6977	0.87396	28.34032102
1.662345	0.8344	20.58421248
1.6112	0.779735	14.82234579
1.584245	0.74971	32.63359624
1.60699	0.76571	41.71386451
1.630245	0.79123	127.5098025
1.64288	0.825225	47.39183788
1.71895	1.026205	30.97357956
1.70347	0.990945	103.3868412
1.65276	0.880445	32.66888848
1.684295	0.974175	38.37167245

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1.73875	1.04218	22.78223934
1.75747	1.041265	38.06067521
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1.257855	0	39.02401739
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1.751295	1.041935	14.36473698
1.737105	1.03481	39.85693171
1.729045	0.98412	94.48884228
1.707105	0.972555	74.89389993
1.68211	0.944925	126.1990052
1.667295	0.91892	88.96764747
1.6831	0.94628	55.37936036
1.614585	0.76386	8.018357864
1.54797	0.685795	47.48123295
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1.76194	1.047395	62.05501829
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1.622075	0.804235	36.00902882
1.600745	0.803755	5.66789845
1.53287	0.696695	64.48298558
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1.81731	0.96432	70.17374853
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1.841355	0.9766	213.3386874
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1.693955	0.802735	70.2549255
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1.775665	1.004625	21.96766236
1.74754	0.990915	43.68583062
1.710545	0.879495	3.972022161
1.497595	0.609925	4.824335463
1.684995	0.83574	45.85498339
1.554235	0.707375	19.2644274
1.526755	0.683235	48.37871938
1.27083	0	7.977746313
1.66078	0.81032	5.239587161
1.97809	1.116955	20.02879666
1.95301	1.10743	101.9717685
1.96854	1.127165	85.22002487
1.94779	1.13757	113.0330109
1.892955	1.135275	53.79258631
1.922095	1.147135	274.7283137
1.88708	1.023505	24.97632916
1.870415	1.015645	66.73758616
1.849545	1.009925	43.5883195
1.92326	1.03268	109.7851591
1.98248	1.175715	34.32859944
1.899705	0.96121	52.47646535
1.80624	0.90781	33.33921648
1.720905	0.831525	157.9744864

1.287525	0	44.3907371
1.337675	0	124.4261179
1.78759	0.84579	18.71356171
1.921915	1.03075	49.13766167
1.949325	1.05074	30.87117288
1.98459	1.06117	193.1266379
1.911705	1.148035	32.4187428
1.893955	1.144275	135.5348037
1.908045	1.171915	3.973958721
1.88559	1.14472	35.90426468
1.914405	1.180235	13.02842666
1.89645	1.180395	25.36836795
1.894795	1.17982	101.9803782
1.880265	1.18045	10.98236208
1.8853	1.18642	111.5954013
1.914925	1.2048	119.4635162
1.98974	1.222005	129.6451091
2.00215	1.215665	30.49488947
2.02344	1.228445	71.96742484
2.03998	1.218465	1.783620848
1.694965	0.839305	55.28758864
1.25508	0	15.94752418
1.823375	1.059985	66.33854221
1.825385	1.06712	65.57285397
1.834365	1.09678	75.95953716
1.262725	0	89.38710815
1.676765	0.866245	63.38203492
1.7034	0.91344	56.13929353
1.818695	1.05938	63.12611073
1.838595	1.11859	50.01266345
1.82194	1.06108	93.48803455
1.73363	1.0008	54.81522888
1.73524	1.00055	20.97259022
1.74012	0.998065	75.91335231
1.73453	1.00632	17.20627828
1.598055	0.792025	61.8464583
1.75695	1.01931	10.29677301
1.776895	1.02822	97.35905039
1.785455	1.031095	80.56794775
1.756045	0.99279	15.34765609
1.76992	1.00452	27.72890945

1.770995	1.008915	42.58008645
1.7899	1.042695	40.93963284
1.79705	1.052065	23.14102041
1.980935	1.19112	123.6560624
1.921955	1.16256	190.0008677
1.676235	0.835855	59.17823672
1.24115	0	14.82757028
1.499835	0.52408	137.0831945
1.759605	0.94646	156.3631006
1.75201	0.938085	50.30829724
1.765845	0.974975	4.377518961
1.54662	0.7235	81.90436438
1.630085	0.786845	32.78384057
1.66579	0.79384	89.1501657
1.70602	0.82526	79.88938013
1.74218	0.910765	28.72981671
1.768385	0.95293	20.9666309
1.77333	0.97104	69.14964247
1.826775	0.97116	157.0849312
1.759865	0.90627	121.5100821
1.244685	0	40.60003581
1.246775	0	42.72883535
1.705225	0.84293	21.41736839
1.784755	0.88949	152.1651148
1.86639	0.88381	113.9145936
1.909445	1.214805	23.65501994
1.932805	1.229295	56.05681429
1.927215	1.227515	59.20047139
1.92008	1.221155	57.2285254
1.28645	0	81.52289991
1.704005	0.84055	50.10464483
1.76977	1.029065	9.722483242
1.21047	0	37.8541509
1.635595	0.821725	10.83695583
1.68675	0.90707	108.9442015
1.71215	0.945705	13.4893333
1.861745	1.138895	13.95600193
1.94421	1.214275	123.1456562
1.917985	1.20271	30.77681475
1.91261	1.218265	52.70852386
1.74773	0.92143	28.73661864

1.698485	0.86591	85.01547492
1.700855	0.842	228.6081433
1.73909	0.83755	54.69821507
1.83145	1.07329	39.9162006
1.843265	1.085495	34.07988792
1.845115	1.080295	17.68480002
1.290645	0	147.3075593
1.696415	0.824745	117.4910578
1.723805	0.90192	2.191289201
1.74768	0.97971	46.73096565
1.77049	1.039655	34.16699894
1.270775	0	116.7337471
1.66714	0.8728	384.9433065
1.973325	1.18295	52.31875913
1.978705	1.140465	134.8164202
2.010015	1.13508	165.7751539
1.865465	0.864295	263.7835334
1.78586	0.82953	85.34653088
1.757885	0.835395	39.96400874
1.807515	0.88661	42.68272878
1.77613	0.822775	99.20418235
1.65036	0.66136	25.96753695
1.83609	0.90179	108.4978759
1.85331	0.932775	61.73035167
1.298615	0	1.785963366
2.080655	1.228715	179.3568337
2.12619	1.229625	159.3992513
1.733355	0.86544	8.75570424
1.728265	0.842485	9.327959161
1.29954	0	84.47629854
1.708995	0.833595	22.5451725
1.765625	0.89845	26.26413016
1.439465	0.245145	0.021010712
1.852465	0.975635	10.5611529
1.865385	1.017945	63.11027661
1.880215	1.06816	58.30264685
1.8557	0.972535	67.45837695
1.78332	0.95843	22.80719141
1.72843	0.90652	23.9387234
1.664775	0.823505	18.484615
1.22321	0	166.7085491

1.78191	1.07	20.42349358
1.79178	1.097685	7.529613067
1.76249	1.058	28.09999215
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1.73386	1.037145	40.9710625
1.71258	1.01821	11.20463741
1.155585	0	38.34538001
1.560215	0.78451	11.88986515
1.60629	0.86701	49.52968896
1.64515	0.917845	12.28031347
1.60309	0.80752	3.132471269
1.669865	0.95191	64.57026684
1.190225	0	145.5682546
1.23696	0	99.96217022
1.66019	0.82625	26.03999596
1.76067	0.83983	68.95557793
1.809795	1.07534	40.70815035
1.77637	1.068685	92.40335539
1.752515	1.063735	40.60534295
1.72818	1.05115	16.30765326
1.731105	1.05399	33.02447054
1.738995	1.058725	105.023458
1.76305	1.07828	24.42302236
1.83242	1.12767	5.902175305
1.790065	1.11103	39.16715131
1.770315	1.110665	158.6862628
1.63529	0.81808	8.909538629
1.753575	1.11138	28.68089001
1.193845	0	46.00057695
1.31113	0	50.17184311
1.749535	0.84983	92.94861792
1.788105	0.927065	76.02958568
1.807715	1.0404	42.32068584
1.623165	0.81257	15.9906917
1.707215	1.034895	100.461522
1.73233	1.093965	53.21839531
1.187665	0	51.46636282
1.662045	0.98432	12.70891105
1.64098	0.96164	24.2027809
1.618935	0.93577	18.98067009
1.598045	0.902005	9.569007131

1.571425	0.85668	26.18291449
1.533775	0.782915	15.62286117
1.126345	0	43.50161988
1.68125	0.993425	68.96944477
1.67388	0.98123	81.31295787
1.65522	0.96295	24.99830647
1.62353	0.932455	28.08508888
1.60737	0.90491	106.8763782
1.574495	0.858885	14.894212
1.533955	0.781535	47.36961037
1.127775	0	37.36673862
1.806615	1.042155	59.87433664
1.82026	1.04952	59.28229041
1.831415	1.1248	151.0868431
1.85778	1.12843	122.9801063
1.95648	1.17925	254.9376201
1.814535	1.095	65.91494087
1.82837	1.12501	44.88117339
1.85235	1.136355	91.78196608
1.72939	1.01422	24.06648408
1.71819	1.006165	102.7921022
1.70509	0.999335	149.5448143
1.697165	0.99429	26.48781986
1.68965	0.98758	62.44070741
1.68232	0.97924	24.50464249
1.68109	0.977435	16.5291952
1.67909	0.9726	13.51840765
1.71086	0.99364	6.639420735
1.843695	1.1224	65.10576618
1.84021	1.120595	32.38743533
1.870745	1.15137	119.036698
1.2512	0	64.94100746
1.851605	1.162745	120.8098203
1.853495	1.136135	45.81297547
1.851605	1.165235	56.44786138
1.84602	1.1699	8.183976588
1.847335	1.15919	39.50369767
1.859545	1.174185	11.08781909
1.88103	1.1916	117.7265546
1.874015	1.131045	41.8866171
1.852325	1.169985	34.74591343

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1.785485	1.10527	40.32188286
1.72923	1.022275	1.810590924
1.75729	1.095175	16.51756175
1.685995	0.978645	6.84739853
1.58784	0.737775	52.52939238
1.251955	0.11282	6.242529644
1.584815	0.744	3.375429668
1.68278	0.967415	51.86086266
1.2084	0	7.084018188
1.66862	0.956525	61.30136699
1.35018	0.38377	3.83640473
1.62158	0.8826	5.171588492
1.637065	0.923385	19.29877061
1.155185	0	22.86167932
1.57813	0.805695	19.33525447
1.272085	0.27579	101.6851613
1.544855	0.72351	55.84504838
1.19957	0	40.71363157
1.66211	0.925775	0.865762565
1.64495	0.884295	48.09510923
1.198705	0	117.5865413
1.61185	0.79899	47.96852519
1.64709	0.88236	24.71702791
1.68403	0.98154	26.63434272
1.595025	0.802065	57.88493069
1.18209	0	29.54435881
1.71347	1.00145	61.20334185
1.75157	1.03122	6.732572128
1.230255	0	162.1034016
1.64862	0.81464	21.83778248
1.70934	0.90764	17.19830834
1.717355	0.955765	12.60908732
1.698155	0.927735	1.001083863
1.742345	0.967575	75.97321113
1.72867	0.96219	121.4866021
1.228595	0	104.8976081
1.6939	0.721545	74.66624831
1.61945	0.561205	2.073833245
1.449815	0.227915	41.163531
1.66249	0.681355	29.01855091

1.69255	0.67453	0.32673099
2.034495	1.1298	3.301032896
2.03408	1.20537	81.13062099
2.037605	1.21737	20.16722597
2.061325	1.22967	15.54662291
1.68448	0.760365	1.148941099
1.76127	0.911945	1.144104143
1.6898	0.79942	46.3244084
1.707115	0.84313	41.86189465
1.73576	0.88328	42.25074037
1.767985	0.91928	48.35087628
1.557715	0.55507	1.205959776
1.75313	0.789725	2.637226567
2.03514	1.245995	135.9659051
2.0379	1.23704	1.30733887
2.045085	1.2494	5.422616051
2.041865	1.256605	13.59365079
2.033245	1.25608	79.46518491
2.03129	1.259765	4.41274061
2.03224	1.25486	6.455373933
1.841145	1.00065	27.92086912
1.854455	1.000345	184.9348697
1.85799	1.00226	13.7066893
1.849175	0.99451	10.68806671
1.82939	0.933275	61.53086907
1.96412	1.1165	1.92198352
1.900805	1.060225	6.878069491
1.76541	0.88034	0.524341424
1.793475	0.912385	90.81775225
1.403675	0.187105	0.442300407
1.71514	0.76736	27.90516046
1.588	0.60637	0.264407337
2.033455	1.26766	127.7296582
2.02453	1.25215	55.55949272
2.02425	1.251315	13.09781129
2.029745	1.24696	29.74132541
2.028215	1.245015	2.70672142
1.7478	0.84821	28.01779768
1.82962	0.99106	7.484853846
1.758485	0.878715	47.78167098
1.62058	0.640075	10.87574561

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1.49774	0.348205	0.623730486
1.73016	0.82593	77.83123845
1.710155	0.7354	67.16483029
1.932045	0.87467	0.236822993
1.918565	0.978495	2.164814208
1.91392	1.035385	38.84358062
1.91212	1.05204	20.15431572
1.943895	1.072095	72.5828501
1.72039	0.780455	1.013657362
1.2482	0	74.4823768
1.888165	1.087345	25.10992848
1.87697	1.08475	92.73267678
1.87875	1.11536	12.87162604
1.867575	1.08911	91.99502204
1.83243	1.03938	192.908757
1.86847	1.105225	0.469086282
1.875325	1.113605	32.53432733
1.74649	0.92389	41.44676578
1.71702	0.89883	74.80054947
1.67978	0.86325	28.09526187
1.26856	0	51.75049396
1.707815	0.899975	7.10090176
1.738355	0.94372	29.5031073
1.355755	0.174815	0.1509746
1.24254	0	39.98346613
1.80489	1.01791	163.101941
1.320925	0	0.497595509
2.02522	1.303125	80.4448991
1.86423	1.04636	16.29614467
1.83828	1.03384	64.86021727
1.82119	1.02322	48.57337038
1.805875	1.01663	20.84770539
2.031695	1.27155	198.5190968
1.98341	1.22895	10.54199156
2.04255	1.27895	80.91842689
1.980635	1.21345	70.19905883
1.978025	1.228515	45.32421034
1.84419	1.044175	111.606259
1.810415	1.04427	33.26702018
1.816635	1.069645	81.44939163

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1.77103	1.00171	102.6420375
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1.671755	0.829985	58.74169336
1.240405	0	64.27457772
1.8268	0.978665	6.138176402
1.830645	1.01594	173.4791353
1.82323	1.037625	99.23067123
1.84087	1.087555	124.0526695
1.69557	0.794515	56.51567167
1.74758	0.88405	33.58959823
1.233425	0	47.62489232
1.72723	0.946755	53.0288392
1.668985	0.805475	101.9281372
1.687715	0.90034	91.34093802
1.65634	0.828525	17.65091495
1.22686	0	60.68423444
1.963905	1.209345	115.637365
1.943155	1.17202	102.4684069
1.953605	1.20786	39.30708214
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1.931745	1.18768	155.0460903
1.754705	1.001655	29.94892379
1.79305	1.032275	72.76970094
1.726735	0.934555	13.69638338
1.74413	0.95943	58.8908082
1.767615	0.99696	57.28472823
1.734785	0.94226	108.8132749
1.75611	0.97311	45.82749696
1.7523	0.954265	21.91364778
1.734215	0.96087	62.19773943
1.707985	0.94786	63.58588309
1.72177	0.956145	14.6381455
1.913455	1.189245	60.39502389
1.928695	1.16967	137.6640871
1.777635	0.92297	57.55431236
1.72729	0.84267	125.6158389
1.246445	0	129.5817412
1.257965	0	57.67756922
1.691535	0.83108	55.33632616

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1.75038	0.950405	26.74753081
1.790575	1.061105	211.8021541
1.80903	1.0929	51.88286341
1.733145	0.988	38.49797494
1.67073	0.826705	29.28752595
1.228405	0	33.89119267
1.65931	0.876745	180.9667246
1.616665	0.80471	52.75540281
1.199755	0	42.41881617
1.926355	1.19732	87.33833593
1.914	1.1753	53.35351824
1.92714	1.19513	23.64620404
1.82922	1.1003	25.92729571
1.923905	1.180685	97.03312836
1.94089	1.185095	69.25656036
1.98279	1.211675	40.7427835
1.94981	1.186235	85.42608951
1.984135	1.204705	122.5252111
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2.00724	1.20501	124.983766
2.0596	1.27752	9.39958389
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2.096025	1.294885	225.5712127
2.084555	1.28426	45.48673222
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1.73269	0.98297	105.7906763
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1.73051	0.980025	59.19447206
1.729925	0.979505	80.1658404
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1.76469	1.021165	30.2267951
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1.85202	1.11679	34.06678145
1.83028	1.07548	45.69173449
1.82506	1.05995	35.62743614
1.79761	1.050665	46.61457374
1.88184	1.14057	8.894864924
1.87382	1.124195	29.7199967
1.82943	1.084825	16.23321819
1.806875	1.05583	26.69053733
1.873015	1.13169	36.36139903
1.86097	1.115335	21.75413242
1.843805	1.09342	29.14730644
1.89865	1.16169	56.27207696
1.88692	1.1407	35.84038716
1.70938	0.838045	33.07589663
1.285465	0	28.55605815
1.795995	0.958375	47.91000239
1.74962	0.90898	37.32735252
1.70893	0.833415	51.74636972
1.27916	0	66.97438394
1.72058	0.83482	74.59574663
1.29287	0	109.3873023
1.717225	0.835135	43.96540066
1.272325	0	50.82687573
1.66011	0.831625	32.07804177
1.73135	0.904725	56.58837037
1.674205	0.826045	18.31941118
1.253175	0	66.17472871
1.595965	0.76188	17.8125155
1.63365	0.80254	43.43431936
1.611465	0.733105	55.15865578
1.690805	0.801495	20.10108653
1.716605	0.825805	37.41013615
1.623625	0.781235	101.8835466
1.28277	0	42.09759921
1.71772	0.901485	2.947954695
1.772675	0.94882	22.35541508
1.804065	1.01073	7.663368415
1.81964	1.027135	13.07023931
1.82848	1.05793	32.83821949
1.843195	1.065085	94.7362689
1.9671	1.228175	16.79260416

1.878465	1.076545	16.73508504
1.956955	1.23014	89.00778186
1.872285	1.0429	14.08225255
1.85347	1.00832	7.459433816
1.309725	0	41.17273011
1.825975	0.9891	28.86657755
1.764135	0.95847	18.19534624
1.71181	0.925805	17.50050067
1.670145	0.890565	6.069379819
1.6198	0.84433	14.93525365
1.63394	0.880575	19.62864017
1.74168	1.017305	19.0303363
1.69029	0.95462	27.49060002
1.64779	0.904505	11.84256956
1.60844	0.82725	12.50937182
1.189335	0	30.77586013
1.755165	1.02938	55.89038861
1.765765	1.050135	37.8283729
1.773805	1.06772	11.66874314
1.22835	0	28.51296027
1.790325	1.087665	48.70721664
1.79326	1.094155	3.462908929
1.605925	0.744475	23.74405748
1.20504	0	56.6448233
1.429575	0.351575	24.27123335
1.818805	1.10728	27.25577184
1.27868	0	55.48648907
1.712795	0.83756	14.14606508
1.863745	1.137905	81.25226316
1.91733	1.177135	11.86737813
1.947455	1.23445	62.29980989
1.835595	1.05785	38.70485465
1.880485	1.168165	38.20179385
1.77829	1.03146	17.02010941
1.74893	1.008605	30.92517468
1.701105	0.902115	3.973577755
1.66075	0.824035	31.71956538
1.237515	0	41.71345413
1.659745	0.824935	27.10486248
1.237885	0	30.49968648
1.852865	1.13857	33.55340388

1.832685	1.111265	62.26082501
1.821435	1.07891	8.474028631
1.68444	0.83695	24.23067497
1.22669	0	58.60181709
1.226135	0	34.37169096
1.65439	0.82469	18.08345892
1.705075	0.903755	13.70677332
1.80138	1.06655	65.31272061
1.78832	1.05795	46.65509651
1.76578	1.04471	14.46691966
1.66849	0.84427	26.89103376
1.65877	0.83099	78.59203667
1.70965	0.87411	17.63578682
1.75474	0.911295	60.36343695
1.833065	1.053795	43.92501848
1.7823	0.936935	30.31379071
1.84941	1.066425	85.21386206
1.747955	0.972905	25.69503674
1.707135	0.934905	41.20949194
1.236525	0	110.7879144
1.680725	0.892495	56.74363989
1.220055	0	79.87552943
1.152045	0	22.8071691
1.571025	0.798935	11.32576278
1.613095	0.877185	25.74837519
1.647035	0.92466	18.519447
1.6793	0.962005	16.69634544
1.70069	0.98836	37.34907125
1.72812	1.01218	33.27073792
1.146705	0	53.84489651
1.55365	0.786345	74.2277651
1.59624	0.864405	11.38199888
1.637555	0.919815	43.8284617
1.664495	0.92777	4.298306882
1.672355	0.956795	7.71163128
1.67096	0.918595	74.43377011
1.74573	1.073735	70.482103
1.751825	1.077385	32.4798073
1.7662	1.083855	48.2715582
1.78037	1.087335	184.3907446
1.77802	1.017135	16.60487717

1.739285	0.99023	34.47951347
1.700605	0.959365	12.27224606
1.66341	0.922335	17.60582608
1.64067	0.88009	61.78741453
1.604385	0.80975	17.20094714
1.18484	0	42.86555953
1.78961	1.0839	14.62535212
1.796825	1.103275	66.05614694
1.805365	1.10576	78.8358404
1.73761	0.994855	102.8901406
1.71193	0.98074	29.01768994
1.70198	0.97134	38.31511488
1.72736	0.98067	14.95358139
1.832545	1.130695	21.0708491
1.661585	0.91753	22.34288438
1.8362	1.110325	55.78225643
1.84542	1.116275	67.54871543
1.845765	1.11903	59.8659801
1.30112	0	155.42164
1.63673	0.88483	51.16796515
1.604435	0.845415	41.0701581
1.489645	0.72406	32.03608698
1.454275	0.68973	25.96943906
1.62455	0.851295	122.2039658
1.690625	0.954845	77.43180783
1.72545	1.02324	44.04504495
1.61752	0.81689	25.66863956
1.189735	0	38.06112941
1.636565	0.884825	21.44037211
1.588975	0.806355	39.17252165
1.17784	0	44.23076872
1.624885	0.88028	79.97774463
1.580015	0.79967	10.92232899
1.166655	0	72.77334889
1.73635	1.0314	98.06931357
1.754375	1.041795	53.87583107
1.772005	1.052735	76.29741476
1.796345	1.06139	92.63163085
1.806665	1.08277	51.83615312
1.66673	0.8261	25.14790795
1.2312	0	38.47228305

1.633515	0.81674	68.27285248
1.200645	0	31.39348549
1.824405	1.091095	51.97609957
1.842125	1.099925	116.2227205
1.860375	1.107895	79.43552463
1.88728	1.187805	6.14994507
1.900705	1.1922	77.56671584
1.91562	1.23352	70.9416265
1.92348	1.233035	14.10555117
1.924365	1.23578	4.870010037
1.925615	1.23801	36.41651756
1.65659	0.91307	27.66705093
1.27114	0	35.21203533
1.71517	0.9682	14.08969051
1.736225	0.990135	48.78201071
1.755	1.02072	14.76265818
1.795385	1.09178	26.92183714
1.775165	1.03631	23.88809981
1.25466	0	31.20531245
1.76449	1.07813	70.32003697
1.16053	0	56.68680443
1.573115	0.80173	8.401537089
1.626615	0.93963	12.99949214
1.184175	0	98.88144595
1.657095	0.985445	10.22114131
1.149775	0	95.06734665
1.55782	0.79461	9.781155527
1.66889	0.99969	43.89294737
1.68223	1.011155	55.00873765
1.67171	0.97549	3.109094925
1.69938	1.02558	50.60762343
1.70354	1.02829	63.37039442
1.70863	1.034265	26.3565363
1.717195	1.0415	12.58502783
1.745675	1.062615	13.57448622
1.250195	0	81.99522563
1.674605	0.99674	159.3954629
1.70169	1.01154	73.57409395
1.711225	1.018685	12.81912674
1.73884	1.06804	29.67504723
1.679285	0.964185	32.85556219

1.613775	0.81994	5.091973363
1.656265	0.932195	27.92396809
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1.196905	0	48.84273726
1.757555	1.083595	65.61901859
1.763605	1.08567	100.5737173
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1.78667	1.094475	31.46033368
1.292485	0	63.94103009
2.01845	1.304595	67.07540474
2.01325	1.306015	89.96249018
2.015875	1.308695	13.48953894
2.01596	1.310355	9.891056742
1.99188	1.27874	42.35430184
1.97491	1.275195	38.39689965
1.264635	0	70.95021013
1.860605	1.134215	103.5681082
1.85922	1.12954	61.23404296
1.85346	1.1058	8.984787769
1.8251	1.0922	73.62705063
1.69628	0.840705	54.91605844
1.67644	0.805945	136.5554851
1.63376	0.75603	39.50327158
1.534465	0.65197	19.89746076
1.845245	1.14583	6.602494669
1.843135	1.139515	72.99897037
1.77337	0.964315	68.56265888
1.73989	0.92616	53.27264899
1.71216	0.836665	11.33525721
1.205715	0	22.57428636
1.652015	0.82481	38.24501384
1.688355	0.89616	67.48830444
1.71265	0.939915	9.716333358
1.76475	1.02611	24.25188151
1.75066	1.01183	187.5153021
1.72025	0.90448	61.5917547
1.706735	0.871825	59.91595034
1.68286	0.825115	216.9154804
1.63853	0.757	62.36589542
1.362125	0.356335	11.91938475
1.346985	0.377145	135.3717454

1.612105	0.74939	32.3543685
1.693015	0.964015	2.473823155
1.66533	0.929075	14.71337871
1.213235	0	14.13752422
1.59358	0.80763	20.93136216
1.177385	0	24.73506961
1.29092	0	127.514814
1.786535	1.096875	3.441543932
1.749505	1.078615	25.15943861
1.716615	1.06111	32.0395476
1.694965	1.046345	20.94998608
1.67578	1.03158	29.04693461
1.61341	0.87362	4.144430253
1.596515	0.86661	30.20933277
1.608645	0.905775	29.05618754
1.582565	0.803495	18.51548239
1.16731	0	35.04360547
1.555195	0.79378	32.43273213
1.149565	0	22.04973228
1.577845	0.85972	3.846113057
1.148395	0	49.2107443
1.142865	0	44.42450769
1.94882	1.2539	27.77481503
1.883065	1.16042	13.27462454
1.938705	1.246855	51.53569722
1.941115	1.249065	82.52451901
1.76317	0.978515	7.594649012
1.710105	0.93838	32.66859312
1.67413	0.892085	33.17896761
1.9275	1.24047	37.49330718
1.92821	1.242275	3.831923711
1.90717	1.2323	44.51996533
1.904595	1.230795	121.430009
1.89885	1.227485	32.40123732
1.89661	1.225785	42.20181035
1.62009	0.815055	41.53272722
1.200255	0	31.89141789
1.29747	0	108.5413256
1.28418	0	36.6542911
1.2848	0	52.60445061
1.89929	1.232	8.723615521

1.90384	1.243425	174.0525236
1.73105	0.959355	35.12183776
1.696375	0.92876	117.1645372
1.65882	0.88593	27.04113586
1.619405	0.8135	65.41792449
1.20151	0	42.65405343
1.76586	1.051675	20.10595377
1.744015	1.041555	85.02563691
1.72946	1.03236	19.72947088
1.710375	1.015235	18.5275006
1.67284	0.989465	9.481035013
1.65227	0.965765	16.17443205
1.62829	0.93815	24.45799538
1.60941	0.9075	26.38961096
1.587595	0.865975	10.17029558
1.158295	0	37.1147235
1.146135	0	37.56472542
1.233475	0	68.22683932
1.645925	0.82327	101.6873485
1.69406	0.89762	31.56569616
1.71916	0.94223	41.47594555
1.26499	0	44.28429392
1.87123	1.2309	17.66040574
1.907705	1.25174	65.50412397
1.90712	1.249645	57.29043874
1.908435	1.24868	27.38851633
1.90183	1.22439	12.52445781
1.886375	1.222235	201.9279602
1.882045	1.219575	31.090583
1.8779	1.219765	79.23843082
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1.84353	1.221195	28.06021182
1.7742	1.092315	8.760570723
1.82519	1.18216	49.16239851
1.823405	1.17015	39.9845128
1.822045	1.16446	10.70066508
1.75418	1.08076	52.3854298
1.74848	1.078215	76.4155231
1.73402	1.071315	30.63291252
1.726685	1.077745	7.06573493

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1.67014	0.93181	33.67913635
1.634555	0.88419	17.84486603
1.586665	0.80517	28.63022089
1.17936	0	139.6040219
1.63058	0.82013	47.03154479
1.220455	0	33.18815383
1.80943	1.15878	44.49546072
1.79953	1.156785	75.73796419
1.781765	1.159045	15.01851887
1.785345	1.15289	35.52670693
1.511995	0.78719	75.69835292
1.70918	1.068965	121.3278842
1.15142	0	58.80571921
1.55406	0.790975	52.42730405
1.1354	0	56.30736832
1.545215	0.78981	12.4033093
1.586685	0.90012	31.33164878
1.58541	0.86415	14.99945414
1.634025	0.992605	4.573573292
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1.13153	0	74.23509954
1.19582	0	105.7883416
1.602865	0.81028	36.96484257
1.69989	1.06228	13.33155195
1.75634	1.147485	30.19356842
1.742675	1.14125	36.51906432
1.653105	0.966425	4.982137016
1.728175	1.116155	49.18440463
1.62544	0.93684	54.82470382
1.60369	0.904785	22.98684926
1.577865	0.86169	40.87123953
1.529875	0.784905	24.69734427
1.12821	0	26.71151709
1.727265	1.11847	86.60122895
1.731475	1.13063	93.37040986
1.729635	1.136185	34.08035098
1.694745	1.052415	78.58767369
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1.68612	1.04661	106.8466684

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1.631425	0.982205	27.62382773
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1.13971	0	44.243678
1.58466	0.90232	6.572559359
1.55978	0.853085	41.7861591
1.527755	0.77701	31.46311536
1.12437	0	22.77121953
1.688505	1.07936	18.67448574
1.68153	1.07191	36.99695633
1.67696	1.069365	80.75303263
1.67221	1.065595	53.73332917
1.67731	1.079205	104.8396904
1.68036	1.08584	52.64502201
1.66754	1.051515	81.60421928
1.67777	1.08477	37.93130041
1.5943	0.906385	16.99359044
1.5671	0.85697	24.14975574
1.535685	0.778975	49.53983628
1.1396	0	22.38681674
1.154225	0	31.24314396
1.63896	1.01296	11.77658097
1.558885	0.78956	11.89659298
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1.61246	0.97862	35.65167431
1.595015	0.953605	15.32254872
1.533165	0.77675	32.54318685
1.13172	0	100.9195168
1.127865	0	26.13363081
1.52296	0.77136	49.33018433
1.55103	0.84728	84.51793441
1.110645	0	72.99566597
1.508825	0.761795	114.8283922
1.539575	0.83308	77.90368416
1.56177	0.877845	24.78015608
1.57834	0.911135	49.87217976
1.59297	0.93497	45.18006895
1.13223	0	68.09497714

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1.7885	1.115665	14.03891423
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1.73964	1.065335	9.258353106
1.744225	1.079815	28.87531954
1.19373	0	109.8916469
1.726525	1.056645	50.79560062
1.63809	0.815485	70.95001785
1.16469	0	34.02903875
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1.60995	0.89829	0.518718778
1.642095	0.98102	11.30366318
1.662085	0.99766	65.83311502
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1.22502	0.201735	0.279046465
1.15356	0	43.68280918
1.22807	0	97.45957303
1.151685	0	60.76636133
1.55587	0.791185	75.04732829
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1.66586	1.02858	56.15593026
1.65253	1.01615	27.59606733
1.64119	1.003645	46.28982309
1.623655	0.988165	29.68719592
1.734015	1.10469	23.33934799
1.72665	1.09908	16.07457717
1.71706	1.091325	26.67287228
1.704015	1.08316	9.332321311
1.59312	0.80742	37.3821821
1.185375	0	64.22179055
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1.950815	1.242705	258.8435485
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1.24706	0	44.10734158
1.823755	1.17482	41.36889879
1.769025	1.065575	85.28897856
1.215525	0	58.62168434
1.649215	0.8222	27.58121361
1.719365	1.04211	13.10966377
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1.645075	0.981205	50.12451484
1.6347	0.972315	134.6281072
1.63815	0.9672	72.43470784
1.63239	0.95905	96.02096185
1.63233	0.9587	62.8532321
1.63582	0.95835	36.62175901
1.69634	1.00492	9.18668605
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1.65596	0.965405	48.09095054
1.633055	0.938395	41.44442979
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1.14158	0	42.51113568
1.28476	0	53.433974
1.69598	0.83433	23.99618162
1.26892	0	171.148112
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1.962895	1.24624	28.23427262
1.868675	1.142535	91.4887281
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1.972005	1.249965	86.49391894
1.26645	0	58.07609126
1.71224	0.842685	37.44103861

1.77444	1.011495	23.1267707
1.689615	0.90222	44.63793992
1.647265	0.82716	48.82153417
1.22777	0	29.11158039
1.142055	0	61.83458126
1.544275	0.7824	17.30360992
1.58114	0.86503	55.30667468
1.595975	0.902685	42.53317524
1.607465	0.926325	153.7216922
1.6145	0.943775	92.27431055
1.62578	0.964585	32.25196028
1.63516	0.978465	82.24491788
1.64182	0.99194	20.0924591
1.652205	1.006295	43.34668588
1.66438	1.01946	25.79375326
1.674865	1.030125	52.28731457
1.677015	1.035495	29.22611273
1.684245	1.045835	13.72435797
1.695635	1.057975	25.38030232
1.71451	1.07294	5.124066764
1.719795	1.088555	4.468124998
1.186235	0	38.68388032
1.74239	1.102165	32.85354598
1.754615	1.110475	39.87942873
1.75833	1.114515	30.09114732
1.77144	1.138845	9.043457096
1.767525	1.12078	60.40346902
1.175595	0	57.99391186
1.58412	0.80721	16.41314559
1.625455	0.884245	17.14684466
1.753985	1.10548	14.25620303
1.77969	1.143445	57.36000603
1.824465	1.20375	16.56085815
1.84506	1.212505	21.2412463
1.85776	1.216645	19.76780992
1.860135	1.223865	57.00414059
1.888665	1.231405	31.19511812
1.700815	0.94564	22.69078788
1.66057	0.896515	14.98535286
1.60625	0.81518	23.75980389
1.18647	0	52.01410429

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1.735435	1.09029	35.65419856
1.71062	1.077785	75.30203304
1.70574	1.07263	45.31347693
1.7014	1.06739	46.84684374
1.69323	1.06062	54.56611402
1.64797	0.947005	19.48074812
1.690505	1.058135	40.33498038
1.65667	0.986085	49.25616873
1.64809	0.9704	58.06043018
1.633885	0.94933	34.53345794
1.614055	0.91444	13.20819468
1.586695	0.867035	17.98187418
1.55151	0.791235	42.4067981
1.148075	0	26.15501716
1.63327	0.91739	56.7811722
1.611515	0.87765	76.42692361
1.5756	0.801755	10.49408835
1.15868	0	14.35549488
1.88494	1.190935	223.652283
1.94565	1.24383	40.43297732
1.877315	1.14691	8.729739049
1.89244	1.139535	35.63561612
1.88927	1.133445	14.60030039
1.89723	1.11473	3.695816654
1.926145	1.163375	65.75752712
1.93045	1.150815	71.10293995
1.940295	1.130095	56.60230172
1.930625	1.156865	75.15513783
1.958175	1.12795	74.8548161
1.94568	1.127885	71.95420762
1.77601	1.022175	12.32319961
1.737995	0.998805	61.56702272
1.72124	0.97683	12.04192859
1.66471	0.829705	42.3539648
1.6212	0.81946	12.39115096
1.19687	0	49.01985894
1.242385	0	58.41923045
1.88483	1.16021	102.1061428
1.934895	1.21617	32.03764837
1.887065	1.155075	34.6095731

1.84959	1.08155	1.681735619
1.903535	1.20224	49.62175889
1.906715	1.211595	37.16493091
1.733375	0.910685	12.33807092
1.768505	1.00406	51.13642762
1.69174	0.830225	42.71786004
1.261995	0	126.1225015
1.683	0.83315	45.50911168
1.249075	0	20.15128062
1.871245	1.15811	67.27780016
1.867805	1.14965	1.610611195
1.84432	1.155515	99.5367016
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1.821475	1.138555	16.45215609
1.834445	1.1551	23.12407563
1.253455	0	78.23331056
1.667495	0.827635	67.65136999
1.707575	0.907455	43.58568016
1.7962	1.02723	39.80456957
1.80871	1.068345	10.65691883
1.56486	0.733895	0.854514465
1.728595	0.94956	17.89655111
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2.1158	1.327925	381.4904688
2.099155	1.27501	46.28677293
1.959535	1.21592	72.75966263
2.03459	1.281385	51.35029362
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1.71853	0.99625	67.14710346
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1.68571	0.89597	0.297351778
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1.844795	1.09142	44.55105354
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1.797615	1.05861	28.27466466
1.777585	1.04623	135.088661
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1.31394	0.243705	0.236508688
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1.63186	0.996105	36.36944224
1.62194	0.979145	14.08556708
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1.78458	1.08492	59.41927556
1.79326	1.110275	25.61448981
1.53198	0.66626	0.92977701
1.807895	1.1154	1.169760048
1.820005	1.15016	37.16213256
1.825855	1.157645	37.33710173
1.83024	1.168405	8.910079019
1.853365	1.176615	43.54711781
1.71726	0.997505	2.241032479
1.80919	0.9893	1.970406366
1.829695	1.09994	34.21436402
1.85918	1.111895	23.70816805
1.66454	0.951515	51.72741629
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1.622765	0.87859	9.230579798
1.576025	0.80197	53.64467245
1.166935	0	29.40306111
1.712105	0.94486	17.89339007
1.72608	0.978185	0.646465623
1.68287	0.899795	14.42538628
1.632125	0.821725	24.37785063
1.20638	0	30.64579659
1.23961	0	24.15086574
1.652345	0.828155	33.08964103
1.22778	0	40.6935528
1.682185	0.897795	33.16910512
1.63434	0.821565	44.00907447
1.215495	0	37.60085542
1.365825	0	44.04529354
1.87164	1.12679	127.5898588
1.881085	1.152815	97.98689085
1.87962	1.157075	52.46565073
1.859605	1.128985	2.86010334
1.71735	0.905115	87.93636546

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1.52473	0.522845	0.932680681
1.94835	1.15227	1.037593958
1.946805	1.16475	114.7049367
1.345475	0	58.64325656
1.754805	0.841065	0.864818438
1.956365	1.196695	22.5808459
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1.17717	0	40.01761264
1.20816	0	27.97835238
1.653155	0.881465	125.4445519
1.674625	0.919615	41.21837401
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1.75648	0.999505	13.72698633
1.83058	1.067245	90.25069409
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2.0924	1.31189	211.820598
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1.71126	0.83576	52.84796947
1.272205	0	41.29928889
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1.747275	0.842985	26.49166198
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1.89132	1.126665	16.2524457
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1.872035	1.108065	76.20936136
1.86822	1.091635	4.768278945
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1.791945	0.98429	38.7359973
1.75322	0.906635	55.38237731
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1.676585	0.82623	77.2784309
1.776885	0.92572	75.74290391
1.776635	0.92167	22.62218857
1.816395	0.95438	39.25030868
1.617945	0.72198	7.156337937
1.79798	0.85082	26.85319529
1.62152	0.712675	18.38196254
1.795945	0.87871	29.12049768
1.811705	0.921055	69.84870557
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1.880755	1.099045	52.75801732
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1.192175	0	57.82871043
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1.87425	1.01304	1.594443429
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1.90449	1.1112	59.46137484
1.9328	1.174065	27.84726662
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1.93965	1.156665	1.210446483
1.264625	0	90.18531554
1.69026	0.82791	20.52161147
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1.71015	1.014805	47.19553675
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1.94639	1.154075	93.30121708
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1.91454	0.86365	36.46482118
1.8804	0.984395	31.91142194
1.774355	0.916295	38.3475423
1.88452	0.99988	105.238325
1.89464	1.096635	96.9646802
1.89451	1.09079	0.638802442
1.87201	1.07509	20.05374104
1.77502	0.978755	16.93528656
1.50057	0.5378	0.931631628
1.84323	1.062895	35.28985694
1.81575	1.041595	22.72601694
1.78968	1.017615	56.15848807
1.767445	0.99293	36.15217893
1.731225	0.957205	31.10071688
1.69646	0.90543	20.33983625
1.64698	0.822065	33.22750572
1.220725	0	27.00553276
1.23321	0	60.02376603
1.643055	0.81573	87.90294783
1.749425	0.83481	28.88223252
1.965095	1.11784	188.29123
1.899615	1.09421	194.5497553

1.843735	1.053885	292.1487862
1.298435	0	131.7261311
1.699275	0.825565	98.65103938
1.75867	0.911515	15.94605527
2.05822	1.197225	325.1667542
1.81599	0.98126	40.80230776
1.838695	1.047675	76.68453855
1.7127	0.9571	124.6177762
1.650465	0.787665	13.56545749
1.809345	1.015725	32.36883271
1.83892	1.0706	10.7784773
1.7563	0.95789	17.50202997
1.78218	1.00516	100.1014226
1.714145	0.814095	28.18077494
1.705875	0.857765	119.0720592
1.665535	0.799715	46.55679415
1.647235	0.783795	72.72441369
1.852655	1.054205	113.3293209
1.842005	1.055015	44.44547412
1.847085	1.06206	48.80155208
1.25746	0	79.29103497
1.705995	0.83485	8.789375738
1.98599	1.14021	40.44378607
1.97655	1.21135	66.96506265
1.969555	1.20306	74.8174058
1.960005	1.204435	36.88722744
1.94579	1.19623	191.2852973
1.878405	1.050975	10.00818018
1.666495	0.67285	11.56880565
1.26868	0	101.8678636
1.87595	1.082505	170.8217327
1.77434	1.042515	95.69898577
1.813315	1.05443	90.73476516
1.77516	1.04874	190.7001493
1.24994	0	50.30681851
1.62123	0.83671	37.68386182
1.596585	0.81481	66.6343972
1.67703	0.885065	73.1448297
1.722245	0.929075	17.93660881
1.8796	1.11513	72.32710587
1.875625	1.08601	29.86430145

1.73892	0.84677	117.3023486
1.29782	0	38.87639098
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1.89759	1.13384	90.6824442
1.86829	1.132815	174.8285585
1.86032	1.12342	156.3889044
1.907495	1.14963	15.39167164
1.31979	0	104.7610503
1.825425	1.0971	118.8132049
1.873585	1.13346	49.21623833
1.87293	1.11711	53.31666233
1.77827	1.07073	176.0336601
1.888955	1.18237	60.44363574
1.88635	1.194525	15.16915456
1.885785	1.192625	64.90971557
1.920665	0.97499	251.3866567
1.90775	0.992025	254.0445246
1.95196	1.171495	96.45396057
1.968275	1.18225	197.2734682
1.91181	1.01292	90.24982882
1.96192	1.19915	118.3774443
1.953055	1.195785	139.5293966
1.94946	1.17575	43.92056632
1.95622	1.202805	119.9037265
1.886255	1.09348	0.293404584
2.03054	1.28876	18.27563217
1.96389	1.21212	26.72544928
1.98586	1.238395	1.480101108
1.987745	1.26375	147.999029
2.09689	1.2908	541.3574509
1.965045	1.1325	9.127108592
1.961905	1.136675	13.5918219
1.977935	1.07542	9.745680724
1.7526	0.872715	11.84578528
1.99562	1.091035	340.9910293
2.08303	1.11331	395.1922711
1.827155	0.916785	414.0433506
1.887405	1.072895	19.71614892
1.74527	0.8935	7.572364524
1.7888	0.95308	314.3907215
1.800255	0.913005	12.49005668

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1.927285	1.177615	9.781327827
1.75102	1.01398	4.423921304
1.783675	1.05387	25.08322666
1.30298	0	74.39654554
1.76645	1.0321	42.7828351
1.712655	0.97098	34.68768137
1.761755	0.994595	66.23217054
1.82915	1.02833	59.74455004
2.004775	1.22665	106.3863553
2.01256	1.230995	23.61080833
2.009065	1.22008	18.30263729
2.02962	1.224845	82.32175165
2.04278	1.22514	10.56706865
2.040915	1.226565	16.77816699
2.03801	1.22759	46.86487115
1.78206	0.98114	28.05559862
1.30536	0	40.45655952
1.70878	0.89837	27.3020159
1.261865	0	160.8662848
1.231435	0	121.4376393
1.799085	0.852005	47.91138818
1.376475	0	76.53858556
1.369765	0	84.11440585
1.85263	1.03563	93.39194946
1.816485	0.953055	6.58614173
1.333315	0	90.00809644
1.798105	0.93461	4.387543806
1.78685	0.85097	10.15942889
1.34963	0	72.63194726
1.866035	0.993595	117.3710814
1.84961	0.990895	49.97093882
1.83009	0.996275	21.26704448
1.87071	0.99731	73.782687
1.884305	1.003375	85.0996216
1.885815	1.007365	28.02148797
1.83572	0.933725	3.346263397
1.86632	1.022045	12.93117517
1.87306	1.03332	14.54438859

1.89321	1.0444	68.65385967
1.920665	1.05737	13.12423528
1.922895	1.06349	16.45090804
1.974455	1.080285	57.94134124
1.907405	0.952265	17.75656559
1.65683	0.70957	24.02755387
1.81585	0.84578	40.51379094
1.85267	0.892745	48.44501647
1.869665	0.933295	113.6506872
1.84682	0.89943	5.878771518
1.498205	0.37199	42.76248109
1.719185	0.843805	29.84806235
1.292415	0	52.87075307
1.77736	0.748615	87.59251543
1.84054	0.852325	21.71912162
1.82176	0.87363	0.344251071
1.850775	0.947885	0.541998837
1.38375	0	69.58075731
1.833815	0.858785	42.03546753
1.45883	0.27624	0.619212936
1.75198	0.755515	0.230505749
1.89405	0.933795	0.520821525
1.92759	1.01436	0.499069895
1.957465	1.0804	31.40670967
1.965185	1.098995	0.375750356
1.9682	1.112435	22.54141564
1.963685	1.07381	0.206806431
1.942675	1.03838	0.328804639
1.8292	0.865595	58.82351278
1.81175	0.797955	5.875964073
1.86654	0.947215	130.1774565
1.868415	0.944535	90.47882658
1.67795	0.658525	0.409161606
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1.833985	0.92183	135.3370812
1.77009	0.846995	45.33550974
1.44689	0	37.2989392
1.87985	0.92321	30.48690062
1.91674	0.97669	19.20436257
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1.863675	0.87537	53.21407295

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1.87108	0.96522	34.5834602
1.883735	0.986385	7.251500115
1.882805	0.917305	6.425253963
1.939445	1.05878	80.83696036
1.7105	0.731995	31.0884921
2.03787	1.089115	45.39532855
2.035645	1.107205	27.56598261
2.058585	1.167895	5.741996407
2.064215	1.17191	43.09444649
2.066875	1.18607	18.86305049
2.05535	1.14569	0.317557837
1.746025	0.52585	1.809801094
1.86481	0.94652	48.87487426
1.94886	0.9734	35.466349
2.013085	1.043845	11.49840587
1.49278	0	57.77157655
1.828	0.75677	5.343113888
1.34873	0	33.89317174
1.86038	0.927475	17.86422058
1.78892	0.85125	43.39305462
1.34179	0	13.80946813
1.70399	0.76907	90.31310953
1.70332	0.752715	53.95390876
1.758755	0.820745	27.06122327
1.675615	0.678325	2.853773824
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1.92627	1.016075	50.09826655
1.954135	0.98788	9.869228457
1.972005	1.07811	125.7172274
1.74019	0.76791	5.501118143
1.816755	0.92616	26.10179243
1.73165	0.842435	42.13748919
1.29626	0	34.14744483
1.820885	0.845345	84.68192541
1.90239	0.898645	9.66998812
1.96769	1.042235	25.34491081
1.98218	1.08289	7.371669692
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2.03814	1.13134	34.0967193

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1.33686	0	31.91870778
1.864235	0.96696	10.97091281
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1.72986	0.84224	21.94872959
1.296375	0	42.07292245
1.804245	0.797325	63.09199511
1.54407	0.43671	41.23537189
1.846535	0.856105	124.4889996
1.83633	0.883595	45.3199527
1.79541	0.811855	37.10958932
1.409145	0	96.10631784
2.03703	0.73471	7.792723567
2.227765	1.18354	123.0244092
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1.98195	1.02944	9.822152261
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1.980355	1.012015	0.314832526
1.502725	0.30299	0.533192169
1.87339	0.954195	61.98923492
1.860845	0.92561	0.533491864
1.831265	0.855655	59.57615593
1.366565	0	67.25192045
1.83816	0.909315	94.19575275
1.746805	0.83316	126.1451529
1.275955	0	120.6737134
2.15806	1.104595	8.242892411
2.191655	1.21115	60.68664343
2.25845	1.309915	31.12395149
2.250765	1.309175	14.85320734
2.252155	1.31184	14.96455026
2.245945	1.318455	20.83644155
2.126945	1.134435	36.58664345
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2.154345	1.281995	99.82580341
2.143175	1.23814	59.71751741
2.15888	1.25265	53.67704287
2.153035	1.24921	94.10441817
2.078345	1.139895	69.51768917

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2.13043	1.22973	20.62552796
1.904785	0.968655	24.13921408
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1.680695	0.705675	43.97694312
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1.738585	0.84287	46.27164157
1.70538	0.734565	69.30114509
1.778265	0.8703	37.58135747
1.797115	0.894715	36.8473564
2.05745	1.20237	80.52779442
2.03771	1.170035	39.05024482
2.02772	1.16315	41.26257666
2.0246	1.148155	108.1734594
2.022935	1.15075	63.20393851
1.994495	1.142885	49.16998998
1.95785	1.12731	63.32347179
1.950595	1.12213	52.7643391
1.948115	1.11998	18.69666636
1.333135	0	89.16102791
1.780375	0.734685	163.1247581
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1.95195	1.07222	96.37899542
1.9434	1.06163	102.861283
1.91712	0.97263	58.22648267
1.919045	1.059	22.97647924
1.93417	1.06988	69.02732013
1.94692	1.07633	30.67452354
1.97997	1.12629	167.6245826
1.971755	1.13557	40.40238017
1.91667	1.1217	224.7454972
1.8828	1.07638	4.882939742
1.935975	1.123825	9.196507833
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2.1301	1.28268	101.4344083
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2.04717	1.1285	92.61438505
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1.873005	0.97224	0.387148783
1.876665	0.96867	93.27646855
1.883905	0.96718	26.32680778
1.87303	0.96988	46.81985169
1.84663	0.963495	33.9807502
1.86096	0.977855	28.03534623
1.877305	1.000945	42.85320781
1.88425	1.02362	97.24090026
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1.780935	0.82999	71.71683793
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1.33176	0	37.25326552
1.364775	0	85.44970618
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1.82073	0.9352	80.64143591
1.807045	0.91905	71.46437928
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1.80842	0.874345	24.89316794
1.878985	0.93542	56.09386166
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1.79652	0.879235	25.26569579
1.796995	0.9004	52.89925246
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1.83775	0.971405	56.90312856
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1.767255	0.85858	42.49360424
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1.95504	1.06614	0.305340286
1.950885	1.05858	79.01436199
1.918095	1.036005	10.83785544
1.911945	1.036405	36.8395397
1.76935	0.82237	166.9150484
1.61551	0.586865	41.35331369
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1.98724	1.13189	26.41119353
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1.438605	0.06962	1.629398675
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1.982005	1.11708	18.73007064
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2.00177	1.13663	17.88528907
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1.95321	1.089445	93.16460938
1.32175	0	48.76461943
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1.78495	0.806795	34.80273903
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1.36655	0.08302	20.0233132
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1.81382	0.79641	36.94652576
1.93186	0.990115	106.0008923
1.90583	0.975895	61.91628687
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1.81362	0.85161	37.10504406
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1.899755	0.9659	36.10533046
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1.95616	1.106365	39.01874743
1.96334	1.100835	173.1307143
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1.742085	0.75949	28.87064389
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1.75325	0.851205	25.57304399
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1.830755	0.929245	59.16611259
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1.82093	0.906325	74.18020612
1.7933	0.875695	71.54950642
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1.72895	0.871945	16.51776075
1.301655	0	13.25256808
1.767105	0.91451	15.96964885
2.12116	1.281115	47.09712612
2.12046	1.28432	84.75624704
2.08098	1.184185	5.102202858
1.8633	0.81206	10.24570569
1.773435	0.694145	2.20169623
2.063775	1.174995	13.75321444
2.069315	1.21382	103.2113115
2.052995	1.20853	41.63109353
2.018865	1.165915	195.8254261
1.99232	1.15663	95.66771619
1.91971	1.10535	25.08045599
1.9382	1.122255	133.4309678
1.957125	1.101665	58.80466703
1.908335	1.100085	67.77946839
1.94763	1.118885	57.22163748
1.894645	1.09035	19.02516923

1.88634	1.11926	111.8159112
1.88768	1.12137	175.8291561
1.720015	0.834175	40.55505111
1.26368	0	155.7911279
1.327565	0	84.67334815
1.309385	0	70.54949278
1.627075	0.728985	0.493143245
1.74351	0.841565	25.4927696
1.864405	1.008535	90.14048609
1.82092	0.98785	32.49894662
1.798855	0.921805	0.268618987
1.78318	0.962815	35.1970974
1.740875	0.884225	5.239088058
1.661755	0.81304	21.68335023
1.645185	0.794555	115.537719
1.683535	0.83571	32.30416791
1.70767	0.853305	38.33888743
1.721175	0.826495	0.394282159
1.809405	0.982375	86.94454638
1.834465	0.99822	70.27234469
1.877385	1.04273	86.62589719
1.81584	0.998695	12.42564704
1.829925	1.02375	38.52827683
1.74759	0.917585	136.5370415
1.784565	0.97467	37.87319718
1.69908	0.85116	47.46884277
1.2581	0	27.9160193
1.66889	0.77242	25.39573434
1.48356	0.53906	44.0800732
1.542045	0.62077	25.173046
1.66307	0.783725	23.57691263
1.704695	0.844665	42.5343493
1.74075	0.88744	27.16764566
1.78448	0.921495	24.02641518
1.89272	1.08827	48.28170381
1.87995	1.07323	12.15452438
1.36322	0	84.33969761
1.87089	1.071245	185.8934402
1.861455	1.06864	36.72262476
1.875955	1.07633	35.92186777
1.98561	1.228995	53.3738366

1.967985	1.226765	31.6990564
1.964975	1.223915	19.10032297
1.907445	1.10638	2.214090043
1.90931	1.128445	19.87098307
1.815875	0.993775	44.58000101
1.87922	1.125285	120.210833
1.846465	1.09498	52.12278856
1.82967	1.085445	121.0799757
1.82074	1.080345	65.48494444
1.32783	0	65.71192783
1.79513	0.974805	82.78919295
1.75983	0.930745	40.58835643
1.721525	0.875455	63.99283547
1.27844	0	115.3855107
1.688575	0.846885	50.25550674
1.611285	0.67224	93.25343212
1.68724	0.849135	61.67348473
1.51939	0.530635	68.31661957
1.693785	0.74467	137.2442985
1.77133	0.833105	58.43999097
2.11312	1.29928	83.0421831
2.118945	1.298385	32.70470154
2.088425	1.271565	341.3775419
2.082325	1.28448	19.65188448
2.07529	1.2498	133.1881178
2.076665	1.245115	249.6284193
2.05285	1.23734	18.56505664
1.844285	1.045825	32.8654847
1.83903	1.01253	101.1073794
1.807945	0.995715	83.82217275
1.742285	0.876885	0.755903123
1.586985	0.700525	1.055296532
1.701465	0.86864	96.16219842
1.668585	0.846615	98.08030617
1.67057	0.8397	52.72264739
2.052135	1.23491	69.77776142
2.064365	1.239155	75.35332318
2.0632	1.23418	121.388277
2.075935	1.255515	89.2149352
2.08162	1.263	155.2213104
2.08393	1.257705	126.5643559

2.08196	1.248585	18.96809174
2.08307	1.232255	19.60901863
2.024	1.21032	112.8185428
2.050305	1.21962	47.52772057
2.06917	1.209025	8.182281884
2.03656	1.22752	59.54482358
2.031615	1.19316	99.55542769
2.053325	1.19366	44.50182743
2.042425	1.19493	250.6403138
2.046485	1.19741	124.5327646
1.891785	0.98569	5.942075066
1.935615	1.11331	101.5846495
2.11591	1.19678	2.047286842
2.14219	1.25605	26.72790334
2.147445	1.266195	308.9455215
2.123015	1.26388	18.17708778
2.11347	1.26477	142.9319483
2.124895	1.26898	52.77188605
2.02696	1.131525	27.74315533
2.029845	1.14077	239.9240918
2.15182	1.274055	76.37491786
2.05893	1.18336	1.898426952
2.08096	1.1945	109.4100799
2.072535	1.18845	58.26549208
2.102105	1.19564	190.3824511
2.10491	1.193655	2.25289693
2.028935	1.13147	4.050807994
2.14625	1.25591	53.96771446
1.9172	1.02825	2.270883388
1.821375	0.916325	94.15496833
1.77602	0.847145	49.98981546
1.34928	0	89.15471828
1.901415	1.00018	115.6793295
1.857365	0.95277	4.791628203
1.871875	0.97607	1.696944505
1.86388	0.97785	68.47249664
1.82048	0.921835	17.55699667
1.29944	0	14.29933654
1.780595	0.8836	29.03366262
1.68279	0.792865	31.42468846
1.83928	0.95969	51.30924742

1.8224	0.946235	70.67924546
1.81808	0.937185	14.878263
1.79021	0.85128	17.02660527
1.344905	0	84.15803192
1.840755	0.938245	82.8431627
1.65008	0.503805	1.363111136
1.92702	1.01782	26.97433028
1.94143	1.049995	37.61619845
1.938815	1.04696	37.05806189
1.659745	0.58846	73.98087423
1.390895	0	86.93452557
1.768495	0.707	12.11344127
1.818335	0.85801	20.34847843
1.570205	0.38684	29.49720097
1.80976	0.73636	25.90929112
1.82457	0.80961	11.45273769
1.91846	1.03614	63.12941976
1.931165	1.035905	75.37908998
1.818875	0.89156	1.975634318
1.92566	1.02995	100.9927453
1.891895	0.968325	1.803460178
1.90014	0.99652	138.567701
1.910625	1.02829	29.18179207
1.72009	0.640095	56.84722362
1.807995	0.893645	23.81116587
1.707505	0.767555	0.549463165
1.433765	0.087135	109.3106991
1.75467	0.752205	6.235253183
1.802865	0.87542	49.3966955
1.69324	0.719135	103.9728255
1.52783	0.468045	27.60732475
1.778825	0.909375	34.60315611
1.745935	0.88345	77.72562158
1.704865	0.84046	81.28304921
1.767795	0.842425	12.6836845
1.716315	0.844675	50.24776383
1.330005	0	87.62672547
1.81284	0.933295	56.18699721
1.596325	0.645415	4.749965377
1.85528	0.966305	70.13050967
1.87223	1.05031	42.7217445

1.875495	1.058415	3.1643425
1.85723	1.04267	64.80468758
1.833305	0.99487	56.06211746
1.85471	1.038535	80.52026466
1.845115	1.00051	137.5375728
1.711265	0.881785	0.849802859
1.68963	0.8291	16.63956583
1.256405	0	72.93998669
1.243515	0	81.03793432
1.667795	0.823665	60.02868544
1.71077	0.897485	11.82896417
1.810835	1.07583	42.72044893
1.79601	1.05676	83.82577325
1.79007	1.046575	94.52562753
1.79088	1.05217	44.26214746
1.796275	1.04953	23.50490652
1.74817	1.000535	48.19133012
1.71023	0.976975	71.0834412
1.669415	0.890895	28.84686273
1.692165	0.954425	9.545515857
1.63445	0.81754	17.71806503
1.213835	0	52.20298069
1.521485	0.699335	41.28268084
1.521885	0.70791	22.29177171
1.600745	0.792975	76.22826419
1.70977	0.94845	17.70004449
1.73131	0.97761	80.17364671
1.65179	0.893985	102.6571735
1.628365	0.87235	38.63344042
1.617045	0.862845	61.11852377
1.6432	0.888275	17.73566825
1.68305	0.91969	69.54910338
1.705745	0.93939	42.18892307
1.733735	0.96102	17.30706047
1.78423	0.985505	23.75364602
1.9209	1.17524	1.418475139
1.920635	1.18938	95.88969419
1.817475	1.00567	20.05036547
1.87464	1.166365	63.30110625
1.872775	1.167125	56.43970428
1.855375	1.165105	33.2339796

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1.78314	1.04876	1.051298102
1.53333	0.71598	0.731683264
1.765065	1.049025	87.11897949
1.745555	1.04318	60.93697946
1.690045	0.842275	2.992147246
1.72632	1.03342	56.52487795
1.618815	0.73155	166.3157924
1.48935	0.553155	3.69180206
1.67566	0.80295	68.24053153
1.779595	0.9353	150.800507
1.726485	0.923345	1.445903468
1.638685	0.768975	8.385674433
1.800805	0.944835	28.68345402
1.894845	1.050595	30.15396374
1.848805	0.937065	4.86788695
1.812795	0.973815	7.719414264
1.82551	0.995645	62.5881189
1.78778	0.980795	50.89135323
1.206235	0	184.830095
1.62486	0.81134	72.57411108
1.88988	1.188595	52.25147422
1.870625	1.18382	58.29661726
1.857545	1.13692	15.31709223
1.912365	1.18082	84.07276953
1.903095	1.188045	75.39295617
1.895535	1.18695	45.86411137
1.914945	1.17593	127.9242344
1.932915	1.19551	45.63576207
1.92424	1.185595	80.64152167
1.926725	1.17332	101.4717713
1.974415	1.214825	92.74377193
1.972305	1.200705	84.26110756
1.777675	1.030545	10.53132418
1.740545	0.93907	22.90119301
1.7037	0.8938	76.65726212
1.66948	0.822845	23.01118373
1.2468	0	48.38764297
1.6776	0.8871	47.08016399
1.63716	0.814985	29.77379966
1.21649	0	61.85852438

1.67842	0.831505	22.69298898
1.62982	0.750125	39.97337643
1.443525	0.463245	93.45156992
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1.764415	1.077915	21.0022166
1.754775	1.04495	4.093309366
1.712075	1.017025	37.72479518
1.666305	0.9575	59.71297119
1.68754	1.00142	93.48034095
1.187155	0	94.18126587
1.652785	0.937675	78.07678031
1.63927	0.91124	20.70108412
1.615165	0.86702	67.00453459
1.828945	1.1281	145.7065605
1.8086	1.124135	104.7738294
1.80387	1.12776	57.98879666
1.803405	1.13202	60.51296011
1.80298	1.13842	79.5487023
1.82148	1.153155	72.94424183
1.5834	0.79394	75.30407462
1.174135	0	40.0529054
1.68627	1.008945	110.7576818
1.828845	1.162275	198.0625926
1.669495	0.99523	75.47615435
1.649445	0.976985	30.66680711
1.633745	0.95935	137.7431483
1.619415	0.941695	117.4035637
1.61479	0.93733	24.97012415
1.614485	0.80335	48.9146386
1.20987	0	157.4214918
1.25641	0	67.90244769
1.52946	0.63411	3.612059819
1.18752	0	85.86935613
1.59227	0.79401	54.69536919
1.626475	0.875795	58.5143043
1.643835	0.91815	71.11087828
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1.689315	0.98111	26.81140346
1.259855	0	100.2669682
1.668325	0.8626	9.905147886
1.71144	0.948055	10.06433531

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1.749195	1.091005	92.21115589
1.313555	0.29044	1.47111021
1.68253	0.91748	192.0669027
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1.635415	0.799695	141.480688
1.23055	0	280.612174
1.74834	1.09097	19.61541476
1.74541	1.07606	26.54830848
1.73563	1.069505	55.09756041
1.73093	1.068375	73.1754225
1.71823	1.06164	51.64784246
1.719485	1.059805	33.80173608
1.71313	1.05617	94.88330961
1.71521	1.057315	47.6714865
1.626065	0.844445	3.095685804
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1.27655	0.29004	4.890552627
1.19481	0	62.06581802
1.64931	0.95709	36.3886367
1.65237	0.97371	4.908210427
1.637465	0.92779	22.32331142
1.61723	0.88095	47.82332661
1.57491	0.79345	23.79413778
1.156115	0	83.87743703
1.188285	0	79.18924754
1.623115	0.81236	19.52838727
1.6594	0.9658	2.707396766
1.66674	0.97562	23.95616994
1.664975	0.976805	28.57166132
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1.724225	1.028975	57.48195438
1.74086	1.042925	26.56351834
1.77054	1.07013	30.25623341
1.803175	1.08514	0.648452449
1.79698	1.084665	68.39499353
1.787605	1.0594	1.313484961
1.77264	1.064295	237.1038404
1.437815	0.507985	0.884204055
1.68373	0.857015	0.857509657
1.257425	0	54.31972424

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1.772135	1.069725	74.55068261
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1.754155	1.04483	8.939985164
1.766305	1.06956	120.9577917
1.265705	0	61.1194864
1.66961	0.811185	9.517760445
1.44676	0.527675	1.531912511
1.717115	1.026955	14.9015633
1.69734	1.015445	52.92851072
1.68484	1.00351	92.50042646
1.668935	0.990915	17.77696529
1.161075	0	72.90261901
1.570255	0.79561	32.31005787
1.60217	0.864725	74.81078844
1.634335	0.907875	26.67280371
1.670175	0.9429	42.33157123
1.68419	0.964765	18.95686739
1.709245	0.989245	16.78525417
1.69351	0.881815	122.7006449
1.75047	1.02838	80.93554694
1.735785	1.018365	37.07260951
1.72165	0.99691	29.08509711
1.74551	1.020155	28.25624445
1.71841	0.900645	58.83919693
1.69501	0.881775	11.86222671
1.661405	0.846375	38.01976978
1.63312	0.78835	5.99941548
1.67474	0.87866	64.89415506
1.379685	0.376225	5.088839342
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1.27782	0	111.2246024
1.710385	0.83353	40.67476834
1.89143	1.12432	54.39800827
1.88124	1.110515	9.135605124
1.73108	0.84147	18.6082175
1.840005	1.093745	22.42723635
1.84852	1.10151	65.20392301
1.26812	0	48.99676133
1.79759	1.06551	21.03296323
1.76871	0.99174	8.682272571

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1.26787	0	49.13392535
1.728855	0.964045	52.48716165
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1.634375	0.8641	63.48075083
1.606265	0.80314	102.45021
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1.90327	1.09011	30.06618036
1.175475	0	40.6574123
1.60277	0.80231	32.59334929
1.186135	0	92.55787198
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1.31091	0.27235	0.023026941
1.691825	0.93047	0.098234107
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1.67498	0.88023	0.100779461
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1.252205	0	78.9458812
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1.787065	0.974385	59.57520427
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1.70424	0.8416	25.98855206
1.62359	0.66021	77.66082546
1.249185	0	47.66313077
1.87364	1.1123	12.99460773
1.878485	1.10429	52.63795948
1.88328	1.10497	104.4683626
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1.74548	0.911555	35.36285878
1.25204	0	38.85104591
1.26105	0	43.60300089
1.201655	0	29.48826158
1.6404	0.82471	25.832966
1.69774	0.900205	17.46346539
1.6413	0.722135	52.04968613
1.53608	0.61646	62.37840986
1.657115	0.76801	50.66961955
1.685385	0.85896	48.15924859
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1.61859	0.55999	2.038099008
1.880265	1.142985	26.66221812
1.87714	1.128845	11.43981204
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1.87145	1.102435	175.3645463
1.884965	1.099075	79.62259886
1.889425	1.09961	124.5385531
1.8697	1.07334	28.95016376
1.726315	0.78012	26.52623835
1.748915	0.88154	33.05597509
1.27433	0	159.9289805
1.65281	0.703785	4.263135683
1.87861	1.07834	43.22085997
1.77741	0.95475	26.57621211
1.789575	0.970335	2.534234497
1.747925	0.939295	87.93963982
1.758675	0.950345	32.75422521
1.775525	0.96701	31.59147767

1.81377	1.01122	31.68862703
1.82338	1.029985	48.93057766
1.82287	1.03346	43.22908756
1.849115	1.01928	25.29254936
1.865325	1.076925	62.99724847
1.841695	1.063375	25.23123532
1.926835	1.144905	10.46032679
1.89979	1.10812	15.10064219
1.78571	0.92698	12.4552108
1.27088	0	51.03821024
1.69994	0.86747	57.72615298
1.739745	0.92248	37.46843166
1.74903	0.93809	71.07105377
1.585655	0.70641	41.84548444
1.731895	0.925215	31.51343703
1.443985	0.490885	31.06316393
1.42306	0.357435	32.14334768
1.65814	0.835105	5.732982589
1.24489	0	48.22732404
1.475385	0.411965	31.18194584
1.77249	1.00293	6.101282279
1.91068	1.15984	3.771898044
1.88977	1.09331	117.641244
1.883585	1.093225	175.7955219
1.88287	1.086835	85.42863164
1.8694	1.07364	38.74473387
1.86808	1.067795	92.7686385
1.887955	1.066435	41.43205215
1.834385	0.85659	29.26942768
1.352235	0	84.39247027
1.28498	0	189.7857942
1.73123	0.83288	21.38704818
1.65235	0.920095	91.0286586
1.632155	0.89789	86.21944611
1.610475	0.86508	94.47278997
1.56909	0.792285	41.10067298
1.153795	0	66.39147504
1.850405	0.9936	7.127338314
1.892	1.0647	33.51717538
1.84081	0.99305	72.17236541
1.96079	1.16292	361.100049

1.949235	1.125275	11.62476067
1.841225	1.004285	129.4930633
1.801815	0.98448	28.85864135
1.779595	0.96214	52.42403828
1.769005	0.951405	24.74070835
1.805855	0.99666	25.41783938
1.81056	1.000515	3.509391864
1.807295	0.99764	38.12917565
1.763125	0.941015	7.388795221
1.75095	0.939485	51.90373375
1.737575	0.9225	3.226813581
1.319575	0	4.386930354
1.767945	0.955285	57.86331594
1.79423	0.97006	21.77039488
1.36368	0.10467	2.672644727
1.672545	0.76346	52.50194835
1.695925	0.794435	70.55986298
1.64221	0.753125	0.744970691
1.711505	0.834455	26.45838354
1.27624	0	82.19553099
1.27433	0	44.13493259
1.7574	0.9731	50.59368416
1.23595	0	30.2788113
1.645605	0.82303	12.9775931
1.221815	0	41.61130262
1.72551	0.940975	10.20292358
1.774595	0.96566	150.7742197
1.741095	0.94824	50.77341956
1.683355	0.91437	6.146524883
1.66608	0.87254	33.97530731
1.638785	0.83083	46.94691409
1.60375	0.781085	59.58380904
1.571235	0.740515	26.40002431
1.454585	0.620705	29.6874406
1.48225	0.661555	108.2516789
1.607865	0.80152	42.97636433
1.645755	0.8578	28.65951591
1.557965	0.687665	0.382100209
1.687935	0.9532	65.3778707
1.69842	0.966565	0.455835289
1.69756	0.966365	51.7573258

1.70172	0.913875	0.28144957
1.74548	1.0372	11.33559079
1.71117	0.89176	30.64147856
1.26857	0	29.28840613
1.740215	0.93474	84.48204589
1.891325	1.240225	29.82132864
1.851295	1.19278	13.81390543
1.84401	1.162705	61.18158544
1.80875	1.077415	13.53434984
1.765675	0.968655	17.11887495
1.75994	0.99262	63.16519515
1.735415	0.968485	63.1391617
1.69451	0.930315	19.62272559
1.648925	0.880905	36.82711124
1.6092	0.80725	33.45105652
1.19069	0	34.99681708
1.959805	1.246495	14.59933726
1.95628	1.268805	8.752189986
1.95375	1.267025	17.57875801
1.880395	1.180465	24.85832677
1.96293	1.248855	58.63833259
1.729	0.921775	60.48120096
1.68258	0.8876	10.96125266
1.63147	0.844315	29.87917723
1.596695	0.804485	21.69194639
1.53353	0.733495	28.71952767
1.505095	0.718475	29.43327578
1.57455	0.802335	33.25176472
1.608285	0.845965	13.22757145
1.84628	1.20867	32.59873833
1.83823	1.2059	30.34078197
1.805015	1.19794	62.64791996
1.8255	1.20356	112.5987162
1.78478	1.190395	39.73336942
1.774285	1.186985	45.63202768
1.765605	1.18353	20.4581797
1.60183	0.86201	9.55955005
1.757975	1.179605	24.78887579
1.600505	0.899755	19.51069015
1.576015	0.85613	12.61161251
1.54308	0.78607	25.34596448

1.135	0	27.59344992
1.570905	0.79248	112.3466761
1.67839	0.828885	41.02407392
1.247975	0	21.52036266
1.172195	0	71.52718494
1.912655	1.249955	84.81757516
1.905485	1.248925	20.34361701
1.89574	1.24096	40.68315366
1.666205	0.829985	50.89631002
1.23868	0	33.19022643
1.11357	0	53.6656039
1.497035	0.74478	23.46792387
1.5292	0.82159	39.8536128
1.58249	0.90739	27.84303174
1.60271	0.940485	19.80388384
1.624335	0.96774	76.12522919
1.644305	0.98961	21.6626121
1.657925	1.031385	8.320504548
1.68874	1.05254	46.04057186
1.685505	1.05348	86.28164412
1.369725	0.434935	8.162459748
1.6861	1.05607	38.96280981
1.725315	1.077745	3.075087688
1.72547	1.094715	50.10055051
1.763715	1.109495	69.38323296
1.543485	0.770985	47.08783487
1.153	0	29.88681167
1.20525	0	78.83279038
1.207735	0	38.43774214
1.62965	0.820725	25.29236619
1.67181	0.931765	13.1074539
1.7036	0.967505	15.18891546
1.660435	0.980065	74.06258865
1.69878	1.01684	19.67056452
1.710805	1.021745	96.60890164
1.739325	1.036245	111.6236923
1.724225	1.02635	23.75256078
1.19131	0	86.33464335
1.771195	1.062815	44.07505467
1.735265	1.047305	39.15232112
1.679755	0.89546	6.53796443

1.69305	1.001545	26.91591372
1.66907	0.98361	35.78864438
1.270755	0	47.27833675
1.704125	0.83464	47.54655024
1.708985	0.87049	3.408734149
1.5577	0.68201	2.979190838
1.6633	0.846425	42.85947723
1.67152	0.86834	100.0994377
1.681325	0.797835	1.451589645
1.76203	0.966035	53.17590443
1.75231	1.05416	34.11537693
1.748725	1.05153	102.3211638
1.77469	0.930595	7.381976673
1.84555	1.07162	2.627200189
1.84542	1.093145	5.240338888
1.698015	0.84552	33.8046455
1.256665	0	23.50927662
1.833515	1.02214	15.2857083
1.755955	0.977405	36.86976687
1.710765	0.940615	7.920392356
1.664425	0.89267	42.83436796
1.615985	0.8169	14.54820951
1.18054	0	51.56956146
1.27213	0	24.93669838
1.247345	0	50.05032829
1.677	1.07733	8.492612437
1.48666	0.837585	1.635370554
1.66588	1.0671	46.21580393
1.66512	1.065665	100.1978166
1.653715	1.053925	118.9261528
1.6521	1.052455	18.52564904
1.107545	0	63.51356071
1.50282	0.764405	21.241584
1.530505	0.834905	28.51388617
1.55639	0.880235	27.00962991
1.117965	0	38.36137011
1.525605	0.77719	6.104503631
1.55944	0.8522	17.47134912
1.11897	0	21.59346826
1.59021	0.911715	41.465877
1.616315	0.992695	78.75371241

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1.636715	1.039185	23.6573091
1.647435	1.04784	49.96891946
1.567565	0.851395	55.91314409
1.54249	0.781945	40.43670162
1.153325	0	41.14596191
1.14877	0	61.4054829
1.12422	0	54.90690472
1.14557	0	49.93959598
1.54181	0.78035	70.12773229
1.571755	0.855065	22.79447643
1.58781	0.893815	67.6823737
1.931125	1.17482	57.79388695
1.95825	1.18457	147.432698
1.96814	1.190535	19.49208283
1.989685	1.22242	26.13794974
1.720215	0.800845	39.65938562
1.93385	1.116015	83.42925867
1.974645	1.217215	125.6081506
1.76248	0.88207	0.697613446
1.88032	1.15714	20.72733627
1.832605	1.125215	128.1234631
1.841875	1.12812	1.673218037
1.905855	1.160175	82.62975553
1.911275	1.162065	92.36722854
1.647415	0.810615	14.85417145
1.913075	1.144805	6.709791465
1.92783	1.166905	123.885845
1.943695	1.17856	150.7305189
1.67924	0.90043	82.37242207
1.65256	0.867795	59.34315798
1.572835	0.780705	30.85175188
1.727685	0.904645	8.986191238
1.72781	0.93043	55.85219409
1.747245	0.91899	9.306263169
1.75118	0.95411	27.08577618
1.67394	0.825775	24.71197367
1.23663	0	101.3994962
1.867165	1.15824	30.21961139
1.87049	1.157705	63.70798063
1.87645	1.158145	27.75032479

1.882665	1.15645	70.62844129
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1.254775	0	53.86167881
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1.279995	0	140.6778309
1.95416	1.19373	105.0504049
1.94728	1.184005	39.69423158
1.25893	0	110.7399536
1.937085	1.19513	116.3480033
1.880115	0.984755	5.823216504
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1.95189	1.161245	58.47040542
1.94681	1.175625	9.104089156
1.946455	1.18149	7.233279823
1.829995	0.96203	113.5869171
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1.847905	0.971665	57.89808524
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1.82306	1.128275	31.47108961
1.80105	1.04245	56.73278329
1.79179	1.038555	134.5648071
1.806315	1.05806	89.48092219
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1.81576	1.066505	67.74025913
1.776125	1.04017	64.58557795
1.75701	1.020145	39.74865427
1.73264	0.995765	42.56664627
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1.75231	1.04756	35.35454066
1.669055	0.885795	65.81893293
1.63613	0.813545	54.46412202
1.64212	0.76353	70.48305968
1.691285	0.89819	68.49985558
1.71488	0.965715	42.67153145
1.46485	0.471895	36.13495303
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1.26799	0	84.6382461
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1.25662	0	127.0232314
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2.02115	1.218605	38.90686537
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1.94387	1.179485	181.937042
1.866905	0.98323	50.67139259
1.79039	0.951825	102.2003845
1.79942	0.96216	33.46378393
1.87718	1.12979	23.69310815
1.849615	1.12015	29.39226628
1.81944	1.10517	31.41561993
1.777695	1.085955	3.03131123
1.743035	0.999455	16.82893158
1.69674	0.96607	36.52929476
1.66161	0.9301	57.26596725
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1.57716	0.807105	27.23819184
1.15697	0	33.51643801
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1.625235	0.881785	30.34251363
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1.90728	1.113495	18.49335164
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1.938385	1.22229	14.64104644
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1.92631	1.125705	117.6686831
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1.7636	1.04343	74.46639997
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1.90414	1.235805	94.66297243
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1.63584	0.81505	74.07059241
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1.61417	0.81093	130.6238812
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1.635015	0.977375	42.7032916
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1.669195	1.012515	56.72986322
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1.60686	0.807655	58.00246467
1.731955	1.08412	49.45714296
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1.84594	1.160935	77.94020591
1.68297	0.872655	56.7765075
1.700605	0.90636	29.50677186
1.649055	0.82532	54.65363754

1.22655	0	104.4494582
1.20661	0	40.54177679
1.64669	0.89119	26.70106787
1.186045	0	27.26201714
1.68569	0.93941	74.99292877
1.722125	0.97743	14.83771698
1.704655	0.8404	27.99092616
1.78179	1.048525	34.94313108
1.24673	0	147.3770639
1.645515	0.8238	29.80791664
1.613075	0.770285	25.71605451
1.68423	0.835625	4.532395835
1.47578	0.6183	60.98524434
1.25266	0	89.79070905
1.690635	0.95485	39.95165056
1.67279	0.94299	215.4384425
1.65628	0.868075	67.90584071
1.63216	0.818685	62.16709312
1.58585	0.722705	39.41946619
1.19244	0	98.29370724
1.35832	0.41293	59.26529349
1.57214	0.756015	38.02320022
1.85538	0.970935	257.9942255
1.88095	1.178285	182.2200728
1.89917	1.184595	56.04082931
1.90741	1.210875	16.45544442
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1.85747	1.147605	11.91223319
1.87545	1.15476	18.17325818
1.89438	1.185335	20.06911755
1.90623	1.18584	28.62359068
1.888465	1.1811	59.3276345
1.92021	1.00012	23.78271307
1.918855	1.066555	27.73976859
1.91893	1.15562	124.8643354
1.947	1.22081	21.70252477
2.03742	1.170575	43.1148466
2.02542	1.277605	165.1551675
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2.0547	1.07978	83.85809173
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1.715495	0.96134	37.67163291
1.758925	1.0129	19.73393943
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1.876205	0.957215	34.68135687
1.86677	1.20326	81.96788395
1.866095	1.207975	53.89168338
1.84698	1.202395	32.02918047
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1.804205	1.150865	15.05914215
1.80025	1.1322	35.43701545
1.79245	1.12659	37.62923921
1.77838	1.12217	84.24592812
1.773875	1.126045	133.5947722
1.21715	0	85.57500912
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1.1879	0	33.84763245
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1.21383	0.183325	36.8208365
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1.54699	0.7092	27.84014288
1.587895	0.79266	26.74685136
1.20685	0.157655	1.042050325
1.14485	0	25.58516977
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1.652445	0.98605	37.61802491
1.633585	0.9295	22.50990678
1.60772	0.880875	32.11262481
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1.76741	1.117665	11.84296593
1.64745	0.996565	16.82876769
1.658755	0.99804	18.27642268
1.784045	0.932605	27.58143796
1.68207	1.015805	95.77944482
1.805085	1.105	142.8885146
1.577055	0.918705	7.717175579
1.55619	0.885245	30.57035263
1.536065	0.841475	34.28944705
1.50673	0.76842	19.27488886
1.104065	0	13.51143677
1.311205	0	101.9084578
1.74259	0.84775	22.51780832
1.246845	0	87.50287799
1.713515	0.886445	149.0460681
1.673885	0.8578	23.25124498
1.700695	0.84288	2.708714258
1.90155	1.153475	0.831666982
1.90296	1.186855	103.1032719
1.879925	1.180155	68.36741399
1.85575	1.1235	69.71994053
1.811735	1.05811	63.77689626
1.874495	1.168115	32.14495225
1.848445	1.11899	41.05208849
1.7892	1.043445	93.41060596
1.771115	1.033885	66.67655253
1.776895	1.0049	33.81172324
1.80014	1.00897	24.46381656
1.8262	1.10654	44.48625927
1.819855	1.101345	73.44074258
1.24119	0	51.98318206
1.820415	1.09689	62.01085522
1.853115	1.111655	15.06201923

1.33377	0	156.8897643
1.9039	1.13226	77.33644671
1.895515	1.124025	67.77502704
1.893105	1.130735	114.1519809
1.83082	1.00588	1.632900028
2.00785	1.16127	350.1940337
1.89757	1.16428	61.29680413
1.572765	0.751625	0.81194966
1.85323	1.11471	11.66636085
1.886555	1.16309	48.54098124
1.80684	1.0923	18.56705632
1.77365	1.07322	27.8972601
1.746175	1.054855	39.21822185
1.70733	1.028615	17.34071044
1.691245	1.01086	69.70566246
1.677785	0.997055	37.43993961
1.648485	0.97016	16.3331804
1.621105	0.940805	100.4244969
1.598395	0.90924	16.64490616
1.53852	0.78351	36.96724639
1.13764	0	56.15359016
1.130955	0	50.95727812
1.782475	1.014535	0.475695218
1.78102	1.017375	5.898648992
1.71884	0.84465	19.02175751
1.24846	0	18.57337846
1.704075	0.90757	25.06779958
1.639015	0.824185	17.36923938
1.2042	0	45.82680512
1.239925	0	58.5022621
1.700825	0.838945	28.29093047
1.180375	0	80.75445058
1.59058	0.79974	55.48158747
1.620285	0.87527	79.70524448
1.64127	0.918855	160.0773131
1.676905	0.956575	26.58591643
1.719715	0.9958	117.9509428
1.79097	0.995035	37.3696392
1.820865	1.105475	73.77769132
1.826915	1.12675	6.589824819
1.72726	1.013965	70.72843776

1.72357	1.00643	111.5776967
1.77503	0.96981	157.0582083
1.71336	0.78408	2.561133805
1.315315	0	54.20237718
1.720085	0.84533	5.166071722
1.380155	0.259525	3.200865895
1.392915	0.402865	57.84782051
1.641365	0.74685	166.460297
1.37405	0.304815	0.983221745
1.6741	0.82073	66.25787094
1.68542	0.75816	6.201691203
1.82882	1.130475	148.1335152
1.829895	1.11092	48.31606865
1.77293	0.98194	150.2175583
1.76742	0.98102	21.3288448
1.78527	0.99486	27.16702801
1.84405	1.118395	65.34763488
1.2979	0	108.4000823
1.75942	0.982695	34.13797015
1.702585	0.895705	47.70670567
1.659975	0.81997	148.4620286
1.246065	0	38.67524744
1.370525	0	173.6880726
2.013405	1.166025	150.0760045
1.79062	1.033415	136.4618517
1.77827	1.02384	42.5867061
1.76942	1.01455	75.70719537
1.74418	1.00238	88.70458571
1.726845	0.98661	89.36564239
1.72436	0.97856	52.2855736
1.745525	1.02069	39.08909263
1.709465	0.96931	68.13699412
1.673545	0.938835	54.23987438
1.66821	0.938215	53.56621948
1.69818	0.97235	63.6868783
1.70155	0.982075	67.89998917
1.698875	0.975885	13.54439347
1.70291	0.982655	64.4914475
1.71171	0.980415	48.82298067
1.241155	0	24.15027153
1.72782	0.9938	16.02580606

1.83359	0.97124	73.23830922
1.880455	0.99467	57.36839125
1.86398	0.965265	54.95786134
1.940235	1.065945	78.20056373
1.99679	1.15947	154.3649146
1.93157	1.04366	22.52683581
1.929185	1.05751	62.88630682
1.901955	1.029585	160.373451
1.89411	1.0272	106.5528192
1.530455	0.388855	47.4581444
1.93088	1.041395	40.83131813
1.946785	1.078765	113.6666614
2.02279	1.235975	43.0135188
2.02279	1.205565	100.0051422
1.91259	1.027385	148.6079832
1.90526	1.03163	172.1604301
1.90128	1.028835	104.4857529
1.87925	1.019115	168.1611676
1.887955	0.848475	30.27772607
1.84142	0.95439	153.2319288
1.842845	0.971615	0.734617893
1.88833	1.03634	295.4493266
1.87724	1.02166	181.9800145
1.86367	0.844705	104.8301031
1.84354	0.929675	131.9010227
1.875975	1.034205	287.5783485
1.43235	0	326.0474543
1.46188	0	381.8769776
2.016465	1.237975	16.26074391
2.020825	1.18335	1.286547668
2.030375	1.132715	61.50464555
2.228615	0.637145	2291.334658
1.99377	1.16622	21.92462898
2.01561	1.106715	77.05901846
2.20368	0.616885	2292.792583
2.0009	1.18451	47.29183856
2.217245	0.69578	2015.40893
2.022875	0.964485	0.535594706
1.643535	0.40952	2.443638863
2.053275	0.582835	632.719576
1.99466	1.297825	97.88972744

2.008865	0.68883	570.139022
2.350885	0.585065	2357.053353
3.83714	0.692025	2366.105898
2.04414	1.194685	289.6618142
2.039845	1.22548	77.57595843
2.0346	1.21533	26.62769446
1.9831	1.152325	25.42843627
2.157465	1.197935	779.487118
2.1344	1.216505	20.36231851
1.84775	0.774185	3.242891601
1.81655	0.849345	15.001276
2.070515	1.265155	1.221035647
2.09848	1.297215	160.4278349
2.11165	1.30481	38.86047772
2.216125	1.314295	581.1845961
2.188735	1.273695	26.69094437
1.79437	1.04806	25.72230993
1.988315	1.211195	209.47126
1.99971	1.090895	135.3302681
2.012795	1.08517	445.2758815
2.04281	1.167245	499.2783838
2.02278	1.20215	211.5733654
2.02722	1.15653	85.50534572
1.21979	0	42.24923551
1.687895	0.836295	35.76756315
1.77811	0.91871	25.21470682
1.86559	1.078735	13.43260878
1.87289	1.127195	25.60065376
1.85341	1.120355	34.03066405
1.83547	1.11586	52.41290128
1.817555	1.10914	71.68153017
1.79045	1.089235	83.27219828
1.774725	1.07435	53.94253193
1.77902	1.07513	26.11507542
1.786585	1.073905	97.31438043
1.807265	1.087485	30.08119951
1.23434	0	70.3166929
1.656335	0.824115	42.03577768
1.750755	1.00437	80.10051303
1.73463	0.993235	38.40783935
1.722	0.97986	57.63951344

1.712655	0.970745	44.89688957
1.655095	0.826435	1.656160342
1.236695	0	42.29504964
1.66191	0.81998	82.46860646
1.670865	0.82605	4.031507838
1.713265	1.02545	7.836528053
1.733305	1.049145	40.52907671
1.73577	1.05037	62.05086259
1.74057	1.05133	61.27554128
1.747315	1.061575	19.9268214
1.74989	1.063595	39.76192097
1.538805	0.676995	0.619116306
1.757435	1.06604	33.21421368
1.686995	0.832165	74.95243413
1.70782	0.87321	0.659928671
1.25022	0	53.27894564
1.774955	1.07258	0.692247247
1.79787	1.099485	122.4119437
1.28449	0	130.6732032
1.71045	0.829825	46.55548132
1.77231	0.914745	58.99013679
1.838345	1.112245	16.82957324
1.84791	1.114175	44.83557282
1.86535	1.13949	104.7992412
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1.89141	1.19007	18.83116148
1.907915	1.197915	66.89088054
1.69106	0.893755	0.099905205
1.76307	1.00899	67.21455602
1.75169	1.002945	58.79287061
1.719925	0.90487	9.47726047
1.75073	1.005375	75.77483275
1.73981	0.99566	58.12720383
1.662235	0.826585	45.89696099
1.220615	0	18.59057637
1.75148	1.00429	58.78625378
1.7766	1.025465	37.37086067
1.46366	0.532665	2.709541595
1.82321	1.05585	131.9690364
1.78972	1.03245	2.722239454
1.850615	1.06217	133.1329592

1.838085	0.99104	40.56644599
1.67301	0.831845	40.26454715
1.314835	0.15171	0.899290532
1.230365	0	38.23858515
1.784245	1.01835	106.8440059
1.28876	0	169.1777883
1.74181	0.97484	57.78428585
1.707345	0.95644	177.5924934
1.679845	0.942465	58.76348194
1.64951	0.907105	40.31909021
1.62735	0.86356	31.99600315
1.588825	0.78308	56.36128097
1.180455	0	202.9974119
1.26805	0	50.55341329
1.70495	0.837835	53.33244303
1.77555	0.99776	15.27318664
1.227095	0	231.1529246
1.64725	0.81214	78.64998784
1.696845	0.89064	34.44370699
1.802975	1.02133	12.70657919
1.712185	0.776915	38.45930853
1.645305	0.700165	37.21042272
1.61336	0.69177	28.43967821
1.66023	0.763275	14.58861352
1.19308	0	18.71932341
1.62563	0.82014	20.36682532
1.668585	0.896645	20.2098471
1.718315	0.948445	17.462883
1.74316	0.981445	39.03945342
1.703825	0.84105	32.74202167
1.783835	1.04305	32.57284005
1.79163	1.06533	7.135902169
1.27517	0	31.53176807
1.26019	0	165.2319569
1.810575	1.067705	158.900613
1.81815	1.067385	35.40455765
1.8434	1.08079	78.77490195
1.83867	1.062665	0.941092052
1.905275	1.142575	2.290002904
1.914105	1.188275	1.88774956
1.91231	1.182715	1.322865647

1.948995	1.24542	16.58330255
1.9212	1.216695	6.799425069
1.932305	1.220675	59.49922008
1.94351	1.216035	56.97405033
1.89881	1.151815	19.14162421
1.88363	1.14373	15.21806323
1.88288	1.144645	29.32181807
1.885115	1.148775	7.923401875
1.89135	1.14143	3.648986885
1.911635	1.177965	29.8089502
1.918065	1.181255	10.66417062
1.92708	1.18977	128.3972619
1.95174	1.23631	29.48146086
1.27914	0	62.38069148
1.71201	0.841705	48.41329531
1.845655	1.050185	68.58015292
1.845615	1.046655	139.1303552
1.83104	0.97233	45.28784426
1.76773	0.94767	74.32145725
1.72278	0.903295	42.03568513
1.66868	0.82744	44.91042777
1.241545	0	77.47100539
1.965245	1.23738	153.8930644
1.96297	1.19267	39.01356104
1.948625	1.186995	30.55950282
1.95387	1.19481	77.92446279
1.964165	1.19287	129.1212965
1.97477	1.19175	79.66523028
2.00639	1.19733	92.5570789
1.99609	1.159825	9.772569153
1.993535	1.15343	1.553161248
1.711615	0.75626	27.32677539
1.417755	0.319055	25.76615968
1.78075	0.92366	16.83946776
1.723085	0.87607	30.2660491
1.838915	1.078475	18.95369449
1.885795	1.15621	16.784279
1.853465	1.11233	35.77391841
1.80641	1.052135	39.35404685
1.80255	1.039955	11.922335
1.765085	1.01688	13.00564909

1.72264	0.927385	32.23751767
1.7194	0.902105	21.26154613
1.69769	0.891555	10.40338716
1.67339	0.83047	47.67810992
1.246845	0	30.88677378
1.713335	0.902055	62.20972427
1.67792	0.8338	64.30808083
1.23608	0	26.27542385
1.8318	1.10782	60.37915618
1.804665	1.1037	64.45938212
1.79134	1.097945	30.41126672
1.76813	1.075525	33.87794122
1.788275	1.075615	19.3674832
1.75936	1.002045	0.247508747
1.77336	1.043035	11.09338951
1.72133	0.98697	0.247933218
1.7446	1.041405	83.573125
1.739115	1.034175	104.1260878
1.70767	0.98277	149.405027
1.719955	1.0018	0.628731566
1.738705	1.037435	10.57542525
1.69651	0.974285	75.26585452
1.6994	0.973505	11.65809741
1.733505	1.01647	43.29955323
1.7457	1.023445	34.65202085
1.771725	1.07118	26.03488808
1.773665	1.073735	13.86391991
1.779025	1.075465	73.51182847
1.79107	1.081935	53.2568168
1.845985	1.14242	14.65325936
1.831485	1.124205	63.21533312
1.783095	1.02094	63.90018903
1.85713	1.146165	45.76098106
1.89077	1.157165	41.06340871
1.94196	1.178115	58.19293345
1.83174	0.96225	41.96630636
1.98457	1.224515	68.9760828
1.94405	1.17808	33.06933398
1.799295	0.91725	4.364373074
1.95704	1.219815	79.52143453
1.974635	1.225505	109.0188152

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1.934445	1.21014	31.61819364
1.93816	1.208515	4.041180453
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1.29682	0	86.22667157
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1.74224	0.906405	59.79673447
1.69139	0.834235	32.41041285
1.24447	0	40.85639156
1.819585	1.04795	57.66411142
1.82863	1.013885	0.09266337
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1.7721	1.01128	76.08312564
1.734825	0.99063	26.46840829
1.246265	0	20.20950955
1.67435	0.82676	83.72986583
1.64619	0.90992	24.3830386
1.62068	0.88608	37.75518239
1.63094	0.888545	46.00325208
1.546285	0.723795	79.61030081
1.535045	0.69875	30.47672456
1.729045	0.92781	16.56974323
1.654075	0.809455	46.42169303
1.772885	0.967695	43.13343138
1.68012	0.91187	109.1492267
1.71632	0.937875	51.38447619
1.650975	0.82504	40.39560773
1.22217	0	31.99445904
1.814485	1.08291	41.05622908
1.85665	1.085555	87.51597058
1.860175	1.07914	13.7883919
1.8606	1.079725	74.26895807
1.868365	1.097345	57.11334866
1.881575	1.140875	41.98084627
1.824525	1.09379	102.1823858
1.7578	0.931415	1.135791848
1.75823	1.033175	23.58354545
1.762975	1.0448	1.036961161
1.710425	0.93771	11.23088613
1.73039	0.98759	25.3750714

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1.68154	0.89415	20.54851426
1.633765	0.81994	35.99650935
1.21936	0	16.61100225
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1.219405	0	26.99220025
1.38798	0.36026	1.555808604
1.698995	0.83493	37.48468906
1.25632	0	36.99495756
1.881155	1.135855	118.9827261
1.74594	0.84654	27.61565242
1.912975	1.140835	48.78426423
1.917155	1.14392	1.444065016
1.768295	0.863405	33.27554844
1.8138	0.901485	39.07663764
1.81657	0.859205	38.16464913
1.3397	0	31.16985483
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1.5355	0.512115	1.785015531
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1.962885	1.149415	4.446838411
1.901135	1.04561	1.020439793
1.91142	1.0647	3.855704247
1.80777	0.810215	40.93646385
1.487695	0.418835	44.58654492
1.69644	0.72061	0.528693485
1.806575	0.98162	51.19649934
1.868225	1.07824	106.9240009
1.881885	1.08388	23.57714232
1.891795	1.09301	104.4682092
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1.33551	0	72.97358908
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1.895085	1.0298	18.23460968
1.915485	1.044195	49.28956576
1.91447	1.032955	10.48946399
1.88947	1.012425	9.885835221
1.877135	0.98839	71.31659002
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1.755235	0.75408	33.68000436
1.827965	0.84545	46.74229784
1.88084	0.957105	3.319510476
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1.81788	0.859795	30.75213661
1.355305	0	24.55779986
1.77619	0.934915	53.23340885
1.767785	0.92579	67.65411469
1.77265	0.92646	80.79686636
1.784935	0.935525	42.12575232
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1.81608	0.96275	33.34799957
1.8415	0.98284	52.30756767
1.89989	0.95192	1.575865076
1.90761	0.997485	137.8239058
1.82968	0.90951	17.10040822
1.830325	0.901815	2.906325991
1.964145	1.07946	48.63279653
1.94391	1.03503	3.276333007
1.93858	1.003725	3.018519812
1.945955	1.004395	16.58716176
1.864915	0.817655	12.70498945
1.980005	1.083975	48.87341574
1.98328	1.06933	90.12514924
1.76129	0.82607	0.358397824
1.347935	0	53.3044256
1.71547	0.830775	81.4360207
1.621885	0.650695	0.354779284
1.846305	0.877505	15.0053906
1.897575	0.928835	2.785869309
1.922095	0.95984	18.71887232
1.84402	0.779435	84.65614751
1.8788	0.845025	124.6532928
1.811405	0.792575	32.27261587
1.89197	0.88739	24.41008044
1.98504	1.06856	89.04353769
1.994725	1.08919	29.54303919
2.137075	1.294805	54.68867788
2.131255	1.293315	2.3254611
2.093915	1.22391	1.318900971

1.368375	0	62.48001562
1.45072	0.22734	2.647174548
1.79952	0.80748	1.716167594
1.82603	0.86062	68.06113476
2.11615	1.275845	74.82692782
2.00534	1.145385	1.059864379
1.86526	0.893545	3.080367759
2.123795	1.27603	19.46883172
2.17796	1.31289	114.5034461
2.178015	1.31016	6.356900922
2.002355	1.01346	15.61888805
1.986605	0.9722	19.96494293
1.652105	0.54348	3.393405242
2.05206	1.21045	0.563267761
2.047225	1.251245	173.7356606
2.049535	1.25689	45.85839639
2.04432	1.229385	87.94559132
2.01639	1.22518	83.90158595
2.01838	1.22325	27.58929438
1.8927	1.123975	62.14339632
1.86629	1.11696	57.72295185
1.848135	1.111035	59.9501026
1.83222	1.11157	130.3912959
1.83016	1.10091	31.83759106
1.67544	0.83118	40.34116565
1.24858	0	21.9693379
1.827785	1.09665	55.53711305
1.81086	1.08928	9.637418889
1.783825	1.006855	66.38576497
1.76979	0.991015	70.23219326
1.75954	0.971895	44.49126445
1.746265	0.944035	66.29708828
1.21318	0	28.16944459
1.63183	0.815435	46.78332159
1.675575	0.888665	62.03302266
1.693515	0.92904	33.24528556
1.71082	0.95757	57.46129654
1.73232	0.98331	21.39213004
1.62842	0.602285	1.716243089
1.811495	0.880615	2.193473977
1.80752	0.86046	6.128667961

1.833585	0.867095	38.99695423
1.37858	0	42.27427511
1.231435	0	55.80162329
1.67187	0.822615	32.60793124
1.717695	0.900525	29.58705089
1.96445	1.10852	25.80737983
1.96877	1.108395	6.656127238
1.97136	1.129005	1.519751407
1.948825	1.08775	4.1198403
1.855935	0.98796	10.26605024
1.991815	1.173085	45.94686645
1.8808	1.08713	65.33371927
1.843385	1.045775	35.54339319
1.85081	1.07328	33.93161095
1.70357	0.839365	46.52733698
1.263835	0	66.4916896
1.82711	1.03613	53.23252953
1.78919	1.01768	11.62379598
1.732765	0.991915	48.97353698
1.69659	0.96071	33.17465179
1.64516	0.93109	12.31193067
1.686795	0.9472	90.41087652
1.65914	0.942395	34.06842284
1.60542	0.80954	13.34267877
1.66033	0.944335	66.50502866
1.5865	0.803145	18.34167816
1.164355	0	74.85188384
1.18441	0	57.39279227
1.682655	0.962545	78.59534295
1.71514	0.9816	29.44813989
1.757505	1.006675	44.3182644
1.945485	1.15891	30.7413385
1.928095	1.15407	55.92313584
1.911055	1.151675	113.1744513
1.90082	1.15204	84.13045573
1.874885	1.14202	84.6247765
1.859725	1.141245	67.23198535
1.84112	1.13854	89.27627264
1.82679	1.13437	33.73705346
1.801065	1.11628	60.55967869
1.790375	1.10924	60.20458868

1.731225	1.019725	42.00475798
1.71282	1.003635	47.84449306
1.693525	0.98805	51.34362546
1.669825	0.970655	28.6291378
1.642505	0.9427	15.82591657
1.17808	0	27.13916761
1.592045	0.861305	37.19712121
1.55571	0.79119	57.24466576
1.144945	0	22.26178687
1.784955	1.1064	29.39197165
1.77813	1.10324	71.52346246
1.77751	1.101745	55.38343669
1.776895	1.09927	63.20235593
1.77964	1.101515	63.82530726
1.78421	1.103765	41.59972507
1.72467	0.95547	2.16116029
1.794055	1.127765	16.53983203
1.810045	1.14104	131.0712224
1.810215	1.13549	1.0687611
1.78034	1.104165	80.83475049
1.73333	0.971615	6.478053172
1.76998	1.09881	31.67012448
1.701	0.93602	14.42458408
1.233615	0	45.34750195
1.6676	0.891065	15.2689963
1.21156	0	50.10228928
1.774945	1.105245	27.30028206
1.776755	1.10774	86.44221605
1.777985	1.11247	36.57909796
1.7882	1.119205	76.63236405
1.79813	1.12846	58.73355884
1.803105	1.129505	7.704281538
1.22897	0	75.81279843
1.249895	0	118.3915436
1.6787	0.82004	126.3261775
1.70579	0.8837	179.5228994
1.714935	0.91715	123.61178
1.568315	0.75525	6.844885696
1.72244	0.91436	10.4859249
1.825225	1.152995	64.15323028
1.843085	1.16104	129.8644653

1.94756	1.24345	159.4669983
1.950885	1.21384	24.22859604
1.926515	1.046315	24.96568705
1.89834	1.23228	64.00622539
1.89507	1.228085	11.85245122
1.868025	1.20279	33.88522325
1.882605	1.22027	69.30167555
1.88504	1.226085	111.6341489
1.85431	1.19774	46.13119153
1.84412	1.196945	45.67294337
1.84307	1.20345	154.7448716
1.850095	1.21722	46.81145259
1.65139	0.825005	92.2507148
1.231095	0	50.15793864
1.18157	0	68.95675072
1.594355	0.79643	64.24688096
1.648945	0.939825	34.3282414
1.160105	0	47.71044
1.574215	0.78986	73.88855468
1.67564	0.97355	37.44746347
1.704955	0.99839	34.46677323
1.728375	1.016595	71.46485494
1.774705	1.02708	46.58580373
1.82575	1.04028	176.2902834
1.83392	1.043765	3.480701554
1.898995	1.128595	5.391926414
1.913335	1.175635	32.78092575
1.87336	1.123915	59.47869632
1.54164	0.655625	3.34897637
1.86161	1.12247	61.49322745
1.84224	1.120065	63.90102894
1.817555	1.11037	37.99789924
1.82965	1.1287	103.9774504
1.791185	1.09934	48.34236708
1.764205	1.08123	44.34257252
1.74848	1.074375	40.15175326
1.73632	1.07519	73.9870976
1.725145	1.08298	69.58146182
1.65531	0.925955	10.63591583
1.71189	1.090335	45.32922626
1.1851	0	35.93926136

1.60243	0.806255	47.99361637
1.662225	0.972775	5.398926101
1.615625	0.917705	11.89137733
1.152145	0	51.92801594
1.63234	0.88011	33.39080635
1.314985	0.382255	6.726088644
1.570065	0.79404	31.91382828
1.589	0.8666	13.08210575
1.551345	0.787625	52.55217753
1.13885	0	42.0781029
1.59783	0.798795	87.58125158
1.1817	0	38.11142915
1.700795	0.93706	42.43386959
1.22338	0	72.40051012
1.66153	0.888555	29.57624174
1.204505	0	114.8406194
1.762245	0.84792	69.60239153
1.333435	0	47.41571553
1.78166	0.695225	4.540791395
1.78428	0.69503	6.076889804
1.80726	0.772395	75.29666487
1.86365	0.847345	1.806586201
2.058355	1.16847	66.40850286
1.83678	0.838805	2.266826681
2.094935	1.20711	90.17709666
2.09775	1.199135	0.838030411
1.863415	0.82579	18.22963461
2.047135	1.150725	2.663308606
2.109355	1.240675	192.4158242
2.092455	1.243695	124.6053446
2.087005	1.24648	101.3585404
2.0781	1.24958	129.0325395
2.060865	1.15859	144.4162365
2.040515	1.155335	115.8583185
1.98287	1.15266	411.8706062
1.895655	1.088105	14.08052312
1.30051	0	349.042376
1.903475	1.167175	67.92033163
1.90552	1.17103	46.16088008
1.86835	1.075575	1.424886247
2.022885	1.223945	228.8765603

1.963225	1.17491	330.4072455
2.030875	1.233955	74.85729979
2.01074	1.156875	1.396526924
2.030945	1.236205	130.738727
1.967175	1.142395	0.280518965
1.97773	1.195525	17.68630036
1.994095	1.24056	56.30701394
1.898475	1.041165	0.767441881
1.942605	1.2093	0.954165531
1.94431	1.211815	30.27647564
1.87102	1.11418	6.592517433
1.90874	1.14875	164.3691025
1.89759	1.151385	67.62582602
1.88132	1.150185	40.63272939
1.866615	1.15066	120.0815052
1.783155	1.0552	46.32735126
1.90159	1.181035	55.13182593
1.88539	1.17738	24.70432872
1.88478	1.15401	23.46119561
1.882415	1.16337	230.8980332
1.88923	1.06403	2.668026044
1.62448	0.811905	2.770973773
1.894305	1.087525	118.0535073
1.894235	1.085435	70.905385
1.91872	1.09945	216.115645
1.90432	1.09905	153.6851887
1.28469	0	128.3991916
1.706335	0.82945	65.39824982
1.377925	0.265125	1.535510926
1.734865	0.992805	1.729314158
1.77734	1.03986	92.4703695
1.76747	1.002585	30.29974126
1.74052	0.90704	60.99954581
1.68299	0.82495	75.67577448
1.271625	0	80.57939637
1.650875	0.819345	32.98246192
1.22186	0	34.65979347
1.239255	0	80.31339861
1.6539	0.814965	79.88434973
1.680845	0.88731	8.230129279
1.70338	0.924485	37.40238608

1.492865	0.55395	7.961146349
1.733355	0.96265	161.8762321
1.297755	0	3.943611062
1.79184	1.034195	2.609501846
1.81786	1.1026	110.192068
1.842595	1.116625	3.274400403
1.823645	1.04564	3.400573336
1.849655	1.135955	26.38549122
1.819695	1.06579	2.235300038
1.85191	1.1344	91.43262774
1.86158	1.157955	18.38139964
1.85693	1.13519	47.83470386
1.23038	0	66.50440548
1.6657	0.823235	13.99458131
1.712995	0.95274	32.67624308
1.69171	0.931605	44.08508336
1.67831	0.914165	34.36404366
1.658295	0.890845	48.18003132
1.54352	0.639835	1.957930632
1.81562	1.121915	75.185936
1.72674	0.988405	0.862712033
1.8148	1.12784	46.15807384
1.820525	1.13734	83.75826397
1.832925	1.16439	83.97227192
1.827995	1.14643	11.24096966
1.82917	1.166315	60.36676235
1.77536	1.092645	144.6885868
1.82655	1.1659	36.71655725
1.754415	1.04247	74.7505715
1.74033	1.031995	113.8846382
1.72635	1.02234	58.95970417
1.717835	1.01103	45.24378449
1.69629	0.991765	43.18673958
1.682305	0.976485	49.81965331
1.67699	0.96674	156.8909768
1.64345	0.927615	25.21167608
1.65852	0.944295	101.6121759
1.149565	0	47.75412785
1.54919	0.77577	68.11668648
1.581755	0.847375	104.108153
1.594775	0.884195	77.64325604

1.639985	0.94125	41.34601917
1.6268	0.915635	130.0637172
1.590945	0.8897	78.30452157
1.483275	0.66111	1.593326197
1.633355	0.92409	49.37751922
1.71398	1.01027	84.86203721
1.65565	0.930825	2.256400738
1.728615	1.013195	5.4292125
1.72454	1.01391	61.39038945
1.669435	0.883565	1.292109756
1.63154	0.816825	25.97743285
1.21055	0	28.19754276
1.217865	0	23.6357483
1.635055	0.81822	75.59551266
1.78205	1.08415	53.96757705
1.69882	0.895635	7.635049103
1.80812	1.09259	43.98930575
1.75068	1.056255	64.08057964
1.6846	0.895495	4.033983927
1.4967	0.65178	2.000209052
1.621335	0.816055	18.18964749
1.20015	0	21.58793789
1.85267	1.023565	77.28231785
1.63564	0.743105	0.967314148
1.843775	1.01119	73.13827704
1.80367	0.91944	30.57751729
1.82661	0.99034	43.66101747
1.28924	0	46.84338281
1.75295	0.842045	49.79126291
1.309355	0	53.42135127
1.828195	1.10298	1.250132186
1.843185	1.122395	121.648497
1.836835	1.129675	39.98097303
1.848645	1.13933	87.70791928
1.71294	0.810955	13.0902659
1.258785	0	74.82691875
1.56566	0.63691	107.7323109
1.81742	1.132685	57.59331873
1.72608	0.872395	1.672985406
1.36586	0.380245	2.134167681
1.28473	0	39.97546813

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1.768935	1.09638	40.7138127
1.76857	1.09989	1.302627967
1.749745	1.050275	1.789286568
1.73546	1.008055	62.52585692
1.690825	0.869835	0.266835754
1.27928	0.20676	0.260712331
1.245495	0	25.00909018
1.64314	0.814035	19.95032602
1.66901	0.893825	0.212961217
1.212225	0	44.06814546
1.197035	0	15.9746428
1.63609	0.813045	26.6855544
1.368095	0.41627	0.570428349
1.629235	0.803695	54.94536104
1.21568	0	32.23762845
1.70899	0.94905	82.2102695
1.688635	0.93003	33.14116424
1.67359	0.905475	39.9926653
1.6517	0.877205	45.79928049
1.630775	0.84087	61.7104482
1.602685	0.78293	24.94367582
1.46661	0.591445	51.96348897
1.723355	1.022255	16.8853647
1.674205	0.89772	14.11793413
1.622065	0.820185	32.67106034
1.19368	0	16.81682477
1.628655	0.81835	44.28148411
1.203085	0	31.3208411
1.847735	1.219385	50.50350758
1.84965	1.22702	51.77678233
1.85222	1.23159	76.50887752
1.84853	1.231615	24.7420149
1.85152	1.238355	71.91995843
1.846665	1.22897	33.48852049
1.73557	1.08082	26.0245798
1.715075	1.066325	17.1419415
1.700735	1.055595	59.05429439
1.674755	1.03568	25.30601069
1.635545	0.969105	25.32475256
1.653785	1.018295	9.187197227

1.620555	0.943325	11.16993808
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1.570935	0.861875	20.49168266
1.529755	0.78355	26.17957894
1.128675	0	33.33747167
1.54628	0.789585	29.81857437
1.14199	0	55.35001452
1.74509	1.10389	19.6271055
1.215405	0	117.1684388
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1.671075	1.05137	5.071740703
1.179845	0	73.97548205
1.63753	1.018055	18.86758743
1.60403	0.969315	20.39759334
1.61498	0.997875	56.97792038
1.132495	0	36.46218582
1.592665	0.948725	31.61829644
1.577615	0.923215	29.66807695
1.541305	0.84573	18.78157435
1.11602	0	41.06430202
1.505755	0.76871	54.61587468
1.101575	0	40.66229272
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1.81682	1.175165	8.546843398
1.796825	1.16575	80.52682962
1.79476	1.16013	28.01757499
1.787585	1.154885	13.61214006
1.771095	1.110115	26.40570262
1.72293	0.969435	22.01244992
1.70001	0.93555	132.7385616
1.181935	0	68.63180566
1.603095	0.808935	43.18373239
1.69394	0.994155	18.21957034
1.658095	0.89361	32.35277203
1.59863	0.80506	76.69003634
1.18199	0	73.94628537
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1.80532	1.19593	102.63468
1.798785	1.19725	59.15442871
1.79265	1.197525	56.13015754

1.799345	1.20692	53.94967203
1.781385	1.160475	47.64255863
1.77329	1.157155	59.38845511
1.73107	1.05146	26.38588592
1.705705	1.03053	59.17843552
1.682105	1.00807	58.77008482
1.206275	0	35.63805479
1.667715	0.988315	32.25221244
1.732995	1.104625	47.26669897
1.731905	1.09387	27.80245147
1.208365	0	52.61695698
1.701885	1.07547	70.27388718
1.695945	1.05783	36.99127752
1.624665	0.850035	1.346297092
1.267825	0.285675	1.603423792
1.204405	0	123.6263108
1.1946	0	130.09346
1.65032	0.995585	0.69005507
1.64344	0.97666	8.269568989
1.61948	0.945485	38.20475659
1.56324	0.79218	8.724274041
1.533335	0.780065	92.59367476
1.13377	0	37.96755559
1.161095	0	82.86077655
1.243625	0	69.82266685
1.71433	1.033135	36.20613904
1.692215	1.013	20.36676506
1.67901	0.97324	48.1163475
1.61864	0.848135	1.84561873
1.65122	0.9415	39.40045374
1.278865	0.275425	40.92450056
1.28295	0.291305	1.494955896
1.3039	0.287355	33.11491152
1.56605	0.730355	37.3177078
1.56366	0.73311	2.345386785
1.365705	0.409265	33.46572088
1.60778	0.80848	7.979582052
1.200735	0	71.92058368
1.65733	0.890645	70.99943102
1.73374	1.089125	28.88014595
1.710455	1.073295	48.28367135

1.692755	1.05886	48.39676965
1.65585	1.013105	15.92948516
1.66503	1.039365	43.04695848
1.15785	0	72.69114903
1.596305	0.872595	17.88782495
1.639845	0.99459	28.7608254
1.564285	0.79433	47.87985716
1.15829	0	26.3020647
1.584445	0.86818	17.680298
1.54479	0.786555	14.45618067
1.14019	0	43.28042227
1.620895	0.923135	37.19100309
1.556315	0.79161	9.790429027
1.15762	0	41.86146801
1.15004	0	30.0983452
1.659725	1.01271	28.75576745
1.18136	0	23.98840335
1.67468	1.02504	42.91514905
1.666525	0.982355	7.031198836
1.65822	0.96756	92.19874511
1.65322	0.955125	67.40825977
1.64615	0.94489	209.3825241
1.62307	0.90922	32.51357778
1.599235	0.855115	48.90791121
1.56973	0.780725	75.48027412
1.169495	0	40.41824608
1.647675	0.917775	101.0604992
1.617545	0.876515	30.16047823
1.576675	0.801555	28.52314253
1.160945	0	46.83795112
1.774645	1.09466	55.91757069
1.774705	1.100465	57.99935533
1.20924	0	63.58144336
1.752785	1.085385	55.1990242
1.73802	1.081765	80.67624856
1.71649	1.078785	83.81269544
1.14408	0	84.00119123
1.563705	0.795885	38.93277116
1.607905	0.872675	14.29992789
1.63555	0.92044	14.07364408
1.67475	1.02884	30.58194263

1.66195	1.02018	44.77327861
1.651005	1.007515	20.0578336
1.587225	0.8428	8.62558622
1.145595	0	47.53320693
1.261045	0.28254	13.54461585
1.61896	0.931805	19.74827901
1.609165	0.903865	53.89378577
1.587485	0.86059	41.68288281
1.5495	0.78256	51.95495893
1.145875	0	73.42506315
1.623395	0.97248	44.46212852
1.607235	0.95197	28.98248558
1.584145	0.922245	27.79565527
1.567885	0.89222	24.70900353
1.54741	0.846075	33.21701069
1.51174	0.76789	15.44719498
1.111515	0	25.94936902
1.72441	1.097325	36.57867858
1.7309	1.09631	42.75562795
1.734495	1.10853	33.33711171
1.7335	1.094215	116.4695311
1.62522	0.91079	79.92473526
1.600425	0.8676	38.16620709
1.14933	0	95.15289795
1.163235	0	63.44829536
1.73639	1.10685	93.53926717
1.746985	1.112565	47.56094974
1.757705	1.118135	37.79056607
1.762145	1.115215	1.478579673
1.768665	1.12514	27.14891683
1.18195	0	29.56689379
1.163885	0	61.64479364
1.59036	0.80608	20.00885102
1.643385	0.94922	25.6760027
1.574885	0.798115	18.61661105
1.658875	0.966295	175.6951423
1.669645	0.98079	56.45095707
1.681295	0.998565	23.09966836
1.694985	1.01288	102.2628699
1.73509	1.03525	5.282189427
1.798505	1.150675	10.34398083

1.79022	1.14579	26.45391829
1.78334	1.14226	49.43628485
1.77516	1.13276	47.65197782
1.62326	0.82879	3.091773359
1.550655	0.74312	1.902609337
1.61821	0.85802	45.83167047
1.59497	0.83372	19.98814757
1.59503	0.831085	16.4291333
1.623965	0.866095	86.41275127
1.641635	0.890315	35.18850569
1.674115	0.918155	69.58896737
1.53593	0.698035	2.066559694
1.71023	0.94533	42.87871986
1.790315	1.126045	35.68430014
1.795615	1.128025	63.12599832
1.186135	0	18.4795597
1.61538	0.81647	19.92056823
1.65723	0.88994	31.73768022
1.691235	0.93348	35.15666458
1.7123	0.965385	22.80982062
1.715715	0.968275	14.09627908
1.670695	0.929895	18.23638994
1.629475	0.881265	12.42998121
1.583355	0.80521	11.68402842
1.17047	0	18.45336751
1.86536	1.21422	42.57375765
1.79253	1.12866	76.93403967
1.87097	1.22199	40.82992107
1.86632	1.215435	44.36475907
1.70931	0.937005	14.34496741
1.663	0.88672	37.03039801
1.62688	0.814235	81.62273768
1.20492	0	44.37427681
1.82719	1.17105	59.24792458
1.83248	1.185165	101.1980329
1.88156	1.22674	88.94625391
1.90207	1.185705	0.107647017
1.90743	1.243675	44.4940366
1.897445	1.2307	43.91209145
1.8065	1.126195	68.98642519
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1.635635	0.819415	24.54322589
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1.774935	1.10198	37.62685474
1.653415	0.818815	99.10962885
1.75971	1.09229	7.408802705
1.247415	0	49.55384839
1.72665	1.062465	61.57978746
1.71938	1.03671	7.791257634
1.7006	1.026575	99.82586589
1.687055	0.993595	23.60406014
1.696305	1.02222	56.12341814
1.667955	0.97143	53.76006031
1.648535	0.94877	58.1428912
1.622875	0.91387	37.52670205
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1.56061	0.792485	63.38173201
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1.189825	0	48.63243271
1.606635	0.806915	65.05564784
1.19482	0	63.24275098
1.921975	1.2316	68.82256563
1.85552	1.120375	0.102983591
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1.735605	1.0796	11.18110071
1.821705	1.18162	20.49334507
1.811895	1.17366	7.212249691
1.690705	0.93795	14.49333777
1.649255	0.81883	40.0373576
1.223695	0	120.3684031
1.212545	0	68.38297771
1.76262	1.08495	39.7235054
1.74427	1.072415	5.536758757

1.6814	0.903395	20.63803788
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1.72736	1.026375	36.16560668
1.648975	0.8236	33.0833955
1.70218	0.974565	5.026859048
1.714455	1.013385	55.73785861
1.235175	0	118.7628193
1.20036	0	50.95355992
1.629695	0.821675	32.27026204
1.215935	0	25.40260234
1.216635	0	53.17469405
1.79601	1.12358	24.31922258
1.794085	1.131415	59.40491544
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1.73231	1.02201	39.44872513
1.761895	1.1032	72.91961474
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1.681025	0.982035	73.01015178
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1.161685	0	66.1695677
1.57493	0.790255	96.68587167
1.169185	0	35.97150938
1.193875	0	36.1237463
1.61241	0.811415	51.98001045
1.67279	0.897085	34.46806505
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1.72236	1.00277	24.61368233
1.22422	0	55.25730924
1.25234	0	129.956761
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1.20848	0	42.37429529
1.62436	0.81783	25.23447617
1.65883	0.88603	86.95330387
1.69185	0.92322	72.50228741
1.7105	0.97654	24.65753911
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1.77596	1.101595	44.48641571
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1.784345	1.10401	45.91330424
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1.72172	0.906745	1.230754971
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1.860245	1.16128	51.49802662
1.86258	1.16874	6.759295875
1.200425	0	43.30586424
1.581965	0.855595	0.303980427
1.72803	1.035375	22.73160695
1.64715	0.884805	4.525299394
1.68331	0.976855	7.282460151
1.69998	1.018095	56.89039407
1.60229	0.81045	23.52300534
1.17584	0	20.37470279
1.59215	0.80303	100.982599
1.607645	0.81174	23.75490016
1.190285	0	18.78952041
1.880315	1.17403	79.38421397
1.664105	0.832225	17.30462337
1.230635	0	23.95457857
1.72905	0.993065	66.96596845
1.71895	0.977035	68.11520037
1.683975	0.95029	117.7727915
1.66033	0.928615	71.42368849
1.61988	0.816405	16.20940534
1.19583	0	16.58493323
1.185715	0	66.20764767
1.17871	0	32.74402741
1.275415	0	75.71406404
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1.514095	0.527185	1.487458008
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1.9691	1.271055	34.56706043
1.70275	0.7521	5.034299644

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1.964165	1.269155	29.90965803
1.90412	1.180815	13.24084242
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1.91767	1.2105	98.67145054
1.922085	1.210365	15.2692252
1.923555	1.21018	84.53352326
1.67945	0.834105	38.60659784
1.245345	0	36.07065705
1.26891	0	92.33754013
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1.92254	1.21612	19.65564747
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1.92122	1.211105	19.66786343
1.27128	0	45.38464597
1.268635	0	43.03127579
1.19741	0	40.56778173
1.618865	0.81126	43.89667702
1.65181	0.88375	80.68640261
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1.738595	0.97146	52.26541831
1.763425	0.997245	74.09177481
1.77329	1.03255	16.73060131
1.795785	1.05155	31.26711316
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2.17034	1.34836	44.73966959
2.169395	1.341475	76.53566278
2.17072	1.33819	5.720608769
2.16658	1.342615	115.3126349
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1.99154	1.21208	40.42198842
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1.723185	0.91999	1.038144041
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1.872065	1.099365	0.130204148
1.865365	1.10443	1.239066556
1.735855	0.88023	32.84701991
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1.32504	0.14399	40.68374416
1.67855	0.69823	61.98659348
1.29072	0	0.926376624
1.721715	0.83211	0.218140253
1.707645	0.8189	74.29896867
1.70301	0.62051	116.753661
1.691475	0.782965	54.01644143
1.676615	0.718725	68.82573517
1.79529	1.06397	82.75223253
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1.79167	1.05311	63.16390437
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1.930215	1.180695	77.47962741
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1.615175	0.81555	37.18821774
1.19029	0	22.4249284
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1.71485	1.0278	45.55440142
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1.64947	0.97002	45.26052182
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1.664325	0.9299	10.1236138
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1.263405	0	76.60077114
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1.208305	0	43.56298221
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1.23844	0	49.24276091
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1.2407	0	72.44190384
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1.504815	0.761845	25.90148691
1.11435	0	42.33703592
1.557005	0.786435	41.03148703
1.16456	0	29.57503135
1.744975	1.161015	23.66934463
1.80613	1.18834	35.81211539

1.75259	1.170865	30.51236923
1.75364	1.16661	14.63079231
1.800715	1.187195	45.3336142
1.16162	0	40.46108276
1.55673	0.789545	37.38977775
1.602195	0.868275	9.677552955
1.796565	1.18648	54.89368026
1.793835	1.18718	80.27545402
1.79171	1.18667	28.85391815
1.784125	1.17935	54.1114439
1.776845	1.171995	42.47064916
1.77256	1.169365	13.54735485
1.297535	0	1.41181706
1.827095	1.0843	335.9119195
1.84025	0.996485	196.7866093
1.74458	0.984935	74.41809084
1.19445	0	46.36171345
1.623695	0.825215	24.50622052
1.678745	0.902735	54.87341163
1.723555	1.001795	6.174252606
1.70834	0.94443	35.2223772
1.56534	0.799365	55.27217381
1.568425	0.78923	24.1130662
1.67754	0.87666	12.70153817
1.735205	0.91135	70.79297937
1.74756	0.92425	77.30742735
1.791545	1.029445	22.80140258
1.71731	0.94799	29.51355702
1.66963	0.90168	63.22882701
1.625705	0.824675	22.46104237
1.19371	0	12.06094146
1.82861	1.05506	51.21438773
1.86519	1.072935	15.02804036
1.874685	1.098035	10.71352879
1.883045	1.12489	46.15215032
1.916245	1.135785	24.36915391
1.930425	1.16954	36.66638766
1.929905	1.17001	6.14923542
1.736125	0.85131	38.68467731
1.298415	0	37.40024681
1.294085	0	38.40529331

1.82877	0.99687	66.44172821
1.825655	0.987375	29.39285557
1.828	0.977785	71.58918631
1.84766	0.987045	102.3871406
1.867475	1.033315	80.03876225
1.907605	1.046015	58.85325056
1.856595	1.05312	10.56360604
1.834385	0.98167	8.26780479
1.84208	0.99341	40.7982233
1.866545	1.03868	20.42561174
1.95918	1.1927	41.02652349
1.836515	0.915535	5.737203242
1.80754	1.02788	18.15758224
1.778385	0.98179	66.44288555
1.874945	1.050455	53.30260371
1.858755	1.01906	34.95615371
1.75654	0.806575	5.179473163
1.74465	0.74452	53.66275517
1.35553	0	86.11983036
1.747535	0.754575	7.839813743
1.30422	0	66.56700558
1.543945	0.538465	2.056884073
1.32688	0	42.98736693
1.291455	0	70.4604341
1.98462	1.084665	11.56557454
1.998755	1.13795	47.28877642
1.99204	1.128435	27.65270431
1.990955	1.143985	32.37414452
1.281155	0	74.19191389
1.792805	0.871615	36.14340999
1.33579	0	48.55041748
1.86427	1.03761	62.59808451
1.79852	1.00227	71.63573614
1.75983	0.966475	54.60698266
1.67177	0.900365	78.1834961
1.627015	0.81922	40.14893622
1.183815	0	61.56968936
2.019915	1.14702	18.52154402
1.988595	1.13218	74.79162534
2.150475	1.23036	170.8503464
1.98646	1.11866	86.24444394

2.169915	1.25898	81.53357634
2.185315	1.22898	157.0597788
1.283475	0	48.76540194
1.24941	0	53.26535348
1.804385	0.94885	1.795037721
1.759675	0.930735	27.10232023
1.7217	0.881535	27.60932097
1.67188	0.797315	1.296770118
1.79056	0.869045	1.610509398
1.86635	1.034075	51.44586925
1.90708	1.05001	34.97651431
1.91528	1.04139	162.2262267
1.82772	0.889885	74.80824461
1.777075	0.82296	68.55457384
1.59342	0.62333	7.81208819
1.80914	0.921165	107.6979125
1.75376	0.846305	71.67327739
1.24935	0	50.91185791
1.3879	0.24441	0.900734106
1.799205	1.06855	91.21108819
1.79552	1.063435	11.27434383
1.78499	1.039465	51.27405127
1.753915	1.021705	100.0429295
1.24723	0	65.06683359
1.88528	1.20426	24.61404197
1.899765	1.211455	48.10594944
1.917525	1.24072	0.683573625
1.936215	1.247765	48.71565528
1.73794	0.95864	8.426296621
1.73048	0.953495	19.20995996
1.76447	0.97044	105.4847453
1.80363	0.991365	22.47661706
1.88734	1.088655	19.20476451
1.910255	1.118905	80.93141709
1.92636	1.12736	89.71815636
1.896135	1.12326	60.70312629
1.88811	1.083145	89.57316931
1.865665	1.07511	89.26587095
1.81026	1.05542	10.88608287
1.77618	0.96649	5.925690808
1.734125	0.84818	54.05521076

1.27662	0	66.97573523
1.72482	0.910035	86.62865704
1.6684	0.827205	16.26201078
1.20387	0	61.44163792
1.26293	0	27.68107649
1.772075	0.96939	63.05817371
1.765505	0.854375	56.1669708
1.73653	0.938475	47.525598
1.320675	0	31.65018661
1.816	0.980415	33.69943843
1.754225	0.90485	68.46807993
1.854785	1.03905	22.14445871
1.84102	1.000535	11.2621634
1.782795	0.799395	0.337779647
1.89305	1.061875	26.37266847
1.3861	0	54.3272318
1.78111	0.78436	0.28835818
1.288435	0	39.49966303
1.697795	0.838375	61.68139924
1.26493	0	52.74942778
1.86219	1.01852	20.03150351
1.8687	0.98831	34.66306182
1.82852	0.990795	76.73518626
1.774375	0.952585	46.23887079
1.73658	0.90973	67.10234276
1.68899	0.838785	68.61741014
1.25347	0	23.67739536
1.94582	1.236685	72.92121627
1.948375	1.19452	24.58870937
1.37464	0	102.6245381
1.72186	0.90758	27.93413543
1.67527	0.832235	71.67566591
1.253025	0	122.6114364
1.853955	1.17368	100.5145489
1.795565	1.08778	9.178430239
1.829335	1.171625	56.21691279
1.73935	0.963015	0.495965372
1.789315	1.096575	15.78295665
1.798785	1.113175	42.69092073
1.80176	1.109335	9.37343285
1.675215	0.833865	16.41241002

1.73898	1.030795	38.69851464
1.745035	1.03348	0.49234307
1.24375	0	257.8439574
1.69331	0.98365	31.10856189
1.647245	0.940215	84.14843622
1.619945	0.919645	114.2271697
1.59888	0.907945	48.59882217
1.57216	0.88564	45.3884873
1.58379	0.87587	30.26152759
1.597685	0.89043	28.29936414
1.64352	0.934455	30.44667923
1.679805	0.961425	45.16377823
1.70021	0.97579	65.46921679
1.775335	1.01837	35.88441806
1.74949	1.005865	69.93700207
1.602845	0.78268	64.86241878
1.55429	0.73478	20.14438164
1.758625	0.95822	46.64095647
1.721365	0.84654	26.97699126
1.27453	0	24.07643452
1.823215	1.05148	9.838775621
1.794085	0.986345	48.88765861
1.836695	1.06367	28.41122951
1.877235	1.079565	43.97971176
1.73746	0.912875	18.67268698
1.695795	0.84074	31.97702537
1.24326	0	24.36925626
1.753805	0.84994	53.55993439
1.315075	0	63.74661764
1.740365	0.8153	32.8061029
1.704055	0.75085	8.321419995
1.379405	0.184	37.46816713
1.75595	0.81637	5.036744513
1.68296	0.622675	21.95346641
1.710785	0.68772	9.156613349
1.74179	0.75183	82.4747785
1.357145	0.135685	8.243985584
1.385485	0.24839	7.971715356
1.72511	0.643485	40.40075697
1.313465	0.133635	6.091143998
1.71564	0.77896	20.44737645

1.78541	0.78364	23.76423464
1.7378	0.715845	16.1823684
1.873305	1.09437	125.5004745
1.85551	1.087745	33.58295222
1.851265	1.06859	31.29328597
1.846645	1.04729	64.33604547
1.828705	1.03413	32.65150908
1.78496	0.921785	12.2441787
1.739535	0.84781	45.16895475
1.29998	0	32.87537194
1.745245	0.914175	15.16657708
1.68822	0.837	25.94503816
1.24083	0	26.79541638
1.305645	0	50.87281132
1.274545	0	49.53024998
2.00972	1.27692	87.62321073
1.991905	1.2753	58.08938689
1.98223	1.27697	58.72380741
1.98807	1.278745	32.75435182
1.986445	1.27227	5.517265716
1.581195	0.592265	5.124887982
1.9712	1.266235	18.46047032
1.977645	1.265775	88.39247248
1.982855	1.26298	1.049128801
1.68749	0.836355	58.35842845
1.22717	0	10.77190603
1.69654	0.83731	29.58240211
1.246605	0	52.10325656
1.36794	0.175395	3.359215485
1.72829	0.908265	45.72140887
1.68224	0.83565	25.87681619
1.247695	0	25.56198666
1.734335	0.888065	0.623107382
1.718045	0.842785	43.02350619
1.272185	0	43.94733913
1.246215	0	51.13599103
1.688105	0.8371	14.78440812
1.73849	0.909995	53.42176978
1.7891	0.95805	13.52825871
1.97329	1.22282	68.83022322
1.98506	1.22081	80.35515378

1.95497	1.220415	75.5152604
1.92934	1.21448	4.890472964
1.928475	1.212425	57.3119809
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1.82602	1.130945	74.23606069
1.9006	1.162485	55.37957767
1.84801	1.06702	171.37981
1.88075	1.15633	48.92659835
1.25575	0	143.3816341
1.81446	1.12987	69.53824535
1.80901	1.1278	15.5532949
1.79819	1.122095	44.86260144
1.7244	0.945175	36.87452287
1.694605	0.901745	53.97656742
1.65195	0.828205	22.27639912
1.218075	0	23.65216927
1.76223	1.089575	37.90612271
1.819565	1.0903	57.87712755
1.799635	1.079295	40.41983077
1.77541	1.066385	46.38610571
1.736395	1.04777	41.57189897
1.648415	0.88743	67.24165212
1.702185	1.026985	6.721632726
1.61443	0.81438	47.67685119
1.200295	0	54.24688744
1.66022	0.95153	53.19868625
1.64489	0.921915	25.56374366
1.601645	0.87001	47.59727791
1.562645	0.79882	44.87825657
1.15068	0	27.11286447
1.651535	0.9802	88.41995773
1.64932	0.985515	82.87326497
1.6438	0.97346	79.0172234
1.745035	1.094125	0.90212489
1.689265	1.014065	17.29192699
1.66682	0.98588	33.07698502
1.20659	0	118.6143067
1.19784	0	35.81315716
1.144315	0	13.46136842
1.56645	0.79573	16.7144018
1.60083	0.87129	21.12299675

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1.670245	0.957665	37.20521802
1.686385	0.983125	20.46838894
1.70045	0.996025	73.75035186
1.72422	1.039525	23.86981764
1.71462	1.01066	10.74752587
1.73765	1.074045	56.74265645
1.734925	1.05252	9.005313811
1.74164	1.076245	89.12754231
1.7455	1.07831	70.14240103
1.74999	1.08113	42.5560045
1.75313	1.084015	45.81747192
1.199975	0.14294	1.101268404
1.14894	0	88.33505547
1.563875	0.7962	4.078531744
1.16	0	34.45533783
1.62528	0.95111	14.56061159
1.58149	0.83477	4.064287896
1.644765	0.97496	30.56951032
1.670155	0.99507	16.38319711
1.68759	1.00828	100.2678278
1.37943	0.43246	0.286907371
1.702645	1.01799	36.34824186
1.76132	1.112775	13.37876853
1.75794	1.106515	48.20774468
1.63424	0.7691	0.770459214
1.20993	0	49.32460711
1.78121	1.128645	37.67492755
1.77761	1.12015	10.69228283
1.76408	1.112635	66.83999339
1.79155	1.132415	49.56050057
1.799795	1.13455	19.23461095
1.822255	1.141785	34.54132014
1.839055	1.150875	11.59560374
1.838205	1.149575	6.58648779
1.6138	0.883815	49.70751078
1.567535	0.83544	51.46650083
1.48912	0.746415	16.21618972
1.68456	0.943805	9.800174334
1.65314	0.90022	70.69093825
1.61472	0.825585	28.0825317

1.19437	0	43.98781872
1.689575	0.962365	32.45450067
1.70561	0.978745	25.11382882
1.728075	0.998215	17.45471567
1.771615	1.024375	45.81554434
1.788975	1.03512	80.76430495
1.80584	1.04126	59.73445615
1.828285	1.068285	8.556253998
1.81824	1.052575	36.43083545
1.219595	0	48.33223707
1.6464	0.823585	38.82703892
1.694385	0.90195	15.88411528
1.727385	0.94718	53.35377742
1.797715	1.007515	22.42089865
1.7843	0.987685	13.97572256
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1.968645	1.26502	34.33376769
2.00192	1.241935	338.0298352
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1.967625	1.263395	72.48568477
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1.97177	1.262285	84.96157776
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1.992505	1.225385	47.6609962
1.793985	0.83374	3.244071593
2.02714	1.2846	26.72018775
2.013025	1.261545	55.17231788
2.017895	1.26101	33.73754185
2.065955	1.33129	85.50231551
2.068475	1.329145	12.1466471
1.79935	0.98633	42.1755632
1.77552	0.95618	29.89735186
1.28357	0	77.67201632
1.730365	0.90976	6.88585546
1.252085	0	60.42635406
1.64773	0.713505	5.517984569

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1.464035	0.6778	28.49787192
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1.456065	0.671765	31.46171752
1.09085	0	32.17741863
1.097025	0	35.94057175
1.561905	0.916625	39.09041162
1.574885	0.93734	45.61368716
1.137565	0	53.35788393
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1.619625	0.997165	40.80290211
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1.64454	1.02608	50.51406942
1.652645	1.030435	73.93283816
1.66234	1.03586	47.84317907
1.674435	1.04024	70.16642012
1.67894	1.050815	122.7836779
1.66944	0.972215	1.499351947
1.55305	0.78244	122.2333332
1.153585	0	48.2698276
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1.7652	1.165125	54.54047163
1.7673	1.16475	36.68734207
1.766155	1.142805	76.3914529
1.76132	1.118	1.891952021
1.764355	1.13932	51.61508773
1.76418	1.13784	37.98995524
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1.78003	1.14487	66.50213753
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1.791725	1.15274	69.07103915
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1.82748	1.18522	60.16710347
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1.17446	0	41.96162211
1.17479	0	40.83109079
1.17306	0	85.56048825
1.22396	0	44.54905069
1.6507	0.824165	73.76548843
1.68815	0.89281	150.9913458
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1.229705	0	59.87888061
1.9145	1.22663	38.16768196
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1.615915	0.928295	71.55638598
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1.66787	1.069085	47.83383286
1.173155	0	91.48163449
1.661845	1.06284	34.98489904
1.643085	0.975425	54.92798607
1.622015	0.952905	21.623307
1.60789	0.93237	47.05608734
1.596855	0.912435	83.78382998
1.578285	0.880445	33.89056253
1.55412	0.840095	76.62367122
1.519625	0.76439	37.68066666
1.127985	0	60.58047725
1.612235	1.008145	55.4771131
1.604125	1.000275	57.8806027
1.60039	0.997165	18.98152786
1.598615	0.994595	85.64934604
1.161145	0	46.53325789
1.60458	1.000255	30.15728415
1.61422	1.01099	21.21855264
1.623985	1.021965	46.02189855
1.633905	1.031875	67.06825588
1.64032	1.03902	53.22976937
1.64757	1.046265	65.34768597
1.65654	1.055095	35.07477513
1.66364	1.062765	37.03590607
1.670075	1.068635	41.91907157
1.751345	1.155545	96.71764974
1.76672	1.17093	104.1563529
1.782395	1.180285	36.645817
1.784685	1.175945	61.74929699
1.68658	1.01802	102.7172648
1.66114	0.931805	5.554866797
1.2274	0.14902	5.596653807
1.64108	0.87262	174.2025387
1.606535	0.797025	56.46231281
1.206425	0	55.09880847
1.256595	0.15914	1.833357589
1.610915	0.86602	72.25818449
1.566355	0.786185	82.66472669

1.15923	0	34.69838661
1.74143	1.12065	32.47825923
1.65003	0.97532	47.20239332
1.638605	0.9596	56.24991673
1.623535	0.934405	9.349986101
1.59958	0.862905	38.4629365
1.567445	0.787645	37.6692133
1.16396	0	49.40159728
1.161165	0	55.17664632
1.73716	1.118685	62.37879476
1.73448	1.109295	64.20455485
1.732685	1.115065	19.59295962
1.549945	0.787135	26.43370834
1.14063	0	41.62849601
1.73251	1.10782	43.38544203
1.730355	1.10418	91.28256802
1.72664	1.0957	65.40372828
1.735295	1.126	42.68417916
1.72801	1.096245	16.36702616
1.73705	1.12643	56.72787791
1.74061	1.128135	81.26408985
1.74247	1.127065	39.44638123
1.74552	1.12781	39.66972809
1.751265	1.13042	76.33639773
1.757355	1.134385	61.44823853
1.76391	1.139955	104.3401326
1.767865	1.14408	19.15363989
1.773855	1.145195	89.35897708
1.600035	0.80774	78.78534055
1.18828	0	56.04634822
1.79209	1.15891	30.40546582
1.80513	1.166695	65.59438943
1.835685	1.19279	50.10256292
1.82608	1.175695	58.03121936
1.861515	1.202705	66.95835785
1.552735	0.71889	1.833689618
1.666965	0.95692	49.80282988
1.59884	0.812035	18.739603
1.64231	0.925275	13.14494145
1.168485	0	37.10557279
1.175795	0	81.5890778

1.66238	0.995605	78.90132979
1.67246	1.01158	37.99301042
1.67638	1.01277	67.08462747
1.678265	1.01274	21.91301352
1.68092	1.01227	64.39722542
1.685045	1.013165	74.05823087
1.69076	1.015385	27.79859677
1.66555	1.00908	26.55021189
1.67067	1.01257	102.7069583
1.666365	1.01225	12.8326446
1.673875	1.01491	48.26855166
1.65103	0.990295	40.37726298
1.683025	1.017935	70.77738132
1.787445	1.175485	67.02332669
1.64041	0.977755	60.27598151
1.608575	0.78553	58.3475612
1.627085	0.950275	27.94049373
1.58536	0.83038	3.269903236
1.201065	0.1474	3.52510649
1.17442	0	90.40784026
1.16342	0	63.14966508
1.552715	0.78335	2.105590656
1.56995	0.703665	56.32123438
1.32321	0.396975	84.03830044
1.389095	0.528095	113.0578687
1.54963	0.74285	58.84830922
1.58687	0.807585	42.46141974
1.62164	0.899605	8.872735073
1.63813	0.934455	24.92872409
1.654595	0.96082	21.04254857
1.179415	0	77.30196545
1.79381	1.18269	129.2829569
1.701725	0.964475	7.932276174
1.664205	0.924255	9.016447896
1.235125	0	93.73619319
1.599635	0.79784	69.50972413
1.195075	0	24.92799379
1.77436	1.165155	57.84376279
1.77142	1.164125	23.8540522
1.773675	1.151015	62.50546019
1.77046	1.1494	18.57799768

1.746065	1.13659	19.7850929
1.72012	1.090715	46.19213474
1.71965	1.099335	50.02115668
1.724135	1.124125	19.44472518
1.630115	0.937145	20.9356732
1.609045	0.90257	14.81244272
1.57296	0.850105	28.07879197
1.54173	0.773385	28.15649774
1.152355	0	35.08675702
1.20246	0	54.66217722
1.6572	0.94873	22.92248574
1.607165	0.796565	36.96754633
1.21718	0	64.9076558
1.58804	0.79078	30.00757789
1.192705	0	62.48424748
1.715115	1.084935	61.39892944
1.710435	1.06405	45.07632249
1.69463	1.050735	47.7239666
1.67224	1.033295	36.84727243
1.180225	0	78.19705091
1.643895	1.000825	13.02938528
1.63072	0.981735	31.30048622
1.586395	0.8535	0.855955986
1.59392	0.892565	0.7086799
1.57939	0.85276	31.3468958
1.551175	0.774325	43.49508868
1.504265	0.69172	29.64454692
1.136485	0	34.92272681
1.300145	0.22923	32.57405876
1.24778	0.28175	0.441840164
1.54899	0.776555	40.9391095
1.144965	0	40.24810068
1.182185	0	116.4471506
1.592975	0.78943	36.12438646
1.192175	0	113.0247619
1.74368	0.99445	2.033989822
1.75234	1.000115	154.3220692
1.72082	0.90889	17.51840164
1.66619	0.826845	29.99193129
1.228385	0	111.8937694
1.657185	0.822635	15.63621664

1.227435	0	135.5258343
1.90057	1.233685	27.90589351
1.895885	1.21251	1.361748559
1.72588	0.9129	14.757937
1.7617	1.022555	11.43779144
1.780525	1.063775	39.18119549
1.68089	0.833265	30.91596436
1.241735	0	59.97197365
1.2354	0	31.94720729
1.653625	0.82549	84.34419308
1.679235	0.90625	33.68783079
1.6476	0.870995	79.06006778
1.602025	0.825175	90.00737067
1.57389	0.774605	41.3581595
1.57197	0.758795	78.47318049
1.59353	0.77151	31.24801303
1.65179	0.83957	63.61946311
1.70491	0.88638	40.34269916
1.764095	0.92524	63.25446956
1.80229	0.950365	113.6054623
1.813505	0.960825	73.84118214
1.838125	0.982095	20.7997554
1.88385	1.094125	37.1244837
1.16758	0	48.13674809
1.193035	0	27.62695856
1.627335	0.881245	32.20798299
1.655675	0.92626	80.71134476
1.67496	0.980895	11.75830654
1.694435	1.00314	41.46775011
1.706455	1.03449	20.77995024
1.73368	1.05254	56.28476901
1.76741	1.07129	13.64998309
1.7753	1.09324	18.42743343
1.79752	1.101425	82.19694586
1.846985	1.11664	30.22463062
1.179075	0	25.21879841
1.187205	0	34.75166138
1.629395	0.86144	117.0436939
1.223075	0	45.76258658
1.644935	0.824925	37.49220895
1.675705	0.890065	9.083436518

1.27623	0	70.82438652
1.736075	0.963605	21.01833518
1.75292	0.98706	61.06512215
1.77935	1.006975	34.17380138
1.253815	0	39.11027088
1.676755	0.82248	218.4036558
1.755765	1.0024	7.490247614
1.721045	0.89609	55.22325778
1.78782	1.026455	93.50092354
1.825065	1.043865	36.47991344
1.643455	0.82141	14.27522435
1.20968	0	127.5368232
1.23203	0	42.79880317
1.67196	0.82963	56.92983479
1.7131	0.90388	74.80615328
1.766245	0.95539	23.70001195
1.83482	0.99692	90.74567149
2.076745	1.28595	30.80676467
2.087525	1.28335	127.8840137
2.09794	1.296535	28.28812458
2.0066	1.290795	44.19121159
2.03325	1.28841	48.63833529
2.057785	1.28811	146.3459637
1.98496	1.284785	63.01510777
1.978035	1.28645	200.1944567
1.95754	1.280025	32.16680724
1.96874	1.282315	82.35046257
1.982045	1.289215	81.93329702
1.319915	0	163.6999089
1.99895	1.165845	96.52463287
1.97893	1.16724	54.80479614
1.95083	1.19723	98.13836226
1.932415	1.1545	20.87866414
1.88438	1.18319	133.2670804
1.90359	1.14431	262.2282262
1.879245	1.19302	27.37780341
1.8847	1.19796	32.1394342
1.843405	1.180215	134.2794051
1.82293	1.176725	90.31017193
1.810975	1.17396	51.96983113
1.803605	1.1716	85.88331892

1.795095	1.16713	67.11531686
1.894585	1.188445	122.5665082
1.911875	1.125155	86.58048795
1.91291	1.190865	15.84046835
1.921825	1.123985	111.8835692
1.92629	1.118095	196.9734364
1.924865	1.120425	12.8820432
1.935715	1.124915	157.7486165
1.925785	1.158815	49.56309498
1.94754	1.128495	226.1054335
1.93389	1.15854	107.9134678
1.95443	1.16	66.61538881
1.79071	0.95502	27.5737493
1.766895	0.95068	2.104857622
1.959265	1.134725	30.57622177
1.968445	1.146485	6.287446706
1.973365	1.15615	11.57325918
1.965135	1.2119	55.15198003
1.966435	1.21409	21.33567732
1.97144	1.215315	63.98845404
2.003335	1.224025	22.99392509
2.00464	1.24031	50.50559436
2.003965	1.23777	79.18881728
2.010945	1.22618	110.394897
1.744455	0.84902	38.13875948
1.2728	0	39.1422425
1.80103	0.979435	61.81554558
1.756785	0.950045	12.1194319
1.7211	0.85749	0.416332619
1.67616	0.79127	0.382883717
1.72501	0.87014	75.09074476
1.65096	0.74591	0.447304874
1.28038	0	85.83706485
1.73658	0.883095	47.35703976
1.76685	0.918145	71.4019419
1.78977	0.94691	68.40703398
1.814475	0.969535	50.04250774
2.05015	1.240345	132.2014562
2.025325	1.239495	64.67309396
2.021035	1.230095	25.33546614
2.01994	1.228635	125.177213

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1.874715	0.851505	16.93322742
1.931705	0.95282	2.684851132
2.046855	1.179615	31.30700415
2.067315	1.247475	83.17893301
1.910165	1.0712	18.12267804
1.986985	1.09001	58.37091775
2.21436	1.380975	9.834174855
2.063685	1.24476	20.90802474
2.00639	1.139015	188.0676205
1.806305	0.86436	2.480654225
1.898975	0.91061	38.79290023
1.94608	0.985	93.73586835
1.89582	0.90622	171.489797
1.96087	1.14607	36.70450459
1.970875	1.179275	4.179046638
1.981175	1.193955	66.08214598
1.2706	0	37.21822103
1.729065	0.841125	48.36803665
1.78794	0.99171	1.96528081
1.316895	0	2.634586755
1.807575	1.02032	37.77645374
1.83807	0.9621	109.2794583
1.66559	0.828975	33.99595418
1.326395	0.10968	0.910240215
1.241555	0	31.20960937
1.79726	0.91982	18.91120436
1.73223	0.84223	56.71972297
1.260005	0	30.73158277
1.29669	0	71.07458194
1.94674	1.142125	33.84172434
1.912445	1.12291	20.35102897
1.91497	1.131355	24.94744077
1.8931	1.11398	16.55273301
1.87168	1.10442	58.94838678
1.85655	1.09643	21.74902854
1.833225	1.075035	15.5580353
1.841805	1.088825	31.93377149
1.67682	0.846785	54.67408899
1.645135	0.812	47.48138292
1.62423	0.79032	74.98996959

1.79885	1.044965	4.556183065
1.81191	1.059605	67.91669763
1.780865	1.04667	70.58580012
1.60296	0.72568	5.042616479
1.69667	0.958145	0.164062489
1.74675	0.986195	58.57222889
1.73082	0.9634	41.55936876
1.71369	0.934595	61.64426618
1.68842	0.89448	25.22807016
1.24877	0	60.7516299
1.230645	0	86.85157021
1.662725	0.77368	1.025447244
1.25339	0	83.462629
1.64479	0.828475	74.98307055
1.67923	0.86644	101.9972105
1.29924	0	154.9290513
1.718835	0.81043	4.016755424
1.639935	0.87611	0.607739625
1.72074	0.96983	66.08822365
1.72844	0.974315	63.84122079
1.730615	0.980225	68.51313688
1.96708	1.17488	36.02923131
1.88424	1.118405	4.994474692
1.898925	1.132725	38.06412091
1.917245	1.15518	15.26211582
1.847625	1.10406	46.87141813
1.512065	0.581565	6.44771517
1.78017	1.030475	20.32851751
1.81967	1.09049	53.51491678
1.83384	1.09937	21.15602394
1.75304	1.01183	53.63265306
1.73927	1.002875	19.39516873
1.7263	0.98376	82.0978478
1.68997	0.886115	113.833172
1.68506	0.8591	0.33631005
1.66708	0.85838	62.72979716
1.641855	0.820995	45.18703681
1.615085	0.784215	26.92843854
1.58604	0.74717	76.7878175
1.577305	0.737125	36.00503122
1.617225	0.788045	97.47088858

1.65946	0.843495	70.65442677
1.254005	0	67.80885237
1.720115	0.937965	35.31516514
1.6759	0.89206	15.13947787
1.627335	0.819805	17.46739775
1.202275	0	27.08386612
1.79352	1.002255	15.99912007
1.75772	0.97374	27.11761489
1.720845	0.93643	27.70232366
1.672595	0.88775	39.14769996
1.62134	0.8138	33.07585552
1.19038	0	39.54417717
2.03539	1.15006	168.2415515
1.92821	0.889055	157.6318623
2.058975	1.1601	131.7136224
1.951235	0.87878	112.8186354
2.053045	1.161005	17.89137744
2.029885	1.156155	102.5950677
1.946225	0.88001	122.7343684
1.94133	0.778325	11.21285762
2.027755	1.15782	195.5655161
1.893695	0.747515	197.6436306
1.95297	1.01545	8.669431113
1.986835	1.14892	97.1048655
1.70227	0.783965	8.098267659
1.57276	0.379945	1.991683554
1.98325	1.04496	97.2579907
1.88265	0.91612	4.143650637
1.848585	0.75257	32.19954798
2.19955	1.379155	17.30549262
1.816585	0.73411	54.99981383
1.995805	1.138965	9.872484459
1.983035	1.117695	2.367863864
1.991195	1.15682	6.251466134
2.01317	1.17304	18.11234839
1.85889	0.77586	4.993267881
1.90017	1.203535	35.83962413
1.83992	1.03221	1.824220078
1.848445	0.987625	0.738026265
1.872865	1.198045	88.0189504
1.866915	1.18482	33.34900217

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1.73978	1.03133	81.70645368
1.71335	0.982175	83.48483512
1.231975	0	2.171518807
1.703565	0.97249	124.1267861
1.23398	0	126.065493
1.6887	0.937485	2.109963033
1.25365	0.11697	0.134270511
1.605665	0.80839	77.47647094
1.569975	0.73048	61.49318685
1.316655	0.34806	74.78221834
1.35919	0.43413	70.06452259
1.57485	0.75466	23.89465544
1.617815	0.826985	42.91154579
1.83555	1.175515	44.70784841
1.819095	1.178485	100.0870411
1.818275	1.1881	39.64662594
1.80228	1.18253	9.940392776
1.792445	1.152005	27.30416159
1.77888	1.14858	47.06151349
1.76383	1.14484	36.40615977
1.758775	1.14614	32.94810955
1.7515	1.1445	101.4046767
1.743305	1.14315	38.56756202
1.732105	1.13797	29.51840909
1.719015	1.129915	52.11431518
1.71459	1.12759	38.71104029
1.708475	1.12299	31.32309014
1.700515	1.121495	31.50729987
1.695055	1.11732	28.81975056
1.673085	1.080495	53.33277299
1.68704	1.113335	17.68292513
1.630585	0.9736	13.52086725
1.66675	1.072795	31.64628579
1.613235	0.946965	25.09464945
1.593315	0.91633	18.00471612
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1.527585	0.772135	26.26905081
1.123905	0	60.00657613
1.59144	0.902685	70.37883226

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1.529525	0.77969	27.44252168
1.12307	0	31.55322924
1.563605	0.85583	37.32491768
1.530655	0.78097	24.25603616
1.122795	0	35.03626118
1.62057	0.959675	65.1893627
1.59567	0.928875	48.24069518
1.53357	0.780275	24.51076854
1.57601	0.895235	52.47135245
1.12478	0	56.16825615
1.122815	0	75.4558272
1.707405	1.04477	29.6468982
1.685685	1.03337	79.33140473
1.67429	1.02845	50.82275493
1.66622	1.016855	27.20556167
1.575375	0.79896	16.71846939
1.62943	0.942985	53.81517682
1.649455	0.99783	10.11585163
1.56452	0.794155	73.30996664
1.15365	0	70.14113841
1.56179	0.794245	57.75436507
1.15058	0	52.07628732
1.161495	0	97.31214739
1.936205	1.13066	269.2372006
1.98581	1.166995	20.50325825
1.97892	1.12699	48.65597192
1.96649	1.095395	97.80805686
1.98178	1.059745	290.7840296
1.936055	1.135195	291.3707526
2.003525	1.187355	47.85959341
2.00192	1.14931	66.56471459
1.99333	1.12278	101.3849225
2.01927	1.0865	279.620754
2.062035	0.97329	466.3001525
2.11167	0.99816	421.9549549
2.10071	0.92886	579.6045029
2.11147	0.954185	561.4622542
1.969465	1.050065	476.9106107
1.99794	1.073145	474.7070414

1.927435	1.086785	93.12455985
1.930995	1.115825	125.7272136
1.947785	1.108935	94.12075061
1.94444	1.119635	108.4173742
1.67774	0.83972	37.44109606
1.79853	1.031	15.53719328
1.788915	1.04646	22.91803319
1.24316	0	28.7190715
1.836605	1.041855	1.943376796
1.8466	1.082355	135.5579969
1.83502	1.04848	86.02258271
1.59753	0.77281	1.945981716
1.7426	0.925965	0.620865823
1.72642	0.908615	28.67480078
1.66968	0.83218	76.83570901
1.24189	0	31.175391
1.807545	0.964595	84.55258395
1.762895	0.8616	16.72541911
1.32597	0	50.57868515
1.772485	0.896235	26.40921476
1.750595	0.78484	7.826455485
1.83997	0.994365	11.78255268
1.85668	1.023565	13.27974865
1.80874	0.92588	19.93909823
1.361	0	26.25065681
1.751155	0.794475	6.513268996
1.32354	0	26.98666009
1.71999	0.84637	35.64027699
1.27801	0	27.35619819
1.78783	0.85869	10.48590026
1.818555	0.93149	10.34391294
1.333675	0	61.53065648
1.796005	1.036535	81.96765429
1.759015	1.01817	69.57870115
1.790765	1.035745	35.19595569
1.795255	1.034035	51.24804459
1.568175	0.847925	29.76131685
1.53727	0.77785	44.62796635
1.12301	0	26.18410433
1.255945	0	68.01438227
1.738435	0.98527	61.86140805

1.71229	0.961755	27.80221076
1.679205	0.92608	44.46723627
1.64455	0.87959	41.70048902
1.610685	0.810165	83.36368988
1.183815	0	74.90280541
1.796625	1.02927	74.43893083
1.817335	1.061735	23.97738393
1.82031	0.98671	33.10282364
1.861815	1.11234	99.06757707
1.77283	0.952695	67.77310322
1.75786	0.917335	8.796171372
1.705215	0.79693	97.1571286
1.536875	0.561805	43.05349844
1.71546	0.84302	53.6528322
1.284635	0	51.64512817
2.00497	1.27814	13.26064554
2.010285	1.287495	45.24901756
2.00922	1.279685	3.044508388
1.685325	0.75472	14.70673339
1.982	1.269925	39.84541685
1.98107	1.270525	5.24311725
1.72854	0.84348	56.69947155
1.30194	0	55.63153899
1.691465	0.839675	25.78255922
1.240255	0	47.45389542
1.96752	1.269545	12.24674145
1.965925	1.267055	49.77241039
1.30545	0	114.444433
1.96019	1.26583	9.145163331
1.95968	1.268615	35.1822194
1.943415	1.261345	37.92354186
1.9417	1.25986	8.638547286
1.941635	1.258	5.398922901
1.93312	1.23745	107.6273753
1.93866	1.245855	87.67387376
1.287675	0	50.84831679
1.76372	0.9773	9.742200995
1.70899	0.90047	50.44423053
1.662975	0.82838	46.15689176
1.229685	0	73.45270615
1.787945	1.05965	73.62218744

1.782185	1.056365	62.84697489
1.729975	0.90868	9.04649106
1.672975	0.832775	50.11951912
1.232335	0	23.55848707
1.6949	0.837035	42.02457801
1.257605	0	45.33467308
1.285795	0	66.74323724
1.931515	1.25045	94.74442183
1.93097	1.247945	37.15761408
1.926275	1.252085	99.65383197
1.922835	1.252515	36.14767845
1.92853	1.26984	25.02090837
1.925115	1.26857	37.35173962
1.916625	1.26437	34.76716678
1.902905	1.25398	46.82599071
1.90661	1.25847	39.26135905
1.91206	1.2626	56.61994767
1.92278	1.26977	3.609064113
1.914165	1.26978	49.24084362
1.937185	1.279025	10.77984632
1.92577	1.273765	47.13238881
1.92013	1.27145	8.758245516
1.719645	0.87236	6.392139706
1.80713	1.057295	64.03995347
1.938345	1.28817	103.8926108
1.94919	1.26581	113.3023202
1.748145	0.996715	11.1370906
1.764825	1.039275	30.06589423
1.736105	0.99063	27.94163638
1.251675	0	82.24324961
1.696285	0.836155	61.76947736
1.740355	0.98107	121.9937052
1.68169	0.894655	20.51996761
1.63761	0.853475	67.00318495
1.609905	0.819145	53.80260009
1.622155	0.841895	40.60380845
1.606615	0.81058	66.64666825
1.455975	0.604935	24.25010653
1.59768	0.776715	31.93609555
1.644075	0.8432	41.52642652
1.65219	0.88197	33.28214893

1.72744	1.024175	14.25223907
1.70119	0.97724	39.1751631
1.663885	0.940315	37.93165208
1.64147	0.898215	29.47026348
1.588995	0.81852	19.66460042
1.1765	0	42.58476407
1.73463	1.035285	71.24314995
1.7499	1.042725	60.63247829
1.772455	1.105465	37.54118988
1.735825	0.992505	72.43209521
1.73673	0.99752	70.82561753
1.740915	1.003505	23.85116553
1.804875	1.12679	14.31525264
1.68677	0.995195	43.39458117
1.63853	0.888075	19.85282312
1.67287	0.978485	53.20754215
1.604415	0.816495	72.14027963
1.18017	0	40.42174674
1.586975	0.81183	25.07016718
1.16772	0	57.01974391
1.805565	1.130085	84.15261906
1.7999	1.129525	99.70714975
1.79801	1.13083	20.39785727
1.82271	1.13998	10.76796471
1.71368	0.906405	28.87861258
1.677795	0.834375	25.08413719
1.224125	0	116.5192635
1.275045	0	111.5033043
1.798765	1.1472	11.95371298
1.77925	1.135915	22.53880778
1.76595	1.127055	93.74661286
1.755875	1.120745	30.3805114
1.73597	1.10107	15.20538248
1.728465	1.09592	36.31152299
1.723435	1.091725	16.03521667
1.722075	1.09032	71.17556123
1.7233	1.09043	22.15298607
1.70986	1.067435	4.452423503
1.74257	1.1099	4.84132844
1.74731	1.11425	58.39323215
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1.645865	0.88099	58.82762811
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1.192515	0	91.58757434
1.66338	0.92111	34.94583304
1.685635	0.953855	4.912439684
1.643225	0.881885	69.11284469
1.599875	0.810595	51.1958748
1.183885	0	64.96968218
1.6661	0.91953	20.49770297
1.644995	0.88117	88.71342447
1.61222	0.81438	33.5010742
1.191045	0	41.46259653
1.630165	0.833025	3.464567697
1.711985	0.90769	39.47141215
1.667345	0.833435	14.61182129
1.226175	0	52.56709476
1.691575	0.89802	23.73404222
1.638235	0.85426	6.554989355
1.597385	0.794875	15.54371144
1.43867	0.599215	25.65890718
1.45547	0.60097	33.33804717
1.60921	0.7793	46.42237064
1.67914	0.93499	7.907277975
1.711995	0.968585	74.59307183
1.540515	0.68434	2.114687084
1.765725	1.001495	37.78227564
1.598925	0.815675	50.07666173
1.175845	0	52.52561364
1.875975	1.21982	32.02051156
1.869575	1.198665	3.129314726
1.860445	1.180775	9.77640609
1.844945	1.144265	60.38888552
1.528545	0.633	11.31958987
1.79995	1.064845	64.15348183
1.78206	1.027405	1.50034331
1.769925	1.008705	0.547315359
1.75371	0.97432	81.61314442
1.738845	0.94778	69.39912656
1.723805	0.90777	43.74516799
1.6863	0.831815	110.965136

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1.83135	1.11694	30.90260724
1.819995	1.11278	91.30846931
1.79412	1.059275	66.92276472
1.78157	1.01519	21.26470375
1.66536	0.83062	14.61741558
1.22798	0	89.30409492
1.761805	0.989385	40.54941665
1.708855	0.948595	10.4568348
1.66353	0.896725	17.5679113
1.6015	0.814265	11.57618043
1.179585	0	20.90572098
1.75401	0.982715	49.52652213
1.73016	0.95241	63.82082533
1.704745	0.9081	28.11577281
1.660315	0.8316	29.41791424
1.23556	0	62.40289773
1.79911	1.104405	158.8319971
1.778125	1.09485	48.64198889
1.76046	1.08714	79.60114786
1.740265	1.07705	51.69277517
1.72714	1.067285	7.143111894
1.711855	1.052705	31.87416335
1.691945	1.03713	74.59816997
1.672405	1.01792	13.02472593
1.666075	1.011675	34.61584606
1.66296	1.00792	16.98331756
1.198135	0	106.8371518
1.169485	0	41.18872148
1.60054	0.81396	28.8504177
1.64436	0.886625	29.35558941
1.67546	0.93099	71.50197872
1.694745	0.96033	42.40932021
1.76678	1.133805	14.33360684
1.780625	1.14848	23.90081136
1.742335	1.071695	24.63101179
1.69685	0.98842	48.29611535
1.677645	0.966585	32.3223273
1.65663	0.941445	107.4870552
1.59105	0.807895	17.86808783
1.63462	0.9149	90.24420279

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1.15604	0	76.83428142
1.67397	0.869675	2.700799363
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1.22392	0	69.72273473
1.741915	0.839435	77.19878097
1.773	0.94965	72.52899205
1.783255	0.990405	133.2125767
1.76499	0.99429	5.657671749
1.75618	0.977815	8.23035553
1.60785	0.74265	3.531836192
1.27289	0	45.63222072
1.266395	0	59.95345941
1.28526	0	38.44201706
1.690805	1.020055	22.31590204
1.695245	1.02618	2.876228909
1.6804	1.009045	25.31157324
1.661675	0.99645	29.6832691
1.650905	0.990255	71.48671887
1.632875	0.95859	1.571875876
1.67683	1.01683	70.44929879
1.627545	0.831	1.211124999
1.68646	1.02734	68.51361302
1.70557	1.015065	43.6008425
1.69585	1.03825	26.63257894
1.57389	0.794905	1.168663359
1.602935	0.79531	49.62062634
1.186705	0	270.6089355
1.712375	1.017635	120.7580513
1.71879	1.019385	97.32147744
1.73739	1.01102	54.74382069
1.631335	0.87394	43.2651217
1.598825	0.800855	152.6633725
1.1893	0	43.51506532
1.866825	1.09022	8.421248013
1.895225	1.173655	188.4453288
1.231445	0	61.34799416
1.675185	0.8295	46.75813584
1.704935	0.89227	5.654301959
1.772605	1.02816	28.26881151

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1.805145	1.06415	9.156185983
1.82099	1.099165	5.684560705
1.71468	0.897685	1.955961328
1.685725	0.831305	36.83880514
1.249135	0	108.2437335
1.75711	1.023115	66.39553787
1.67018	0.826695	46.72207499
1.2392	0	47.57870134
1.786955	1.054165	39.78342738
1.741885	1.010965	36.4964314
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1.68201	0.958765	26.38470632
1.662185	0.92804	15.73348693
1.20619	0	44.22116754
1.594095	0.811355	40.35283398
1.16814	0	43.00881857
1.227255	0	49.6151705
1.535215	0.72224	1.395312199
1.752725	1.075605	80.2503571
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1.65733	0.92468	16.80475965
1.630355	0.87754	25.67105255
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1.68744	0.909005	30.77932735
1.48548	0.632945	0.296967489
1.644435	0.83427	45.38095057
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1.284365	0	91.01413097
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1.652375	0.867495	0.397909662
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1.178415	0	30.70363095
1.215355	0	28.99878464
1.252245	0.181705	0.360198959

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2.0021	1.17452	457.1310054
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1.263545	0	178.7596593
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1.977995	1.185535	109.1708105
1.96913	1.116675	83.53166475
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1.931795	1.13316	50.25165028
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1.737985	0.92394	117.7893546
1.81804	1.022515	92.65584924
1.945155	1.14166	89.49465677
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1.99637	1.27481	33.75941062
1.9908	1.29721	15.31089272
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1.931915	1.25621	1.920379403
1.93206	1.266015	10.2245603
1.85108	1.050175	95.25209008
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1.72278	0.912535	108.8002687
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1.95503	1.15107	37.25478575
1.97587	1.087715	473.2992256
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2.239855	1.29849	59.13457733
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2.260835	1.27213	118.3828237
2.251865	1.263045	100.4139471
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1.98813	0.752965	15.82911383
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1.93622	0.921545	37.79658674
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2.138885	1.05033	105.5717163
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2.29283	1.338485	0.258673869
2.28992	1.342245	132.0923806
2.28355	1.331105	155.4874422
2.315335	1.334925	18.04808775
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1.957825	0.66244	2.657067942
2.20462	1.33887	40.54142553
2.22914	1.344885	54.10056017
2.239545	1.34957	70.5984194
2.23833	1.35071	59.27768803
2.230225	1.350665	145.0217995
2.227155	1.35191	40.96984673
2.221215	1.34873	0.127534309
2.218795	1.346295	64.0163229
2.20463	1.29753	205.7619584
2.21463	1.22455	27.26115863
2.25475	1.25083	435.8916167
2.203865	1.223345	274.83372
2.078315	1.28791	44.86996795
2.13838	1.389475	241.5572717
2.171595	1.39551	53.73145189
2.180155	1.393725	4.399773489
2.190245	1.396475	48.11562945
2.204075	1.356015	167.7623976
2.229365	1.342205	26.50415382
2.2168	1.25552	24.67923537
1.84456	0.857355	37.22555828

2.11805	1.355605	66.9729282
2.11525	1.348375	6.322664126
2.122835	1.3471	48.6729776
2.129945	1.34346	10.92637597
2.138315	1.342775	53.7320906
2.141955	1.341245	18.01313491
2.14819	1.33823	32.45322114
2.14528	1.337925	72.48424044
2.219785	1.33973	550.6787814
2.20675	1.34468	0.311265561
2.18883	1.339325	164.9861636
2.15016	1.330975	43.32813751
2.11638	1.336185	108.5190709
1.92443	1.132105	32.35388651
1.853915	0.76502	4.117817669
2.20969	1.362735	34.87825548
2.179485	1.362735	69.4857492
2.164485	1.36419	275.8611476
2.183005	1.36318	14.46596541
2.169915	1.363665	219.6575633
2.157935	1.35921	12.07973018
2.156495	1.36788	2.639284637
2.145845	1.3685	198.9280775
2.1184	1.35438	58.43500703
1.870335	0.74833	5.987835337
2.169475	1.27382	51.33423899
2.249925	1.296525	541.9483408
2.242155	1.311825	207.8368438
2.197685	1.28999	6.685492223
2.24089	1.302675	101.2451496
2.205185	1.329055	16.47386632
2.22156	1.386545	36.16548346
1.84474	0.7383	9.11560189
2.028335	1.15722	289.8520704
1.81712	0.951745	17.61569284
2.017905	1.11112	27.32600215
2.07683	1.259045	305.8179654
1.134305	0	61.15927544
1.531145	0.77713	17.50385409
1.572465	0.887885	35.2526505
1.13576	0	60.14478673

1.53376	0.77854	12.04795992
1.602765	0.958335	23.98460579
1.613205	0.984245	55.25190441
1.117285	0	98.54428407
1.11707	0	63.39562335
1.131445	0	81.03852757
1.55876	0.847405	73.11368917
1.52953	0.77513	32.25383032
1.62937	0.99858	15.92514333
1.65305	1.0456	20.94694327
1.640665	1.012455	25.59684031
1.598485	0.9132	25.3114693
1.57981	0.875875	21.0526841
1.140895	0	58.04188284
1.55312	0.82296	36.40087726
1.25872	0.331425	80.92460698
1.276635	0.374885	14.10036386
1.12062	0	77.47643455
1.53108	0.77522	19.0006471
1.565115	0.851955	68.42151753
1.60078	0.927965	16.08450867
1.15031	0	14.50823777
1.616585	0.950765	53.08351698
1.63235	0.9839	29.82897595
1.62527	0.964575	26.84318664
1.63741	0.988595	74.82534774
1.69098	1.11874	66.92358584
1.662155	1.049665	13.70850729
1.645305	0.997165	56.20060601
1.700545	1.124765	29.92900798
1.715145	1.13185	35.84063979
1.72278	1.13695	14.67850911
1.73681	1.14578	17.71974603
1.154855	0	121.4286338
1.56457	0.78999	49.11133922
1.603075	0.867435	30.87478785
1.66643	0.99959	11.55263066
1.633875	0.916605	17.82215634
1.68017	1.01699	37.12445558
1.592845	0.853845	82.77445339
1.5625	0.78307	132.4228784

1.158415	0	48.8543751
1.261265	0	80.39311588
1.681195	0.83586	26.56746118
1.71482	0.91005	46.8452228
1.739885	0.954675	51.84872803
1.181045	0	48.11844798
1.612765	0.81807	4.359530087
1.668615	0.89756	23.93947253
1.71831	0.94928	16.24907589
1.76661	0.98923	41.4100155
1.79653	1.018095	9.947820115
1.82462	1.09117	20.12112335
1.75028	1.014185	2.437106828
1.21459	0	116.7749989
1.717305	1.05872	55.58385491
1.624405	0.814405	42.61079649
1.7761	1.188925	69.24372911
1.72405	1.06598	31.22172059
1.78258	1.191635	53.11456928
1.797705	1.198545	44.16385119
1.815915	1.206025	42.71884536
1.83724	1.21431	49.88034622
1.848015	1.216325	59.35444663
1.87976	1.226795	37.15234301
1.89098	1.226915	81.53997137
1.63688	0.92019	26.94938165
1.19105	0	71.33493434
1.583945	0.80482	23.25654013
1.17011	0	26.04759664
1.662875	0.97539	11.04063771
1.19559	0	12.60519982
1.36909	0.43198	0.108543172
1.68526	0.998465	30.70621912
1.722815	1.030385	0.090244668
1.745675	1.09237	27.71406824
1.167595	0	31.62066058
1.597555	0.80942	13.15537501
1.64437	0.8873	41.83490756
1.6681	0.93099	17.70130996
1.67853	0.95899	0.133859031
1.190435	0	60.02660645

1.63226	0.901345	50.53626781
1.598645	0.81964	25.4896796
1.56715	0.76753	74.26534208
1.40264	0.58033	57.01005501
1.592135	0.85901	67.75183636
1.395985	0.572145	8.631506061
1.16028	0	57.0701532
1.661145	0.938525	26.07738923
1.690765	0.970375	25.03430611
1.71908	0.996555	52.54825924
1.73833	1.01807	18.36373742
1.788125	1.14578	73.40017665
1.799665	1.15001	89.19629914
1.80736	1.153585	171.0474891
1.461755	0.59972	3.010618982
1.826985	1.161325	4.030311086
1.842345	1.203195	34.57345055
1.760145	1.05432	21.11114386
1.764475	1.06215	2.705634654
1.725295	1.032255	29.52603361
1.62595	0.908035	17.30926698
1.6507	0.944245	23.37289526
1.672475	0.972475	36.34267075
1.693775	0.996335	28.19115901
1.713655	1.01732	34.99468884
1.224515	0	54.51800639
1.64308	0.81812	33.80229184
1.681495	0.888315	131.9615626
1.598675	0.80435	27.77719367
1.557205	0.724385	24.51689443
1.169685	0	11.49519727
1.16673	0	33.24763494
1.55069	0.720465	22.89802471
1.6168	0.84794	2.938000823
1.64316	0.92041	71.53414768
1.351645	0.400365	0.154342508
1.72931	1.03578	50.51568849
1.698345	0.930885	15.75320308
1.665035	0.94005	15.92451563
1.21605	0	42.84662579
1.67026	0.91302	0.08457878

1.635625	0.81788	8.502816198
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1.777445	1.10379	28.44468128
1.762165	1.096905	52.15185695
1.755295	1.092595	31.0485358
1.741845	1.048025	0.191688549
1.26209	0	71.4920481
1.74773	1.017505	44.15656848
1.68011	0.825915	112.8234354
1.24848	0	83.00861946
1.65963	0.822325	14.19398205
1.66489	0.93046	23.51410225
1.630725	0.881425	32.80998829
1.594575	0.802855	14.95680127
1.1778	0	96.7585885
1.22603	0	35.69397813
1.654395	0.83439	31.38423474
1.730425	0.93331	14.73258585
1.772955	1.070505	42.53993721
1.76216	1.034235	50.4874192
1.77587	1.072885	72.79728753
1.8077	1.086195	40.37921842
1.83551	1.09403	73.7652663
1.866235	1.181675	31.86130579
1.14631	0	47.06653664
1.54868	0.787445	41.67922208
1.58911	0.864885	8.593763068
1.620095	0.91181	63.68010007
1.63654	0.94005	12.52141723
1.658255	0.967975	13.77228182
1.68371	0.994375	7.960720433
1.19198	0	23.17228745
1.17653	0	41.85144364
1.589005	0.804425	17.321142
1.611445	0.812975	10.90430735
1.66395	0.955935	12.51205891
1.710985	0.99157	17.32769787
1.74488	1.08661	9.608229028
1.757725	1.09655	33.39156957
1.79008	1.110925	10.67909046
1.803105	1.145895	19.82319218

1.871535	1.18493	17.53744063
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1.601585	0.808385	40.309178
1.63123	0.879525	24.8713051
1.675495	0.93081	23.36928987
1.693325	0.961345	44.82947552
1.8914	1.230485	148.2867877
1.92187	1.28066	16.23789288
1.89926	1.23073	44.90124914
1.932585	1.28454	47.32833457
1.1869	0	66.30782821
1.600835	0.81424	39.12535412
1.658425	0.8943	15.17623139
1.70698	0.945835	22.15844936
1.759335	0.9871	11.00685312
1.20556	0	57.38536282
1.252255	0	124.3199132
1.664915	0.888875	83.29377036
1.67948	0.935975	64.89556302
1.713865	0.975055	37.53480766
1.747495	1.011515	45.03734912
1.76751	1.035565	82.53025001
1.76924	1.05988	28.50633202
1.772395	1.03945	162.6527176
1.210295	0	83.17592464
1.7787	1.09103	81.38615131
1.774635	1.06947	52.38450169
1.21218	0	55.2432243
1.801165	1.10508	24.55463355
1.36636	0	58.58310915
1.869385	1.13967	49.66143889
1.873515	1.14264	167.4004103
1.86124	1.14672	69.08808759
1.84228	1.12748	215.0630616
1.82176	1.08202	12.55724233
1.658215	0.961315	9.826342048
1.20329	0	78.75293934
1.71269	1.00559	32.66780609
1.59323	0.86922	37.60492714
1.164345	0	31.35696302

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1.611955	0.81164	42.32526811
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1.73042	1.026315	106.1923541
1.739365	1.038305	85.01638407
1.792525	1.118545	11.40072178
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1.8405	1.1392	58.3339719
1.83469	1.1454	77.03043367
1.233885	0	64.63702081
1.67221	0.83285	29.12134019
1.53436	0.744295	18.32732862
1.826605	1.14035	28.55366038
1.83608	1.14183	27.27582321
1.24034	0	71.87088215
1.150965	0	42.38584466
1.86685	1.18398	26.35915478
1.86708	1.185235	62.08651587
1.472075	0.427515	1.200510374
1.862635	1.177335	26.95104576
1.85729	1.180435	22.7976968
1.864435	1.18488	104.9856281
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1.866	1.191855	14.23586397
1.682075	0.83507	62.63255598
1.23291	0	29.16691301
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1.25818	0	54.69702655
1.26902	0	51.20985616
1.279095	0	197.1783992
1.68343	0.832095	170.6610586
1.24309	0	39.45801084
1.27843	0	64.55851952
1.226115	0	65.44448171
1.64705	0.825785	25.95389253
1.686785	0.899615	49.63596185
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2.00816	1.201995	35.08533828
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1.95575	1.26375	39.26437321
1.96449	1.26001	28.10293467
1.983575	1.195135	1.20203119
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1.969265	1.27171	128.2766808
1.972495	1.26827	35.08258447
1.807955	1.00223	3.389346564
1.974415	1.28456	58.81514393
1.974285	1.276545	28.27940548
1.97495	1.273255	24.68251842
1.990805	1.302445	82.86225759
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1.927995	1.204955	27.20683896
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1.973075	1.302055	92.86770944
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1.599225	0.80439	25.01784257
1.652255	0.882855	34.9781797
1.67469	0.921045	111.0833384
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1.71543	1.013615	0.85145899
1.71262	1.002535	77.08643137
1.700755	0.967725	11.92463061
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1.8035	1.088785	29.21469246
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1.22358	0	112.9038637
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1.703905	0.932355	19.75583706
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1.657295	0.81875	65.74495455
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1.63769	0.820445	35.29575732
1.67157	0.89243	17.65804467
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1.79875	1.12741	25.4820281
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1.757445	1.06755	2.073760799
1.41223	0.49852	1.954424136
1.725355	1.04623	37.92156464
1.64956	0.861765	1.257009789
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1.67502	0.98334	17.58828885
1.28493	0.20847	0.866744864
1.653285	0.962205	39.78990033
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1.58623	0.807335	39.2882964
1.174535	0	28.25855984
1.5733	0.802415	28.47200052
1.161805	0	63.35623051
1.966065	1.30738	34.97468986
1.95528	1.3016	61.59203636
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1.935905	1.28397	26.53816944
1.930725	1.28291	117.4332645
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1.92742	1.268615	61.37345483
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1.8852	1.225665	232.9736288
1.86109	1.20562	1.418000987
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1.572855	0.800515	38.26796906
1.603425	0.87133	31.52581444
1.62709	0.913865	27.67775887
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1.58312	0.83993	36.29587997
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1.63737	0.817405	22.24191736
1.70021	0.93707	15.99846235
1.72667	1.007325	55.47339393
1.73533	1.033685	14.1402465
1.22353	0	75.79474201
1.75828	1.05046	18.07475195
1.77925	1.10721	22.32028304
1.783455	1.12433	17.54768293
1.70251	0.98165	25.5404906
1.67384	0.953455	22.28283717
1.634625	0.91657	26.40324888
1.585245	0.80362	9.309096004
1.160145	0	9.725774738
1.176405	0	33.22906932
1.795125	1.12982	19.6002938
1.80666	1.16196	61.66223151
1.8122	1.15915	35.91320497
1.78093	1.0866	1.056083453
1.719605	1.038825	47.56313469
1.70586	1.02902	30.07272228
1.6713	0.940655	2.37090258
1.624245	0.813895	24.56942336
1.20402	0	24.72851111
1.31906	0.31972	4.920485111
1.19425	0	40.85426133
1.6334	0.87569	36.75242077
1.647275	0.916335	5.764021067
1.598715	0.805445	101.1913754
1.18464	0	24.49446324
1.197375	0	44.64039875
1.60196	0.80789	13.69000053
1.561115	0.795395	23.41334986
1.14886	0	31.7232173
1.616585	0.865165	39.93790697
1.58167	0.80089	67.56302694
1.16331	0	55.59758511
1.65827	0.802065	183.8681998
1.24882	0	113.7688354
1.189885	0	59.13243182
1.21048	0	48.86127946
1.62921	0.81806	10.25501203

1.69046	0.979375	38.10704193
1.702665	1.011915	24.57625351
1.62432	0.877705	45.728285
1.177225	0	26.85665315
1.173985	0	26.26969727
1.21196	0	57.63066476
1.62203	0.813635	29.86098202
1.659925	0.88603	31.65109677
1.20961	0	61.0495124
1.647565	0.918035	21.58259662
1.680515	0.97535	16.53541865
1.64639	0.88167	59.26606999
1.62161	0.8119	37.02177065
1.18327	0	34.76417843
1.593275	0.806545	13.19938284
1.322015	0.2293	27.96048777
1.772925	1.11144	32.74400781
1.766315	1.088755	25.78956621
1.762155	1.076115	23.77824613
1.640255	0.74466	82.42405072
1.259455	0	83.23931127
1.73079	1.05217	28.7429433
1.622295	0.874535	44.48196724
1.589565	0.802215	26.49379027
1.17805	0	78.05574586
1.84972	1.231815	8.839181505
1.783645	1.114055	57.46546352
1.854775	1.2377	18.36894473
1.845495	1.234495	81.54537296
1.84247	1.234565	32.12515266
1.84215	1.234535	17.26019902
1.839715	1.23454	10.46672157
1.838815	1.233555	45.07209655
1.835615	1.232905	47.95843021
1.836285	1.2305	41.53037379
1.668715	0.92766	25.92563132
1.639845	0.883445	23.35765816
1.601915	0.8105	18.37892006
1.19165	0	37.96973629
1.632805	0.865135	0.480274607
1.83886	1.23335	24.72779912

1.838585	1.234015	32.7222067
1.83881	1.23279	39.10286446
1.837735	1.228235	0.44026225
1.84584	1.241295	37.21203749
1.849215	1.243765	29.79840458
1.849225	1.244295	48.02049397
1.84985	1.243355	77.21462055
1.843505	1.236335	53.42049057
1.199175	0	31.18875676
1.612315	0.809905	265.5403558
1.64064	0.872695	23.25065737
1.661295	0.88753	0.140307697
1.67003	0.92169	20.80464464
1.64904	0.88534	26.70803297
1.61411	0.813135	57.85686932
1.1998	0	31.06842594
1.64042	0.860155	1.700564154
1.683915	0.97131	65.96679313
1.212925	0	43.01828909
1.21929	0.111155	3.097402398
1.58744	0.80867	1.598605773
1.18158	0	79.18789132
1.21675	0	51.20316113
1.6649	0.92798	39.50554702
1.63611	0.884515	11.54723026
1.59457	0.809865	23.56907297
1.17362	0	41.89505226
1.223945	0	75.47178232
1.61554	0.80183	112.92052
1.63262	0.871855	194.2663317
1.662665	0.922555	68.20164101
1.194635	0	87.63290591
1.605225	0.813565	71.08950968
1.645675	0.892605	32.41396531
1.71677	1.04231	15.24917725
1.67788	0.94134	65.8657421
1.726755	1.056955	67.21445387
1.735995	1.06681	84.17336108
1.738485	1.069395	49.13274303
1.738395	1.073575	1.322262824
1.164135	0	35.55095503

1.591205	0.810485	52.0747324
1.634865	0.886495	29.1363084
1.397775	0.507205	0.599861067
1.6584	0.931315	32.89838896
1.70707	0.982345	1.078283172
1.76334	1.12539	49.917366
1.222935	0	43.21386422
1.653725	0.830965	25.29384501
1.693545	0.904595	55.59974947
1.723775	0.94933	21.53382085
1.767805	1.06658	5.311975536
1.795655	1.136465	16.79259841
1.798515	1.145105	27.32184634
1.8636	1.246315	35.85910267
1.577685	0.80697	29.22418809
1.17132	0	61.56966549
1.15556	0	33.55320264
1.601425	0.815505	5.976413969
1.643195	0.92775	50.3668075
1.17483	0	23.2472211
1.695235	1.00526	84.84618905
1.705835	1.014395	48.57640656
1.722375	1.02916	46.29659513
1.2302	0	45.9809934
1.814485	1.199735	49.86189732
1.825175	1.198805	26.55225463
1.82647	1.217595	192.0570381
1.812805	1.200455	35.20304305
1.20184	0	22.13964069
1.627835	0.8216	45.06203042
1.83052	1.2087	156.3354051
1.800805	1.1368	46.07049338
1.83175	1.215575	45.65174926
1.75902	1.03223	90.5726671
1.79378	1.129535	32.30531281
1.18663	0	84.38048908
1.58744	0.79679	76.78792869
1.20256	0	70.92747434
1.59872	0.805415	38.62712727
1.64976	0.95389	22.06099845
1.66596	0.98026	53.70599247

1.67072	0.99634	54.33510342
1.686235	1.01713	14.65371798
1.697795	1.031855	89.43164414
1.710995	1.04682	17.43305481
1.72529	1.08845	21.72754544
1.202325	0	58.17838109
1.61693	0.819245	15.69376852
1.65787	0.8984	40.98828679
1.74463	1.12071	30.2049884
1.770675	1.13679	13.92683392
1.16896	0	68.58669457
1.583655	0.80785	24.64846401
1.620565	0.884965	14.80370026
1.735805	1.040765	17.34256836
1.711635	1.01769	41.93929863
1.693725	0.99404	44.52991557
1.664825	0.964755	37.50131777
1.188465	0	32.95800113
1.635575	0.927775	45.11946594
1.572965	0.801835	29.80170553
1.153945	0	64.05991283
1.744275	1.013225	65.7954457
1.72345	0.987155	44.8486806
1.70566	0.95603	33.10651121
1.68972	0.927165	125.6082775
1.706895	0.91093	102.7936565
1.68601	0.83489	91.11806608
1.27387	0	48.21505714
1.711675	0.97463	33.20398048
1.693165	0.94501	24.29348526
1.65127	0.894825	9.406138275
1.211095	0	21.78975794
1.18956	0	43.49126811
1.20244	0	46.85984656
1.62185	0.816925	33.19000394
1.667465	0.913445	23.84657739
1.715225	0.97562	76.21846556
1.780385	1.03359	27.53930224
1.830315	1.071155	49.45133262
1.85666	1.14579	43.12098127
1.723445	0.930755	41.63046083

1.24608	0	24.51176553
1.226115	0	36.0393674
1.863855	1.159275	25.78001366
1.87063	1.179355	98.30452787
1.88754	1.209425	19.41693525
1.27219	0	46.13729658
1.727635	0.935765	36.50606174
1.667255	0.83359	18.74010779
1.219395	0	25.72656473
1.87275	1.194915	56.28607659
1.845795	1.16516	45.35837213
1.833185	1.150695	65.89734973
1.830495	1.141155	32.11370599
1.8295	1.140845	27.67821019
1.852355	1.097635	11.22466812
1.39185	0	173.9808696
1.21858	0	53.70004106
1.63996	0.81778	23.12759357
1.64335	0.8252	1.752256831
1.68202	0.90774	18.51882754
1.200475	0	38.31592023
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1.88575	1.19373	29.24689811
1.88997	1.193645	70.7880753
1.91065	1.18436	28.04317383
1.193095	0	39.77047478
1.778665	1.15564	43.32214276
1.609245	0.819735	58.24124061
1.78641	1.15936	58.89799841
1.792105	1.160535	45.14690967
1.80028	1.162815	14.76760424
1.77081	1.151135	24.62413102
1.76614	1.148085	49.02596128
1.759025	1.14372	11.4947582
1.763165	1.146165	34.59007403
1.61933	0.880295	11.2439284
1.582635	0.80903	23.76178597
1.16465	0	52.12594375
1.75355	1.139	42.85062351
1.744535	1.13199	29.671018
1.58446	0.80871	40.58196848

1.17137	0	12.93562044
1.659125	0.918115	21.35950138
1.73692	1.12555	39.3084547
1.637105	0.87557	74.62018361
1.61205	0.81244	67.56141223
1.737745	1.12392	32.78565773
1.73722	1.119515	42.36586876
1.74086	1.119615	28.97157904
1.742955	1.118765	10.28913749
1.74003	1.118485	32.57125948
1.19163	0	29.57685387
1.74248	1.11975	58.65321555
1.74566	1.11941	25.83412343
1.73095	1.11561	40.67153784
1.73175	1.11531	44.36193469
1.735245	1.1132	49.39768198
1.73706	1.11157	24.51400039
1.70144	1.086825	33.13751567
1.68319	1.06522	47.17692273
1.696235	1.078675	67.44713838
1.64899	0.898415	1.814386853
1.690345	1.00439	45.00609179
1.631825	0.874945	31.52551954
1.646375	0.91335	1.673589332
1.5888	0.8038	19.4054078
1.17356	0	52.76412088
1.597395	0.806515	22.34288982
1.290415	0.260975	1.114902131
1.18212	0	19.1795355
1.17866	0	81.07455533
1.582855	0.800195	37.33945378
1.151605	0	26.04570233
1.56074	0.79384	36.71189301
1.59953	0.86427	20.89813994
1.6255	0.90658	27.47756268
1.65757	0.94121	4.512708463
1.67899	0.995535	17.32999712
1.207475	0	88.28101668
1.121265	0	46.42650121
1.519245	0.776985	35.57167757
1.553265	0.84478	18.6661028

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1.152285	0	29.83928294
1.55317	0.78953	38.9288748
1.62961	0.973855	11.25501739
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1.64989	0.991845	18.69360422
1.664205	1.00581	18.39215641
1.676715	1.0174	56.27721788
1.685455	1.02506	43.17600194
1.69805	1.036005	35.32225986
1.707025	1.042135	36.70343928
1.733655	1.05592	13.82240875
1.127405	0	50.72031735
1.143025	0	19.8954315
1.563075	0.84899	12.36393658
1.583925	0.890625	16.24558662
1.60449	0.92102	14.01427403
1.62338	0.946045	22.17027559
1.64364	0.96871	12.55452203
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1.693315	1.00995	10.73514999
1.708495	1.023675	31.52594521
1.718695	1.05645	51.39994946
1.729615	1.089105	25.37713582
1.645475	0.93442	28.17236656
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1.60102	0.863625	16.78476845
1.567815	0.79526	16.65638995
1.163485	0	26.01996943
1.6243	0.871375	19.65811166
1.57782	0.798315	15.7958529
1.164615	0	14.73698375
1.746225	1.09664	35.85125297
1.43284	0.56939	5.868330696
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1.795105	1.188825	13.81561498
1.799345	1.19105	29.96598693
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1.77922	1.18995	8.98050873

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1.71606	1.05459	22.83550522
1.71095	1.033485	58.78438961
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1.67142	0.96313	9.114265837
1.1913	0	6.873198226
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1.622515	0.90546	19.20756692
1.176275	0	24.13323384
1.59813	0.86314	18.85796684
1.162895	0	49.84284126
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1.181615	0	83.06230511
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1.62348	0.938495	22.05518688
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1.696105	0.9941	38.4362175
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1.8069	1.200935	43.56118681
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1.603415	0.80901	33.99362259
1.17251	0	47.89681601
1.61947	0.81212	86.3632709
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1.20673	0	23.30720828
1.20992	0	25.89069947
1.279245	0.14958	0.646355762
1.211175	0	38.38981175
1.63908	0.81934	0.798811178
1.64957	0.922355	19.77151245
1.201505	0	63.20475835
1.18826	0	7.880778562
1.520335	0.743085	1.633589452
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1.79208	1.18271	65.59571886
1.79245	1.1816	38.99709737
1.791515	1.17948	24.37596423

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1.758415	1.15119	24.13028874
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1.75848	1.15063	18.26132985
1.760315	1.15254	45.3830893
1.186305	0	71.98328965
1.135425	0	57.12261464
1.20063	0	84.88837184
1.75141	1.03428	60.18954899
1.716	1.01054	64.28031364
1.70471	0.998415	66.81630777
1.691845	0.956825	57.44145617
1.689515	0.940185	86.61539125
1.655765	0.89378	22.48596509
1.619265	0.81723	32.15671248
1.20242	0	34.03106555
1.219965	0	73.58909579
1.20019	0	45.72109437
1.605065	0.810415	71.21096757
1.63993	0.88218	32.02038194
1.68163	0.93277	29.09532068
1.690295	0.95709	122.3936036
1.72603	0.989175	25.19969265
1.765355	1.040005	16.63177317
1.24086	0	60.27508211
1.893135	1.245805	50.93294183
1.88698	1.248745	18.18474867
1.930795	1.281925	81.67406018
1.969225	1.299735	38.10640516
1.96476	1.296225	31.63937367
1.96587	1.29824	18.35760448

1.95789	1.28928	25.31457806
1.81073	1.13121	93.10348418
1.789325	1.12281	62.23895428
1.77059	1.10991	25.88985216
1.634605	0.82054	3.68945512
1.731695	1.065745	14.43767053
1.742	1.09691	14.5504218
1.31725	0.29972	2.503147436
1.223485	0	72.50993001
1.64103	0.88852	9.151080472
1.601295	0.813395	23.30706293
1.17395	0	36.88150857
1.707635	1.01312	108.7148659
1.710775	1.02822	1.431989588
1.70463	1.007415	41.79577077
1.69338	0.99022	25.99985048
1.65266	0.890735	34.08299249
1.678285	0.96506	19.33683923
1.20959	0	36.37891962
1.6188	0.816325	33.87043583
1.19711	0	21.80438009
1.2723	0	40.44476682
1.944925	1.280325	171.7170072
1.90234	1.25232	186.3150746
1.829645	1.20453	64.58433466
1.83412	1.212845	112.93865
1.70305	0.934685	0.796500627
1.86407	1.21609	80.12996327
1.84872	1.213295	28.49772249
1.84592	1.221805	11.02150864
1.867765	1.207035	0.851023672
1.87246	1.210425	22.42118107
1.885185	1.196805	57.02598758
1.892455	1.200765	46.3988102
1.897635	1.20501	90.90930875
1.899775	1.210465	49.32167445
1.908925	1.20261	56.2800442
1.912725	1.18946	18.50053315
1.910105	1.188155	69.45841098
1.91597	1.15888	3.362521744
1.91612	1.186785	45.73314287

1.91825	1.167885	64.57907827
1.695245	0.83011	2.674060809
1.94558	1.174305	118.3063129
1.700945	0.904905	38.09224966
1.65558	0.825535	26.41307604
1.24001	0	68.8434326
1.681515	0.89653	20.66565214
1.64593	0.82096	61.16711417
1.23695	0	45.46153242
1.18862	0	117.4811403
1.605785	0.81003	34.07454759
1.644585	0.88731	56.07677493
1.67339	0.931945	40.57654371
1.691295	0.96078	86.38882057
1.713305	0.983805	23.87470216
1.24195	0	23.09068302
1.677045	0.901095	25.19976617
1.65406	0.781675	0.316256921
1.22022	0	48.71792992
1.652575	0.891865	22.70618267
1.66387	0.922375	76.66877213
1.21574	0	54.91154722
1.645365	0.88591	56.20589953
1.6128	0.816985	56.25069064
1.19549	0	16.08988779
1.197165	0	34.29853164
1.222255	0	60.46749891
1.70621	0.999405	12.12804368
1.71284	1.015305	6.953687735
1.68729	0.981005	20.66862273
1.6637	0.960245	43.37289766
1.624105	0.90575	2.532027727
1.184395	0	41.54010954
1.17274	0	22.99262666
1.59556	0.862525	11.3496385
1.162575	0	21.47922206
1.96736	1.182645	115.4001586
1.97046	1.18097	79.49081187
1.98414	1.181415	89.20769706
1.686145	0.865565	216.4203661
1.663335	0.853245	108.5915249

1.646445	0.848685	63.88044859
1.61419	0.83665	114.2176215
1.60431	0.84403	58.65148815
1.641425	0.89004	43.7390498
1.705305	1.004225	7.401418384
1.723185	1.02128	56.58476478
1.762825	1.10826	32.38587929
1.76961	1.109175	60.16812554
1.785555	1.1144	37.58178924
1.793525	1.1443	177.8999625
1.814175	1.141575	22.67189176
1.709525	0.884525	1.03829896
1.68283	0.82778	19.54295435
1.263135	0	107.8031976
1.18013	0	35.01832725
1.6039	0.80857	43.23747921
1.65293	0.887195	19.08866885
1.67323	0.926175	66.76937905
1.711445	1.0286	17.15922451
1.63355	0.87956	34.26471891
1.59555	0.80327	26.58221575
1.1868	0	48.75791476
1.64575	0.920985	15.39049232
1.197745	0	71.4974177
1.578085	0.79787	45.78851609
1.158425	0	62.07468068
1.70017	0.99138	1.464412937
1.71544	1.032905	77.25404159
1.18461	0	90.4488744
1.183575	0	86.39382233
1.203975	0	34.33288712
1.608815	0.81246	2.201414074
1.30178	0.28466	2.273788332
1.665725	0.95034	15.02817238
1.64069	0.88053	43.45866474
1.208015	0	72.2698151
1.841885	1.178935	42.99541971
1.826065	1.17187	45.53120928
1.80977	1.1629	88.14715624
1.8079	1.16025	23.60515456
1.871765	1.21834	47.18488059

1.867195	1.21165	5.302096818
1.19025	0	64.85947159
1.6665	0.97055	42.17830786
1.605395	0.81309	36.00236543
1.169125	0	17.60329233
1.59144	0.814765	14.36664503
1.632405	0.885015	45.80503973
1.66824	0.93067	2.439010967
1.71566	1.04797	7.036595503
1.610155	0.874395	14.27636241
1.571705	0.80073	39.3080218
1.15657	0	68.43707053
1.902365	1.23991	75.05628653
1.893625	1.23567	30.11513066
1.88641	1.239245	84.44984383
1.881015	1.23671	96.33703357
1.89585	1.242355	14.89542402
1.92816	1.19439	162.6108846
1.94451	1.19757	124.0421288
1.95739	1.20543	282.2442449
1.911195	1.19441	188.6594495
1.88975	1.187455	89.45745575
1.909305	1.25414	184.9964654
1.994935	1.290465	199.0103924
1.97903	1.337075	58.17392579
1.996695	1.18603	428.6519005
2.024535	1.21296	580.4934747
2.07308	1.29386	87.93970281
2.066845	1.295315	72.29945824
2.066785	1.25497	49.23780236
2.0548	1.24653	185.6327326
1.991145	1.23804	187.4800174
1.998235	1.187265	246.2231261
2.02726	1.167175	87.84052315
2.035505	1.16514	157.2244551
1.18529	0	21.16045011
1.61559	0.819225	48.95824205
1.652005	0.887515	31.94313438
1.681835	0.93185	10.36369321
1.71844	1.00356	16.13805886
1.638945	0.95132	19.9747988

1.62197	0.944555	26.59272375
1.73306	1.046285	13.767549
1.78448	1.078795	34.27224964
1.738325	1.05458	89.21957363
1.73161	1.04275	77.92520515
1.7159	1.03016	4.895518213
1.700145	0.988715	30.79213218
1.67504	0.967705	57.95171712
1.158185	0	41.53841684
1.619845	0.872815	23.67596173
1.58694	0.806195	31.45274276
1.585275	0.80331	45.61280091
1.15647	0	54.99158451
1.614565	0.816745	35.59843168
1.192775	0	24.78012831
1.25522	0.13484	0.275352955
1.201055	0	68.60272808
1.630525	0.824245	0.469532215
1.21549	0	38.21038242
1.70112	0.973185	19.90065345
1.65679	0.86448	0.412495152
1.804555	1.087645	25.70519828
1.78949	1.080275	58.52200989
1.820955	1.100195	5.512271406
1.763595	1.01522	34.17877112
1.745105	0.998885	42.11334675
1.721495	0.98111	77.82745475
1.67483	0.896	7.565529097
1.70734	0.966115	45.50191822
1.642605	0.826365	33.49597034
1.199195	0	19.80733037
1.64701	0.892005	18.69196035
1.62231	0.87209	84.82790013
1.244245	0	34.86352775
1.65806	0.829175	61.25959843
1.68293	0.947355	112.0455925
1.709525	0.96719	41.17169369
1.729505	0.987515	48.86295053
1.75048	1.02688	15.51685781
1.63522	0.81963	22.56520046
1.202945	0	56.58270349

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1.81478	1.117485	76.77599196
1.82717	1.121735	98.98031264
1.829225	1.12037	1.070587213
1.7412	0.92282	1.228414018
1.844555	1.13794	95.99721931
1.862875	1.138715	60.91576024
1.63586	0.760025	0.794458671
1.72328	0.8965	24.15023245
1.696855	0.862045	120.3241243
1.651495	0.81423	21.42721814
1.63346	0.795735	47.53536022
1.61691	0.789745	26.04131944
1.609905	0.79205	24.9313344
1.64351	0.829395	34.88813002
1.223265	0	74.28546274
1.65641	0.82278	55.21173177
1.70137	0.895575	24.94960516
1.216895	0	62.94038498
1.45562	0.61684	0.57148776
1.66106	0.90806	1.644180921
1.650055	0.921185	30.87144135
1.63487	0.90879	25.72137032
1.636775	0.91106	31.40822898
1.664195	0.926415	38.4613687
1.74698	1.06466	38.2883562
1.685565	0.85571	5.25714767
1.75597	1.073675	19.93899842
1.778695	1.10595	15.33791972
1.768285	1.08228	59.35879584
1.81113	1.136135	19.97529828
1.795345	1.118715	62.53499072
1.78669	1.11217	14.46015889
1.845025	1.156055	22.58656098
1.839025	1.16544	20.88340212
1.819835	1.138715	44.3398934
1.84739	1.140185	14.98143264
1.848165	1.142835	10.95483685
1.84771	1.14789	68.19488791
1.846605	1.140335	49.8469823

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1.85822	1.14752	46.24710468
1.865185	1.152455	54.15959186
1.708265	0.89895	53.22746122
1.6553	0.8271	42.00456805
1.21464	0	9.572094995
1.595745	0.81142	31.38916783
1.65488	0.870505	68.56858696
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1.74149	0.97075	28.22456372
1.787185	1.029735	64.73782493
1.766465	0.99267	28.68746109
1.65348	0.82492	71.8495298
1.238225	0	123.2131225
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1.80163	1.054795	34.18022477
1.802915	1.06934	11.58376551
1.81381	1.07304	53.12198492
1.833305	1.103255	13.15663133
1.840785	1.108135	33.11362297
1.850715	1.109895	85.04750589
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1.94071	1.17323	36.04505986
1.95143	1.195515	8.318023521
1.96622	1.225855	16.54880619
1.928885	1.15635	2.376920349
1.96661	1.2108	2.341537874
1.93291	1.17308	116.0301794
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1.91279	1.17	56.4079698
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1.275155	0	33.73805207
1.75592	0.84349	74.22295943
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1.92974	1.17381	86.06168742
1.900945	1.12938	4.852594588
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1.877	1.12937	42.41860671
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1.78039	0.95783	69.79837243
1.743245	0.91669	28.47312802
1.65787	0.825415	47.5187879
1.217005	0	16.18315476
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1.83483	1.039955	82.75389375
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1.745775	0.910165	25.37816039
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1.743115	0.892805	70.96098081
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1.75743	0.914115	44.44175856
1.32439	0	70.39240062
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1.846445	1.077145	26.97458564

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1.3279	0	9.839881837
1.232095	0	25.22445604
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1.915405	1.105645	40.9211931
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1.911505	1.105035	53.63519924
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1.83241	0.8478	31.48712463
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1.942285	1.1039	36.61468982
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1.8374	0.863675	34.43947024
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1.51816	0.58256	1.22267242
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1.829805	1.09855	135.886546
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1.84292	1.15516	82.06919559
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1.212995	0	27.5424979
1.73101	1.031735	188.1013174
1.720425	1.019935	35.10245055
1.737815	1.028245	59.35852429
1.701645	0.99478	89.58699434
1.250095	0	42.84112172
1.701185	0.992655	107.9811049
1.719295	1.006725	22.75766723
1.701235	0.974915	15.35942861
1.666175	0.951185	121.0085857
1.670925	0.956235	45.28654729
1.7602	1.06581	206.5800835
1.762555	1.07378	38.36517068
1.68889	0.97249	18.47660534
1.7645	1.072095	54.22718435
1.769645	1.07618	25.48487465
1.734905	0.96491	90.08045386

1.674485	0.89331	28.83436625
1.645245	0.818205	31.33903557
1.229265	0	22.21523538
1.719425	0.93744	80.14951683
1.703515	0.896375	79.38253154
1.65515	0.81622	29.05436887
1.244825	0	65.29788309
1.260345	0	67.21169934
1.80067	1.11898	30.47316494
1.75798	1.04749	4.444932289
1.572275	0.714245	2.676967721
1.722735	1.030765	90.57820097
1.69318	1.00943	164.1080288
1.669175	0.99891	5.87773324
1.69275	1.008675	37.84554965
1.69774	1.012375	127.5511845
1.704065	1.013945	36.02702092
1.71389	1.017095	46.91658289
1.72338	1.02122	13.7085346
1.728275	1.007055	1.877221137
1.620385	0.80618	50.85039415
1.208275	0	59.32098702
1.241475	0	126.0213685
1.468325	0.616185	4.999934662
1.668725	0.799035	4.554446662
1.75145	1.033205	148.4225253
1.793875	1.025735	364.1147122
1.82412	1.026925	73.32638008
1.848615	1.043535	88.2786826
1.707285	0.985515	68.94552839
1.66219	0.948655	44.31290272
1.665455	0.95724	92.35935677
1.65142	0.937255	80.937632
1.677835	0.946645	86.80293756
1.65045	0.915465	124.3737943
1.626685	0.871905	24.88467243
1.582505	0.79148	34.43219002
1.174045	0	73.02068928
1.745185	0.96676	3.974492064
1.738685	0.952215	28.82175201
1.71371	0.90605	37.04062484

1.286435	0	42.24761668
1.248365	0	100.3983271
2.14422	1.28489	1.7203721
2.12904	1.25477	8.375357034
2.115495	1.266855	5.588478775
2.12216	1.27817	74.778392
2.073565	1.26896	73.69103731
2.05794	1.26843	129.1248141
2.037315	1.253935	14.24464957
2.03639	1.26592	65.01348187
2.031015	1.254925	117.1793041
2.017105	1.261285	36.95005503
2.02382	1.262195	71.44515384
2.026245	1.25582	10.46695312
2.03106	1.25772	73.38405898
1.817425	0.99863	11.95647063
1.768225	0.970375	28.52301977
1.737215	0.943615	25.60423969
1.75104	0.950385	60.37235791
1.71009	0.90048	16.73679951
1.669075	0.82891	22.47454508
1.24241	0	21.43073357
1.629405	0.81404	32.50363162
1.695015	0.87892	88.58960834
1.739165	0.91415	23.53976931
1.887945	1.1599	112.9468815
1.88012	1.15214	183.3139559
1.73599	0.838625	12.65512861
1.290495	0	62.94216816
1.809325	1.130185	11.81487879
1.80337	1.10784	15.23620698
1.730635	0.934085	29.14720819
1.7031	0.8904	33.19340736
1.668535	0.8226	57.71970046
1.24133	0	25.23314934
1.654715	0.81439	89.98945123
1.754075	1.064985	51.57044706
1.22427	0	32.08185648
1.72933	1.042555	29.92731606
1.719875	1.01105	85.11456707
1.708365	1.00935	38.68581069

1.69709	0.99673	24.29286697
1.18012	0	31.48212717
1.67067	0.950735	23.89229192
1.609975	0.805875	27.18183216
1.191055	0	62.98659977
1.673445	0.888285	23.49815857
1.60962	0.805325	17.96473557
1.17639	0	47.03725919
1.641125	0.91977	65.6136622
1.611905	0.873285	14.24081182
1.57367	0.793975	26.54561736
1.154975	0	25.34929468
1.77033	0.930345	0.194428188
1.80153	1.01048	35.96038877
1.71389	0.832055	69.43924736
1.312395	0.161565	0.26468897
1.28792	0	68.07185163
1.268775	0	68.43759751
1.680225	0.82903	0.15782259
2.01622	1.262045	67.8044092
2.01459	1.264065	66.00350551
2.016935	1.26648	39.28061897
1.99574	1.258615	167.7326236
2.000245	1.25894	40.45664793
2.004705	1.259265	50.31082974
2.001825	1.25747	10.14932558
1.727045	0.836905	34.64061192
1.302955	0	55.87607833
1.304145	0	79.28422356
1.788765	1.017565	65.32209885
1.75364	0.99932	59.97674516
1.720825	0.98142	59.38681738
1.696515	0.9517	32.53428373
1.67774	0.92221	21.08881767
1.64815	0.876195	20.6860712
1.584335	0.797495	39.19727917
1.17243	0	20.27861519
1.74111	0.905305	24.12960355
1.701655	0.83342	26.6243844
1.27707	0	63.44938318
1.974735	1.27586	111.8651876

1.97665	1.271705	16.68993137
1.985175	1.2546	26.08048486
1.985375	1.284975	36.19535186
1.98926	1.286835	15.44052473
1.99797	1.281585	45.53427527
1.98649	1.277465	36.12484479
1.96711	1.2534	138.7898198
1.98579	1.28367	29.68028405
1.962105	1.25483	31.81535098
1.9537	1.25753	42.84643283
1.95469	1.25488	73.44738717
1.951185	1.25856	42.99325349
1.80196	1.124885	55.95543898
1.947375	1.257065	94.01319136
1.799965	1.033065	44.28112529
1.790925	1.1131	100.5398192
1.7818	1.02025	74.32086303
1.764915	1.00836	51.30520998
1.74771	0.98967	32.29978775
1.85461	1.157345	30.82633801
1.824095	1.14808	40.91946608
1.811255	1.144965	70.3286203
1.79961	1.145015	50.04796104
1.79763	1.13818	5.088385854
1.53577	0.81354	4.694496362
1.7854	1.14321	25.88657663
1.784635	1.14023	30.08343958
1.77212	1.136045	55.43200362
1.76846	1.13992	46.79104933
1.751095	1.13583	17.6123766
1.72637	1.072595	19.98404876
1.710775	1.0648	50.86217469
1.692875	1.0555	33.7257025
1.67861	1.01896	14.03950295
1.661645	1.00372	42.19423114
1.60478	0.867615	14.85334753
1.6529	0.99238	28.02768078
1.570485	0.795895	60.5140291
1.159575	0	80.25750733
1.602125	0.900525	39.65146931
1.57073	0.855185	37.47787569

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1.127275	0	53.66958539
1.60602	0.871165	17.74267919
1.567695	0.79703	24.23200516
1.15974	0	22.36123879
1.69095	1.039785	35.86081691
1.679835	1.00927	22.53185751
1.661315	0.992155	24.79667948
1.63866	0.970515	17.81961471
1.61631	0.946985	16.57219837
1.600695	0.922095	36.59414187
1.576685	0.888765	18.61830833
1.55066	0.844645	25.51607608
1.520385	0.776055	51.10783603
1.120095	0	45.6404556
1.57635	0.7996	43.60090248
1.16914	0	34.51276519
1.20718	0	36.22461584
1.62535	0.899595	41.70899234
1.640805	0.831995	3.468392857
1.560205	0.842725	37.62597569
1.549605	0.83742	44.88268606
1.61242	0.895035	17.53462023
1.64934	0.923395	89.38778623
1.87902	1.1812	35.3314482
1.852865	1.173	27.6027675
1.829	1.16553	78.02689376
1.833715	1.171895	77.56985371
1.838705	1.18212	57.06109009
1.837765	1.176985	34.013906
1.64821	0.82028	96.17435223
1.214225	0	21.61604245
1.679515	0.888305	46.67297364
1.64046	0.81716	53.67807817
1.211015	0	26.45248156
1.76859	1.10985	33.89147167
1.7802	1.113355	34.65016489
1.78933	1.116845	24.5400479
1.75403	1.065525	11.1448978
1.71666	0.97193	45.38703902
1.69689	0.951155	93.33505692

1.67016	0.92301	71.38671296
1.62903	0.81494	20.92173281
1.210345	0	64.66839105
1.208775	0	112.2218914
1.71329	0.98724	64.62430677
1.677935	0.96181	12.35721529
1.65192	0.93243	52.80671233
1.62671	0.913865	241.2374002
1.58069	0.79398	2.930313377
1.36278	0.491235	47.20132609
1.57245	0.80414	1.457257852
1.27091	0.29212	1.916581259
1.17393	0	113.7293694
1.35704	0.49737	76.16991683
1.56408	0.755255	39.84071468
1.60145	0.81763	41.42445667
1.19611	0	32.69548928
1.664825	0.93932	57.73629728
1.616845	0.80898	37.01815156
1.679025	0.95811	82.65074815
1.694365	0.974055	45.42096452
1.748995	1.080825	8.551296453
1.738365	1.053225	63.08768147
1.717165	0.995755	36.16359942
1.63654	0.87622	69.03366402
1.596155	0.80426	33.67170205
1.18501	0	74.11518528
1.677145	0.92189	60.79636841
1.651865	0.88189	67.49663742
1.615685	0.809955	19.60896694
1.205525	0	58.57379628
1.759875	1.089835	27.1926829
1.764995	1.10605	28.66815732
1.627805	0.81701	26.03850068
1.20948	0	19.32111745
1.724155	0.90392	66.11676317
1.278475	0	69.97957778
1.688305	0.84375	41.88367139
1.61642	0.72442	126.5125549
1.675965	0.80753	28.52855861
1.71567	0.860375	30.94747896

1.806465	1.06702	21.16002078
1.79067	1.056145	30.76451826
1.78164	1.0341	0.968251311
1.48673	0.503335	0.795056138
1.76202	1.01737	26.71606519
1.73099	0.9408	1.706193908
1.316355	0.22554	1.330075081
1.699785	0.89724	43.03708335
1.25408	0	62.05133571
1.679575	0.866355	0.957562808
1.959925	1.249495	22.22302447
1.952795	1.24675	110.396023
1.966885	1.243275	17.23087552
1.96442	1.25068	78.14664277
1.96837	1.244645	108.8609319
1.973875	1.23972	98.92460829
1.813705	1.05412	43.3556598
1.79299	1.03362	172.3217648
1.64734	0.82281	27.90474871
1.22383	0	35.59274685
1.6735	0.794785	0.457825753
1.66832	0.800585	46.33611737
1.67298	0.80737	36.12249257
1.694065	0.843775	31.62167261
1.7337	0.883955	23.18011858
1.706115	0.834835	59.17712167
1.261525	0	50.61059121
1.73082	0.96317	57.89990343
1.70446	0.933675	28.19861486
1.659265	0.886055	26.25139265
1.605485	0.810265	43.24820549
1.181325	0	57.46235088
1.78743	1.000475	114.6858888
1.80924	1.045045	19.69096047
1.793745	1.006395	69.37636653
1.776645	0.93604	41.82468304
1.806205	1.01726	16.93665528
1.78788	0.95071	77.47041152
1.80309	0.964885	33.107104
1.629135	0.722325	1.089324878
1.82987	1.020225	95.2772019

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1.288965	0	71.63648568
1.73552	0.94378	59.8855986
1.702435	0.90182	50.3599696
1.66705	0.831405	33.45971678
1.23675	0	23.33011755
1.2093	0	50.26101411
1.6233	0.812895	95.47362612
1.6529	0.87469	92.52460382
1.68058	0.91737	19.7436635
1.490105	0.669835	1.618524405
1.708725	0.94929	2.603549741
1.767235	1.11674	36.4553527
1.77811	1.13071	18.09913842
1.792915	1.13797	23.45240295
1.81795	1.14736	68.82405375
1.833125	1.152685	28.17372841
1.66779	0.887745	18.91931273
1.62842	0.816865	31.10498174
1.21402	0	22.56257558
1.726745	1.07835	86.19891185
1.734715	1.079015	2.4059362
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1.69377	1.064065	26.53425194
1.15193	0	55.76280409
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1.15653	0	62.76864434
1.215085	0.17534	1.959157219
1.56964	0.799505	3.04928395
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1.54739	0.728355	47.48645446
1.37155	0.430135	43.03785975
1.39175	0.47983	26.84963301
1.551255	0.744785	36.67850155
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1.674255	1.01133	11.36349756
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1.70057	1.030345	15.69906719
1.69129	1.055085	36.51602655

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1.602205	0.843525	33.43411013
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1.7127	1.075185	50.93478369
1.722025	1.078725	53.63414694
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1.66137	0.964035	6.179873146
1.626075	0.870115	37.43080776
1.16355	0	49.7142374
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1.69612	1.01396	13.12395564
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1.185105	0	42.80788045
1.82349	1.142105	10.92913953
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1.767875	0.7774	19.66851076
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1.8472	1.04561	73.11262976
1.740545	0.727955	15.42757945
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1.727885	0.907715	4.253582242
1.70082	0.83813	23.43005575
1.29085	0	67.51550092
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1.8008	1.0129	97.71420391
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1.6945	0.833155	14.8740559
1.75163	0.909165	32.1704144
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1.74465	0.790815	49.20532215
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1.869445	1.01233	23.41182208
1.26828	0	84.24725999
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1.72331	0.84068	38.01029067
1.290375	0	32.53957424
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1.989485	1.261715	21.54441001
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1.744285	0.9103	20.75528312
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1.72394	0.844065	31.42941108
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1.7644	0.912935	35.89560601
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1.86543	1.143275	89.21959463
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1.856655	1.14014	100.9844298
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1.84303	1.12925	15.12933848
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1.262005	0	62.48661491
1.25128	0	46.54760271
1.836615	1.125365	21.51631133
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1.78042	1.07994	33.67612734
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1.652315	0.825225	1.069873796
1.24248	0	41.72157932
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1.20437	0	41.27367436
1.61834	0.817455	38.31733388
1.65621	0.89041	109.8768157
1.68558	0.93628	24.1536471
1.165205	0	70.32002915
1.588045	0.803435	48.90011376
1.632645	0.883395	30.2156224
1.65961	0.92654	99.59361297
1.67901	0.95794	79.2328452
1.70523	0.98423	62.24819688
1.732785	1.010295	35.98604873
1.758145	1.076035	7.103718005
1.777005	1.086095	79.81537908
1.787725	1.09372	9.165823376
1.794965	1.107455	54.19423329
1.78886	0.96431	15.21089217
1.855575	1.12904	16.30821058
1.72004	0.909265	29.97572557
1.651415	0.82696	46.01363049
1.21108	0	30.44370181
1.232095	0	92.21678203
1.26003	0	26.10094623
1.68698	0.83367	112.278724
1.255005	0	79.02565105
1.73014	0.913575	9.526535446
1.29348	0	40.68617869
1.76459	0.959155	113.5569366
1.792345	1.02929	10.32968848
1.81855	1.04333	193.0056972
1.188015	0	40.25056578
1.59729	0.805685	65.30781873
1.62951	0.873835	51.89778171
1.65091	0.91607	38.44581942
1.15361	0	31.69730766
1.564375	0.80087	34.44742326
1.6119	0.876855	28.14857125
1.664485	0.93108	34.07864894

1.698405	0.96654	26.70529713
1.7296	0.99648	24.35817548
1.75216	1.01849	44.85297058
1.739405	0.848205	28.66327087
1.82587	1.07582	18.27102719
1.29916	0	44.70213425
1.15562	0	124.4603746
1.548855	0.776785	61.20801325
1.585825	0.860415	41.64586155
1.62021	0.916845	26.01189639
1.650165	0.95336	103.2847243
1.67815	1.02459	78.77513013
1.661555	0.97064	59.37943862
1.60407	0.87003	28.32218947
1.563985	0.789895	63.81819694
1.154355	0	49.15215933
1.688795	1.032705	28.14076912
1.162395	0	47.49895049
1.56849	0.79195	64.60495642
1.60232	0.867705	65.24777784
1.629145	0.91217	14.71850548
1.20777	0	91.55387869
1.667815	0.977505	18.13935113
1.226165	0	63.85911718
1.70082	1.022405	32.36289039
1.736065	1.112805	17.46364857
1.7431	1.11091	69.15928483
1.749225	1.10341	68.10538322
1.757815	1.13234	8.778536344
1.77709	1.156415	38.38131058
1.77236	1.140865	27.94196144
1.78766	1.1576	72.30418943
1.790975	1.14825	95.0274901
1.81324	1.147375	65.98348761
1.83188	1.14916	56.76607652
1.834845	1.160485	4.326460365
1.85699	1.163055	65.51735867
1.86393	1.15733	68.63543111
1.88684	1.16256	13.95760595
1.888465	1.17228	38.33658321
1.188455	0	63.86835326

1.619175	0.810655	77.53642638
1.66856	0.886455	17.0011878
1.65517	0.9474	26.20955685
1.635025	0.91493	34.653196
1.614695	0.87468	48.38550846
1.58472	0.803905	29.70213848
1.17348	0	28.01707033
1.66246	0.979185	32.20591436
1.637825	0.954705	18.60018526
1.625435	0.931955	38.68622618
1.61251	0.905885	58.33819712
1.5958	0.869155	45.57506922
1.55743	0.791925	21.16868041
1.15086	0	36.86882627
1.24558	0	23.04112307
1.682935	0.82328	176.1792258
1.71479	0.886425	42.07223787
1.906885	1.17171	86.25761521
1.159425	0	45.03197182
1.581575	0.802715	16.91225476
1.62922	0.874835	47.5155246
1.652555	0.91495	39.51914898
1.68483	0.94751	28.38524897
1.709875	0.97317	25.78709421
1.730605	0.993845	32.57674281
1.75057	1.042395	53.57405338
1.777435	1.05825	18.88004254
1.187035	0	53.5476111
1.60425	0.80945	57.73689418
1.64136	0.878515	24.50838213
1.826975	1.08451	52.23314091
1.874715	1.099315	8.297636141
1.885515	1.1281	10.8878847
1.738735	0.91224	37.87059502
1.686095	0.834625	48.19856062
1.25752	0	38.35619233
1.20413	0	65.6343293
1.214825	0	58.53744759
1.6334	0.82091	30.13267296
1.675625	0.940805	9.305079785
1.705215	0.977485	69.27376322

1.825835	1.15105	52.17945737
1.767425	1.01333	143.6333555
1.84207	1.158575	67.54635414
1.8918	1.23204	32.96543656
1.86345	1.167515	66.47488094
1.61533	0.8464	2.028587394
1.90782	1.23697	57.02720354
1.93171	1.229795	1.610501354
1.953075	1.28243	45.11352224
1.80988	0.975795	10.04367951
1.972215	1.29088	67.67676835
1.99484	1.292115	71.7903126
1.997465	1.27996	222.651974
2.001565	1.28643	90.579035
2.00234	1.286075	21.62286275
2.004475	1.291235	38.18998712
2.003195	1.284455	31.78281914
1.77834	0.96451	87.23647874
1.72813	0.91488	50.2384921
1.63771	0.823605	49.04910968
1.219895	0	25.47815247
1.818645	1.14718	151.6604265
1.79966	1.141555	71.94515664
1.76957	1.133405	112.1941047
1.74051	1.12148	28.38166637
1.69735	1.05415	5.732465838
1.71801	1.1096	63.81363239
1.1536	0	42.08753417
1.613625	0.941825	15.81982718
1.5666	0.79687	25.11572248
1.591495	0.90808	15.86306495
1.564675	0.858865	18.36475566
1.52942	0.782465	29.08613418
1.125875	0	40.37900947
1.65749	1.009875	25.51017764
1.193775	0	40.77736953
1.683435	1.041865	24.39357263
1.35596	0.51358	4.15679071
1.649165	0.95165	42.71201682
1.660365	0.98019	3.519854319
1.61909	0.91941	71.42716466

1.554865	0.79368	3.329868881
1.155025	0	41.064216
1.13352	0	52.44524736
1.7756	1.092575	30.959368
1.750515	1.07751	51.93120508
1.72115	1.06071	23.06594587
1.684305	1.01486	43.50528298
1.694995	1.042675	52.50857998
1.65915	0.99167	42.38891347
1.64461	0.950775	33.69899212
1.62559	0.91776	27.24788421
1.592055	0.869775	46.36632566
1.547725	0.78995	30.87884377
1.13216	0	72.4592037
1.164925	0	53.88673391
1.187765	0	57.843724
1.15872	0	19.91829522
1.571645	0.80286	15.58168809
1.610765	0.880855	22.52909406
1.63775	0.92683	13.48532902
1.6761	0.96644	34.27238017
1.702295	0.994965	75.54686261
1.76048	1.08838	14.91674247
1.735915	1.022155	28.46461672
1.16749	0	46.26053557
1.587305	0.80718	8.87574693
1.640985	0.889445	46.6190856
1.664835	0.93494	27.28428471
1.167015	0	66.69353589
1.596045	0.811585	18.56773314
1.654735	0.894765	62.26430004
1.68195	0.939085	45.61233903
1.73933	0.985415	10.63805776
1.77621	1.01684	99.40005655
1.825095	1.15282	45.20300021
1.86315	1.16784	89.30332529
1.866575	1.17093	39.42108451
1.852325	1.145535	1.92199147
1.235845	0	23.17759903
1.672435	0.8342	76.02160053
1.732835	0.915845	61.92609545

1.10994	0	28.09467265
1.52356	0.771825	60.26533266
1.555055	0.846115	40.75686078
1.57742	0.889955	37.68686707
1.600795	0.924405	26.82452488
1.626945	0.95076	46.20999993
1.656355	0.97368	17.00669067
1.676175	0.99141	48.93846768
1.686415	1.003065	55.4413822
1.69841	1.015625	23.79871188
1.71596	1.03052	31.85680746
1.7323	1.03799	89.26698489
1.750135	1.045895	49.16931438
1.78008	1.061315	15.06735223
1.830475	1.0797	69.80875225
1.898315	1.176365	23.5867291
1.85803	1.09239	16.58032746
1.12804	0	56.71386989
1.533875	0.77346	37.45192399
1.56516	0.851355	46.47400944
1.585505	0.89548	77.68627708
1.60368	0.92083	23.76306773
1.170295	0	49.80991889
1.64749	0.980535	18.66109355
1.66019	0.996365	61.44004559
1.680445	1.047695	16.31145737
1.691415	1.0558	34.74293071
1.70592	1.06685	15.95407144
1.600475	0.901195	89.7939546
1.58246	0.860775	19.76717517
1.550935	0.789505	41.9031687
1.14326	0	28.04093602
1.746735	1.082045	38.85179938
1.762515	1.07338	183.792369
1.237525	0	89.17513577
1.657865	0.824055	14.71886278
1.77771	1.087155	20.52600107
1.79083	1.094205	60.53504639
1.822725	1.1037	49.85828146
1.84456	1.10736	77.21746746
1.950685	1.19095	64.236925

1.95021	1.189325	29.18805396
1.312095	0	239.0614659
1.95093	1.168065	9.611847515
1.946665	1.151195	1.89620645
1.94579	1.14813	6.036544065
1.958115	1.18333	148.8183479
1.73359	0.90923	16.96209145
1.28804	0	50.26903999
1.25223	0	70.57737113
1.800945	0.95712	117.0091109
1.831685	0.99065	5.194476903
1.77551	0.8896	2.510297826
1.441945	0.229385	3.361484066
1.495615	0.34594	3.854804434
1.66323	0.727065	3.65889026
1.79968	0.942915	3.352525308
1.759725	0.8957	36.07456196
1.76346	0.902745	55.60969129
1.78198	0.91323	66.35956023
1.83858	0.951365	35.14510675
1.376965	0	56.90721795
1.86995	1.00764	11.76694958
1.94206	1.09263	68.27990549
1.932025	1.05458	3.792696034
1.930385	1.045685	3.933628713
1.944175	1.13238	12.00763612
1.985145	1.190235	61.32026227
1.86943	0.956135	7.574257752
1.54401	0.302115	1.671263083
1.78293	0.81711	69.93838375
1.79575	0.81334	14.15011975
1.39066	0	63.4696981
1.826105	0.862565	14.76454888
2.078105	1.28829	17.99774858
2.08458	1.31272	65.53743972
2.037455	1.248035	170.2123228
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1.943885	1.156985	49.60859625
1.923	1.0925	1.913755497
1.465215	0.400535	1.348502906
1.88183	1.072635	24.89305224

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1.282595	0	52.78199029
1.84059	0.998625	36.42424244
1.80545	0.96612	23.5926394
1.76451	0.91952	38.91348221
1.688105	0.8366	16.03720408
1.250125	0	44.53106114
1.25693	0	19.8147546
1.704895	0.841495	25.84238347
1.751985	0.916605	36.07178668
1.826095	0.9542	1.229807859
1.79154	0.859795	26.14289463
1.34243	0	30.98832726
1.85018	0.96869	106.2596692
1.80881	0.92861	44.80943221
1.75719	0.850905	31.12082143
1.31852	0	34.6110825
2.109895	1.107465	235.6029952
2.1065	1.15399	114.4140876
2.09381	1.17753	119.156536
2.07451	1.19565	67.95640629
2.044405	1.20174	126.3256872
1.912325	0.982385	56.29309
1.85433	0.933595	28.09487026
1.765735	0.85067	67.43388487
1.32863	0	67.29676858
1.775515	0.92116	69.46269887
1.73379	0.845465	25.5079395
1.3078	0	52.89886871
1.78803	0.960145	91.03604487
1.733055	0.913785	18.15162675
1.679545	0.83398	29.67313369
1.242855	0	38.49891393
1.402245	0	0.314872323
2.053615	1.289055	108.50507
2.06999	1.30375	22.93787184
2.05766	1.29484	144.8651599
2.055335	1.29332	167.9059005
2.05213	1.28992	0.303262147
2.044675	1.282875	38.76327672

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2.054565	1.326955	12.35300084
2.04498	1.322265	78.56817456
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2.05724	1.265605	58.2175424
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2.03919	1.281565	26.30167034
2.061435	1.262985	111.0057902
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1.81292	0.96647	33.08746374
1.89267	1.14808	37.06292731
1.8496	1.1083	86.88782632
1.83871	1.106285	68.70941881
1.82384	1.1024	57.87924539
1.81125	1.09772	66.16431839
1.712975	0.942825	63.0682313
1.76773	1.084135	67.22589992
1.68082	0.89549	45.11110772
1.64203	0.81784	45.11047162
1.20518	0	79.38354593
1.710475	1.020985	46.18194069
1.181725	0	11.25956999
1.680955	0.97741	11.82671784
1.65645	0.946555	33.08275782
1.635875	0.91325	23.27990987
1.608775	0.873955	110.6826656
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1.14671	0	39.57791793
1.77484	0.92225	63.71346034
1.70775	0.8413	52.65256811
1.272925	0	46.62486133
1.75106	0.851735	34.13924781
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1.934215	1.2357	49.0174232
1.91939	1.196675	36.49119888
1.87807	1.18696	51.5999872
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1.87195	1.186395	31.92718542
1.84633	1.160285	45.33793752
1.8198	1.15284	45.51738002
1.71076	0.89915	6.133043783

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1.80061	1.13509	14.56569057
1.790355	1.11719	28.61430164
1.76555	1.104665	32.63713157
1.739265	1.080105	80.41178839
1.74228	1.091955	13.68462782
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1.72409	1.054135	35.03782205
1.701865	1.037845	27.86409873
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1.662785	0.96333	15.10483954
1.6519	0.944615	124.4939529
1.62961	0.915725	57.281135
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1.57171	0.79862	46.03352887
1.162535	0	58.56440795
1.57341	0.738725	27.80721804
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1.37021	0.38603	13.01416398
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1.68049	0.835035	36.29647658
1.22071	0	56.43449482
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1.632755	0.820565	37.41353515
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1.63149	0.850235	45.88484082
1.66045	0.888775	42.06650435
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1.774485	1.06019	80.88890515
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1.802245	1.07992	42.62007604
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1.82163	1.10644	122.5772174
1.827715	1.10623	65.85418834
1.654405	0.828285	25.63541566

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1.18848	0	81.70306883
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1.722405	0.95117	5.803159898
1.74135	0.84696	52.57868801
1.299335	0	66.51715689
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1.793965	1.008025	45.5565023
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1.713615	0.94749	64.11514478
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1.627445	0.82393	17.94469724
1.203675	0	24.73297257
1.18687	0	26.76570352
1.618705	0.817505	19.0051404
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1.70281	0.9457	15.58101313
1.72338	1.000685	14.10197294
1.20351	0	29.12529812
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1.85619	1.14312	10.68160976
1.86123	1.158315	8.692780399
1.163695	0	99.93367692
1.584475	0.801075	10.78960831
1.63727	0.880975	55.80758554
1.663125	0.925315	25.9107758
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1.28728	0	52.45864164
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1.89451	1.165865	80.10577816
1.90173	1.206735	31.94608027
1.913045	1.20791	41.62132038
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1.29935	0	50.53705985
1.720555	0.8428	21.00685954
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1.766335	1.02964	2.054339907
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1.6515	0.82511	0.791401314
1.33323	0.3005	2.148971106
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1.68129	0.83494	23.27387435
1.24175	0	29.5105022
1.69233	0.899755	37.84510396
1.65867	0.828165	31.8468683
1.22115	0	54.89371879
1.790795	0.921	64.76768271
1.396425	0.144725	0.071398669
1.733185	0.844015	50.4526103
1.27918	0	57.00491141
1.75955	0.8503	49.28725109
1.30064	0	70.47489446
2.07882	1.276715	270.1416557
1.87868	1.08211	9.020107693
2.019015	1.278575	12.68476923
2.034765	1.27593	146.7461462
2.05965	1.28079	96.60193077
1.903275	1.070395	9.652724512
2.038225	1.305515	36.76339824
2.023645	1.293795	145.3407702
2.007525	1.24675	9.802770916
1.8552	1.061215	26.42739501
1.80646	1.0386	73.07656326
1.306385	0	45.85334016
1.76389	0.96487	23.71373783
1.783215	1.01783	31.77270452
1.23672	0	70.43522978
1.654675	0.83072	33.26178072
1.227945	0	39.7142089

1.18987	0	60.80595194
1.60146	0.806655	44.21124288
1.6376	0.95138	62.86889434
1.651205	1.006555	50.43352416
1.662295	1.01686	25.93609875
1.66533	1.022	64.46532664
1.55577	0.78091	40.60494053
1.14493	0	21.56660447
1.5737	0.797375	20.06348799
1.16305	0	40.4048888
1.18516	0	37.9861022
1.596445	0.80148	43.32297538
1.63096	0.882475	34.88498706
1.7087	1.084775	13.41747039
1.651205	0.930435	34.98714908
1.714775	1.08524	74.36504827
1.710545	1.07821	216.3101411
1.721045	1.081825	45.75399798
1.57634	0.791865	54.77329819
1.15968	0	94.90570737
1.65559	1.01566	97.5997274
1.748005	1.07101	18.91434127
1.650725	1.00612	62.5838163
1.658845	1.01143	75.56784347
1.674725	1.02344	85.31729176
1.71717	1.06876	102.7273804
1.69308	1.03879	10.49605769
1.607765	0.81605	52.78640484
1.189885	0	41.0324069
1.78455	1.01019	2.616922353
1.872375	1.137695	32.14901648
1.833005	1.12545	66.76736891
1.806465	1.11427	30.98686158
1.791865	1.106705	24.13029766
1.761595	1.09177	42.06783202
1.73691	1.08106	39.25833988
1.728045	1.073205	24.50153869
1.7216	1.07022	61.7208593
1.783	0.925565	40.7255039
1.700695	0.83969	111.9755199
1.261545	0	15.84669105

1.815255	1.037805	29.36034628
1.774755	1.009895	43.18056243
1.75368	0.98275	24.23929085
1.731045	0.950695	91.28633294
1.705745	0.910445	61.90222885
1.65293	0.8317	25.50992931
1.2254	0	21.52819441
1.795745	0.975195	27.80543018
1.755325	0.92396	25.85983873
1.696195	0.84162	45.78856163
1.254885	0	41.78887385
1.91472	1.13371	156.8721153
1.714005	0.92179	6.321071238
1.921185	1.143575	90.25537792
1.810695	0.93923	13.25216536
1.880715	1.132195	68.36198927
1.762255	0.852365	114.3232528
1.33325	0	85.88570814
1.9923	1.257525	116.4468098
2.007485	1.27545	18.27036991
2.01368	1.282705	116.8027953
2.01656	1.296265	2.861523589
2.02162	1.28381	4.737021297
1.952475	1.232485	45.37279537
1.96374	1.24627	5.453413436
1.928635	1.223205	52.35637839
1.91678	1.218405	111.4973789
1.89155	1.20863	114.6978582
1.870135	1.19625	102.6163597
1.854925	1.163445	0.623723891
1.86571	1.191505	31.47962305
1.83441	1.170185	5.794378359
1.853525	1.17861	243.4408764
1.677135	0.910065	0.860233607
1.756215	0.92837	25.64140976
1.778705	1.00185	43.42938741
1.688165	0.84217	18.26807253
1.23988	0	54.20888691
1.277385	0	104.9192538
1.794825	0.97018	35.74575132
1.777045	0.92983	72.37673485

1.725935	0.85122	84.05672468
1.275285	0	16.5632939
1.76276	1.050275	33.80339746
1.732025	1.0233	24.0691618
1.69633	0.993265	52.10131802
1.683545	0.97149	77.52609351
1.65687	0.94041	24.53291899
1.620665	0.887395	47.40824344
1.575835	0.80372	38.10296144
1.151385	0	52.42985205
1.880555	1.165395	26.52107039
1.84387	1.11298	35.97117314
1.856455	1.157645	43.6470306
1.75146	0.994205	24.26051238
1.712885	0.95683	25.94583035
1.675165	0.9051	6.017288102
1.61756	0.819905	26.40058891
1.19566	0	32.29719103
1.82743	1.103865	36.31276263
1.805065	1.091335	30.25928841
1.786495	1.077255	45.5118406
1.769575	1.06614	97.32843771
1.73906	0.986295	17.04077611
1.68717	0.90901	57.68751269
1.64906	0.830085	36.86645243
1.2275	0	63.52786403
1.70515	0.943765	67.1639559
1.672205	0.897605	117.6890231
1.6354	0.82284	37.54883492
1.19817	0	140.7339728
1.83572	1.08253	45.69546114
1.76915	0.92902	84.43889631
1.813315	1.06425	9.722528914
1.70338	0.84506	35.19474978
1.2687	0	67.4003289
1.765055	0.96681	26.53928497
1.730745	0.921035	94.48892372
1.67214	0.83827	49.4464815
1.2219	0	15.05526838
1.573435	0.79875	20.42885668
1.154735	0	72.85072303

1.745855	1.069525	178.4656737
1.75397	1.08352	132.2136039
1.76624	1.102485	162.7767763
1.774775	1.12021	71.58336082
1.786045	1.131575	43.14929963
1.649215	0.908155	37.6612882
1.78251	1.12823	35.64446185
1.689465	0.83332	46.66367083
1.268005	0	80.66597427
1.78837	1.09169	114.6208634
1.81856	1.10063	182.6163618
1.61903	0.862165	52.40767519
1.49273	0.717735	184.5399381
1.494345	0.703615	37.42751148
1.663205	0.851705	144.9636542
1.77719	0.87679	108.6874945
1.462275	0.563845	37.77951796
1.437975	0.488235	37.25389089
1.659325	0.682805	26.85403226
1.713115	0.78146	63.67090825
1.30392	0	39.43336631
1.726955	0.836535	53.93830226
1.826345	0.94885	58.32410026
1.855215	1.04005	55.39308153
1.837755	1.0691	27.10364326
1.923355	1.13096	158.9914607
1.802585	1.055935	37.51962152
1.8757	1.130135	32.14000818
1.913765	1.13316	157.7759438
1.28345	0	185.5955322
1.39041	0	198.424731
1.991315	1.153305	97.60335507
1.821505	0.85081	120.3338224
2.090685	1.164935	327.6983318
2.11175	1.13463	202.223206
1.73907	0.982995	0.849930615
1.76926	1.03064	89.11195313
1.761595	1.01528	79.4646737
1.22772	0	80.40899024
1.66793	0.832465	17.08899612
1.668565	0.89734	37.64924515

1.618985	0.81565	54.08492149
1.20519	0	106.4592328
1.732065	1.046335	9.393867761
1.71524	1.029415	33.13964638
1.68905	0.956835	4.180832841
1.23644	0.146705	4.114750253
1.660735	0.896535	48.5904524
1.62487	0.821585	26.23152251
1.198335	0	39.99312467
1.60569	0.812865	65.77352219
1.274645	0.179435	1.317444363
1.19436	0	65.75782518
1.832625	1.166995	30.9855743
1.82397	1.15991	65.75587624
1.81366	1.152145	73.607537
1.797275	1.159025	90.37194575
1.81016	1.1471	88.1069139
1.15749	0	146.335878
1.56064	0.77451	126.2600183
1.587955	0.851835	55.60319631
1.60572	0.89319	80.96520749
1.625555	0.923455	73.14012626
1.18149	0	104.9474815
1.14412	0	75.79452341
1.560705	0.79236	13.62827556
1.62123	0.914915	7.301680339
1.1677	0	121.700679
1.63861	0.94688	53.64076202
1.650155	0.96569	66.27503181
1.69985	1.030755	6.087781011
1.705795	1.051745	19.87859786
1.72943	1.103755	22.89064062
1.614605	0.86686	52.89874927
1.66947	1.006775	23.50029924
1.74567	1.10303	142.0787335
1.78377	1.12135	27.42441734
1.17736	0	50.186533
1.59669	0.812605	32.79511839
1.634665	0.88565	49.6815725
1.66218	0.929085	23.2123815
1.58533	0.79624	117.9474126

1.176175	0	100.4026089
1.76021	1.128845	0.021587033
1.759155	1.12716	37.38826301
1.744575	1.08889	49.90061844
1.73498	1.08323	79.50962716
1.67292	0.920365	1.931670844
1.32269	0.369005	2.040711758
1.623505	0.820535	59.58205459
1.19917	0	86.09520943
1.669205	0.966615	3.517543907
1.685565	1.009745	16.83561438
1.69172	1.025105	1.383008724
1.174775	0	68.55109944
1.634745	0.92707	21.88275255
1.60789	0.874505	32.95856611
1.563335	0.79527	20.86997475
1.14624	0	74.68032993
1.66979	0.964925	33.56784603
1.614565	0.817145	55.51967314
1.17718	0	23.35530916
1.178145	0	16.82055988
1.18223	0	72.39063072
1.411815	0.54146	0.020534118
1.682075	0.936415	80.41539599
1.662935	0.895195	77.66850438
1.621185	0.819495	59.98320355
1.198725	0	68.18079699
1.69234	0.97705	21.67814747
1.638495	0.827395	68.34647433
1.197645	0	22.44262625
1.61242	0.82345	48.52832969
1.189785	0	30.7997273
1.226475	0	75.61590925
1.7315	1.088525	23.16810285
1.75777	1.10656	48.29567798
1.8108	1.15033	13.05300726
1.814895	1.15249	7.757147502
1.79282	1.140905	45.20929423
1.77908	1.12713	9.638819778
1.773635	1.101215	54.70605983
1.772075	1.10153	190.5611795

1.6607	0.95846	48.33367361
1.636495	0.925675	21.80410284
1.5999	0.87691	59.12179034
1.56696	0.80577	25.24056443
1.14547	0	53.76543876
1.716875	1.080795	42.67759142
1.70761	1.0744	19.57378068
1.699325	1.06825	44.75456342
1.776045	1.12679	8.745131437
1.638835	0.84616	58.56930032
1.7787	1.12439	9.987060558
1.78846	1.1251	158.7178213
1.805875	1.14395	108.1081923
1.202545	0	93.88234802
1.189085	0	27.40933392
1.81077	1.138055	104.4647427
1.818525	1.13693	28.27652571
1.793295	1.15077	49.58970562
1.79725	1.146805	66.30831456
1.81171	1.145525	48.37835049
1.82374	1.14841	52.88143887
2.00438	1.25839	76.24693173
2.010755	1.26715	162.6405997
1.79197	1.16747	18.83869086
1.717405	0.97852	0.022588714
1.153755	0	39.32291163
1.572755	0.803015	23.97512635
1.60951	0.874165	47.1017039
1.6468	0.91944	45.9600841
1.675115	0.949905	18.93545378
1.73798	1.08982	59.03412212
1.729115	1.080395	19.47749762
1.676195	1.026315	11.86471033
1.661185	1.01587	45.71146155
1.6608	1.012505	67.45991274
1.67301	1.02331	6.95572212
1.72257	1.0759	23.42232944
1.743575	1.06843	0.50180548
1.74061	1.088225	65.20594071
1.79399	1.133165	78.36857304
1.748755	1.015105	0.416984916

1.80878	1.141375	24.4830081
1.665605	0.92875	23.02799891
1.63687	0.884265	43.96355319
1.59435	0.81171	24.93187908
1.178085	0	21.87791446
1.63301	0.91377	0.374854105
1.7442	1.060355	53.79365885
1.74984	1.05618	32.5376931
1.68771	0.940245	32.91156607
1.538585	0.670775	0.09619631
1.698015	1.011835	51.44946121
1.666115	0.930705	16.78439395
1.64541	0.88986	49.99576794
1.603955	0.81671	15.30845589
1.17985	0	18.65134934
1.634805	0.87675	110.518965
1.590035	0.809115	22.75867028
1.15887	0	25.21091933
1.66806	0.812905	0.23696888
1.260695	0	40.630181
1.753095	1.0086	57.63652294
1.723005	0.957665	0.224286112
1.76994	1.0244	44.74985929
1.764355	0.960775	14.20361398
1.790175	1.04112	56.12700015
1.836685	1.1538	78.37276217
1.870945	1.16781	84.09314752
1.902	1.21741	6.346100791
1.91716	1.23698	29.14117742
1.945855	1.24031	122.0606081
1.983265	1.24499	74.59857162
1.99364	1.253165	24.28313537
2.004405	1.271035	37.86168436
2.01194	1.28509	60.45800546
1.841825	1.083195	20.9315997
1.812805	1.066975	32.57445054
1.781275	1.048715	17.87258819
1.77069	1.025625	119.6133653
1.73384	1.004935	30.18958413
1.70954	0.9857	101.9706266
1.69406	0.963935	57.85787874

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1.58707	0.807505	46.57428509
1.16931	0	44.08431875
1.71833	0.910415	15.8101374
1.678625	0.836185	90.68626063
1.239405	0	68.20814167
1.789195	1.086935	29.80982468
1.71773	0.91608	12.09781637
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1.772045	1.077105	73.62725361
1.664885	0.836285	20.12823614
1.22693	0	59.81257699
1.22919	0	54.19046868
1.66166	0.83588	25.63091099
1.66964	0.95594	60.96737302
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1.612	0.897635	26.84258892
1.567585	0.85514	36.91196706
1.565325	0.88452	33.65595589
1.601055	0.916555	20.56542125
1.630225	0.944255	20.38020789
1.64787	0.958385	16.31230272
1.715685	1.01097	18.47041518
1.745045	1.02716	25.158426
1.77637	1.034475	60.30321244
1.829645	1.109115	28.94755417
1.792035	1.04312	10.89308828
1.7855	1.026105	124.6037938
1.852795	1.08571	33.3208711
1.801025	1.06592	62.21480095
1.75648	1.05251	177.9513126
1.721255	1.040395	90.59569449
1.69568	1.024415	33.56318104
1.683985	1.01246	68.90769
1.65997	0.992905	36.6928445
1.65047	0.978525	57.3460977
1.62993	0.95758	46.3204611
1.61327	0.93362	25.87796132
1.592285	0.89987	26.66638186
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1.238565	0	63.01250411
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1.746675	0.913245	26.31901517
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1.24251	0	83.00171147
1.68662	0.834545	101.8671077
1.637185	0.75391	38.34003306
1.34084	0.254355	195.2186475
1.67856	0.916515	19.13643461
1.340335	0.28953	28.69807889
1.71148	0.95687	36.39877893
1.742945	0.98617	55.5337027
1.75733	1.024115	20.45130076
1.784085	1.045255	16.32810423
1.82663	1.06922	26.15798548
1.837785	1.100805	40.99697586
1.84288	1.11615	33.26036741
1.850525	1.137065	3.24769128
1.855645	1.14791	32.63562772
1.859765	1.155175	39.95288647
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1.230895	0	93.83452168
1.682465	0.833225	28.35851717
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1.61201	0.80892	57.03938943
1.184315	0	46.80634079
1.683485	0.83318	55.6325957
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1.26988	0	60.18948175
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1.89504	1.1637	11.29507091
1.92102	1.167015	83.26536727
1.9416	1.205805	75.21512578
1.92826	1.1659	16.09370629
1.297015	0	45.53974979
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1.615165	0.81609	7.791092686

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1.716955	1.000175	25.15534579
1.732245	1.03952	9.378763371
1.75669	1.055275	21.05784469
1.77894	1.06689	46.6988176
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1.61172	0.81399	25.28774345
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1.715125	0.98096	40.64191723
1.730165	1.001245	77.49745442
1.756455	1.073295	13.42208674
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1.191435	0	78.18988279
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1.189095	0	27.51940002
1.679755	0.958055	37.71559078
1.62481	0.82047	25.15573178
1.22063	0	43.85267723
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1.27063	0	85.83539534
1.91021	1.17048	47.3883534
1.78972	0.9607	65.44843821
1.761705	0.938305	21.91304278
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1.75931	0.910695	27.2692649

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1.154545	0	30.21744266
1.64185	1.02858	8.646116087
1.663715	1.087105	24.50537538

1.629525	1.017145	43.8735091
1.128395	0	45.4994863
1.6028	0.980525	14.11690268
1.52742	0.78054	51.76964146
1.564865	0.901215	33.02810635
1.59073	0.96821	23.51043015
1.59385	0.97081	70.06004275
1.595135	0.94301	36.57980583
1.612345	0.98507	33.20917079
1.58256	0.9248	47.95155788
1.567565	0.902435	29.47433312
1.11495	0	10.0337538
1.51424	0.77759	12.98207475
1.50695	0.79116	18.42913829
1.478275	0.73734	31.70757191
1.319565	0.539215	41.13543451
1.117455	0	37.2219809
1.51856	0.780425	24.12367867
1.099435	0	36.20947331
1.49796	0.765285	27.1488537
1.52496	0.831565	46.85382076
1.55172	0.87518	45.40176932
1.532345	0.83619	23.74317859
1.4967	0.762155	34.58390571
1.10208	0	79.11276605
1.148145	0	55.87939394
1.55838	0.791025	17.49683981
1.598185	0.86536	50.48404091
1.631095	0.912585	9.211677568
1.657875	0.985135	7.648638166
1.67992	1.00516	30.66700692
1.69086	1.01858	30.62825397
1.7046	1.031745	17.18433797
1.72603	1.0886	24.28481941
1.740465	1.093115	41.53159834
1.75923	1.11914	9.603879418
1.75279	1.09534	79.08259647
1.761785	1.121015	82.16943725
1.56638	0.79696	24.37632042
1.159275	0	29.74417367
1.64747	0.960145	20.66145502

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1.60426	0.902175	52.82115293
1.577465	0.85965	22.73343664
1.54233	0.785655	21.23253279
1.13876	0	39.48913946
1.64671	0.922185	33.8824855
1.56898	0.80081	3.597263995
1.193665	0	28.84550071
1.15397	0	27.95842346
1.77619	1.12946	0.645279048
1.77524	1.125815	25.53608474
1.697715	0.91442	0.729000591
1.79749	1.153265	32.77125045
1.798665	1.1598	26.04514321
1.80075	1.16766	23.08135425
1.805825	1.18397	25.22464127
1.805225	1.185305	52.21534036
1.810045	1.18595	29.39702694
1.431495	0.49881	0.436705908
1.836875	1.20196	68.95221218
1.834645	1.19643	0.375456736
1.68949	0.97701	89.5076114
1.62875	0.818565	49.31385436
1.215555	0	26.68970829
1.64475	0.88516	16.06957105
1.609155	0.813	16.16696752
1.19836	0	61.5694679
1.6526	0.81906	0.429479883
1.251555	0	26.31392776
1.91521	1.24406	51.63259862
1.9132	1.252095	44.06678252
1.90937	1.250895	100.5718413
1.912545	1.251285	42.56938754
1.91215	1.270025	60.54363797
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1.929745	1.283665	83.14385222
1.937045	1.283655	51.12906141
1.928455	1.27906	35.04282565
1.932345	1.265135	31.80464808
1.93223	1.26462	93.37078057
1.97472	1.280625	63.47169572

1.96428	1.2816	97.39608447
1.955885	1.29665	40.81851816
1.97327	1.280515	12.52633513
1.975215	1.277725	27.54235946
1.9794	1.27014	34.50357838
1.744225	0.976555	41.48310918
1.721025	0.944655	48.25148762
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1.7851	1.050805	104.8631004
1.72941	1.003935	4.457648092
1.74694	1.050055	19.96140344
1.636625	0.82682	4.033282619
1.22041	0	50.99841074
1.698555	0.96661	41.85354387
1.31569	0.28167	4.272072239
1.672315	0.936625	66.75273858
1.632205	0.88879	22.38500813
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1.16921	0	30.74477867
1.760095	1.036835	24.38777425
1.736965	1.017035	48.85388987
1.646675	0.82546	36.52898183
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1.231585	0	44.43995816
1.62598	0.88316	35.43167503
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1.17601	0	40.38036548
1.71981	0.99072	16.33149394
1.68108	0.958075	18.51587002
1.65305	0.92368	53.74076105
1.621055	0.87816	37.9171631
1.579385	0.80632	132.1405129
1.163395	0	50.28055449
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1.70794	0.901515	7.801550708
1.692075	0.89673	25.90871278
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1.21059	0	50.61466021
1.64171	0.821325	50.00196725
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1.520135	0.77459	20.21569516
1.55315	0.847925	26.47454352
1.60755	0.9631	25.29217042
1.581105	0.894145	45.73691693
1.61922	0.979115	31.00715208
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1.79675	1.184905	38.05098209
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1.879295	1.257765	71.09959953
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1.531025	0.783595	39.57957517
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1.948885	1.23305	68.24481754
1.93339	1.20857	0.111900312
2.00417	1.08671	25.83676938
1.942765	1.24784	130.5021234
1.966085	1.230405	88.32006728
1.846415	1.088755	5.913962148
1.859495	1.130425	22.28580962
1.854925	1.136225	140.8668224
1.850525	1.157045	78.50812196
1.816255	1.016555	78.53582159
1.828845	1.067725	33.4976839
1.24783	0	6.431559766
1.78778	0.92878	240.3627894
1.791	0.98762	33.19362489
1.80121	0.91477	93.17899063
1.712185	0.819175	105.1146389
1.292845	0	131.831439
1.27732	0	119.2762043
1.68291	0.828395	66.67441793
1.23964	0	125.0228459
1.373375	0.232475	2.058919702
1.720795	0.90672	63.12687782
1.672515	0.825215	67.33283598
1.25827	0	112.5820584
1.28082	0	87.25291521
1.261685	0	52.4655153
1.690095	0.83236	20.45601331
1.71501	0.94247	24.42838967
1.66818	0.892775	43.65517995
1.60689	0.80841	72.76921002
1.18366	0	48.55212181
1.98384	1.23801	26.3126283
1.99408	1.237775	130.1207456
1.989645	1.2095	8.166607759
1.97635	1.20404	66.09780985
1.986225	1.203325	105.7531438

1.9886	1.2022	174.6087939
1.98241	1.205895	39.54868942
1.982005	1.20607	74.33544437
1.97582	1.204715	82.0943392
1.97496	1.204625	11.4185629
1.972285	1.20126	72.09473051
1.971415	1.20558	87.91912028
1.96731	1.211205	0.450925947
1.33413	0	0.474771155
1.970175	1.2133	60.96710438
1.966315	1.21584	77.59980519
1.704515	0.830575	2.999433759
1.90986	1.20342	67.12252287
1.92959	1.2051	117.2838872
1.940985	1.206915	36.10591066
1.95463	1.21466	87.693344
1.907815	1.193655	3.229303282
1.899005	1.19806	185.117428
1.88453	1.20673	106.3023657
1.888225	1.188555	37.96697342
1.89555	1.20484	58.8491036
1.908195	1.20314	56.03730792
1.93201	1.209405	9.464722492
1.967105	1.26882	24.03687274
1.962625	1.268105	98.75300194
1.963385	1.259955	82.40993225
1.51348	0.76836	14.50154517
1.551165	0.84999	22.48160114
1.570605	0.896445	64.64623356
1.58439	0.925955	50.91812771
1.6051	0.956675	15.3146971
1.622755	0.980705	35.04175542
1.64473	1.00331	13.88991574
1.660945	1.01909	50.29577133
1.669115	1.02733	50.957888
1.687285	1.03969	46.91579614
1.699285	1.04417	94.21618245
1.706135	1.04076	51.67266927
1.718845	1.04966	37.21519069
1.73194	1.052145	71.4952352
1.745495	1.058575	43.52659905

1.75509	1.064815	69.33254633
1.769435	1.07114	85.55546078
1.78839	1.07979	48.08112994
1.81102	1.092505	17.40654671
1.81594	1.11728	95.02420051
1.68587	0.898375	36.65533585
1.598845	0.868965	12.01522423
1.17138	0	13.23245958
1.634815	0.91761	15.39092746
1.654785	0.949365	43.99115223
1.676415	0.974115	52.82104465
1.193365	0	55.89026921
1.31377	0.328865	1.62764349
1.707885	1.013315	35.31205659
1.71934	1.027955	1.761380917
1.733285	1.06649	24.91639361
1.2117	0	32.56462371
1.62923	0.85264	0.617122913
1.74878	1.07729	36.64038494
1.816545	1.116765	55.3675214
1.83436	1.17747	13.16828795
1.8624	1.1859	34.6872179
1.860085	1.18301	6.137149862
1.889095	1.21455	21.76863704
1.805695	1.024355	3.816826547
1.535295	0.659045	4.105045649
1.74691	0.99318	15.25301634
1.73007	0.970485	53.53394614
1.69948	0.93671	30.25759663
1.67159	0.891615	39.52068613
1.623415	0.81496	28.16654225
1.208485	0	67.84853195
1.756215	0.91427	1.838925175
1.8137	1.064975	13.5970059
1.706015	0.83743	23.61516961
1.37311	0.305495	1.222811686
1.27317	0	29.09620086
1.74687	0.948755	24.21768181
1.76307	0.9908	1.10753623
1.70757	0.901295	45.84479036
1.660345	0.826805	15.91288616

1.232115	0	33.04603098
1.79015	1.0958	25.31702353
1.75327	0.99977	9.472297029
1.73037	0.97295	65.82598161
1.705625	0.94156	27.21894636
1.680565	0.89762	20.85360982
1.63996	0.82087	35.03879816
1.21711	0	15.21400744
1.736505	1.007145	26.03351662
1.704775	0.92152	5.787710338
1.284265	0.202495	4.91585787
1.655135	0.82386	92.10085132
1.237935	0	27.32203919
1.23779	0	36.13561467
1.643215	0.821695	3.389323745
1.311655	0	85.78419767
1.736615	0.910305	30.15318259
1.740365	0.93384	1.048856597
1.610405	0.72916	51.26256242
1.458825	0.48474	63.64593228
1.61928	0.666835	113.1681393
1.75849	0.91409	35.71466034
1.783465	0.993295	20.85997214
1.790425	1.02408	97.72233356
1.72567	0.83723	105.6572253
1.292015	0	104.1267676
1.25533	0	64.16469947
1.78098	1.038525	17.87101772
1.75896	0.972655	13.70548252
1.704915	0.929535	45.03829651
1.657245	0.883365	135.7918515
1.61423	0.810245	39.9710979
1.191935	0	61.76226445
1.232385	0	31.66356158
1.66024	0.82273	49.24936096
1.309705	0	55.42693819
1.40496	0.218985	0.10209662
1.801265	1.01811	18.42921236
1.73951	0.83996	53.79512547
1.317975	0	99.47921038
1.7351	0.90859	28.69302183

1.679835	0.82706	78.91066101
1.22945	0	72.71535333
1.251485	0	61.3903778
1.709025	0.83703	58.65381576
1.76461	0.9197	33.66620027
1.8164	1.052365	31.42459076
1.7577	1.020535	40.12735922
1.72226	0.99211	29.34841889
1.68812	0.95992	30.58263939
1.65652	0.923395	34.5068015
1.625585	0.877135	26.94885192
1.57752	0.795785	40.57119379
1.166725	0	29.10462807
1.767805	0.916085	39.37977383
1.715465	0.831205	29.62734643
1.29909	0	153.2365409
1.336935	0	42.90086194
1.88733	1.133725	122.8516117
1.885255	1.137085	156.8416052
1.80583	0.896	8.390164556
1.904805	1.155775	45.05285248
1.89177	1.15153	77.02662774
1.2893	0	34.56933048
1.31448	0	51.45333124
1.43974	0.387235	3.003520443
1.87195	1.06748	32.46810527
1.89044	1.126275	98.10263128
1.886835	1.12751	8.607225132
1.7864	0.85324	19.95154788
1.829315	0.98589	24.01706213
1.84867	1.04523	17.96530151
1.30255	0	44.55314757
1.296215	0	93.51782252
1.356835	0	84.75840225
1.7884	0.97934	232.9520481
1.788705	0.93493	39.0383505
1.275185	0	83.36486839
1.75406	0.914295	22.62707063
1.688995	0.829155	83.34767765
1.2749	0	75.19861704
1.26725	0	146.5517998

1.726165	0.910565	18.75124229
1.752125	1.036135	36.32318885
1.977015	1.29259	72.24913072
1.98253	1.29274	40.17738517
1.96669	1.270005	11.73253294
2.006315	1.266235	0.05143005
2.01689	1.272945	132.2208609
2.034455	1.26826	24.53628913
1.93899	0.98523	29.28222412
2.14106	1.07247	1210.2341
1.998945	1.306455	58.0716578
1.873375	1.05005	0.127066164
2.082625	1.022765	1238.488866
1.93513	1.13394	33.36062352
1.70491	0.837115	6.258576785
1.71775	0.888805	12.94923053
1.63609	0.75988	12.03915743
1.4036	0.407515	16.47461735
1.40003	0.43208	12.7848667
1.71923	0.90474	25.75170291
1.743195	0.97672	6.264753227
1.63855	0.76591	17.74805419
1.67915	0.83139	29.84603531
1.234155	0	27.7075306
1.22531	0	41.25917449
1.49952	0.52483	43.01504905
1.69448	0.83397	42.15210607
1.655845	0.736155	3.633637619
1.24712	0	22.40835272
2.05271	1.27042	114.6601582
2.085485	1.28012	69.74534262
2.119255	1.322885	38.99583554
2.139355	1.305575	425.6434981
1.766265	0.916805	55.71519898
1.731075	0.84439	35.32940634
1.283785	0	28.37864311
1.878605	1.13866	28.12506105
1.843245	1.127375	26.64549169
1.812775	1.114285	18.64337015
1.699095	0.89409	3.921206642
1.76526	1.06966	11.98495321

1.774725	1.094265	15.71485726
1.77949	1.10208	29.76431845
1.340765	0.34319	3.337412976
1.66075	0.821515	58.57471415
1.248125	0	33.3112794
1.65593	0.82227	66.14987083
1.71075	0.986055	48.68598476
1.7211	1.009865	1.756586225
1.22236	0	41.35469034
1.654745	0.88649	42.34686396
1.68142	0.957295	5.586288759
1.194335	0	36.46515958
1.193605	0	20.66842079
1.21746	0	111.6687982
2.089965	1.28607	170.2581095
2.05811	1.272525	176.4403974
2.0537	1.26967	82.00539703
2.02804	1.216715	11.67971091
1.93372	1.234245	10.13445225
2.05729	1.356935	101.0273747
2.058185	1.358425	33.79256107
2.05979	1.35982	13.4294414
1.88358	1.17293	5.648064045
2.06557	1.36477	30.2473832
2.06043	1.360955	56.77760995
2.085845	1.35396	200.7474755
2.05867	1.31189	5.789379607
2.087345	1.355665	129.9258078
2.045855	1.265545	69.41936696
2.074315	1.287765	348.0850176
2.082585	1.34638	114.2856806
2.04324	1.255135	160.8461508
2.04989	1.24237	44.92111463
2.042525	1.23736	127.7598841
2.036175	1.234955	213.8236635
2.04363	1.243	86.20663985
2.017595	1.260885	7.442049171
2.080405	1.312045	120.9186048
2.08981	1.3177	96.87304093
2.08958	1.352275	25.80264395
2.093775	1.354515	48.41204724

2.014395	1.319235	41.75448535
2.060005	1.37784	51.96973234
2.0599	1.381175	44.5454
2.05227	1.37688	16.72115492
2.03268	1.37518	125.1723506
1.783905	0.98292	5.586677858
1.8307	1.100335	21.89622859
2.009005	1.36557	126.3016137
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2.013195	1.359915	87.59743653
2.01197	1.358765	5.355238114
1.775665	1.005365	1.745388552
1.65933	0.757255	6.162966195
2.01029	1.350065	1.974642954
2.011615	1.355785	48.7736442
2.00633	1.335895	102.0335482
1.99014	1.331665	40.36145157
1.779135	1.01049	8.781613967
1.79737	1.06071	18.87639303
1.98131	1.3283	67.77615447
1.97224	1.32465	60.49887125
1.256025	0	64.49666576
1.66343	0.827055	3.856885226
1.92556	1.116885	7.258746676
1.96221	1.27137	48.50397224
1.957385	1.26004	4.525197386
1.957055	1.26413	50.12067418
1.94783	1.24831	2.162159337
1.75728	0.97006	97.78411296
1.63038	0.81559	4.004833412
1.70954	0.931945	23.29179623
1.492655	0.59285	3.609957252
1.324185	0.16471	1.437004697
1.63831	0.724995	16.21575637
1.677805	0.795315	82.42178914
1.792275	0.99589	4.323387825
1.731655	0.856735	30.2620318
1.812745	1.0348	2.887611196
1.830065	1.06134	41.59287551
1.79427	1.04304	61.6190917

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1.65007	0.824955	1.739297517
1.71706	0.9973	17.74484654
1.66561	0.911365	0.94398785
1.63015	0.81994	21.57217903
1.20125	0	25.05321106
1.231025	0	45.5775898
1.26819	0.17958	1.437921851
1.686665	0.874035	2.924498072
1.931645	1.248785	87.31451149
1.930855	1.247715	11.41487419
1.92166	1.24521	42.29289462
1.90198	1.202885	0.119772618
1.75051	0.94546	87.38929247
1.71345	0.90372	35.53762474
1.67142	0.829245	23.93312586
1.246435	0	47.32931685
1.201385	0	37.70778251
1.63401	0.81919	25.19156856
1.714175	0.942145	72.56611972
1.26594	0	55.28618597
1.74877	0.974935	18.9150089
1.81489	1.086575	8.193916014
1.83136	1.12984	17.20673359
1.82242	1.08636	0.508600983
1.713955	0.904305	7.215647276
1.76273	1.032555	26.26483608
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1.647745	0.822325	42.84468722
1.21526	0	26.53630187
1.707285	0.938785	57.18034401
1.661805	0.888825	56.70109931
1.624955	0.81601	45.31913517
1.207635	0	40.02697575
1.651265	0.823045	39.87416826
1.228405	0	66.19275435
1.244295	0	57.55544136
1.7017	0.935205	52.12048771
1.66095	0.825185	49.54522656
1.221735	0	25.60505253
1.70103	0.87403	14.13460003

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1.8162	1.094595	29.56305451
1.803185	1.05316	41.93827404
1.840435	1.1205	0.165290532
1.86553	1.163845	80.09617554
1.83282	1.0677	0.992815793
1.895845	1.221675	87.59028163
1.743315	0.997655	0.162992638
1.90048	1.212735	1.52131144
1.913095	1.239835	193.7649083
1.493645	0.58859	0.716783719
1.7927	1.046565	49.50434609
1.75482	1.03337	80.89019348
1.747615	1.024865	32.5295264
1.731145	1.01084	72.92172181
1.66893	0.913635	1.98826876
1.700735	0.99504	56.4756443
1.61603	0.81358	25.96181863
1.265125	0.202985	2.279573689
1.200435	0	23.22253349
1.606955	0.810775	1.73683902
1.2041	0	26.2795795
1.720865	0.924645	20.36059115
1.27988	0	34.56663781
1.656585	0.82087	19.96410871
1.61332	0.746255	48.81462273
1.386205	0.3416	16.3522894
1.346685	0.289265	16.1404529
1.734555	0.99456	1.547440938
1.903805	1.23416	105.803399
1.888185	1.221625	94.42331346
1.7872	1.05295	65.74999399
1.771265	1.036675	21.71099703
1.74169	1.014605	40.65609106
1.727475	0.974045	27.53809563
1.229485	0	55.21332477
1.66331	0.89195	7.03778595
1.23208	0	52.70727413

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1.22721	0	40.73544225
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1.66921	0.958415	29.95171004
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1.60805	0.812945	61.16425788
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1.695975	0.96385	28.41183724
1.73207	1.060505	20.04702475
1.720925	1.0285	18.9636482
1.739075	1.070705	38.22837293
1.795105	1.14351	39.8888497
1.82064	1.15476	18.86129562
1.835365	1.16253	43.87925553
1.86258	1.17239	28.29878404
1.836025	1.10249	1.436501601
1.707345	1.010185	19.83843672
1.689945	0.988815	23.87812378
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1.188185	0	50.65963873
1.60096	0.814505	31.43401449
1.19437	0	27.54756512
1.172625	0	44.37337745
1.21987	0	19.93007578
1.669735	0.834075	67.99469366
1.74149	0.91805	60.55510197
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1.685505	0.83953	49.87548572
1.73585	0.91809	35.65040292
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1.250345	0	59.39034651
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1.848075	1.089565	28.29618275
1.83618	1.05294	18.65284806
1.28426	0	26.85183137
1.2915	0	36.31405857
1.896025	1.23687	161.1582821
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1.7909	1.065245	2.643920914
1.897015	1.21432	2.612382049
1.926995	1.258245	54.89509908
1.93008	1.25902	24.81833189
1.93087	1.260025	34.5664707
1.936385	1.26269	24.93051487
1.936665	1.263615	40.01666573
1.942805	1.26691	26.71837838
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1.942255	1.26288	27.11315264
1.94848	1.265385	30.31609158
1.95132	1.263925	62.66545497
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1.225745	0	29.1624289
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1.289025	0	70.11217718
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1.691755	0.840345	52.98736125
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1.23502	0	29.62841351
1.24834	0	53.53305868
1.690605	0.906125	0.405081572
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1.727405	1.093975	10.95763936
1.675305	0.972315	42.41486141
1.58093	0.80589	33.34519482
1.168485	0	17.14202291
1.743115	1.102705	31.30886661
1.75088	1.1075	40.01990784

1.763655	1.120505	3.774986543
1.76079	1.113115	33.30760155
1.58285	0.750715	57.81411662
1.789665	1.13199	34.76306405
1.353765	0.405665	27.6414298
1.311815	0.31973	13.16589572
1.57502	0.738855	27.88196788
1.623515	0.8133	16.17799624
1.66573	0.86135	36.51627285
1.69138	0.89402	26.34586109
1.726095	0.92145	46.30698201
1.834225	1.16024	21.1693353
1.83846	1.169865	11.07557475
1.663675	0.82955	27.09145288
1.223425	0	39.80008798
1.84559	1.16873	82.86729617
1.87061	1.17326	55.37411158
1.897475	1.178995	25.03045189
1.14811	0	30.68010027
1.55389	0.79213	29.10711981
1.58789	0.862845	29.32024434
1.82481	1.09732	21.44379938
1.83163	1.115115	66.59176322
1.689845	0.83421	51.44783056
1.254715	0	59.04745785
2.00306	1.318315	73.35976073
1.999585	1.31193	5.117917078
1.99827	1.31094	52.55029408
1.270715	0	65.11324574
1.712475	0.84107	17.54317682
1.98881	1.30896	137.8069096
1.973415	1.27342	55.62021263
1.74453	1.071025	22.98479994
1.75223	1.077185	10.93629389
1.75998	1.083985	18.30058828
1.770135	1.08768	35.16417018
1.788965	1.08172	5.437171931
1.851225	1.16946	8.541306529
1.769715	1.069855	11.60040338
1.757575	1.06181	42.56627673
1.744205	1.04797	67.60476757

1.729715	1.027075	38.86898131
1.641595	0.882085	76.02012873
1.59829	0.81316	22.19486834
1.182475	0	16.42916694
1.72268	1.02009	37.67505185
1.7158	1.013625	58.65242628
1.69888	0.99612	4.57211245
1.666015	0.96313	22.95156757
1.61219	0.81445	39.80064289
1.200485	0	11.09103474
1.639515	0.88164	11.64640492
1.603385	0.812585	22.98936255
1.193015	0	24.48426457
1.65862	0.95693	19.41564293
1.662725	0.974445	31.6885484
1.68615	1.00466	7.392962397
1.70572	1.020525	28.51771793
1.73089	1.05901	6.753706903
1.749	1.02265	18.54494068
1.207225	0	24.74028768
1.18155	0	22.53238349
1.595555	0.812495	20.20538186
1.637495	0.883335	10.67611283
1.80323	1.125315	60.9271971
1.72454	1.0052	36.40209496
1.706125	0.988555	37.79998668
1.69087	0.9706	40.54679021
1.216825	0	50.17425982
1.675185	0.949395	38.41758946
1.630025	0.87721	43.11155457
1.594435	0.808355	18.42335649
1.173685	0	22.98912138
1.76601	1.033105	12.18830419
1.27634	0	36.88239373
1.716495	0.993475	23.71063505
1.691255	0.973295	67.58477847
1.674325	0.95229	20.11009917
1.619235	0.81769	29.35864395
1.199995	0	27.57913242
1.603345	0.81316	19.73790948
1.19423	0	40.92502035

1.968245	1.269105	52.46539648
1.95593	1.249135	48.28020139
1.839535	1.153885	87.89600976
1.83086	1.15543	27.7359878
1.81086	1.10366	23.35031642
1.78454	1.092965	33.25529376
1.78154	1.080195	11.18702468
1.768975	1.069955	24.6372147
1.71397	0.935735	17.10497553
1.688585	0.894075	53.48043753
1.65599	0.82633	42.05678706
1.23822	0	27.61724864
1.72994	1.01251	46.40127026
1.70488	0.994675	36.63393333
1.68967	0.956345	16.47382372
1.66729	0.922695	15.96060498
1.6367	0.879145	40.91792903
1.595795	0.80594	49.41721798
1.17631	0	66.18232863
1.211975	0	70.29064376
1.24214	0	27.46444213
1.770115	1.04747	37.17447976
1.76125	1.03661	26.88411823
1.753865	1.012605	53.30807857
1.73877	0.97489	5.476008972
1.68397	0.83526	4.908419796
1.25703	0	23.6798005
1.65706	0.82824	14.96722476
1.2354	0	32.04540866
1.239685	0	28.42078953
1.2337	0	37.25930251
1.90781	1.2352	85.72474477
1.9083	1.234515	28.98974265
1.905535	1.23921	118.372516
1.8958	1.232615	0.830083641
1.89135	1.22196	44.58704801
1.884395	1.21981	13.19326734
1.87575	1.19588	68.11004733
1.87546	1.195245	13.13715449
1.864805	1.17341	16.60827089
1.80008	1.064325	63.06794651

1.770335	1.05229	52.70934568
1.757	1.040215	58.85281504
1.20187	0	25.99405591
1.62097	0.81808	30.49773397
1.661245	0.890965	44.07795719
1.684355	0.933425	18.03573515
1.67809	0.92959	75.037079
1.640305	0.88396	52.03972764
1.58729	0.807075	33.66216239
1.17012	0	28.28052069
1.288065	0	47.46888107
1.777985	1.00319	103.8976144
1.75901	0.980225	22.10947134
1.70363	0.83772	64.73655269
1.281695	0	36.40682268
1.686005	0.83246	46.6887759
1.273835	0	95.51844163
1.854185	1.1692	57.76420409
1.837545	1.163845	60.20136079
1.820675	1.15688	8.774276386
1.815855	1.144705	33.97697213
1.81004	1.12974	4.830149259
1.80027	1.099015	58.45607323
1.79602	1.085765	35.66391263
1.793155	1.073145	34.89581523
1.78338	1.03822	7.853433381
1.64738	0.82479	39.17638053
1.231225	0	34.34959581
1.66571	0.828765	43.73263816
1.253985	0	49.26630342
1.692475	0.93725	41.84636864
1.63484	0.8212	9.768274426
1.19744	0	7.985915517
1.21318	0	42.83606404
1.24253	0	54.61474558
1.25576	0	57.3042046
1.668185	0.82664	29.22707368
1.23936	0	24.43878191
1.754895	1.02213	60.40052168
1.7412	0.988185	39.81076664
1.748235	1.01611	30.83662236

1.241405	0	121.5572874
1.719115	0.969755	38.09936391
1.695995	0.93868	32.75246233
1.65412	0.88811	13.02002624
1.605855	0.8083	29.18541094
1.48404	0.551575	0.326717645
1.746995	0.972275	39.87773475
1.709785	0.938015	41.77084227
1.687855	0.896505	17.23888
1.65079	0.825425	11.71121761
1.23758	0	53.27365011
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1.712585	0.836685	36.192638
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1.21431	0	106.955053
1.7112	0.90034	22.42105205
1.675425	0.82959	66.68779461
1.251655	0	48.29380152
1.74088	0.947285	34.31607052
1.705925	0.901695	34.38063588
1.66041	0.829135	34.01461996
1.222685	0	38.9145458
1.77428	1.031105	31.1483528
1.7201	0.942125	40.93644872
1.744935	1.00894	21.60904465
1.250945	0	57.59319949
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1.222005	0	21.64976033
1.64159	0.824325	29.8597499
1.22253	0	40.56692247
1.829365	1.13273	1.819860182
1.84918	1.18809	85.10884279
1.84814	1.195085	131.981428
1.84625	1.198695	19.36049305
1.80192	1.071735	24.65881318
1.81438	1.105435	25.35717438
1.82227	1.1278	57.71665368
1.47639	0.623965	1.920257238
1.717445	0.903745	54.6593299

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1.24968	0	73.28624566
1.223285	0	78.78862499
1.21944	0	51.24658786
1.64441	0.823335	21.56723139
1.685635	0.934675	22.05012086
1.69849	0.961655	64.51949305
1.199475	0	12.62432968
1.63188	0.822785	28.42711577
1.688965	0.899675	24.00858216
1.766695	1.0791	0.46570087
1.766555	1.077555	68.4101336
1.7403	1.01214	22.13434314
1.71355	0.9422	13.44752631
1.63495	0.82295	25.67295006
1.20396	0	18.3131063
1.73705	0.91093	22.33268263
1.793805	1.061965	21.61229236
1.69245	0.833575	19.53320899
1.253745	0	78.69074438
1.73941	0.994	48.95981439
1.722565	0.972275	20.6902166
1.67194	0.83108	34.83300301
1.23092	0	24.40229628
1.65583	0.827785	22.67637086
1.23854	0	27.88611214
1.22413	0	20.75402682
1.65824	0.829875	6.703545039
1.710145	0.905575	46.03231143
1.208955	0	67.24084074
1.626575	0.81764	81.20065634
1.24308	0	43.59273609
1.714425	0.96741	32.04171919
1.660355	0.83008	12.36736373
1.742005	0.993535	40.23304614
1.203025	0	11.89718069
1.62589	0.821195	37.58219183
1.658985	0.8903	16.50450368
1.703145	0.936405	50.7663593
1.72788	0.96682	10.2492807
1.27565	0	84.30543422

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1.775805	1.042995	81.1084889
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1.73547	1.025545	141.0074491
1.63225	0.821565	37.46142289
1.67098	0.926725	57.7838639
1.669995	0.92661	52.47089465
1.65259	0.88995	27.75449748
1.219665	0	31.5546537
1.195585	0	35.34036217
1.197735	0	40.00538755
1.19932	0	35.75293109
1.269345	0	32.62749294
1.686125	0.836085	64.60471675
1.71764	0.907425	22.41083224
1.73844	0.946605	96.32021923
1.753895	0.97305	29.99830194
1.772465	0.995155	81.62022767
1.396765	0.29797	4.658693219
1.292295	0	79.12259456
1.717095	0.87932	4.252217812
1.97554	1.329625	65.28503246
1.97757	1.301365	14.32061503
1.972485	1.303755	149.5141665
1.970225	1.307615	147.7467943
1.969085	1.301085	62.12315684
1.96593	1.29779	19.69915105
1.923095	1.24567	69.83309943
1.91631	1.24583	105.0701097
1.651185	0.88314	67.84837803
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1.16616	0	85.68616745
1.69582	0.939235	14.75932532
1.653245	0.890775	31.81921207
1.616495	0.819865	56.50471972
1.198925	0	34.59480659
1.857685	1.21535	59.36574399
1.85383	1.21853	48.25865931
1.85076	1.206395	53.94633348
1.85298	1.2215	69.11400736
1.853	1.210715	11.76330283

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1.75857	1.098985	22.72816118
1.75432	1.09515	58.3906505
1.744965	1.09516	136.6158073
1.724225	1.087735	31.24302817
1.704445	1.076905	85.40871775
1.700645	1.075335	80.73759933
1.696075	1.072515	34.7071999
1.67174	1.038485	16.05761961
1.67947	1.06247	29.47784747
1.656755	1.026	46.15130558
1.651625	1.01922	36.37776014
1.646615	1.00482	69.35875341
1.63732	0.99814	35.60538402
1.554795	0.78066	40.41474299
1.15041	0	118.1613894
1.59705	0.916605	11.27236715
1.61066	0.954895	72.89111662
1.5408	0.77572	3.592889078
1.580225	0.888335	59.49891185
1.141905	0	89.32283041
1.15367	0	97.403828
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1.13072	0	46.40496339
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1.616335	0.814235	66.71247989
1.18185	0	44.48175201
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1.254335	0	58.90175124
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1.731265	1.04345	4.434070483
1.74795	1.091735	5.938265897
1.762135	1.129535	7.945561952
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1.76949	1.16515	23.58555519
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1.70711	1.040495	21.79128851
1.63413	0.85737	2.584153684
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1.577135	0.74538	45.34919943
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1.34149	0.416675	30.29962859
1.33583	0.38741	32.75134998
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1.687935	0.95068	61.55989572
1.650765	0.819575	42.39417308
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1.69756	0.93651	36.61510621
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1.186965	0	4.564324947
1.618205	0.81327	20.68915458
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1.27676	0.1823	0.665597852
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1.194795	0	28.94253443
1.66915	0.951145	34.7358945
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1.238005	0	55.1697388
1.694225	0.83654	67.33759785
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1.847905	1.201815	51.61935084
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1.189105	0	37.06535653
1.668315	0.96657	52.68919845
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1.852155	1.08525	220.364207
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1.705685	0.83578	40.60144535
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1.951915	1.214155	0.708874487
1.9685	1.254765	49.98190268
1.96546	1.2589	16.28049269
1.973785	1.2747	31.21918846
1.973385	1.27914	17.87393832
1.972135	1.281335	14.97318075
1.972845	1.282485	11.15151179
1.974575	1.285915	17.65249991
1.976205	1.288445	39.31186439
1.97802	1.291555	6.653988644
1.975795	1.29284	32.53491852
1.985755	1.31197	36.02294574
1.723775	0.834935	38.60682541
1.303025	0	44.20092144
1.800205	1.0931	29.72544476
1.791575	1.069515	24.74653693
1.759845	1.051905	42.58965939
1.68321	0.824525	30.17477038
1.23687	0	23.07151082
1.6514	0.81509	65.84175789
1.711755	0.993205	42.8991813
1.2386	0	23.11577919
1.648785	0.884825	33.2621405
1.59341	0.799895	14.7330569
1.180835	0	11.39286078
1.29198	0	109.5321753
1.698965	0.82804	30.92725373
1.2716	0	35.82828306
1.30652	0	36.4805233
1.804535	1.02074	102.2849587
1.718895	0.83436	13.46659395
1.77597	0.9924	8.297565239
1.2986	0	21.59690702

1.68413	0.82599	34.42356807
1.253335	0	15.77113814
1.731985	0.83753	34.1845358
1.315955	0	28.69573769
1.33422	0	32.13241538
1.32925	0	26.50391776
1.31911	0	33.4707273
1.322595	0	23.45361439
1.331575	0	95.40990751
1.697165	0.74784	0.314805972
1.84905	1.159645	58.19362539
1.79156	1.064855	48.74333746
1.79685	1.087585	10.24130211
1.802095	1.106505	34.05747092
1.808685	1.123065	13.44853874
1.814095	1.137375	0.266385173
1.746655	1.004255	19.61230597
1.631175	0.813325	4.085087844
1.690625	0.897965	22.25970089
1.716435	0.97381	34.37168121
1.645255	0.815955	21.0190756
1.218685	0	37.82997505
1.22721	0	52.18705987
1.195275	0	25.08840481
1.25658	0	34.37850815
1.2502	0	61.07432327
1.2576	0	27.54829473
1.285935	0.077435	0.227351931
1.2571	0	44.59896728
1.9996	1.318635	34.30148682
1.817965	0.973325	9.029626677
1.77219	0.846955	71.82379468
1.310905	0	93.01673197
1.31654	0	29.32190703
2.006815	1.31958	109.2528343
2.02405	1.319955	41.51467033
2.02344	1.309445	3.073190479
1.877855	1.06467	3.214532625
2.036045	1.32705	45.30672859
2.03979	1.32628	19.70303275
2.041685	1.32662	21.12303153

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1.816645	1.070865	16.60947824
1.7526	1.03909	13.08677348
1.723945	1.016505	21.63924155
1.6972	0.99086	37.58345119
1.214755	0	85.05013587
1.669315	0.960825	16.41289046
1.632595	0.882845	36.8393941
1.592355	0.803305	29.59132533
1.18452	0	30.86951165
1.7451	0.84121	32.82013692
1.285255	0	22.26912385
2.05365	1.324995	53.50158731
2.05196	1.32692	22.69483957
2.050845	1.32718	31.01100414
2.043695	1.32635	15.13289457
1.698915	0.887335	6.723931462
2.054915	1.3204	93.12926027
2.05404	1.32303	35.92783437
1.82738	1.0532	70.74230058
1.77521	0.91996	1.662543647
1.764745	0.939545	1.277723229
1.72502	0.83634	45.33566143
1.29587	0	125.2500365
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1.709135	0.8353	35.63787406
1.28654	0	38.40104017
1.34496	0	38.92856327
1.34698	0	163.4205336
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2.0551	1.31358	134.4999717
2.06894	1.292485	43.55952644
1.790765	0.8927	0.601598753
1.85279	1.05891	37.32659107
1.864055	1.08678	100.047627
1.85513	1.02979	2.25796684
1.3051	0	28.43969623
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1.256835	0	35.67708583
1.35226	0	25.41448584
1.344895	0.228965	0.607465983
1.29829	0	52.73514181
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1.903315	1.186115	93.72375676
1.774585	0.845195	134.3771425
1.259185	0	96.72469289
1.882995	1.18422	41.02803023
1.78168	0.98804	15.44950092
1.813755	1.075965	23.97994013
1.846525	1.172115	11.67603916
1.71783	0.94309	34.08241362
1.274665	0	33.05190475
1.63936	0.812225	84.89963585
1.22694	0	56.43801487
1.729815	0.941955	47.32207083
1.699085	0.89607	85.21279494
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1.219865	0	121.3174803
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1.72474	1.024115	1.643256476
1.741795	1.07353	41.38284856
1.695	0.99522	83.08488192
1.337015	0.365855	2.911456989
1.635455	0.87908	2.377652466
1.610045	0.80914	32.05303361
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1.6023	0.79667	131.5181364
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1.598475	0.798595	109.4624361
1.186255	0	22.93796358
1.20019	0	25.42173469
2.06004	1.28759	50.82954323
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1.82867	1.12602	59.32124539
1.767405	1.00498	9.894077143
1.81568	1.11838	52.98778831

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1.630255	0.933705	77.13373547
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1.969355	1.20953	225.400573
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1.96568	1.237225	93.34119146
1.955535	1.22781	3.898755044
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1.787195	1.041405	36.88509354
1.75812	1.01923	23.95515453
1.72271	0.99155	33.89693747
1.67182	0.888305	26.56445751
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1.62532	0.80888	41.07695782
1.221315	0	57.55142501
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1.723325	1.116325	69.21351382
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1.22637	0.24807	1.43842435
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1.592435	0.88208	1.047850761
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1.724015	1.02104	30.42537418
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1.685175	0.97711	45.4871724
1.666195	0.95025	41.18879176
1.63524	0.914115	149.1291416
1.59083	0.800525	13.53958999
1.18219	0	58.09159661
1.17687	0	132.0616805
1.72186	0.8355	44.75273772
1.281995	0	70.8129325
1.842035	1.00682	337.4246902
1.85878	1.051855	49.31206774
1.838635	0.97627	25.59199526
1.76874	0.916565	64.77308845
1.712545	0.827945	90.70090726
1.233135	0	108.1618504
1.73257	0.83085	64.88484233
1.28491	0	113.8294062
1.91724	1.181135	31.6502551
1.931855	1.18524	164.0106285
1.9453	1.19925	49.75279629

1.89174	1.168485	179.4698751
1.90689	1.177405	18.04825239
1.82779	1.07566	23.37560768
1.886715	1.176975	20.54129212
1.764385	1.046305	18.85564654
1.738815	1.028625	46.22847809
1.667855	0.893295	27.07740219
1.694865	0.967445	28.73327804
1.710695	1.009255	12.90347476
1.21742	0	57.60873612
1.613705	0.809835	28.34856933
1.200955	0	57.53988567
1.19701	0	77.92443029
1.7649	0.991945	14.92515592
1.720225	0.87549	1.201622113
1.663785	0.82228	0.899413787
1.25891	0	100.5292909
1.28768	0.144205	1.313519769
1.276065	0	32.70450264
1.71537	0.83475	35.30975899
1.26941	0	62.85045054
1.813495	1.050575	32.37744604
1.714955	0.837155	4.431970448
1.794125	1.03732	85.91339373
1.74335	0.975025	43.66892355
1.65665	0.82267	23.99147131
1.7017	0.93742	30.11572655
1.21982	0	27.79795746
1.214195	0	33.80711193
1.287565	0	23.41481972
1.83368	1.02606	15.41349604
1.76168	0.991525	39.00564986
1.73706	0.973835	92.16562892
1.68067	0.82854	10.11563238
1.65463	0.82021	55.5037467
1.23775	0	29.59551666
1.259655	0	72.69260351
2.06782	1.2948	27.8350764
2.01286	1.223095	129.9549939
1.83528	0.924745	0.690828408
1.78706	0.916825	84.09215941

1.809555	0.989525	15.58042856
1.834325	1.01188	100.8926262
1.848985	1.02525	35.60084648
1.287415	0	46.11213782
1.69377	0.82827	64.5544642
1.248915	0	45.549659
1.878365	1.04766	31.56013369
2.05285	1.300145	128.84373
2.05684	1.306945	35.81548994
2.06671	1.312875	116.4248513
2.069735	1.323205	39.22437827
2.084335	1.333075	69.10512764
2.09484	1.33629	31.35764426
2.02579	1.32184	142.222681
2.011605	1.31455	121.1236941
1.963	1.286755	11.94274371
1.969575	1.29328	13.89154076
1.82207	1.02807	5.428123437
1.867175	1.14722	67.29926232
1.823845	1.09311	34.22461645
1.78402	1.0569	4.208851285
1.82025	1.09285	83.54727466
1.76872	1.036595	62.28643654
1.305105	0.230785	4.13008859
1.69432	0.92202	1.15973818
1.73284	1.020115	64.69865257
1.665655	0.89033	2.312852085
1.63993	0.817045	36.92987837
1.225945	0	27.21819141
1.617245	0.80772	15.22069334
1.32212	0.27545	1.741086357
1.20507	0	93.66530158
1.790715	1.00105	13.28935753
1.75475	0.976835	108.8025042
1.706445	0.93899	63.27027582
1.66645	0.893565	20.8478163
1.59892	0.807885	15.00093685
1.170855	0	21.62204496
1.236985	0	65.01258206
1.317885	0.14457	1.15944698
1.30569	0	36.93768647

1.801375	0.973635	28.01703267
1.690465	0.83568	41.80718591
1.23636	0	32.0061514
1.841175	1.0637	19.28800673
1.8035	1.045275	37.20035879
1.739855	1.006375	37.42007396
1.719595	0.976645	54.94240428
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1.23131	0	45.12300273
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2.024625	1.228955	216.0412005
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2.01271	1.243205	232.514325
1.908165	1.23767	12.83962708
1.90344	1.238315	10.66765904
1.89954	1.236115	15.40314019
1.876075	1.226515	125.9641784
1.853345	1.22652	55.32967309
1.85135	1.21651	57.23777215
1.85588	1.22017	24.37534421
1.83335	1.208815	93.2887777
1.836155	1.21381	64.50333407
1.8348	1.21588	18.98392117
1.829185	1.212745	6.558193246
1.827365	1.208475	53.50923182
1.816625	1.202665	13.86529078
1.815	1.190065	111.3561395
1.81034	1.189105	66.88038307
1.80591	1.18637	37.95862261
1.80545	1.18644	67.14576316
1.7989	1.176745	22.4226989
1.80685	1.181075	54.87143358
1.807855	1.180795	15.84744197
1.80108	1.156745	5.076704885
1.72282	1.006215	4.455872912
1.736535	1.007865	5.387510997
1.81547	1.166355	4.164341028
1.82799	1.18843	75.96430309
1.823685	1.183315	29.66674822
1.805365	1.16639	121.4747238

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1.7739	0.84223	42.83323155
1.357535	0	125.7698328
1.749715	0.838515	83.91405165
1.31168	0	58.68550604
1.72379	0.946705	94.35297244
1.740035	0.99713	16.62945147
1.677665	0.89836	19.04003197
1.632775	0.82044	27.24965044
1.206285	0	18.62611886
1.248795	0	71.42290401
1.81208	1.13782	39.3553433
1.824175	1.1676	59.49941059
1.82594	1.17361	53.70875429
1.66007	0.82467	29.28383322
1.23991	0	80.92334322
1.72648	0.993	38.35699962
1.691915	0.962135	19.16123514
1.654955	0.922615	19.01014008
1.62616	0.87553	51.14098602
1.590915	0.799005	42.74112437
1.168575	0	69.13595883
1.764695	1.042695	38.72945522
1.77675	1.07742	5.996404164
1.797345	1.130455	38.39194422
1.747025	1.024415	22.44737956
1.73161	1.008895	26.96746429
1.706905	0.98641	29.43199003
1.60257	0.80428	33.36773824
1.643175	0.882575	24.80815479
1.67771	0.93084	16.61386862
1.689645	0.962325	21.6881432
1.33837	0.306115	48.68166411
1.612725	0.743545	23.05633883
1.652355	0.81669	71.1350621
1.407655	0.495375	6.206937423
1.71434	0.988025	5.304877831
1.70479	0.96669	15.80112358
1.680925	0.930435	28.29137633
1.6513	0.88292	25.11036894
1.60112	0.805015	38.39781785

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1.1777	0	55.22523535
1.688365	0.869985	86.06161468
1.659725	0.82527	17.98946532
1.61736	0.74905	37.86386566
1.476	0.551215	29.80436445
1.45809	0.596345	10.79157189
1.60747	0.78341	32.35861112
1.40095	0.462315	4.81070317
1.645945	0.836085	7.005445329
1.74872	1.07043	93.02282798
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1.7145	1.020355	52.00792715
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1.65884	0.920125	37.59068861
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1.67924	0.85329	52.39643854
1.659085	0.828665	128.5675105
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1.642295	1.03206	45.12441122
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1.654305	1.044885	74.11734032
1.67083	1.04688	39.41935012
1.678575	1.04911	28.78009456
1.7142	1.08268	59.43043495
1.68761	1.056475	29.12633467
1.7312	1.09293	72.71118291
1.74747	1.10468	86.12984213
1.780605	1.13489	37.40314282
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1.789705	1.138575	34.18134146
1.812485	1.146425	31.81118263
1.698	0.985675	31.97068403

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1.633695	0.880035	89.95846019
1.598205	0.808655	28.23339005
1.18276	0	64.52225128
1.508285	0.80732	15.89187507
1.590665	0.88636	35.9814551
1.616315	0.906765	46.23776917
1.63201	0.917975	58.90043331
1.647855	0.92743	76.79868346
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1.237855	0	59.69479437
1.67959	0.932105	22.02410217
1.653775	0.88616	56.05338289
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1.217955	0	44.28535299
1.62183	0.78718	61.87073745
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1.73768	1.08236	19.05912877
1.73502	1.047145	145.0475038
1.7343	1.02615	2.271186687
1.199655	0	49.48598772
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1.66157	0.927655	19.55674937
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1.6747	0.95987	18.9553877
1.648535	0.92377	27.19966905
1.633865	0.88209	61.30506687
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1.18287	0	84.47298639
1.644605	0.819285	103.4727147
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1.746535	1.06062	40.15137522
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1.72001	1.03289	7.885362688
1.680105	0.96692	13.46742336
1.69547	1.00993	14.26250857
1.65731	0.93277	35.70778732
1.614425	0.815985	13.87149041
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1.196615	0	63.91838107
1.17698	0	47.61145248
1.7231	0.980555	2.407480528
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1.258775	0	272.3287828
1.684615	0.93756	57.21636983
1.66069	0.89405	39.91401768
1.61316	0.81579	36.88756109
1.191165	0	55.34280401
1.68432	0.97802	78.96441522
1.6596	0.95253	56.75432287
1.64202	0.921025	22.07957414
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1.57356	0.79946	26.1713842
1.16365	0	36.76609162
1.63121	0.987155	87.31926195
1.61955	0.98142	17.88920829
1.622535	0.98558	30.57589675
1.634465	0.99875	37.80913736
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1.658985	1.02732	49.53324036
1.665645	1.03561	35.95111383
1.670795	1.04231	67.40244303
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1.68501	1.055495	23.3865204

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1.635405	0.876575	45.78952407
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1.172815	0	30.68627367
1.578455	0.79106	33.29181565
1.697165	1.005275	18.65928245
1.71833	1.023425	43.28948308
1.732575	1.03877	34.65088905
1.75685	1.10221	35.41384562
1.687835	0.97749	57.98298234
1.616365	0.797065	21.32414939
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1.222705	0	116.2656107
1.585545	0.794425	10.76143592
1.182055	0	40.51114587
1.77406	1.112175	45.58516412
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1.793965	1.1422	10.14815035
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1.818015	1.1632	40.90823223
1.83059	1.16331	58.53170106
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1.60633	0.801845	36.33191571
1.20608	0	61.92774714
1.711555	0.981385	31.26482438
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1.595695	0.79924	8.053573858
1.195455	0	43.86935289
1.831135	1.15296	176.6490799
1.82418	1.15602	167.4532972
1.649215	0.8144	27.62704486
1.21578	0	42.40097118
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1.879385	1.20401	17.26555853

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1.766105	1.116705	67.92656186
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1.72317	1.076105	6.549640653
1.730705	1.096375	19.52714015
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1.579405	0.79406	34.05790875
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1.62687	0.90391	23.00234889
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1.690735	0.788105	57.44308769
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1.76665	0.972295	9.555713154
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1.996175	1.299615	22.42722334
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1.770655	1.052895	41.65159789
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1.694505	0.98814	39.36299131
1.677375	0.96793	16.60934545
1.656285	0.942085	38.72210206
1.636575	0.911145	20.12210415
1.594115	0.800375	37.34925113
1.185925	0	18.80462048
1.18037	0	61.40489091
1.21099	0	29.81322549

1.73101	0.830355	64.91977919
1.310575	0	33.67819876
1.87263	1.185365	14.7843502
1.845745	1.175465	18.93632764
1.332785	0	53.40848166
1.81796	1.16755	67.11951637
1.780555	1.10929	2.253517641
1.79312	1.14558	101.3775364
1.801185	1.16406	39.21241189
1.74248	1.030835	123.3186159
1.76541	1.097825	32.51339684
1.418225	0.534965	2.650670365
1.735075	1.02367	52.75500577
1.691915	1.002165	52.2116694
1.663475	0.982215	41.43867232
1.63475	0.957505	2.694323819
1.6147	0.90332	36.47244291
1.59507	0.8613	21.80320855
1.16279	0	26.61095401
1.553445	0.785245	41.99822084
1.1519	0	36.07430646
1.67796	0.92314	34.57443498
1.70401	0.994325	20.43377442
1.65538	0.879405	26.13932284
1.61791	0.80568	28.38173576
1.211435	0	22.43332872
1.60944	0.804095	32.18309797
1.20995	0	19.13835034
1.23932	0	69.18334439
1.687675	0.96846	1.181722042
1.68024	0.949935	34.63005072
1.627495	0.80862	34.15962069
1.22478	0	12.96923734
1.60934	0.80383	35.09233519
1.212635	0	19.82327019
1.6887	0.969085	51.80808957
1.66107	0.94193	36.09194664
1.620155	0.904095	50.36202575
1.598145	0.862755	25.07383585
1.5556	0.787055	13.60067225
1.15357	0	59.36729637

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2.00938	1.31567	18.27347422
1.812795	1.057545	50.64364318
1.77678	1.04036	19.37901933
1.758615	0.992095	2.989922456
1.713655	0.95979	23.74400412
1.25093	0	45.07875651
1.685115	0.924655	36.89766949
1.6207	0.807115	30.62180351
1.222695	0	39.35215016
1.66228	0.81865	11.36497861
1.2549	0	15.15576831
2.010565	1.316265	16.0428857
2.018585	1.316105	94.94817922
1.775085	0.971825	17.78003303
1.7416	0.93786	29.28326318
1.71577	0.8944	24.64160514
1.65865	0.81662	15.97595194
1.249625	0	33.73456809
1.861155	1.16756	11.57049601
1.82718	1.154965	17.60062255
1.778435	1.13715	48.28180169
1.765255	1.131585	26.40311561
1.741075	1.121255	12.39031605
1.6984	1.014545	14.04051886
1.69995	1.059705	16.2670015
1.6891	1.05009	69.39590005
1.647655	0.953955	23.57513254
1.681395	1.0425	12.5523538
1.61607	0.92373	31.66788966
1.59145	0.89125	48.42770829
1.571895	0.85116	32.67075894
1.530755	0.77813	44.91246712
1.132945	0	24.38699789
1.62801	0.94986	38.63157729
1.61067	0.925375	11.02605521
1.557615	0.78753	50.46951112
1.16521	0	18.02115381
1.54595	0.784115	26.66377235
1.14994	0	23.64744384

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1.64636	0.97128	22.95660719
1.62952	0.94943	28.37065663
1.611695	0.924605	15.92418745
1.589715	0.89158	26.81422242
1.56411	0.84901	27.80391633
1.530405	0.77814	26.42262248
1.1384	0	34.54296976
2.019355	1.316285	53.31130765
2.021455	1.31612	7.427800806
2.03214	1.32417	90.76042174
1.76429	0.943605	62.12295946
1.71624	0.894515	12.35671913
1.644095	0.812915	68.97670566
1.233655	0	43.53021511
1.741675	0.871155	23.43156024
1.77984	0.9742	12.06639071
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1.242185	0	11.56463994
1.348265	0.195185	13.93060265
1.609635	0.739985	18.27748672
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1.68665	0.85972	14.43678013
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2.02989	1.32134	8.293595009
2.03023	1.298295	9.303436862
1.240195	0	14.02401077
1.6771	0.824575	24.4701011
1.72504	0.899025	65.88390574
1.77209	0.948045	8.854809057
1.80891	0.999785	16.56243442
1.91323	1.23081	11.404961
1.74453	0.96316	49.34231013
1.69816	0.92628	99.41063064
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1.63128	0.81012	44.7868305
1.220265	0	115.9213685

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1.691395	0.89296	17.56575711
1.655435	0.81962	88.96951187
1.226455	0	34.44718609
1.882975	1.221605	41.23861343
1.84399	1.210155	44.32174259
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1.820495	1.18706	22.24152196
1.819235	1.183065	13.10404093
1.81174	1.181605	35.60994567
1.81109	1.17903	10.47901965
1.80765	1.176865	39.18000445
1.80503	1.168625	75.35521388
1.7896	1.135445	33.40618252
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1.65894	0.899395	1.468439598
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1.18816	0	29.04880473
1.68035	0.930965	3.287898559
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1.614975	0.801515	42.81773926
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1.25223	0	49.75350528
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1.729175	0.93273	4.247000146
1.273935	0	66.04990227
1.321815	0.189695	2.273113023
1.70729	0.83863	5.464315233
1.774155	1.020835	53.58477001
1.261595	0	22.01883875
1.72416	0.93038	1.435577222
1.6897	0.834775	52.21539069
1.741005	0.952985	1.539040807
1.777015	1.050605	73.33039233
1.794	1.06681	27.62139049
1.80144	1.08861	16.39145339
1.68968	0.90196	21.81918064
1.351195	0.29321	0.43786555
1.6447	0.82396	21.98037483
1.218245	0	42.72127417
1.194945	0	66.43900483
1.619085	0.813285	12.33360719
1.66978	0.89348	10.70764239
1.69714	0.939835	15.99716223
1.72799	0.975355	52.53365266
1.29482	0	21.18468732
1.722555	0.90745	8.646841819
1.776795	1.053505	14.40122395
1.248695	0	32.49351844
1.29195	0	28.7796753
1.743125	0.871	0.550872989
1.71885	0.84084	31.34152421
1.281485	0	61.5047055
1.307295	0	64.22878955
1.27361	0	27.37967602
1.729645	0.750575	0.107877384
1.934155	1.247915	42.39530729
1.93782	1.253175	11.3280386
1.94228	1.25561	20.83678571

1.940945	1.255935	73.57133712
1.903385	1.211615	16.58643667
1.93288	1.24455	0.125409609
1.93254	1.24435	42.67630815
1.9194	1.2338	17.9953167
1.364515	0.118795	0.096705119
1.7055	0.838975	39.44045275
1.290835	0	32.51047585
1.24622	0	28.65527625
1.88859	1.12003	20.42543992
1.953015	1.23192	54.84184316
1.948665	1.226305	144.4125656
1.928975	1.20838	103.1440148
1.922725	1.19821	60.19695337
1.92115	1.192295	101.704182
1.91871	1.19896	25.72451172
1.92478	1.20198	13.68377122
1.92367	1.204075	27.87478404
1.93744	1.24499	165.7882003
1.932375	1.24106	21.613975
1.287085	0	61.19815224
1.75657	0.995495	14.8222605
1.290725	0	91.01797552
1.65417	0.82337	34.98286184
1.695405	0.93365	33.04745691
1.215845	0	63.62586937
1.21605	0	73.68507161
1.91722	1.2322	8.097048826
1.91252	1.224475	0.833647198
1.841935	1.113675	84.68125504
1.830735	1.10637	29.64884687
1.830935	1.10386	48.00334193
1.844365	1.10715	53.88176608
1.83727	1.106275	82.40884517
1.850575	1.10923	31.45208993
1.849955	1.10932	29.38604741
1.90679	1.13727	12.87281952
1.910255	1.16031	48.00409873
1.9137	1.16089	5.438588362
1.908965	1.18118	80.43219774
1.900455	1.171655	63.23960162

1.87863	1.160845	90.01533369
1.88067	1.189195	25.00448735
1.8735	1.157975	9.327944547
1.876415	1.17689	8.595985063
1.910035	1.24174	57.65523814
1.847355	1.15429	8.975312311
1.864245	1.20084	24.44109385
1.85658	1.196165	62.86196617
1.64745	0.914765	2.903972309
1.24687	0	46.51149119
1.686125	0.83004	13.18775508
1.769515	1.04537	5.262251572
1.24951	0	60.55975346
1.849455	1.155755	38.11700496
1.843925	1.13932	2.12741038
1.849115	1.16033	43.12268458
1.86218	1.13144	34.87786317
1.856075	1.14138	43.10737345
1.84126	1.143575	68.94607426
1.53486	0.67487	2.241487749
1.82631	1.13849	9.591055375
1.8283	1.139295	36.36204851
1.80526	1.099495	27.83490603
1.82528	1.140625	45.19222716
1.85432	1.17526	33.11851197
1.8374	1.151115	4.769441996
1.57017	0.698555	0.69292776
1.86608	1.18091	70.6501891
1.75796	1.03918	18.1318346
1.72082	1.013825	13.35410961
1.704595	0.9707	8.39759862
1.631565	0.81944	27.00099538
1.67257	0.9341	15.18826747
1.199095	0	43.23236951
1.199235	0	40.59075594
1.22849	0	44.0331733
1.268895	0	35.75719057
1.74534	0.957	17.95254243
1.259715	0	33.99734167
1.65161	0.82757	4.828043098
1.238625	0	23.43063173

1.25818	0	46.31253645
1.73559	0.94898	44.69389043
1.702655	0.836275	14.89062644
1.25467	0	71.48090928
1.69937	0.896665	9.889382703
1.707705	0.879285	1.332594108
1.690635	0.8309	16.98202855
1.235955	0	56.99973259
1.778125	1.038155	6.786573781
1.7859	1.06387	9.220686237
1.76358	1.029675	19.39399695
1.772415	1.052265	16.84236753
1.77818	1.07163	36.61061258
1.784545	1.094565	31.12620653
1.790205	1.1132	29.50609789
1.79083	1.122135	15.49459283
1.24013	0	39.62526168
1.243765	0	41.40942896
1.23594	0	37.591244
1.243145	0	31.49737932
1.245805	0	41.61133144
1.248935	0	79.15891802
1.24739	0	28.58323662
1.25626	0	37.24530535
1.655035	0.820095	66.06681229
1.21673	0	57.88564499
1.64185	0.81723	32.97841282
1.784115	1.07481	25.23966216
1.784375	1.090925	34.69685469
1.780155	1.024115	27.91957271
1.78192	1.05179	50.07207963
1.781845	1.072105	49.91918633
1.759205	1.01234	28.8047328
1.24972	0	29.19189373
1.74161	1.01354	9.134770466
1.72929	0.97239	36.22820464
1.70559	0.90027	14.19667901
1.25816	0	50.21919496
1.652125	0.819295	31.64524137
1.219615	0	55.99777698
1.22463	0	24.86905304

1.65715	0.82416	23.54971817
1.224285	0	41.6405246
1.64288	0.81897	23.42750695
1.22163	0	58.17683644
1.767485	0.92008	38.60605941
1.7793	0.96498	5.644636415
1.798065	1.01839	15.72661932
1.73338	0.842315	31.42987616
1.29373	0	41.85026497
1.26238	0	50.78996411
1.30765	0	48.20424124
1.804125	1.034635	20.17153655
1.79878	1.01175	10.79352177
1.341485	0	49.19291821
1.49138	0.51158	59.02392249
1.72727	0.94714	78.13661044
1.642515	0.82164	10.06926973
1.242505	0	59.65328839
1.213375	0	29.08725135
1.737755	1.02717	42.08123468
1.661595	0.825995	6.747531834
1.732495	1.01818	57.80011618
1.66986	0.89121	24.014393
1.693135	0.959125	21.34969499
1.62945	0.81662	26.32078597
1.21572	0	66.21781882
1.25103	0	27.80612763
1.18559	0	27.67511517
1.30453	0	29.9167968
1.251485	0	38.80392773
1.696865	0.8346	28.077602
1.695385	0.83413	19.12357868
1.2697	0	49.13949556
1.92912	1.23484	8.035262828
1.931915	1.238455	79.88438605
1.92885	1.231735	3.06625626
1.932095	1.235065	82.4684856
1.6719	0.7079	2.354720198
1.9332	1.2325	80.26885964
1.57565	0.705345	1.056258539
1.936655	1.228005	1.275385063

1.93884	1.23439	50.85589061
1.95565	1.241295	55.33069781
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1.51302	0.53843	1.843356635
1.69767	0.833905	28.44709209
1.268905	0	63.85078226
1.71533	0.838705	38.5539048
1.74855	0.89419	0.624513123
1.289455	0	36.87486937
1.98764	1.145495	236.345745
1.99986	1.115305	122.0348183
2.00957	1.120655	149.6254568
2.0111	1.1291	286.5891357
2.02906	1.15801	129.777486
2.043855	1.213885	41.4442057
2.06512	1.20648	297.6318455
2.12157	1.220325	475.7676377
1.976645	1.041915	0.92255892
1.358335	0	86.38223305
1.835185	1.04314	33.1985058
1.68836	0.8333	36.03613376
1.738245	0.91325	35.66070313
1.76551	0.989095	43.21548506
1.253315	0	72.22332456
1.24137	0	54.44395796
1.84707	1.04998	146.536106
1.84906	1.05397	22.30334672
1.894515	1.18702	50.0559321
1.918565	1.263085	12.79668741
1.612645	0.81351	34.62778127
1.348285	0.32911	2.387649122
1.71832	1.00983	28.80066385
1.70418	0.96889	19.82303954
1.67793	0.895995	15.89965824
1.25688	0	53.11428159
1.660405	0.823625	3.712501723
1.7588	1.042	3.737069487
1.767305	1.072275	71.21302624
1.767675	1.08033	3.15134524
1.67965	0.82751	3.678561899
1.788515	1.10927	17.4063981

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1.208565	0	46.52361248
1.21905	0	54.71005263
1.186945	0	14.67915089
1.248875	0	24.42649536
1.355205	0.33934	1.61593187
1.685475	0.93502	0.485536446
1.705035	0.98847	25.50948345
1.715875	1.019915	26.20832077
1.592865	0.750015	0.45380844
1.39863	0.477115	39.897355
1.38208	0.450825	25.02991795
1.597235	0.750415	26.69530475
1.72395	1.008135	44.92240244
1.707095	0.98833	9.668493925
1.6873	0.935235	14.21126669
1.645325	0.822665	4.997745991
1.2244	0	59.56796973
1.62176	0.816965	18.33057363
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1.20379	0	17.88926676
1.215015	0	48.24143445
1.200435	0	21.63646873
1.946555	1.26535	98.77024202
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1.932375	1.2493	3.691431512
1.866395	1.117475	3.689179204
1.951675	1.275445	130.4254925
1.741745	0.908285	66.63914264
1.77244	1.000425	23.49551781
1.67661	0.82837	28.56245999
1.254815	0	77.01478873
1.669325	0.827435	16.40946826
1.23314	0	34.91547242
1.61199	0.815095	1.499761038
1.831825	1.116565	39.11372337
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1.800745	1.07643	6.068272873
1.79596	1.060105	42.80964147
1.7624	0.968655	3.523071992
1.707155	0.90322	24.97142015
1.367485	0.321825	3.229585192
1.66464	0.827635	9.053046034
1.23737	0	54.16345816
1.72525	0.945275	3.458706072
1.71034	0.90432	20.57440886
1.649225	0.82434	13.07921571
1.211505	0	20.0687199
1.26462	0	81.3015481
1.27343	0	72.84938755
1.260315	0	37.27729614
1.82803	1.136215	25.49757862
1.82811	1.123295	41.53095987
1.766125	0.959165	17.23891361
1.7189	0.9078	5.478822974
1.28765	0	65.87705538
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1.771635	1.07458	77.68241233
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1.26698	0	30.94113655
1.741665	1.06221	15.96826271
1.73362	1.0388	5.452787273
1.7062	0.96324	28.13131035
1.68656	0.933675	61.18721004
1.660065	0.887955	79.09174078
1.62642	0.814005	39.5051793
1.207895	0	33.96251742
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1.66452	0.89014	39.83172285
1.62519	0.81625	56.8617939
1.208695	0	21.40114192
1.958145	1.26614	123.0424744
1.96609	1.25436	51.20235689
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1.673775	0.927395	21.21469015
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1.750995	1.07025	74.85329878
1.20114	0	94.4621267
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1.219005	0	49.56413705
1.199035	0	109.6650243
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1.68639	0.890875	47.1544662
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1.74827	0.96823	53.02418909
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1.789465	1.056575	57.6522459
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1.80738	1.105475	49.58555142
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1.76111	1.01057	28.47116896
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1.22875	0	63.79593513
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1.28935	0	68.86632613
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1.73294	0.978655	87.82096095
1.774125	1.051245	18.55311913
1.77651	1.02053	34.36716342
1.292375	0	70.78688234
1.85895	1.129595	88.00582435
1.76539	1.04141	47.40738516
1.74113	1.0248	15.69203271
1.72872	0.99369	14.67476433
1.703395	0.97116	42.70611736
1.651045	0.85638	0.467280697
1.239445	0.108895	1.604843074
1.20929	0	55.02785359
1.605245	0.808105	1.463981236
1.20011	0	69.40527651
1.236185	0	45.88690615
2.037565	1.296325	76.6642986

2.06701	1.300385	64.74592492
2.07571	1.27142	1.773641579
2.033535	1.249735	2.203931079
2.11079	1.33212	143.3435034
2.09053	1.30832	0.743230921
2.083705	1.301845	36.95035848
2.082005	1.290235	3.921287913
1.818765	1.033335	0.844790654
2.02193	1.277615	46.14771345
1.98828	1.271365	119.2559493
1.99089	1.26928	21.73785034
1.99134	1.2709	20.7058132
1.93233	1.18217	17.96540985
1.96771	1.257245	21.09478739
1.97268	1.26937	49.09541718
1.971825	1.270725	52.800585
1.886645	1.148885	4.757460605
1.92319	1.186045	68.31385534
1.921385	1.18503	125.9154753
1.82764	0.92437	56.47754608
1.85806	1.020275	32.82519354
1.882795	1.09356	29.19071369
1.88517	1.123455	17.04376603
1.887415	1.13844	41.66545059
1.88085	1.142625	54.62766844
1.255335	0	4.787861713
1.76589	0.954295	34.94817397
1.76507	0.841975	65.25080059
1.320125	0	36.83249202
1.281995	0	56.54923936
1.717575	0.906385	6.5383921
1.25416	0	36.43229942
1.742355	0.90888	19.96468642
1.67275	0.826185	22.90681628
1.232265	0	40.63215552
1.74239	0.83946	34.90919376
1.30861	0	57.80444584
1.778715	0.848915	38.32864244
1.325475	0	31.6254483
1.30053	0	34.52500569
1.30219	0	123.1624138

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1.39461	0.227955	0.342301183
1.70613	0.895125	16.08203226
1.66356	0.820095	77.00813622
1.23228	0	53.23571326
1.72754	0.84004	15.40798584
1.27413	0	47.89160499
1.34263	0	45.97371312
1.787355	0.938275	3.808334003
1.818205	1.02033	10.99778837
1.834175	1.06298	42.83080914
1.700545	0.762375	99.66207356
1.74032	0.877225	2.813281707
1.27227	0	108.5747069
1.2661	0	57.60386578
1.677575	0.76178	65.16408808
1.718835	0.834515	61.39901175
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1.713325	0.834685	55.04796682
1.288635	0	48.62240247
1.226765	0	23.9386204
1.66883	0.82659	67.92986724
1.74109	0.90165	96.72710363
1.79453	0.949815	45.00932914
1.344185	0	51.24882445
1.330085	0	47.73245338
1.89921	1.18961	31.07971229
1.88581	1.192935	109.3810782
1.806555	1.010715	0.698822281
1.8706	1.17023	0.678599323
1.86966	1.170435	39.0709518
1.84139	1.16325	48.54142452
1.7906	1.06945	0.636572651
1.776115	1.07471	1.468088694
1.77976	1.075905	100.630451
1.766495	1.07522	34.10907841
1.670165	0.82313	1.644191437
1.327975	0.300215	1.125029089
1.24588	0	44.29901874
1.736505	1.038135	1.115167651
1.729105	1.017955	17.74537468

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1.667445	0.889395	38.99191634
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1.214145	0	24.48986338
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1.57629	0.792565	67.60035393
1.616365	0.86571	62.49764194
1.64167	0.90745	61.01675612
1.65435	0.931945	62.96633518
1.62997	0.87198	9.884713172
1.66872	0.95565	12.32596188
1.597	0.799845	63.10013528
1.192885	0	81.425673
1.717765	1.02892	18.79322659
1.73591	1.04282	39.63054413
1.484985	0.597235	1.098202719
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1.7534	0.97612	81.83955506
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1.6423	0.81957	25.04704415
1.642835	0.81779	34.15137163
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2.033315	1.24161	169.647149
2.05429	1.29728	126.2336875
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1.639655	0.576275	4.19612844
2.01619	1.228115	52.27884191
2.004125	1.16867	26.85587557
2.01145	1.23066	76.35510441
1.472595	0.292205	1.657034701
1.81484	0.977435	35.50440688
1.76603	0.948885	109.7299826
1.75896	0.93701	182.6816424
1.99484	1.24657	138.2280394
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1.985235	1.227365	116.6822801

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1.701445	0.896195	55.96230554
1.66535	0.826845	68.6607946
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1.82801	1.095325	10.94074941
1.699225	0.833175	34.96181559
1.839605	1.068145	45.86263222
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1.78804	0.995065	0.256408756
1.778105	0.975945	33.0901325
1.76045	0.908825	117.1280295
1.71274	0.838245	32.27729931
1.28333	0	42.14894612
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1.26823	0	58.62835048
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1.68326	0.832125	44.68026225
1.25703	0	74.10551383
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1.856225	1.066775	28.89237603
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1.896745	1.09078	63.33441448
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1.80108	0.912415	22.17566483
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2.13156	1.35755	99.18717611
1.7861	0.91613	66.65141334
1.291605	0	63.03322313
1.292245	0	88.7403737
1.879345	1.111535	50.70239274
1.85863	1.056985	2.517829949
1.770565	0.945345	41.85401696
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1.25459	0	19.48152559
1.690475	0.833955	27.63179862
1.72905	0.902485	61.00863184
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1.80177	0.975675	22.98195256
1.78312	1.034135	14.72716307
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1.196875	0	13.33404231
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1.42902	0.441315	0.03524656
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1.58636	0.74586	80.51851665
1.364465	0.412285	27.26852714
1.397745	0.44982	40.30881265
1.587245	0.74905	23.74302863
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1.874345	1.15567	23.81560625
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2.140035	1.363925	69.90244145
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2.153175	1.36084	20.53290105
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2.15538	1.36512	77.02510575
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2.14648	1.34501	175.7415283
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1.814695	0.924265	10.6866539
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1.73656	0.84197	26.29159484
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1.739835	0.97301	11.76640187
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1.2251	0	38.94988658
1.242745	0	47.15467014
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1.75434	0.947455	57.41193639
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1.6444	0.82176	30.77597298
1.22625	0	89.78593326
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1.795685	1.034175	10.33713587
1.746325	1.0102	40.46923835
1.648525	0.81924	33.70858558

1.701835	0.958705	14.78036236
1.712065	0.986675	14.11893431
1.202855	0	41.82796905
1.22066	0	52.77305313
1.221125	0	72.26451301
1.25594	0	72.15816663
1.434915	0.456435	0.753102436
1.232945	0	57.68152611
1.67031	0.89519	27.74123772
1.625495	0.818425	29.22371819
1.210895	0	54.85733494
1.858405	0.75032	8.265659214
2.200895	1.379745	66.24161539
2.207885	1.37732	17.37219191
2.21357	1.37971	17.97203377
2.227475	1.380635	225.3953119
2.21442	1.37275	32.53414324
1.87448	0.7736	0.979561779
2.21057	1.309845	58.34958492
2.22318	1.317185	71.86027323
2.220705	1.33876	18.74262041
2.2208	1.34135	38.07298192
2.209795	1.340775	265.2720654
2.19383	1.34842	123.1335108
2.226675	1.37504	25.85566114
1.914935	1.113345	16.76577991
1.97673	1.135755	172.523915
2.044625	1.18606	223.4467156
2.078425	1.186185	186.5040164
1.811475	0.68724	4.643992447
2.1352	1.219105	10.90912005
2.03647	1.195815	311.339484
2.04019	1.22501	148.9654706
2.04102	1.22404	14.04368315
2.035095	1.224085	128.6850125
2.00169	1.217715	39.10711817
1.988975	1.215745	70.42976854
1.982095	1.23495	33.65684065
1.936995	1.20737	54.89055515
1.93773	1.01389	3.993255366
2.127855	1.26868	39.67187979

2.126285	1.265985	336.8739383
2.159735	1.33956	253.8235235
2.140275	1.318555	56.42585588
2.11915	1.21237	32.63883718
2.1564	1.345805	55.85634994
2.17046	1.348365	78.95470462
2.18569	1.344645	102.3837453
2.181585	1.336475	44.86912081
2.173125	1.329935	122.0360573
2.180175	1.33425	0.878701821
2.175515	1.33289	153.0080563
2.173965	1.325195	33.91102114
2.17665	1.33154	22.40895645
2.178345	1.33398	34.75192547
2.18771	1.358005	116.8773344
2.1798	1.302955	14.89636264
2.164575	1.26819	61.90209038
1.188285	0	26.60791292
1.182995	0	37.72671443
1.21083	0	15.0454605
1.20901	0	17.20777142
1.737385	0.99948	3.570920309
1.840765	1.10329	109.965255
1.88174	1.15707	127.1124409
1.907315	1.13983	61.23561433
1.94813	1.14403	169.4594865
1.809645	0.729975	5.568014281
1.93094	0.995665	935.5293813
1.79593	0.945355	19.03231282
1.75108	0.842085	206.2696997
1.924975	1.131475	369.8190319
1.970825	1.148985	414.1424958
1.638045	0.558965	2.413093492
1.148455	0	113.2501558
1.10811	0	21.59670103
1.162	0	17.74165999
1.17874	0	25.7447582
1.21522	0	40.86546958
1.21979	0	16.50256337
1.21764	0	22.96203322
1.27384	0	32.67978842

1.288755	0	27.76596198
1.8743	1.154315	17.79805178
1.184285	0	69.71285166
1.751245	0.947815	7.072991747
1.73323	0.90639	72.53188075
1.79063	0.948435	17.76962639
1.81334	1.015675	0.058557749
1.827755	1.06201	15.47719203
1.662775	0.82476	16.58598598
1.70808	0.91894	27.89570226
1.67262	0.82093	19.90917509
1.766635	0.945955	81.96773707
1.76762	1.03667	32.27083089
1.60215	0.8065	24.67099603
1.652675	0.950785	22.74833653
2.09777	1.297515	16.99899057
2.093715	1.29121	3.071643903
2.092995	1.29096	6.420725524
2.091075	1.290975	23.43828081
2.08763	1.29256	7.943155588
1.90069	1.19423	84.53961475
1.231675	0	31.91576955
1.345505	0	20.86030905
1.642775	0.819625	16.32124417
1.912165	1.16436	25.08588158
1.914005	1.16799	0.407423759
1.925465	1.198965	26.77232058
1.929115	1.208885	6.59377613
1.48617	0.482485	14.9764257
1.799235	0.988505	11.2590703
1.73208	0.924685	5.619484119
1.744005	0.91732	31.28046095
1.77728	0.952115	30.46783044
1.676085	0.841465	0.040265742
1.73542	0.997685	5.837271559
1.73491	1.009725	16.20252789
1.8464	0.92315	97.67825264
1.83613	1.09712	12.97096
1.690945	0.938695	5.693068176
1.777805	1.049925	36.07539274
1.7161	0.988415	39.06010722

1.7208	1.000245	0.13975958
1.221785	0	22.08449547
1.772275	1.045585	13.4395048
1.585285	0.765785	19.9199887
1.596015	0.94179	27.02507491
1.668305	0.83265	20.52965242
1.36739	0.23473	30.54739274
1.757165	0.90818	1.847522671
1.917815	1.22936	8.218884006
1.92002	1.226355	2.29953051
1.921015	1.2286	2.290139221
1.919705	1.226595	3.180962374
1.232955	0	31.43121385
1.72044	0.93161	27.26337009
1.69216	1.03385	17.54118571
1.32025	0.15804	1.61565658
1.248535	0	38.08557384
1.58224	0.80525	16.44854769
1.78698	0.941925	3.825508157
1.76237	0.965765	17.55285827
1.748245	0.948285	3.446670858
1.743355	0.9441	11.90996743
1.256575	0	37.81168274
1.61452	0.823435	36.14119584
1.42034	0.410615	14.58432761
1.802365	1.130095	13.42157745
1.80819	1.138545	71.40977322
1.812465	1.154185	19.05662016
1.76177	1.04642	5.314628666
1.720065	0.80345	5.667572024
1.748015	0.94914	28.84604365
1.66858	0.85803	42.20230789
1.337145	0	12.87136937
1.828915	1.08425	14.97262579
1.9844	1.24762	0.159909036
1.97298	1.2483	8.198607263
1.8575	1.03014	9.439384007
1.29629	0	23.43234105
1.78102	1.09074	7.129969736
1.680175	0.94588	6.636543347
1.657705	0.8786	3.481496978

1.623035	0.819555	38.34223351
1.64874	0.88884	10.85183486
1.91083	1.142975	98.59698069
1.715	0.83395	43.39998402
1.724295	1.041645	94.34582908
1.70502	1.056435	23.51331719
1.638085	0.819635	7.066426999
2.10222	1.34966	37.43390359
2.074895	1.291855	3.375478638
1.27706	0	52.4470455
1.93057	1.184025	39.75447168
1.92508	1.168915	2.60722245
1.925545	1.16659	35.03073185
1.91574	1.15144	14.97371636
1.554145	0.812735	88.14003061
1.874855	1.146135	19.06706602
1.63415	0.936145	48.46856258
1.819845	1.135225	34.46371836
1.70359	0.83189	23.05369163
1.28433	0.115045	0.52918749
1.549055	0.73753	0.520893433
1.71706	0.97439	9.036553273
1.69651	0.82181	18.12726837
1.18387	0	15.34591129
1.62972	0.913125	5.109207755
1.75816	1.03952	21.04844184
1.76728	1.070565	18.04950679
1.18676	0	19.97580119
1.8603	1.05017	155.4470417
1.493395	0.48055	28.35125704
1.140785	0	14.09519124
1.713835	0.83952	41.89924914
1.940385	1.1005	138.445992
1.29198	0	152.1740106
1.72819	0.855895	0.075137873
1.759135	0.89649	22.65702632
1.779385	0.931725	43.3466402
1.599215	0.76973	30.55897637
1.451595	0.664435	75.68089077
1.86056	0.928235	2.529006576
1.90417	1.093455	4.428209147

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1.963905	1.201845	0.126220443
1.18925	0	42.53392295
1.58864	0.79989	0.558285895
1.93294	1.206625	66.75661563
1.92616	1.1972	13.14496077
1.800565	0.980895	0.623767689
1.840215	1.0933	13.08290671
1.703425	0.887375	10.81633465
1.72285	0.908555	11.0391441
1.90149	1.170725	49.21748347
1.72754	0.77256	11.29289436
1.7786	1.14716	28.01297087
1.69007	0.83139	26.44811746
1.59794	0.80553	40.35606627
2.045565	1.21095	38.5931755
2.04067	1.318425	18.31293275
2.045735	1.355545	169.3035517
2.067125	1.356815	278.5507496
2.105505	1.170245	10.69909849
1.76197	0.88856	5.249494317
1.759905	0.895715	31.46462459
1.84801	0.955305	1.002594559
1.88903	1.04084	23.13371674
1.768685	0.90414	38.28016099
1.616285	0.86083	38.43544988
1.189495	0	10.86188946
1.62806	0.865265	45.78124544
1.50063	0.716275	37.90192861
1.632995	0.81773	6.344104575
1.3992	0.415985	18.89996731
1.65827	0.8474	29.58188675
1.743605	1.108755	18.22207462
1.749505	1.025185	2.844753179
1.73242	0.994935	24.45613148
1.208825	0	78.8690019
1.659775	0.96438	23.34057047
1.386955	0.553505	11.8732421
1.33809	0	90.88220177
1.717685	0.81973	3.100962807
1.394585	0.194685	17.02194912

1.770065	1.077255	3.715778155
1.7663	1.069405	53.61438393
1.86005	1.12385	22.13155432
1.705825	0.76066	0.671473157
1.61989	0.80714	12.56856792
2.087755	1.304185	61.84511376
1.280275	0	43.47889273
1.60322	0.86275	4.811474275
1.65803	0.69974	26.68014291
1.57722	0.570655	14.62866111
2.03148	1.31837	27.26474543
2.041905	1.306285	148.1361802
2.060545	1.32595	8.725009215
1.692825	0.838685	12.81885903
1.62811	0.955135	40.08822349
1.707925	0.842955	16.14682929
1.7494	0.959695	13.25008284
1.69368	1.10815	27.15786028
1.716445	1.05354	65.10582205
1.212745	0	55.79571853
1.73037	0.90208	24.37683026
1.565825	0.66167	5.054884956
1.65285	0.91955	17.99603026
1.34546	0.227215	0.030271109
1.271975	0	34.92728315
1.851405	1.083895	17.50618042
1.668945	0.92024	26.42247345
1.662495	0.901345	0.776493613
1.62016	0.826315	33.72230959
1.72785	1.00514	19.59839665
1.669395	0.881015	33.78107271
1.371645	0.33255	14.95908996
1.77653	1.09813	0.393622154
1.772755	1.090155	8.063119541
1.56065	0.795615	22.64984794
1.31612	0	50.82020745
1.50925	0.571765	1.123109915
1.714975	0.99119	20.61151831
1.22993	0	18.96099742
1.711555	0.83666	35.69689877
1.284855	0	29.02307445

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1.535205	0.78973	24.89719784
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1.859565	1.079815	17.35037371
1.85524	1.08357	19.70218741
1.848375	1.06881	70.38670208
1.262215	0	36.4057997
1.585955	0.699965	8.296785882
1.918385	1.136745	39.46928579
1.201645	0	11.67783188
1.77808	0.846035	44.20556305
1.733655	0.877685	4.920058745
1.750545	0.902345	1.798895133
1.535685	0.83957	24.19445082
1.621925	0.804075	19.59424213
1.59506	0.869615	8.050387695
1.77074	1.05257	38.69736237
1.47061	0.749125	27.97643295
1.786	0.993045	3.111498091
1.620765	0.991615	16.68373421
1.636235	0.92252	10.83830512
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1.703425	0.83091	19.97223294
1.735795	0.84565	11.49730904
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1.52271	0.568515	20.54581756
1.51908	0.761715	44.48009049
1.554595	0.712745	6.325588568
1.77242	0.98727	22.1022408
1.71932	0.842045	77.60751784
1.52669	0.779075	7.792728064
1.69489	0.931615	10.19426571
1.42415	0.53369	6.236454763
1.583425	0.73884	16.06311577
1.29434	0.203945	20.93458458
1.81735	0.88951	25.60131708
1.737915	0.975985	31.105519
1.86682	1.02684	34.69204306
1.73078	0.82134	0.168783915

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1.68676	0.928845	29.47306412
1.75694	0.84216	20.23699775
1.69616	0.826955	21.38416439
1.620665	0.87507	18.60623447
1.601375	0.803915	4.834669276
1.85957	0.85913	35.86966434
1.97627	1.203815	37.71553377
1.97423	1.19828	58.23665726
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1.83176	1.02193	39.66788025
1.35709	0	79.55821231
1.85071	1.02868	17.07140486
1.842675	1.191225	13.92288298
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1.84147	1.158835	12.85129607
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1.18586	0	22.72263203
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1.76266	1.026575	1.224896444
1.758265	1.01022	51.79387336
1.72623	0.837715	10.60932029
1.753495	0.912645	1.814220107
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1.71617	0.9736	44.70499005
1.70977	0.70976	70.72932984
1.667655	0.67499	0.449541244
2.03181	0.97098	88.19592705
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1.70754	0.830955	29.84560824
1.75547	1.16951	92.64889875
1.75607	0.960465	76.62351943
1.676445	0.919955	14.64840082
1.81624	1.036205	15.83545539
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1.665325	0.88757	7.601222076
1.34985	0.300005	14.71088615
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1.70876	0.85372	66.72326441
1.52161	0.630395	24.0026133
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1.70671	0.96484	33.78113098
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1.624085	0.974475	16.83241085
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1.187075	0	19.45623239
1.498395	0.694555	14.24666499
1.59663	0.73641	28.2578583
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1.554215	0.845225	46.27634982
1.966075	1.05904	2.514279559
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1.65573	0.846125	41.072388
1.26562	0	16.62168953
1.88545	1.09305	30.6836298
1.27228	0	29.63888397
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1.90403	0.993845	2.806128288
1.40063	0	106.771774
1.2368	0	14.47707735
1.87786	1.097345	28.03994813
1.8789	1.106985	27.07333657
1.954315	1.243055	0.053276824
1.66846	0.91151	37.77799151
1.452255	0.70451	25.81685292
1.860505	1.13613	63.64822501
1.71851	0.765685	39.63319417

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1.676345	0.81358	2.233915388
1.26613	0	28.41354521
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1.58952	0.734755	1.263945521
1.67068	0.715275	17.95882324
1.311935	0.335585	1.16510506
1.428305	0.60085	10.8975513
1.24201	0	10.8353384
1.61888	0.82771	0.396139181
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1.90292	1.07355	12.88023881
1.88954	1.053465	82.29297922
1.83303	0.95519	50.61996136
2.050275	1.24698	60.30672572
2.05079	1.255065	10.45126269
1.75573	0.91246	13.00879116
1.802125	0.840745	1.490565745
1.784815	0.990755	30.63601464
1.75318	0.927455	9.033244807
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1.5646	0.895525	0.746531855
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1.79991	1.05307	22.49670084
2.097245	1.344205	34.87753501
2.057365	1.29935	8.964978675
1.753165	0.86011	44.14566744
1.80842	1.00795	14.24353659
1.90256	1.16588	24.70073381
1.898235	1.152155	11.05430063
1.897785	1.22303	32.12971543
1.57212	0.64721	6.484619035
1.767145	0.970325	26.2181225
1.824615	0.915135	44.31204314
1.68593	0.74439	6.375473983
1.82555	0.92748	107.0221835
1.73133	0.93187	12.35386493
1.666565	0.783005	42.99901037
2.060175	1.243095	47.0836504
2.06919	1.248095	23.70967934
2.06057	1.21962	18.98640934
1.716255	1.033445	17.02388773
1.710285	1.021375	24.42738571
1.71332	0.823555	36.20416332
1.516805	0.50022	60.84384677
1.84936	1.131855	29.6692748
1.83116	1.083345	16.9462151
1.722005	0.98645	28.45880174
1.68667	0.75498	0.398189715
1.543695	0.586335	5.744404169
1.308665	0	22.92060792
1.707865	1.11491	30.18066777
1.735255	1.14218	5.990079291
1.73867	1.141095	12.60960806
1.661045	1.081985	23.72696945
1.912605	1.053655	8.707394363
1.965855	1.173605	11.76906944
1.98332	1.10321	0.228267957
2.004175	1.159665	16.76846855
1.572575	0.3642	0.511022554

2.05082	1.278865	110.0959681
1.724825	1.12148	8.255812968
1.621285	0.84024	60.83825758
1.72399	0.841015	22.48606338
1.741345	1.01569	32.13342264
1.78073	0.913105	27.38212899
1.83862	1.12395	26.16066888
1.75026	0.89158	13.1149494
1.731975	0.84528	1.883203196
1.910805	1.260145	9.159144401
1.91429	1.23924	34.56783758
1.918025	1.23973	47.54280948
1.920245	1.238155	17.5651799
1.77709	1.130325	32.06364239
1.83281	0.96746	61.27058214
1.83258	0.96616	33.1969894
1.84553	0.96471	10.81737829
1.633705	0.847505	11.61166837
1.68157	0.96163	32.88367424
1.664315	0.920185	4.475897711
1.715205	0.87584	6.995361251
1.3004	0	54.1072623
2.03958	1.275175	16.61526715
2.03942	1.279675	30.43548353
2.00715	1.23344	61.36731395
1.82462	1.101055	36.21079285
1.58645	0.904475	10.66819422
1.91735	1.23083	140.8879779
1.907905	1.22407	6.490722136
1.374845	0	65.83952276
2.067275	1.31325	16.65657064
1.687965	0.82864	18.1355875
1.733875	0.908125	2.41870392
1.707085	0.8298	21.31503915
1.662755	0.753545	14.71869413
1.71963	0.903075	37.68385868
1.362285	0.457765	15.85491477
1.68183	0.984705	26.522626
1.487295	0.391015	1.157823013
1.66878	0.78347	5.999818445
1.795545	0.945595	14.84559256

1.751685	0.84539	13.09045746
1.802575	0.94935	14.46079579
1.837035	1.034125	13.21851785
1.81794	0.9862	8.303624856
1.458605	0.41845	13.76746957
1.731445	0.958575	88.60127485
1.56798	0.69813	7.509589531
1.693135	0.775335	2.598099247
1.32344	0.315435	109.8253768
2.039135	1.30005	1.705442714
2.038895	1.301415	4.684317174
2.039665	1.305695	26.87012111
2.042465	1.30831	26.2031113
2.042665	1.309795	43.24038599
2.044205	1.312945	30.72263697
2.038835	1.309705	50.25921682
2.034295	1.30892	2.499089989
1.67943	0.829795	32.01431483
1.353195	0	51.18492021
1.782065	0.94367	37.07657533
1.4664	0.439225	8.018494133
1.77952	1.04473	38.42352909
1.821675	1.21251	21.73898502
1.827745	1.21541	0.174683085
1.625255	0.986575	13.46887115
2.151645	1.33259	3.019953194
2.145175	1.35268	39.53920084
2.13965	1.35493	56.1694954
2.133435	1.35849	169.517461
2.12219	1.35523	175.9879422
2.08981	1.298395	18.87545113
1.97128	1.123505	14.31029548
2.08045	1.328085	34.63656931
2.07477	1.327515	33.36296605
2.071625	1.342295	11.82936826
2.07017	1.34288	31.72362055
1.6216	0.86433	25.38119225
1.816125	0.99899	1.228987896
1.89016	1.15656	73.9767298
1.82851	0.982255	22.95259073
1.70425	0.900085	74.99936272

1.597505	0.70682	2.799865512
1.78335	1.081585	43.08821627
1.234825	0	42.15505916
1.763815	1.08724	39.20767189
1.695565	0.83206	30.83577161
1.672655	0.888295	3.207144777
1.647195	0.81613	4.559047894
1.2488	0	110.3602436
1.22316	0	17.2348217
1.979665	1.269765	77.27681027
1.985925	1.28028	11.33842072
1.874935	1.085935	10.77886895
1.87732	1.089205	11.63869597
1.650785	0.82115	14.66147628
1.29205	0	41.37499504
1.60683	0.816525	15.4514892
1.65993	0.820975	33.55891292
1.69924	0.97083	23.68024348
1.817215	0.954395	63.89524993
1.238355	0	14.58613851
1.6641	0.823395	29.02019141
1.865965	1.013175	33.77174999
1.835735	0.99163	13.29423427
1.879655	1.009865	0.437015619
1.343465	0.31953	11.23873513
1.738255	0.959965	37.90223779
1.272775	0	25.60286157
1.7287	0.83292	6.941580518
1.738055	0.930355	19.30420413
1.72288	0.913095	10.72455313
1.69182	0.874355	52.07243285
1.775185	0.95907	5.049958249
1.752035	0.926405	22.01203633
1.78012	1.070385	24.65095847
1.76677	1.01618	4.475305442
1.759975	1.04632	1.536254162
1.756145	1.03891	94.37029829
1.676085	0.85761	1.227440173
1.689295	0.963605	46.32216503
1.684865	0.858235	21.88101596
1.71268	0.928855	21.50789802

1.781565	0.943785	35.65641808
1.59216	0.96483	8.486732456
1.7408	0.97888	52.13443228
1.732335	0.898785	7.851392794
1.63748	0.76043	1.903116418
1.80412	1.05595	24.92560493
1.804035	1.059965	8.421471062
1.83123	1.085105	5.618969575
1.859265	1.12578	30.04876009
1.875515	1.138405	27.29362126
1.437555	0.310965	75.89980491
1.99254	1.311365	16.61433806
1.992395	1.31143	34.84647997
2.00051	1.31142	16.19359108
2.005445	1.30984	44.13947759
2.007985	1.315815	37.9572594
2.014515	1.315295	5.617555944
2.01363	1.30707	8.096828224
2.019	1.317045	15.35877153
2.01762	1.321895	32.80498637
2.017225	1.298605	73.13059812
1.63792	0.819885	18.33485517
1.83383	1.120765	56.08919484
1.863915	1.14208	260.1683437
1.79271	1.140775	21.77938913
1.62631	0.88063	1.428221498
1.639225	0.922435	17.95712791
1.76826	0.860675	39.91344634
1.38581	0.128465	0.892971293
1.27777	0	52.1012925
1.60013	0.806345	16.04053088
1.634105	0.89438	2.708464851
1.510195	0.64177	70.97094778
1.220595	0	17.42471341
1.73802	0.96912	29.3352072
1.70473	1.077995	87.79833276
1.69229	0.974995	51.41393621
1.1917	0	29.61052047
1.22507	0	36.0121449
1.698425	0.900525	33.00028641
1.215705	0	19.34061403

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1.759575	0.938165	31.61125322
1.77079	0.86976	15.36289389
1.754185	0.82943	45.44000644
1.80386	1.06825	28.38293761
1.359875	0.15145	90.08844391
1.835525	1.147355	9.425211102
1.666015	0.830655	18.10640497
1.65385	1.01754	25.7927395
1.678525	0.924045	5.756183848
1.49625	0.65079	0.366249654
1.800315	1.12504	47.51850529
1.78749	1.116365	32.67183611
1.66099	0.931285	68.94893855
1.653055	0.828445	18.92636398
1.59508	0.80037	67.70363401
1.67146	0.93007	20.78367234
1.71933	1.02326	13.3681996
1.78061	0.847965	21.86024879
1.754875	0.587625	0.266899607
1.848905	0.839875	2.951771808
1.785025	0.79451	22.02089245
1.75992	0.846955	17.17441887
1.261375	0	20.98877846
1.21303	0	44.20646252
1.81153	1.04705	64.87637814
1.703425	0.98893	27.63094281
1.85726	1.179645	37.81791285
1.232505	0	14.43430849
1.762945	0.93134	15.4402888
1.715965	1.02987	38.66705703
1.7169	1.036775	0.164038441
1.662605	0.925865	32.11006017
1.8064	1.057205	44.31004248
1.6952	0.949195	34.14541433
1.62578	0.928285	39.01243026
1.654035	0.822515	29.11988072
1.539955	0.73982	20.39160764
1.72362	1.02013	10.87212912
1.63864	0.81855	2.863242102
1.659295	1.036095	50.94216967

1.79442	1.13777	0.551402138
1.794755	1.137085	73.23882
1.22939	0	44.83403757
1.926395	1.23523	14.20064827
1.925035	1.23366	20.25354531
1.212755	0	27.75257877
1.26856	0.17568	4.643920271
1.80131	1.033015	25.0262912
1.76562	0.938825	33.58273574
1.75569	1.0631	0.505693425
1.79399	1.152435	79.81468128
1.802595	1.0258	9.366547322
1.76	0.900065	34.6595493
1.517205	0.93709	20.82030457
1.45604	0.621215	15.02481586
1.820975	1.211555	38.68578284
1.81202	1.20071	58.40807671
1.85748	1.05545	61.32111209
1.21717	0	24.33621696
1.73926	0.94045	12.63097303
1.324405	0.26246	30.84362512
1.90142	1.15914	7.300562233
1.900805	1.15967	1.525584125
1.72386	0.83177	43.5725796
1.929975	1.098005	36.67386336
1.633055	0.89768	17.9981671
1.22959	0	15.00653051
1.767595	1.12879	38.52624179
1.312865	0.0699	0.207621049
1.32627	0	37.58213486
1.776625	0.83212	7.124661335
1.56757	0.84366	34.51518497
1.69353	0.950805	0.535961389
1.718445	1.018255	18.91012534
1.753865	0.9554	22.92148392
1.3937	0.40404	46.60615445
1.727545	0.833295	66.98140994
1.86504	0.93089	58.32408118
1.806305	0.8509	9.011903199
1.84733	1.076275	33.40334306
1.865905	1.13188	20.1587712

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1.683105	0.88853	42.13993896
1.864345	1.143135	4.730456892
1.861405	1.145235	34.04166822
1.73496	1.040265	3.502960363
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1.888975	1.033855	8.759714202
1.40672	0.475715	26.62087227
1.781685	1.12661	48.11562301
1.67695	0.997215	10.64473787
1.262585	0	61.71088361
1.6681	0.814905	11.58508749
1.716185	0.8348	38.53431422
1.200595	0	23.054268
1.84389	1.17489	2.347308317
1.86519	1.18321	1.016978121
1.942135	1.30642	153.8126036
1.858055	1.064115	20.07496266
1.838625	1.04993	11.53482222
1.74907	0.90996	0.641853854
1.71669	0.865675	0.912648212
1.874275	0.984115	1.02328196
1.888435	0.995405	16.34648612
1.766635	0.878015	0.366577358
1.81008	0.988125	29.62544903
1.803135	0.973715	0.099069924
1.81821	1.014175	2.933757522
1.71644	0.825305	9.246993079
1.7402	0.891225	84.82833741
1.701585	0.89294	10.03435346
1.552985	0.79455	30.16399815
1.69566	1.01887	66.71841113
1.649035	0.81796	23.59868054
1.48018	0.667025	13.35978472
1.65556	0.822335	7.692762436
1.677795	0.88632	44.15052104
1.785705	1.017225	37.05723225
1.74566	0.950295	0.322328729
1.730125	0.83116	19.22132941

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2.065665	1.30383	84.91238261
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1.69012	0.8161	6.550284374
1.68911	0.81997	10.46078605
1.26111	0	6.179746535
1.70857	0.849125	15.67575807
1.73707	0.830525	4.014519654
1.8248	1.07466	55.71947647
1.82312	1.10445	55.81979354
1.6908	0.88717	39.40739473
1.58493	0.84379	70.60665994
1.77352	1.048455	20.98956835
1.78745	1.023575	51.82884597
1.64773	0.81848	2.387267377
1.45565	0.494105	0.02008009
1.78414	0.87819	56.53814953
1.53202	0.78279	30.62383365
1.702485	0.929435	11.58735865
1.57874	0.886895	7.836077734
1.56952	0.810595	6.244463457
1.75945	0.972755	66.30155437
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1.67483	0.909	4.144506266
1.69027	0.94532	14.2863165
1.69837	0.96268	0.444854639
1.69377	0.93882	3.029650185
1.71384	0.993365	8.855986327
1.604125	0.75251	1.052112527
1.639395	0.83243	10.87444156
1.28712	0	28.5875996
1.78627	0.98666	18.13411585
1.70733	0.832805	21.30730709
1.1887	0	4.477824446
1.773355	0.983195	73.65968041
1.66187	0.892485	42.43547472
1.67662	0.923245	14.33208402
1.68727	0.951505	32.47814741
1.66445	0.840475	5.764726313

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1.793255	1.099515	17.15065777
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1.67695	0.883795	23.09860335
1.84283	1.063335	43.36408387
1.67974	0.94708	53.71285393
1.626305	0.90034	14.69614676
1.67135	0.948665	19.85337345
1.667525	0.8166	14.97687608
1.455095	0.55648	44.20153427
2.00006	1.262555	22.61389997
1.998985	1.27509	31.43228618
1.98995	1.27089	40.71333184
1.978485	1.25685	6.584850737
1.5778	0.994755	37.7859157
1.82578	1.03208	36.2469447
1.763985	0.83936	168.4903613
1.72056	0.943565	41.30174146
1.650425	0.90247	54.60814366
1.568685	0.78829	25.74992225
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1.81569	1.08234	0.256461947
1.547005	0.659275	3.219619333
1.80691	1.10627	55.50469012
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1.22522	0	15.99309228
1.882285	1.146155	106.50356
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1.856675	0.894895	1.770303536
1.17695	0	57.68789824
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1.34563	0	49.40939464
1.763265	0.845925	4.906381595
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2.07465	1.17532	11.85711516
1.99966	1.21779	37.6181496
1.999915	1.220715	61.00191018
1.6971	0.784835	23.36497946
1.85131	1.1445	18.65958709
1.76482	0.98137	15.01454593
1.780965	1.039765	43.55566909
1.66059	0.81252	55.46811062
1.59353	0.742155	14.6767107
1.94176	1.186455	18.29165642
1.94116	1.181715	12.6403414
1.81414	1.040825	64.08928108
1.803115	1.01734	36.83452444
1.678745	0.91551	24.84552717
1.820325	0.92172	5.414204144
1.38449	0	49.63693993
1.65594	0.95177	15.14360296
1.66258	0.96458	3.142865906
1.786415	1.013705	61.92811403
1.58903	0.68745	0.191194272
1.671395	0.778565	1.23201658
1.696555	0.8162	1.727643464
1.92529	1.198105	14.13246521
1.63035	0.902645	15.95083873
1.717405	1.01584	25.19121123
1.729495	0.919595	30.4209917
1.19593	0	8.696295042
1.568675	0.79199	28.49809194
1.83312	1.14506	14.94708624
1.73273	0.8407	22.70021624
1.754645	0.923845	32.97908347
1.58266	0.657395	0.565383569
1.611125	0.810855	10.52015408
1.716405	0.926795	32.35960413
1.233335	0	18.06660167
1.67903	0.82455	26.0066696
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1.885775	1.14342	19.91647858
1.81893	1.020375	20.50140482
1.68219	0.811835	4.767684709
1.648655	0.701845	2.372920252
1.68141	0.853635	41.77186059
1.462225	0.488205	7.137257347
1.736145	0.84855	16.69513526
1.60073	0.860555	2.028008249
1.542075	0.75176	26.19779129
1.544225	0.710185	0.276807514
1.649935	0.91172	37.87065571
1.66921	0.99572	26.24198049
1.685175	0.75565	17.56322293
1.634375	0.871445	6.789683749
1.230375	0	24.91810848
1.828195	1.15927	28.20300657
1.824255	1.135805	12.05136016
1.83031	1.140995	17.97294001
1.94267	1.192815	9.972334029
1.924525	1.174555	57.90412229
1.922515	1.16305	5.963075224
1.737625	1.02664	9.374334985
1.708225	0.973485	21.88999817
1.68774	0.927235	41.84686364
1.57766	0.661985	33.19330584
1.841935	1.118235	4.211954439
1.75155	0.705095	0.920442573
1.842105	0.904545	7.832770137
1.861445	0.86755	39.65591274
1.921115	1.18186	44.03608151
1.74412	0.9809	66.89018932
2.0353	1.261015	125.0280986
2.036615	1.261755	24.96055859
2.04638	1.288305	48.14264255
1.75251	1.042285	17.81763672
1.677005	0.763345	33.02166468
1.8462	1.002905	34.13520904
1.297585	0.172725	2.279512668

1.71948	0.829115	60.8427131
1.645865	0.94522	8.979977581
1.764565	1.00833	25.15376369
1.785955	1.06075	31.43218635
1.42819	0.40643	2.796512435
1.72958	0.96076	4.850230581
1.499365	0.632945	0.208927978
1.64238	0.842775	18.17693749
1.68025	0.90483	7.750237789
1.262265	0	93.25382884
1.381355	0.37097	1.278301998
1.659705	0.82602	15.36583267
1.7481	1.0091	50.10248904
1.720905	0.94764	3.133712668
1.665745	0.826235	9.190631694
1.678945	0.888115	20.21783328
1.781525	0.99863	2.867834885
1.98677	1.274745	89.31026298
1.996555	1.282775	106.2498353
2.01805	1.29297	30.32523844
1.858515	1.113815	44.37361718
1.8627	1.118825	7.28724604
1.81104	1.000815	18.2573913
1.646405	0.852235	13.16065737
1.29794	0	44.81919568
1.7582	1.10584	24.24515915
1.67627	1.03956	15.30161192
1.789585	1.086505	19.30811514
1.767695	1.053235	21.18163692
1.92815	1.202535	62.20071335
1.66356	0.851995	19.01020645
1.90386	1.162055	1.304612387
1.909665	1.172	31.55120737
1.761225	0.929165	1.72740534
1.89109	1.12354	116.9654766
1.68712	0.770115	11.71330671
1.73405	0.862695	25.51623479
1.78942	0.989485	4.538932528
1.807135	1.04667	38.04386265
1.41865	0.45972	2.274260364
1.736205	0.947885	27.92025231

1.54884	0.565365	0.187703304
1.74402	0.96008	2.050599955
1.88546	1.140125	21.82056464
1.885015	1.13859	8.471819645
1.81506	1.035615	18.62708106
1.74346	0.95373	41.1030643
1.75976	0.969425	3.787835504
1.779755	0.99224	6.721655284
1.357275	0	33.01847629
1.77232	0.846695	3.535846956
1.61395	0.63896	7.380015797
1.73225	0.76661	2.943535714
1.689385	0.769095	9.684169652
1.44059	0.608265	2.966788737
1.99145	1.135825	25.29954205
2.156955	1.343015	59.41756776
1.7219	1.007635	117.6342436
1.388255	0.378765	81.86445158
1.7242	0.8587	11.34094623
1.719675	0.90075	18.42085475
1.739295	0.929175	14.58469345
1.788285	0.999625	3.910801321
1.80866	1.075425	58.12165229
1.535255	0.74774	13.03815787
1.729305	1.00303	24.3677094
1.615975	0.98055	1.070160633
1.686165	1.003935	21.93494111
1.294515	0	120.9264542
1.27126	0	24.62758834
1.754705	1.136315	119.0014767
1.75771	1.13525	25.1919711
1.66397	0.82732	35.73292513
1.85092	1.019335	3.67975906
1.816975	0.961235	14.88489465
1.797755	0.951915	33.53429936
1.826655	1.15894	23.54101711
1.196395	0	36.13847704
1.943185	1.15853	47.05841017
1.952035	1.1748	14.56922783
1.956005	1.170375	26.65046891
1.75005	1.038195	6.88902862

1.88643	1.165775	26.23201056
1.89427	1.17243	8.68228645
1.90081	1.17752	61.11124474
1.911465	1.186455	60.82694515
1.57677	0.86084	11.81717024
1.6111	1.024185	40.09899651
1.6954	0.846995	18.4640008
1.677385	0.785825	0.568674115
1.648285	0.8165	15.11260445
1.64366	0.966455	19.92222396
1.69966	0.971875	21.72738162
1.31868	0.26008	0.067518664
1.66569	0.82607	16.44564097
1.657315	0.81799	30.45242285
1.364505	0.488135	5.265205277
1.99837	1.259925	50.91662439
1.865575	1.01635	0.942008333
1.85035	0.99213	19.28914193
1.824865	0.92112	4.504739027
1.922315	1.08601	60.14799177
2.033335	1.23504	7.908439732
2.034395	1.23673	43.59566067
2.02804	1.211695	8.32468772
2.031265	1.21859	39.96225107
1.82964	1.01313	84.6464317
1.789275	0.94582	3.991948923
1.854745	0.934285	11.72581971
2.043425	1.262175	18.79963184
2.110905	1.336415	22.99093873
1.93272	1.102385	6.573511136
1.92766	1.093395	11.28901916
1.72313	0.95937	42.19499367
1.651035	0.859965	2.110379995
1.76063	1.087935	42.4199329
1.80791	1.02789	34.13009795
1.584395	0.69172	21.89226818
1.63979	0.887225	13.53360374
1.538375	0.556645	46.01757296
1.736885	0.90397	5.730423457
1.778005	1.005455	31.39276632
1.823595	1.1123	14.9715496

1.83478	1.12835	5.60159101
1.862235	1.18813	32.91529271
1.46935	0.52308	7.391585248
1.676475	0.94773	14.68971476
1.239955	0	11.32708192
1.82025	0.999515	6.646609666
2.023005	1.297455	114.8090278
2.00224	1.292745	51.08171151
1.229425	0	41.27025319
1.65095	0.734325	0.628789964
1.731525	0.966255	59.62634072
1.36988	0.323035	11.62104784
1.68134	0.937275	5.023838493
1.811875	1.083325	50.93458994
1.805065	1.086585	24.88490105
1.80548	1.09065	109.9123426
1.76767	1.042015	2.908673651
1.763855	1.05926	24.97062645
1.377595	0	7.524155568
1.94647	1.21535	15.6128152
1.94806	1.219045	39.99039631
1.719075	1.03564	38.52918026
1.667955	0.974055	33.1694656
1.613925	0.864545	25.77894404
1.422615	0.435875	0.262681652
1.813655	1.11728	19.44508173
1.520765	0.588845	2.900176727
1.28784	0	19.1443884
1.74898	1.11174	0.474655254
1.754465	1.117785	79.242068
1.772705	1.13009	55.18737976
1.226595	0	10.87575515
1.597335	0.8007	31.94975271
1.26142	0.112245	1.292030627
1.61848	0.80319	35.07115452
1.463875	0.53365	0.042591314
1.3208	0.281755	19.40807412
1.671875	0.75025	0.267947942
1.76559	0.980585	17.80579684
1.77415	0.99113	11.09120944
1.7093	0.997145	11.6339838

1.459355	0.514455	7.70268668
1.864805	1.16474	27.22744026
1.72191	0.75403	2.794944266
1.5764	0.66543	122.2715992
1.834795	1.083835	17.18079356
1.51371	0.80864	87.92413084
1.82597	0.99805	0.960314266
1.857915	1.07935	21.77573492
1.858525	1.026405	3.340196583
1.31346	0	20.32496593
1.33104	0	57.17685387
1.738815	0.79961	1.319344478
1.757605	0.90533	40.38053966
1.70019	1.12259	0.035787427
1.699295	1.12332	12.39193548
1.658355	0.820055	12.29865574
1.696365	0.927375	59.86454045
1.705705	0.930665	0.698719872
1.193185	0	70.0518468
1.693335	1.0203	26.29799302
1.60511	0.860285	5.388765192
1.85465	1.08794	41.24819805
1.987675	1.267	32.01569359
1.73051	0.928135	19.6584671
1.690465	1.06227	75.7311285
1.428285	0.542735	2.973752977
1.597235	0.781725	23.5480049
1.260025	0	31.80734661
1.338815	0.155305	2.812049765
1.36238	0.308985	1.548917329
1.71625	0.99822	49.26469676
2.088035	1.153405	104.0002507
1.72668	0.77778	2.6259961
1.816815	1.10615	46.20318398
1.42917	0.434625	1.09210187
1.793695	1.104675	23.07030459
1.778045	1.067095	2.579911969
1.645895	0.8177	15.46387343
1.62459	0.7317	60.09044024
1.893635	1.211015	0.196516513
1.717705	0.83677	31.52894955

1.630945	0.943225	5.372647572
1.763535	0.84806	37.17652458
1.51339	0.6417	8.871381656
1.22779	0	0.203502948
1.83817	1.22232	75.78013785
1.50892	0.60511	4.616692447
1.862525	1.065025	59.90725783
1.810245	0.99335	0.427954788
1.215215	0	44.81561403
1.697825	0.820665	20.62079278
1.853565	1.07969	12.98468729
1.83172	1.047195	9.204341638
1.711015	0.863395	25.50390164
1.697775	1.05934	130.9956278
1.89938	1.080415	97.36887271
1.739645	0.885915	49.26594622
1.200325	0	20.82161817
1.59134	0.785625	8.916661364
1.74153	0.776175	3.347631332
2.0866	1.29773	121.5649629
2.14709	1.31456	0.707787123
2.16745	1.24698	71.44265649
1.75789	1.024515	33.60722096
1.7576	0.88679	0.158631302
1.992255	1.265165	23.36306128
1.269815	0	46.09185041
1.60799	0.90229	19.1799695
1.80729	1.017425	38.48554255
1.72795	0.831915	81.92875358
1.661525	0.762925	0.887104847
1.725035	0.846095	43.07153553
1.67052	0.75716	7.81990232
1.72854	0.92646	39.64260757
1.869535	0.855195	10.33582998
1.26657	0	30.89154878
1.556175	0.78824	55.09480089
1.59765	0.876385	24.33619653
1.23155	0.14175	0.444217031
1.64635	0.817135	17.06888371
1.738535	0.99065	6.589531582
1.80907	1.15476	12.47981109

1.709755	0.98736	3.472693482
1.73236	1.032855	44.85756563
1.79025	1.12698	52.73279425
1.705585	0.93777	24.2600038
1.75753	1.083415	17.08222928
1.64182	0.84819	1.430824721
1.686135	0.95649	44.95013121
1.1753	0	42.09195934
1.288145	0	51.93832481
1.74208	1.00165	123.8511662
1.644575	0.908765	2.297420767
1.34247	0.37112	7.159234954
1.89238	1.205605	31.71135097
1.70347	0.90509	21.44441127
1.64446	0.79866	4.256834883
1.25136	0	24.96073713
1.76733	0.833735	40.14189173
1.294325	0	4.973930121
1.361205	0.15007	9.222998011
1.69136	0.88456	41.67140993
1.7052	0.91972	0.782321782
1.22619	0	31.09598354
1.64661	0.85851	2.570855158
1.42101	0.521775	2.173709101
1.30007	0.201325	1.436571983
2.0708	1.26163	12.19248967
2.06537	1.26669	182.8120369
2.051435	1.1992	36.30303932
1.77256	1.067555	43.68255465
1.769715	1.0795	4.848029507
1.444005	0.341295	17.83720639
1.21989	0	23.39878806
1.733915	1.090965	105.7465943
1.73174	1.092725	12.88333261
1.850405	0.81735	4.42964454
2.152285	1.363335	15.9261675
2.16438	1.38219	37.20820288
2.17806	1.40897	27.67144485
1.26672	0	33.49613282
1.735315	1.08814	1.066304614
1.727235	1.064745	9.681105976

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1.79734	1.06335	2.024015961
1.827325	1.14431	26.65650547
1.436755	0.48419	7.312626871
1.583865	0.801885	10.6792466
1.96148	1.2131	87.05554936
1.45223	0.583115	5.716767412
1.57048	0.788245	40.01177504
1.711925	0.765065	1.18894348
1.33741	0	86.45631734
1.27209	0	40.915922
1.73126	0.954295	45.14411357
1.631625	0.986205	46.96712501
1.3287	0	18.58091299
1.50147	0.693375	45.02800855
1.442645	0.29318	3.113522982
1.739925	0.840365	38.9477017
1.793265	1.11744	30.21159191
1.75421	1.02191	23.68714643
1.885365	1.06649	11.40017163
1.9664	1.234645	18.91490407
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1.847685	1.034005	31.42303252
1.471435	0.578445	23.19720431
1.73948	0.981825	20.93365603
1.95798	1.13928	22.08003454
1.961535	1.14581	8.761714849
1.820745	0.983785	27.19286488
1.713155	1.10173	14.21059124
1.20304	0	12.26480633
1.847865	0.922555	38.52885323
1.690065	0.910955	11.35419958
1.364105	0	91.15919328
1.87319	1.12469	0.002332381
1.87244	1.124905	8.091284577
1.8751	1.132695	38.94605848
1.959035	1.25508	6.827756438
1.960085	1.26332	6.307592159
1.80542	0.97026	11.93687672
1.555635	0.525775	3.316137636

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1.620585	0.860095	2.37294751
1.581015	0.84625	69.43977925
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1.7735	1.074535	0.10381522
1.8878	1.14601	51.85483563
1.81946	0.984865	0.145329041
1.86997	1.104345	31.96971577
1.847215	1.1467	23.6199154
1.57669	0.758565	34.90702698
2.14686	1.12701	347.6443787
1.267085	0	36.74466012
1.73644	0.83469	46.73478904
1.7144	0.847025	44.47444984
1.723645	0.867975	4.712892888
1.842645	1.10731	64.01948022
1.810865	0.897875	12.35737659
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1.948905	1.17632	110.8340397
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2.03505	1.325715	59.07302317
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1.74493	0.870085	54.32921512
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1.834945	1.18528	7.864330983
1.81356	1.157735	7.450356588
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1.932915	1.21008	26.97204884
1.942005	1.21135	71.99476242
1.91926	1.1182	4.426394792
1.585725	0.801895	22.975954
1.66238	0.85488	1.897125312

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1.4795	0.6477	33.13803761
1.62064	0.77414	0.487726358
1.648845	0.814595	3.181860514
1.389485	0.244265	0.45129292
1.698325	0.758765	14.1234507
1.534095	0.779975	19.83721839
1.645515	0.932365	3.962856475
1.618725	0.87076	5.864936096
1.76732	1.01607	32.27287345
1.8536	1.031875	73.23322353
1.798575	0.90972	1.943666547
1.864855	1.0765	41.55640128
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1.874275	1.088285	34.95757968
1.253095	0	29.19745429
1.796365	0.91308	8.782565713
1.845445	1.02574	18.61188108
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1.78432	1.018825	44.71249572
1.83373	1.14769	51.97206219
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1.747245	0.946825	4.193296871
1.669225	0.823885	31.81241555
1.777415	0.96661	20.55150315
1.944155	1.24263	39.28941108
1.790175	1.05739	48.35141136
1.760185	0.96411	3.240506814
1.74658	0.942135	30.42480913
1.705625	1.02565	9.4817141
1.631985	0.873145	17.06428952
1.652325	0.929765	15.60699227
1.33944	0.24056	3.694337788
1.66753	0.864745	33.32402208
1.89114	1.209625	105.2514432
1.664235	0.91886	27.89702037
1.853995	0.94647	36.53489012
1.63448	0.79998	19.83787124
1.362655	0	16.31689167
1.90407	1.13538	11.16512544
1.80595	0.870525	1.180325277
1.969185	1.092155	9.743433749
2.041285	1.22043	94.46523155
1.634255	0.78344	0.728991366
1.74246	0.978665	42.89547244
1.731195	0.96198	0.226346746
1.762585	0.899455	71.29949669
1.811385	1.00495	1.028915045
1.80493	0.992915	0.73780206
1.797535	1.00859	26.25446423
1.74868	0.865645	8.173167203
1.60787	0.62597	0.707788456
1.84372	1.153755	24.24395193
1.84459	1.15899	50.80026771
1.84181	1.16033	17.06477473
1.83878	1.151335	6.724381456
1.674015	0.88879	12.8222727
1.680645	0.758765	36.3702547
1.970495	1.151545	12.4693886
1.40582	0	12.45567568
1.8162	1.164275	30.16998411

1.808345	1.14218	0.460168882
1.65164	0.82549	31.49620016
1.748815	1.04817	36.20879128
1.710855	0.794225	112.0603979
1.73511	0.96427	18.30393275
1.23342	0	22.40341619
1.586275	0.684075	12.9605811
1.238525	0	30.71390435
1.91406	1.130825	41.55623494
1.981075	1.206015	111.1287887
1.98804	1.20929	110.8238669
1.537325	0.40355	4.175858064
1.999555	1.20787	15.57698489
1.98901	1.20087	33.38799115
1.27916	0	81.88886308
1.985855	1.21033	410.3944848
1.693325	0.89211	31.32327517
1.626715	0.98965	22.81981754
1.587625	0.761005	10.45942307
1.74712	0.85524	7.056638605
1.85533	0.990655	0.593017673
1.84347	0.96318	5.205037329
1.828625	0.928655	32.04005666
1.98927	1.311055	213.0411841
1.99752	1.287725	126.1327891
2.01192	1.257085	32.22469012
1.90666	1.16337	68.61321534
1.73935	0.9082	11.65503325
1.75113	0.89005	7.703263522
1.77141	0.93353	28.59490566
1.604735	0.813125	12.17873775
1.66432	0.9721	86.07304978
1.740835	0.96505	10.86004134
1.77459	0.93524	2.827956606
1.755165	0.91882	4.826201041
1.919975	1.1995	27.06557264
1.914265	1.196465	5.638438104
1.637695	0.82642	28.43092309
1.774615	1.05172	20.17039802
1.72377	1.04064	30.61555039
1.773115	0.98135	48.82958648

1.261915	0	14.29200195
1.837335	1.027995	51.99060339
1.85927	1.052695	61.23882002
1.838	0.976125	0.492019614
1.60959	0.699875	0.158264209
1.66275	0.76931	41.76397627
1.620265	0.690695	1.393373153
1.51937	0.553885	6.931332011
1.70136	0.86022	29.71929885
1.205685	0.067035	0.259270438
1.181165	0	54.15529896
2.00793	1.185125	206.9806448
1.736045	0.95151	0.717603581
1.751945	0.988505	8.577987971
1.75389	0.98238	18.34211726
1.73924	0.840875	17.68781024
1.71533	0.9593	17.29711959
1.659295	0.82924	0.471188932
1.72921	1.017165	19.67934722
1.745565	0.968015	58.97614248
1.73593	1.00408	24.55289459
1.64865	0.789605	6.10659099
2.000505	1.152345	54.97693608
1.962465	1.06524	9.724687722
1.87064	1.02317	12.6331517
1.92243	1.093755	24.2950543
1.923085	1.099315	10.01329369
1.629465	0.5948	1.339001492
1.5965	0.86087	15.97912484
1.757475	1.009085	25.34392769
1.776525	1.052955	50.86491868
1.36552	0.3396	1.287142793
1.22398	0	26.83944787
1.708975	0.69616	30.850418
1.837815	0.939795	94.1731919
1.689745	0.993045	16.5673774
1.676295	1.071175	22.04709448
1.72665	0.898985	2.182613259
1.7552	0.97675	30.20143691
1.55522	0.72288	4.237354629
1.897265	1.11724	74.49295075

1.62933	0.726145	9.464292441
1.676545	0.764515	32.94406292
1.641805	0.89325	20.56394248
1.833185	1.034265	17.60813418
1.869255	1.12511	29.93862092
1.87708	1.143295	2.793114436
1.880685	1.15241	57.24451895
1.88411	1.15818	46.48437798
1.677455	0.83164	22.31909674
1.95012	1.264135	43.68899315
1.830565	1.144005	50.32238382
1.7499	0.94882	1.343441033
1.726155	0.906955	41.0362602
1.794015	1.057545	13.29731095
1.700435	0.883275	74.14653164
2.058965	1.225185	23.39634184
1.68074	0.655485	3.784304328
1.78398	1.019625	9.569797493
1.815805	1.099245	46.33515998
1.171955	0	10.98897541
1.70387	0.998175	111.9054394
1.68969	0.96854	19.56390681
1.67455	0.88384	72.28783533
1.61296	0.86498	28.37164336
1.636435	0.90248	32.31977249
1.461645	0.613365	15.79592554
1.701325	0.83269	51.46989405
1.5241	0.65557	4.765210703
1.75763	1.12919	32.2448309
1.773105	1.023475	23.90391811
1.734815	1.009325	97.07553108
1.664505	0.856875	2.228064848
1.645635	0.81765	55.44508664
1.696255	0.854595	39.93248423
1.236155	0	44.02438527
1.63593	0.79589	4.514284744
1.55669	0.75921	1.145993058
1.48892	0.5463	3.27477082
1.322735	0	41.83419377
1.750105	0.88982	29.51787667
1.64121	0.83206	5.804351872

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1.33622	0	59.21400423
1.81537	1.1607	9.538165412
1.762885	0.98126	62.06820692
1.764125	1.01835	56.06072808
1.615925	0.910515	39.80598413
1.657515	0.73255	24.71730688
1.419235	0.537115	81.25598197
2.03675	1.29679	111.9476943
2.07872	1.327225	37.846786
2.07718	1.324785	1.559603964
2.083475	1.331065	46.55800985
1.52481	0.4873	38.77073154
1.727055	0.97578	28.95971968
1.670595	0.88386	6.108144076
1.631995	0.792415	25.86468817
1.283825	0	17.7209438
1.72124	1.056165	85.45049765
1.129165	0	157.6401741
1.297325	0	68.00880134
1.247725	0.162555	13.14868439
1.68361	0.94147	23.83512033
1.693535	1.02993	42.16785866
1.713375	1.044975	21.37091084
1.735485	1.065755	6.396596393
1.753365	1.084475	28.93339248
1.763205	1.0909	15.64389868
1.577775	0.788835	17.59271634
1.219195	0	22.17150104
1.59621	0.738565	19.71259357
1.63268	0.7218	7.994377666
1.888995	1.09188	11.27836946
1.82124	0.924525	107.5366405
1.70359	1.010525	11.57759701
1.71465	1.03908	20.20248657
1.742625	0.87532	15.33798821
1.775955	0.8979	0.244079107
1.730675	0.840775	23.68841545
1.763445	0.895265	16.88886338

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1.820695	0.96488	45.88996195
1.992795	1.270365	31.58660155
1.95287	1.20019	21.07759494
1.945865	1.18828	6.122847386
1.940855	1.186425	106.3561203
1.735685	1.076905	65.94173792
1.797875	1.117005	150.5618561
1.176385	0	48.39364891
1.581475	0.809575	19.31413092
1.928125	1.136325	24.10273367
1.93252	1.14446	18.72529334
1.55286	0.600305	1.943556342
1.598345	0.80106	14.70006942
1.834035	1.099145	22.84475235
1.828115	1.084095	42.56198197
1.75419	0.88034	2.94178206
1.73108	0.80378	3.343583257
1.699295	0.865265	5.529963855
1.78371	1.18709	6.857834574
1.176685	0	47.89454992
1.75989	0.95762	30.42352152
1.70823	0.85593	0.901085534
1.731585	0.882515	39.44471741
1.637575	0.817345	18.37519854
1.7718	1.024795	15.01633905
1.78719	1.06314	18.58080559
1.838105	1.176085	58.79953574
1.644915	0.87836	32.83659527
1.5128	0.693065	65.24128755
1.19731	0	7.282725624
1.885135	1.078015	40.7659097
1.661545	0.887945	8.2343901
1.558605	0.66095	7.86553398
1.704075	0.879765	29.77003184
1.917995	1.136375	10.2557507
1.78124	1.074305	1.103365697
1.76479	1.054135	4.349764143
1.7962	0.91893	30.60002404
1.861255	1.0731	6.070849259
1.86448	1.09788	13.41442409

1.850565	1.07369	2.410294931
1.860825	1.10712	2.115521498
1.63675	0.918045	41.02952678
1.81062	1.0311	17.23560618
1.84858	1.1603	24.64288252
1.69338	0.83935	16.1765071
1.46072	0.549025	4.437053447
1.84285	1.08403	2.084821973
1.85152	1.09922	19.17637724
1.975005	1.2781	42.20275272
1.67366	0.668255	1.112101912
1.13468	0	49.21972059
1.73831	0.971565	4.017448301
1.581935	0.7998	18.74986408
1.605875	0.862555	62.57817739
1.73484	1.057275	19.71583265
2.0774	1.1419	200.1946004
1.585995	0.681325	0.331362534
1.884245	1.122325	56.30551052
1.959895	1.184055	13.65832905
1.968295	1.20892	41.54503549
1.96549	1.203075	5.585532066
1.904085	1.02002	35.97702656
1.902415	1.0078	8.107039164
1.16668	0	43.72014978
1.698805	0.98606	21.21691945
1.722695	0.983335	83.03666934
1.32194	0.325475	26.94505371
1.6717	0.83077	9.467021683
1.69399	0.87496	1.583317318
1.835235	0.889745	14.25202763
1.880475	1.005795	51.02552974
1.882515	1.011425	10.7309074
1.89323	1.043	14.46569115
1.83396	1.017895	3.713138969
1.75365	0.947785	33.04835131
1.65637	0.9494	25.08767463
1.80023	0.85349	38.84325298
1.451945	0.51401	17.69927258
1.8098	0.852715	44.48251209
1.359465	0.10987	2.399720456

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1.858075	1.041015	20.27152725
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1.73771	0.84904	26.08222155
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2.142425	1.3999	131.5877591
2.14738	1.382255	92.84245789
2.159435	1.36654	7.710745047
2.176075	1.370955	134.040522
1.721575	0.937675	3.212131885
1.69412	0.932	60.05182698
1.837455	1.143195	25.86428572
1.590515	0.788655	17.82005143
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1.896275	1.17589	2.91091532
1.961935	1.1583	68.41513753
1.748155	0.90269	20.68968363
1.865985	1.05317	26.99283206
1.639975	0.92177	1.229544082
1.671975	1.00041	34.75406861
1.68112	1.022105	19.3034918
1.5426	0.84539	7.850607941
1.977015	1.254275	66.97591555
1.457715	0.66282	7.96212629
1.69187	0.832485	5.664392255
1.719365	0.902885	0.866252815
1.772395	0.98903	30.55307538
1.327215	0	35.47436549
1.84412	1.103255	10.78251653
1.64333	1.00946	50.22046241
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1.19139	0	54.29516815
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1.746825	1.07922	4.786293862
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1.312405	0	34.37045752
1.89444	1.09307	0.751929159
1.89706	1.104625	24.28062896
1.893365	1.09068	46.32649979
1.84857	0.975355	1.865878646

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1.27592	0	42.86541546
1.38495	0.62647	0.042870037
1.62796	0.96238	30.0246245
1.84714	0.97082	17.19400952
1.865775	1.02023	12.84688732
1.82491	1.07095	11.33084917
1.857235	1.148435	47.7168876
1.820405	1.1036	25.34391254
1.818185	1.10002	27.82898517
1.341755	0.20139	2.055641743
1.290095	0	81.56085164
1.679515	0.904495	43.94714189
1.72304	0.8416	74.14997785
1.825305	0.86668	8.292355668
1.85516	0.941105	22.47122257
1.738465	0.69625	0.652901104
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1.56827	0.658115	2.25284693
1.64131	0.821825	37.03124375
1.88481	1.040115	0.7361022
1.884675	1.053065	1.240303392
1.885015	1.046345	91.73575335
1.67537	0.830505	20.97635072
1.83253	1.13803	33.70378513
1.69045	0.83416	38.00508697
1.70179	1.02471	13.55112171
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1.659085	0.928845	0.218403342
1.65589	0.95876	0.399165192
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1.66444	0.82234	14.25109159
1.705725	0.99515	0.618671714
1.702575	0.9862	13.52750121
1.775145	0.981075	30.49708659
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1.63922	1.004205	7.561982645
1.61053	0.94679	1.522924702
1.684665	0.981715	32.94611703

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1.94519	1.217535	59.53141822
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1.807515	1.03745	20.00611311
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1.728615	0.98209	24.43511311
1.394175	0.217115	48.45685323
1.58894	0.65661	47.11974014
1.707255	1.068195	48.38191746
1.85164	1.0501	10.0080686
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1.69791	1.034585	19.13515312
1.612315	0.828995	1.488632947
1.90422	1.132285	1.470744673
1.911485	1.14259	64.458224
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1.763795	0.94973	31.25316364
1.692165	0.89052	20.94900166
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1.75501	0.94576	69.29768215
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1.801455	0.990835	28.86852354
1.70007	1.03785	20.42264024
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1.27782	0	33.78028183
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1.70405	0.834275	45.76178843
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1.78392	0.999045	0.986149693
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1.679835	0.830905	61.81054465
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1.3773	0.12834	0.251541826
1.32345	0	26.79313538
1.79378	1.04379	32.08242724
1.796585	1.049075	1.775667843
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1.775505	0.93405	1.511155006
1.22191	0	38.04530723
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1.528965	0.469205	2.063422344
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1.630105	0.88169	26.96785781
1.23618	0	30.27797909
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1.71093	0.839335	21.06548136
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1.61105	0.77893	25.48530118
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1.723945	1.02271	36.12855537
1.82632	0.97828	49.74968418
1.798645	0.91365	14.57712809
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1.65381	0.87368	35.17956636
1.259665	0	90.69804884
1.225995	0	27.17140223
1.79766	1.007245	8.118753333
1.525845	0.53057	10.96951695
1.464705	0.465685	0.045311808
1.74104	0.854395	62.27310022
1.75675	0.868365	8.016185942
1.81148	0.906165	16.33251225
1.61349	0.9599	16.81451898
1.70532	0.80098	24.62217902
1.795105	0.951345	2.156439346
1.819845	1.01544	30.90327514
1.69437	0.821675	2.034527673
1.664805	0.76596	6.879637584
1.696745	0.84252	56.91119073
1.72806	1.09602	36.98951712
1.72979	1.090795	4.433822533
1.728745	1.073605	59.80206248
1.718505	1.02806	10.20171307
1.84732	1.187665	71.24665859
1.856	1.216405	19.4563198
1.68644	0.996635	7.129700539
1.30597	0	75.04662346
1.434715	0.330835	9.581105586
1.852435	1.200625	28.25475531
1.684185	0.904205	25.41016996
1.713015	0.94395	23.83633139
1.75511	0.803045	6.449867448
1.87323	1.018585	9.650628374
1.84886	0.964585	6.536020992

1.302595	0	24.01565121
1.607225	0.92912	18.35758556
1.63713	0.88374	5.679472598
1.838325	1.076475	13.63112051
1.70232	1.030465	30.21742057
1.63343	0.76146	32.92443625
2.0811	1.259135	6.591136658
2.09383	1.29832	43.26348796
2.088175	1.29153	115.7094243
2.085165	1.286375	2.659283598
2.083965	1.27662	5.619665994
2.078615	1.280565	67.16747012
2.067375	1.26791	29.8965978
2.081915	1.30061	15.14013105
2.0809	1.30117	30.68139011
1.711475	0.84265	27.70819385
1.823425	1.11669	11.7706748
1.21353	0	19.01960295
1.71582	1.06376	73.65298903
1.73151	1.073755	7.077530869
1.712465	1.042565	0.038331319
1.67176	0.96731	0.799222679
1.792035	1.005975	44.99281772
1.70304	0.978265	0.520561793
1.7326	1.049665	22.4118809
1.78816	1.00934	30.22047069
1.709375	0.856495	2.589851589
1.63965	0.881925	29.42695018
1.7785	0.923745	20.15010515
1.7737	0.88457	104.7729514
1.811825	1.037405	6.264718122
1.749665	0.80233	13.84264606
1.820615	1.02057	28.23892218
1.713565	1.04703	32.76509842
1.839115	1.05275	24.08482588
1.7989	0.94054	21.02698667
1.53901	0.77699	28.72180935
1.59984	0.925025	29.01408922
1.82103	0.923745	2.600480573
1.84718	0.993495	10.33241108
1.83928	0.99384	1.445746164

1.64698	0.81339	28.98649756
1.64167	0.811965	36.87949238
1.69881	0.79896	38.31781096
1.860145	1.03528	5.90647689
1.86159	1.03217	5.985983169
1.68365	0.90723	16.03836899
1.53889	0.738495	0.144985861
1.387695	0.341025	0.075852027
1.586565	1.00658	58.21614194
1.794895	1.029745	4.295363465
1.79202	1.04268	42.26361378
1.267305	0	0.82603463
1.63984	0.82032	4.472704337
1.822405	1.091395	25.67038378
1.25386	0	53.52543902
1.97332	1.07788	11.59660867
2.046625	1.230715	92.23815016
1.942075	1.085355	27.18865557
1.748595	0.976535	46.31771661
1.680745	0.88183	5.96543454
1.323295	0.304875	0.1961725
1.224285	0	49.74767537
1.532725	0.67955	22.65398702
1.7299	0.94813	16.62696847
1.567895	0.717795	9.544418103
1.2148	0	39.40610932
1.718815	0.83945	31.49834627
1.768325	0.844375	14.3189954
1.949775	1.212055	40.46140615
1.624765	0.831515	10.41998226
1.97925	1.26621	9.624459632
1.96168	1.24844	10.01392882
1.959365	1.245805	5.294768442
1.958695	1.25897	15.58168535
1.9627	1.26102	21.69272895
1.9561	1.24603	13.87529702
1.69001	0.835885	70.45644174
2.08751	1.09869	478.1253591
2.15038	1.03999	254.2144159
1.80131	0.896895	23.80966937
1.69944	0.794875	8.892745827

1.79951	1.0073	52.0611776
1.8512	1.08718	13.45532335
1.75524	0.888825	14.80327732
1.25477	0	23.36736817
1.77523	1.10941	40.30656585
1.7714	1.095075	17.7769128
1.6612	0.808785	29.78126144
1.65843	0.971305	12.31665334
1.813165	1.12321	21.10992217
1.644275	0.748245	6.036486648
1.752605	1.08995	2.851595711
1.745825	1.07287	6.777016663
1.739485	1.051595	57.8143343
1.5849	0.800815	11.99735271
2.0861	1.321085	3.598827458
2.088195	1.3223	43.50098461
2.09034	1.32762	11.4202337
2.002745	1.280915	18.15410164
2.00189	1.280635	27.34814252
1.8395	1.086775	35.15759873
1.60266	0.70036	51.74706764
1.88695	1.25162	24.21100113
1.87853	1.227265	0.018528356
1.83397	1.182415	12.64365603
1.479485	0.439245	0.302372089
1.77185	0.96948	8.261722284
1.71443	0.86745	13.88093394
1.712675	1.048305	23.20752796
1.770485	1.096345	0.536568513
1.78051	1.125145	15.47381017
1.29518	0	18.9589863
1.786105	1.02416	9.903338582
1.77045	0.987755	2.998452141
1.76005	0.9657	6.887418084
1.747495	0.936955	5.56780805
1.728365	0.89445	7.147083101
1.691835	0.811125	9.09025839
1.187725	0	52.83416659
1.62827	0.907025	31.69147868
1.815175	1.016795	22.78506262
1.81859	1.031675	0.459704089

1.66618	0.909315	0.444640461
1.670015	0.93047	28.02128857
1.71253	0.82788	12.64119107
1.958675	1.25543	25.24527666
1.95787	1.24573	41.17150436
1.81239	1.13104	53.99911689
1.726385	0.90901	152.3815712
1.68493	0.75298	0.991043515
1.84167	1.10677	27.33329758
1.781335	0.86326	11.78716085
1.86223	1.03327	1.165045068
1.89877	1.10749	12.17387125
1.933445	1.191995	38.53596912
1.93954	1.16568	0.87623219
1.56824	0.7982	9.525954702
1.564695	0.885765	12.00438505
1.206195	0	41.66124243
1.56861	0.7892	14.03314787
2.09725	1.336315	94.55154541
2.104225	1.333075	35.89373778
2.105095	1.32477	75.59706026
1.29531	0	45.60039088
1.78801	0.978985	3.702925032
1.763185	0.92542	2.285493045
1.68558	0.747915	0.702606802
1.78067	0.846985	15.30908734
1.672865	0.938175	10.3594809
1.89326	1.023245	181.9476412
1.84132	0.88777	6.935157963
1.93627	1.089925	31.05929544
1.84995	0.949695	44.93539027
2.17265	1.40759	56.54773323
2.169875	1.409725	26.24924783
2.17205	1.41067	51.32983678
2.169355	1.403615	95.16817257
2.18544	1.417755	60.41732806
2.184375	1.404485	2.586201979
2.16019	1.34835	2.940415498
2.167545	1.357475	65.5203833
2.17066	1.35559	14.84465818
1.754965	0.7289	1.877889028

1.60798	0.94496	19.58165634
1.29412	0	21.76634814
1.40083	0.38444	0.304745009
1.264355	0	14.50719196
1.909195	1.196105	86.01278229
1.69375	0.90294	0.091034279
1.938025	1.208665	52.93554532
1.77821	1.035675	8.216366161
1.76923	1.011785	17.58074125
1.72352	0.902235	35.65946879
1.84009	1.027095	20.42532888
1.67608	0.829195	42.25624918
1.675775	0.97589	68.33773503
1.641605	0.883965	10.69348765
1.669845	1.05834	23.00133416
1.674765	0.903025	33.01811015
1.69101	0.828275	22.61605797
1.818975	1.100805	16.82489352
1.98153	1.21503	32.19515874
1.979325	1.213615	28.85325886
1.80049	0.85625	20.42812162
1.26203	0	50.37996259
1.672245	1.018195	41.87795232
1.206485	0	25.28213722
1.566645	0.92776	2.902271668
1.84202	1.228605	36.76144227
1.837655	1.224565	48.95516286
1.830955	1.19849	9.251496085
1.77513	1.004045	0.441031757
1.77472	1.0074	35.11712024
1.77928	0.98366	53.98044826
1.74614	0.89961	68.86018431
1.231125	0	0.890332253
1.68356	0.898055	24.59762134
1.73589	0.84899	70.86238274
1.68414	0.76169	14.29245279
1.68593	0.889855	16.58356339
1.668465	0.863025	0.136951524
1.755525	1.07851	10.92683207
1.811665	1.11258	12.44101672
2.12479	1.15278	271.5247611

2.04261	1.122645	119.8363373
2.051365	1.19086	142.5238697
2.045905	1.058585	39.70094489
1.694495	0.89221	18.2198576
1.727555	0.826715	26.59722236
1.708125	0.98581	30.68854406
1.65401	0.885785	16.81407759
1.72358	0.837465	19.29009447
1.93478	1.24319	21.82588529
1.362485	0	15.95861092
2.030455	1.317285	7.237926521
1.97167	1.23264	52.97235252
1.969215	1.21107	8.110614536
1.957655	1.19578	174.2977892
1.59284	0.89567	4.62600846
1.647675	0.993425	73.68396584
1.64895	0.977955	7.47219148
1.778635	0.858065	13.72995027
1.86351	1.09746	30.54632466
1.75173	0.861935	51.77682124
1.71326	0.77846	17.02234821
1.715435	0.89447	32.91361447
1.895245	1.079425	5.802325445
1.877855	1.038805	38.4693614
1.848635	0.95481	0.891946242
1.768525	1.058185	57.31629542
1.29658	0	26.94675759
1.688715	0.88886	6.916713048
1.74435	1.04282	36.7669815
1.73228	1.02885	23.16338937
1.72065	1.00029	28.81803478
1.99071	1.23324	284.7207328
1.2563	0	39.55271698
1.691045	0.9728	13.5242145
1.794725	1.106865	47.86716685
1.26448	0	0.95832974
1.455255	0.45532	22.63755041
1.56975	0.98739	35.80641614
1.49442	0.59857	46.44145355
1.470845	0.49546	9.649999246
1.62285	0.96979	18.29328386

1.634165	0.9986	8.147948273
1.885315	1.086595	151.1428772
1.74892	1.00022	28.28375305
1.736335	0.97257	0.345562859
1.96073	1.15933	22.53149509
1.952355	1.14799	15.90600322
1.94796	1.136695	53.9253593
1.28761	0	37.64618569
1.744015	0.83222	0.05405007
1.724645	0.84388	13.61290006
1.610765	0.899295	70.72383237
1.483875	0.68655	1.085285603
1.451795	0.68932	23.68468217
1.73215	0.83762	28.67427561
1.77665	0.817495	29.41513795
1.946735	1.122685	5.376366662
1.629695	0.61346	14.66524585
1.65274	0.77721	27.51995393
1.589295	0.985625	15.20593757
1.94595	1.20131	119.0440265
1.940975	1.193615	39.24107692
1.94751	1.22066	70.76785587
1.944175	1.211255	11.86662481
1.632455	0.872045	67.29196761
1.74065	0.976455	68.07162842
1.739205	0.969125	1.838112414
1.644925	0.75404	15.36049161
1.912365	1.24412	58.61441578
1.926535	1.24358	80.75693934
1.353785	0.119825	0.271881297
1.69298	0.755905	19.59604044
1.807665	1.117655	40.35907462
1.808545	1.11882	6.418678122
1.89193	1.0825	41.04657769
1.30013	0	26.0272774
1.22748	0	26.21993401
1.655205	0.820245	12.43635683
1.909175	1.168805	52.40296877
1.75299	0.914345	1.917816843
1.682335	0.92351	29.78661525
1.862575	0.961745	37.9627198

1.853245	0.928355	1.776241125
1.59474	0.75027	59.76474629
1.800545	0.98064	10.42391895
1.64385	0.82549	26.46633604
1.830855	1.05983	13.11625798
1.809715	1.03608	14.01037305
1.79348	1.02064	12.18724512
1.60907	0.877725	4.787368624
1.690685	1.021315	17.02378443
1.92227	1.059085	37.88365537
1.510675	0.253475	2.870886311
1.691585	0.8307	15.81212861
1.79888	1.060925	9.514428136
1.739195	0.85117	27.17354687
1.70395	0.89585	156.8421934
1.761485	0.909345	17.20319371
1.734215	0.86626	7.684428622
1.820625	1.019605	33.463633
1.422725	0.347315	14.02201795
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1.68726	0.830025	18.09984066
1.65295	0.870765	17.56147453
1.670835	0.909685	6.023189512
1.808485	1.160245	84.15427105
1.77129	1.0422	89.63216346
1.717365	0.896085	39.20816406
1.30515	0	56.80663805
1.888695	1.114375	13.76000996
1.898435	1.11078	11.53472107
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1.77756	0.983745	42.60203439
1.83135	1.11873	0.178005422
1.818945	1.10342	0.559915886
1.844555	1.115475	10.26136355
1.652065	0.86106	28.57390754
1.798585	0.95451	53.73219978
1.358065	0.503535	88.71443544
1.853655	1.022435	7.972026583
1.652345	0.81471	64.42847054

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1.857925	1.13716	24.56835645
1.90564	1.2406	30.18325751
1.5906	0.84555	46.71027884
1.66544	0.81811	27.57990908
1.771225	0.96784	29.39986529
1.242905	0	56.51003273
1.68744	0.88926	36.64376819
1.608995	0.809215	6.816650955
1.67443	0.975015	24.35181756
1.941105	1.0775	3.477537522
1.949025	1.096495	0.376543039
1.967535	1.14557	38.71031429
2.05708	1.265085	65.31327242
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2.06385	1.263915	63.0795949
2.06793	1.265955	0.623427726
2.067815	1.264725	5.19078994
1.943875	1.023155	8.433855338
1.43698	0	43.0035517
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1.887145	1.016565	43.1175957
1.68947	1.043305	30.76063555
1.301855	0	43.14053566
1.67413	0.822965	13.94263596
1.678635	0.967085	21.15052815
1.14873	0	16.86785812
1.80108	0.98586	38.13970455
1.77953	0.939925	5.84428252
1.76383	0.89962	16.00503667
1.36815	0.13488	2.878490234
1.74164	0.89964	29.66596147
1.79463	1.07801	20.13990407
1.76823	1.03708	34.79590811
1.782555	0.9514	4.972478888
1.74059	0.839645	11.03644891
1.46361	0.45659	25.40002572

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1.51756	0.496545	4.06036227
1.761405	0.843945	12.95788444
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1.78637	1.05243	2.982152855
1.40982	0.35167	7.32246754
1.282945	0	73.56398198
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1.78779	1.083665	37.60457649
1.28825	0	40.63295561
1.429805	0.56645	6.988728414
1.28611	0.36768	9.731111063
1.3163	0	36.23272033
1.7254	0.826055	8.69948933
1.668365	0.919765	21.21291959
1.213285	0	64.19150233
1.226395	0.10598	1.715869191
1.76948	1.072605	20.81765101
1.76352	1.075115	59.7238951
1.781075	1.078485	65.6698768
1.650535	0.89384	36.63149658
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1.694305	0.882335	15.32657523
1.21748	0	12.3900513
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1.821625	0.957705	16.85577984
1.71712	0.75091	6.164317787
1.402335	0.148855	0.408029569
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1.928805	1.2646	78.29228545
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1.86531	1.0809	16.66795085
1.87043	1.103925	97.85897055
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1.567215	0.85904	6.633660339

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1.23879	0	73.38964286
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1.72515	0.8675	108.1265996
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1.63015	0.826075	14.27665497
1.842315	1.140335	0.987389578
1.86107	1.173965	23.26752154
1.24964	0	24.43303203
1.809805	1.13243	46.8909572
1.414345	0.46348	0.184391431
1.718225	0.959975	15.7790403
1.851565	1.168775	41.13732552
1.38963	0.313985	0.83239714
1.597265	0.71252	3.746109536
1.82916	1.02363	28.70613797
1.71251	0.863065	2.236186647
1.757115	0.96757	40.79291942
2.03174	1.265895	103.1126066
2.033855	1.286325	17.54606121
2.03245	1.285935	6.181924004
2.029875	1.28734	44.47800194
2.02495	1.285885	22.50343882
1.67341	0.77781	8.416907001
1.47003	0.651525	13.0281737
1.201685	0	33.93233328
1.319135	0.35252	5.131949853
1.591385	0.814685	0.401822958
1.26655	0	44.18223882
1.625955	0.90621	23.27635838
1.571045	0.813415	13.94354512
1.938295	1.109105	16.85719381
1.942285	1.12239	17.98764333
2.12259	1.316065	16.33211505
2.11514	1.31203	197.0526786
1.907975	1.1718	46.74388482
1.896775	1.14397	15.04814133
1.890265	1.13312	13.62983747
1.979645	1.24069	1.022192668

1.987325	1.282225	25.7701189
1.98336	1.291135	34.99101609
1.93794	1.20365	2.149669186
1.74856	0.76564	13.93286844
1.717645	0.78556	63.50738022
1.860205	1.050005	33.85973363
1.88344	1.104165	90.56074848
1.886095	1.11243	15.51220949
1.8892	1.123585	32.64428353
1.794335	1.080095	10.17621768
1.79552	1.074855	6.932692829
1.692115	0.84886	48.10890346
1.203105	0	22.60017825
1.992915	1.26576	56.13315758
1.54769	0.8861	18.18451597
1.8647	1.18737	17.99449923
1.84867	1.13564	18.34695385
2.011905	1.23625	68.52493352
2.023435	1.237835	31.46370477
2.02176	1.22764	2.277210269
2.019945	1.226815	12.79522173
2.01895	1.223525	2.944284394
1.846585	1.05377	64.08043807
1.723135	0.864355	31.42040385
1.787085	1.06398	23.73947578
1.78477	1.06882	0.026699251
1.42201	0.308415	5.730367167
1.723855	0.84109	29.68891599
1.182225	0	5.959674499
1.612395	0.84754	25.16464034
1.58738	0.798625	35.10964602
1.696125	0.624615	4.245712012
2.046945	1.303375	81.17092495
1.731875	0.850655	33.65674032
1.677175	0.769535	2.008398927
1.608495	0.812075	22.71185505
1.352825	0.392405	0.052060925
1.682905	0.82522	28.57971619
1.78434	1.049065	25.13110635
1.556895	0.802215	81.76507003
1.495105	0.716285	2.079252173

1.730105	0.886225	32.23649798
1.666795	0.944755	35.38698312
1.226195	0	33.69802462
1.277095	0.14866	1.83222515
1.587585	0.8829	27.91556878
1.143465	0	48.56786204
1.524445	0.722105	15.93040414
1.68861	1.00824	45.69572383
1.905285	1.040685	46.5883607
1.91982	1.08374	14.34708198
1.92517	1.11816	33.95874314
1.958245	1.20982	39.44531196
1.795295	1.03736	3.776438409
1.859445	1.155735	4.500598309
1.85912	1.157665	22.4898787
1.83628	1.118695	15.88337988
1.606275	0.793125	10.76933109
1.82792	0.98853	31.0613497
1.71703	0.834895	3.685700673
1.760795	0.944675	10.12764475
1.881665	1.151065	20.34358484
1.797515	1.035045	24.83864072
1.70452	0.804425	90.46519336
1.747475	1.086935	1.08568412
1.74337	1.0859	52.08951266
1.545275	0.684185	2.984320266
1.71216	0.864825	53.19892899
1.6636	0.823685	25.55278565
1.742	0.95581	15.39640756
1.66071	0.92107	5.91212827
1.64787	1.0425	24.74323534
1.573805	0.85707	1.654230262
1.735535	1.00863	0.102987863
1.7295	0.994185	12.7739353
1.670895	0.92482	2.121292068
1.36421	0.45522	0.457963067
1.80341	1.00258	0.610715949
1.797085	0.988565	7.06724747
1.74163	0.870305	4.912136221
1.77133	0.832755	41.36411985
1.81556	0.93939	63.54000525

1.79537	1.05877	67.50374266
1.644725	0.9149	9.334060497
1.99623	1.286665	113.0916667
1.247915	0	26.87655323
1.611405	0.815255	50.77247293
2.125645	1.24907	510.008374
2.046285	1.186445	25.57240143
1.840665	0.873065	91.80484646
1.744505	0.986455	47.63928503
1.340125	0.309655	32.75511953
1.858325	1.10468	1.960026532
1.859495	1.09797	23.98200659
1.21542	0	53.11859232
1.624755	0.810595	0.481366389
1.30356	0	50.29274087
1.713655	0.8726	64.48833475
1.208185	0	36.4634884
1.526815	0.720575	11.43609729
1.585585	1.00088	29.85563047
1.737115	0.795735	4.530832074
1.813235	1.02203	2.948268051
1.842885	1.08574	31.48923792
1.831755	0.85796	13.82329144
1.58274	0.82325	49.57339743
1.81842	0.851895	23.51192045
1.62205	0.601655	0.952654607
1.757565	0.80205	12.41728759
1.62293	0.637555	7.616554343
1.810985	0.914755	15.76129858
1.709475	0.903415	32.66761604
1.304365	0	86.30893389
1.6636	0.891485	15.89070032
1.539945	0.652705	14.88261155
1.91361	1.210245	37.21059053
1.81174	1.10911	3.629330178
1.622835	0.815755	10.3024216
1.68604	0.984035	27.5275494
1.78852	1.001	30.25003775
1.21914	0	30.99655864
1.710235	0.77071	72.4628934
1.65874	0.90115	7.906520172

1.59827	0.758145	9.319853765
1.72226	1.076625	32.47112116
1.813875	1.06121	50.01526752
1.816985	1.021345	0.586300485
1.89689	1.156545	15.72231853
1.84729	0.95086	87.63029707
1.728815	0.707005	1.041414135
1.872945	1.100665	1.372474499
1.92903	1.212345	35.11140997
1.736485	0.92339	6.893377188
1.686355	0.7673	13.33819054
1.825855	1.07126	23.71350442
1.43432	0.424765	18.13527842
1.61804	0.958185	7.024365467
2.034895	1.24266	144.5706837
1.6662	0.909335	37.95967912
1.650485	0.818075	11.81133947
1.941705	1.23425	15.80068062
1.93582	1.22805	9.297493036
1.93653	1.231125	1.364144585
1.125495	0	32.82142779
1.191725	0	52.00533224
1.681885	0.934085	37.40609631
1.695955	0.97416	0.706298639
1.97882	1.226345	95.80820002
1.753935	0.887285	95.24530031
1.798085	0.943325	48.45388858
1.85067	1.031225	27.93073845
1.897195	1.013795	0.240212239
1.91589	1.076825	33.1895515
1.920485	1.10529	87.33716357
1.91555	1.096845	0.083011144
1.91221	1.099135	74.00605843
1.695745	0.937275	37.76207403
1.587955	0.80463	9.417859971
1.284655	0	25.30215014
1.59103	0.81774	77.90244671
1.80148	1.093565	44.38250082
1.823115	1.11356	26.82021947
1.662945	1.05616	26.16706336
1.78507	1.019995	19.84756736

1.681315	0.979085	86.47352435
1.584575	0.76562	27.65765396
1.94427	1.13192	55.80436375
1.774205	1.07461	45.04618863
1.50607	0.63243	6.138198479
1.96017	1.20654	17.09280353
1.6936	0.95396	26.98385
1.52193	0.68859	1.504348211
2.31645	1.447365	57.23465249
2.273565	1.424575	144.1716127
1.839925	0.98377	48.74476227
1.81845	0.969795	9.745702077
1.810615	0.97379	132.5592771
1.957295	1.2345	6.076614513
1.955995	1.235715	22.61565561
1.223835	0	24.99463055
1.64023	0.87245	34.50101209
2.054965	1.279005	34.52757138
2.06598	1.27904	86.72853171
1.767235	0.87039	22.40989287
1.93869	1.106865	10.29365772
1.7568	0.830895	24.60833832
1.58812	0.798965	11.57412163
1.690945	0.892935	22.48369772
1.45809	0.41432	7.492219654
1.38683	0.289035	0.626539105
1.700215	0.83111	24.37949312
1.635015	0.819245	40.15580724
1.616	1.01529	8.201513404
1.65777	0.93595	3.919060077
1.199175	0	4.110962673
1.603305	0.802485	21.31811093
1.747225	0.889595	20.99363418
1.320205	0	79.66026855
1.713535	0.8503	43.2659407
1.627315	0.811905	28.00347466
1.806	1.136095	23.21840637
1.611615	0.808715	15.69521584
1.572685	0.79228	33.29601398
1.679225	0.825975	17.61540058
1.600875	0.80466	0.595196985

1.660285	0.946625	11.37332667
1.545015	0.509235	15.30833699
1.54353	0.49554	2.816447212
1.579425	0.89077	10.34445224
1.13935	0	36.95341693
1.750595	1.05105	20.84538493
1.738225	1.019835	7.919602445
1.74192	1.025395	34.17494525
1.22402	0	19.43703193
1.69872	0.831905	29.86556652
1.66205	0.89554	12.9150788
1.771685	1.079975	31.70468904
1.78455	1.095775	26.23078972
1.788755	1.09055	2.435940693
1.362385	0	3.757969805
1.977675	1.24138	75.63344586
1.95216	1.199705	10.0516054
1.91998	1.28689	97.95155555
1.90997	1.25024	85.6662185
1.576465	0.79978	41.91891732
1.243985	0.13805	1.371521505
1.559715	0.719105	23.15125878
1.820345	0.97292	60.03057551
1.735315	0.838235	15.50007306
1.84883	1.122665	23.06724087
1.587635	0.95907	13.06178904
1.7371	0.837115	39.20054004
1.778835	0.925095	0.198495465
1.298595	0	19.41802595
1.888985	1.195155	62.11061195
1.88588	1.18428	29.40945908
1.86186	1.13262	149.6792168
1.86009	1.11969	10.67711279
1.7226	1.02695	44.97225505
1.75107	1.03573	17.97622275
1.776175	0.80856	41.10788908
1.6624	0.941855	16.33781457
2.08031	1.341005	73.48869341
2.08179	1.304465	79.48247373
1.817425	0.902275	9.360365587
1.84993	0.926225	15.88489276

1.9633	1.098365	47.892771
1.963865	1.094455	32.99384551
1.79608	1.00556	104.7793467
2.048665	1.294715	103.5523393
1.744965	0.83976	14.16203691
1.60657	0.802135	19.50703549
1.61026	0.808835	26.02751567
1.67938	0.88422	23.34543611
1.614065	0.86054	41.58577858
1.569875	0.84077	17.72549968
1.457315	0.368225	9.056044269
1.765295	0.907125	20.71150521
1.700865	1.046565	114.2575283
1.261765	0	57.62488166
1.67764	0.921045	28.63204004
1.685165	0.846	74.69183975
1.66812	0.82916	5.429136735
1.380925	0	20.95047836
1.633035	0.831825	77.4736295
2.11852	1.312615	38.79814986
2.11825	1.31244	20.15485763
2.112765	1.28354	0.080368402
2.11173	1.278355	32.23408326
2.088315	1.13102	5.46491401
2.097165	1.10887	4.994411759
1.668165	0.926055	7.734472457
1.689955	0.97545	31.14156062
1.79025	1.100015	46.75189793
1.69247	0.95336	43.0755627
1.29819	0.23591	0.795517253
1.53395	0.519505	32.8660291
1.245895	0	29.26960887
1.799215	1.10009	28.5182974
1.67724	0.94206	39.93188797
1.705875	1.05508	16.67219191
1.69565	0.967915	2.651921025
1.699865	0.98047	28.91563084
1.689135	0.967855	0.406133291
1.86338	1.00568	4.117174092
1.85714	1.126115	73.73957595
1.482585	0.57394	2.543231451

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1.784665	0.965405	3.183858615
1.77252	0.937	22.74660262
1.71315	1.029615	26.69428885
1.6055	0.809605	23.58161692
1.415085	0.24171	2.53439039
1.765125	0.93314	25.26399829
1.820195	1.065795	0.154557077
1.91161	1.267785	44.25378488
1.971775	1.231265	10.29394401
1.64294	0.852005	31.08555677
1.31991	0	48.67546248
1.18367	0	30.9827782
1.820235	1.06383	55.82410128
1.69903	0.89103	9.331814075
1.650435	0.813725	7.656597915
1.84528	0.95397	25.55943089
1.92134	1.116775	30.0979915
1.925225	1.130015	23.80384384
1.17759	0	8.620454692
1.6012	0.80822	22.37885447
1.64445	0.861305	30.07772584
1.666605	0.87875	1.464332674
1.625255	0.9291	14.83683209
1.8433	1.065265	10.94496365
1.881935	1.108905	16.19392535
1.61161	0.8756	23.94506609
1.755585	1.07386	40.15402912
1.616565	0.81212	13.10673936
1.73736	0.83962	32.53452943
1.32602	0	16.15179359
1.77177	1.05759	26.41187333
1.77921	1.071125	4.124940661
1.30385	0.128015	3.081647484
1.25578	0	19.14405119
1.85071	0.97755	3.531909066
1.871065	1.04063	115.6436497
1.725075	0.9075	27.05188371
1.988755	1.248345	24.07812904
1.671995	0.894455	18.20137839
1.905215	1.23136	43.21564575

1.840265	1.182875	3.727174438
1.56377	0.76976	44.6128027
1.41416	0.241135	0.724366103
1.325615	0	87.02462015
1.18544	0	30.22093715
1.82302	0.97673	71.56730699
1.647905	0.851165	26.94545717
1.89766	1.04362	36.30557941
1.824065	1.023035	100.7646406
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1.80009	0.909235	46.45471019
1.693805	0.662115	0.447051284
1.212215	0	68.9254827
2.0147	1.194625	17.63494899
1.98359	1.274985	20.84478061
1.790205	1.08985	33.60039787
1.72824	0.83924	13.89662102
1.778365	0.846645	15.70993602
1.77488	0.846065	69.80110295
1.69927	0.972745	23.78465884
1.674365	0.83054	14.50029482
1.74362	0.986655	16.053489
1.647055	1.010515	26.8605854
1.56074	0.79571	14.98586295
1.886795	1.096925	148.7255389
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1.774155	0.90271	14.96423797
1.6636	0.722945	1.034935988
1.66107	0.821695	30.95748728
1.877185	1.1335	25.34389899
1.865515	1.11048	29.64927179
1.83781	1.13106	83.53273625
1.67641	0.871055	53.12481653
1.754125	1.035135	48.90368084
1.68372	0.85311	1.064701954
1.626655	0.9354	25.07816638
1.63442	0.955825	0.645253663
1.698985	0.926625	7.371823382
1.59664	0.796105	47.47226013
1.709495	1.086385	8.842991621
1.642215	0.942925	19.99064739

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1.129435	0	42.2594982
1.199175	0	31.12351842
1.658245	0.87557	13.66024211
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1.56021	0.832835	27.00259756
1.532695	0.764045	46.51896501
1.728605	0.880705	21.5655484
1.732355	0.88247	20.10419047
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2.06135	1.26403	114.3870402
1.27371	0	47.15341747
1.568535	0.844945	70.2115526
1.51527	0.7105	14.63499617
1.794235	1.155245	37.92561147
1.73959	0.931575	50.72571624
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1.814965	1.000435	32.74722052
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2.019295	1.247235	25.90861992
1.94988	1.07651	2.157033161
1.15798	0	17.60932831
1.59253	0.80819	19.32959826
1.61096	0.80693	27.067928
1.65789	0.94371	6.525637736
1.651705	0.87922	7.361517284
1.62524	0.810915	20.94977483
2.07067	1.313255	34.17161443
1.86108	1.059555	9.4285735
1.85558	1.05336	9.194756292
1.69515	0.909065	20.92710247
1.653555	0.929205	121.936371
1.26467	0	51.74349427
1.63497	0.812715	12.99283158
1.589115	0.773735	32.23994928
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1.99362	1.31107	113.3951816

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1.832155	0.941865	24.09087085
1.87583	1.014775	17.58521192
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1.64743	0.81967	77.69230113
1.60112	0.79778	14.42628017
1.651875	0.800085	17.56295344
1.33574	0	15.74978491
1.23791	0	25.97372848
2.046235	1.10614	2.409617884
2.049585	1.2168	26.08829731
1.640745	0.95872	36.61350657
1.68238	0.886085	23.55781414
1.75957	1.037755	41.59980741
1.67155	0.807245	65.99471668
1.155475	0	22.91200063
1.653545	0.906805	9.335413742
1.637675	0.86997	0.976688497
1.869025	1.11413	84.62200418
1.872995	1.11607	64.13016616
1.83784	1.137095	26.91104779
1.655785	0.916825	10.51074482
1.55744	0.77631	0.034613292
1.773485	0.93797	4.344631482
1.775975	0.953765	13.41132968
1.59575	0.83759	15.76789176
1.519345	0.60936	18.52966315
1.74157	1.042735	57.68677081
1.74884	1.062955	40.77720027
1.3473	0	3.47047937
1.736455	0.76862	61.92800844
1.522145	0.53315	15.59901635
1.57211	0.90762	51.33794532
1.29674	0	12.40525962
1.664175	0.977755	6.737018322
1.649755	0.87145	70.1142537
1.644435	0.880525	15.59175975
1.91621	1.226485	55.76379668
1.927635	1.241125	76.49400488
1.813415	1.12207	32.04753363
1.693925	0.89465	20.8103631

1.759815	0.85966	12.4643258
1.831055	0.97991	3.351248042
1.84535	1.02418	17.9024591
1.738105	0.770755	2.893204544
1.242205	0	29.24214425
1.32478	0.371765	29.39945091
1.509435	0.487215	0.524058251
1.654585	0.779125	18.96161502
1.64272	0.742265	14.72618967
1.222185	0	27.56858089
1.29805	0.214725	2.172288968
1.654765	0.822075	26.15409238
1.67483	0.78634	7.261059036
1.65434	0.823015	10.26324023
1.830465	1.098915	54.28989352
1.655185	0.821355	4.206356101
1.69601	0.929125	4.445750754
1.785085	1.151815	21.33793296
1.766215	0.91724	29.59870929
1.24	0	22.47766699
1.757325	0.933475	100.0546157
1.65768	0.77359	4.536621546
1.60862	0.859765	60.88479345
1.68216	0.952545	0.100739665
1.6963	0.984695	134.1399666
1.70643	1.01161	7.779326304
1.786165	1.023825	70.35522893
1.595745	0.94254	20.47354827
1.76575	0.982515	8.805226122
2.048695	1.154395	8.155769737
2.058235	1.190035	17.84406876
2.264415	1.40044	188.3367137
2.263975	1.39914	29.67714597
2.265755	1.408385	43.50609341
2.26392	1.40042	96.31239234
1.798735	1.131655	70.06166258
1.823495	1.155415	18.3590929
1.691555	0.852385	29.19730251
1.61839	0.873395	28.25246551
1.59497	0.92585	12.81232319
1.64443	0.98986	29.97712062

1.984035	1.2305	80.36444481
1.921385	1.063045	4.827609239
1.87929	0.93739	5.071598575
1.91677	1.0075	1.7906298
2.12008	1.3576	36.9123522
1.76873	1.02447	92.00628935
1.760325	0.995405	17.97678524
1.74251	0.94393	5.640448906
1.70222	0.82793	20.67753127
1.65161	0.79658	23.7393157
1.907935	0.763245	55.11058959
1.97372	0.92794	7.855593595
2.006175	0.990485	32.83253875
1.9913	1.094875	1.075362269
1.993935	1.09678	34.00586146
1.74016	0.84216	5.361860969
1.787835	0.859595	4.151031395
1.61086	0.80063	48.10068765
1.9134	1.084	5.290034898
2.084495	1.30102	90.58459488
1.71956	0.89408	69.21808693
1.22001	0	44.74488516
1.71852	0.98621	3.199003185
1.714105	1.064855	85.92174312
1.70106	1.049295	92.03795304
1.19137	0	10.63159103
1.700445	0.9434	26.93245008
1.59777	0.74993	114.071705
1.416905	0.47497	6.992194309
1.753315	0.85146	12.06875484
1.654435	0.830395	32.42129824
1.813595	1.173495	4.722319139
1.70248	0.832275	22.46828587
1.410085	0.51958	9.820171311
1.69427	0.97581	14.89091205
1.216365	0	39.17326735
1.786445	1.050045	76.04340656
1.770895	0.888365	101.4622851
1.61518	0.76327	20.32899422
1.80435	0.708675	14.40155263
1.76148	0.90657	8.238422708

1.31444	0	8.507206239
1.399135	0.21421	10.59809123
1.682195	0.7775	14.03171708
1.69011	0.76487	3.12401803
1.38533	0.366295	0.5241661
1.623705	0.912575	83.49072204
1.579515	0.80381	0.461720479
1.64214	0.93241	29.02140675
1.884635	1.09115	317.1709391
1.66783	0.86183	46.64428461
1.711055	1.017365	2.62252567
1.68947	0.954235	16.94792542
1.72612	1.070065	20.92341288
1.762145	1.051815	66.03382212
1.230105	0	27.06958585
1.25622	0.142165	3.826003121
1.40139	0.217025	0.528119382
1.773075	0.83676	51.28906652
1.388675	0.26518	3.237824283
1.82227	1.08397	47.5804762
1.805975	1.03276	18.05306743
1.749555	0.8953	2.546885598
1.739075	0.918315	32.70008349
1.69598	0.800845	1.53507749
1.387875	0.30434	3.206164943
1.438535	0.56427	73.41716624
1.60153	0.79594	43.63365875
1.81611	0.778765	0.300434103
1.975445	1.165355	26.22752121
1.616425	0.849465	144.6653158
1.828275	1.02822	49.46943078
1.87651	1.19106	12.44097504
1.861015	1.14757	33.74421303
1.856165	1.127825	37.06031803
1.799955	0.998285	9.491517898
1.750715	1.058005	2.074794188
1.69208	0.901415	17.84009186
1.78769	1.107395	66.94363525
1.79314	1.13673	4.650439984
1.80333	1.12794	13.24541118
2.02845	1.1833	0.174660413

2.00618	1.19235	44.88639927
1.77645	0.849	66.88014701
1.645535	0.640115	0.929314285
1.63331	0.87262	34.09140575
1.75301	1.08275	4.068163188
1.75987	1.093665	66.88220852
1.569195	0.72456	0.599828183
1.458745	0.469235	5.386272709
1.771065	1.02424	65.61243023
1.765575	1.015905	12.29791972
1.94442	1.2472	65.83060059
1.735905	0.95132	11.51794693
1.83337	0.9302	13.83025768
1.808365	0.865495	0.69493201
1.8102	0.99141	43.81478978
1.722125	0.806825	4.528512456
1.867175	1.12877	37.63524899
1.847405	1.119075	136.6262327
1.490005	0.672095	13.12046233
1.80104	1.03015	71.54937155
1.607035	0.645405	1.69821733
1.774765	0.9696	22.1573137
1.780915	0.98244	6.166268645
1.69539	0.829305	36.2512654
2.037705	1.223045	49.69157019
1.71616	0.8316	77.95732461
1.6131	0.810045	17.34624302
1.848195	1.01945	4.275002323
1.864695	1.083725	29.0982575
1.850115	1.060885	35.96482229
1.71351	0.82484	79.247622
1.7384	1.03046	70.01481394
1.73472	0.94065	12.5723826
1.850955	0.92881	22.9670847
1.88503	1.205745	0.646941024
1.885045	1.206715	11.30637559
1.7283	0.98381	18.92774815
1.75077	1.028685	48.50018862
1.82193	1.12542	14.07413026
1.838895	1.061175	35.53734538
1.636045	0.87641	29.39650422

1.685025	0.828595	26.75072203
1.79556	0.989905	61.33370428
1.798625	1.003965	8.860470282
1.214425	0	29.0007563
1.71921	1.058705	36.36022477
1.423895	0.62668	4.50784896
1.59773	0.802395	13.54317804
1.624995	0.86683	0.685474581
1.747935	0.963885	2.207405882
1.73946	0.943785	34.13312353
1.68346	0.834655	6.619572634
1.190325	0	80.82088953
1.659175	0.823075	2.51211266
1.713465	0.957495	33.74018337
1.23597	0	26.50933399
1.66702	0.92767	19.40931479
1.326645	0.42751	0.652841367
1.15808	0	62.02726206
1.69533	0.76109	24.48224258
1.19543	0	113.7986129
1.782835	1.14825	42.31269591
1.7383	1.104075	70.20638571
1.757745	1.017855	5.716293949
1.75347	1.00689	10.81970253
1.663885	0.889725	15.91386296
1.45495	0.429515	15.06629146
1.865985	1.12036	1.024772853
1.888455	1.183395	4.352497915
1.88233	1.192085	61.44968922
1.68219	0.77302	1.634564027
1.92556	1.19899	80.46784529
1.945535	1.22197	9.133913698
1.961125	1.267085	106.3787242
1.47377	0.604335	0.279522181
1.674625	0.888	18.22470121
1.85442	0.989195	10.62046666
1.63666	0.703955	2.276389029
1.634265	0.96402	38.16231515
1.691795	0.827185	8.196036123
1.26728	0	28.12025163
1.300195	0	42.62939087

1.344	0.24949	1.011965477
1.379315	0	134.3191136
1.78233	0.850635	4.878495351
1.68245	0.825505	64.96104153
1.877975	0.971135	7.246772143
2.00966	1.164355	20.78863815
2.008775	1.15589	57.23994098
1.623375	0.84705	25.29638097
1.6786	0.909845	31.42739669
1.2773	0	32.53941023
1.613405	0.873555	28.44434848
1.62143	0.887265	8.708167094
1.795445	1.01694	0.085526429
1.790785	1.02969	36.52279967
1.7396	0.909065	0.083502874
1.791715	1.05453	157.6627758
1.650555	0.81079	5.664564856
1.532235	0.564015	0.239890079
1.821095	1.007685	24.42097945
1.84669	1.173065	4.726505602
1.801025	1.05779	11.02695032
1.77579	0.992645	17.16813815
1.654545	0.96158	59.43620505
1.24311	0.14494	61.81765516
1.96974	1.25435	45.79789713
1.900845	1.13933	96.5502977
1.24213	0	16.79553186
1.33513	0.368955	2.924513206
1.794635	0.955365	15.27838359
1.805605	0.962865	2.396782363
1.8067	0.956195	0.482711767
1.35476	0	2.376828242
1.69498	0.922565	13.7393884
1.68704	0.87566	14.27281029
1.20702	0	80.19593035
1.681585	0.747205	8.672857236
1.7697	0.860175	2.157430706
1.796445	0.902725	32.29494729
1.709345	0.94636	41.92051591
2.056325	1.32945	27.68684618
1.95421	1.17649	4.879143569

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1.29365	0	61.66380591
1.42985	0.544855	22.52392143
1.71028	0.958	83.10624085
1.366365	0.292975	1.215866757
1.259305	0	14.23432034
1.714455	0.892995	26.01489752
1.134405	0	19.77585212
1.80152	1.092005	37.819404
1.703045	0.992445	6.635969122
1.60233	0.847235	6.085519995
1.747315	1.174725	28.59166924
1.71951	0.936825	12.67149299
1.58211	0.802975	11.15257796
1.656395	0.8236	36.29526977
2.021475	1.235875	22.45129786
2.02431	1.251875	18.67669657
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2.003525	1.183435	3.580767499
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1.92163	1.20066	27.32530757
1.91353	1.177995	11.06658129
1.911815	1.17981	19.78761441
1.907605	1.16879	3.875891209
1.69876	0.89003	14.67512825
1.759735	0.842045	21.65463127
1.62073	0.875765	15.84155637
1.971895	1.1899	35.18518852
1.65868	0.91545	16.18662669
1.50461	0.595915	33.08684461
1.81603	0.877335	10.98820423
1.817705	0.88557	51.91439394
1.5203	0.531685	0.040000501
1.63011	0.78544	11.4560514
1.670915	0.875245	21.17033445
1.71446	0.96009	40.72664917
1.791735	1.040825	46.5749383
1.73876	0.901135	1.066677055
1.24478	0	33.78893742
1.26701	0	39.16125677
1.743195	0.854915	1.260507429

1.73187	0.849185	31.47018932
1.85056	0.81519	3.152053696
1.746015	0.742195	28.12596479
1.97039	1.159635	118.2118802
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1.991215	1.147115	28.28356792
2.05906	1.2538	68.33988087
1.677385	0.850255	8.082849513
1.755915	0.84497	40.21792929
1.768605	0.880135	1.050666878
1.229635	0	26.50080693
1.67093	0.9111	4.513851869
1.66698	0.764685	6.111689777
1.910335	1.19574	11.43426834
1.909625	1.195375	6.567688395
1.692535	0.889055	25.08922626
1.973105	1.25507	126.826928
1.96781	1.245355	47.43136031
1.58898	0.729655	15.95486125
1.583595	0.75637	18.95286581
1.592355	0.776025	0.054029621
1.900825	1.164185	25.62941703
1.90144	1.165395	38.69224067
1.61785	0.89085	6.06181506
1.55318	0.609365	14.63311689
1.239945	0	9.025761931
1.763145	1.009815	2.51914315
1.80739	1.057145	39.81378107
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1.8285	0.97685	6.932772568
1.569215	0.73126	24.59939118
1.969725	1.224715	76.69779829
1.958375	1.217745	16.46694458
1.95087	1.213595	37.26899868
1.2756	0	28.69139321
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1.61523	0.95693	65.41517524
1.890965	0.97215	59.14317747
1.834845	1.113495	26.04657788
1.86126	1.15174	47.95047263
1.85777	1.10583	62.35942391

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1.77965	1.015385	45.41529282
1.73903	0.86405	3.549351718
1.752345	0.988385	61.46337428
1.729055	0.947415	28.02559382
1.66809	0.82726	22.84731331
1.17288	0	15.03805432
1.17257	0	10.15663549
1.90075	1.11916	6.183435881
1.898855	1.185165	57.56461955
1.837715	1.085185	6.15294051
1.669075	0.917635	0.09835873
1.69229	0.975495	41.11435914
1.702	0.99514	4.036001864
1.26318	0	53.20643928
1.894235	1.128795	35.58425624
1.88759	1.121015	0.35571587
1.95478	1.229615	21.48501684
1.95102	1.235145	45.69512818
1.9454	1.232345	1.248863203
1.658075	0.873745	1.45734208
1.679705	0.926775	24.68954588
1.588325	0.850295	50.57609615
1.685365	0.95033	17.24699596
1.639325	0.841945	0.388064144
1.59122	0.845535	27.90848569
1.821545	1.12716	19.35852745
1.8396	1.14624	1.917497028
1.854375	1.161425	35.42838609
1.83595	1.075095	45.92974555
1.22961	0	52.15844723
1.839135	1.01579	38.48211437
1.81031	1.06564	9.206799787
1.805655	1.066355	35.91710549
1.66004	1.029465	8.658543146
1.20718	0	38.32845748
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1.280755	0	17.16544693
1.18781	0	29.85107585
1.60649	0.838895	0.477423691
1.16245	0	19.15354177
1.562195	0.782435	18.30434283
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1.73766	0.866765	1.434020712
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1.620865	0.7362	49.55030195
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1.344215	0	49.4466434
1.30848	0	19.80376786
1.73908	1.001985	9.95282722
1.738215	0.995665	46.60465954
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1.263365	0.229725	0.461891686
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1.793685	1.04249	10.28539911
1.9269	1.188615	41.09789742
1.645245	0.72609	0.820306241
1.516295	0.60231	20.27789419
1.756395	1.051915	18.78229684
1.24988	0	42.72912751
1.784965	1.054105	0.368844359
1.863315	1.164005	30.43144074
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1.78819	1.088165	34.120309
1.63127	0.857075	17.41507884
1.588815	0.675875	6.702619423
1.679945	1.01274	5.507874109
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1.71464	0.837145	0.767473831
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1.758975	0.90677	22.32485552
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1.84131	1.16511	60.1062802
1.860775	1.174345	4.238469497

1.756195	0.79526	22.30177991
1.71251	0.976	46.89419981
1.76909	1.123305	8.974364405
1.683	0.945435	44.58069212
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1.7147	0.98259	37.75463826
1.573395	0.761305	23.5647442
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1.84647	1.12685	80.72491818
1.719705	0.987135	1.14998969
1.74034	1.039895	8.873524759
1.94184	1.09871	35.89393833
1.94798	1.13981	44.31422505
1.62348	0.90518	11.60512775
1.69305	0.830215	98.43033677
1.700895	0.839425	7.271461879
1.598955	0.80628	0.694422422
1.195015	0	25.16038113
1.99519	1.19055	21.09600001
1.996375	1.19353	16.04827751
2.00197	1.207265	10.95180826
2.03668	1.210295	11.32002355
1.80493	0.958495	17.22097562
1.504055	0.510155	52.45990284
1.74081	0.89499	1.790663011
1.78229	1.00972	18.03673161
1.797055	1.04904	21.51820987
1.70096	0.81018	19.55780962
1.816505	1.081055	15.28354944
1.21472	0	16.2356796
1.651815	0.79107	27.17399038
1.65685	0.791645	6.205840416
1.784365	1.043225	52.93148591
1.76097	1.01855	1.82678023
2.073995	1.287685	2.956083769
2.072755	1.29746	210.5166154
2.08005	1.30408	245.7684
1.6797	0.737375	19.33699592
1.62179	0.680225	0.866054993

1.778245	1.019905	11.56481503
1.767575	1.00161	31.0053406
1.72827	0.92706	1.370533592
2.01447	1.229385	20.24827403
1.63224	0.87508	29.48961331
1.634025	0.88283	22.59409938
1.338125	0	31.18802572
1.390885	0.17662	0.463047913
1.829435	1.16174	30.46260229
1.423285	0.492575	2.654709254
1.54365	0.76829	36.96353451
1.353655	0.20967	14.57016834
1.651715	0.95851	19.6702502
1.616515	0.869875	47.77394748
1.58712	0.900325	40.21849558
1.700235	1.010705	8.981545961
1.929155	1.238585	79.64671199
1.6253	0.817955	30.50067596
1.39891	0	55.1762452
1.290485	0	1.771217356
1.5437	0.683955	17.72900305
1.879665	1.200315	30.88823235
1.87805	1.19977	19.99212533
1.734915	0.948135	24.43520863
1.824485	1.06317	9.930533174
1.706665	0.9926	22.3041625
1.673075	0.82996	12.76294437
1.321755	0.142865	2.420339631
1.73246	0.88057	29.19274758
1.69276	0.852675	32.64134964
1.729915	0.944195	30.79966875
1.256415	0	112.7072967
1.650725	0.942095	9.581285861
1.265415	0	22.92163596
1.69348	0.8329	31.96912055
1.76507	1.088775	49.95521893
1.5518	0.502285	11.8856603
1.902945	1.081905	117.0827802
1.247215	0	58.47632105
1.236585	0	68.73893957
1.59494	0.924955	6.294597646

1.677455	1.00659	75.69692893
1.973835	1.275005	67.56177746
1.69385	0.89325	12.51539599
2.08279	1.165225	161.5322054
1.597865	0.77514	0.832475975
1.689625	1.01695	30.39488334
1.706865	0.97587	44.91268191
1.695545	0.99195	8.341803223
1.66842	0.92579	2.25214274
1.58598	0.54234	0.810534208
1.75725	0.8228	17.74772844
1.89284	1.1042	26.17935581
1.890655	1.10482	53.99586792
1.861845	1.03357	7.014230867
1.70195	0.988855	47.72722771
1.70967	0.99263	0.744353746
2.110225	1.30378	21.00992285
2.110225	1.307035	70.41072794
2.11168	1.30998	38.79068045
2.111375	1.31004	36.29373057
2.117705	1.326125	76.07137219
2.109785	1.32007	46.04555864
2.10419	1.31728	18.81059557
1.92745	1.090395	18.01365695
1.89369	1.081865	11.5911209
1.185615	0	38.65181425
1.37482	0.31108	0.494973019
1.63034	0.80693	51.68053725
1.483715	0.53817	1.661879433
1.724405	0.934255	23.80765408
1.64844	0.74476	23.44968682
1.2887	0	36.5901128
1.71757	1.000615	51.15582497
1.668405	0.87481	2.164142706
1.649565	0.8413	7.315980079
1.75526	1.04682	11.54215322
1.87225	1.179955	118.1590354
1.35476	0	9.406692219
1.915925	1.18436	47.72587971
1.60943	0.83961	10.46403867
1.607855	0.816095	5.655661598

1.607425	0.803805	14.47958081
1.75038	0.84081	38.97245339
1.77653	0.9081	0.474364089
1.64459	0.53179	2.673330814
1.86442	0.86975	18.88817524
1.74038	0.843565	119.2902201
1.47337	0.554445	0.762236394
1.629115	0.781525	12.81207332
1.709915	1.101905	24.56903855
1.698295	1.02031	47.6329076
1.33995	0.27546	3.628360253
1.70681	0.962985	24.49741779
1.6509	0.825815	15.72043035
1.25932	0	18.43963371
1.83371	1.15553	49.87109622
1.598215	0.808985	8.225703839
1.64566	0.933945	5.150849493
1.731875	1.093725	10.72770904
1.71756	1.059345	34.91931733
1.664515	0.932995	8.107470717
1.58724	0.73698	2.569714266
1.394075	0.289635	2.365750639
1.642145	0.7345	0.572127049
1.27036	0	12.41436189
1.28217	0	33.38651211
1.80093	1.16588	37.89034175
1.656355	0.874035	26.51855397
1.574545	0.79116	75.48698836
1.715845	0.960025	53.12714573
1.657435	0.822675	3.227315669
1.251625	0	30.84349293
1.35168	0	94.48600191
1.814335	0.96867	39.93143399
1.864425	1.11709	34.71481485
1.698785	0.835055	21.85579077
1.498895	0.359945	14.90096837
1.802005	1.015925	12.99464345
1.414665	0.336955	3.390092063
1.720165	0.975195	5.08393655
1.788665	0.950615	40.48056664
1.12547	0	111.1215827

1.226775	0	10.34370889
1.702315	0.82987	20.90880076
1.28625	0	69.72033719
1.89257	1.133965	10.97428764
1.506885	0.66187	0.417087533
1.59503	0.771215	9.690112911
1.5297	0.776305	24.43661423
1.740915	0.896175	32.70956143
1.38426	0.36205	1.998464411
1.14025	0	21.44824945
1.67962	0.99935	15.93935808
1.830745	1.1469	12.43904169
1.75701	0.92574	13.5062279
1.64707	0.880935	41.58699596
1.973035	1.29974	68.8357698
1.978485	1.305795	10.229686
1.978775	1.305955	54.37225635
1.98693	1.32438	51.06680624
1.986205	1.315135	26.16831168
2.02468	1.2979	31.58839637
2.032125	1.29449	23.12932747
1.748215	0.997625	26.86997395
1.56548	0.82083	32.82644652
1.66549	0.868215	5.202176068
1.65818	0.857905	7.841098554
1.605915	0.87077	8.600250765
1.737135	1.053355	25.60521923
1.21337	0	25.86773219
1.843565	1.056955	25.10705907
1.73013	1.09785	14.88100439
1.36789	0.468095	11.42068164
1.55673	0.85403	26.09536734
1.451115	0.52915	1.084901162
1.645125	0.78724	20.03868907
1.994245	1.25859	21.14879937
1.97287	1.212195	5.992621733
1.965085	1.198755	2.654195084
1.96151	1.188235	3.085210919
1.69674	0.83544	84.74980466
1.44944	0.507225	0.410323543
1.666085	0.881355	13.82524666

1.727025	1.16652	23.77036823
1.72328	1.156925	23.69851495
1.660135	0.88865	14.974381
1.699445	0.960275	24.52743342
1.708385	0.982975	6.01021587
1.731295	1.040145	21.26659282
1.75036	1.038865	63.86138522
1.756555	1.04715	0.426822516
1.32999	0	9.158688808
1.868365	1.097245	0.007433034
1.865225	1.094575	18.52434577
1.82937	1.069565	97.04528914
1.78158	0.894635	13.15963594
1.630415	0.81052	30.62816195
1.722745	0.79959	39.32697139
1.6758	0.91808	12.81282574
1.687065	0.94523	2.248785135
1.229275	0	1.479239712
1.781175	1.1606	57.10916611
1.8153	1.03385	26.46925719
1.84897	1.045055	18.47266239
1.627565	0.90954	24.26770668
1.754585	1.017445	9.251304792
1.12536	0	31.75245853
1.729075	0.898695	27.21992571
1.790465	1.06936	12.97971358
1.77109	1.052105	10.5640997
1.816845	1.15973	63.26288111
1.843625	1.02147	43.6988196
1.79409	0.964355	5.340948156
1.805845	0.952385	14.49677749
2.01763	1.30016	76.75726324
2.02483	1.30068	119.6137088
2.042105	1.29036	49.36296611
1.79392	0.9447	29.40099115
1.280755	0	20.24855241
1.8785	0.988445	17.36882048
1.882355	0.986255	57.15730852
1.30695	0	32.23880271
1.71726	0.8774	35.69398336
1.654315	0.87553	15.50991267

1.321735	0.24936	0.294918599
1.703365	0.83605	44.99857175
1.84236	1.151205	6.297077679
1.87679	1.22386	21.82354074
1.237245	0	6.635856787
1.77795	0.951085	47.89355581
1.73715	0.8377	26.03904329
1.63572	0.8282	17.46876954
1.789125	0.859665	8.55078454
1.653595	0.71335	18.7544969
1.744935	0.90402	18.2709382
1.71103	0.83374	26.76814262
1.908945	1.2036	6.935599488
1.908215	1.20248	0.059865265
1.907125	1.209915	16.86514735
1.901385	1.20184	28.63931154
1.90585	1.203955	14.87509103
1.65751	0.96008	9.492931421
1.791695	1.007235	24.46282595
1.448485	0.643055	1.054218673
1.64519	0.88286	5.933188277
1.70021	0.91881	15.96183329
1.60293	0.77464	53.73924561
1.262815	0	32.72439414
1.88847	1.14708	28.80059967
1.875465	1.16798	188.8513536
1.87012	1.19447	117.5880213
1.86532	1.181225	0.806270438
1.66983	0.7593	1.082561501
1.724785	0.891835	49.08267553
1.679625	0.875735	52.46219818
1.281915	0.310935	0.663862937
1.175895	0	24.30817848
1.57533	0.77664	31.05916595
1.6055	0.73778	41.2780677
1.61586	0.75698	10.49026274
1.678515	0.8193	39.06207133
1.73493	0.835435	21.24095358
1.84081	1.06466	56.75825176
1.69754	0.817995	0.067302673
1.80104	1.04121	32.8563217

1.35109	0.29975	5.199650757
1.736875	0.96342	32.70741554
1.681935	0.82615	61.94813418
1.75845	1.07655	19.26620949
1.598425	0.83643	7.622459045
1.519955	0.431265	99.28161614
1.75649	1.052505	22.76659782
1.72497	1.007085	90.45363628
1.81663	1.16254	45.60825797
1.73553	1.1222	31.15195167
1.848935	0.956205	1.958429922
1.986575	1.243295	26.30338854
1.9812	1.234715	35.86253411
1.977975	1.235325	30.84721161
1.228845	0	9.559517996
1.33925	0.324345	5.418386218
1.89366	1.232825	9.403228192
1.900995	1.2522	24.32174931
1.60623	0.802385	34.03486324
1.87729	1.143835	78.20921788
1.644365	0.88018	36.09740928
1.72983	1.034895	45.11386165
1.75761	0.841615	24.87327372
1.539785	0.65096	52.69780128
1.619885	0.73006	0.661100485
1.64826	0.80273	26.24499549
1.53584	0.49641	10.8969947
1.707265	0.982475	5.636943521
1.287655	0	29.66207133
1.65558	0.77351	24.70175133
1.6015	0.87684	27.73403789
1.23886	0	11.8171037
1.18871	0	58.62159302
1.90272	1.264545	35.02858925
1.810245	1.13591	24.99986026
1.779185	1.13461	45.30145283
2.08327	1.320235	132.1640223
1.757215	0.684775	3.405369055
1.474215	0.51731	0.223250823
1.281925	0	29.06005174
1.85899	1.172795	1.561630078

1.880585	1.238215	4.55706411
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1.294945	0	23.44769175
1.803005	1.121745	44.99809133
1.578065	0.860205	25.3264745
1.406645	0.33409	39.40446486
1.720855	0.840825	50.04359686
1.77342	1.072555	21.65008558
1.71464	0.83951	5.679585764
1.70119	0.848785	20.43227201
1.71608	1.01504	22.86910723
1.73683	0.894815	78.7171343
1.722685	1.000875	6.494456686
1.6957	0.935625	59.73616551
1.681515	0.898645	35.51721084
1.218575	0.073145	5.136226968
1.20364	0	43.45919132
1.633975	0.90495	25.1613024
1.76284	1.047955	31.83900673
1.796265	1.09423	19.7470019
1.292825	0	42.06225607
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1.64633	0.902875	5.229302417
1.886905	0.99785	51.53058785
1.134995	0	35.87498422
1.387845	0.14704	9.121780173
1.48678	0.256955	3.065859991
1.831385	0.911925	213.2871341
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1.26693	0	38.94536384
1.66632	0.826555	14.83770117
1.21504	0	12.31273172
1.71928	0.964125	34.38319027
1.64822	0.759195	35.55384829
1.772195	1.00759	19.56678339
1.84254	1.125455	35.24430095
1.86985	1.156845	54.06120037
1.71503	0.843875	8.350031326
1.90725	1.212785	25.34899377
1.762135	0.894845	15.42742546

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1.57615	0.42658	15.44882104
1.837235	1.0108	26.58569837
1.364545	0	19.49615589
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1.64203	0.916775	29.27648849
1.68138	0.79076	13.3382212
1.29329	0	21.37079778
1.73611	0.99014	5.517133898
1.2063	0	59.40515991
1.24859	0	36.80226155
1.70516	0.75942	79.09695638
1.610085	0.74049	21.67325457
2.06695	1.306895	9.402559358
2.05604	1.285275	13.1055911
2.050435	1.30418	252.3322842
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1.7001	0.794015	0.413185117
1.88498	1.08809	29.44685057
1.87584	1.06448	4.0842934
1.64275	0.81281	14.54444616
1.738485	0.994535	11.60673366
1.832405	1.05264	26.56777982
1.81429	1.011535	38.88150058
1.794315	0.97418	56.6125855
1.80493	1.022145	0.176695924
1.81733	1.04511	1.330465487
1.82531	1.060325	4.794028554
1.84668	1.102595	8.61380934
1.85572	1.145195	26.47765968
1.175005	0	38.73957079
1.67136	0.968635	24.70216902
1.71694	0.990455	9.011776647
1.688385	0.95483	15.11995238
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1.938705	1.1682	70.93406528
1.709965	1.034495	15.10987083
1.6722	0.7352	17.23185757

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1.595775	0.86706	35.87328354
1.89171	1.13153	37.41117087
1.88736	1.122345	46.39542575
1.84943	1.01256	10.76991863
1.655555	0.86356	15.26896626
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1.73813	1.02087	50.60431054
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1.232145	0	16.52099457
1.68362	0.833275	10.36385678
1.709845	0.89987	1.140960657
1.25192	0	38.90198197
1.80387	1.09534	79.72648814
1.69806	0.852445	12.70226734
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1.781675	1.09509	0.840261829
1.774195	1.07654	47.60877348
1.72273	0.833695	89.04130392
1.6754	0.91405	21.38347346
1.676515	0.786445	14.71441257
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1.588915	0.62584	3.312378465
1.609875	0.80348	25.49676382
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1.79368	1.043645	12.56884872
1.70868	0.789105	0.835603758
1.76973	0.92486	31.22925752
1.728945	0.957855	25.14194168
1.58186	0.819285	3.292612331
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1.92327	1.196155	22.39317952
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1.85369	1.156475	1.224797702
1.86149	1.18315	45.51796924
1.86585	1.186365	36.03467165
1.85638	1.142875	47.75671577
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1.54379	0.879255	3.175023594
1.61774	0.959535	14.63606429
1.743495	0.949485	21.84055143
1.62057	0.807465	15.26650663
1.646685	0.87501	0.323278518
1.6992	0.999895	27.8218122
1.581535	0.869315	7.765066374
1.92378	1.254155	6.085946537
1.27436	0	13.60530663
1.300455	0	19.27461498
1.71325	0.83861	1.128907406
1.579395	0.81208	7.440454616
1.779435	1.06316	19.30264282
1.717085	0.913815	0.058400342
1.72674	0.839455	73.05689534
1.888115	1.10095	10.34610602
1.84654	1.00138	9.694583871
1.667955	0.751925	123.7476501
1.760455	0.910775	57.48607705
2.010795	1.29028	8.98467053
1.877275	0.970645	3.504362745
1.83172	0.94724	16.399813
1.47315	0	114.2224801
1.609605	0.82116	7.984499634
1.78381	1.08678	10.93948616
1.909825	1.184615	42.10607484
1.814155	1.01027	0.560501364
1.71177	0.772735	8.98924659
1.71155	0.940705	11.46545283
1.64078	0.88558	8.90568547
1.5799	0.882585	20.88687919

1.56351	0.84438	0.134004477
1.781465	1.109645	38.42971071
1.846615	1.07342	13.64466748
1.47815	0.483745	25.46869018
1.771995	1.037705	57.26059029
1.578465	0.7615	10.7973889
1.826405	0.9488	0.77112272
1.84066	0.961785	157.0569852
1.747985	0.756095	9.58123851
1.775915	0.80975	23.13901561
1.68598	0.901265	7.192952335
1.614125	0.811355	16.32863701
1.306245	0	57.30958504
1.719755	0.921375	22.64181459
1.743435	0.98726	32.42046076
1.346935	0	57.61329759
1.64466	0.497315	15.09655949
1.4816	0.63527	78.67190168
1.74829	0.89733	48.45558951
1.6773	1.006175	39.26404612
1.625315	0.903725	3.081950895
1.759345	0.835935	9.721885324
1.731495	0.781695	8.711126477
1.871675	1.061755	83.68485052
1.768025	0.914075	0.098104128
1.741085	0.936285	0.734179502
1.74871	0.95661	9.727106407
1.621265	0.6991	1.906193361
1.35042	0.208775	1.164361563
1.74255	1.004495	52.95065607
1.850885	1.077585	38.02919831
1.64263	0.798795	2.164802993
1.62245	0.758535	26.28869453
1.94278	1.20776	46.39592388
1.22517	0	22.4343569
1.799565	1.030055	9.353284139
1.615695	0.964685	13.93645827
1.33777	0	21.91981195
1.59543	0.737735	4.325927715
1.701755	0.96243	1.909201236
1.843235	1.03913	31.72608477

1.720545	0.906615	0.555232321
1.670895	0.86314	11.03802923
1.72357	0.88248	38.02584412
1.751555	0.93614	1.230424094
1.800635	0.988755	41.73180994
1.82152	1.00717	52.33093581
1.749175	0.83875	49.9429492
1.709135	0.87066	47.6474345
1.62654	0.8096	6.110881417
1.661625	0.91772	13.94463528
1.530395	0.77721	1.496706317
1.291335	0	16.33968576
1.79359	1.04131	6.075265039
1.27947	0	21.06408432
1.695955	0.847535	28.56309534
1.733485	0.85546	10.62426792
1.66709	0.870795	37.38292924
1.26676	0.211555	15.6114255
1.171075	0	40.38620787
1.687775	0.882915	31.31960894
1.49888	0.605885	1.564070818
1.59924	0.79415	12.26747992
1.24679	0	29.36805396
1.732305	1.04642	12.39503795
1.754435	0.950125	54.60092189
1.685485	0.94653	24.36030658
1.33105	0.354935	0.570653117
1.788345	1.071285	45.13820737
1.77898	0.93111	36.99565783
1.754525	0.847195	0.255755546
1.87134	1.1212	73.6579721
1.189615	0	36.57934932
2.066985	1.24918	37.83064038
1.603875	0.8044	31.94666128
1.943175	1.26368	20.98351179
1.954095	1.21789	13.75226546
1.99013	1.269875	36.05299356
1.6709	0.75331	18.69198198
1.73765	1.10667	42.64286377
1.9359	1.098585	85.42879641
1.797035	0.992415	29.39062565

1.692545	1.016775	4.479993957
1.83396	0.93436	84.78275392
1.99098	1.215015	0.256363374
2.01159	1.259805	183.3131206
1.725145	0.884565	39.97689957
1.272495	0	64.01642682
1.78371	1.083095	73.41714098
1.35638	0.340475	4.133809323
1.66695	0.93035	7.098661102
1.67918	0.95888	21.93360375
1.16458	0	31.63183016
1.166935	0	15.65562066
1.8621	1.172555	121.0667565
1.259495	0	55.17356926
1.30886	0	23.5337447
1.73579	0.88629	7.968251264
1.886595	1.18253	52.2007224
1.582845	0.676985	0.213854646
1.621635	0.80192	6.032700196
1.73004	1.000365	48.53997481
1.65129	0.74002	1.567663739
1.862055	1.13482	6.749716341
1.858305	1.131405	10.94178508
1.64183	0.80996	19.67214958
1.692385	0.83069	35.0557992
1.757595	0.978915	47.55316065
1.65748	0.868035	31.6702279
1.62974	0.88083	34.01505631
1.71444	1.059095	65.57934093
1.298445	0	48.14435433
1.28658	0	10.79337097
1.283535	0	6.628027207
1.806835	0.95065	82.31132405
1.82147	0.981615	3.940782219
1.228105	0	30.1803573
1.713175	1.01007	40.41373288
1.70865	1.08964	98.0216824
1.70297	1.084155	36.87689898
1.648165	0.82454	5.197960278
1.705265	0.974845	3.31543002
1.62829	0.809405	0.482967628

1.382965	0.40762	7.360037818
1.6621	0.82259	8.406250923
1.762115	0.961025	28.00708578
2.0431	1.20662	138.3957177
2.063025	1.234805	65.33490253
2.063615	1.23394	16.52398095
2.06945	1.247	59.53287439
1.678035	0.93765	10.58666206
1.84637	1.219245	12.79366991
1.85021	1.222915	19.87636101
1.28733	0	47.58812115
1.81443	0.777425	30.95141999
1.86403	0.84643	59.11774137
1.84995	0.85781	6.073734418
1.778405	0.788045	14.14788095
1.66042	0.913845	6.701137205
1.855285	1.091305	0.855358831
1.864215	1.104295	4.89275491
1.924025	1.24644	55.80699129
1.921305	1.244715	16.5791941
1.920055	1.241665	8.218730824
1.76804	0.988355	4.310715156
1.732055	0.899345	1.123586436
1.67605	0.82552	28.25580487
1.81261	1.001945	81.55733097
1.814115	1.022285	37.37234915
1.510075	0.6509	24.50981369
1.87154	1.15015	50.07117528
1.614875	0.75172	7.411400002
1.813495	1.02647	19.225673
1.80575	1.0114	9.303021419
1.817665	1.114605	37.33521902
2.081525	1.311525	32.82207776
1.66673	0.82619	7.874231422
1.70037	1.11153	50.4553361
1.790925	0.975165	26.0715104
1.76653	0.92022	10.00622699
1.82478	1.061605	111.6037107
1.200205	0	57.45659252
1.639385	0.885615	24.73220549
1.800735	0.945105	49.9703837

1.700845	0.90885	12.94923548
1.162975	0	19.13652441
1.67803	0.88871	14.07332025
1.800575	1.018615	6.835820569
1.806705	1.028865	0.502131308
1.86355	1.135675	19.4211973
1.572865	0.805405	1.491601483
1.85533	1.177975	61.75701373
1.856625	1.172135	2.376006914
1.85382	1.16119	25.02809405
1.60882	0.81287	16.73390274
1.33268	0	16.87154373
1.796835	1.110395	22.9552467
1.77506	0.90682	3.579221449
1.82652	1.076485	99.71334663
1.903855	1.122595	2.39837482
1.933975	1.172115	40.0014551
1.93356	1.17083	29.38581029
1.81215	0.88712	6.127734938
1.392395	0	25.3670924
1.37439	0.069615	0.093359198
1.606145	0.760805	38.34710484
1.676625	0.90705	35.42360514
1.75271	1.030455	0.439095262
1.750575	1.029095	13.79695367
1.7006	0.91663	34.80543691
1.66072	0.82663	65.54734545
1.755175	0.901	22.17231854
1.703505	0.832845	15.98606257
1.596645	0.89226	5.480643397
1.732325	0.96133	5.821074547
1.129635	0	9.073379129
1.717715	1.09734	49.93849669
1.61738	0.947955	35.4496743
1.389455	0.4048	34.06273472
1.220695	0	1.2154186
2.120305	1.29945	27.37997911
2.11529	1.28098	0.660407889
2.04553	1.21582	15.09782263
2.10765	1.305395	27.60958225
2.1091	1.30773	1.408038813

1.596725	0.90161	23.37118356
1.70865	1.02726	7.120299548
1.851875	1.10294	18.20923855
1.70883	0.89532	23.60898672
1.747295	1.01373	18.18857513
1.740515	0.874805	7.172688092
1.806125	1.0283	16.15165135
1.915575	1.253205	37.42887947
1.758355	0.988295	36.9665973
1.64623	0.88201	21.58460218
1.736945	0.831705	81.24618625
1.79272	0.91965	15.96734513
1.738665	0.873295	0.524134525
1.781955	0.977415	38.54772219
1.71845	0.83214	22.15953829
1.35293	0	24.24032565
1.863855	1.125755	56.11938179
1.80369	0.915735	2.824552959
1.60066	0.79588	11.82686351
1.725865	0.95046	48.98351838
1.658945	1.007645	7.463859808
1.67004	1.05431	114.732707
1.687765	1.008465	32.24408126
1.72109	0.977345	33.80987878
1.54447	0.87526	25.8447899
1.40286	0.65456	3.099982047
1.70022	0.985605	9.756251323
1.591065	0.80624	4.679949104
1.73623	0.97598	1.043596612
1.72498	0.967035	56.74867102
1.668465	0.90538	0.654997115
1.739185	0.84536	14.57668036
1.289125	0	21.55417235
1.22833	0	22.5705954
1.82443	1.10609	54.30423319
1.74782	1.115865	30.93949653
1.747775	1.11145	16.75341673
1.746325	1.10378	1.286263566
1.75381	1.02467	37.73676214
1.747375	1.01602	84.46850283
1.816405	1.008375	21.56606129

1.724905	0.980585	133.2903389
1.16778	0	71.14995553
1.22402	0	34.56144395
1.65009	0.913505	32.33354255
1.79036	0.98733	3.704427839
1.807275	1.027865	9.473903623
1.789455	0.98692	3.005519979
1.77614	0.923345	38.63289856
1.283615	0	16.91432549
1.63484	0.75894	102.2349036
1.753685	0.90228	41.53785445
1.557575	0.79024	15.50296635
1.279	0.272945	0.592340214
1.7083	0.94703	2.323059625
1.718895	0.97335	108.7841648
1.70028	0.89182	22.22758056
1.430895	0.405245	0.381816514
1.74563	0.90088	14.95303876
1.672805	0.887665	67.83200873
1.624285	0.811335	40.66312987
1.985205	1.25268	54.56133039
1.952235	1.19365	43.17530542
1.963555	1.204505	5.45760388
1.96175	1.207875	58.6063857
1.956115	1.20691	110.8191366
1.671355	0.872875	25.81734809
1.709125	0.76205	141.0763494
1.81226	1.011975	0.111676184
1.799435	0.99158	22.16651211
1.77964	0.94431	54.25929161
1.744085	0.954195	26.67459273
2.10705	1.3433	23.55075117
2.10936	1.34644	59.52399372
2.11907	1.326075	8.786355764
1.666095	0.897945	108.2830962
1.743555	0.905205	11.61842424
1.549705	0.66074	27.34476919
1.520235	0.77554	13.50363345
1.658705	0.882985	32.30502476
1.69436	0.972315	10.49047166
1.59025	0.63783	92.34510394

1.18536	0	73.43221563
1.659715	0.963225	13.84135954
1.606925	0.839875	0.732095431
1.53187	0.73518	11.06991155
1.78586	1.04849	56.86535453
1.717975	0.8958	23.01003185
1.74293	0.90857	38.39420033
1.64728	0.85957	56.77007297
1.57154	0.800275	25.13425592
1.777915	0.9959	12.5945093
1.609565	0.900335	5.020543463
1.77953	0.94672	3.988280476
1.706275	1.07661	62.7663725
1.19814	0	22.85402316
1.779375	0.914335	9.857490072
1.647155	0.855865	15.79435066
1.624255	0.806835	23.82607956
1.81721	1.05858	46.05125811
1.238215	0	67.20609674
1.2226	0	99.54725887
1.620295	0.87912	14.7804866
1.63451	0.909145	50.06953394
1.774975	1.039045	7.651351809
1.7969	1.060375	59.70029928
1.713865	0.918195	54.32456481
1.762015	1.039805	80.5855207
1.444905	0.337315	0.067581433
1.7642	1.02545	53.94376412
1.506685	0.526525	6.504993772
1.899215	1.154975	51.56630231
1.814225	0.973045	18.67839535
1.345665	0	2.505263487
1.827685	0.97986	16.73643814
1.59156	0.67942	0.64003007
1.71661	0.928655	35.24154882
1.36463	0.24143	0.421794511
1.698995	0.87562	32.01106675
1.941225	1.172125	52.26838982
1.849485	1.068115	22.15199297
1.77855	0.90363	26.63571576
1.667295	0.857585	32.00753506

1.67923	0.87972	0.985035761
1.26383	0	20.83373407
1.73832	0.90536	35.59336396
1.26262	0	19.27199181
1.54147	0.766895	0.296753921
1.68515	0.9377	17.73415932
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2.171805	1.328435	1.758866206
2.1753	1.331875	69.86749451
2.15587	1.289335	130.8879835
1.653765	0.947015	23.39542823
1.929305	1.215615	58.10588798
1.936525	1.230545	6.007155005
1.75778	0.914805	33.8994007
1.761215	0.841935	18.60580086
1.82441	1.1623	26.59606385
1.293195	0	65.08886805
1.590815	0.784445	19.46767763
1.228275	0	42.91449653
1.864675	1.115325	2.488758374
1.897245	1.173935	18.55610672
1.81166	1.0472	0.208806129
1.669965	1.066915	15.0121443
1.6679	0.82351	56.56835416
1.618755	0.92676	37.6867839
1.57925	0.776855	32.81367285
1.829595	1.0522	64.50479652
1.807085	1.03319	0.018317478
1.602035	0.85143	16.30518063
2.251565	1.381075	42.7214435
2.24141	1.36483	37.28649906
2.049955	1.188015	14.37906569
1.88676	1.135	24.51843187
1.894685	1.1467	10.88754918
1.28144	0	14.13484602
1.726355	1.020655	18.80564564
2.000575	1.241345	6.84087397
1.9979	1.24319	8.770064622
2.030585	1.248735	263.7391523
1.98646	1.246575	14.56360423
1.65417	0.916945	54.36774755

2.10393	1.186295	596.5838905
1.715755	0.842705	40.90783517
1.76764	0.89725	65.42328267
1.753625	0.90017	2.11480331
1.738795	1.049365	12.0920119
1.783705	0.909465	7.639457233
1.263965	0.104815	6.745200759
1.64969	0.821485	82.19939639
1.84437	1.07469	10.98409263
1.834935	1.04717	13.83914939
1.799495	1.03534	39.19716959
1.61681	0.8129	76.1694818
1.617655	0.80355	3.783437048
1.888625	1.16145	48.51510044
1.752595	0.864775	0.548865539
1.16269	0	4.075846636
1.175895	0	5.194887049
1.66865	0.8863	22.82476618
1.305805	0.22343	1.399463039
1.67863	0.834255	6.946475631
1.757485	1.04037	77.83800543
1.32087	0.52223	0.058981778
1.56564	0.79663	17.27870996
1.76823	0.832855	16.30293134
1.737975	1.000415	14.65362944
2.288005	1.366855	5.768550698
2.292595	1.40174	83.2403101
2.2858	1.39596	57.53396451
2.289765	1.396145	58.59683338
2.30087	1.401665	246.1059992
2.29077	1.39071	302.7476334
1.790815	1.017405	9.181633953
1.741525	0.90104	36.80984737
1.748885	0.974085	27.73138664
1.71909	0.90452	7.371825023
1.60977	0.85026	27.44758892
1.76936	1.02968	40.56873838
1.698765	0.94266	5.568904534
1.145715	0	30.57346345
1.344385	0	32.22437175
1.736405	0.993875	8.084341767

1.714995	0.9418	3.502437375
1.74681	0.796955	8.064124986
2.095105	1.33037	112.9124598
1.216185	0	31.40104685
1.85537	1.127405	17.03946656
1.87914	1.16559	9.988237696
1.842815	1.013085	4.940807668
1.721155	0.910895	68.93723003
1.740105	0.955815	62.43843839
1.638385	0.844665	62.73826331
1.62561	0.83342	20.47533631
1.71509	0.98047	12.41998231
1.969695	1.23582	13.60612434
1.8166	0.93353	10.65822147
1.98227	1.212335	95.09537732
1.9816	1.207815	81.2169011
1.58944	0.628375	28.41705352
1.66361	1.004225	135.211202
1.712065	1.028995	24.74231611
1.70639	1.01654	0.051946319
1.666515	0.92397	2.249925895
1.82778	1.120045	0.95446046
1.835275	1.139105	21.79800696
1.278525	0	93.02812948
1.37456	0.318875	3.828035552
1.62738	0.810385	21.19050216
1.64311	0.949475	19.50689754
1.735535	0.89358	70.72503574
1.655885	1.00314	64.55422835
1.595665	0.796285	2.604952932
1.56868	0.731575	3.004513647
1.877905	1.146105	0.542493365
1.89352	1.167035	177.0137142
1.86556	1.18276	16.588536
1.841935	1.14281	17.0009525
1.72538	0.81925	27.55560361
1.833815	1.035555	11.56446997
1.893045	1.1069	5.539034554
1.746025	0.92993	19.62027739
1.62788	0.90075	34.76942589
1.64036	0.8793	6.983777059

1.575775	0.853115	1.804605098
1.549375	0.788955	12.54128106
1.722875	0.94593	30.25723415
1.199215	0	46.63390414
1.27272	0.222315	0.986468008
1.88418	1.15243	39.36143515
1.18986	0	64.54658049
1.719	0.867375	11.31567447
1.63235	0.75698	21.98563346
1.76498	1.057195	4.773087106
1.740365	0.98678	22.52099228
1.24379	0	21.4582339
1.70872	0.930235	54.19163073
1.299015	0.26695	13.2629797
1.413655	0.304895	4.553319898
1.7211	0.995665	24.97890297
1.742095	1.049305	8.466025916
1.435495	0.59539	0.555528153
1.364045	0.226825	16.45499112
1.78017	0.906485	0.985986638
1.33893	0	40.18398177
1.82973	1.135655	9.481874668
1.65483	0.822865	38.04238999
1.61074	0.912145	24.98348976
1.597695	0.72176	11.27105121
1.588955	0.84532	17.48457989
1.30918	0	28.20882586
1.658485	0.788565	1.560249022
1.879615	1.13035	32.11108404
1.8767	1.125485	15.34512698
1.868545	1.11513	30.02089782
1.836805	1.057605	0.171307473
1.251455	0	34.91873903
1.68867	0.85095	2.540684611
1.87577	1.146905	4.041469317
1.87062	1.13504	23.3907655
1.51417	0.538815	12.23652927
1.968745	1.21938	52.31323638
1.29077	0	28.38876074
1.88536	1.230295	63.27725468
1.86753	0.978785	25.54330942

1.76682	0.81838	4.698682599
1.72798	0.88835	30.76897066
1.522085	0.77094	30.14626164
1.7159	0.853015	29.13137751
1.77123	1.024115	20.73398885
1.70044	0.81388	1.999182957
1.676575	0.826755	50.63878064
1.574235	0.798215	47.64463379
1.3645	0	54.42580955
1.90601	1.060595	84.73372991
1.897045	1.05033	0.655966408
1.893595	1.005245	1.498078137
2.121645	1.320765	34.02436466
1.89272	1.13596	41.61262353
1.83164	1.033125	6.87828196
1.79207	1.13161	41.41344401
1.594755	0.70027	2.7927583
1.69037	0.82493	42.75115372
1.269095	0	22.3550272
1.805075	0.96098	1.134374405
1.77441	0.87539	47.03559382
1.58542	0.745455	36.61437338
1.61338	0.802215	0.756217812
1.55343	0.80259	13.58793316
1.598255	0.75581	2.958539883
1.684755	0.984835	13.2986777
1.691215	0.997875	3.391276775
1.719785	1.065005	10.16507047
1.996015	1.28228	8.409254826
1.999335	1.28614	118.880892
1.728685	0.896445	14.01920603
1.754495	0.962915	5.118275031
1.20756	0	42.87522154
1.57124	0.74082	74.839792
1.153895	0	19.81948792
1.697025	0.762	25.35666411
1.7322	0.785625	44.23205693
1.235185	0	58.09420975
1.72964	0.99788	17.30153993
1.613375	0.94246	9.206202262
1.70329	0.95894	40.16696148

1.507155	0.5693	2.381876935
1.85438	1.183865	38.81177324
1.668415	0.923785	15.90926713
1.58674	0.61921	0.272585638
1.73278	0.81662	0.366343622
1.71754	0.799855	24.30679309
1.61403	0.751625	3.358929761
1.968	1.126825	11.87471835
2.045635	1.207975	35.43374812
2.057855	1.155345	99.43774558
1.644005	1.016235	22.71184289
1.6978	0.95252	32.20129665
1.619045	0.84428	13.66256795
1.72021	1.079605	9.544290946
1.43228	0.63895	1.451023436
1.572945	0.842045	10.0289566
1.758025	1.07345	49.45040305
1.72236	0.983245	9.851072375
1.712995	0.974495	29.94477567
1.442455	0.338045	61.40354915
1.456195	0.34822	0.073980876
1.603275	0.85157	19.25304706
1.6079	0.838185	3.046330779
1.644285	0.8182	10.83577604
1.90043	1.181415	41.24437622
1.81233	1.129165	14.68909004
1.83909	1.140895	5.434186635
1.884865	1.154815	10.86686622
1.884965	1.153175	87.10625951
1.84505	1.10849	70.80893067
1.752265	0.920625	7.314048366
1.947205	1.13341	38.118844
1.94206	1.12073	9.570740228
1.85552	0.930985	3.179159763
1.657765	0.910485	92.23050782
1.76555	0.82522	23.41518713
1.57654	0.89447	31.3205408
1.89175	1.131855	5.588142687
1.87948	1.14406	97.99840802
1.77597	1.034105	64.75950908
1.753635	0.990215	58.11843219

1.69446	0.84152	1.048544614
1.52065	0.56576	1.402384748
1.765025	0.91255	11.05302875
1.65794	0.80854	13.56961803
1.497215	0.426765	2.217896391
1.843525	1.095605	5.329860173
1.83804	1.09263	19.46700477
1.622675	0.878105	3.979358867
1.79301	0.88938	12.36567124
1.809945	0.90914	80.50682879
1.21301	0	26.75761133
1.53354	0.75734	30.16247664
1.78259	0.8516	6.687018156
1.652925	0.87836	7.487800972
1.77428	0.76009	1.640364243
2.127255	1.313205	44.24419412
2.13238	1.317105	81.13602665
2.1293	1.30756	94.35761174
2.12635	1.31637	28.55476736
2.12313	1.303645	1.104169643
2.123355	1.30894	18.46229892
1.904875	1.173955	39.16535304
1.747995	0.747635	15.2376567
2.044405	1.30438	65.40192048
1.349365	0	9.775187361
1.252435	0	34.23787358
1.775735	0.90868	102.1444194
1.622575	0.774405	7.91667408
1.7625	0.846105	47.39348736
1.23625	0.12997	10.24845102
1.585155	0.79744	19.24068931
1.75059	1.016705	28.91991264
1.32149	0	21.85101715
1.69189	0.82806	2.903815328
1.615995	0.87237	36.44427382
1.75566	1.045065	39.22829789
1.854955	1.124005	11.08067698
1.851435	1.092145	36.28417355
1.83655	1.1756	60.1207768
1.64766	1.0026	11.3858289
1.65152	1.01185	0.670568193

1.5861	0.793905	35.28339367
1.132785	0	36.16269001
1.89115	1.037505	12.70375441
1.903435	1.061495	42.70599344
1.892075	1.032175	22.37031445
1.88062	0.993585	81.6228817
1.925615	1.10944	7.34675449
1.803555	0.85775	48.42560376
1.729155	0.92704	6.543038433
1.646815	0.76973	9.608250781
1.83052	1.142365	30.38483609
1.77278	0.878485	47.38041909
1.828905	1.07227	55.78835835
1.748955	1.116705	29.44103184
1.659075	0.88624	0.088438058
1.638525	0.83861	12.34963684
1.63854	1.059675	0.196465696
1.633575	1.056415	25.50737021
1.57272	0.981365	13.03520871
1.3049	0	24.95830323
1.607035	0.97805	23.09563496
1.542075	0.79117	20.67559593
1.864525	1.120775	9.010249924
1.930105	1.26365	70.47034441
1.68216	0.88447	4.078754967
1.63544	0.82179	11.72775171
1.759075	0.82336	40.36661939
1.722875	1.06264	78.3574906
1.853755	1.159695	37.90448826
1.848475	1.1601	40.11564922
1.65888	0.753215	21.0358319
1.757905	0.897665	32.39205235
1.415385	0.35562	1.312475863
1.68022	0.874835	38.09401334
1.54814	0.772205	9.070244145
1.8251	1.118245	11.06120572
1.812385	1.085955	11.81341189
1.672435	0.95167	2.852189629
1.69857	1.01207	59.1179046
1.70132	1.034205	38.4285181
1.643215	0.87533	2.773022619

1.760415	1.10506	36.2150943
1.86307	0.75345	9.34048236
2.16506	1.357155	1.785821091
2.16696	1.38819	105.7791229
2.167145	1.38371	94.73745752
2.160535	1.37874	53.7545523
2.16066	1.37562	45.38769583
1.281665	0	34.3084761
1.50166	0.5611	10.61011196
1.525425	0.635065	17.67716638
1.14983	0	44.79804328
1.19451	0	11.85846106
1.341315	0	75.19723479
1.26645	0	65.19285374
1.447275	0.48183	0.523831318
1.909975	1.1644	29.05782178
1.91253	1.169555	9.020991773
1.906845	1.133755	12.89118303
1.200675	0	34.83410214
1.597725	0.79681	2.016486182
1.884465	1.130335	24.71130514
1.8339	1.00348	87.25101434
1.599725	0.761185	152.9501737
1.712215	0.868335	4.944527431
1.725225	0.89243	3.93306858
2.002765	1.273575	62.2272914
1.99792	1.27222	43.89358603
1.72461	0.746075	0.860181573
1.76872	1.028935	11.93184244
1.782035	1.16287	13.35713036
1.198165	0	12.35955339
1.84033	1.08555	21.23435991
1.788755	0.974375	2.761302012
1.7776	1.06515	46.65132395
1.729625	0.92225	32.86857106
1.71915	0.856825	2.074686071
1.68948	0.824385	6.110257857
1.60576	0.74221	35.74949783
1.73028	0.93706	17.71438463
1.77562	1.04444	33.0771421
1.78508	1.06589	5.991471046

1.769785	0.910655	25.94795906
1.604995	0.872845	3.037036694
1.170395	0	16.67718398
1.75931	1.023575	62.98279586
1.661905	0.935345	18.60195686
2.10225	1.342985	137.7306542
1.28036	0	41.70365347
1.24115	0	25.58624426
1.169355	0	43.73307307
1.64958	0.817305	9.062099551
1.30829	0	19.43264026
1.26822	0	10.98377481
1.614165	0.80261	18.15004796
1.80259	1.116355	6.811514273
1.831065	1.15875	50.1909393
1.84663	1.17728	10.02042309
1.851445	1.175085	31.60642621
1.79055	1.039	25.03223196
1.296955	0.35974	0.542134569
1.59395	0.86664	19.26357773
1.74266	0.979235	0.077325416
1.75091	1.00827	49.08423574
1.753865	1.002285	0.36507065
1.687105	0.827865	1.745420365
1.708905	0.903565	52.60494899
1.76474	1.015035	16.93084469
1.770665	1.015785	1.891305118
1.66897	0.941975	6.539540591
1.65977	0.921465	15.52100652
1.64233	0.893135	13.15478445
1.62252	0.824735	72.22494664
1.588545	0.801655	13.88742874
1.743395	1.02531	17.86534331
1.73929	0.97415	7.697365945
1.751495	1.008065	16.10091635
1.756995	1.060575	0.597120725
1.759655	1.073075	10.42356482
1.75943	1.022455	7.424468364
1.72231	0.99129	10.76274008
1.63139	0.887955	0.02654242
1.820415	1.05657	22.67850774

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1.2224	0	1.777405201
1.631545	0.813285	37.06826955
1.85598	1.1493	121.6665411
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1.863125	1.163475	80.09317483
1.86422	1.12386	4.123594143
1.142105	0	20.05231212
1.817005	1.11944	23.512463
1.78369	1.034465	0.64948147
1.78765	1.048125	12.56646879
1.784995	1.046135	2.25273317
1.78267	1.045745	16.41097855
1.762155	1.01502	11.55139318
1.74161	1.0217	9.430533774
1.657845	0.827505	13.56789195
1.29927	0	48.80814858
1.60804	0.798745	31.73848856
1.334065	0	27.91738653
1.460095	0.16587	34.02757854
1.837755	1.10539	68.50547523
1.689465	1.101295	18.76663382
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1.40525	0.282925	1.874412272
1.361075	0	48.31379881
1.82666	1.097275	37.81286298
1.70452	0.863125	66.01107228
1.73519	0.921245	14.04922013
1.64002	0.714835	7.758491812
1.818155	1.093775	125.8553852
1.690285	0.82381	12.63266404
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1.533535	0.57806	2.347516713
1.50746	0.514575	1.779023671
1.66543	0.90147	15.15077748
1.84303	1.015035	36.62931801
1.911705	1.100195	3.567327757
1.895755	1.12543	57.12576754

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1.87006	1.13544	3.120534629
1.633235	0.912255	19.72095685
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1.6368	0.817995	26.27332193
1.86159	1.142795	40.0689234
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1.60406	0.979245	6.262008297
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1.69002	0.959185	92.00864478
1.67822	0.84688	42.56143288
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1.807955	0.979425	5.484066201
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1.763855	1.003545	24.22926285
1.441075	0.39374	41.26269658
1.165265	0	51.90437915
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1.526795	0.43789	46.02878213
1.78426	0.95688	37.16386569
1.708515	0.667185	39.15542534
1.77557	0.729835	23.53350157
1.68175	0.8934	21.26069258
1.65617	0.826115	19.58312596
1.66627	0.823355	38.23757336

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1.5576	0.746555	20.05906351
1.649365	0.963965	14.47775802
1.703765	0.821415	13.18447369
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1.74758	0.89529	17.69908278
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1.707495	0.89987	24.22247925
1.22984	0	28.69607458
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1.201975	0	9.001952788
1.6943	0.90135	8.53481678
1.673995	0.87009	48.03313372
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1.639345	0.738085	0.700279608
1.18015	0	47.20076218
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1.67144	0.97573	0.142507894
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1.6029	0.78533	53.00106816
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1.81472	1.05941	26.13674078
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1.58116	0.824695	17.4656252
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1.72217	0.92096	18.20664001
1.577295	0.89862	27.21717586
1.242485	0.26533	1.026458363
1.593085	0.892035	25.58047838
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1.911255	1.113475	16.42700548
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1.72274	0.910695	68.8534735
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1.709925	1.04478	29.36692104
1.84244	0.93312	57.52177475
1.72289	0.833505	8.690490281
1.88159	1.21069	18.30944088
1.824385	1.129015	9.692769862
1.808055	1.02636	18.56674743
1.806485	1.012325	1.11179168
1.608625	0.835905	16.9943963
1.4932	0.53081	32.2530057
1.7702	0.85092	4.668358119
1.382715	0.192515	0.518434422
1.774965	1.004385	76.92789874
1.60765	0.738845	6.09718358

1.69557	0.951905	14.88165056
1.70461	0.973665	1.283312097
1.6631	0.928105	32.30139698
1.98549	1.186795	2.645364597
1.987615	1.190255	39.80810145
1.98379	1.18855	18.99035118
1.977455	1.17952	16.86844257
1.914665	1.137725	14.26548202
1.65096	0.990125	28.59724046
1.491935	0.64064	48.26085601
1.30008	0	10.35966786
1.674215	0.86962	111.600543
1.701335	0.911905	4.391907807
2.2412	1.2212	489.9166756
1.639265	0.81945	13.02467154
1.208905	0	20.76790803
1.236565	0	12.12791097
1.198305	0	1.195452152
1.626835	0.859915	23.41119344
1.31772	0	21.56009828
1.641545	0.94188	7.97066997
1.550455	0.7268	0.917759386
1.382985	0.39262	0.088117762
1.781765	0.90486	42.00695668
1.638825	0.87595	18.88976021
1.720955	0.952045	32.37622755
1.79522	1.087405	30.27507768
1.65923	0.77264	16.77308335
1.229725	0	15.50298451
1.23634	0	23.33295321
1.280075	0	67.46137528
1.155585	0	39.78641824
1.45697	0.522925	30.70899372
1.71196	1.108135	73.51184254
1.247	0.14934	6.962830092
1.776435	1.00096	256.5495369
1.78461	1.013555	2.790732867
1.5667	0.846135	28.07383891
1.33475	0	30.61104058
1.643175	0.83924	5.456088292
1.690945	1.019355	43.57106019

1.68914	1.017295	0.775366365
1.792665	1.1287	5.217920697
1.7924	1.10555	8.182352286
1.80174	1.117365	3.215093532
1.813125	1.038785	55.62703113
1.78071	0.99348	11.22423665
1.652415	0.920545	4.881090505
1.663715	0.794935	49.6443489
1.854775	1.22745	31.45224715
1.732525	1.012355	30.70921099
1.699545	0.931945	0.273581761
1.664605	0.78057	66.98688866
1.538675	0.61488	7.631359999
1.262475	0	56.85051283
1.75039	0.92645	15.99411538
1.544375	0.771505	50.01283082
1.382345	0.28377	53.401145
1.866395	1.166155	4.89128801
1.865615	1.177175	37.47427256
1.69772	0.828455	26.73664955
1.758385	0.898375	28.32030967
1.809885	1.029185	59.1625682
1.76182	0.90011	17.97857297
1.773295	0.949315	3.112685954
1.685075	0.846145	0.359192275
1.762425	0.89062	22.14669122
1.90336	1.2609	32.57364646
1.901275	1.26088	24.38043474
1.895105	1.248225	0.336774717
1.314265	0	14.58843688
1.60838	0.7474	5.478700855
1.905775	1.13152	240.3764357
1.800365	0.989905	20.27702443
1.57209	0.83477	14.88261275
1.68908	0.81929	44.87370059
1.80095	1.054745	37.32297347
1.40618	0.29669	7.043261679
1.617085	0.75446	51.31514078
1.328795	0.34315	68.88872266
1.598235	0.81514	0.001843909
1.482535	0.67255	17.08358688

1.601635	0.82703	33.22201603
1.70712	1.052505	108.2281879
1.51886	0.59864	0.628781687
1.664955	0.814655	3.821105512
1.53711	0.785125	16.43698948
1.278605	0	51.2717042
1.80186	1.103285	28.48859743
1.77251	1.0114	29.09727694
1.77978	1.023235	84.51749097
1.6232	0.76061	116.4016786
1.161505	0	29.24294401
1.72305	0.88799	121.0925912
1.909905	1.200165	32.66300073
1.89817	1.192015	86.6884491
1.893795	1.18486	0.584763174
1.89187	1.183145	18.67151252
1.860585	1.0825	1.344901879
1.89701	1.121475	25.80158941
1.805985	1.146815	19.35479834
1.762425	1.085645	25.38120089
1.734175	0.91896	40.18400699
2.127135	1.246075	0.801992051
2.19624	1.38216	32.89811272
1.61951	0.90367	6.129743507
1.2514	0	10.35014056
1.23079	0	24.15434577
1.72648	0.992615	43.49862761
1.73708	0.87518	0.278975716
1.77189	0.95778	1.910921602
1.827575	1.09655	10.03597949
1.83405	1.105025	3.004997124
1.82797	1.074915	26.78771296
1.83211	1.07881	2.710405715
1.83692	1.085685	46.68728699
1.24377	0	49.06795513
1.70002	1.003065	25.29172326
1.614845	0.80996	16.10541306
2.18157	1.12251	821.4749664
2.160685	1.170655	9.026601864
2.22936	1.21893	241.7914289
2.111395	1.31458	66.29625809

2.101085	1.32111	66.18186842
2.109585	1.32798	74.78386179
1.199145	0	58.8752078
1.77105	0.849485	19.72310927
1.808985	1.170495	34.89845595
1.17271	0	33.5145936
1.740605	1.021295	9.362447959
1.82036	1.08369	57.66980082
1.543055	0.62897	7.769864259
1.189025	0	61.3850735
1.681155	0.954485	8.297310786
1.635285	0.897345	9.303313714
1.738035	0.83098	26.88698733
1.841285	1.133485	6.769665129
1.61534	0.84527	1.590891926
1.60078	0.849575	54.44364763
1.75961	1.013965	47.95769328
1.47989	0.305155	0.772293578
1.867065	1.02939	212.1907254
1.861375	0.949195	1.494377507
1.81554	1.13426	5.410484711
1.271365	0	43.7291085
1.290425	0	33.72010366
1.83524	1.08197	14.54731769
1.707075	0.83142	13.31688257
1.930835	1.264195	73.06988508
1.70285	0.889415	10.90726341
1.77452	0.96189	31.68101972
1.791835	1.001025	62.50641577
1.9038	1.23121	36.65512689
1.37152	0.360915	3.024257471
1.222795	0	39.11205715
1.62786	0.88697	32.81748002
1.22137	0	32.72847293
1.2259	0	9.254500908
1.24804	0	34.57484821
1.61189	0.81135	7.709749522
1.266775	0	114.4473712
1.71931	0.962745	35.72057473
1.68251	0.88868	98.60962343
1.92425	1.001735	147.663798

1.96123	1.04675	138.5949704
1.965695	1.01514	8.177616488
1.53214	0.72722	21.46047236
1.777105	0.883415	23.53823572
1.45535	0.392675	0.474978366
1.76796	1.00934	94.52052647
1.62963	0.721115	10.00512168
1.85811	1.073495	55.75519832
1.316565	0	2.424816127
1.18481	0	14.30527937
1.983975	1.197795	100.4687195
1.95843	1.15954	39.22355108
1.7944	1.089585	28.83016867
2.029855	1.30332	57.49064048
2.028495	1.297335	8.191749276
1.59231	0.46199	0.448576793
1.3731	0.473215	8.825586897
1.635725	0.900275	8.626466907
1.32593	0	0.403359615
1.888845	1.1623	35.76870352
1.88059	1.15352	1.090822196
1.604035	0.830795	42.04131414
1.483045	0.663035	7.077843133
1.65241	0.904625	10.75781804
1.27578	0	51.96827265
1.602635	0.813775	8.103801384
1.72063	1.051795	17.80062606
1.69658	0.995805	45.43007708
1.69131	0.98118	3.560259099
1.66511	0.91326	17.69687902
1.34501	0	59.77014028
1.68891	1.084025	12.45634833
1.678105	1.04952	15.46663271
1.15058	0	30.40591592
1.54875	0.79621	0.961576232
1.79987	1.129315	31.99950038
1.6312	0.894785	24.12926401
1.70835	0.7817	0.295214803
1.598775	0.686185	25.4989514
1.63727	0.66661	10.95774895
1.92306	1.0505	16.01764893

2.170495	1.33424	5.550771802
2.167465	1.35909	89.22306904
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1.651405	0.9089	20.39872496
1.908295	1.1861	28.44381673
1.317345	0.11061	0.64482959
1.706155	0.83995	30.27056365
1.74943	0.842355	62.71546581
1.810225	0.90937	9.255920975
1.79061	0.957655	6.255702362
1.82603	1.003505	6.24156715
1.85977	1.154295	49.99875333
1.650145	0.887865	79.87430261
1.321425	0	70.75588397
1.970015	1.216605	76.01040948
1.6285	0.874185	20.6272098
1.242565	0	81.45902918
1.676405	0.90364	92.77574762
1.362805	0.38686	18.45813062
1.19775	0	3.942265183
1.60654	0.86477	7.470260045
1.70414	0.97223	23.57326599
1.890165	1.0847	36.42328379
1.665365	1.039245	56.36692036
1.67243	1.058445	9.843674412
1.811395	1.101895	34.96791562
1.80169	1.118105	40.03565732
1.73753	1.03202	22.65124173
1.551695	0.725745	51.35113866
1.756755	0.77672	1.698946385
1.747965	1.05392	28.76941533
1.71766	1.017785	9.645571515
1.72346	0.761645	22.47714467
1.801745	0.926505	1.196030318
1.88955	1.06746	51.50052016
1.898385	1.08325	61.05773271
1.932585	1.149995	55.67145491
1.61314	0.8028	20.05629891
1.66782	0.94495	30.54273077
1.24333	0	60.28513629
1.81699	1.122355	26.49469982

1.82631	1.143935	14.47168496
1.66332	0.88196	40.50635505
1.28926	0	25.82659392
1.642175	0.74261	2.221497364
1.791585	1.125195	0.427480584
1.806055	1.164385	4.154838367
1.80854	1.177425	28.11247167
1.787305	1.08793	17.49159144
1.715365	0.972965	15.08456364
1.690045	0.83058	22.56298648
2.002075	1.27799	61.48592214
1.803785	1.02086	24.04945465
1.874135	1.20697	33.04291315
1.87997	1.22153	3.15970253
1.87945	1.22593	21.33036316
1.155805	0	20.53183352
1.19114	0	16.47027998
1.16841	0	21.89838336
1.81677	1.129605	32.99620437
1.83281	1.09469	2.51163027
1.826185	1.08893	25.26059756
1.82194	1.084635	1.675751131
1.734575	0.898785	31.62438509
1.79292	0.921345	19.51868494
1.809015	0.9603	23.2822613
1.832475	1.01157	10.74033395
2.053565	1.30722	15.12619693
2.04968	1.3084	83.62943877
2.03918	1.299445	9.646557834
1.62597	0.921675	16.82670751
1.641415	0.91627	23.23339812
1.59873	0.809295	46.79980891
1.60952	0.81076	7.863982658
1.658665	0.820025	6.431341828
1.91298	1.244315	39.57412423
1.890335	1.15036	18.17750913
1.859605	1.11168	4.548797977
1.857695	1.108845	29.17071779
1.864245	1.12406	9.777614557
1.84941	1.110785	23.48991941
1.68096	0.90317	135.112819

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1.785205	0.973475	4.194045509
1.739455	0.92101	14.53438265
1.363405	0	87.08536163
1.9222	1.20766	11.68116125
1.845265	0.857185	23.94407106
1.85556	0.90347	4.637624981
1.577475	0.779875	10.78857127
1.604035	0.86611	9.493599065
1.424445	0.536085	1.075812181
1.755625	0.937595	39.65074447
1.862425	1.14716	2.267115518
1.868815	1.152925	7.011468038
1.87848	1.16258	0.051588855
1.88805	1.17112	21.39929209
1.92646	1.22323	4.611191088
1.82473	1.11653	4.940332107
1.830695	1.120575	12.36667214
1.777815	0.857	40.70216499
1.6215	0.617115	8.566206711
1.256245	0	7.669557245
1.65473	0.930275	33.62816098
1.693635	0.96267	33.52615652
1.78016	0.89788	16.97932651
1.60301	0.887145	0.423968549
1.644165	0.945685	53.31620379
1.661485	0.97242	5.403955399
1.31589	0.283475	2.719201095
1.730825	0.990315	12.74145736
1.29433	0	66.98755788
1.725275	0.850615	10.25149242
1.748755	0.940485	4.535894175
1.61608	0.80408	25.91568152
1.39982	0.485205	0.37754666
1.74214	0.90349	65.15506192
1.705135	1.091055	6.629925014
1.84295	1.066345	8.193891197
1.68265	0.826355	1.75982762
1.72106	0.898675	8.603853561
1.840635	1.017905	48.94264917
1.89499	1.11774	14.97748936

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1.72493	0.84399	1.098594943
1.296615	0.0986	9.484698593
1.775315	0.92337	26.58758102
1.653825	0.826605	58.5761322
1.87088	1.141115	157.4818911
1.880895	1.090785	32.43128283
1.65842	0.69497	6.3939798
1.79618	0.92263	5.790833765
1.455115	0.645665	13.30928852
1.647845	0.9594	24.28321772
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1.77456	1.145135	17.94972441
1.828465	1.10872	0.737251144
1.82499	1.115255	9.31322346
1.711925	0.84185	2.511513514
1.99278	1.2136	62.76377007
1.98141	1.19815	14.7629777
1.90504	1.045215	22.18087603
1.7262	0.87183	1.365331393
1.777055	0.93936	22.64360736
1.74412	0.85928	27.98681769
1.74537	0.900805	32.72377522
1.402345	0.54395	23.47076823
1.591905	0.762165	30.51973945
1.618885	0.828355	0.825921474
1.843305	0.99071	21.22922672
1.71941	0.743385	6.91206537
1.260015	0	34.52651601
1.207235	0	81.66630897
1.692005	1.02295	9.053033814
1.69594	1.04625	19.65880573
1.533855	0.85624	29.27135906
1.21783	0	34.71535753
1.714895	0.96713	75.11179705
1.78656	1.097085	11.67591524
1.816135	1.16249	32.45582342
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1.23204	0	28.04831213
1.74289	1.13267	34.67384704

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1.74399	0.974245	40.07119696
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1.43562	0	28.64124835
1.886735	0.94079	24.9613331
1.4603	0.337785	1.327235901
1.46529	0.634925	13.15778755
1.662305	0.75084	10.89576903
1.71273	0.90672	50.0456466
1.754255	0.927855	27.98953659
1.82822	1.10922	2.947102246
1.75839	1.12169	14.77459864
1.743515	1.08273	30.43542571
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1.741435	1.02956	0.13692684
1.234925	0	24.85982936
1.388875	0.372765	3.54877508
1.41699	0.410945	0.933161042
1.72156	0.973805	43.91548838
1.660025	0.83051	3.70331054
1.85628	0.992725	36.70424325
1.753215	0.91908	37.33270617
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1.82781	1.063395	61.60978148
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2.10311	1.32445	92.40105277
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1.7589	0.872265	0.707024993
1.750515	0.85535	1.640659776
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1.73125	0.833885	4.712095857
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1.76357	0.925455	0.982960736
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1.65708	0.996315	15.53253787
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1.14757	0	50.20119213
1.766405	1.081155	38.5802658
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1.391535	0.30549	0.276600289
1.817615	0.958555	13.41525924
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1.84464	1.083315	12.60972783
1.6907	0.947905	46.22308236
1.37614	0.426745	9.706976174
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1.845075	0.950875	58.21950451
1.830535	0.899145	6.37097369
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1.707835	0.83218	26.26721543
1.794245	1.045685	15.98004744
1.66686	0.81669	27.24681895
1.230735	0	11.02384064
1.401	0.5193	11.72759232
1.64182	0.88902	35.26326442
1.819225	0.966505	5.582961124
1.785015	0.926365	17.98971341
1.68751	0.82863	34.86781029
1.6988	1.038415	33.75547917
1.67657	0.982185	61.36898714
1.63541	0.876145	1.940171798
1.84697	1.017755	28.79795288
1.712005	0.9018	43.5288381
1.200515	0	17.81099103
1.266145	0	41.04215056
1.84815	1.104665	77.65194043
1.854125	1.127595	3.483691767
1.751205	0.94677	26.37356247
1.242595	0	48.79525855
2.01945	1.21356	8.013332047

2.022745	1.215035	45.21931557
2.020705	1.20725	0.341680919
1.6674	0.93812	4.173797318
1.7787	1.077745	74.76841829
1.27984	0	54.07893722
1.6394	0.812495	18.27678806
1.68583	0.82931	20.68083292
1.91833	1.196525	17.28658754
1.193565	0	12.03866389
1.85876	1.18243	53.25300659
1.85218	1.17471	72.09974463
1.8388	1.16102	23.29381339
1.57985	0.801475	4.544430663
1.707865	0.997615	32.54091869
1.69056	0.958645	36.20117029
1.71522	0.98044	30.23159695
1.727	1.01491	7.335069157
1.767645	0.898705	37.43745114
1.71168	0.96936	44.56751502
1.524275	0.778705	19.18837639
1.847595	1.068435	81.87949811
1.883585	1.110135	26.12337283
1.76318	0.991665	25.33430213
1.76538	0.988115	20.43290177
1.860075	1.07843	3.780930705
1.84279	1.076155	100.0831765
1.85198	1.031255	29.17938346
1.835185	0.99504	0.466647639
1.72777	0.804485	5.576313787
1.819465	1.08019	46.80971095
1.80986	1.080615	10.79270507
1.26466	0	34.98799964
1.71752	0.85763	0.300682458
1.77451	0.963705	2.662940062
1.83764	1.095305	107.101137
1.723825	0.83697	44.39231547
1.58867	0.763005	91.8899729
1.42455	0.552715	18.84603484
1.70768	0.79082	23.22949989
1.71032	0.787685	2.587516921
1.920925	1.228105	28.91436003

1.92451	1.22926	43.36523295
1.60168	0.7382	21.96980382
1.645265	0.84817	13.0043876
1.831715	1.14172	19.29077711
2.12896	1.310445	29.28104389
2.126395	1.30721	11.20533725
1.22028	0	43.16396405
1.90325	1.03352	15.12585413
1.911675	1.0738	98.7120176
1.918925	1.08515	8.709127013
1.395375	0.22888	6.854910701
1.590055	0.8589	14.97618913
1.214955	0	13.49780002
1.73837	0.97379	43.30923588
1.948135	1.13244	24.54587307
1.983915	1.192045	57.60647419
1.99041	1.200175	76.79561191
1.85701	1.125315	27.31029545
1.857755	1.13332	45.45673907
1.87613	1.17521	23.14007933
1.24182	0	41.41331157
1.753215	1.01564	1.94148839
1.76874	1.056875	29.87097509
1.66418	0.869155	3.235153476
1.66753	0.921705	12.37408587
1.733505	0.762145	1.502544243
1.812375	0.848965	11.21714631
1.831895	1.112405	12.51016504
1.819135	1.082545	20.17805629
1.638205	0.816095	55.70988817
1.821275	0.853785	44.39025005
1.54634	0.78466	25.08387895
1.78821	1.051755	8.935590563
1.672825	0.847265	13.87133089
1.230565	0.06894	0.860244623
1.19959	0	40.46605732
1.72891	0.89269	12.99671222
1.827095	1.114555	96.64954053
1.770675	0.96117	5.347139132
1.734565	0.918425	5.974266207
1.743855	0.899375	34.95593499

1.39521	0.34239	5.798420785
1.788635	1.10101	94.55615342
1.601755	0.80797	36.71504945
1.82163	1.10417	45.37388545
1.710635	0.90432	13.04405834
1.75917	1.05523	0.622753699
1.76724	1.070125	12.86848275
1.74459	0.832335	20.52922819
1.7818	0.930245	0.073259265
1.75078	0.973145	11.97046601
1.606695	0.81097	9.097486871
1.888045	1.154735	14.34465833
1.921025	1.25383	35.34368342
1.575305	0.78723	28.2145469
1.36626	0.46075	25.25836502
1.659715	0.88408	4.799572688
1.723755	1.039265	24.99969592
1.74125	1.08411	32.00728713
1.21624	0	9.091740043
1.67163	0.73372	11.47033419
1.650795	0.96799	29.88385579
1.728295	0.93498	1.745973311
1.76014	0.9899	9.604950182
1.42628	0.44125	20.21903521
1.25717	0	21.7496151
1.7633	0.845175	40.48429657
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1.74536	0.7946	5.213452799
1.79813	0.91008	34.47131805
1.186895	0	9.085925107
1.56763	0.758225	9.376781105
1.254945	0	6.499450144
1.84243	1.0971	26.88332296
1.77723	0.940905	13.13306115
1.6713	0.808305	10.16778824
1.265935	0	36.39744118
1.63944	0.982045	5.359968441
1.53894	0.752495	23.49870638
1.61808	0.783055	15.84396413
1.865525	1.133095	85.84864162
1.64243	0.835655	14.26518051

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1.86925	1.031095	62.13904814
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1.68718	1.015695	24.97238895
1.422805	0.282015	122.1709402
1.419155	0.587595	64.79228411
1.75414	0.882065	7.85824354
1.9976	1.23335	52.4247633
1.997645	1.23764	1.093143623
1.99843	1.239315	10.80182674
1.99562	1.238685	14.28541746
1.992975	1.238295	17.15693963
1.990275	1.2397	63.77528905
1.985965	1.241815	3.704556789
1.71002	0.861545	0.536675107
1.660355	0.79984	17.64188034
1.77114	1.06889	60.63198286
1.817775	0.95535	17.63115809
1.800555	0.913945	11.8430164
1.674595	0.823795	23.72010285
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1.64476	0.954855	20.07278113
1.641035	0.971875	26.67939445
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1.232645	0	87.83639345
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1.759165	0.99123	24.8317289
1.69054	0.79119	0.186919046
1.523335	0.55749	4.114331529
1.28338	0	9.632746307
1.911405	0.963275	15.17235469

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1.494195	0.66443	20.24226756
1.6718	0.9193	20.01930745
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1.64098	0.76269	16.80804669
1.66179	0.83446	0.653476748
1.69131	0.95356	34.083261
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2.07754	1.30872	36.20759013
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1.62019	0.81986	12.65157522
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1.59964	0.8301	18.8099511
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1.704925	0.919435	21.97790399
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1.707085	0.982125	30.46894215
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1.79989	0.8456	29.47272934
1.7536	0.99432	10.76220534
1.934805	1.20402	26.86903941

1.905545	1.146365	1.595464964
1.73868	1.04776	23.75291319
1.569895	0.78075	0.54267106
1.57063	0.838525	36.95692371
1.74927	0.983675	63.85080067
1.763005	0.900315	34.03714675
1.43964	0.377495	30.12221178
1.340695	0	35.88713564
1.672295	0.8848	50.25676182
1.766255	1.02105	2.767982307
1.738775	1.01584	4.351055243
1.766075	0.926095	10.61240351
1.73077	1.02293	27.01354691
1.16021	0	33.6510036
1.619675	0.785455	5.401539622
1.82532	1.06804	67.55443287
1.75723	0.964125	18.78332583
1.76572	0.98503	3.669673698
1.74137	1.13906	36.74767225
1.737035	1.134585	29.4919957
1.38249	0.125035	10.40151325
1.82088	0.89946	35.67180692
1.707165	0.893485	31.97230121
1.773985	1.061585	0.772825944
1.76739	1.046595	4.157502267
1.749345	1.002115	2.937410146
1.18454	0	31.81618122
1.22667	0.13043	0.350588662
1.15549	0	2.746253797
1.80782	0.98288	26.05116
1.615945	0.9375	13.52410498
1.55258	0.751365	58.75630193
1.58973	0.80273	0.264282046
1.56627	0.810475	7.585169756
1.31953	0	33.44510265
1.812285	1.00508	8.685225187
1.765905	0.896005	0.738667733
1.6546	1.02808	18.17891656
1.94431	1.212305	41.36709764
1.93866	1.20504	7.00389253
1.839485	1.090825	12.19696107

1.57038	0.619175	0.009202174
1.715205	0.894835	32.3236753
1.667045	1.07006	36.46032816
1.65638	1.0356	1.105759802
1.637075	0.973855	71.3743148
1.345445	0	70.01142415
1.23093	0	34.76029822
1.19856	0	19.13462098
1.682425	1.02103	37.83937199
1.60406	0.820535	3.792218476
1.941545	1.09593	18.72419504
1.620685	0.718625	1.030443186
1.74026	0.90116	19.88629954
1.711065	0.95343	11.34932524
1.75789	0.98593	63.14492413
1.446525	0.70067	20.20507107
1.938415	1.24659	16.64321111
1.93616	1.246285	7.385494547
1.68778	0.830485	9.335963333
1.69142	0.98533	10.45334893
1.539155	0.62933	23.29558798
1.636325	0.78225	4.050990133
1.62246	0.81345	19.88417719
1.67493	1.059775	45.87412567
1.6119	0.74476	15.47820944
2.213495	1.38477	57.84705722
2.230725	1.38495	160.1879091
1.71351	1.044165	0.760623094
1.68378	0.918945	19.29025772
1.7966	1.039495	14.66065151
1.297625	0	2.934008638
1.291355	0	152.8388133
1.734605	0.93421	66.87367739
1.77428	1.07822	75.32077671
1.76557	1.048375	48.51692051
1.207445	0	51.85482436
1.272505	0	63.74958111
1.74368	0.891905	61.22276242
1.59247	0.7222	2.433563644
1.4345	0.51749	36.86887043
1.69477	0.75485	42.41443561

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1.65665	0.70962	1.520677743
1.917725	1.17982	80.98392386
1.82526	0.907755	1.962584179
1.790745	0.84827	2.869960753
1.471265	0.1788	1.446795003
1.705275	1.002205	33.53845907
1.82242	1.10979	53.1327369
1.93641	1.185545	49.87182576
1.929425	1.179195	15.96092608
1.244345	0	57.66383773
1.794745	1.071825	9.881847467
1.760335	1.14123	40.43794366
1.753835	0.99891	17.12713323
1.670495	0.824415	55.20966194
1.708465	0.83464	37.12514197
1.834905	0.981705	20.23277214
1.76957	0.910975	21.42919626
1.236145	0	9.961560637
1.9807	1.221885	4.21401462
1.98137	1.22504	2.133232536
1.98193	1.22413	43.15189902
1.867905	1.06499	45.92899419
1.25524	0	68.46930004
1.657085	0.84158	92.06173252
1.833195	0.97226	117.5061679
1.74281	0.919245	27.56506908
1.725375	0.987515	15.04379411
1.550895	0.787965	59.91519966
1.71182	0.77308	1.597460109
1.78836	0.85683	16.70518135
1.80035	0.976355	33.60998691
1.316755	0	1.273195476
1.54703	0.758715	23.59709704
1.65276	0.61549	5.942996511
1.723585	0.78037	7.195322686
1.86709	1.076165	8.359004163
1.797675	0.88601	6.260938926
1.7271	0.71069	91.58896794
1.79966	0.911535	47.55334615
1.256615	0	19.67095861

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1.869435	1.070125	1.442127546
1.85947	1.05586	39.82297492
1.57222	0.79635	5.247581981
1.294945	0.32123	19.59327082
1.640285	0.91471	21.62773317
1.29119	0	31.96483638
1.697215	0.80763	14.94617361
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1.76557	0.844095	25.28513351
1.771275	0.850715	36.53625974
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1.72202	1.088175	12.64206117
1.94846	1.260295	141.1566549
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1.938875	1.18932	20.97261943
1.93885	1.186485	15.12127493
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1.31166	0	49.13225026
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1.73233	1.026355	31.3712989
1.698725	0.825505	42.48504526
1.868115	1.176495	1.276226971
1.86735	1.185855	74.59613971
1.6343	0.76311	0.269104924
1.73718	0.982235	49.18620216
1.872755	1.23597	15.04410773

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1.373945	0.24978	1.502209706
1.688685	0.90287	15.7939782
1.352685	0	41.12723971
1.232165	0	70.59408586
1.75476	0.95463	21.99828402
1.370645	0.250955	3.303625151
1.75233	0.99531	16.11481865
1.758865	1.02434	44.62656301
1.76979	1.048025	29.80312952
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1.80193	1.08607	9.109483018
1.80246	1.1357	88.0627431
1.798595	1.132525	0.026644324
1.80943	1.0116	43.37888742
1.61864	0.719385	4.1239788
1.84282	1.17235	34.09832152
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1.7378	0.89979	30.64318367
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1.7142	1.06371	62.00893899
1.951475	1.211715	78.35334517
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1.71005	0.94242	78.48200203
1.663165	0.812985	56.05089029
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1.59119	0.89018	17.47530095
1.622875	0.88377	109.0881789
1.3931	0.50293	0.742861796
1.27618	0	74.03047263
1.78348	0.89336	27.62689091
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1.61752	0.811005	8.718124432
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2.06131	1.30138	200.4496271
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2.060525	1.30591	3.980818071
2.033345	1.262345	123.178496
2.02528	1.245735	9.891205878
1.881405	0.93952	2.063892487
1.246875	0	87.50828727
1.51583	0.72643	0.068098826
1.669545	0.942995	26.77476765
1.786435	1.094615	31.19902215
1.75872	0.95209	5.45009098
1.76799	0.972605	4.239428642
1.641065	0.930775	19.45486312
1.58732	0.801175	4.241467446
1.74705	1.111295	27.1184848
1.421985	0.51985	2.156500058
1.592535	0.739395	3.371488099
1.38853	0.44469	19.17613656
1.33699	0.247665	0.966495304
1.60808	0.741765	7.581472177
1.14271	0	12.0142023
1.271785	0	16.22476528
1.738055	0.839015	44.28463821
1.658585	0.843905	10.0588947
1.1927	0	21.07961864
1.263925	0	32.36511085
1.64146	0.759845	5.374814301
1.173775	0	10.89106064
1.71359	0.84802	1.202465509
1.752135	0.973365	20.38369362
1.71548	0.92534	0.016810711
1.59885	0.915315	17.73869993
1.72161	1.072385	12.73861598
1.807295	1.08099	1.341278621
1.750165	0.950245	40.3681867
1.250435	0	13.45326783
1.992885	1.26092	70.11653302
1.997375	1.27062	13.23450793

2.007275	1.277345	67.19242642
1.449835	0.547195	10.93421394
1.75825	0.903295	9.032407595
1.92557	1.2452	18.82242032
1.9261	1.24366	0.93067555
1.928395	1.24095	29.29735008
1.87598	1.12749	11.66889862
1.85907	1.09206	68.18251265
1.85279	1.08507	49.22512725
1.8284	1.01014	22.6421664
1.629345	0.92677	20.11917928
1.88271	1.11105	33.01976066
1.889655	1.126925	71.40979234
1.736155	1.044475	0.04370286
1.733205	1.037825	12.40093244
1.714595	0.9968	9.434474082
1.73009	0.83168	15.79735636
1.71193	0.829155	14.38345905
1.6853	0.70726	11.37005878
2.1333	1.31173	56.61071698
2.128265	1.295305	75.02901666
2.13778	1.29508	93.61870231
1.15178	0	32.90438618
1.56132	0.581825	6.513069261
1.717205	0.78484	6.88776944
1.8028	1.109495	26.00411817
1.76119	0.887475	3.639503336
1.342035	0	39.996557
1.533485	0.754065	1.226242863
1.62218	0.853565	53.28635537
1.803205	1.0571	41.7573661
1.839475	1.162295	83.67944614
1.84715	1.19785	14.92693301
1.368535	0	14.04927805
1.703375	0.82467	16.57483819
1.54285	0.489645	22.82981578
1.685375	0.88533	14.24408388
1.244315	0	28.97914739
1.62044	0.96145	13.15396957
1.63944	0.99441	40.32891056
2.120535	1.21289	632.772095

2.065215	1.1402	1.349578016
1.97	1.09614	51.97831662
1.973735	1.121825	19.18206855
1.759515	1.07088	72.3017701
1.707015	0.998055	3.184105592
1.88081	1.18248	45.78385414
1.70351	0.86261	20.88219316
1.65665	0.886045	17.96318896
1.78456	0.92602	15.49284256
1.29642	0	40.14252466
1.53309	0.75614	7.220352353
1.904795	1.117955	2.983948024
1.90978	1.13443	5.912131913
1.970615	1.27199	33.34098097
1.649455	0.94228	28.9804378
1.191165	0	37.47949529
1.576425	0.96582	10.35025945
1.57097	0.95209	22.49445648
1.93919	1.24619	52.38733888
1.9389	1.24587	30.69867744
1.65007	0.815215	12.06018269
1.7482	0.97887	16.90817651
1.727555	1.028535	3.999228081
1.73327	1.029045	17.69005395
1.707375	0.967945	4.384160586
1.253855	0	25.21829885
1.45692	0.67472	12.16668623
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1.6309	0.80954	42.22045322
1.64269	0.84361	19.33384779
1.34922	0.343475	4.08147841
1.432235	0.496935	5.116936639
1.60499	0.824825	4.117240243
1.649875	1.006655	31.03218033
1.536975	0.783765	9.001723613
1.88561	0.90316	56.55586091
1.315375	0	15.01297802
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2.14137	1.289985	8.065845243
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1.66958	1.03771	45.2900715
1.41565	0.427535	1.727428044
1.683725	0.903685	24.72721824
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1.934555	1.17839	33.45159923
1.7037	0.769265	1.686778483
1.87011	1.045915	13.275792
2.044475	1.252455	39.9648055
1.641855	0.904165	13.38508189
1.496385	0.683535	38.28620133
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1.25938	0	14.46979394
1.73518	1.099065	3.248643817
1.745605	1.109895	86.75536397
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1.60551	0.75574	28.31831103
2.0012	1.244235	2.198734859
1.995325	1.242785	55.73221423
1.989375	1.23997	17.59714824
1.917475	1.14771	58.45810436
1.812545	1.15465	15.6516198
1.686955	0.85937	0.661149983
1.98667	1.225075	16.61593803
1.986105	1.22091	36.58631956
1.41061	0.40253	2.831313267
1.811915	1.022475	0.751187414
1.79256	0.967605	19.01333494
1.34478	0	38.59199513
1.81827	1.135365	24.87818785
1.81631	1.12464	41.27596409
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1.909745	1.14541	21.10412344
1.91651	1.164475	11.50500976
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1.698325	0.900735	9.509837647
1.745955	0.906415	3.35581455
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1.55592	0.71588	28.84663845
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1.19789	0	29.54640413
1.608255	0.80725	39.71031875
1.19685	0	18.99534491
1.41923	0.477115	26.85299533
1.781315	1.10986	23.89435581
1.31593	0	27.38612627
1.83054	1.070375	23.61669981
1.69446	0.98148	57.74666708
1.67959	0.860135	0.087108264
1.73288	0.99091	15.87245216
1.875365	1.17896	39.87206857
1.877685	1.171945	36.24611648
1.87532	1.156485	18.18952597
1.874355	1.144865	9.704276919
1.422725	0.564835	59.76609265
1.633745	0.731355	33.60084078
1.738155	0.81694	14.26356964
1.66267	0.7882	90.93554616
1.318375	0.31816	18.55671928
1.48088	0.701725	14.84876315
1.202345	0	20.14934367
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1.797685	0.98412	82.03792475
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1.6834	0.890005	15.47005357
1.87749	1.14371	28.88579936
1.232365	0	15.47522519
1.346125	0	1.253448559
1.7432	0.781725	35.95566781
1.80688	0.95162	38.94262066
1.79108	0.91834	17.73231403
1.91006	1.08351	66.8457831
1.90169	1.07111	3.054925637
1.74475	1.089	39.65302032
1.668835	0.978785	21.83799274
1.75134	1.02386	17.83687162
1.69026	0.829645	36.79922219
1.770915	1.076715	20.91422191
1.5754	0.80332	9.731198347
1.600555	0.803035	36.60723803
1.25572	0.189995	0.837562327
1.221575	0	32.27675515
1.62484	0.813365	15.530812
1.778415	0.958045	111.4604311
1.56153	0.79229	51.72413362
1.76405	0.989435	58.85213711
1.28752	0	31.24128316
1.79676	0.960055	3.932679804
1.50257	0.67261	34.48332562
1.496555	0.607515	9.27473789
1.918385	1.214565	5.071659297
1.934745	1.2276	22.48461444
1.54993	0.731985	25.66664674
1.552285	0.74933	61.58368888
1.36236	0.2697	1.173470545
1.73107	1.019725	35.35974864
1.670895	0.922325	61.99343233
1.66803	1.013625	6.451968781
1.605445	0.80917	13.28056216
1.468255	0.62672	0.302647071
1.901845	1.12366	81.29012346
1.906295	1.12424	21.92517461

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1.76356	1.027595	21.55476136
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1.705005	0.999025	8.753081215
1.625165	0.925475	47.0960253
1.751425	0.84213	23.64057273
1.415985	0.341325	1.337273599
1.28284	0	26.98554665
1.635785	0.93262	27.40739312
1.390765	0.45271	4.961939666
1.82908	1.07949	21.29120484
1.5984	0.90078	8.717528081
1.81263	1.089065	34.49776942
1.79637	1.042785	5.811010427
1.661545	0.94052	13.11567526
1.874875	1.153875	107.3540137
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1.674245	0.82192	0.571110374
1.709485	0.903235	26.51659276
1.632395	0.96298	36.54932086
1.958725	1.20302	42.41733003
1.95841	1.198665	16.63364076
1.958655	1.195755	9.566942077
1.95684	1.189575	19.48048413
1.53998	0.662385	14.57195511
1.671335	0.783205	5.415858497
1.783365	1.01452	9.758297444
1.772155	1.001095	43.5272485
1.802975	1.118945	20.609315
1.694855	0.943255	2.259216364
1.685655	1.04397	31.21780578
1.5331	0.48291	1.114894637
1.776315	0.86002	20.42292943
1.708275	0.83136	40.36231847
1.635035	0.821885	14.2783429
1.6137	0.810525	1.412674546
1.66994	0.953095	8.198401317
1.35435	0.156055	1.040794912
1.287225	0	47.07931336
1.751865	0.898235	32.19816795
1.86509	1.14943	17.21679389

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1.85352	1.142665	42.51706073
1.84424	1.120915	2.10913152
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1.737225	1.030495	40.90983009
1.751405	0.961485	25.15945313
1.720235	0.93382	11.96531543
1.339525	0	15.6175973
1.743575	0.989485	2.338863244
1.721755	0.93982	6.532385557
1.675645	0.83399	25.9971187
1.60249	0.734205	9.571051049
1.75965	1.11888	1.706022335
1.762195	1.127265	5.485892379
1.68378	0.887855	6.237994653
1.59655	0.79783	0.914476135
1.759915	0.97951	32.22069141
1.75058	0.94488	2.625602059
1.28777	0	29.89229774
1.59054	0.718655	4.471043933
1.97369	1.2782	73.35341963
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1.76368	0.877795	35.16118991
1.712595	0.986275	52.52793902
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1.777085	0.98253	9.202539983
1.870165	1.165955	100.3771687
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1.59089	0.798255	23.48322913
1.91507	1.20759	3.343606861
1.85453	1.100645	213.5913214
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1.768195	1.02854	33.09531825
1.79657	1.053155	6.512384677
1.80549	1.05947	34.12468711
1.663005	0.8913	23.89725362
1.25058	0	112.5397652
1.42132	0.508005	0.517449214
1.768275	1.03688	45.97537561

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1.743345	1.012095	15.67724628
1.6412	0.866185	20.78390832
1.78649	0.95225	0.132397621
1.770165	0.912655	17.91828438
1.284215	0	38.98352973
1.57489	0.79421	2.530817691
1.62598	1.049505	79.14734432
1.47149	0.69707	7.313184611
1.720735	0.830875	5.305640363
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1.68987	0.889185	22.26357466
1.792995	0.96586	123.7553929
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1.664885	1.031695	19.89972556
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1.223525	0	27.56860557
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1.313665	0.29304	13.88946431
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1.680805	0.9589	8.288908209
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1.57602	0.857395	16.02531948
1.58041	0.92309	62.9921047
1.499255	0.702785	1.069681751

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1.67104	1.02712	42.5252788
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1.248575	0	8.084651415
1.460655	0.343975	6.961580482
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1.637215	0.919575	4.191891131
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1.24105	0	33.84392113
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1.751415	1.062465	65.38439002
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1.83453	1.088965	82.66952139
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1.696345	0.870225	0.093865116
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1.7893	0.893025	3.109892688
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1.79232	0.99864	21.92499356
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1.60137	0.80882	17.71706148
1.68125	0.96408	23.54402416
1.71715	1.004555	25.12367498
1.694345	0.75633	40.82036371
1.43031	0.673515	15.10352376
1.849015	1.18258	27.61942916
1.66437	0.963145	62.86775665
1.266955	0	18.46823242
1.861675	1.07078	1.980504949
1.83871	1.06638	16.86162428
1.79305	1.03652	12.39103927
1.781215	1.020745	3.432177451
1.48016	0.68346	98.29349381
1.49231	0.55601	7.02840086
1.694785	0.870845	1.782829753
1.76758	0.98525	0.792564577
1.778085	1.003265	36.86598421
1.767125	0.985975	1.053035554
1.909575	1.140265	42.90059187
1.911875	1.143545	5.218820192
1.72805	1.05488	28.6149196
1.718225	1.03172	21.80647
1.702865	0.967305	24.15717329
1.2547	0.207725	0.001640122
1.453365	0.62173	28.34472088
1.307475	0.17048	13.98395429
1.89509	1.16909	30.70879578
1.857655	1.18222	35.26248171
1.83413	1.177355	56.6527128
1.24807	0	39.36921981
1.776345	0.89898	30.0581497
1.8509	1.071385	22.54572612
1.72869	1.011125	39.25745296
1.520465	0.74585	7.062845382
1.238725	0	145.2153375
1.670055	0.924805	21.66597525

1.677035	0.926255	20.72351923
1.68427	0.803305	15.97767521
1.215665	0	10.73966029
1.60433	1.00423	7.015252875
1.55873	0.78711	11.07445375
1.78728	0.91026	5.199391045
1.80552	0.951265	22.57727045
1.738115	0.869405	8.417746086
1.24618	0	13.5684814
1.661205	0.73095	1.392421247
1.953275	1.22694	22.89963904
1.950025	1.221665	1.497276264
1.949985	1.22595	1.472185437
1.951615	1.229365	18.92546442
2.039	1.298745	77.59979026
2.05232	1.29554	20.29447105
1.33639	0	42.83982303
1.612235	0.741945	16.10133225
1.88178	1.05255	26.56390926
1.82785	0.783215	2.035646792
1.89762	0.99966	12.28443155
1.89897	0.977775	9.121519317
1.70914	0.829075	50.92300328
1.838315	1.12567	11.67549522
1.146975	0	28.80534631
1.778015	0.97821	5.479788946
1.767595	0.91297	65.83676997
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1.83297	1.053505	16.98531126
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1.82282	1.05386	47.77230463
1.901675	1.184045	30.54152464
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1.22903	0	22.78501604
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1.62917	0.77967	0.205221953
1.625825	0.804505	13.23643088
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1.66125	0.821375	47.33749031
1.64655	0.856145	0.923668257
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1.747325	1.0051	13.08119644
1.81197	0.912455	22.98291216
1.166735	0	37.39219237
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1.636375	0.91459	14.85469016
1.62783	0.932465	11.12728317
1.67807	0.82609	10.28497614
1.85977	1.025805	20.44730501
1.875705	1.06692	3.039847359
1.72122	0.797765	10.98533597
1.854845	0.951415	9.493563024
1.228535	0	49.00445362
1.73355	0.837245	24.60333845
1.70121	0.827845	14.43927616
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1.80851	1.020815	31.48598585
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1.993145	1.250975	3.097697328
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2.00727	1.277025	77.56753997
2.007355	1.277625	68.30832968
2.02071	1.30764	50.49600462
2.017885	1.310375	170.4577981
1.867335	1.108365	7.958804093
1.867685	1.117465	37.92346619
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1.77359	1.096945	1.675725139
1.79812	1.00502	0.741124901
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1.926105	1.22763	1.620736439
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1.738185	0.962455	0.163654668
1.7306	0.955485	27.34195049
1.63859	0.749055	7.307933554
1.660145	0.794165	0.179866756
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1.16567	0	23.88921089
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1.702265	0.95183	20.81129153
1.53468	0.52369	2.205963032
1.792085	0.95238	20.8734471
1.87599	1.184795	168.7895609
1.87056	1.155675	36.34551699
1.72464	0.836625	18.53857247
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1.69686	0.960595	15.42139545
1.72362	0.831815	35.06011132
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2.067295	1.308955	16.72724172
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2.06361	1.30836	49.07317606
2.07285	1.314265	117.4700896
1.96949	1.169135	220.0489097
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1.7279	0.779905	55.62274986
1.3329	0.30654	2.487252309
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1.624525	0.944925	75.96404013
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1.697075	0.977715	22.84327404
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1.73823	1.08535	12.79226116
1.858255	1.077905	1.421986376
1.922555	1.19471	72.7332321
1.92237	1.19586	5.672130327
1.82621	0.976015	93.33784256
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1.22265	0	45.85166209
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1.21367	0	38.41777841
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1.89568	1.17036	10.85170213
1.894635	1.1824	29.59557187
1.23466	0	14.40434788
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1.99129	1.271845	33.78832554
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1.823165	0.997125	4.5288253
1.843335	1.04904	58.22955164
1.85666	1.076345	28.33579784
1.86722	1.10373	41.31126427
1.789875	0.942115	40.43463101
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2.199365	1.3983	78.9546269
2.19207	1.39492	56.59274318
2.188405	1.38338	69.19730054
2.18247	1.37458	4.453863736
1.66978	0.917745	11.49046685
1.651425	0.779785	14.09975664
1.680095	0.791995	50.41619432
1.59371	0.625775	3.289905755
1.75579	1.06194	5.282144694
1.743225	1.030355	59.16014992
1.729615	0.994165	0.992345126
1.90948	1.13664	62.87086287
1.70094	1.094955	1.441612989
1.707115	1.104045	16.78652314
1.604345	0.808175	18.76811624
1.599345	0.807885	10.65457691

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1.839195	1.13401	51.4050245
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1.76016	1.009795	23.14464864
1.944285	1.14124	43.47873262
1.78192	0.84651	53.33684445
1.760305	0.940555	46.58131867
1.20413	0	32.49302396
1.556645	0.929575	24.50608111
1.424245	0.496305	0.339051648
1.69943	0.96548	23.89880126
1.302365	0.190445	26.91728441
1.616685	0.906395	7.432621574
1.643055	1.01209	9.713749443
1.62107	0.86158	9.301191469
1.60707	0.81012	14.0082419
1.118025	0	53.56030137
1.248755	0	39.92890083
1.63329	0.91004	15.43824749
1.74756	1.03496	18.42631104
1.696545	0.87889	48.57824589
1.6577	0.820155	21.76361992
1.33416	0	26.20684928
1.75251	1.01024	13.33164677
1.654735	0.940915	8.300018252
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1.80041	1.117015	17.43874091
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1.616755	0.92991	25.41543691
1.23655	0	13.06535436
1.61919	0.813905	18.89583288
1.36095	0	55.7586311
1.602905	0.805445	9.011811265
1.427445	0.593765	4.525543912
1.760785	0.902655	25.09670929
1.764685	0.84017	1.779069682

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1.306145	0	41.73914239
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1.66913	0.875175	137.888333
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1.58091	0.82367	3.791692229
1.17221	0	35.64189921
1.75584	0.904285	4.493821583
1.807955	0.969195	26.05403297
1.768495	0.95285	1.700079625
1.912385	1.281535	58.32353878
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1.808815	0.852525	28.63761239
1.7051	0.82634	28.75306167
1.71861	0.96478	9.909813051
1.72843	0.98844	5.011958796
1.767345	1.07585	15.87835721
1.76471	1.031135	22.63173108
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1.88282	0.976715	27.14078858
1.95581	1.218265	51.43394716
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1.64627	0.875905	8.521416949
1.24307	0	27.09675982
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1.66769	0.79959	16.14223797
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1.67669	0.831575	14.61107456
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1.83059	1.151465	30.13699283
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1.726905	1.023485	67.8632085
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1.663675	0.928955	0.387200516
1.93446	1.03649	60.93219164
1.275255	0	1.153268629
1.879975	1.1512	20.29686185
1.87524	1.139765	2.038168786
1.301955	0	16.85380795
1.766545	0.89706	107.0456799
1.7027	0.94952	25.48996047
1.24579	0.06816	5.905236692
1.2779	0	41.43999626
1.65418	0.93598	35.29058229
1.65944	0.9097	2.490786927
1.50488	0.63367	2.842902152
1.623015	0.758615	7.666703397
1.636815	0.79047	10.95927464
1.523245	0.617955	0.536677677
1.66284	0.934405	5.711755024
1.72466	1.086875	8.674842144
1.73046	1.1024	10.85530742
1.77015	0.684675	3.038186756
2.10521	1.33448	47.59003261
1.693925	0.99878	52.21996905
1.70303	1.01923	6.1895706
1.23186	0	12.57587612
1.67596	0.982425	11.3120788
1.712445	1.052965	97.71153438
1.74035	0.944495	43.15395196
1.732315	1.06045	3.247174601
1.805745	1.144045	16.9698706
1.813525	1.150755	45.20975382
1.59221	0.899705	30.89311829

1.73189	0.700705	65.61202358
1.68905	0.691065	2.875377174
1.568465	0.77468	10.22406934
1.1501	0	29.88549566
1.20108	0	32.89610686
1.610555	0.81321	11.64219612
2.027935	1.26414	42.68436583
1.934535	1.261475	48.32957582
1.759245	1.02929	28.38867156
1.303875	0	22.24999381
1.674415	0.80556	16.93461803
1.63703	0.816835	12.50877059
1.18455	0	8.145792962
1.67355	0.91613	17.90231986
1.568405	0.898945	24.89274304
1.705605	0.82832	33.07652494
1.23762	0	38.2020838
1.773105	0.913905	12.81994692
1.242135	0	39.09472665
2.028	1.23912	41.87386099
2.08689	1.22906	3.842967765
1.856745	0.86495	90.81660139
1.764115	0.91168	24.23169904
1.75374	1.06973	14.16605069
1.707805	0.78376	8.310281413
1.69154	0.83055	27.49746739
1.89443	1.254705	78.38304075
1.20329	0	12.6361392
1.25572	0.17571	4.816840136
1.664605	0.749465	42.80711344
1.65757	0.82044	16.96927108
1.61395	0.87988	8.296596676
1.69677	0.87736	8.848509989
1.716605	0.909435	8.461988245
1.625195	0.752385	1.5580895
1.94963	1.299435	9.615354523
1.933695	1.291885	38.93024334
1.91831	1.287355	48.98313369
1.312105	0	29.40682727
1.78656	1.131815	57.40466598
1.830905	1.108965	2.154131549

1.854	1.13926	3.927578117
1.86069	1.14104	50.45040556
1.54487	0.808435	1.252157347
1.727465	1.069455	27.45612384
1.768095	0.929655	26.1553039
1.744075	0.90859	55.98215182
1.632635	0.76173	0.097935897
1.2815	0	44.26600543
1.704205	0.89056	2.059486841
1.745955	0.998385	31.58461691
1.818305	1.068875	9.742200956
1.77002	1.081435	0.302248655
1.76585	1.07777	42.92372666
1.596815	0.806575	40.29683042
1.720795	0.921975	46.82192898
1.150825	0	20.78300373
1.645055	0.81654	31.53092768
1.65432	0.726625	106.4739793
1.781195	0.849295	29.96177393
1.563735	0.939785	35.26665352
1.823225	1.1416	32.07765726
1.782745	1.0937	33.8984905
1.73621	0.812095	1.255121707
1.629025	0.841685	41.27023758
1.65331	0.709905	120.4530863
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1.221445	0	4.787750984
1.722885	0.834795	51.79167399
1.63988	0.999195	42.89193293
1.65675	0.709185	14.01004158
1.971285	1.30432	4.276711168
1.96777	1.300745	97.21998488
1.768255	0.90371	10.61839869
1.81182	1.08673	10.84634909
1.26725	0	62.49689767
1.680025	0.8233	7.239014201
1.815225	1.194475	154.6297976
1.449815	0.547105	28.32309152
1.735735	0.98222	12.6212927
1.670325	0.81971	60.61518429
1.76831	0.91244	10.75192459

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1.67025	0.782115	2.01425524
1.850965	1.10741	67.31355516
1.844725	1.099135	7.622089957
1.812075	1.05596	5.02969584
1.768665	0.971415	34.02640175
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1.89308	1.145195	25.56458282
1.797565	0.92466	1.322192984
1.616375	0.808635	14.46618073
1.61968	0.81174	7.362681691
2.02316	1.291945	29.01531716
1.8845	0.97888	10.25819694
1.76558	0.757675	3.669895838
1.74112	0.95705	132.3829953
1.73495	0.959205	17.92702913
1.76113	0.974755	8.516733601
1.958825	1.10421	0.48426122
1.967135	1.13109	36.40200739
1.97283	1.132215	37.17227533
1.94534	1.03542	58.44583669
1.19437	0	22.68201185
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1.897185	1.15635	54.63360325
1.89783	1.17124	45.507257
1.25839	0	85.83192539
1.633315	0.762095	17.56697983
1.80519	1.095585	19.95238899
1.67928	1.001075	2.080197684
1.673015	0.999455	31.464692
1.55596	0.71315	6.572676838
1.82741	1.019235	47.92480792
1.854165	1.03546	21.92261465
1.846115	1.012365	24.05371836
1.85904	1.02224	19.78931567
1.863875	1.026585	1.599937115
1.622185	0.864915	32.54775031
1.616685	0.82222	4.909613452
1.704835	0.953625	20.95413378
1.78034	1.10101	20.44145379
1.638065	0.797315	0.329646022

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1.57918	0.820535	5.87286413
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1.762975	1.06706	58.5337507
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1.816755	0.994755	68.0634377
1.84833	1.043305	17.5677645
1.690775	0.98874	22.8301323
1.3537	0.405995	22.28024477
1.723415	0.954605	11.60256037
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1.743865	0.937095	24.69731189
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1.675915	1.09563	6.794770202
1.67923	1.09557	37.10631022
1.67444	0.8874	40.18427317
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1.84227	1.159305	6.425931713
1.85334	1.184025	9.069102016
1.55349	0.757015	0.910871368
1.701575	1.03719	8.961033848
1.71945	1.06155	16.88633646
1.72515	1.070925	22.78923968
1.95169	1.080175	60.51410654
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1.41629	0.509525	6.957327235
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1.697505	0.984345	37.66423295
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1.72555	0.85513	78.11966134
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1.84997	1.044985	7.181699275
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1.912915	1.209405	11.14826941
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1.820995	1.044235	11.47019768
1.812065	1.046755	43.21309921
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1.61033	0.821935	23.25877306
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1.80515	1.029205	31.7929064
1.613725	0.74359	9.960504096
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1.6822	0.842075	22.98495885
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1.721575	0.841555	37.52261621
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1.8695	1.03464	19.49965772
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1.85173	1.093635	26.28266022
1.852755	1.10706	22.31358616
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1.730185	0.89798	64.46011132
1.58966	0.860095	26.85609586
1.62796	0.93433	8.058162958
1.767465	0.91144	0.274291104
1.80801	1.001435	55.11885979
1.81717	1.018555	27.02888106
1.517675	0.469165	7.150093046
2.087835	1.2661	28.50017436
1.775705	0.813665	0.464245561
1.9214	1.088315	26.84370065
1.840145	1.214565	54.94842672
1.587	0.856985	7.485548124
1.5963	0.861525	36.81068072
1.76124	0.980955	0.118750537
1.75584	0.996115	11.42741007
1.70167	0.938875	1.915521446
1.742425	1.011695	11.24871172
1.79178	1.076215	17.02345008
1.41072	0.66749	18.59320349
1.57453	0.84503	29.95070406
1.65965	1.05665	12.85201593
1.56135	0.82126	19.61941767
1.72941	0.947355	24.83217887
1.886485	0.928515	43.71494142
1.448765	0.141335	1.016949183
1.6052	0.864425	14.7021013
1.299415	0	30.56932854
1.243825	0	12.23279047
1.67656	0.874675	12.32520093

1.54972	0.59391	4.079733836
1.54997	0.66194	46.35586095
1.70146	1.04784	25.39182859
1.61803	0.86866	31.13596169
1.239615	0	18.85133249
1.780255	1.03583	6.827875713
1.79999	1.011285	17.946537
1.822725	0.993185	41.76413452
1.852625	1.060615	44.99512114
1.659395	0.82141	55.42448981
1.674725	0.92977	5.592177994
1.615615	0.814235	18.6768115
1.849775	1.167875	30.21886364
1.80721	1.10663	79.81607077
1.850545	1.045685	19.64989362
1.73056	0.943325	43.87354416
1.88566	1.17172	13.95948729
1.885195	1.16206	35.13518301
1.66271	0.55113	3.343441151
1.855195	1.046915	21.30055328
1.863055	1.152565	55.85914526
1.757745	0.896615	10.19597832
1.417185	0.55182	6.23402241
1.661695	0.911225	25.13888829
1.374145	0.316955	7.833314872
1.738105	0.907955	17.92428419
1.7223	0.84011	1.349129886
1.307115	0	51.36787614
1.683545	0.738005	22.92228267
1.38533	0.181275	0.200335344
1.595675	0.727095	4.797201585
1.47367	0.627095	1.551614804
1.758765	1.084635	47.41729663
1.75571	1.074645	54.97212944
1.90189	1.117835	17.21534623
1.905135	1.12534	10.55983053
1.91363	1.107675	9.088244445
1.798535	0.946725	29.77473726
1.82622	1.027015	15.11160811
1.506965	0.48255	39.69638982
1.69892	0.7449	1.333752784

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1.64146	0.72193	27.41807972
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1.656285	0.938435	1.822775952
1.70518	1.003395	16.10133304
1.624765	0.73575	0.141474096
1.711995	0.959515	49.69210529
1.560485	0.794295	5.826753683
1.92725	1.052225	1.449124129
1.92981	1.055085	13.73103192
1.330345	0	28.9562891
1.7294	0.844195	18.58016319
1.797045	0.82346	48.39027102
1.229245	0	20.65674961
1.70941	0.924805	19.98744327
1.67394	0.82264	13.57412964
1.255195	0	32.70502766
1.566235	0.513825	40.30437112
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1.627975	0.929165	9.562994713
1.20377	0	43.34430995
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1.61577	0.813615	10.36300268
1.86557	1.10217	34.32913028
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1.822595	1.056435	4.361445097
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1.792655	0.8867	1.649239828
1.82211	1.09515	39.74615042
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1.198165	0	16.09105188
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1.67572	1.056945	37.87900623
1.664045	1.03054	25.8122951
1.579385	0.85983	31.21207983
1.838155	1.150335	7.723021337
1.703515	0.979745	81.70228832
1.82994	1.021505	68.74109217
1.81449	0.97644	16.47646076
1.722745	0.760495	0.771701873
1.728425	1.025225	58.68165996
1.747645	0.943525	22.96102331
1.793265	1.019735	48.35900226
1.765215	0.91177	15.74861275
1.66255	0.95452	29.50617958
1.824405	1.1058	13.15125332
1.81223	1.07242	2.694141497
1.716845	0.83316	43.86747079
1.82456	1.134285	11.89159131
1.84958	1.08429	62.91686164
1.538405	0.7211	18.80683189
1.628155	0.787095	1.289324296
1.24944	0	25.53676235
1.65977	0.89331	17.89193964
1.661015	0.89784	1.010181257
1.62893	0.952125	10.46269188
1.693935	0.857695	27.8276165
1.68883	0.84561	0.500511988

1.741065	1.005185	16.62109643
1.81706	1.16034	16.30691635
1.738485	1.02086	56.83005197
1.750245	1.081365	8.313895058
1.59532	0.79775	20.17954058
1.419805	0.609685	17.84930323
1.693825	0.976495	9.92236141
1.72762	1.013485	27.09379694
1.80233	1.038535	2.952838787
1.793885	1.02944	11.81395962
1.74713	1.12219	27.31828227
1.280545	0	11.15962598
1.760235	0.906235	52.77880511
1.756805	0.83299	3.200160925
1.76084	0.99373	68.54381304
1.533635	0.625785	0.47337597
1.24699	0.12728	0.314074655
1.58158	0.739685	7.709052115
1.850185	0.957385	25.66664417
1.943975	1.16145	73.2812853
1.22847	0	31.41577404
1.716865	1.08974	29.08700353
1.613595	0.93942	55.55495192
1.7234	0.929145	57.76462479
1.62283	0.74002	4.866957987
1.765205	1.03828	1.482510101
1.77997	1.065735	30.18055688
1.646345	0.816685	49.08855702
1.67257	1.045885	28.93515256
1.582755	0.830095	0.656241061
1.71284	1.008195	9.580760297
1.6928	0.94627	0.024996999
1.784095	1.106125	32.91211621
1.877975	1.08636	21.20287549
1.89092	1.117745	39.40011384
1.88579	1.10866	17.06859221
1.561335	0.4282	2.53027117
1.89439	1.159805	29.69265015
1.58537	0.631285	83.18676651
1.51522	0.457615	3.866062869
1.477955	0.42292	2.798504053

1.71939	0.802035	40.86995732
1.652425	0.99149	41.64955719
1.68814	0.72549	9.460497998
1.88676	1.130115	42.61891191
1.952325	1.222025	9.573254712
1.94964	1.22105	39.39150428
1.665135	0.773825	45.89495225
1.823615	1.040055	4.608608869
1.24314	0	10.15391494
1.739525	1.08054	14.59713747
1.67753	1.038085	20.34142742
1.778685	0.99489	76.09352141
1.84258	0.865545	14.23518388
1.638695	0.881585	30.08982669
1.699015	0.75937	14.93759146
1.7669	1.09613	31.25607837
1.83147	1.10665	17.88924773
1.51617	0.60816	0.878542141
1.665725	0.750015	1.460032609
1.795845	0.992425	5.149735307
1.273145	0	57.40664239
1.18137	0	11.45973215
1.85287	1.02099	72.89753216
1.69012	0.965315	33.29829726
1.65249	0.88868	18.21599696
1.715885	0.809125	18.09166192
1.30308	0	0.206743367
1.53067	0.575225	22.84992262
1.68668	0.877665	109.6553315
1.21341	0	45.32542375
1.83587	0.916995	0.042581922
1.939895	1.121915	26.86335549
1.947055	1.134595	3.0694873
1.95159	1.14391	21.46918149
1.73279	1.10718	11.18485539
1.62929	0.88498	9.026572388
1.15729	0	47.86140448
1.18603	0	48.19931346
1.61943	0.939795	17.7708532
1.78489	1.015985	37.55483382
1.85129	1.15564	94.61958146

1.852265	1.1624	42.43828043
1.72296	0.841855	12.91450247
1.66795	0.929855	8.388165068
1.669155	0.94783	39.33183275
1.60776	0.80253	44.79418813
1.51767	0.491475	1.985029193
1.805235	0.95671	110.8465542
1.652045	0.91013	71.88961096
1.65035	0.820395	24.34709943
1.689845	0.839645	42.69929752
1.40266	0.324475	7.765455097
1.71284	0.834025	2.20925432
1.78063	0.86488	47.0547919
1.90018	1.051685	57.25481568
1.91239	1.08404	11.88603852
1.917305	1.099405	59.46559732
1.791535	0.96394	6.484840075
1.778875	1.090775	36.87912848
1.229525	0	38.61760158
1.26986	0	15.90303586
1.622165	0.72523	22.18630495
1.602055	0.887855	35.36463486
1.61526	0.90247	3.904804411
1.63606	0.790105	27.74829515
1.539225	0.54684	0.031965137
1.79535	1.05928	8.43640165
1.569305	0.796095	28.39771849
1.19322	0	20.27723012
1.894845	1.153525	48.42726845
1.80845	0.88588	3.668394936
1.870995	1.042825	15.03574942
1.505545	0.412615	4.301733272
1.813705	1.0487	4.893218096
1.810265	1.042185	60.36407028
1.80067	1.027035	3.578088076
1.798285	1.0881	27.97445502
1.74311	0.982135	0.392416335
1.541685	0.60182	0.149230325
1.696185	0.83506	38.71849807
1.79832	0.920945	41.88290833
1.622525	0.7254	4.411304153

1.80661	1.054185	47.78721516
1.56251	0.870615	19.98838392
1.88068	1.133225	37.7073842
1.6258	0.763465	3.451033019
1.94714	1.21237	44.82290741
1.927755	1.16961	1.765109385
1.261275	0	24.89985298
1.82347	1.045645	19.39431886
1.84438	1.053295	1.603819956
1.78874	0.913965	3.343375315
1.402475	0.101505	1.368598422
1.41162	0.53944	5.376479453
1.66498	0.889835	42.28361914
1.61799	0.839725	0.98661948
1.58875	0.8449	14.07305393
1.696945	1.10437	93.4082958
1.608305	0.923825	2.758290024
1.666515	0.798075	14.05316202
1.65119	0.821135	4.976472217
1.886175	1.208995	53.35117105
1.79886	0.851595	5.169393531
1.20424	0	29.63751944
1.440475	0.612465	0.781900058
1.285155	0	40.95769748
1.461645	0.40498	6.432387128
1.585925	0.82282	0.088644233
1.755515	1.05852	70.70717253
1.32378	0.236205	1.042136746
1.246995	0	87.15150177
1.73996	1.08457	12.78323503
1.74268	1.087755	39.18556244
1.74533	1.08677	0.16574236
1.412725	0.65461	0.151930674
1.550305	0.833085	15.50321073
1.306845	0.09983	0.004809365
1.681275	0.82256	13.9396428
1.7878	0.93164	7.356151172
1.79725	0.94244	9.880866939
1.785355	0.916455	16.46783755
1.75207	0.83877	12.18123797
1.88209	1.082005	12.38375028

1.884935	1.087345	0.017114322
1.498765	0.36632	10.49882749
1.75739	1.00529	13.42841068
2.038535	1.263825	36.37249545
2.03463	1.19011	2.037337502
1.689405	0.83324	29.92858026
1.81127	0.876035	44.83585382
1.3112	0	40.15463361
1.68825	0.81011	177.981127
1.7275	0.82073	1.416625321
1.659595	0.847845	19.91482127
1.683905	0.835965	14.47362866
1.26062	0	5.925730975
1.645945	0.7992	24.0252545
1.894345	1.22905	52.8413349
1.70443	0.929195	32.83877945
1.43328	0.45094	125.5171516
1.668045	0.964505	28.23429969
1.82764	1.04596	28.29602624
1.77011	1.18773	117.6340893
1.76008	1.163055	74.67223335
1.59932	0.813255	7.881480942
1.791655	1.105695	27.27832208
1.72458	0.956635	22.18406919
1.69887	1.04402	33.24304284
1.740765	1.12865	10.47266295
1.685905	0.952775	63.78129489
1.66192	0.83092	18.90388278
1.790975	0.97239	16.01367524
1.241815	0	26.26421771
1.630485	0.668795	20.7552335
1.65712	0.731305	10.00950113
1.37512	0.187575	31.22951346
1.63728	0.816205	20.11517981
1.777715	0.949545	14.56816105
1.677585	0.94068	16.90230916
1.26195	0	88.22274741
1.450575	0.602195	0.466471489
1.801255	1.139215	33.21876209
1.73759	0.985365	0.527375511
1.22173	0	10.52501793

1.721705	1.077255	45.78438934
1.71561	0.79238	34.98871274
1.745555	0.900405	12.99663228
1.59562	0.70954	45.08538714
1.836115	1.13981	34.37860887
1.833145	1.13386	3.671939337
1.688965	0.951855	23.17881552
1.890145	1.18579	32.28294238
1.91652	1.19674	54.50618676
1.918235	1.196755	54.02883898
1.93607	1.220495	90.44078922
1.933865	1.21269	0.346836517
1.93906	1.26438	2.718889974
1.621565	0.78756	26.50001512
1.21014	0	18.7367858
1.81684	1.1015	19.76229702
1.812295	1.099325	11.41134983
2.00193	1.275655	42.88459187
1.82351	0.90113	4.997451911
1.732135	0.693185	2.598781136
1.256145	0	4.183690592
1.21613	0	5.498219496
1.899445	1.1818	121.8769299
1.622165	1.028385	4.43267837
1.636465	1.04158	6.869536061
1.878485	1.08512	39.23374713
1.911185	1.200605	35.31587117
1.58696	0.759435	8.125343023
1.854785	1.158935	41.36717397
1.39182	0.5626	3.667109262
1.91504	1.19156	59.80672272
1.91581	1.1888	2.543251119
1.916755	1.18706	33.43610912
1.91841	1.187005	44.92611652
1.910525	1.17013	7.822355104
1.72181	0.756155	2.957711454
1.598525	0.596095	51.59174081
1.60889	0.816035	63.06159702
1.99612	1.268625	79.14729693
1.99626	1.26652	2.126553123
1.989275	1.271775	44.52099917

1.315275	0	0.248667349
1.28606	0	32.21760072
1.736975	0.83026	27.26900624
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1.650935	0.84814	3.734302655
1.650145	0.833585	178.1607356
1.23428	0	11.14265644
1.73078	0.89792	4.405157801
1.70507	0.831385	12.51394894
1.728525	0.897755	31.13121874
1.71575	0.83543	1.151538492
1.79881	1.050225	20.76229885
1.26502	0	40.70252253
1.94187	1.143615	31.56455557
1.944055	1.149195	0.406249246
1.293355	0	57.64204979
1.184625	0	28.59732627
1.20944	0	6.187245611
1.148715	0	49.63448973
1.850265	1.11131	28.86888511
1.78491	1.014495	46.77599675
1.169685	0	46.59755327
1.94105	1.247785	16.91323573
1.94034	1.23559	17.37948142
1.94106	1.24669	20.88478776
1.451995	0.48645	13.83405504
1.77402	0.768905	0.223453732
1.94107	1.173975	28.18861013
1.89986	1.13454	1.545458153
1.992665	1.24326	10.97323066
1.99153	1.241125	11.41753875
1.984305	1.223765	28.48302053
1.258515	0	32.31445859
1.651525	0.98136	59.52099918
1.69334	0.826005	18.97967625
2.004085	1.26636	62.58582663
1.99472	1.227715	57.49186839
1.22893	0	11.53667206
1.72926	1.05135	3.852262193
2.003565	1.262045	95.07770456
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1.72738	0.948605	36.98737776
1.845205	0.944795	5.713396668
1.95191	1.17182	20.24929264
1.860765	1.030655	58.00985295
1.33786	0	35.1406513
1.76572	0.825825	7.875456368
1.324585	0	106.6364675
1.561225	0.557175	2.629673632
1.755825	0.98068	57.26361731
1.74358	0.97114	36.22791237
1.6596	0.757355	1.408391686
2.182895	1.10037	974.8861902
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1.88677	1.0415	11.99842075
1.725835	0.74992	2.803417931
1.52115	0.459885	14.46123356
1.77918	0.93087	0.238665498
1.74229	0.81478	33.58495565
1.78642	1.04654	49.01132035
1.78858	1.054845	13.19892382
1.68129	0.94518	2.903385516
1.669595	0.91746	18.54027285
1.722835	0.93632	39.81803533
1.87806	1.12053	26.81086015
1.882505	1.12926	54.83635145
1.71987	1.022695	11.1152448
1.70659	1.01793	25.03750741
1.22064	0	17.15320951
1.43908	0.507685	51.34017203
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1.43915	0.63178	14.15654192
1.810815	1.07644	22.45874848
1.2263	0	29.11642571
1.416175	0.30261	30.56446215
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1.184445	0	14.14505903
1.819185	0.921095	81.77982932
1.81219	0.8995	11.42499172
1.765415	0.862585	2.112670304
1.73664	0.96157	9.866542723

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1.94768	1.22773	0.464579864
1.94609	1.22575	0.258374553
1.945385	1.22608	48.56753553
1.63301	0.6772	2.247699527
1.34698	0	12.21899632
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1.821505	1.06627	20.71491509
1.863305	1.153015	8.284874038
1.583305	0.79291	43.88278936
1.67562	0.88999	37.88337802
1.717145	0.996445	15.26595452
1.70071	0.95535	11.56270233
1.94709	1.202875	11.6048045
1.92421	1.150465	0.504389631
1.881595	1.1425	70.94420506
1.633785	0.86899	115.4166513
1.765275	1.063985	17.3101305
1.71575	0.777945	60.016152
1.812795	1.09251	120.00759
1.882665	1.15342	31.93436826
1.891875	1.16404	16.48080315
1.902445	1.19774	0.076745033
1.584485	0.80267	10.6154525
2.12314	1.29361	55.04778892
2.14917	1.405145	68.73279102
2.17041	1.4099	16.29546507
2.156475	1.388985	51.81743035
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2.17601	1.409385	21.8450624
2.17979	1.4095	25.61332899
1.823105	1.115795	40.48171736
1.300295	0.137545	12.05771306
1.706635	0.89838	1.689672897
1.83774	1.135	14.42217049
1.806855	0.961845	37.84718441
1.31388	0	23.57262123
1.767065	0.766915	106.021976
1.796055	0.83661	103.9273875
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1.906055	1.220725	2.05351573
1.90577	1.22117	5.829863157
1.77294	0.85168	0.833599161
1.85729	1.054165	2.647504394
1.833205	1.05606	16.02601842
1.832275	1.039565	28.74916305
1.768995	0.880875	0.0536373
1.636875	0.809705	7.297698664
1.55026	0.922755	13.16343308
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1.670045	0.76269	13.33573433
1.674505	0.895745	35.32502513
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1.76722	0.9858	17.46982645
1.68584	1.102685	51.73595683
2.158135	1.347805	91.43848322
1.248755	0	37.71942233
1.71863	0.93417	31.04412101
1.71762	0.93275	16.50697197
1.70244	0.894	17.16971236
1.598575	0.74035	0.378265
1.714305	0.741245	42.41223396
2.06119	1.27165	81.09213796
2.07801	1.279645	29.6194887
1.68464	0.7585	96.92643412
1.57739	0.798875	14.03743088
1.557365	0.78061	37.74318719
1.68039	0.88376	34.57019114
1.7161	1.07115	53.27983901
1.822635	1.08592	34.40013996
1.30126	0	163.5114799
1.812345	1.17839	57.72948697
1.779995	0.95736	11.23828548
1.805825	1.01394	26.03325494
1.839255	1.083275	23.61272187
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1.693125	0.869765	19.43836114
1.94317	1.16763	90.96666671
1.93952	1.08653	13.17615031

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1.69158	0.8291	28.27753624
1.269415	0	31.84385144
1.6021	0.807315	19.82290164
1.859275	1.137705	31.48392886
1.863795	1.13147	1.406951161
1.86314	1.12558	8.217118796
1.890945	1.162665	21.7519727
1.881465	1.139375	40.01978765
1.863715	1.090175	3.287183003
1.776675	0.84538	2.454849898
1.187615	0	16.69991667
1.555655	0.620575	96.53095522
1.62557	0.863135	14.20625419
1.25057	0	26.73681841
1.92958	1.249195	59.25251629
1.248775	0	34.70267877
1.20594	0	28.88545859
1.63563	1.005445	11.68640555
1.819585	0.959605	25.01822943
1.76426	1.005525	10.48301043
1.73363	0.908055	38.54054882
1.83211	1.031295	3.872853429
1.587215	0.801485	20.71838558
1.91675	1.12981	14.51301194
2.12506	1.35496	16.90031629
2.1116	1.3482	42.79812784
2.092675	1.344365	32.9098604
2.09178	1.34538	13.40643733
1.665465	0.907575	19.21208306
1.57392	0.905445	81.36988339
1.546095	0.801365	43.25312312
1.81992	0.8744	26.96950507
1.87957	1.011365	0.036381589
1.87573	1.0236	24.90949584
1.86536	1.003325	0.78453123
1.74647	0.9624	3.711525839
1.8138	0.927935	26.24635121
1.251665	0	22.93826304
1.73326	1.028445	36.87902692
1.71052	0.83334	13.97453951

1.517315	0.77487	44.96780895
1.338965	0	18.03298923
1.533345	0.77047	42.51502102
1.605265	0.664625	0.300403795
1.61456	0.687765	0.593620796
1.60277	0.659815	17.15204053
1.310345	0.118775	70.69439945
1.260685	0	22.0650686
1.803275	0.992075	56.00300929
1.231085	0	19.83535988
1.289495	0.175155	0.186848923
2.02773	1.21077	69.8834613
2.017295	1.20964	28.90524664
2.04158	1.22816	24.73650355
2.047505	1.23662	3.356069344
2.033365	1.236355	105.179586
2.026275	1.237905	156.3711888
1.958	1.21563	9.206302497
1.641995	0.81919	49.67770235
1.75507	0.96163	161.2644804
1.76195	1.006515	59.60790894
1.85367	1.010035	41.71577761
1.190345	0	36.59377005
1.714365	1.08432	16.45479163
1.685235	0.832035	23.20472737
1.281435	0	89.83012544
1.67091	0.89094	15.71908168
1.597635	0.78476	32.18543624
1.670825	0.927735	9.896111805
1.674625	0.86717	4.767512108
1.86329	1.111125	5.409159489
1.867995	1.11881	11.10971981
1.93891	1.19854	56.12351098
1.781235	1.02057	47.12951779
1.84331	1.114935	61.52746455
1.7284	0.962965	23.10602212
1.724115	0.97299	1.356847351
1.96228	1.163275	28.95326901
1.757505	0.755875	4.625070383
1.886165	1.07745	33.40124987
1.86644	1.041825	42.59540698

1.763915	0.78771	1.218936626
1.52988	0.655415	41.55312564
1.641195	0.833105	0.327993293
1.66355	0.87566	50.97260162
1.767345	1.11768	11.95597313
1.76496	1.10591	12.4762531
1.660745	0.83453	13.38478741
1.704845	0.8321	13.70351275
1.638505	0.77044	1.291485489
1.524215	0.609315	43.8746859
1.93395	1.24388	15.06475024
1.70577	0.89618	19.26399113
1.631535	0.92682	0.452064709
1.67591	1.038075	18.996778
1.76764	0.973865	25.56648702
1.777075	0.920715	30.74624195
1.695395	0.88368	32.35681009
1.18988	0	15.92036037
1.70075	0.96467	41.40791506
1.198525	0	8.682683554
1.966965	1.080415	32.60714293
1.529905	0.777925	9.589344328
1.78052	1.04413	27.95248234
1.776385	1.03176	8.943422452
1.764805	0.99794	0.373805349
1.762415	0.972965	27.70647811
1.28929	0	48.00096385
1.41808	0.29587	4.187438496
1.73559	0.837365	43.60519546
1.96568	1.18347	40.51448776
1.89492	1.03856	177.9370927
1.795865	1.025775	12.80836188
1.383155	0.34455	5.608720457
1.389325	0.436045	40.76997972
1.63855	0.592795	7.790810978
1.76868	0.89435	43.58384781
2.092335	1.29225	127.2524886
2.08264	1.290845	30.33532064
2.096215	1.302625	236.6906425
1.74341	0.91945	6.328262257
1.87927	1.10375	27.40948014

1.86704	1.077535	2.815562143
1.809025	0.938675	12.07107624
1.65529	0.798575	7.255260183
1.750665	0.931645	10.15194469
1.78714	0.98895	66.41657876
1.81128	1.030475	17.52535368
1.655505	0.788375	2.830165101
1.75024	0.82164	0.125232584
1.674085	0.98291	28.12102111
1.61603	0.844285	2.222657449
1.63093	0.97545	14.17479846
1.59872	0.84711	27.4115562
1.90534	1.15819	53.07644248
1.657405	0.85074	23.14731156
1.73443	0.87139	33.69301803
1.331545	0	106.7885355
1.578025	0.67627	36.88938262
1.66204	0.92765	34.27965552
1.71905	1.0748	106.1011861
1.887075	0.966785	0.677200251
1.978535	1.178055	8.675276791
1.98012	1.18585	42.03250248
1.609395	0.805575	26.1111269
1.3329	0.1746	9.779300161
1.672595	0.813975	12.26737442
1.69261	0.976095	46.06110257
1.93424	1.205335	59.97993187
1.90627	1.123245	10.74304224
1.906035	1.12858	20.93761039
1.601995	0.935355	7.52129039
1.373755	0	18.44361304
1.539335	0.6148	2.795336247
1.51476	0.44103	2.051999206
1.83896	0.957555	29.78498284
1.736905	0.93254	35.5625695
1.71841	0.93644	4.605305945
1.739985	1.004315	89.27169368
1.799235	1.12148	58.1367179
1.750085	0.988855	4.866835885
1.30361	0.285355	7.757553276
1.668485	0.93371	62.64284399

1.96937	1.257195	40.13535359
1.965395	1.2344	18.2566246
1.96765	1.232985	51.00716586
1.971195	1.222575	44.26157155
1.96078	1.165015	7.987129896
1.82807	0.83933	0.787822849
1.7345	1.030145	13.80302991
1.90925	1.128215	37.6098966
1.918155	1.173885	11.15315025
1.90715	1.17168	66.10391972
1.901145	1.16891	0.322567699
1.85294	0.94016	15.44230644
1.69173	0.79762	3.060743573
1.60098	0.802905	12.12569594
1.61471	0.768925	25.67968708
1.656515	0.86676	69.37215241
1.58758	0.926895	30.0689226
1.18944	0	16.56802689
1.28983	0	28.60588004
1.24001	0	19.66934532
1.43578	0.53082	45.32705901
1.842905	1.151315	13.01071381
1.846015	1.149015	0.816395308
1.25938	0	1.362715649
1.623435	0.810315	58.86533388
1.200695	0	41.46866625
1.56045	0.714815	20.65236531
1.94029	1.23207	1.874491132
1.939075	1.24667	43.3549589
1.61558	0.81575	4.235218467
1.403075	0.52155	67.59452947
1.924145	1.177135	101.2802883
1.917005	1.175595	4.084107369
1.90549	1.161415	14.94192358
1.239075	0	39.65785937
1.70452	0.939995	17.41798249
1.601905	0.89954	27.93428341
1.688385	0.93627	7.47615633
1.713225	0.979135	37.7241274
1.22189	0	7.793170826
1.65819	0.860815	0.61233681

1.69781	0.95632	18.46992137
1.23693	0	13.8432661
1.639985	0.820545	2.603077879
1.4561	0.19955	14.62653138
1.916545	1.057335	15.66547601
1.99478	1.193055	41.84423319
1.98735	1.17608	5.177617531
1.641535	0.89934	26.54835636
1.809695	1.04177	1.793495676
1.747865	0.89794	37.35310682
1.479295	0.515415	19.36268884
1.8053	1.036835	25.82499487
1.795795	1.02622	1.73397382
1.629665	0.814735	2.883049027
1.8485	1.203075	82.06173851
1.71955	1.060125	41.05201847
1.29479	0	64.2710835
1.7022	0.80901	2.692253012
1.692275	0.97406	10.59617897
1.60505	0.73745	25.88624185
1.811375	1.03979	4.076178319
1.81326	1.04823	24.38918623
1.45871	0.4405	0.520265491
1.14116	0	33.21117901
1.31165	0	31.7187404
1.56925	0.6871	68.4076009
1.83913	0.772595	9.450173951
2.06163	1.247995	12.16111678
2.061395	1.250785	6.220785457
2.100535	1.32975	35.70304854
1.695105	1.053755	67.7415717
1.969415	1.26065	64.3629824
1.96038	1.257955	24.3387466
1.45808	0.454585	3.051551949
1.783125	0.8497	29.78148026
1.78278	0.92063	15.41937621
1.931435	0.98634	0.69337857
1.94001	1.132965	11.09692838
1.98189	1.183935	39.73636936
1.920115	1.18204	25.09317709
1.909875	1.1661	11.81290119

1.688345	1.10047	8.617249886
1.70283	1.05641	257.090254
1.872035	1.255785	8.098409542
1.749895	0.83809	4.309367099
1.83526	0.97504	43.61453133
1.30295	0	21.29515486
1.780155	1.01791	22.47982548
1.79461	1.062825	10.25119359
1.87091	1.194735	1.874463918
1.59481	0.939475	23.46379234
1.61512	0.91817	7.177061896
1.619445	0.75365	7.262387825
1.861115	1.157595	21.76748008
1.648725	0.868375	39.36155328
1.847975	1.15933	21.31619159
1.661235	0.77936	25.16818845
1.37491	0.42703	11.76486893
1.76449	1.035535	11.22450719
1.713015	0.864985	28.62450059
1.6988	0.85505	5.459034261
1.71695	0.83137	17.49841161
1.666	0.874705	13.91874473
1.69945	0.886385	35.92801028
1.8425	1.057805	27.50252917
1.794595	0.92295	0.023528068
1.81006	0.944595	9.464153916
1.717915	1.024755	5.646509621
1.720815	1.032565	0.444710613
1.193705	0	17.86248754
1.4893	0.66078	41.85469444
1.652405	0.91431	38.20278786
1.63893	0.93101	52.23175278
1.701235	0.954855	105.0965797
1.403245	0.49334	1.142454979
1.60496	0.722095	2.839016613
1.672125	0.84594	30.15029932
1.8537	1.191985	2.030711266
1.86651	1.23471	49.58745404
1.677785	0.93984	32.87913944
1.697695	0.9662	22.86680962
1.71111	0.985335	25.91357143

1.722265	1.001635	36.46002956
1.711295	0.919355	11.71338339
1.639945	0.943595	26.33290386
1.83758	1.087545	44.46535179
1.81932	1.071025	25.69599698
1.808385	1.04222	2.434230511
1.773435	0.962485	17.60721141
2.03625	1.260995	98.5736749
1.58967	0.865455	9.769651227
1.78398	0.91034	25.0319584
1.799435	0.95202	1.624391314
1.81427	0.99525	6.7592371
1.86664	1.08206	12.2202906
1.87042	1.095885	56.78467133
1.866355	1.06928	5.428226271
1.74243	0.897865	52.39345778
1.780775	0.987735	35.06323273
1.79477	1.00765	11.72169115
1.785	0.995445	52.25686267
1.653515	0.82103	28.1751167
1.710775	1.06057	32.76469358
1.983675	1.1759	10.46485524
1.98147	1.18464	139.9189324
1.97745	1.18218	54.63305204
1.98208	1.18913	70.48127845
1.979775	1.18762	4.86204461
1.988665	1.213485	3.265711813
1.313675	0	52.64641556
1.768885	0.95059	29.46537741
1.24977	0	13.23375905
1.198185	0	42.1789489
1.900975	1.249915	67.30272437
1.90533	1.273105	25.79527285
1.904605	1.273505	7.811720018
1.528715	0.56867	15.45297652
1.65291	0.74712	1.448264901
1.716975	0.891205	35.69996515
1.215255	0	9.807596812
1.70361	1.008335	61.63730332
1.66017	0.909975	4.816948034
1.84352	0.99314	54.12448087

1.8247	0.940395	3.619537608
1.64602	1.01939	16.02995009
1.669405	1.05487	5.496063647
1.847625	1.02884	8.635814154
1.84426	1.025335	10.70499105
1.79548	0.90749	7.996548423
1.910015	1.13065	53.51115651
1.921835	1.169585	13.09248882
2.019195	1.188195	24.57751114
1.68917	0.889495	14.99750758
1.616805	0.81222	18.13118032
1.980935	1.25742	52.02280872
1.743445	0.945735	11.34303685
1.74632	1.142885	1.391916269
1.75003	1.130185	44.72906011
1.78144	1.178785	79.59554665
1.794035	1.192925	26.1544295
1.8106	1.209225	53.93393798
2.00648	1.204645	4.554252748
2.01066	1.20989	33.84490517
1.845935	1.005495	6.814289582
1.821735	0.939305	34.10502364
1.71917	0.75734	7.96651874
1.895185	1.21988	12.33667144
1.24756	0	14.84828538
1.80471	1.086925	1.15327052
1.8017	1.089855	32.97364795
1.68671	0.897765	23.77190705
1.598455	0.8459	24.77632008
1.151605	0	120.6585814
1.64574	0.60352	5.800061883
2.056695	1.29989	83.04682645
1.47561	0.652315	0.537007299
1.48959	0.714175	7.703703847
1.864895	1.234225	50.46223324
1.93451	1.178875	15.82264753
1.23286	0	32.47382726
1.713785	0.8206	23.92833304
1.452315	0.31127	0.401552412
1.65029	0.91413	26.32910016
1.8125	1.05996	49.47583244

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2.10126	1.307105	16.94072424
1.689865	1.034645	25.443746
1.70573	0.96825	11.55884248
1.746725	1.06641	9.564499197
1.75511	1.08404	14.72699778
1.63535	0.84298	10.73423295
1.693045	0.96332	20.49449164
2.13323	1.306945	72.54596063
2.102175	1.313355	208.9183089
2.09202	1.291515	9.515064024
1.75795	1.118305	81.8441833
1.809335	0.99847	6.646810752
1.786095	0.94354	0.879121522
1.64965	1.03282	48.1406851
1.655555	1.03397	2.843729524
1.33658	0.331835	3.041503828
1.61469	0.853665	45.09559133
1.673275	1.065335	28.0582214
1.65615	0.960775	97.82827271
1.372855	0.24222	14.36106059
1.736045	0.839295	29.74759233
1.417425	0.458775	0.576125515
1.59462	0.7459	23.14073694
1.8014	0.94766	15.51130952
1.66148	0.82515	0.549009089
1.247425	0	43.78283229
1.209705	0	79.72621612
1.274125	0	24.2145579
1.322735	0.13003	0.920190351
1.1966	0	171.106635
1.68558	0.945455	0.733308039
1.711255	1.010595	12.10566778
1.78523	1.044685	37.1691918
1.72215	1.07762	31.89927185
1.395425	0.57255	31.65184452
1.431795	0.71151	17.3547479
1.65572	0.851635	4.628894297
1.64013	0.819405	11.73777586
1.223515	0	17.01130398
1.666275	1.01818	11.4461637

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1.54838	0.782045	34.31680727
1.87588	1.20083	129.8273408
1.885715	1.14865	8.658471963
1.67168	1.08989	44.09277781
1.406055	0	86.03738012
1.682045	0.94317	44.49047221
1.61683	0.73823	5.862602448
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1.783255	1.101625	20.71368731
1.680255	0.853115	0.350638803
1.716905	1.0091	14.68892521
1.66592	0.93381	19.67796711
1.30141	0	38.70527334
1.78742	0.86976	13.98666902
1.704075	0.759065	0.58241553
1.316105	0	36.21894697
1.639385	0.838605	3.500193861
1.836905	1.13487	34.6568314
1.830905	1.12741	25.31446056
1.73295	0.895865	49.2182493
1.595895	0.82744	42.82763206
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1.73814	1.084355	25.9376876
1.736655	0.83827	27.09798164
2.05086	1.27036	41.40260365
2.04824	1.27556	46.75627927
2.056075	1.26448	39.51019175
1.35761	0	0.12853735
1.909975	1.196555	128.4538278
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1.92068	1.165075	45.25389026
1.762475	1.08574	81.20256395
1.84029	1.189525	19.27475411
1.445575	0.461655	12.20965711
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1.71129	0.994015	0.554757469
1.71821	1.02468	2.15693062
1.702535	0.99191	21.74991727
1.77142	0.95123	59.72046348

1.361635	0.221525	25.93826713
1.66944	1.034455	18.7707168
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1.73164	0.853345	41.73694104
1.76241	0.968305	61.32823551
1.445995	0.463095	15.38306548
1.651545	0.826305	16.49985395
1.89338	1.08197	9.910929931
1.88369	1.045675	19.3422158
1.869605	1.02755	28.17920629
1.86617	1.020195	34.17672213
1.74214	0.96275	58.25982574
1.855705	1.1718	28.16684027
1.22935	0	27.18602156
1.9081	1.14321	18.34508449
1.89262	1.130515	50.41428414
1.843815	1.054845	0.057082397
1.19714	0	33.27745136
2.14741	1.36619	120.306874
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2.130625	1.359495	63.74747217
2.13503	1.361245	137.5730035
2.122535	1.355	5.951696115
2.12026	1.35291	2.666030076
1.22736	0	43.04093825
1.779655	1.051295	0.475485278
1.80731	1.116535	27.81613406
1.535805	0.634465	16.31275873
1.67868	0.79894	4.533236074
1.67096	0.96525	18.61499768
1.65629	0.686615	3.943214735
1.84392	1.14703	59.95223312
1.666125	0.966685	30.49189774
1.71895	0.833975	26.95903817
1.799495	1.051225	17.47848497
1.860185	1.16529	19.57860087
1.336785	0	104.4665727
1.75184	0.83165	1.295393766
1.44097	0.260355	0.947624044
1.69079	0.98215	64.87377149
1.74448	1.06511	88.30134659

1.762775	1.03182	15.56900062
1.7695	1.05169	43.90168634
1.76069	0.97079	16.93558704
1.63966	0.87441	7.408439869
1.650445	0.85318	192.3574609
1.31342	0	40.42744095
1.239205	0	9.093452484
1.89141	1.130845	19.97821156
1.701305	0.83131	10.03217116
1.72507	1.13714	45.74950554
1.63448	1.01246	19.62500711
1.637425	1.036685	27.67262577
1.633685	0.878635	21.98619287
1.33999	0.42284	5.14854657
1.8077	1.055045	33.41500718
1.57022	0.63932	31.52448484
1.756555	0.9003	45.62942935
1.690475	0.78593	0.116298624
1.193975	0	31.56528349
1.643325	0.884135	1.53803444
1.676355	0.93635	18.46929503
1.747855	0.944365	40.21988964
1.33112	0.37534	6.431636505
1.636965	0.87598	3.310659541
1.582725	0.73637	27.29489764
1.338095	0	60.06490743
1.74501	0.72448	14.94754353
1.65687	0.94009	48.40958636
1.70569	0.928955	32.7033093
1.1787	0	19.66001303
1.707905	1.044215	20.00902274
1.74591	0.90985	54.28963907
1.645865	0.88187	74.30359145
1.721465	0.828855	35.03093591
1.73142	0.86543	2.765910412
1.747935	0.87576	19.13255363
1.632855	0.715625	0.471824797
1.72412	0.78636	29.2250476
1.543035	0.52948	26.02292301
1.85441	1.16192	31.14952901
1.16459	0	27.94624525

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1.203605	0	15.25750525
1.73894	0.97363	47.96986882
1.66387	0.846255	30.25455844
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1.998535	1.224125	7.084193206
2.0524	1.292965	28.38530869
2.053005	1.29047	6.655296332
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2.055255	1.28925	38.68763114
2.051115	1.283785	53.91878408
2.0477	1.27553	35.59366328
2.04064	1.25667	16.57506249
1.577745	0.7884	0.777316699
1.83385	1.13423	106.0806449
1.833855	1.12534	1.357667359
1.741985	1.05704	11.84545024
1.771715	0.97684	28.67945527
1.760085	0.969295	22.98624236
1.696485	1.003545	50.35384443
1.6638	0.93556	37.64418329
1.652705	0.91569	18.9011417
1.610375	0.80751	10.24640086
1.85296	1.198815	136.3620849
1.936715	1.228545	26.76470563
1.581335	0.895515	35.65410727
1.89618	1.230175	0.157585817
1.788735	1.01347	30.68389823
1.71809	0.907	0.877676535
1.68774	0.833005	55.2412378
1.689435	0.82833	12.08885327
1.24191	0	16.62984172
1.919365	1.151215	57.34270189
1.875885	1.041115	17.45689611
1.87165	1.03767	1.680950935
1.656895	0.976135	7.60222322
1.631395	0.94874	53.945998
1.670245	0.82588	3.247879568
1.613375	0.795555	28.27938503
1.695195	0.920245	8.927727875
1.632695	0.820165	6.379762542

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1.699895	1.0871	53.93768204
1.694645	1.06593	9.494667156
1.70795	1.07958	30.37722227
1.198085	0	30.24208961
1.865505	1.085385	4.436992525
1.941535	1.23884	48.46020217
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1.899445	1.125	7.625236386
1.89932	1.123695	1.86613437
1.659115	0.880695	10.76475533
1.22863	0	15.93432035
1.653065	0.890335	22.23531464
1.273025	0	45.45196566
1.86174	1.105605	55.05408891
1.761435	0.970565	6.432918956
1.63587	0.93277	13.30448246
1.86357	1.08771	47.00141363
1.85917	1.03131	0.712529446
1.38205	0.13497	20.58223391
1.303345	0	13.46911291
1.894845	1.17039	18.92860224
1.89813	1.16901	9.433420394
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1.9602	1.236315	10.23621001
1.98283	1.233545	51.78716143
1.789915	0.991455	9.154103575
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1.66648	0.823045	22.33330297
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1.640665	0.81374	54.66553429
1.73599	1.025015	16.78632609
1.73934	1.01905	18.89578466
1.28794	0	30.10759491
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1.597785	0.906845	34.96535022

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1.699635	0.82363	1.050244091
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1.153355	0	36.09902741
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1.31868	0	18.3130776
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1.825445	1.175235	82.76212416
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1.725685	0.832745	61.84710853
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1.787575	1.009035	12.22460166
1.76298	0.95429	54.88919776
1.714445	0.83627	4.263294319
1.775475	1.037835	8.964612077
1.827055	0.895555	11.02062087
1.8453	0.956965	21.20731941
1.865225	1.00084	52.11138807
1.871305	1.011815	41.56150715
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1.857135	1.099845	49.00159797
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1.813465	0.92955	22.9831525
1.77408	1.056725	6.935548797
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1.759655	1.00416	0.712721018

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1.74955	1.05169	49.68922982
1.75774	0.99929	7.161052974
1.79087	1.047965	34.25068661
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1.935395	1.116965	30.39945203
1.921625	1.09347	64.01475498
1.904245	1.065245	1.127871553
1.854535	0.968345	9.273703179
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1.621485	0.759305	4.386599456
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1.64735	0.89415	0.628015645
1.678465	0.972255	36.38678569
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1.200885	0	21.41475332
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1.777315	0.75432	13.02890249
1.62983	0.806215	39.14535538
1.31368	0.28046	59.8356877
1.170385	0	17.41600155
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1.57075	0.84335	9.686177852
1.563905	0.82295	77.77068746
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1.78784	1.05614	1.184211539
1.78662	1.05686	22.28268124
1.47643	0.46123	0.256891767
1.65488	0.825425	7.539917201
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1.742085	0.955965	82.23495659
1.707215	0.86535	3.376087574
1.753405	0.91138	7.110028715
1.660615	0.886505	49.64608161
1.83925	1.15682	16.58609791
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1.71087	0.94504	41.0568514

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1.76688	1.01876	7.245514617
1.63054	0.967895	32.3424502
1.753845	0.97357	15.36630729
1.803055	1.06402	41.7416952
1.19443	0	38.04234272
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1.812755	0.98848	30.79378743
1.6679	0.840885	45.0347378
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1.844265	1.044805	73.91940917
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1.20265	0	26.68357148
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1.680445	1.006365	77.53926853
1.656845	0.873865	53.92912446
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1.761685	1.089365	47.28945594
1.66853	0.9739	15.03957068
1.785905	1.01804	7.083338526
1.82275	1.115125	37.92647689
1.404025	0.39628	1.299914124
1.66778	0.820115	12.79561863
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1.680405	0.97573	2.39155187
1.671555	0.946785	37.58772063
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1.33026	0.266045	1.519146896
1.441305	0.55538	42.58608791
1.901475	1.077645	17.72258429
1.804375	1.123245	46.99747249
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1.72863	0.81211	0.408676522
1.430545	0.19637	2.636503732
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1.67212	0.91955	19.42152698
1.783965	1.05561	27.69224536
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1.710105	0.904205	20.07078074
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1.182355	0	48.61837377
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1.29939	0	44.49041897
1.40948	0.512695	156.7115469
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1.917965	1.194385	5.002482404
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1.692055	0.956985	69.21491102
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1.806935	1.012985	118.4147741
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1.76351	1.12497	14.87064627
1.7024	0.73107	2.062980974
1.767365	0.85871	20.92297659
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1.727305	0.925165	12.0442725
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1.634195	0.81447	11.8921487
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1.68107	0.877935	56.2418043
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1.480885	0.54381	33.31330539
1.37044	0	30.36871706
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1.605135	0.94513	64.5143898
1.6537	0.958365	9.472776727
1.57739	0.8516	56.73710194
1.46715	0.658695	3.535368193
1.63783	0.753015	0.689356816
1.599505	0.77266	18.96254808
1.67083	0.962555	31.34957289
1.56809	0.8746	9.619285692
1.61952	0.79381	7.63898116
1.76286	0.992835	36.6026889
1.70571	0.857605	0.976347685
2.026725	1.16234	9.955433773
2.06315	1.31118	31.07006375
2.06015	1.304205	4.944222238
1.588135	0.877805	60.72049519
1.602495	0.804335	17.09571586

1.733915	0.900325	35.44085446
1.729695	0.90185	28.23711554
1.45249	0.32952	3.888000643
1.25402	0	18.97412195
1.62357	0.90745	1.828984015
1.70165	0.930425	6.0248863
1.177135	0	35.46373218
1.73245	0.99002	11.43636421
1.77234	0.98824	2.626048011
1.735675	0.900965	19.76150599
1.299285	0	24.74028482
1.63519	0.74833	5.932665705
1.56443	0.734875	21.65572271
1.75776	0.91588	6.02200467
1.703495	0.81245	3.198002379
1.703715	0.923415	4.872759628
1.63449	0.99434	47.54886568
1.200045	0	11.8124222
1.766645	1.03117	55.79946924
1.719085	0.820545	0.316606586
1.78099	0.974805	15.19628127
1.79607	1.003605	34.11812803
1.644285	0.806835	2.694489423
1.715965	0.80702	1.138246239
1.773255	1.01496	54.42763427
2.02975	1.29703	27.88848341
1.85792	0.97112	10.48523647
1.43232	0.336655	5.125300016
1.680985	1.00645	30.79939755
1.92604	1.106675	1.018753479
1.92311	1.106105	5.470015368
1.86769	0.87112	18.46859252
1.71723	0.878865	33.33972163
1.311975	0	52.57809801
1.36254	0.188955	1.982080941
1.14885	0	40.57979139
1.46253	0.53709	36.84904138
1.451415	0.25889	5.623031485
1.694815	0.92395	12.82267091
1.721865	0.990045	10.70578319
1.72795	0.832535	41.97298615

1.720105	0.95201	31.18469842
1.725215	1.000595	3.301764686
1.187985	0	24.22997457
1.65185	0.69033	1.819684023
1.735575	0.87716	12.07809415
1.74264	0.894055	53.1462287
1.71628	0.832245	6.577407431
1.59284	0.656335	27.56376179
1.158755	0	78.00677018
1.856015	1.03254	21.86133657
1.73457	1.0368	96.38308794
1.720525	0.900715	44.82771637
1.725425	1.05275	29.61429807
1.721285	1.04197	9.855613608
1.697985	0.84322	23.88863648
1.75856	1.1503	42.90532319
1.750175	1.132025	26.75776495
1.266655	0	16.07435201
1.860835	1.128875	36.29622153
1.840685	1.09772	25.41324967
1.99051	1.241475	104.2461662
2.049655	1.30341	7.352223888
2.051665	1.30497	38.04795475
2.054655	1.304125	84.23994735
1.938305	1.20884	19.50916755
1.9512	1.219305	67.87220992
1.96271	1.223535	10.78426501
1.96988	1.21982	40.4526495
1.981475	1.219325	3.617960545
1.207375	0	33.44887377
1.581765	0.77679	31.11069012
1.751475	0.962255	7.650027391
1.758565	0.972195	3.471142521
1.56227	0.690265	18.63462176
1.74505	0.909725	50.53889951
1.738665	0.992375	6.049618128
1.8329	1.154835	98.60346996
1.686505	0.984595	31.56397629
1.4892	0.59532	5.802636701
1.79009	1.084765	22.94515707
1.715555	0.914	1.853324486

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1.725445	1.016985	48.84828293
1.67555	0.89534	2.792397231
1.605285	0.721595	5.824280406
1.786895	1.05326	18.04021221
1.76544	0.997725	2.253419901
1.67925	0.961795	2.105754044
1.59581	0.83817	59.58967502
1.82048	0.98493	27.57342434
1.85999	1.072405	28.02271091
1.86199	1.079735	15.48975592
1.757035	0.973325	11.98324538
1.767495	0.994615	27.17506934
1.65042	1.02481	8.990684769
1.861385	1.18594	37.49144665
1.86723	1.196585	18.03534174
1.58872	0.73955	13.97503691
1.76679	0.89927	11.63473514
1.673755	0.958065	48.2088387
1.733125	0.93217	38.68810075
1.74386	0.95892	5.519774728
1.758025	0.96017	14.79030325
1.762965	0.991795	4.162652754
1.7856	1.006955	47.0232194
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1.804015	0.95278	7.974068202
1.79254	1.101235	30.46043027
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1.77322	0.837595	94.65649295
1.681825	1.07044	22.29318268
1.745825	0.904185	40.31154565
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1.903275	1.16763	3.159650767
1.91806	1.186535	2.51373464
1.915565	1.184485	0.227977741
1.91475	1.18389	16.37330907
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1.77119	0.833065	3.732715015
1.862085	1.07649	30.36848574

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1.743315	0.840665	49.27061021
1.77187	0.905475	0.701569391
1.64698	0.81702	12.26968657
1.768015	1.0176	14.58886315
1.80345	0.875765	24.61699461
1.761655	1.02747	97.25568945
1.665025	0.92129	70.68627538
1.1686	0	51.04089586
1.23778	0	30.06886877
1.734765	0.939845	21.34929443
1.607205	0.745715	11.93889147
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1.70247	0.857445	28.62871027
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1.65093	0.818675	18.78484033
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1.88189	1.130255	40.81197594
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1.585135	0.763545	17.43292256
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1.71906	0.83441	7.561705167
1.77313	0.970345	13.68045675
1.715505	1.001545	10.30636852
1.846795	1.12194	78.1186239
1.79475	1.08925	11.76500129
1.27675	0	78.42011169
1.55651	0.69241	4.067656432
1.63644	0.81596	19.48384049
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1.13993	0	43.30891657
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1.453495	0.794675	14.32218926
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1.72916	0.99453	22.7496897
1.68642	0.99256	11.08063976
1.718805	1.014325	9.817030732
1.79476	1.10242	11.89744756
1.6641	0.82506	7.097389202
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1.789525	1.059765	22.28656642
1.657605	0.826335	11.24420639
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1.85727	1.05543	7.183024525
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1.6256	0.718075	28.90844345
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1.37174	0	40.48462081
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1.58676	0.680035	22.43819813
1.661075	0.81228	0.25265797
1.51126	0.62017	29.73267484
1.56554	0.813665	32.22874174
1.457675	0.423955	11.70296192
1.66817	0.82694	18.83383823
1.703	1.01432	26.17537669
1.518305	0.60465	11.45749839
1.895825	1.158205	34.73648772
1.634555	0.817885	48.04454534
1.847515	1.125525	44.67396625
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1.823055	1.0616	38.09035257
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1.22822	0	11.62950877
1.73925	0.90498	23.503378
1.696715	0.89305	39.18141071
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1.742355	1.14126	49.00184268
1.821715	0.79878	8.168678246
1.96684	1.13097	5.964988583
1.913645	1.00471	24.7119328
1.88476	0.934175	14.86471287
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1.53936	0.41652	1.006806296
1.92865	1.256185	29.23376474
1.93051	1.26061	37.61280535
1.34172	0	46.08051635
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1.74912	0.98471	16.9648572
1.83875	1.12079	19.3722784
1.556355	0.789005	38.59726941
1.82149	1.122435	30.93061712
1.72079	0.865075	1.119793788
1.67522	0.70681	3.144543734
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1.65156	0.770615	14.42166509
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1.809325	1.060455	11.57227383
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1.60378	0.803925	14.43199104
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1.32599	0	59.66046992
1.61898	0.668405	5.718782624
1.240115	0	41.30407718
1.341225	0.33168	11.7834955
1.726395	1.055425	21.35162784
1.71598	1.02391	0.639724456
1.69678	0.967985	7.027735234
1.618125	0.88851	25.60233293
1.79931	1.14545	46.52384981
1.662325	0.829445	80.80240326
1.669355	0.77556	46.55280104

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1.27972	0	28.64979902
1.783615	0.848385	35.50500154
1.81774	1.113855	42.00706042
1.18253	0	30.31160945
1.747445	0.853555	40.48671917
1.56965	0.60873	0.157908583
1.32205	0	21.90860051
1.769845	0.94721	17.24669979
1.232135	0	7.945750321
1.23242	0	36.06232819
1.86464	1.06928	73.2374939
1.89443	1.101285	89.86812674
1.59473	0.99349	3.231407094
1.7298	0.92011	17.84674495
1.25569	0	52.55312863
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1.6869	0.81585	0.214435747
1.890675	0.962725	11.78351238
1.900445	0.969045	20.2625755
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1.69628	0.83288	10.92087104
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1.1531	0	26.26436906
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1.52141	0.80258	30.65701603
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1.75345	0.89791	21.58199756

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1.875125	1.15126	12.52745832
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1.76412	0.90075	29.14580735
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1.71784	0.811135	63.52924055
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1.770855	0.91297	12.79568771
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1.76141	0.865885	23.61448092
1.59645	0.568715	30.10941096
1.80128	0.849315	9.104853889
1.6703	0.827955	57.22500265
1.823145	1.091	26.31811689
1.71167	0.83531	2.486404089

1.29886	0	24.87705466
1.54313	0.613875	17.2988902
1.644785	0.888955	33.59339142
1.759915	0.99878	26.32964548
1.733165	0.93414	16.35617837
1.140595	0	32.9873131
1.59484	0.86206	14.7464729
1.955765	1.252345	14.449552
1.95071	1.23077	15.3086591
1.660515	0.82515	5.779291958
1.814525	1.05548	10.72074167
1.812075	1.043795	41.0549584
1.293465	0	46.63866496
1.498075	0.728575	38.21019567
1.80306	1.066175	24.24877702
1.80067	1.10555	12.65341346
1.776945	1.051695	6.530303347
1.68408	0.81681	3.79773729
1.53793	0.71246	0.145596188
1.605215	0.803875	15.00693114
1.59261	1.00683	86.60801221
1.615275	1.02268	61.6557745
1.91749	1.207765	57.22341321
1.23778	0	32.67838426
1.765305	0.97013	20.43721575
1.832055	1.121735	12.16159776
1.83848	1.13802	0.728310167
1.69606	0.954475	21.77464006
1.64064	0.816405	9.499700303
1.883205	1.063135	11.99098125
2.058495	1.29622	101.796052
1.54926	0.731925	9.392993462
1.78543	0.71859	9.641915328
1.933505	0.96778	8.387872232
1.85425	0.84596	2.901860248
1.71607	0.840825	0.066292156
1.84876	1.068955	31.82370317
1.70862	1.022605	33.88668489
1.81808	1.106825	3.991060107
1.82628	1.15065	53.16464112
1.902715	1.07344	20.59263311

1.816195	0.945765	14.23268476
1.618555	0.807835	7.569726022
1.1743	0	60.26664025
1.74618	0.83728	21.51944857
1.622345	0.852595	34.06990692
1.697805	0.988585	3.987440162
1.693165	0.977185	11.107828
2.050735	1.13419	42.10569647
2.102285	1.12473	411.9699066
1.576695	0.694185	32.79858821
1.68739	0.879125	43.59713194
1.775785	0.848515	71.38531214
1.16785	0	52.67627036
1.58422	0.83201	5.767861688
1.663995	0.815005	32.63906324
1.78728	1.046295	16.21084334
1.584645	0.787585	12.75241881
1.729995	1.009505	138.8245521
1.702695	0.961965	0.176455915
1.793105	1.007595	67.86741353
1.683475	0.827715	23.15860575
1.764065	1.17057	19.05967476
1.60654	0.914975	21.99928625
1.62352	0.95581	3.057747185
1.65173	1.03221	26.28481817
1.732345	0.920245	13.36836693
1.68823	0.79814	0.183640736
1.59678	0.747705	15.02542971
1.815625	0.95749	20.95337393
1.743375	0.853285	13.0109019
1.718505	0.801705	2.746472489
1.701365	0.83426	20.85570067
1.769735	0.854995	42.54867197
1.77625	0.80375	16.23841598
1.352785	0	61.01320252
1.804055	0.821225	3.521468526
1.923635	1.18388	1.476310945
1.92714	1.19394	13.73053088
1.95231	1.203105	56.65625685
1.957	1.200805	19.14973091
1.734725	1.020785	66.2332908

1.718545	1.073235	16.84125492
1.29442	0	27.08553851
1.661505	0.922835	15.19115915
1.536235	0.74979	9.743407437
1.789585	1.031435	13.30979074
1.58341	0.891585	26.43231523
1.60988	0.75224	14.68648059
1.80196	1.12012	10.48390401
1.69512	0.891505	33.93124685
1.71885	0.9347	25.90242359
1.369205	0.536615	19.41764326
1.307565	0	91.52311609
1.70395	0.998065	57.82277639
1.727975	0.908775	40.43164353
1.744545	0.93291	19.28678293
1.643975	0.90569	68.91791505
1.13794	0	33.0537054
1.716245	0.944205	33.91733632
1.64774	0.783545	43.5424762
1.781445	1.093295	34.73799385
1.187765	0	43.75080972
1.757665	1.164415	86.4533726
1.63623	0.81177	16.6392433
1.57517	0.259255	9.656681617
1.87547	0.849255	6.475432928
1.588015	0.283015	1.704564348
1.435335	0.37299	0.590887605
1.78513	0.96928	18.78353573
1.583315	0.90327	5.105259093
1.55642	0.84126	6.297620586
1.755565	0.954035	2.523416385
1.784275	1.02148	0.308411705
1.79536	1.046095	23.45721274
1.78125	1.02989	4.023160629
1.60617	0.852045	65.40773783
2.089495	1.28455	136.0036122
1.91931	1.08732	1.704268539
1.851875	0.96069	7.119962946
1.804045	0.86157	4.251892515
1.76276	1.07612	16.91979458
1.760445	1.07146	25.33413643

1.74994	1.07056	12.21195415
1.74172	1.05164	2.243294052
1.73994	0.95419	6.218339975
1.712325	0.899325	16.66633341
1.82136	1.052935	20.22966788
1.82693	1.056035	1.504635731
1.88795	1.145455	56.16625119
1.20006	0	20.32382339
1.18839	0	9.714598616
1.60938	0.813485	9.435136299
1.87188	1.16894	32.85913715
1.703225	0.9804	52.649601
1.763575	1.01141	32.26778242
1.373405	0	16.0348265
1.284385	0	21.64615913
1.75064	0.84139	21.70845887
1.865565	1.01105	0.840404409
1.86408	1.007545	1.576091629
1.95364	1.18031	11.03226729
1.645385	0.815015	28.39893367
1.91767	1.142265	0.107413454
1.920135	1.149025	119.7850852
1.71328	0.83055	14.17277415
1.665325	0.97597	44.69787712
1.77296	0.853025	0.400999152
2.05122	1.24766	59.41604945
2.04876	1.2549	12.44046711
1.74178	0.843415	49.99325277
1.728835	0.939625	7.923792176
1.72206	0.936885	90.4912807
1.481655	0.51536	3.546529822
1.923045	1.182875	64.15883934
1.575675	0.7805	82.39347817
1.657275	0.82192	48.24699863
1.747215	0.928875	50.02000987
1.683575	1.04681	31.77425184
1.751395	1.05576	61.39232446
1.75197	1.058425	8.191045494
1.64467	0.83706	35.35744485
1.399165	0.646045	17.74085236
2.084195	1.283785	95.22602393

2.08271	1.282605	57.92258618
2.0419	1.237555	0.556397573
1.71343	0.972495	41.34641592
1.467465	0.54514	23.85383809
2.07418	1.3096	29.09174677
2.07182	1.30578	51.1537034
2.07095	1.301745	41.29171023
1.789085	0.991925	18.85806205
1.672085	0.8285	5.371517927
1.902735	1.15551	73.83330866
1.663835	0.9735	11.94427286
1.711365	0.776455	13.80774326
1.709275	0.78114	2.332523187
1.627905	0.8129	26.50890635
1.792385	0.963445	21.47985811
1.72547	1.012705	42.66393084
1.55291	0.745765	19.72651354
1.687205	0.79952	10.98443658
1.734995	0.920605	0.662801479
1.78577	1.02012	17.43613453
1.63456	1.00095	15.09251958
1.70467	0.902785	15.66904154
1.667395	0.832365	23.69070233
1.448475	0.45633	39.93894314
1.82535	1.000945	16.2487627
1.345225	0	70.5753839
1.21922	0	15.09896318
1.5863	0.915675	56.49140977
1.78357	0.993125	15.41942757
1.67595	0.901935	164.4259334
1.291775	0	44.86571466
1.662545	1.00588	37.57917146
2.038825	1.290025	6.695265738
2.039045	1.29103	47.17823927
2.03617	1.29074	8.09877819
1.635135	0.813305	25.83648592
1.659035	0.88101	6.70441017
1.173505	0	24.26782663
1.73094	0.83687	17.94659421
1.700585	0.832065	20.09019621
1.54632	0.677905	6.131546218

1.697855	0.94784	33.26006913
1.217585	0.221475	35.36604684
1.892035	1.013485	2.394488097
1.848415	0.915675	92.94906072
1.81868	0.867955	2.162714336
1.854185	0.965405	24.34650116
2.002375	1.1528	21.75950653
2.00276	1.155695	15.82241304
1.58748	0.8658	12.23540659
1.63734	0.88131	17.19734566
1.8269	1.14438	8.540482614
1.855655	0.94859	44.61414081
1.849325	0.88266	6.24582137
1.85871	1.207995	10.57492296
1.267495	0	81.98967275
1.67919	0.82283	4.321960926
1.670205	0.85578	0.591253456
1.7529	1.062775	24.78753661
1.57024	0.732875	25.44657033
1.23524	0.110245	1.28114112
1.718745	1.02615	14.49428861
1.31596	0.261915	0.405735099
1.87301	1.10907	2.520076238
1.895315	1.124555	24.96854538
1.27876	0	1.507853579
1.70238	0.78363	55.9429082
1.541495	0.78357	15.80461961
1.64776	0.74338	18.16472309
1.81148	1.01341	78.76904887
2.064765	1.314475	193.291271
2.06207	1.298705	64.27183665
1.620205	0.79453	35.25220391
1.65883	0.68807	7.640512622
1.33973	0	38.17293363
1.74476	0.90219	36.99132457
1.228845	0	14.76537425
1.787635	0.996175	13.24106788
1.296995	0	97.35457632
2.158605	1.29796	66.19064178
1.485335	0.90515	40.01759817
1.87914	1.03063	52.81586871

1.782125	0.876095	15.57139001
2.08193	1.314415	111.3956349
2.08566	1.309275	21.53945924
1.641995	0.877725	16.57401848
2.067985	1.308015	71.96630762
1.841325	0.849365	3.419712054
1.85165	0.898715	88.33833181
1.672485	0.926355	17.25570576
1.70672	1.017685	32.19192976
2.160935	1.346515	47.34720739
2.162935	1.338915	0.234615535
1.390755	0.54526	24.02814735
1.602275	0.85966	29.52955463
1.742355	0.866745	39.97126271
1.676	0.981405	37.37931007
1.259575	0	20.29664261
1.255615	0	18.00670762
1.626915	0.824255	29.94859621
1.74225	0.85991	6.436467212
2.03421	1.23769	10.83980584
2.037025	1.24341	197.9660258
2.05397	1.252925	81.87630943
2.055985	1.241325	69.47170455
2.065995	1.248205	38.65846227
1.78081	1.011845	14.58787693
1.52855	0.78331	5.319473733
1.880675	1.03562	66.97301936
1.43197	0.55961	21.16825387
1.258095	0	30.49733357
1.58243	0.812135	1.905189892
1.768415	1.06399	58.27903571
1.572615	0.841655	2.963804826
1.85949	1.138815	94.49703907
1.30989	0	29.26630415
1.265	0.160045	56.46790007
1.23582	0	29.71313499
1.85324	1.11327	51.52251232
1.486985	0.35784	5.003521882
1.720015	0.8372	16.52182825
1.562385	0.59927	31.6031827
1.18041	0	13.52401641

1.50575	0.47228	16.68177246
1.68118	0.761115	3.377823989
1.698045	0.888475	79.51432794
1.8602	1.06575	19.97285293
1.620605	0.66721	12.80100566
1.696615	0.727865	2.540321635
1.74228	1.04259	16.68136205
1.306785	0	80.00478507
1.773275	0.96406	40.30279946
1.778635	0.98015	6.509246319
1.810435	1.024215	46.27928369
1.801495	1.01516	0.23492154
2.19713	1.40997	29.5941354
2.20424	1.40736	83.36295859
2.211855	1.405625	34.49416666
2.226275	1.410055	127.2170369
2.24931	1.41279	61.64133495
2.25411	1.4109	44.57571116
2.259355	1.41153	7.672921128
2.259735	1.414735	1.062306627
2.255795	1.39581	42.69201468
2.25929	1.397515	44.2573383
2.21628	1.30913	16.05378601
1.87876	1.03685	7.521279955
1.68664	0.90718	13.31733583
1.5394	0.724185	0.872399754
1.668985	0.769945	46.60439197
1.249855	0	21.72538475
1.610815	0.8642	16.99791921
1.76031	1.047675	16.53151613
1.66629	0.888385	79.09121036
1.797725	0.889895	0.220377881
1.878125	0.99784	68.62344204
1.88753	1.017	3.013173783
1.9328	1.110665	21.00810885
1.944345	1.096895	8.73330946
1.702705	1.049295	21.56558206
1.373665	0.39917	6.974056405
1.759045	0.998405	27.6466285
1.35935	0.44676	73.02878399
1.50783	0.426875	44.363871

1.68668	0.784105	4.022532845
1.849805	1.029885	39.56408064
1.607155	0.73101	1.630255717
1.68649	0.77951	10.8095471
1.650405	0.878915	72.40711405
1.20599	0	50.41890516
1.64532	0.888375	1.857320062
1.277025	0	45.37293523
1.79465	0.97236	0.691442738
1.863855	1.07538	85.39751382
1.868685	1.07761	0.551705501
2.07266	1.28763	67.43997421
2.07534	1.28639	21.25512957
2.06399	1.330035	105.9483112
1.84508	1.058355	28.83517565
1.55792	0.640085	0.10597028
1.74806	0.91311	3.940080387
1.70859	0.8413	7.498728976
1.6597	0.885555	9.063886584
1.63224	0.819865	10.70167781
1.76864	0.94103	29.97240581
1.738385	0.82202	24.48249761
1.264695	0	50.37219046
1.779505	0.984585	8.336721097
1.58184	0.698805	8.55226523
1.72446	1.010625	44.77685683
1.72014	1.003595	10.09351869
1.71575	0.992155	13.20263497
1.74726	1.04037	32.6752527
1.78521	0.99229	10.4607916
1.67034	0.83019	48.48506755
1.569665	0.64154	47.10639741
1.748735	0.84452	14.91322826
1.755645	0.846245	38.40326299
1.571165	0.795165	70.60919846
1.638475	0.90903	28.7083498
1.849505	1.07526	110.2426388
1.699905	1.029435	24.72871365
1.70351	1.04014	41.40216343
1.683905	0.91584	25.15316847
1.37628	0.34382	3.04417338

1.727925	0.8373	40.94873507
1.318185	0.10463	3.721707847
1.7955	1.0864	82.71362685
1.657785	0.732375	0.980609974
1.77191	0.7565	1.871864367
2.06668	1.292005	28.08421374
2.066035	1.28637	11.76012493
2.071215	1.31226	4.471506065
1.85767	0.998335	28.83321614
1.86718	1.01575	7.512639979
1.21788	0	31.40327908
1.742465	0.993545	27.48944047
1.689375	0.653645	32.93829282
1.98793	1.249715	10.58974807
1.984595	1.258165	65.27813714
1.99844	1.27463	53.00456975
1.191805	0	26.64535294
1.58932	0.808165	13.17870229
1.87811	1.238085	97.27510433
1.247095	0	25.61980717
1.740305	0.828725	88.77430218
1.83348	1.03091	40.42837225
1.65173	1.02388	33.18532658
1.903325	1.20775	34.59882772
1.882475	1.1642	9.748352136
1.234475	0	48.07927844
1.670535	0.82203	79.80310915
1.984425	1.267525	25.93019762
1.70165	0.86866	9.985178394
1.590735	0.767145	36.38157665
1.908295	1.137955	44.67299939
1.891815	1.034055	31.64536735
1.89324	1.011495	0.453977411
1.82792	0.85026	2.987861987
1.72075	1.074265	35.19544184
1.70364	0.994895	39.83948096
1.78773	1.08945	51.33360504
1.577355	0.79685	31.10897278
1.698785	0.970365	94.54332809
1.75571	1.018165	3.265096344
1.742795	0.98484	7.826029343

1.859415	1.032315	22.2723186
1.709735	0.97262	25.70101788
1.65978	0.95099	3.967965264
1.809625	1.147625	18.76898933
1.649235	0.63666	1.328158201
1.858615	1.032705	12.00022436
1.68217	0.872435	49.5413359
1.74235	0.982585	69.35826601
1.76221	0.87915	0.064247802
1.79313	0.95414	47.04229775
1.252555	0	41.49323955
1.651195	0.82211	8.458960148
1.703205	0.83218	25.8770186
1.9598	1.25449	24.49365361
1.742285	1.110465	17.39606356
1.764095	1.14072	12.93906486
1.612535	0.86212	8.241026062
1.22878	0	146.1105844
1.188445	0	7.491225093
1.6886	0.984855	61.4643557
1.204785	0	20.56666817
1.7207	0.958215	4.484857136
1.711245	1.02443	18.56354331
1.692465	0.969335	13.77438905
1.616715	0.81246	13.58078466
1.870175	1.21222	23.32015278
1.89303	1.203155	38.60817317
1.778525	1.06206	7.340060134
1.222475	0	38.94177219
1.66577	0.987705	9.349870143
1.587025	0.85925	0.212756316
1.21809	0	0.446692433
1.74885	0.938555	6.921978572
1.92333	1.20498	27.68985358
1.602615	0.809265	8.36157076
2.055405	1.308555	23.9062441
2.047095	1.30526	49.99933245
1.74537	0.90026	16.64306167
1.53933	0.78894	7.654626329
1.321875	0	12.12823883
1.487325	0.68262	1.863985864

1.64683	0.908435	21.89584399
1.626145	0.86683	25.55937653
1.49124	0.68463	25.79927993
1.6146	0.824205	2.907258717
1.76425	0.91564	39.03195829
1.695585	0.735835	2.22753453
1.549525	0.92144	16.65840003
1.915435	1.2285	47.28557409
1.59384	0.82845	30.71243443
1.346215	0.215525	8.004766532
1.29503	0	29.71559549
1.66248	0.815555	28.26404726
1.625795	0.80771	46.78474337
1.284985	0	21.28754628
1.85916	1.136165	40.15823403
1.858615	1.124015	29.3240433
1.855745	1.11488	34.13577769
1.810755	1.145775	0.027765626
1.824955	1.183335	35.43454859
1.72289	0.94145	60.00732395
1.761455	0.985045	12.47412762
1.78266	1.023885	15.77702375
1.64916	0.870845	19.64640643
1.720915	0.90682	18.07557522
1.65389	0.819235	5.940271579
1.416765	0.44836	13.14090017
1.258865	0	48.99441106
1.29255	0	38.1149123
1.370515	0.262375	0.156821715
1.80844	1.05103	34.55287153
1.605665	0.80107	8.222203109
1.70175	0.968025	26.29571006
2.045715	1.27528	11.95479977
2.040845	1.283765	226.5921035
1.233695	0	33.60909405
1.29723	0	63.51417912
1.27492	0	46.22035753
1.69797	0.83459	6.825080782
1.99666	1.199325	20.85999048
1.722005	0.84232	8.738779795
1.5504	0.485935	0.157776107

1.447205	0.334135	1.247288599
1.67718	0.72186	13.51871629
2.10516	1.30993	131.2187533
1.291405	0	50.37319127
1.297285	0	5.78865399
1.283425	0	85.49311958
1.622015	0.90537	13.39337251
1.71109	0.89629	41.57876269
1.83803	1.14999	8.300574113
1.839405	1.15491	28.87284918
1.64522	0.88996	29.16940766
1.67391	0.89818	47.13894861
1.786725	0.972355	69.84740683
1.664725	0.83022	24.93412722
1.69135	0.896725	0.227197382
1.246005	0	34.55925346
1.70525	1.00258	30.82827314
1.58625	0.79992	39.76940678
1.59593	0.837075	8.448285891
1.330515	0.37159	10.64821745
1.66333	0.858905	12.7006841
1.73476	0.88003	53.45648746
1.61995	0.70743	1.770589193
1.83778	1.139905	0.342656446
1.837425	1.1406	97.70388326
1.800975	1.10893	83.91947941
1.27026	0	67.58968581
1.39043	0.269675	1.48771753
1.746445	0.934495	8.420005159
1.70301	0.95179	10.09678274
1.39209	0.554175	20.14035751
1.818595	0.981585	15.61289104
1.75239	0.88819	30.4202382
1.666205	0.835715	30.40282712
1.69391	1.057195	13.43225641
1.487255	0.79818	5.123617414
1.942145	1.19984	0.834593248
1.942575	1.19784	15.86108818
1.940435	1.190175	3.378882071
1.65632	1.081865	6.388423891
1.58136	0.838745	0.216496697

1.639175	0.97159	110.5137382
1.61486	0.67855	5.605886154
1.91389	1.12413	8.75820736
1.894545	1.122305	56.85124118
1.34453	0.28841	19.19956413
1.339645	0	59.51141113
1.772335	1.164975	31.49041588
2.119855	1.28237	5.699701383
2.12117	1.27975	78.78349049
2.099805	1.27066	22.24774741
2.09764	1.255555	2.234440088
1.650305	0.89468	41.8220407
1.61174	0.87056	38.27952802
1.82125	1.11394	22.78625163
1.79669	1.027375	35.66070217
1.66198	0.93653	30.73471347
1.704375	0.74564	17.07312475
1.817945	1.09758	16.71741646
1.64974	0.83873	42.09029889
1.76006	0.986145	22.98797099
1.76428	1.023335	38.34888935
1.71334	0.89608	11.37224461
1.558055	0.739565	7.03854175
1.722265	0.926835	20.08694951
1.5992	0.673275	3.308144193
1.338525	0	19.23261412
1.92219	1.05487	16.96263646
1.21366	0	17.10454213
1.866855	1.197795	15.83542412
1.858835	1.172055	1.102708506
1.61414	0.783565	19.67585051
1.676765	0.837355	14.30889812
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1.9755	1.040085	2.432454243
1.990425	1.062785	1.614112651
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2.062745	1.19262	4.996010866
1.813485	0.99928	102.724293
1.590215	0.747725	11.88077016
1.34179	0.37769	0.083372478
1.45755	0.50242	42.23141899

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1.4448	0.541105	2.959112558
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1.679155	0.82837	30.66131117
1.344835	0.179595	64.99752686
1.67585	0.870805	27.94640533
1.64847	0.82123	25.45527413
1.772055	1.098805	30.6786908
1.781855	1.08377	22.71944349
1.80481	1.105845	5.846315493
1.963065	1.23005	30.89162666
1.57855	0.733475	6.245897629
1.683455	1.0018	5.537135639
1.53345	0.789015	17.8248701
1.824075	1.205895	68.37693267
1.726015	1.12052	29.31345945
1.72262	1.10966	0.143701112
1.755655	1.097655	46.95189151
1.740205	1.05209	11.99711498
1.833475	0.988115	52.38493556
1.24769	0	35.94894788
1.648255	0.907495	26.67903898
1.348065	0	22.40929795
1.20118	0	29.74260829
1.693975	0.83247	26.22883716
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2.122045	1.334155	33.72504106
2.117595	1.313245	76.74294262
1.63157	0.917235	8.158970588
1.741585	1.032455	9.461258823
1.288725	0.10907	0.874797605
1.64759	0.817485	49.18863673
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1.998395	1.24046	2.946514174
1.998855	1.259175	28.13767995
1.514695	0.847635	11.81917126
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1.869975	1.1477	31.82437227
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1.62869	0.938155	1.472052717
1.675905	0.89074	126.9192335
1.82619	1.12409	36.63850782
1.66195	0.72807	18.83051823
1.768175	1.056865	16.42263208
1.6893	0.96057	12.75255894
1.860285	1.137395	14.51530986
1.717245	0.92655	17.50266192
1.7868	1.119455	29.42436162
1.79793	1.122265	58.69579531
1.81936	1.13975	33.20023901
1.602885	0.964265	1.185909306
1.5624	0.925235	6.456529007
1.632045	1.010615	28.17951508
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1.666865	0.903895	58.66351519
1.695205	0.91589	25.82459923
1.86153	1.138085	13.98038704
1.86029	1.146255	9.378516152
1.69966	0.83311	38.4719333
1.58846	0.8593	27.93620999
1.287635	0	58.73106827
1.775635	0.96978	55.72784378
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1.91799	1.22605	2.214968138
1.91677	1.22562	5.529672685
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1.68352	0.903995	22.42715482
1.55688	0.78983	13.12458854
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1.298895	0	31.24117882
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1.4029	0.294335	0.58727755
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1.271925	0	17.19810262
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1.25457	0	131.192924
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1.89171	1.15754	19.8471638
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1.714215	0.896235	22.85994975
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1.76699	1.126715	35.93821309
1.990755	1.22609	36.6520306
1.9884	1.2225	18.89705808
1.676865	0.7074	29.21730158
1.40881	0.25493	1.265468648
1.341885	0	29.07761739
1.77037	0.85258	32.85907353
1.15192	0	16.65600267
1.61947	0.829245	18.30416801
1.274025	0	21.69634655
1.695575	0.82516	34.12040623
1.73111	0.901465	47.32950045
1.77763	0.761075	14.76413696
1.7656	0.723565	0.400612343
1.63496	0.82043	8.836710955
1.56262	0.76518	0.002531797
1.640765	0.911195	7.426149032
1.69295	0.729335	3.765321596
1.937115	1.249785	44.60403643
1.740755	0.892235	18.7317612
1.70301	0.85422	1.456380844
1.850515	1.153735	60.8003754
1.78577	1.064405	7.466361245
1.758795	1.029025	22.08752738
1.75794	1.088695	18.08456225
1.723145	0.840575	11.20827074
1.174985	0	15.88453527
1.78789	0.909615	31.85316435
1.94008	1.184635	55.152239
1.839375	1.14292	49.00795497
1.283575	0	9.527477644
1.73995	0.928855	2.743454131
1.818415	1.11828	8.158760918
1.776375	1.05063	0.681808866
1.600155	0.8637	2.160288798
2.04452	1.291445	32.25424284
1.831965	1.08731	16.77703498
1.81899	1.058185	44.53423983
1.813115	1.045185	6.861235457

1.617245	0.86673	19.93436219
1.650085	0.826445	4.402363121
1.721645	0.89483	5.839001814
1.764035	1.003235	43.29580643
1.673195	0.842055	16.96047747
1.681775	0.93302	20.70309582
1.656825	0.91643	3.193775312
1.73711	0.859025	9.615293146
1.68587	0.887595	23.07781654
1.57751	0.821025	6.426650841
1.715435	0.875645	44.50613258
1.59908	0.57855	0.418431954
1.740505	0.84784	21.66985067
1.889065	1.022835	0.705593482
1.894875	1.044585	224.3161055
1.59204	0.791825	85.55258466
1.43484	0.322225	1.336624591
1.775625	0.86438	53.32242725
1.66466	0.872045	35.40194735
1.72296	0.97889	1.396888543
1.727555	1.001775	127.1854568
1.65954	0.988185	66.31243869
1.676305	0.911095	6.961359222
1.322565	0	48.30884722
1.786825	0.93264	43.68530322
1.647455	0.86869	35.4659999
1.739345	0.932605	8.955249144
1.771645	0.996775	15.18178918
1.67251	0.834195	0.066669483
1.695985	0.86901	5.272841839
1.836715	1.05685	90.42905153
1.813815	0.986305	41.12962459
1.65832	0.873	8.603436119
1.397895	0.438985	0.438237675
1.617675	0.79563	26.97902701
1.636765	0.87394	1.616743943
1.67788	0.938565	33.33050036
1.79349	0.874215	13.48479473
1.592395	0.761455	10.09690981
1.66832	0.62478	4.917977785
2.00849	1.28381	10.19495736

2.002205	1.268835	8.101475585
2.000575	1.271795	8.784264981
2.002745	1.28067	102.2037807
2.00277	1.28038	82.87885069
1.917625	0.982465	8.792554323
1.883015	0.88863	0.746123669
2.084815	1.229605	4.690707563
2.024555	1.15402	1.581910672
2.027815	1.160035	7.069929446
2.06931	1.24534	25.45344184
2.063215	1.24031	10.94340361
1.579555	0.75523	13.10602493
1.78307	0.999025	116.7556417
1.81294	1.172435	32.28971941
1.78255	0.86074	82.88087163
1.75345	0.95378	34.52044758
1.667285	1.010575	22.76086484
1.904135	1.178425	35.33343292
1.87247	1.102355	3.651684524
1.72938	1.090035	13.99230529
1.57487	0.843925	0.766371745
1.665815	0.76862	4.283710024
1.251445	0.07062	0.100920017
1.225585	0	30.55904037
1.250275	0	31.36690061
1.802805	0.934425	22.53382524
1.831755	0.79392	15.34830852
1.165765	0	25.15657963
1.711675	1.01053	5.082340383
1.731175	1.062635	12.06332861
1.68584	0.821375	8.137528065
1.907775	1.202275	21.09276552
1.91784	1.22463	41.49795286
1.313845	0.08668	20.98064394
1.309325	0.29144	1.2622759
1.63586	0.90899	20.30351511
1.59225	0.804495	1.049232415
1.64216	0.871675	36.73104741
1.605475	0.82929	24.73176319
1.78071	0.94927	3.571797654
1.869905	1.02086	2.292275483

1.848545	0.98157	2.062579262
1.798885	0.906325	5.479968727
1.769025	0.84371	59.1540896
1.688125	0.896225	72.37109684
1.798205	1.004555	38.90901992
1.77309	0.980345	81.04822482
1.756505	0.97296	61.98186145
1.738925	0.9665	69.86398215
1.565965	0.86312	13.32417496
1.605355	0.927335	41.05796407
1.199125	0	36.31526376
1.346475	0.39449	8.523785835
1.667555	0.74669	0.047975514
1.659765	0.77055	27.16913736
2.054345	1.225665	36.98708499
2.04657	1.20693	6.16028661
2.02897	1.284935	71.35002362
1.61763	0.902235	7.920444382
1.2515	0	14.67814607
1.80407	1.05489	61.16367359
2.0408	1.267165	14.56712722
2.0403	1.26767	32.15760438
2.04162	1.268765	11.42337977
1.77227	0.989235	37.14272258
2.074925	1.30394	146.2992851
2.06532	1.301875	22.15258525
2.06154	1.275805	0.335571899
2.06967	1.31118	94.72690684
1.1845	0	59.03145746
1.693425	1.021525	14.33081495
1.64546	0.8225	71.58211888
1.650675	0.88435	14.41085372
1.822925	0.93622	3.437784968
1.435305	0.14957	0.47205094
1.79215	0.805535	2.033892625
1.75499	0.735405	59.96697792
1.6047	0.89145	30.43779187
1.56092	0.647705	11.3547295
1.826975	0.92557	0.797282841
1.86828	1.025395	66.10887069
1.69249	0.8006	0.215523015

1.23922	0	37.92338559
1.761065	0.84454	15.1925133
1.68982	0.76807	1.994000304
1.666435	0.899045	0.890640134
1.6585	0.877205	20.6497673
1.40859	0.473315	0.276936691
1.67353	0.835955	2.704617209
1.715265	0.93656	17.85029242
1.7566	1.011695	0.332398315
1.851015	1.202905	34.33040462
1.85378	1.20381	32.44163873
1.861645	1.213675	36.19057314
1.26241	0	14.07819806
1.67364	0.82522	3.469389356
1.784395	0.93371	56.47740606
1.70844	0.9492	17.95582882
1.711815	0.95615	2.973364064
1.65313	0.901895	10.46402318
1.550435	0.968495	27.6922393
1.70339	0.88073	2.213023241
1.669585	0.90015	8.666441707
1.77735	1.041835	24.13853177
1.74245	0.96317	1.181696746
1.57287	0.748715	1.085450088
1.43451	0.604825	16.36842955
1.21073	0	33.16760596
1.182555	0	45.84162261
2.02263	1.218145	22.57329998
2.033625	1.23329	103.6603099
1.15911	0	49.70736718
1.615655	0.75681	94.80956627
1.27408	0	5.976991307
1.84569	1.08415	71.31331459
1.87823	1.095015	7.555341428
1.87047	1.0882	8.266959862
1.75152	0.98972	16.31595013
1.742275	1.047375	20.92246157
1.39186	0.44278	23.83171684
1.64289	0.94232	5.311647266
1.51623	0.773345	0.784656135
1.70568	1.0012	5.608561947

1.451745	0.594645	0.936793174
1.697555	0.98739	15.28023787
1.692145	1.01101	7.871502429
1.798825	1.033015	14.12229206
1.82376	1.06702	13.74437607
1.650685	0.81266	8.468505314
1.84197	0.897135	1.459069635
1.883115	1.0038	25.94066525
1.895285	1.037475	19.03847579
1.68007	0.88685	16.10771792
1.70821	0.97356	17.8456958
1.714475	0.944665	5.861870749
1.83917	0.84322	7.600603867
1.78057	0.844225	13.36898031
1.868875	1.145545	40.67141687
1.86912	1.13397	15.06143756
1.9682	1.23135	23.11925867
1.946475	1.20974	30.67516624
1.32026	0	43.820983
1.848455	1.164035	75.74362161
1.68677	1.044145	16.90378569
1.87029	1.159175	5.031086886
1.91118	1.196425	15.88876585
1.838415	1.05846	6.23743438
1.799045	0.94727	5.873078553
1.725485	1.007205	10.07515737
1.790225	0.94847	0.80812603
1.84063	1.059015	32.61209069
1.84964	1.07582	43.15253093
1.849645	1.076925	51.42993896
1.33765	0	63.83388521
1.314675	0	15.57425932
1.249735	0	38.4034648
1.78554	1.087335	12.79301186
1.76424	1.063255	3.477069033
1.58499	0.76036	26.30575314
1.126025	0	29.95394511
1.665415	0.973485	0.572134573
1.658415	0.95541	48.35678774
1.874925	1.13456	2.972207888
1.87234	1.1279	5.160758168

1.868625	1.12717	34.88503408
1.844385	1.06063	5.935501821
1.71687	0.92824	31.54139666
1.68639	0.95507	26.73024614
1.72763	0.923935	17.28768749
1.5842	0.73915	80.27769505
1.76419	0.999055	14.76848159
1.686965	0.74739	3.053950969
1.869475	1.141575	69.25585551
1.84691	1.133275	94.02361954
1.639915	0.919365	2.508818398
1.65984	0.970965	16.43468335
1.673205	1.003725	21.59055823
1.60581	0.90933	30.03487185
1.608695	0.807355	20.8211923
1.664345	0.972755	83.57767063
1.6957	1.00778	19.15651196
1.68107	0.90048	9.533322721
1.48024	0.596455	17.99433804
1.752035	0.95332	31.78297559
1.41144	0.296275	0.66629774
1.78543	0.96578	1.416148707
1.79135	0.957035	49.4707015
1.774515	0.91818	0.716173673
1.598245	0.924505	53.05697717
2.11158	1.271755	314.5830768
1.933155	1.0393	0.716534438
1.689145	1.001475	4.02910983
1.6886	1.01213	49.16646672
1.71508	0.87197	6.534638299
1.69578	0.851575	18.63070978
1.87679	1.1192	39.85810038
1.91323	1.134575	12.57381264
1.35602	0	12.49951546
1.741605	1.006005	51.70504634
1.70675	0.969635	62.44466481
1.68338	0.943115	11.29772707
1.28216	0	44.55709551
1.273845	0	34.3097417
1.80996	0.75344	2.738619905
2.04994	1.30498	6.67516294

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2.053475	1.31374	16.9693944
2.049995	1.306695	102.5671026
1.21263	0	31.51876402
1.68993	0.777375	3.138058994
1.897525	1.070835	41.22106149
1.712645	0.848025	17.5286057
1.295815	0	34.09499797
1.336075	0.142725	2.232782804
1.648905	0.902235	2.051018015
1.71037	1.041385	31.44883609
1.71261	1.044675	20.6262224
1.771135	0.980555	16.97268956
1.741115	0.91143	10.36315857
1.702285	0.83387	21.14393166
1.70652	0.9014	10.8625722
1.69291	0.895705	6.85798814
1.965895	1.203315	250.0192638
1.95685	1.2541	72.64795723
1.641	0.639575	9.583313209
1.666385	0.773215	44.46191238
1.594875	0.798815	81.62386051
1.881665	1.07239	49.86796529
1.73001	0.951295	9.499726262
1.72413	0.835655	6.636783826
1.736215	0.87324	3.159621326
1.763335	1.03991	79.76239832
2.050005	1.18672	12.36712723
2.06034	1.18034	16.08238453
1.19029	0	14.41682625
1.56019	0.86687	7.675916035
1.730525	0.843405	26.48674766
1.635	0.746255	13.8019372
1.685625	0.88579	5.153550022
1.81244	1.108935	88.63248443
1.83569	1.023005	74.98699336
1.288125	0.09088	0.915409034
1.700255	0.893945	0.705261831
1.713785	0.933305	30.29693156
1.943655	1.235685	66.09336929
1.635385	0.675935	2.85030485

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1.666005	0.818755	35.59476765
1.490585	0.290815	17.90801868
1.61928	0.76815	46.8182635
1.6814	0.86159	1.418926711
1.67108	0.851	58.31421457
1.395665	0.407015	2.172016347
1.651785	0.906345	47.51459849
1.243565	0	14.38143117
1.57123	0.72073	0.054449977
1.65655	0.92822	33.62456296
1.752445	0.99431	3.190503613
1.748055	0.98051	28.52811841
1.716785	0.90367	2.376951125
1.27824	0	17.21634202
1.93012	1.20141	80.0180874
1.55463	0.67604	47.12565575
1.683465	0.94951	1.719433919
1.703185	0.994825	9.24826225
1.337805	0.311195	21.97722138
1.586315	0.739735	25.84106193
1.612895	0.801855	30.18620023
1.725085	0.907005	56.88676787
1.565465	0.885685	67.19311522
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1.921525	1.082365	27.23579715
1.927805	1.10076	4.749755275
1.943215	1.12058	15.7878889
1.97716	1.136215	1.806298881
1.740085	0.991925	2.935918
1.75935	1.081165	17.05309214
1.755635	1.069145	0.439426046
1.682155	0.823775	4.784235154
1.741365	1.056745	3.950177783
1.78336	1.11701	48.44168269
1.646425	0.81931	20.95976827
1.624895	0.83767	0.030782626
1.65243	0.92844	68.79769953

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1.86796	1.09849	8.889826661
1.89075	1.151375	33.93295563
1.28164	0.256905	0.578705288
1.18859	0	28.93851441
1.593405	0.81416	49.10822536
1.684305	0.925565	16.59796379
1.66362	0.87726	12.40356737
2.06425	1.269055	109.9524679
2.040705	1.257915	8.20817309
1.77771	0.99528	107.3266489
1.795405	1.050845	8.652064843
1.80226	1.066445	1.118011794
1.89292	1.195985	23.48693122
1.261015	0	59.19128126
1.17701	0	34.16699587
1.59313	0.699455	4.179696742
1.641675	0.814835	13.73527016
1.255655	0	40.6860112
1.4216	0.457535	0.950187797
1.5991	0.828885	31.3263711
1.77182	1.157335	1.0830521
1.76954	1.153135	19.42159361
1.64113	0.847605	3.14559306
1.628605	0.823315	29.11211283
1.80449	1.116255	35.46501915
1.69952	0.817805	22.17361312
1.717245	0.839005	29.26546692
1.535255	0.607355	4.114819614
1.83235	1.086	23.27970973
1.253265	0	13.9434559
1.694305	0.81905	18.93500388
1.34913	0	17.89500925
1.7822	0.886635	0.489558434
1.852115	0.9475	0.33511771
1.91574	1.10141	20.06028144
2.08094	1.064275	5.291655893
2.17317	1.21106	110.7406985
2.15541	1.331925	25.04602468
2.168565	1.357205	1.982020526
2.16448	1.354775	38.63593215

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2.155685	1.352555	115.6358667
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1.35804	0	1.948205752
1.626905	0.96746	71.14263226
1.710435	0.89571	44.40517492
1.347395	0.20332	0.369631872
1.670605	0.831145	44.8200657
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1.72518	1.01538	28.84299429
1.262615	0	110.4757757
1.1743	0	20.95317768
1.660775	0.83871	22.22253985
1.23706	0	8.528233121
1.800665	1.09222	3.945805683
1.793695	1.0833	41.38629238
1.194825	0	37.08504216
1.62724	0.79864	50.04622368
1.663545	0.90047	19.59868441
1.91517	1.12812	3.272546875
1.931725	1.169255	41.10824209
1.281895	0	26.0853264
1.555525	0.73118	52.92215611
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1.17407	0	24.6879887
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1.68056	0.92923	19.0895641
1.66013	0.89592	0.665191679
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1.63619	0.81349	29.05232602
1.750225	1.044265	77.89891799
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1.799105	0.957095	15.2790139
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1.810375	0.938915	2.001471691
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1.794975	0.918575	37.22081615
1.75928	0.84015	1.194600468
1.887725	1.05221	0.158700787
1.92704	1.119685	115.8633271
1.801565	0.845905	56.72420692
1.702425	0.81083	9.06851769
1.73624	0.902075	12.02793867
1.65309	0.809995	5.205681944
1.574935	0.80022	7.502914474
1.692115	0.972295	17.0468398
1.57973	0.731535	0.208639498
1.134025	0	14.28018049
1.5663	0.8178	20.27521838
1.322	0.13655	1.319569627
1.77718	0.91057	36.22084224
1.82187	1.034775	30.08726455
1.802965	1.01086	26.59296444
1.67599	0.832805	19.49371889
2.225935	1.376395	41.99578558
2.211445	1.3727	41.05189888
2.20868	1.35123	66.81969446
2.208655	1.379285	27.49169413
2.218475	1.39941	66.91736595
2.19959	1.387025	43.7369938
1.854685	1.105115	21.60240695
1.784425	0.989255	8.986395051
1.803595	1.00551	4.022678219
1.666435	1.042215	28.75643252
1.6776	0.96816	7.663711806
1.72774	1.057145	28.2668556
1.712865	0.83148	39.32412891
1.33882	0	28.86134217
1.641985	0.729335	2.110972508
1.680515	0.80579	1.550716263
1.7587	0.89894	1.350314426
1.7447	0.881905	18.25809642
1.564225	0.85258	12.47039982
1.616775	0.905935	38.56448686
1.757825	0.962285	15.93029778

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1.58488	0.81041	10.25065498
1.179955	0	11.6209863
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1.79442	1.065085	30.39573413
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1.67972	0.7007	1.993071404
1.736765	0.87473	16.34274939
1.580685	0.796795	8.772922445
1.70365	0.8223	11.81382831
1.948485	1.24025	56.05503829
1.847775	1.151235	58.145076
1.53788	0.649615	8.576298826
1.768175	0.96549	10.70211463
1.552115	0.75574	5.803419541
1.62211	0.98213	27.97621225
1.60983	0.86915	24.36701247
1.758605	1.18441	33.4050312
1.614975	0.986845	25.47910481
1.712245	0.87568	30.5247972
1.823285	1.017795	29.61277822
1.790965	0.974065	4.192346932
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1.326945	0	57.06640103
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1.65928	1.00206	66.34016505
1.49462	0.70136	17.29184397
1.5819	0.80747	11.07963298
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1.938415	1.191535	4.115100995
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1.22185	0.147265	1.652990612
1.182245	0	71.24293066
1.653425	0.90521	6.850479709
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1.77953	1.02378	23.187921
1.696315	0.972155	13.96582477
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1.840275	1.124985	70.47086296
1.444885	0.403085	8.409454722
1.71323	1.093745	26.68115732
2.14807	1.292785	134.0251196
1.888235	1.036065	12.64625322
1.869995	1.0095	17.31936041
1.82616	0.85644	5.622390514
1.87185	0.98491	8.911088036
1.723615	0.797305	33.00876681
1.79402	1.019795	27.34529481
1.55707	0.618575	34.3188659
1.77593	1.026765	29.46814321
1.79047	1.04135	73.3713411
1.855815	1.12943	79.02571088
1.87358	1.02172	1.437793928
1.965675	1.140025	5.352272767
1.97246	1.195055	22.42747604
1.76514	0.928965	2.863167735
1.77531	0.958215	41.34253284
1.528575	0.78731	9.846766803
1.609205	0.919625	10.33384975
1.81126	1.098315	21.86150099
1.651345	0.809645	33.13995971
1.489485	0.54642	0.024730952
1.46592	0.578555	0.526683026
1.74782	1.109805	19.67122413
1.755225	1.07791	43.5213308
1.750915	1.068865	23.02556325
1.678245	0.881525	68.42715143
1.215225	0	43.6173941
1.2703	0.13413	2.26496524
1.592225	0.90184	8.652188611
1.865115	1.186885	0.824814676
1.872045	1.203355	25.92836132
1.55311	0.701195	0.844630315
1.66887	0.812795	0.252783702
1.77615	1.082545	66.33916352
1.710355	0.893175	22.02309974
1.65319	0.932375	30.79160296

1.180275	0	74.97621986
1.69423	1.00332	11.65929944
1.65874	0.8978	20.84402643
1.684175	0.620745	4.258559992
1.99857	1.211105	27.45476633
1.997535	1.21424	1.118282188
1.96987	1.21105	30.74579618
1.962355	1.20631	24.32899487
1.72224	0.742765	1.407901536
1.741645	0.873525	2.122329657
1.789675	0.982395	36.28427388
1.64309	0.84889	24.12130645
1.67866	0.72849	0.492020203
1.83914	1.007895	10.43837154
1.812925	0.945115	53.69231293
1.9257	1.215525	28.38452916
1.843915	1.13368	72.01248227
1.745125	0.93209	0.130659634
1.72649	0.915935	0.545131847
1.72252	0.88855	11.46162807
1.90222	1.15291	25.44710204
1.896155	1.14606	14.87741417
1.891005	1.137565	4.826816905
1.660505	0.88437	30.79394071
1.80129	0.856305	27.44105207
1.591435	0.691925	4.349799639
1.68922	0.834045	32.68176478
1.26502	0	1.830700918
1.754605	0.83752	46.32830736
1.6608	0.82278	20.761939
1.754875	1.06876	10.61568348
1.696785	0.760955	3.114241937
1.813485	1.179635	21.88993594
1.75085	1.034225	13.15313157
1.203645	0	4.010896782
1.642785	0.87149	14.50919813
1.691985	0.924415	22.24215077
1.28547	0	49.30096766
1.77885	1.07909	16.19708695
1.635425	0.92956	18.19618048
1.805875	0.99603	76.34068281

1.295425	0.2328	6.691712765
1.74627	0.945685	29.6954931
1.745685	0.952355	43.43121787
1.78567	1.02844	2.374436473
1.78306	1.04335	44.81810313
1.775585	1.024395	21.68583995
1.38816	0	63.38924163
1.817145	0.915045	37.20877006
1.836665	0.971365	0.556518194
1.544415	0.81363	9.565031768
1.566395	0.706335	1.522760789
1.755865	0.937695	12.46860036
1.71388	0.75535	26.39235025
1.77103	1.046055	80.15576468
1.6563	0.819945	66.28444384
1.681135	0.819945	30.50517965
1.75058	0.99391	60.28638849
1.26174	0	15.55703339
1.61358	0.811065	25.95042619
1.35521	0	28.67772245
1.598075	0.65376	80.98161731
1.659785	0.95966	36.24124389
2.16056	1.345735	17.30866191
2.16932	1.354105	49.04748039
2.17949	1.357015	165.8772305
2.17087	1.32807	16.84031111
1.902215	0.963175	24.3486176
1.640095	0.88243	49.24619692
1.23896	0	40.59152126
1.622515	0.81368	40.5536767
1.81365	0.94837	2.605222672
1.794105	0.91426	19.06385348
1.54949	0.4837	0.364183539
1.842925	0.92346	18.47060486
1.820005	0.98247	6.858822352
1.77231	0.91356	24.47623277
1.69474	0.76421	14.99590504
1.70339	0.76001	9.321803181
1.760555	1.041965	17.56115218
1.71399	0.8538	4.542317685
1.73571	0.90898	72.19555417

1.73857	0.920755	35.95687687
1.797235	1.005525	48.42121865
1.702115	0.913095	0.476777201
1.65907	0.813645	19.43079104
1.62055	0.80724	5.991721374
1.64154	0.877265	69.55085858
1.209215	0	19.48885113
1.60852	0.87324	6.235966024
1.658045	0.861055	18.51804467
1.775935	1.049445	41.58412172
1.792515	0.98662	22.76585648
1.769685	0.907755	5.312144975
1.80635	1.000145	25.10606144
1.828455	1.05371	26.2521402
1.823455	1.174865	35.51408388
1.892005	1.26718	18.32162524
1.87508	1.25954	25.14147142
1.69753	0.743555	4.047547362
1.62076	0.826165	21.65506642
1.66566	0.814415	27.99572911
1.71465	0.93407	13.67339807
1.745335	0.83937	26.87165988
1.501865	0.434	12.7643717
1.849075	0.833245	3.903220625
1.789975	0.99402	16.98722759
1.688745	0.762485	2.653281668
1.79707	1.03462	15.29086998
1.88526	1.087575	13.14560915
1.866775	1.12027	38.62898406
1.29098	0	16.0442781
1.255925	0	11.12160491
1.32861	0	73.72872232
1.73891	0.85158	7.770256012
1.582085	0.665315	0.296414998
1.780855	1.10284	23.31005516
1.788705	1.0849	7.47265265
1.793365	1.09043	18.23001499
1.786675	1.06681	37.31696361
1.61931	0.765025	16.38287242
1.66027	0.854265	27.572799
1.66969	0.88249	17.43873622

1.608335	0.73657	10.21185693
2.053155	1.301005	31.4548509
1.75236	0.967595	4.203651761
1.737505	0.94441	17.49735196
1.78876	0.958315	50.07781434
1.799095	0.99577	34.19821537
1.82051	1.061135	71.28004528
1.60906	0.90887	24.41563958
1.60894	0.876935	23.95480634
1.63806	0.873965	30.91394878
1.41689	0	97.98740366
1.91181	1.158855	22.20851041
1.601625	0.932035	39.30710455
1.80158	1.030535	26.52135686
1.73896	1.073	24.30231683
1.702545	0.88881	17.34861661
1.871545	1.001105	25.45825404
1.76452	0.997665	31.90036198
1.25931	0	30.63054456
1.98721	1.222995	81.22864755
1.798695	1.136235	79.52622773
1.805885	0.972485	12.63379494
1.8004	0.972105	34.67424289
1.74564	0.8396	3.120979554
1.61254	0.869375	25.98136963
1.81945	1.13251	31.49287663
1.82893	1.15052	34.55107965
1.519805	0.704365	9.486086806
1.406625	0.41845	4.743962067
1.802495	1.09474	12.5564198
1.78898	1.07343	17.225336
1.61915	0.927215	18.68290447
1.212495	0	26.59871663
1.68903	0.93279	16.1906893
1.254725	0	53.09789014
1.6355	0.77416	15.06860312
1.62821	0.76262	0.138581853
1.642115	0.689615	4.770319286
1.79874	0.93581	86.03305755
1.744985	0.9	23.98729846
1.798645	1.07198	19.47571803

1.79445	1.065315	37.89090678
1.75689	0.99227	7.715509621
1.174825	0	8.623176228
1.17376	0	7.017575177
1.28511	0	16.55348483
1.731695	0.90725	21.57622931
2.054975	1.327185	124.7089796
2.05999	1.331435	37.02588688
2.023265	1.283155	4.165895551
1.312735	0	4.66179067
1.264875	0	34.76062851
1.34171	0.307525	25.28805252
1.646665	0.82061	17.15553125
1.543565	0.621045	28.51563147
1.62379	0.878355	18.79007135
1.698695	0.83417	21.90578508
1.272595	0.23152	3.756691668
1.62965	0.846825	14.03864633
1.585785	0.756705	57.24211398
1.4378	0.565585	11.31501868
1.67998	0.93392	16.66982401
1.31138	0	101.3835026
1.77499	0.920485	33.40277048
1.7038	0.747775	2.261922256
1.60705	0.805235	74.38354951
1.634435	0.87126	3.035833936
1.75394	0.799235	9.373131822
1.717185	0.72657	0.241265
1.59613	0.806725	24.11699248
1.71916	1.08005	15.48079517
1.663735	0.940805	3.232352704
1.24044	0	4.472607645
1.785715	1.130865	32.73363309
1.780965	1.12913	18.85179686
1.78044	1.136235	4.920637119
1.46886	0.63682	5.617539328
1.34473	0.331885	4.553015725
1.620765	0.87932	16.64935153
1.519855	0.72209	0.124222382
1.2567	0	43.84127247
1.697305	0.782345	31.61747922

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1.84196	1.12176	75.42254329
1.845485	1.131455	4.037042584
1.582055	0.72314	15.76312028
1.219355	0	19.25790299
1.58535	0.870375	46.22859088
1.912395	1.174575	27.32550244
1.689525	0.79384	11.42759067
1.717895	0.8722	7.171290807
1.7206	1.04131	32.04426284
1.944055	1.22406	2.938170869
1.95009	1.25367	66.32463863
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1.713105	1.002745	17.38823655
1.819365	1.17743	53.49642599
1.24662	0	15.66387962
1.806385	0.96243	45.53525759
1.289565	0	47.39096951
1.80122	1.06929	76.2791869
1.42668	0.579215	26.96725227
1.658075	0.99788	24.16622539
1.5574	0.75922	15.47482267
1.21643	0	28.6446843
1.592065	0.759855	2.771227906
1.786155	1.10339	29.57142232
1.796995	1.11122	0.976855961
1.76897	1.019045	45.64439631
1.66445	0.821585	7.752197471
1.71617	0.83139	14.31311746
1.638135	0.899705	5.162137973
1.672355	0.97743	29.33427653
1.375785	0.44105	7.300268993
1.337295	0.37657	2.947913819
1.6198	0.79851	0.024030397
1.65994	0.86227	65.72595353
1.44497	0.487625	1.719287181
1.464385	0	116.9469622
1.931535	1.044835	18.95896769
2.005395	1.179885	11.34497489
1.70208	0.766835	46.71767408
1.895405	1.04881	39.28445362

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1.460675	0.20574	0.754789224
1.798375	0.906145	25.27314091
1.79087	0.844555	28.62828376
1.72783	1.11013	3.846855844
1.7222	1.100905	21.51260028
1.715835	1.093865	31.64155801
1.9391	1.23981	59.02327806
1.934685	1.239605	63.73484416
1.928	1.23366	21.63387593
1.92676	1.2322	59.96624905
1.237775	0	14.73266304
1.608585	0.864575	55.78959363
1.91452	1.227845	18.17483459
1.91357	1.226285	1.213670057
1.653795	0.827325	26.23663854
1.638885	0.816965	10.31686831
1.26604	0	29.75602393
1.601065	0.756015	1.098420105
1.66617	0.917415	8.55304167
1.711655	0.93357	7.270503841
1.922365	1.17401	6.668589393
1.68522	0.83575	4.764183483
1.6038	0.75798	6.74436299
1.96096	1.22546	291.6353376
1.76981	0.921045	2.2120186
2.02644	1.19777	49.24077834
1.73306	1.059135	52.79728794
1.716195	1.032335	7.360320695
1.20682	0	9.808136492
1.76395	1.045725	55.41198397
1.65359	1.025155	31.27450712
1.334365	0	38.06666908
1.68023	0.84882	38.87370667
1.670655	0.70771	5.362768389
1.8196	1.05415	30.49855836
1.808915	1.042325	57.79921275
1.779285	0.981165	26.87159676
1.708585	0.795075	14.04473531
1.738855	0.989395	7.776549414
1.727535	1.08026	0.716052316

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1.883155	1.223055	35.43704633
1.88119	1.228365	31.35472066
1.8779	1.212635	7.770956933
1.72696	0.8892	27.06674726
1.80981	1.07054	84.8938925
1.790485	1.02446	108.8280797
1.79681	1.074105	17.38230025
1.190255	0	14.92001524
1.236545	0	0.500373071
1.477395	0.514225	0.346195971
1.83765	1.130365	80.68280634
1.613995	0.794555	16.37867903
1.672985	0.72512	2.392555875
1.9234	1.292465	32.17334785
1.92508	1.291625	15.08762702
1.80509	1.20196	120.4124471
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1.640695	0.82399	8.993845461
1.97963	1.21069	82.93189334
1.985015	1.229645	59.24730918
1.932775	1.135125	14.19218981
1.630575	0.79697	10.75790242
1.93748	1.08503	46.37146751
1.91691	1.053875	17.21902259
1.4633	0.585685	16.14116273
1.169705	0	26.74704741
1.799785	1.004295	37.89831767
1.791665	0.996725	32.12025803
1.711845	0.86727	10.04376395
1.692205	0.827895	17.13049088
1.67188	0.61727	6.014858683
2.07397	1.288695	39.47426036
2.051605	1.2744	91.19933208
1.64917	0.798915	9.642068578
1.65558	0.81966	0.27960667
1.53492	0.70196	6.898710355
1.866285	1.06981	0.246524259
1.887945	1.114665	26.48062871
1.888355	1.07815	0.092837278
1.8498	1.09429	23.52249799

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1.75082	1.008895	25.39702872
1.373765	0.525715	2.956584287
1.773965	1.147875	30.14868191
1.781945	1.16343	9.055062464
1.804345	0.950915	0.132076418
1.78806	0.91146	38.91426407
1.71423	0.90211	14.2318864
1.384085	0.35521	5.174380946
1.68875	1.050605	23.2724274
1.2452	0	45.27538521
1.689445	0.83254	47.36206154
1.826055	1.069155	31.98339151
1.827175	1.06576	24.25766489
1.626935	0.87942	6.643314143
1.651025	0.81679	17.14390577
2.03601	1.257025	139.3040897
1.86292	1.091735	15.41848636
1.90857	1.157855	14.28981868
1.88551	1.19514	4.322461995
1.900805	1.206775	34.39124138
1.90895	1.20893	10.85989538
1.65066	0.829555	15.03418486
1.85218	1.113565	95.63085288
2.016665	1.24708	274.0035874
2.012775	1.223735	65.97024681
1.87871	1.180755	29.33175677
1.60836	0.811495	40.83557612
1.675585	0.92063	3.387264675
1.797045	1.19759	34.09490712
1.71854	0.71754	6.850227285
1.66911	0.772575	12.78405926
1.696285	0.798245	2.866073732
1.366575	0	65.27094731
1.67267	0.82433	8.586786876
1.71632	0.92282	40.71806839
1.707185	0.952415	9.258722033
1.636355	0.82511	3.170103595
1.7697	0.96867	0.216005926
1.83042	1.133915	21.4388837
1.83273	1.142155	0.525913728

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1.784775	1.08123	17.52710339
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1.584725	0.48046	15.73600587
1.70404	0.952165	9.936396649
1.61688	0.9203	19.67133231
1.675275	0.884915	21.28276128
1.68829	0.924815	36.80463473
1.632	0.928825	69.71454625
1.72662	0.91407	16.77658824
1.701945	0.88354	5.507045263
1.63941	0.81294	15.8457728
1.51961	0.82889	10.10755225
1.72716	1.0704	37.80155762
1.745675	1.10976	25.60414791
1.678705	0.83354	16.07605761
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1.741595	0.73065	30.57487271
1.70049	0.671805	0.571554765
1.60511	0.709305	7.295700443
1.73558	0.89525	42.75887305
1.746265	0.86602	5.153340629
1.746485	0.990135	8.163341312
1.784925	1.027685	40.72011412
1.68998	0.98479	34.83429229
1.847405	1.110555	28.00657956
1.85129	1.11124	16.5595218
1.69718	1.08522	60.15693925
1.1897	0	36.49896178
1.80806	0.77536	0.463936257
1.904145	0.93958	8.220408187
1.85874	0.867185	59.8976981
1.705845	0.83793	22.40176721
1.7501	0.91746	2.504157376
1.56516	0.79327	49.72315556
1.69062	1.056245	6.694856333
1.24947	0	52.78788096
1.73168	0.8314	40.02133615

1.77759	0.83754	21.07916107
1.792715	0.87701	3.771078148
1.686675	0.9023	36.95621902
1.652	0.82001	7.690634581
1.752205	0.967095	8.916180816
1.780295	1.085125	26.16891264
1.22502	0	21.09167288
1.854265	1.072305	20.36348885
1.71759	0.84122	52.33253181
1.75292	0.93823	5.852741363
1.611855	0.73379	32.87682936
1.72512	1.005225	13.22500069
1.86645	1.15947	32.77050895
1.236885	0	0.838066119
1.564755	0.801215	19.00301623
1.231545	0	35.6343806
1.60621	0.740185	42.11898934
1.301185	0.30977	13.1285242
1.65325	0.85812	35.90568674
1.693265	0.830425	6.926850104
1.79447	1.07248	47.61614063
1.20964	0	7.752466622
1.757085	1.09608	56.35254009
1.78086	0.95025	24.07318072
1.58149	0.915255	12.23210946
1.618185	0.744325	1.82309669
1.695495	1.07473	20.54384468
1.22013	0	4.763872674
1.60501	0.89857	13.09474927
1.31925	0	21.68289852
1.661175	0.812515	27.39787185
1.58722	0.666755	7.1968964
1.916645	1.03215	4.36781877
1.926375	1.065165	39.11947885
1.558305	0.62471	1.960643513
1.57539	0.862045	13.08764504
1.52074	0.72834	38.44078257
1.619985	0.777645	1.040531633
1.64565	0.81924	9.278707701
1.601825	0.91933	43.24247772
1.2586	0	46.74519992

1.70714	0.93177	32.39084471
1.653705	0.77837	15.00613998
1.74501	1.02965	56.68385537
1.729605	0.955905	103.0770391
1.45967	0.40225	10.03352515
1.84323	1.204745	95.67290344
1.798365	1.014915	14.02950048
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1.724075	0.94891	19.77540987
1.081525	0	10.34523348
1.717835	0.929075	21.45464639
1.268115	0	29.98609918
1.557635	0.928955	44.12375229
1.484735	0.75495	55.78128374
1.715905	1.10794	68.11283223
2.01659	1.263305	2.524176217
2.016925	1.264685	40.99491466
1.6732	0.86408	2.12876836
1.661865	0.83818	7.902301539
1.645585	0.801635	5.168238326
1.617915	0.739395	8.552754949
1.243125	0	10.95704617
1.68003	0.899305	0.533004738
1.679865	0.888255	204.3942732
1.689125	0.91672	27.18071179
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2.089305	1.33835	42.31215145
1.806655	0.94079	64.27411969
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1.51599	0.40503	2.990683617
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1.777925	0.898895	79.65785402
1.687915	0.89864	37.10979956
1.24524	0	82.82882419
1.876695	0.980115	3.202739091
1.902245	1.05743	131.7333148
1.90953	1.068005	23.95484839
1.980145	1.24471	73.89823145
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1.81908	1.134215	38.10914867
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1.71991	0.902235	0.375728467
1.284685	0	31.1772612
1.33432	0.429345	39.2938933
1.68327	0.85713	65.36243997
1.20394	0	38.65612606
1.72615	1.154685	36.3240833
1.764975	1.03823	58.17758286
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1.747695	1.042815	41.31497366
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1.20148	0	16.83726261
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1.876155	1.085565	3.467316141
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1.949675	1.206525	24.23809254
1.952365	1.208935	3.576756023
1.968145	1.233795	5.168215856
1.97084	1.237075	6.287463726
1.97272	1.237485	54.85066007
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1.743055	0.97436	27.33220376
1.51155	0.46966	4.385010159
1.77647	0.893765	1.323817982
1.7714	0.899095	7.340252891
1.772355	0.93672	32.01021269
1.74563	0.89259	31.51485537
1.65376	0.813035	11.13951526
1.83395	1.02908	50.40303456
1.833705	1.01724	4.325446143
1.368725	0.405265	40.05226596
1.873115	1.14198	13.6810845
1.98831	1.216995	4.126565938
1.943395	1.23646	75.00448917
1.93192	1.21145	18.89098103
1.933995	1.213945	89.19994521
1.62001	0.943145	0.890405841
1.63893	0.99973	34.90288008
1.40579	0.66661	0.874525083
1.62869	0.938345	2.152554094
1.714715	1.14335	21.25269679
1.6889	1.115395	46.20964496
1.705845	0.897655	28.14960962
1.3093	0	22.89986568
1.381575	0	39.49039685
1.53406	0.609765	23.16310904
2.08329	1.30874	79.79386907
2.07327	1.2926	191.9644789
1.975085	1.26024	50.80640708
1.302525	0	29.31980227
1.732935	0.86535	16.72867096
1.635915	0.81798	12.44929863
1.255125	0.069255	0.367887768
1.21752	0	92.50999289
1.638755	0.82699	174.8057195
1.69339	0.99946	66.78108919

1.229755	0	86.64214978
1.79354	1.17238	113.91569
2.08446	1.292305	13.76292367
2.081445	1.289625	1.647644468
2.11314	1.363765	56.95055219
2.10466	1.31386	25.37359189
2.12362	1.297255	16.87885821
2.124835	1.295475	14.99301719
1.757505	0.977515	33.39277127
1.63956	0.785695	4.687354437
1.737015	0.84067	22.95454278
1.792385	0.969905	4.497424601
1.807815	1.00631	25.92082911
1.28396	0	24.54887765
1.582825	0.68888	18.06488739
1.696475	0.84253	0.045840156
1.28394	0	23.70224942
1.905175	1.268975	49.47357592
1.58042	0.78648	58.87275923
1.6764	1.01687	59.98702234
1.52954	0.623735	42.97464656
1.770725	1.09378	15.3922529
1.738215	0.840675	33.78526038
1.614105	0.86709	57.49760307
1.32657	0	62.41230988
1.578985	0.81579	7.285665044
1.59456	0.848195	5.252299692
1.85593	1.131925	16.01014755
1.20124	0	40.12406205
1.658885	0.79728	20.32305897
1.52943	0.697185	4.469431199
1.75626	1.04898	72.37832261
1.569725	0.79234	34.0821079
1.595965	0.85304	1.031453575
1.45088	0.54873	18.42129152
1.45979	0.519255	0.512973498
1.703575	0.915485	16.50578351
1.7378	1.169065	18.58442097
1.7937	1.06647	1.266963761
1.80311	1.08941	14.32410457
1.747015	0.872075	4.164706789

1.71518	0.839425	18.66111501
1.84931	1.09824	30.91339711
1.94901	1.07639	9.233705307
1.946315	1.069475	15.92651955
1.680605	1.0481	73.51652214
1.804685	1.038425	3.071560954
1.788805	1.014795	0.904895541
1.778395	1.017075	23.11336466
1.74627	0.84456	13.00548077
1.94213	1.15578	25.15439552
1.942695	1.156025	17.96049531
1.91718	1.160645	24.70316959
1.63454	0.79702	53.61789799
1.63967	0.799765	19.54457901
1.98672	1.21644	1.102033779
1.9831	1.20873	29.9499535
1.40287	0	1.906956394
1.54863	0.672905	11.0382871
1.78673	1.14956	23.50719575
1.78901	1.15278	8.426730984
1.169855	0	26.54325561
1.74614	0.96016	5.90947551
1.89225	1.14963	18.97176273
1.881695	1.132745	0.485794082
1.588805	0.86464	90.72002995
1.623795	0.973505	41.85395298
1.78497	1.117525	55.41518242
1.753385	1.06897	3.514739675
1.625185	0.740615	2.562387177
1.621195	0.956965	50.73444041
1.67666	0.82659	36.49471405
1.700625	0.892455	4.457314889
1.62366	0.916235	12.96641777
1.935245	1.218845	46.572348
1.92994	1.22748	17.4373634
1.924825	1.213245	14.1050273
1.85916	1.11652	9.544686652
1.704455	0.83083	15.24779585
1.634065	0.74412	39.81028508
1.745155	1.010215	30.93572031
1.639765	0.82051	2.974981925

1.911495	1.04574	79.14499949
1.844595	0.930475	22.04171318
1.241835	0	9.83628562
1.751015	0.76215	0.044488201
1.972165	1.24924	17.95255006
1.97233	1.250415	32.90325561
1.583205	0.86051	13.73870977
1.60736	0.896095	17.08085397
1.1802	0	15.77901197
1.25833	0	22.87148043
1.7406	0.72257	3.768767885
1.734935	0.77889	37.83656842
1.80054	1.086665	0.400981122
1.81149	1.105965	43.01595274
1.809605	1.011885	47.08191002
1.776755	1.01749	11.12897345
1.64677	0.98717	37.21118499
1.700935	0.808755	9.394440472
1.286265	0	43.63908395
1.706565	1.04068	6.612015321
1.58716	0.8758	14.46894234
1.84414	1.141405	37.85997245
1.25935	0	12.89120339
1.754225	0.857415	0.713074393
1.87715	1.091155	43.19204683
1.892205	1.113905	4.782403577
1.42641	0.521405	3.543580722
1.72243	1.038145	8.177171918
1.568285	0.80931	0.168710432
1.741185	0.933625	0.244773549
1.69759	0.8321	55.12097624
1.71428	0.93994	48.19663059
1.69773	1.06089	38.98440482
1.75278	1.0571	31.38421974
1.721705	0.914305	9.086333157
1.604645	0.937855	34.38432814
1.16515	0	17.99303416
1.44278	0.535765	26.56947749
1.75981	0.908195	49.71077463
1.247445	0.2951	0.431631556
1.421455	0.723535	19.5730217

1.847615	1.2072	68.90459984
1.75267	1.02248	17.45700234
1.792805	0.995055	15.08795006
1.76156	0.96605	69.31583205
1.770315	1.128315	16.48815264
1.768915	0.9627	40.33790496
1.73018	0.858745	25.28343314
1.7337	0.934005	0.121089719
1.773225	1.005925	0.126110468
1.801565	1.06707	22.53323228
1.8062	1.07908	22.61131851
1.23487	0.068965	1.093277531
1.218595	0	41.1339074
1.730505	0.980815	15.09125554
1.57564	0.78397	6.57058159
1.77481	1.130985	18.87758852
1.76313	1.117845	0.677271504
1.80376	0.91049	30.95199512
1.695065	0.75516	6.350190606
1.680955	0.728205	0.501659696
1.80485	0.917595	25.0455829
1.3595	0	63.14139333
1.31389	0	64.51027968
1.86308	1.10046	42.68843179
1.864455	1.1101	17.24508341
1.176925	0	14.06505662
1.260865	0	67.7112258
1.26771	0	50.15391588
1.677015	1.09347	9.642067142
1.84334	0.996565	23.08605722
1.906175	1.126205	0.554095876
1.747125	0.84543	11.1272308
1.671245	0.91174	9.705702337
1.233125	0	24.33620955
1.4584	0.554055	12.35371701
1.695745	0.827045	53.14277646
1.234365	0	10.75797062
1.931195	1.23585	51.12331202
1.71041	0.89356	5.885738773
1.683385	0.8588	16.9153387
1.588105	0.914935	16.8784482

1.70541	0.89578	22.60567599
1.48935	0.49457	38.14010333
1.754455	1.05137	74.10310733
1.702635	0.886525	68.03493017
1.774905	0.84487	38.68146642
1.570425	0.853715	39.4934346
1.42409	0.31699	1.337900698
1.616105	0.79193	0.897889153
1.815245	1.08173	35.42252074
1.775995	0.99708	4.054786166
1.704865	0.850235	17.78521204
1.271675	0	65.19350085
1.66527	0.608075	54.15401478
1.742925	0.82876	0.178817252
1.73675	0.94253	8.279932977
1.92793	1.18801	5.367333204
1.93562	1.213625	35.11924226
1.2824	0	54.11921
1.574685	0.80258	27.92589399
1.867675	1.221245	11.4433816
1.868215	1.223575	27.98591146
1.86788	1.223355	42.97947369
1.473765	0.38055	0.30611836
1.27789	0	55.00640241
1.7883	0.951195	78.94458311
1.74931	0.91509	38.30964683
1.67219	0.989915	60.67914491
1.603995	0.908895	52.21759193
1.62556	0.819335	0.245714977
1.654035	0.90987	14.39224949
1.32451	0.36872	2.16971497
1.726535	0.83146	18.55102057
1.75722	0.88686	16.34087702
1.433775	0.548885	0.289198565
1.71086	0.96159	5.865129056
1.32579	0	2.387698758
1.750735	0.85947	82.27483422
1.41834	0.42908	6.728466454
1.578245	0.723245	14.11417422
1.785765	0.99749	47.95678417
1.77212	0.962025	13.72186409

1.27361	0	13.64432161
1.64977	0.82047	5.539943329
1.612105	0.83939	43.85795845
1.658485	0.825035	0.624422397
1.319535	0	28.42915253
1.69339	0.826665	75.5956252
1.745075	0.88823	29.20578226
2.07351	1.123525	91.1576067
2.08132	1.194475	32.98237812
2.08358	1.217035	39.2095709
2.0404	1.136695	16.33325614
1.72831	0.45953	0.970686942
1.496075	0.613585	11.95450278
1.411105	0.32749	3.673356397
1.705625	0.86861	23.3763305
1.72754	0.911565	20.10513011
1.75269	0.95662	8.027452869
1.73049	1.05907	54.70031487
1.829515	1.189615	36.11420326
1.202425	0	68.75331865
1.909065	1.276585	18.27549932
1.899245	1.2459	69.63294851
1.918145	1.289335	5.283854874
1.774105	1.076365	50.57307898
1.609695	0.750075	9.641364175
1.39263	0.379455	58.32160348
1.6733	0.82892	19.68649436
1.79608	0.85298	7.540461656
1.859275	0.97369	8.320873799
1.82435	0.88613	53.51346956
1.645295	0.81777	21.71905581
1.688015	0.833585	3.825640188
1.611385	0.880445	15.53481308
1.579115	0.795475	0.749061545
1.62829	0.88364	33.98804634
1.871315	1.093025	21.64432854
1.86937	1.09254	49.68671593
1.83683	1.05195	18.66079395
1.55285	0.61316	0.521406453
1.81444	1.05491	34.79230025
1.788555	1.01362	7.748999838

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1.61346	0.812875	23.04439605
1.717615	1.080065	0.835758367
1.727775	1.0864	60.54398805
1.864755	1.09909	29.49116978
1.87628	1.120985	16.09875218
1.893965	1.155735	44.14667669
1.89396	1.16015	27.30662919
1.65674	0.90528	75.2346914
1.917705	1.112055	18.48722989
1.981275	1.260135	43.90130774
1.713765	0.840615	3.248008574
1.295205	0	46.68134559
1.61911	0.8072	28.56429436
1.645785	0.8733	0.650649522
1.68494	1.003405	3.082615918
1.67214	0.96989	9.127794731
1.717075	0.98588	9.63392517
1.371515	0.350215	1.385520451
1.601645	0.811045	25.1907317
1.64245	0.917655	16.71747505
1.65762	0.95765	0.09513869
1.80838	1.14375	43.47844929
1.245445	0	9.958988306
2.26857	1.399645	181.7473704
2.29041	1.425705	100.1406898
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2.267235	1.432515	147.4218095
2.253685	1.43069	74.93067054
1.82952	0.681925	56.24270211
1.711255	0.985375	14.28430619
1.26313	0	47.07921199
1.698975	1.01265	123.2564002
1.701825	0.93983	18.98896021
1.72699	0.835445	38.9507249
1.71858	0.840165	0.283196981
1.286625	0	3.700087221
1.75559	1.060045	34.20060272
1.579355	0.797905	8.513744127
1.637065	0.938655	43.25542619
1.645675	0.67611	16.81880983

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2.03287	1.28663	18.02801535
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1.82072	0.973895	0.656902854
1.80529	0.956645	10.97203831
1.699515	1.012375	25.17584042
1.732025	0.906345	14.6010152
1.734545	0.88812	4.804766716
1.777145	0.97391	47.87766372
1.785005	0.988615	0.298108051
1.829375	1.10307	43.25648746
1.205965	0	20.50485521
1.84561	1.095315	58.88580216
1.906195	1.11293	59.78231159
1.265495	0	20.74590206
1.66771	0.75922	5.929346693
1.75262	0.848045	49.25425263
1.816325	0.91564	28.40571415
1.437935	0.135365	7.862373026
1.682545	0.921655	47.86521947
1.833195	0.998165	14.66786276
1.83926	1.00934	26.94418285
1.828995	0.956595	5.034334897
1.25261	0	26.02415968
1.74412	1.039685	25.4256219
1.645205	0.7289	50.58852782
1.71467	0.831735	15.18011017
1.8491	1.094185	74.91942272
1.746945	0.85231	3.06269482
1.72915	0.835265	29.91382184
1.60475	0.79277	17.09883103
1.368905	0.461175	0.546075278
1.31744	0	48.89968435
1.63851	0.819175	23.77529771
1.669035	0.940235	9.106496592
1.651385	0.9251	8.990520304
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1.7317	1.032315	43.6162435
1.7097	0.89107	32.88390951
1.619665	0.79915	0.087621572
1.68499	0.738065	1.346464
1.937565	1.23155	25.64656046
1.96219	1.22649	5.973317377
1.9607	1.22431	50.74550463
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1.244535	0	17.78256787
1.69941	1.024925	13.71159237
1.68106	1.02136	62.26927826
1.69776	0.866145	125.9668297
1.584025	0.79061	14.7502148
1.713775	0.99897	25.30441581
1.6399	0.878495	15.72718312
1.730895	0.894005	4.73812726
1.76296	0.969035	48.43202479
1.57529	0.797525	55.38478467
1.63436	0.835055	7.791533293
1.798695	0.99374	14.69473708
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1.55757	0.59905	0.205321406
1.738585	0.95318	89.85989658
1.322155	0.26235	20.69236996
1.87007	0.95132	19.39071221
1.909115	1.024725	63.80488935
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1.72165	0.793145	8.389731597
1.70887	0.93263	7.488218156
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1.790345	0.957005	9.138483429
1.73644	0.86512	2.860908011
1.73607	0.891295	6.14853664
1.7219	0.93622	25.46713482
1.753635	1.018725	42.87995886
1.599225	0.806735	10.79787398
1.315375	0.286775	9.649297681
1.263055	0	22.07953941

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1.76886	0.85142	43.07436777
1.68047	0.6956	26.64510222
1.848505	1.14066	49.91933922
1.842735	1.13827	21.5137197
1.73568	1.02719	16.25106255
1.736735	1.095275	17.87121708
1.34508	0	52.67393005
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1.717915	0.964465	3.740811659
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1.609515	0.81135	44.52237727
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1.789625	0.95467	29.42005615
1.13092	0	17.65764683
1.686505	0.88732	35.07988538
1.829785	1.13692	66.00963511
1.67695	0.825445	1.116060017
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1.737795	0.93897	3.549448276
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1.573765	0.579275	100.9958923
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1.911015	1.21739	3.244690539
1.911845	1.218695	32.4964356
1.903305	1.20814	18.36802777
1.89976	1.204085	12.82496241
1.64354	0.817105	21.89012555
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1.83867	1.089155	11.77689839
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1.73709	0.906545	14.36200723
1.302535	0.502335	41.56181631
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1.72447	0.84209	22.48376787
1.760205	0.93154	0.179316731
1.822035	1.066945	72.2499049
1.56015	0.793725	17.22012218
1.86991	1.144345	33.04706697
1.85389	1.14473	22.6775766
1.6228	0.78042	19.83658659
1.22826	0	49.35507292
1.820735	0.785705	16.75563535
2.16337	1.319495	33.87162612
2.16329	1.35848	44.34388919
2.172975	1.35551	48.63933238
2.07285	1.229435	1.872956372
2.135	1.31206	87.74924228
2.136665	1.31242	1.888476899
1.751945	0.92958	12.23427797
1.705725	0.88831	17.61114638
1.95588	1.090765	9.14118879
2.092805	1.30054	79.43532077
2.08639	1.293365	6.644826186
1.28434	0	37.21305307
1.65848	0.921905	48.66021492
1.821115	0.88801	0.259265925
1.872685	1.017805	37.77933748
1.59531	0.499765	3.361398086
1.549535	0.77891	27.26848354
1.721945	1.011515	46.49801983
1.57908	0.85982	2.444595835
1.65225	0.944725	46.52692845
1.771305	0.905475	18.05112897
1.62013	0.86022	15.69027773
1.519325	0.309895	50.56386841
1.684755	0.92696	29.60282211
1.84519	1.08465	2.003462065
1.841435	1.08082	54.5109232
1.834625	1.07697	87.9552212
1.73007	0.890365	12.86138643
1.674015	0.77515	17.17486014
1.28754	0	44.9335091
1.64738	0.815305	34.11139256

1.644925	0.843935	19.84376038
1.74561	1.09206	67.69996438
1.29741	0	21.79593341
1.701835	0.785095	3.734169907
1.719725	0.851005	10.49623476
1.94864	1.20744	64.80601918
1.9513	1.204695	69.42672655
1.949415	1.192465	21.78219171
1.47045	0.659975	35.61122854
1.62979	0.81574	17.09813077
1.23985	0	32.44442101
1.56629	0.797325	16.00475276
1.59301	0.86196	0.981284465
1.74878	1.05792	30.74057765
1.852255	1.09918	24.13278609
1.810835	0.97704	21.24098899
2.03247	1.258655	6.546764834
2.025085	1.252975	1.889698847
2.02334	1.250915	28.05770714
1.64333	0.81922	12.68255643
1.938405	1.24519	257.4812481
1.91523	1.216675	88.83405403
1.743135	1.014395	69.67171584
1.72929	0.92371	45.43841396
1.809715	1.158945	34.10423643
2.07042	1.29241	7.705651591
2.071715	1.29331	14.44578938
1.881315	1.07681	7.819004532
1.844635	1.00009	4.492741495
1.7218	0.869185	11.84428102
1.626065	0.81268	10.31370562
1.736305	0.91162	26.35787608
1.615755	0.80817	69.74522558
1.25233	0	44.60044321
1.74899	1.05167	99.2751958
1.7076	0.8956	160.231786
1.88747	1.1103	45.69300015
1.68052	1.061275	47.00690538
1.71279	0.94519	1.588623382
1.73723	1.006395	41.34503097
1.787055	1.09634	37.59001439

1.288735	0	31.91918963
1.76303	0.850065	49.9386487
1.85723	1.06836	43.84889348
1.84316	1.02712	50.42080748
1.864865	1.1444	9.181155408
1.746845	0.89435	16.80553013
1.14492	0	25.21510416
1.227335	0.14686	63.47930206
1.69167	0.896375	20.66203115
1.769305	1.022	26.18651161
1.702815	0.888655	6.962482058
1.20858	0	23.48910259
1.288445	0	28.82637747
1.813855	1.110635	37.82118329
1.80816	1.094315	22.92600532
1.579425	0.90132	57.79683972
1.71007	1.010295	18.26695924
1.71542	1.021745	0.873446368
1.75221	0.84699	54.46565505
1.69389	0.893625	34.46476258
1.13344	0	59.44928914
1.750265	1.079995	9.990225034
1.7484	1.068125	20.78977557
1.8481	1.155045	5.973139999
1.851245	1.16934	38.49638
1.672755	0.911435	43.23304328
1.795415	1.04303	19.31422655
2.067935	1.34045	35.302756
2.057805	1.33536	160.2490005
2.05534	1.33559	17.05953768
1.76149	0.702425	11.74024966
1.92434	1.234825	90.53413031
1.928315	1.27193	18.85045381
1.654365	0.90245	1.038935864
1.26445	0.14056	14.38220109
1.693365	0.94234	4.132167476
2.078995	1.29782	97.68303247
1.89748	1.196725	89.84196954
1.329245	0	25.283786
1.741655	0.911765	19.36214897
1.786725	0.948585	26.81988516

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1.652895	0.82387	3.136333176
1.59556	0.77004	14.07039095
1.214325	0	29.99202638
2.033715	1.218815	31.87027188
2.03683	1.229025	4.791002484
2.03938	1.240965	42.60983222
1.703665	1.031105	27.9025505
1.730675	1.096765	33.44430745
1.73727	1.109745	9.824764177
1.600695	0.820905	4.454847259
1.24413	0	25.26838997
1.96997	1.16827	5.599940471
2.14259	1.32772	81.19990149
2.14161	1.32373	18.3876222
2.13562	1.326735	85.06458268
1.595335	0.81276	23.51773579
1.284805	0.18115	4.200619103
1.76912	1.00637	304.8490564
1.769005	0.98075	109.2615475
1.719795	1.013735	8.270072693
1.73163	0.816085	42.58757889
1.77187	1.01211	56.41376186
1.77754	0.940315	8.26590579
1.21357	0	8.719913934
1.794565	1.091035	32.40648855
1.59943	0.853735	25.65538986
1.74142	0.726565	8.349121362
1.82543	0.964085	26.25401872
1.773135	0.84715	16.76685459
1.72754	0.787935	32.15434243
1.70027	0.90477	3.403936206
1.692645	0.949305	61.79435538
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1.203075	0	20.97161
1.314185	0	26.67688027
1.761655	0.91621	6.796110619
1.722745	1.010275	28.36214445
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1.99294	1.23909	215.8148807
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1.6157	0.84889	17.12433176
1.62537	0.74534	12.03993875
1.678225	1.073335	75.44541973
1.694655	1.118965	2.43124033
1.60299	0.8846	8.738771172
1.841295	0.97854	4.310717852
1.89972	1.08644	14.8603889
1.763575	0.867175	2.103600085
1.62177	0.933475	11.39294858
1.64383	0.98885	8.304653823
1.62289	0.88058	8.523024906
1.21572	0	38.71248924
1.2745	0	48.0773848
1.36287	0	42.90283592
1.558585	0.789	89.07234974
1.789775	1.10932	21.42588784
1.820835	0.972785	117.2184651
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1.746795	1.02577	11.43847615
1.613985	0.85737	13.16492296
1.81793	1.16456	41.51930459
1.69411	1.005715	16.93925565
1.65032	0.89029	24.69894256
1.464155	0.17854	1.264767971
1.829165	0.916275	21.95197475
1.99344	1.279695	23.42623012
1.25296	0	115.638437
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1.641555	0.861025	27.46682811
1.670315	0.931485	15.75432296
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1.213325	0	25.78592662
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1.599595	0.821725	1.191481582
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1.64422	0.821095	13.32737989
1.7454	1.013995	10.18650201
1.61121	0.810805	51.49345827
1.30514	0.283995	3.023944645
1.68401	0.985895	8.434126841
1.627725	0.683475	10.72787226
1.775405	0.810785	3.342619483
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1.82796	0.923135	20.7785981
1.59128	0.86149	11.34046283
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1.93667	1.09923	27.76976259
1.72419	0.82583	1.522912778
1.543155	0.565635	43.94975327
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1.39276	0.50759	44.86550524
1.65319	0.824045	42.47666967
1.422015	0.553995	50.14854774
1.600785	0.86337	35.74507638
1.929345	1.06646	10.91935367
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1.973355	1.17317	121.5662661
1.54746	0.424455	6.901769119
1.42428	0	32.76691192
1.719255	0.835785	50.36769751
1.736565	0.99206	10.51142749
1.81862	1.130605	9.90683362
1.75313	0.94713	6.49539174
1.70989	0.83838	41.46433139

1.224305	0	6.238515364
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1.40642	0.367185	89.54266799
1.823845	0.85959	10.11980561
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1.7026	0.981785	17.04988896
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1.689975	0.903925	27.11590803
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1.911925	1.26433	14.59897209
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1.419295	0.402315	18.45778518
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1.19278	0	28.72854707
1.598495	0.80391	0.194928322
1.201855	0	3.61131724
1.762095	0.96209	20.74878514
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1.772325	0.964715	26.55470316
1.714535	0.77749	0.734513785
1.320885	0	52.68459812
1.567365	0.68551	2.230125682
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1.81594	1.06344	41.50222803
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1.614415	0.66455	0.398524994
1.973735	1.307995	41.28227385
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1.597105	0.82829	3.503350284
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1.640315	0.816975	39.46468401
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1.69929	0.953935	137.1302051
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1.63827	0.944435	16.63322985
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1.7369	0.94362	0.165417411
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1.71549	1.03842	31.47397821
1.72899	1.071165	32.62073295
1.685125	1.06516	3.904765602
1.75995	0.98118	12.18307623
1.71171	0.773275	126.9612044
1.61483	0.618415	126.1402799
1.20246	0	64.27348915
1.31254	0	48.55526087
1.167675	0	9.860562934
1.856215	1.052165	39.53496742
1.506175	0.450885	101.0803371
1.95889	1.15246	42.11782178
1.54413	0.84256	13.16973887
1.713455	0.83569	16.29571841
1.83024	1.07297	33.51523365
1.778635	0.95729	0.372032929
1.694545	0.82878	33.2826708
1.431445	0.396585	8.579636099
2.010385	1.216885	21.33065744
1.684465	0.833425	40.35879771
1.261565	0	32.51173466
1.714875	0.896255	30.55939868
1.74355	0.953575	5.266155707
1.830765	0.851275	20.32260165
1.489615	0.379535	1.215987767
1.735365	1.02497	19.13644775
1.740775	1.039965	5.91712679
1.763545	1.09648	16.57427656
1.300245	0	0.692883432

1.475135	0.4139	23.70942287
1.67925	0.82782	10.28338389
1.86951	1.15854	27.40676335
1.324755	0	27.92588805
1.66328	0.99365	68.47113183
1.822395	1.18157	79.56952638
1.17934	0	47.2288209
1.703245	1.005955	24.59058126
1.722325	1.06581	28.31517405
1.732165	0.825105	4.156624194
1.2594	0	6.444289682
1.69132	0.933245	30.6244035
1.71903	0.913045	106.5652911
1.680955	1.03034	8.531223399
1.280535	0.22514	9.405576177
1.683045	0.94797	18.97285832
1.96658	1.117485	39.16703792
1.993655	1.182355	9.236891558
1.661455	0.823175	24.39245233
2.02275	1.26863	77.17762863
1.64918	1.01929	9.231456416
1.830595	1.0702	50.4284345
1.6217	0.87132	15.64428197
1.614885	0.89114	25.31768701
1.77652	0.871495	16.83102927
1.6774	0.721115	28.03212271
1.88951	1.164555	61.40067183
1.69298	0.942885	7.781885543
1.60416	0.86264	26.97794173
1.220935	0.135155	0.526211108
1.593595	0.829155	4.007924507
1.62852	0.981585	55.88755411
1.75676	0.935055	67.08763422
1.74831	0.92802	5.182570366
1.749525	0.932995	4.208421073
1.63351	0.96053	11.48832401
1.39588	0.56673	0.673642137
1.605765	0.78341	27.35983166
1.63501	0.82261	18.88347611
1.74317	1.054815	65.69055628
2.060135	1.304565	137.4355141

2.045405	1.285215	24.75926381
1.741	0.93851	14.6364974
1.40622	0.547105	7.069646074
1.29274	0	17.55431699
1.223295	0	16.97623799
1.23684	0	38.30907506
1.75609	1.062245	44.77561497
1.76796	1.109675	12.58244913
1.2737	0	42.51518041
1.87003	1.122365	18.36024021
1.644395	0.74432	10.71093652
1.092605	0	24.11138337
1.632845	0.85209	27.74469268
1.60476	0.931115	171.1782478
1.86625	1.1279	19.51083181
1.867385	1.11249	0.237141644
1.707495	0.966475	9.744309346
1.710245	0.969845	0.163147572
1.615065	0.8146	56.20177113
1.66413	0.86966	8.496097858
1.70541	0.90636	21.86028919
1.63705	0.8106	16.16498446
1.21662	0	1.481956816
1.720305	0.834065	10.55874945
1.7189	1.05865	50.57745753
1.70417	1.020035	12.24452597
1.86186	1.144645	73.72293793
1.845805	1.099435	5.004292131
1.779955	0.942805	13.59130004
1.79581	0.98109	0.728713696
1.21461	0	13.3964046
1.738965	0.82041	70.03545788
1.630405	0.93212	8.237043886
1.613335	0.80986	31.96302507
1.7207	0.942305	148.6837402
1.788215	1.08241	5.07499124
1.794735	1.10422	23.38646583
1.79729	1.10842	2.700428035
1.61422	0.876185	0.042963822
1.60166	0.89687	6.490858067
1.85006	1.18104	16.64861822

1.81324	1.09663	8.345483153
1.354705	0	7.314002443
1.49817	0.435035	71.33246851
1.604055	0.8053	26.70482969
1.464585	0.634165	17.34562331
1.788485	0.94719	12.98279279
1.76864	0.9372	40.41218301
1.47034	0.30225	0.234554428
1.60986	0.86844	42.31054188
1.51261	0.759035	22.51531122
1.711615	1.028075	2.035707037
1.70116	1.004195	19.14845018
1.68802	0.972165	8.588881231
1.69539	0.92961	35.56486926
1.761415	0.92484	169.2946704
1.230045	0	34.3672013
1.54164	0.785715	10.33182816
1.61071	0.88427	14.83645405
1.632665	0.9276	28.64106063
1.63488	0.92251	5.870984166
1.491405	0.731315	25.31710664
1.3295	0	20.47062025
1.674745	0.948995	12.56491195
1.647325	0.880095	6.476009893
1.77079	0.923225	42.35799994
1.63744	0.89025	21.7222072
1.79719	1.04186	13.96595491
1.650435	0.89735	1.739490284
1.80225	1.06167	18.52777196
1.708585	0.831085	63.44707497
1.44863	0.61619	12.9438846
1.335845	0	0.067366832
1.48027	0.42095	0.335530998
1.498475	0.472415	2.922987858
1.360745	0	47.74796703
1.901735	0.939955	11.22092221
2.16809	1.36507	114.7923526
2.162645	1.368825	54.70174307
1.655975	0.82406	21.16767084
1.770445	1.028405	20.78789008
1.76832	1.024675	4.164951538

1.678455	0.781	6.725788013
1.83886	1.178175	18.8966789
1.676045	0.881255	0.989433979
1.474675	0.563015	0.057872706
1.859975	1.187965	76.85468905
1.80222	1.104775	6.456366465
1.61914	0.595295	55.90955162
1.758085	0.773335	13.49951681
1.649735	0.72322	48.51245965
1.578165	0.82076	0.82479789
1.619535	0.934245	39.41225887
1.64069	0.948405	38.71227464
1.617675	0.96246	36.471413
1.75787	0.942085	8.288396743
1.709735	0.875555	2.982785955
1.749905	0.88338	3.005306191
1.89054	1.12538	1.063690805
1.89515	1.135695	28.18196313
1.896965	1.14022	62.31262202
1.826215	1.0481	17.39784189
1.68125	0.93022	45.3205717
1.551515	0.63303	9.099077585
1.66581	0.75407	0.456199091
1.94753	1.21949	63.3080338
1.946345	1.22578	38.36006658
1.77475	1.031	25.15788992
1.65538	0.74055	2.019590875
1.684465	0.806215	34.71999511
1.7334	0.821205	0.376895158
1.689905	0.72764	0.623718759
1.341365	0	170.4449964
1.70729	0.83767	62.30767322
1.421275	0.32065	2.175061457
2.25134	1.431575	74.91470231
2.25599	1.432435	20.80627964
1.936155	0.907285	13.79727791
1.83162	0.81387	7.877429424
1.658415	0.911195	64.54768901
1.411835	0.499915	22.36209984
1.459945	0.52802	4.663000309
1.64025	0.80496	19.65145013

1.386755	0.38841	0.801066002
1.35037	0	36.22154591
1.401975	0.212625	0.233406362
1.740255	1.03454	15.8081273
1.740745	0.966135	1.079290174
1.17462	0	26.2282622
1.56813	0.74163	39.7178835
1.80995	0.96062	50.74046967
1.842755	1.047355	39.32340295
1.162035	0	30.61909071
1.663315	1.04355	35.58659315
1.331795	0	38.42576305
1.77636	0.935385	18.03066886
1.74118	0.86509	3.909983239
1.668465	0.697445	2.853010489
1.396545	0	70.1474074
1.307395	0	4.974497723
1.353805	0	49.73656637
1.86296	1.167225	24.20703217
1.79564	1.03219	1.983045839
1.79932	1.03296	7.067093097
1.791625	1.01953	4.226523329
1.70768	0.95789	15.2127768
1.561975	0.79382	3.243697374
1.92386	1.150515	14.81622722
1.931445	1.166785	40.03022298
1.69993	0.974255	0.136207673
1.71239	0.99278	51.59598302
1.943105	1.24025	44.15577553
1.803215	1.03238	73.09701576
1.830455	1.068925	26.98637949
1.787595	0.95009	4.675546373
1.76279	0.913125	24.42327422
1.22835	0	23.27482494
1.35564	0.32729	6.521594457
1.275355	0.10281	1.388424551
1.52221	0.471995	0.322717538
1.922495	1.139685	3.101242078
1.9146	1.13828	42.34968104
1.901005	1.11096	1.427161168
1.83778	0.964115	3.274582484

1.241725	0	38.80261061
1.61045	0.940115	14.60042908
1.543525	0.70721	9.785599633
1.70317	0.906735	1.515864494
1.717925	0.939635	55.43001126
1.19777	0	21.51707038
1.841615	1.07098	47.68244293
1.346165	0	45.13825241
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1.90905	1.226665	4.608307326
1.908545	1.225825	1.606570441
1.904595	1.22501	22.17830026
1.734515	0.94505	12.11450383
1.699865	0.67529	22.64894146
1.51779	0.37423	3.857059826
1.83368	1.047345	100.0798269
1.64902	0.90267	87.71153527
1.76801	0.878925	7.914999114
1.72362	0.841955	4.138417906
1.70014	0.857925	12.1222075
1.86105	1.15029	14.33461541
1.85885	1.147165	19.632499
1.679635	1.06221	43.3196778
1.80364	1.154855	129.1796197
1.294355	0	149.2290186
1.674195	0.884985	82.81398559
1.690755	0.824825	33.89273355
1.68647	0.89033	27.64493835
1.699725	0.86454	0.550023146
1.27659	0	31.07440581
1.332485	0.10908	1.086250155
1.67758	0.77053	29.26899494
1.697405	1.075865	12.63646804
1.801505	0.748575	8.594266052
1.627635	0.869775	34.23754302
1.749985	0.83078	25.8749976
1.25827	0	20.70243866
1.787395	1.068	29.28316023
1.4686	0.47393	0.270423815
1.887915	1.197835	24.01999941
1.812815	1.03373	2.381671734

1.71626	0.800045	20.24278992
1.631205	0.754155	8.382866508
1.34062	0	41.49755317
1.934735	1.243385	90.78333253
1.79448	1.043235	13.52564531
1.78441	1.042885	21.27974155
1.771805	1.035805	30.52071711
1.60816	0.84878	107.9848699
1.653105	0.88302	8.588301
1.83523	0.96012	13.04689966
1.874485	1.00536	4.981329424
1.87824	0.977365	0.613572301
1.647715	0.886195	23.18911303
1.66237	0.870115	10.54149918
1.84452	1.04697	18.71793903
1.846165	1.0548	5.822394339
1.87379	1.057775	20.11236479
1.91922	1.06607	2.535293672
1.9879	1.25689	67.77377878
1.49639	0.662685	11.14288706
1.60164	0.839855	14.4510952
1.77629	1.159885	54.94588524
1.78763	1.10534	17.96998314
1.81383	1.12135	42.89457532
1.75566	0.90843	46.04512099
1.70818	0.828705	46.15602914
1.60584	0.81165	20.58328589
1.65912	0.89144	10.60742701
1.750775	1.025395	53.91244064
1.45117	0.523525	28.30656705
1.6251	0.833345	9.695103177
1.15616	0	39.5759383
1.68505	0.82746	10.76027577
1.736705	1.070495	16.68015616
1.639065	0.817545	43.05358712
1.55521	0.606865	12.31536029
1.80977	1.06873	10.71630318
1.652895	0.84079	6.218037131
1.671615	0.8433	1.545536807
1.78407	0.94337	26.07098034
1.647095	0.75024	12.00057244

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1.67499	0.87367	14.70712106
1.67187	0.856545	47.00172412
1.658615	0.986775	31.47666229
1.701895	1.03843	20.34045793
1.708955	1.04809	4.196217275
1.715385	1.056985	9.965636382
1.74152	0.96699	34.49137734
1.751985	0.99764	0.33618657
1.56853	0.79599	22.62599824
1.692735	0.90281	14.2837722
1.73552	0.8388	34.12747152
1.298225	0.098615	8.570816935
1.626365	0.8385	43.79490414
1.16192	0	6.268054349
1.822855	1.115675	21.95601937
1.74766	0.939445	37.52853686
1.62813	0.94065	25.79371603
1.117535	0	23.35587857
1.73678	0.913905	50.13390509
1.932575	1.26199	2.857886206
1.92997	1.26497	59.94011494
1.73752	0.790975	38.58156464
1.618765	0.8743	5.320199899
1.51928	0.649285	1.332762162
1.739135	1.00905	21.30534663
1.76457	1.0409	42.42141288
1.814115	1.065695	38.53277212
1.64532	1.018185	24.72064053
1.700465	1.04659	72.78641974
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1.90258	1.162415	7.210324742
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1.73629	0.9777	14.44368112
1.998185	1.31646	50.67497233
1.66812	0.87751	75.71283812
1.673885	0.975595	14.84301702
1.67773	0.919985	26.82796094
1.71425	0.95761	5.852292341
1.797755	0.93693	4.776618152

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1.761025	0.98471	40.53419158
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1.746055	0.95264	23.90665321
1.623625	0.813025	30.12360706
1.22038	0	25.14718825
1.67524	0.919185	8.560380857
1.686855	0.945935	1.605796192
1.222555	0	11.50800815
1.817755	0.9722	16.26916077
1.261465	0	19.49419144
2.018105	1.245955	43.71278344
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1.70857	0.87101	16.58982273
1.743805	0.99623	23.06425862
1.718655	0.92556	12.56343555
1.71416	0.834905	11.31483354
1.76371	0.946325	8.690723748
1.717655	0.884365	5.652212006
1.57228	0.468735	1.048428614
1.85867	1.02245	4.57618888
1.843645	0.989755	34.87030052
1.931585	1.197705	30.03764156
1.92851	1.196865	12.9763928
1.656815	0.93132	18.41286081
1.77598	1.09823	35.44215362
1.9248	1.15086	59.3439338
1.92487	1.15535	14.58339753
1.6998	0.977255	41.62662406
1.278165	0	23.48587445
1.74667	0.906975	4.68920572
1.77844	0.97658	66.46597859
1.603675	0.90575	7.091045892
1.80664	1.0136	51.05831293
1.562695	0.79177	25.73649349
1.714095	0.99041	22.33306886
1.72052	1.004115	39.83980524
2.03783	1.29915	25.69090565
2.032495	1.25027	18.31789919

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1.71541	0.8669	2.48745651
1.76027	0.977815	39.52743441
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1.76673	0.93806	77.18054875
1.308765	0	18.24663671
1.160815	0	95.93307071
1.60378	0.67559	45.9067784
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1.811325	1.061885	36.25108592
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1.664515	0.86033	100.2284636
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1.81428	1.077955	7.273128329
1.82247	1.10562	39.10865329

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1.60413	0.80133	16.43048398
1.203415	0	38.66117089
1.215195	0	34.56767703
1.684005	0.917625	41.80146345
1.69018	0.96287	5.398711517
1.62084	0.81386	36.95893415
1.387715	0	13.69623557
1.9213	1.135305	6.324745731
2.01699	1.253545	54.22587743
1.874445	0.914535	2.712427823
1.178525	0	24.05020733
1.649745	0.91492	30.39282297
1.84531	1.043365	23.94969219
1.763955	0.938815	23.2411543
1.669115	0.79976	4.749436709
1.71373	0.835335	29.24310622
1.924655	1.226045	19.21825971
1.813755	1.10808	64.02178202
1.779205	1.06913	2.943034358
1.35531	0.37135	17.45005231
1.530925	0.68152	2.837829786
1.65075	0.879115	9.603872978
1.8132	0.959145	32.42965603
1.830785	1.008225	0.243117769
1.90609	1.08761	11.98955079
1.90947	1.095675	6.744028482
1.91639	1.117635	31.89673529
1.50515	0.734045	17.62908876
1.69886	0.92939	251.647286
1.21979	0	0.53304965
1.618925	0.80515	17.9877878
1.64631	0.869145	17.17000151
1.65601	0.91601	31.520692
1.64448	0.88875	16.19306618
1.68775	1.068685	8.943211495
1.669985	0.81236	3.192037959
1.6946	0.83092	12.53999248
1.748295	0.9802	10.05419556
1.779845	1.180165	46.30426287
1.784685	1.18478	17.39989087

1.786895	1.18338	3.982057952
1.277465	0	80.3492078
1.686315	0.82713	3.208301777
1.67991	0.87769	12.22292774
1.69657	0.915245	20.43729458
1.4363	0.58404	3.159211728
1.35233	0	95.7250819
1.289205	0	119.3340634
1.679695	0.77836	8.725828568
1.729105	0.916155	7.870633248
1.75897	0.966665	29.02928087
1.58839	0.614805	0.119471544
1.310965	0	84.98728538
1.69938	0.9679	6.988436421
1.829805	1.055975	7.159399068
1.683065	0.987435	14.84801486
1.674875	0.881915	30.46443404
1.687115	0.911525	4.491042206
1.21136	0	20.78000617
1.844285	0.94364	2.665533301
1.89357	1.067025	17.49933169
1.408565	0.228655	21.83261807
1.649555	0.919685	24.79132142
1.219815	0	8.998515057
1.63328	0.8716	13.78627856
1.575	0.7641	12.25031294
1.648805	0.99556	18.30383019
1.66962	1.01936	17.75554806
1.72813	1.130655	22.36645867
1.45895	0.54379	0.982889506
1.765565	1.046875	24.62209113
1.644025	0.82021	1.510336919
1.235845	0	14.78012043
1.818005	1.072795	29.49941168
1.95227	1.157045	7.108867083
1.960365	1.17106	55.78159303
2.015015	1.297155	41.93556569
2.02122	1.30681	58.1355063
1.832835	1.06816	9.191758944
1.85219	1.119715	23.46827508
1.859845	1.129905	17.65353572

1.270325	0	0.440916376
1.347405	0	25.54833726
1.16177	0	41.14830962
1.619425	0.94045	6.935978163
1.66607	0.881565	31.90029752
1.61616	0.819315	33.69238098
1.681485	1.074505	9.780721021
1.67982	1.06599	2.027546399
1.36057	0.200715	58.68217596
1.30863	0	49.19839303
1.93091	1.239785	62.02303411
1.70351	0.96583	1.820132946
1.682155	0.913915	41.3818954
1.664445	0.850205	21.6849594
1.553495	0.929935	15.22580677
1.763805	0.933035	3.724624132
1.75066	0.903485	31.39796298
1.66687	0.892885	7.608769497
1.255495	0	52.00445914
1.49143	0.577635	17.57912702
1.70168	0.927335	11.06305477
1.79247	1.07285	13.14014544
1.80497	1.054985	23.05415592
1.736845	0.898465	19.07876421
1.72983	1.16482	18.9601716
1.818125	1.016225	40.31541542
1.825675	1.029525	41.76055742
1.91824	1.113595	64.02122404
1.365895	0.14856	0.008713209
1.467065	0.496805	37.62837554
1.568955	0.85796	66.08868883
1.634045	0.988335	12.95157162
1.73731	0.906295	41.44023274
1.8542	1.07403	37.6778352
1.265375	0	26.46737249
1.860615	1.15968	11.60142676
1.779975	1.06976	31.78620398
1.69487	0.93216	11.38069786
1.229585	0	21.67264027
1.69943	0.975805	5.112625929
1.76479	1.137555	8.325770214

1.682545	0.97594	31.05101702
1.5709	0.798605	8.55837777
1.65245	0.882845	1.708490107
1.625025	0.818945	19.75313151
1.72729	1.04716	24.32533339
1.713045	1.031455	23.08943615
1.61537	0.708775	1.910547382
1.85959	1.10307	56.60534523
1.692625	0.88319	45.22089444
1.60468	0.807255	9.281544156
1.374245	0	55.6116368
1.67564	0.704485	2.123133592
2.06386	1.29995	3.191557388
2.0671	1.306185	3.164163802
2.066755	1.304745	4.755883315
2.0684	1.30613	10.45773965
2.053515	1.26805	55.21703975
1.786335	0.941285	57.79465498
1.742965	0.983005	11.6546073
1.75449	1.00263	24.59927143
1.29459	0	37.44076087
1.191585	0	10.36730005
1.17573	0	58.20820681
1.71088	0.88275	0.131206288
1.69299	0.834315	26.20914637
1.84623	0.861685	4.869023197
1.904395	1.006725	13.86467567
1.164125	0	64.7455608
2.057935	1.26981	56.46022402
2.058095	1.26925	2.085536951
1.72063	1.038505	19.40370706
1.71493	0.840655	6.490079879
1.901625	1.221275	126.2022635
1.62671	0.652515	13.03858547
1.27737	0	15.7174873
1.436565	0.443205	10.56859836
1.572585	0.62097	54.84153258
1.56284	0.582965	0.271563713
1.793925	0.98743	99.13289024
1.676575	0.81411	76.61901789
1.66024	0.964305	10.83703165

1.18475	0	47.74941367
1.72242	0.942735	38.99611137
1.79711	1.04188	15.97326276
1.283115	0	15.97147099
1.63599	0.8183	17.24530319
1.647815	0.877585	16.08334188
1.72205	1.00833	27.90732257
1.736105	1.049715	23.0216427
1.71321	1.01241	20.68542637
1.354465	0.337745	0.291970306
1.704695	0.936855	8.039374619
1.80776	1.13081	22.65425423
1.647265	0.93708	17.87814218
1.7259	1.132455	70.29279151
1.645255	0.81606	33.09119213
1.907205	1.191775	28.56967271
1.81934	1.02564	17.84142424
1.81094	1.01153	12.90392948
1.649355	0.699555	0.039130807
1.607055	0.717495	10.19252151
1.831675	1.080545	74.37037984
1.71159	0.803095	178.0396983
1.16397	0	44.48809926
1.895435	1.11513	0.783346443
1.89406	1.124955	32.18907412
1.738205	0.86641	44.18247419
1.825875	1.045495	15.05457254
1.828825	1.094825	41.61528216
1.841175	1.09755	45.39644552
1.70024	0.783015	15.43275262
1.242695	0	35.58326899
1.612515	0.8139	88.49904101
1.770935	0.96029	12.75519156
1.726065	1.09553	46.93026885
1.166535	0	150.7506818
1.843385	0.99791	49.63074309
1.72177	0.911015	45.69297708
1.201445	0	22.09331782
1.69409	0.78817	31.69698952
1.349055	0.32539	14.50724417
1.7285	1.03038	4.631780282

1.714105	1.01015	3.44529849
1.7059	0.98179	20.90734548
1.64139	0.81469	1.928947477
1.148575	0	43.56216038
1.772215	0.94024	20.239244
1.12537	0	11.06255723
1.135355	0	25.68301954
1.6572	0.81264	3.045931643
1.71272	0.94979	1.056549786
1.754485	1.049395	16.41848591
1.396595	0.42236	2.458520843
1.582725	0.863185	3.325386476
1.61829	0.952655	18.12355761
1.557395	0.797285	25.02278718
1.43771	0.6234	28.05878618
1.742985	1.019	66.63703522
1.76608	1.07491	2.32552993
1.28998	0	60.5147887
1.270825	0	28.48960501
1.752975	1.092735	65.40499037
1.685025	0.900205	72.42929464
1.62915	0.865735	0.0765
1.571215	0.72851	27.8994036
1.832305	1.04939	57.83595363
1.63425	0.865645	32.67547435
1.305025	0.109635	1.565426076
1.67525	0.82826	25.25797937
1.524355	0.76229	7.432253107
1.630675	0.81619	28.79751724
1.756855	0.96367	3.015652931
1.826525	1.13676	6.730136648
1.825875	1.13886	0.348189403
1.824685	1.1236	14.14036317
1.169515	0	52.67838612
1.769615	0.929225	52.73535473
1.687045	0.76085	92.16299197
1.44263	0.403265	5.332255332
1.734865	0.89744	30.16691836
1.84182	0.995735	4.600747316
2.048525	1.2638	50.57982932
1.59005	0.79279	20.41521959

1.62686	0.76726	23.53713776
1.648545	0.821975	1.187431219
1.29066	0.165785	0.719660935
1.624795	0.812015	34.54712861
1.581965	0.8047	36.89155438
1.66874	0.88246	17.46389002
1.698125	0.82939	27.92545893
1.69183	1.020195	53.47866186
1.856825	0.92184	87.37442875
1.245065	0	18.36583182
1.829235	1.126475	8.748301148
1.238005	0	26.86433897
1.51722	0.691095	3.057048604
1.801965	1.1035	26.85222876
1.53623	0.465565	0.40733825
1.822285	0.91953	17.15604874
1.52011	0.469085	8.030438514
1.75709	0.872735	20.91184182
1.780405	0.918775	6.456219963
1.64058	0.819575	36.35895703
1.60884	0.814425	25.07837567
1.70966	0.90733	167.9281868
1.807705	1.18902	103.1962269
1.806195	1.18032	50.68932172
1.58531	0.795485	26.78714262
1.549985	0.7554	22.45051107
1.66228	0.8208	0.380112102
1.25363	0	68.83046068
1.19498	0	58.88831913
1.641765	0.820555	2.757184887
1.63737	0.819595	8.034834898
1.254115	0	8.779261965
1.606565	0.62033	6.098134871
1.63723	0.71247	56.45823876
1.68566	0.81004	9.572786406
1.66225	0.774045	11.03374443
1.83033	1.12118	71.2372333
1.87251	1.11937	72.87103007
1.45092	0.36954	0.986382081
1.752805	0.90122	14.67256175
1.41282	0.510875	4.355014412

1.77644	1.128235	3.282651998
1.77191	1.1469	12.39298651
1.655945	0.859885	2.148658366
1.22499	0	34.78814242
1.77781	1.088805	1.046744501
1.772465	1.08633	37.5606064
1.75528	1.059715	28.16566609
1.71084	1.01812	30.56280374
1.819655	1.07682	16.66396526
1.451275	0.76346	9.281658757
1.742955	0.91634	20.86937004
1.94518	1.091395	23.5495295
2.091815	1.312625	73.74805437
2.08849	1.315665	62.93167698
2.084405	1.326055	22.1572529
2.063425	1.318795	84.63535845
1.78346	0.95651	15.97240695
1.799165	1.067475	35.82649615
1.785285	1.050445	12.81663686
1.903765	1.20532	25.47793499
1.87501	1.13584	4.034433963
1.81686	0.98989	0.21058274
1.802265	0.95216	12.52394413
1.518455	0.78058	22.33415749
1.27947	0	44.72054586
1.683955	0.83018	0.055860003
1.744655	0.941055	39.84202868
1.90189	1.169475	5.32314987
1.894285	1.16999	29.73515055
1.92734	1.180615	6.707653964
1.92285	1.174805	0.271936353
1.83926	0.9152	11.63789714
2.12465	1.34688	39.44989478
1.63646	0.820135	8.980711635
1.23726	0	23.590006
1.20837	0	13.92013252
1.70447	0.8727	46.49524182
1.503045	0.59324	2.913678791
1.651945	0.746705	7.266728878
1.27294	0.14633	1.682809887
1.81595	1.21486	11.80703376

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1.80656	1.190815	6.994042463
1.80405	1.181255	10.69131049
1.80226	1.176145	0.481560504
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1.293495	0	24.05177495
2.007345	1.22037	10.09672793
1.669235	0.92333	6.91179459
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1.86456	1.025095	2.85305967
1.873685	1.045055	5.58719888
1.79351	1.019145	21.14082972
1.866775	1.04659	61.55940614
1.86638	1.05468	6.261593497
1.70382	0.970565	0.141949075
1.76511	1.120345	35.3677086
1.46569	0.399965	3.105444259
1.722275	0.845745	11.85900388
1.72727	0.85233	33.90326859
1.57059	0.78476	0.316114299
1.54727	0.720735	40.62500537
1.428485	0.34463	2.944457378
1.669665	0.82082	19.51221253
1.669985	0.857795	0.406526322
1.7229	0.983325	31.1775781
1.565845	0.78186	0.207570422
1.69947	0.830555	30.83061176
1.605725	0.80245	17.78439681
1.618	0.90228	21.09357652
1.742705	0.76727	0.037724263
1.785125	0.869895	0.487119081
1.51099	0.402815	2.940623284
1.33298	0	42.41790133
1.58929	0.740725	41.5518202
1.677345	0.83721	17.77829893
1.803015	0.85132	25.42430138
1.686665	1.03965	10.52151569
1.390165	0.399815	22.34289526
1.68832	0.88359	58.65429748
1.66373	0.71062	0.872882822
1.80404	0.90964	18.47060026

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1.6332	0.91641	8.81870046
1.547885	0.79692	40.43203246
1.685815	0.800625	5.740288544
1.621875	0.74235	27.35670766
1.691945	0.904095	11.75508915
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1.6962	0.980955	30.27262827
1.652835	0.87675	1.450703158
1.767	0.911185	39.30172928
1.676995	0.825665	17.72639686
1.345535	0.106115	1.445703347
1.676375	0.8981	34.47643345
1.737875	1.061945	15.48527849
1.790665	1.05523	59.36938206
1.552475	0.963945	24.5031109
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1.244355	0	71.64939381
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1.293535	0	46.32100138
1.732945	0.890165	24.73888242
1.30281	0	54.72837306
1.731745	0.861695	12.91231685
1.752925	0.91613	9.761201278
1.764135	0.96213	30.96039503
1.40441	0.318285	2.878489252
1.819955	1.005	12.13768946
1.81128	0.982955	9.570984364
1.77553	0.90997	7.299929688
1.7434	0.83436	8.515984805
1.395155	0.2795	22.4020357
1.76977	0.989075	29.6068726
1.746795	0.9462	49.77589695
1.21033	0	28.9094734
1.71855	1.015775	5.370227021
1.585085	0.89339	44.10191397
1.735525	0.939615	14.92275021
1.750325	0.980155	0.817054967
1.612185	0.83068	33.6625338
1.8625	1.12238	37.83413798

1.702105	0.83407	45.63639109
1.729325	0.786935	9.274353727
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1.37002	0.3295	0.090793941
1.744025	0.972365	43.20003558
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1.833935	1.05029	19.52842147
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1.90562	1.12582	20.38247098
1.92434	1.17549	22.11317512
1.80039	1.116715	29.87182906
1.792365	0.838785	20.92983069
1.81839	0.91642	22.21656012
1.79395	0.8721	0.780777644
1.787015	1.10608	68.1276649
1.689425	0.83063	15.60787239
1.78051	1.06138	106.2858871
1.66835	0.80296	1.287706876
1.71706	0.8269	2.920454857
1.80164	0.94643	47.44354762
1.500985	0.498085	2.260412233
1.71613	0.796385	33.56906761
1.44874	0.39732	0.005456188
1.82854	1.12446	41.78709224
1.824675	1.11114	67.05688325
1.689795	0.888025	44.3929063
1.711025	0.90949	22.358112
1.57308	0.70321	4.346364747
1.62479	0.82124	7.545208621
1.846305	1.114865	61.54818192
1.812545	0.982055	0.359388883
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1.741475	0.84165	5.890581439
1.45564	0.408155	2.433385858
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1.2699	0.386475	18.70268532
1.93674	1.20086	43.12235367
1.6371	0.951885	22.16511433
1.617835	0.835055	34.25451514
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1.39253	0.489365	5.026365726
1.62583	0.88859	13.21785958
1.767385	1.054075	37.78782757
1.421805	0.29773	0.293665456
1.763565	0.96801	34.02942848
1.876645	1.14999	113.2785113
1.72452	0.90648	23.47903951
1.73538	0.91999	0.67415043
1.928025	1.178055	14.21988456
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1.498635	0.57509	0.507283766
1.2857	0	29.75891448
1.21796	0	29.9900441
1.720605	1.02342	35.41331753
1.5123	0.51626	15.0273009
1.763465	0.917435	16.04340091
1.18054	0	28.24715927
1.81768	0.813915	0.853510222
2.10445	1.303015	3.53008179
2.012015	1.23932	2.0988409
2.01747	1.256645	33.45432591
2.059325	1.29911	21.85668199
2.02745	1.32727	103.4024844
2.03569	1.338825	2.786389078
1.828505	0.952475	6.244408752
1.77645	0.96241	38.08161527
1.798445	0.940475	27.06134992
1.777725	0.90215	31.33839943
1.345995	0	126.4523104
1.87946	1.09958	26.15318476
1.875435	1.08846	2.085521098
1.881645	1.13114	23.91644908
1.788985	0.909265	35.85512828
1.945	1.23703	24.29401499
1.807225	1.10309	10.44865378
1.42235	0.59496	4.726351765

1.754575	0.90452	58.75062198
1.872695	1.12218	15.00630034
1.66715	0.80145	1.472575872
1.646895	0.790875	10.32626112
1.62817	0.640015	121.8269724
1.700265	0.83074	46.65052877
1.811105	1.2061	87.23805479
1.59046	0.805195	39.06029452
1.203405	0.084755	0.509303653
1.60508	0.797465	8.17355319
1.25025	0	19.57232539
1.654575	0.816355	1.710099814
1.758755	0.81423	124.3877875
1.678425	0.72074	10.10539237
1.278385	0.2034	11.86703246
1.74082	1.119085	58.28507089
1.739905	1.104915	14.49959828
1.79754	0.99033	45.88099504
1.883485	0.93527	31.67242643
1.813245	0.855285	33.71380488
1.71573	0.96433	13.95051819
1.88207	1.069245	7.32731374
1.94889	1.21642	50.6010617
1.80081	0.859005	17.92067946
1.869085	1.02541	0.164523708
1.9115	1.25541	83.21413086
1.29409	0.18797	1.225169885
1.649605	0.848935	5.106100599
1.63351	0.80908	5.340285559
1.723135	0.75352	0.384893972
1.802845	0.895485	19.22841804
1.64018	0.860885	34.47860368
1.78165	1.052385	61.85263441
1.86276	1.18362	50.32203154
1.621905	0.82378	21.40631766
1.21045	0	15.36793555
1.199405	0	22.62333806
1.226715	0	20.54052983
1.67076	0.975055	25.39320159
1.71858	0.94476	0.018272657
1.73625	0.988985	26.60594076

1.88142	1.20187	6.107540972
1.91408	1.226295	8.016400434
1.63708	0.879685	16.70774305
1.245645	0	42.60946811
1.27206	0.065195	20.5175965
1.662545	0.93925	28.19381136
1.650665	0.911955	0.969719986
1.66524	0.82316	0.163044657
1.814225	1.1451	25.86354708
1.47639	0.48657	42.25265819
1.569215	0.684445	5.887747928
1.77515	0.72855	74.34063208
1.92082	1.074055	1.052143536
1.88133	0.98317	8.566482781
1.65586	0.95466	1.603815902
1.910205	1.14437	62.72643042
1.90642	1.158	8.708611221
1.912915	1.163735	43.94342996
1.916235	1.16915	43.54715318
1.673315	0.7759	9.978946083
1.77112	1.07872	17.40346545
1.14645	0	8.314558118
1.82214	1.12084	52.37711568
1.281185	0	42.35726656
1.77809	1.057285	30.76564185
1.69619	0.97163	10.41485606
1.80907	1.107875	13.78514341
1.778305	1.038295	4.324709924
1.48932	0.52851	33.26348211
1.669615	0.82179	32.45799987
1.394835	0.49482	0.174722923
1.754395	1.0038	104.8215066
1.26559	0	3.682574064
1.6819	0.889275	11.95968198
1.20367	0	36.9088024
1.84562	1.14102	14.63807202
1.84267	1.143845	10.08852897
1.19645	0	5.606180456
1.80811	1.124615	51.39015696
1.66347	0.756985	14.76306582
1.78915	0.95132	29.34049772

1.614355	0.815905	19.89888131
1.341805	0	76.02407504
1.68296	0.75654	26.82915831
1.360205	0.20904	33.98058982
1.76132	1.102205	6.843420201
1.73223	1.000565	3.339956187
1.61426	0.90078	17.15480219
1.747	1.01542	40.8658763
1.85068	1.13056	52.03519826
1.5985	0.905535	64.68469555
1.76061	0.93277	81.63335113
1.799775	1.01104	14.89850567
1.706195	0.87815	1.115720691
1.310385	0	13.20087241
1.99042	1.228865	4.914086208
1.986295	1.226995	42.96053448
1.65263	1.0045	31.18992529
1.81668	1.180605	43.57117521
1.22033	0	21.1596691
1.699215	0.97048	35.93457806
1.381845	0.38285	17.4741956
1.726735	1.00963	36.86178136
1.67735	0.973865	5.205847823
1.296135	0.2658	18.30880565
1.718285	0.994045	5.998800187
1.646775	0.81703	0.238275913
1.6722	0.84768	6.929040258
1.651295	0.87939	30.94976578
1.85243	1.133895	0.39795256
1.85929	1.13157	33.58651816
1.578155	0.677465	54.79215079
1.739395	1.05873	39.40997064
1.762095	1.120905	0.922619456
1.77049	0.849175	66.67597133
1.824045	1.12467	55.70656454
1.444105	0.640375	27.13453408
1.599895	0.9329	23.26141849
1.687995	0.96817	33.34509497
1.291155	0	16.8114204
1.87046	1.12834	14.82903122
1.86639	1.12015	16.60730408

1.868025	1.12408	8.870804465
1.85521	1.11608	19.50167194
1.762835	0.95111	5.373128006
2.042225	1.302925	36.75506501
2.02542	1.30614	19.16855287
2.018355	1.30406	38.70366469
2.01519	1.30001	5.215344871
1.991275	1.26291	50.45106544
1.450065	0.38279	11.79535375
1.88509	1.218775	0.278985895
1.80802	0.9881	13.74379375
1.769005	0.88431	71.91402369
1.71566	0.840765	38.42284854
1.619005	0.767375	7.297621949
1.74376	0.908885	12.10939276
1.713685	0.84146	0.730630693
1.592545	0.69713	7.895282943
1.7631	0.99723	0.253029049
1.60107	0.73232	8.312861295
1.70607	1.04192	71.05839609
1.80395	1.016	71.65803714
1.726555	0.839985	17.51391877
1.81758	1.083915	28.95080634
1.321345	0	14.6347136
1.624575	0.805455	29.39789493
1.72802	0.973475	21.92904116
1.73473	0.99042	23.99435427
1.75591	1.05372	8.589302144
1.531445	0.7053	3.635908386
1.593185	0.80288	10.98535672
1.50975	0.673015	23.67300044
1.696945	0.83733	52.65709135
1.75756	0.84326	98.3784411
1.676055	0.787575	15.18646703
1.72399	0.99519	90.83019702
1.61145	0.91211	40.74687483
1.54138	0.75291	24.96068455
1.538755	0.782645	10.81883988
1.58238	0.75753	7.78586236
1.715875	0.76193	21.00090872
1.71756	0.836645	0.355171762

1.5045	0.18277	3.374138872
2.10992	1.264675	21.08215531
2.135925	1.367405	4.912898044
2.131465	1.36759	3.669302786
2.119055	1.36481	49.47607953
2.064385	1.29554	31.23029906
2.10126	1.204465	82.15469199
2.08433	1.31994	14.94913678
2.07853	1.3017	11.9917206
2.076245	1.310445	23.02290578
1.90162	1.025175	10.42175422
1.729695	1.009505	66.63380873
1.24255	0	0.947541798
1.994865	1.26255	24.92980828
1.73241	1.03269	26.08827752
1.784265	0.86969	49.42013335
1.781715	1.019315	19.84349277
1.77637	1.011415	2.08688651
1.762855	1.02568	23.52210828
1.76786	1.033135	0.058267057
1.69181	0.85942	13.96163483
1.92036	1.248855	6.667461506
1.838045	1.052425	2.043031185
1.762265	0.918405	4.016429521
1.362655	0.39177	0.433690869
1.88385	1.03657	49.03797067
1.717605	0.84179	10.8228617
1.86129	0.92895	10.77301399
1.888815	1.011515	6.687224405
1.910355	1.11777	0.590070725
1.787265	1.090915	81.17486538
1.70215	0.87221	58.86268086
1.271885	0	24.8682735
1.837865	1.152925	0.292611021
1.881205	1.247585	46.45279875
1.82394	1.142175	2.033408356
1.935465	1.214535	41.41620092
1.84494	1.105785	34.29150847
1.57781	0.799465	0.793471367
2.00837	1.19936	24.67189431
2.009155	1.20341	7.412180741

2.008875	1.22505	6.926159601
2.00078	1.21866	1.195366876
1.128575	0	112.6376496
1.57196	0.89368	19.69965051
1.712255	0.78257	11.69705908
1.704975	0.833175	9.68450592
1.28628	0	3.706110723
1.57278	0.733945	3.962264284
1.835245	0.94239	43.54703258
1.839555	0.95119	22.20000378
1.757895	1.010075	9.546166362
1.892115	1.139005	20.10920843
1.208675	0.069475	31.52582883
1.633425	0.882065	10.51213408
1.64936	0.900595	15.43196259
1.565275	0.789175	13.78499675
1.63847	0.809945	18.73799791
1.732175	0.844875	1.957558815
1.455675	0.203925	47.45145597
1.75205	0.80714	16.61950463
1.601035	0.57046	4.174027563
1.364405	0	5.970471516
1.28615	0.06254	5.937598327
1.6648	0.820955	62.56043048
1.623055	0.738255	1.360119645
1.644315	0.932175	0.340104646
1.476375	0.71799	7.860566581
1.80076	0.98036	21.51473444
1.76385	0.895	2.539072184
1.42077	0.41707	16.60203789
1.745685	0.969385	77.48976639
1.64919	0.73309	3.339754363
1.572325	0.800825	23.44530283
1.743255	1.17164	0.189793835
1.63884	0.67395	17.22674806
1.39084	0	22.19759958
2.00396	1.260295	86.08388492
2.00705	1.273695	65.38735307
2.002875	1.270265	60.91056392
1.9555	1.22479	36.53651156
1.950785	1.221745	51.50360596

1.944635	1.21724	6.259845447
1.937015	1.215865	49.33761718
1.90048	1.161005	3.802593132
2.010445	1.196815	114.6001709
1.55987	0.523975	16.68632804
1.71376	0.76627	107.7843833
1.648545	0.701755	3.377371263
1.73543	0.83641	0.727532411
1.8536	1.16048	14.34831548
1.685	0.887925	0.614025023
1.625715	0.641905	93.85009702
1.37168	0.139435	16.35652583
1.23366	0	34.59571692
1.72581	1.034565	0.012384265
1.15183	0	19.84404957
1.378805	0.51959	23.12131285
1.876325	1.207875	77.10619568
1.696495	0.753985	3.071570768
1.913795	1.108045	106.2517753
1.79216	0.878035	9.20951217
1.84689	0.98775	36.29752531
1.900545	1.16031	4.186698644
2.115895	1.343665	1.351873815
2.11644	1.33717	27.29711508
1.964035	1.14579	21.08637403
1.94792	1.141905	1.154341219
1.941385	1.09453	1.276966127
1.72645	1.08665	12.90900194
1.705265	1.082545	37.21771194
1.76934	1.06264	46.78039464
1.71904	0.87084	30.70169408
1.733345	0.90026	18.14960485
1.56018	0.854305	6.203990446
1.704545	0.97602	37.04402726
1.68778	0.92918	30.52970549
1.678585	0.90787	6.091232396
1.930095	1.10006	2.312233062
1.95509	1.13847	76.99340707
1.960125	1.179935	0.749209111
1.96303	1.182625	12.93881419
1.85731	0.936655	24.32269286

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1.7127	0.923755	14.47474321
1.16904	0	55.69981599
1.700605	0.890625	51.07969712
1.23043	0	30.84062167
1.7728	0.94336	21.85509391
1.79007	0.98905	106.7627104
1.519475	0.546645	4.317819461
1.535075	0.583585	107.6198568
1.73972	0.91675	25.47307833
1.7698	0.98896	7.807117333
1.90763	1.20755	10.83882396
1.868645	1.12335	30.47794123
1.328745	0	29.27944577
1.65471	0.814015	5.695062403
1.943805	1.220205	0.255950327
1.73611	1.02182	17.82205165
1.6822	0.88975	119.4581808
1.654705	0.82691	47.24416099
1.824	1.049555	3.750977057
1.8721	1.03526	27.53306494
1.74139	1.0267	35.46766556
1.753975	1.064835	31.530684
2.15924	1.3224	24.42141156
2.133515	1.349815	7.269311165
1.753725	0.75378	415.9832882
1.671375	0.74013	244.7072204
1.771055	0.88673	5.505640835
1.74669	0.868615	1.905103178
1.89538	1.103425	4.647659906
1.79201	0.847495	3.101201956
1.940515	1.24669	13.15229323
1.9311	1.244025	2.220458792
1.903825	1.195835	52.60934384
1.852765	1.03156	42.65529499
1.860895	1.001015	3.599973118
1.744975	0.750395	31.8481538
1.216325	0	14.1433964
1.352975	0.125365	1.354251772
1.7411	0.891985	76.79602842
1.18936	0	0.005503636

1.283615	0	63.36325544
1.64347	0.935795	19.4140999
1.61738	0.609415	54.4517405
1.75342	0.780795	14.31440979
1.66177	0.828835	10.52530947
1.51932	0.67128	0.462310026
1.206605	0	9.005715963
1.572585	0.794785	5.153759223
1.69316	0.86009	38.88927974
1.343695	0	16.04325575
1.751445	0.93041	56.70735352
1.54702	0.631155	69.57882748
2.00549	1.26047	29.77704516
1.585175	0.803525	0.766857334
1.499155	0.477835	35.26758787
1.69661	0.943975	13.1727585
1.66849	0.888665	49.00015384
1.83219	1.067045	1.760960411
1.830785	1.06152	75.36987392
1.723545	0.89284	3.423073297
1.781505	0.937045	29.03550701
1.801255	1.073825	46.17576506
2.00478	1.085285	37.57027918
2.00171	1.09395	33.94978838
1.98426	1.054355	163.406352
1.99042	1.146745	89.63631368
2.001505	1.1676	10.77306027
1.99488	1.150165	0.396715024
1.66927	0.86757	37.0077734
1.236955	0	0.087052283
1.660435	0.8218	1.924333962
1.591685	0.962065	30.66944737
1.19483	0	34.73493188
1.61445	0.82225	31.70171296
1.68367	0.832685	49.00806498
1.7981	1.14561	19.7220736
1.847565	1.1463	4.562023723
1.848345	1.14626	28.5774746
1.850975	1.1487	4.50625038
1.878195	1.07384	40.19233457
1.831915	1.045595	5.286782232

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1.793865	1.02264	0.805506672
1.168415	0	42.12458389
1.62282	0.87299	94.58040144
1.595825	0.807665	31.06797848
1.57443	0.73348	2.005697736
1.273	0	8.78064435
1.94534	1.25196	7.444602489
1.740045	1.02313	13.7974608
1.749165	1.055695	61.22229113
1.87562	0.95543	14.74254487
1.30502	0.182155	8.478745912
1.6657	0.817305	71.33630211
1.833885	1.00975	2.39128038
1.715745	0.959665	37.73435578
1.657275	0.82645	28.37924367
1.508355	0.553675	24.28368668
1.86055	1.12664	28.19017149
1.815615	0.96269	0.411044426
1.25419	0	49.6367759
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1.675515	0.934495	45.31768826
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1.63422	0.81491	1.601833973
1.834955	1.09482	13.32867094
1.83244	1.089435	14.44479451
1.81002	1.02436	105.0630872
1.34308	0	15.19827087
1.773415	0.889735	1.084800834
1.787595	0.926685	69.74976043
1.38171	0.34711	43.56643846
1.694405	0.833715	4.949487054
1.208065	0	5.585214546
1.73041	1.054235	23.59497734
1.31796	0	31.63070513
1.634035	0.88443	37.45542955
1.281085	0	36.20399964
1.619775	1.02836	38.69956306
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1.87808	1.066145	26.27269936

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1.28018	0	0.568391458
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1.64018	0.73529	36.63404342
1.83415	1.11901	31.13513517
2.07509	1.285535	102.9629251
2.07647	1.306145	20.20059473
1.433805	0.49368	22.03843187
1.669775	0.83879	42.72741361
1.697945	0.83083	67.24739276
1.744385	1.172335	27.94852299
1.82715	0.97792	27.74871372
1.72733	0.92532	32.85789208
1.719185	0.90456	50.24637295
1.685875	0.96018	16.3693062
1.583275	0.74156	18.84967113
1.18818	0	98.64917026
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1.772375	1.081665	13.01421105
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1.83172	1.182925	20.29378268
1.700095	1.10838	9.124865273
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2.047685	1.30684	20.94602329
2.051705	1.318345	41.89760401
2.04474	1.29274	5.743420001
2.02122	1.21825	65.30819202
1.73497	1.11605	41.89469201
1.376695	0.31542	107.4400555
1.661545	0.8554	11.83943459
1.700395	0.894355	16.66618959
1.52885	0.60579	43.71976816
1.665805	0.79509	14.05674072
1.259365	0	0.613375986
1.580845	0.800935	13.8832705
1.61925	0.93722	33.54477321
1.762345	0.96386	1.820269871
1.55928	0.703595	18.30053985
1.658625	0.813055	51.5270411
1.69839	0.997435	14.81204804
1.70038	0.986355	2.291771989

1.77409	0.949015	61.43314424
1.14139	0	4.78129827
1.26499	0	12.95330747
1.66393	0.8637	21.72876935
1.608375	0.956665	39.82483735
1.3269	0.04391	27.51163222
1.84165	1.088775	58.33359085
1.681885	0.894505	0.66791983
1.68991	0.901355	16.52250105
1.588125	0.751625	37.75954203
1.827105	1.08799	98.64125702
1.83896	1.120325	1.595349147
1.63022	0.81683	12.03044748
1.67038	0.825025	17.29096802
1.724165	0.962825	2.72711087
1.72197	0.949785	4.517915068
1.672345	1.06688	13.32124136
1.716545	1.01133	21.3179505
1.904045	1.152775	69.93791802
1.569855	0.60161	3.137315633
1.778445	0.838845	61.05787773
1.48839	0.387185	8.701056821
1.91735	1.142675	2.753173954
1.918615	1.138765	3.979523441
1.19818	0	1.439301989
1.792215	0.97807	17.95393742
1.715385	0.8964	18.89376758
1.752235	0.97252	20.49150013
1.14079	0	16.4733459
1.69734	0.97208	25.32948742
1.72986	1.049285	35.29709406
1.40692	0.375685	7.830690819
1.775505	1.074385	27.25212238
1.68884	0.872305	3.921496425
1.706195	0.892145	14.28599789
1.603335	0.781385	11.91600427
1.67893	0.85355	1.104525274
2.05788	1.259285	10.38643324
2.05318	1.265505	15.01283692
1.91658	1.15846	4.011247777
1.914645	1.158155	111.7142056

1.88994	1.11709	6.590286881
1.81423	0.927465	59.51734121
1.296925	0	65.75114189
1.260145	0	20.53874415
1.412525	0.31732	20.10541753
1.68009	0.88808	40.04609139
1.58885	0.779295	178.2298677
1.65002	0.943415	8.129240536
1.20766	0	9.726115809
1.728165	0.83935	5.977524039
1.653305	0.782365	23.9947986
1.49584	0.40996	22.60697322
1.837505	1.037535	16.93807727
1.85833	1.086795	5.43243795
1.79817	0.95825	3.48998335
1.78633	0.9315	124.56184
1.667165	0.899675	6.646760237
1.683735	0.952705	42.32854406
1.529715	0.76912	33.73438702
1.784525	1.029005	50.06240744
1.77441	1.003805	0.029783553
1.85327	1.00898	45.90274955
1.717425	0.977315	19.21657372
1.68662	0.861345	12.86486814
1.613465	0.8125	9.919327253
1.431785	0.636235	2.314282282
1.627995	0.878855	22.29701756
1.394425	0.46994	18.50482055
1.31001	0	42.60211034
1.76829	1.03695	27.62550503
1.843845	1.085305	28.90275519
1.416515	0.298515	83.05887174
1.740025	0.86716	27.00228057
1.96687	1.142005	0.408947968
1.809725	1.09553	6.639870256
1.680945	0.98071	51.14207118
1.8231	1.07557	113.5273087
1.86259	0.994485	3.001544257
1.525325	0.42727	5.913848921
1.839845	1.176345	15.28773495
1.73615	0.99838	4.183358303

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1.26494	0	59.72810867
1.385605	0	41.51744449
1.774725	0.830235	30.08422334
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1.943635	1.236155	41.36048948
1.720905	0.93257	2.206511519
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1.798545	0.96179	0.388834206
1.819005	1.012525	133.9156795
1.96931	1.18061	10.16095713
1.27258	0	38.21392786
1.69867	0.96963	38.45415116
1.58716	0.630185	45.87490708
1.96655	1.253975	46.25579497
1.82079	1.177735	17.59701729
1.87357	1.115455	30.66932193
1.715505	1.08401	8.023962935
1.285205	0	32.07012971
1.698085	0.83013	49.77091409
1.257485	0	36.84008183
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1.735665	0.93887	31.59607441
1.76783	0.84871	5.670989707
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1.65112	0.82038	34.05912821
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1.89574	1.05249	14.53076035
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1.844715	0.937435	0.354517489
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1.709425	0.8339	15.48381361
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1.30758	0	6.657893638
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1.59275	0.869225	2.076692065
1.458655	0.626575	30.23735813
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1.689	0.950475	31.92678873
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2.033375	1.282335	76.09033244
2.031955	1.221155	69.09427126
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1.177925	0	10.72394878
1.72436	0.9189	24.00627062
1.673605	0.71698	67.82406933
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1.727775	1.04174	7.095851003
1.27257	0	82.4767103
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1.75698	0.91879	42.60291504
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1.91579	1.18154	6.671674431
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1.82062	1.16949	4.987153563
1.609035	0.93433	132.5719571
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1.82319	0.985525	24.74185199
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1.74486	0.742495	1.407876958
1.66667	0.63155	0.000141421
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2.11135	1.34695	46.624218
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1.229785	0	81.2680571
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1.76296	0.966495	22.69541272
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1.187385	0	0.881573802
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