

Cr oxide coated woodland camouflage textiles for protection of defense target signature in UV-Visible-IR spectrum opposing of hyperspectral and digital imaging

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Table SI 13, absorption value of PA 6,6-Sample-02, scanned by hyperspectral camera at 2500 nm

ObsID 1	1	2	3	4	5	6	7	8	9
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0

38	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0

85	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0
101	0	0	0	0	0	0	0	0	0
102	0	0	0	0	0	0	0	0	0
103	0	0	0	0	0	0	0	0	0
104	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0
106	0	0	0	0	0	0	0	0	0
107	0	0	0	0	0	0	0	0	0
108	0	0	0	0	0	0	0	0	0
109	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0
111	0	0	0	0	0	0	0	0	0
112	0	0	0	0	0	0	0	0	0
113	0	0	0	0	0	0	0	0	0
114	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0
116	0	0	0	0	0	0	0	0	0
117	0	0	0	0	0	0	0	0	0
118	0	0	0	0	0	0	0	0	0
119	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0
121	0	0	0	0	0	0	0	0	0
122	0	0	0	0	0	0	0	0	0
123	0	0	0	0	0	0	0	0	0
124	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0
126	0	0	0	0	0	0	0	0	0
127	0	0	0	0	0	0	0	0	0
128	0	0	0	0	0	0	0	0	0
129	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0
131	0	0	0	0	0	0	0	0	0

132	0	0	0	0	0	0	0	0	0
133	0	0	0	0	0	0	0	0	0
134	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0
136	0	0	0	0	0	0	0	0	0
137	0	0	0	0	0	0	0	0	0
138	0	0	0	0	0	0	0	0	0
139	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0
141	0	0	0	0	0	0	0	0	0
142	0	0	0	0	0	0	0	0	0
143	0	0	0	0	0	0	0	0	0
144	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0
146	0	0	0	0	0	0	0	0	0
147	0	0	0	0	0	0	0	0	0
148	0	0	0	0	0	0	0	0	0
149	0	0	0	0	0	0	0	0	0
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151	0	0	0	0	0	0	0	0	0
152	0	0	0	0	0	0	0	0	0
153	0	0	0	0	0	0	0	0	0
154	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0
156	0	0	0	0	0	0	0	0	0
157	0	0	0	0	0	0	0	0	0
158	0	0	0	0	0	0	0	0	0
159	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0
161	0	0	0	0	0	0	0	0	0
162	0	0	0	0	0	0	0	0	0
163	0	0	0	0	0	0	0	0	0
164	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0
166	0	0	0	0	0	0	0	0	0
167	0	0	0	0	0	0	0	0	0
168	0	0	0	0	0	0	0	0	0
169	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0
171	0	0	0	0	0	0	0	0	0
172	0	0	0	0	0	0	0	0	0
173	0	0	0	0	0	0	0	0	0
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175	0	0	0	0	0	0	0	0	0
176	0	0	0	0	0	0	0	0	0
177	0	0	0	0	0	0	0	0	0
178	0	0	0	0	0	0	0	0	0

179	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0
181	0	0	0	0	0	0	0	0	0
182	0	0	0	0	0	0	0	0	0
183	0	0	0	0	0	0	0	0	0
184	0	0	0	0	0	0	0	0	0
185	0	0	0	0	0	0	0	0	0
186	0	0	0	0	0	0	0	0	0
187	0	0	0	0	0	0	0	0	0
188	0	0	0	0	0	0	0	0	0
189	0	0	0	0	0	0	0	0	0
190	0	0	0	0	0	0	0	0	0
191	0	0	0	0	0	0	0	0	0
192	0	0	0	0	0	0	0	0	0
193	0	0	0	0	0	0	0	0	0
194	0	0	0	0	0	0	0	0	0
195	0	0	0	0	0	0	0	0	0
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197	0	0	0	0	0	0	0	0	0
198	0	0	0	0	0	0	0	0	0
199	0	0	0	0	0	0	0	0	0
200	0	0	0	0	0	0	0	0	0
201	0	0	0	0	0	0	0	0	0
202	0	0	0	0	0	0	0	0	0
203	0	0	0	0	0	0	0	0	0
204	0	0	0	0	0	0	0	0	0
205	0	0	0	0	0	0	0	0	0
206	0	0	0	0	0	0	0	0	0
207	0	0	0	0	0	0	0	0	0
208	0	0	0	0	0	0	0	0	0
209	0	0	0	0	0	0	0	0	0
210	0	0	0	0	0	0	0	0	0
211	0	0	0	0	0	0	0	0	0
212	0	0	0	0	0	0	0	0	0
213	0	0	0	0	0	0	0	0	0
214	0	0	0	0	0	0	0	0	0
215	0	0	0	0	0	0	0	0	0
216	0	0	0	0	0	0	0	0	0
217	0	0	0	0	0	0	0	0	0
218	0	0	0	0	0	0	0	0	0.394229
219	0	0	0	0	0	0	0	0	2.258258
220	0	0	0	0	0	0	0	0	0.81094
221	0	0	0	0	0	0	0	0	1.629584
222	0	0	0	0	0	0	0	0	1.253601
223	0	0	0	0	0	0	0	0	0.399125
224	0	0	0	0	0	0	0	0	0.654891
225	0	0	0	0	0	0	0	0	1.332176

226	0	0	0	0	0	0	0	0	2.120984
227	0	0	0	0	0	0	0	0	1.584549
228	0	0	0	0	0	0	0	0.533989	1.067978
229	0	0	0	0	0	0	0	1.511662	1.567765
230	0	0	0	0	0	0	0	2.641996	1.701687
231	0	0	0	0	0	0	0	0.659026	1.648993
232	0	0	0	0	0	0	0	0.329513	1.318053
233	0	0	0	0	0	0	0	0.164757	0.934504
234	0	0	0	0	0	0	0	0.082378	1.129422
235	0	0	0	0	0	0	0	0.575178	1.382874
236	0	0	0	0	0	0	0	1.281595	1.067978
237	0	0	0	0	0	0	0	1.422669	1.067978
238	0	0	0	0	0	0	0	0.533989	1.219072
239	0	0	0	0	0	0	0	0.266995	1.257613
240	0	0	0	0	0	0	0	0.541599	0.816204
241	0	0	0	0	0	0	0	1.605829	0.826536
242	0	0	0	0	0	0	0	1.1562	0.80754
243	0	0	0	0	0	0	0	1.095323	0.826536
244	0	0	0	0	0	0	0	1.044339	1.318053
245	0	0	0	0	0	0	0	1.241928	0.993932
246	0	0	0	0	0	0	0	1.011907	0.790713
247	0	0	0	0	0	0	0	1.21617	0.742591
248	0	0	0	0	0	0	0	1.348846	0.882238
249	0	0	0	0	1.656251	0	0	0.692905	0.756349
250	0	0	0	0	0	0	0	0.945777	1.103227
251	0	0	0	0	0	0	0.472889	1.348846	1.465554
252	0	0	0	0	0.836347	1.848553	1.255657	1.504664	0.919446
253	0	0	0	0	0	0.418173	1.699667	1.162468	0.740136
254	0	0	0	0	0	0.209087	1.368585	0.977585	0.868861
255	0	0	0	0	1.846542	0.104543	0.566225	1.071637	0.944187
256	0	0	0	0	1.341472	0	0.335384	0.923363	0.748791
257	0	0	0	0	0	0	0.167692	1.082005	0.950102
258	0	0	0	0	1.467606	0	0.602167	0.848316	1.204566
259	0	0	0	1.101294	0.949383	0.356019	1.601347	0.983817	1.052627
260	0	0	0	0.474691	0.712037	0.534028	0.653319	0.969412	1.120513
261	0	0	0	1.612802	1.760203	0.267014	0.593673	0.77261	1.021118
262	0	0	0	0.945192	1.228233	0.133507	0.430344	1.044339	1.0378
263	0	0	0	2.040652	0.472596	0.066753	0.281925	1.564086	0.78934
264	0	0	0	1.463415	0.236298	0	0.174339	0.917935	0.765337
265	0	0	0	1.5768	0	0	0.522322	0.870305	0.925032
266	0	0	0	0	0	0	2.108331	0.957434	0.84484
267	0	0	0	0	0	0	0.478717	1.092627	1.144687
268	0	0	0	0	0	0	0.239358	1.311689	0.72215
269	0	0	0	0	0	0	0.119679	1.129059	0.678602
270	0	0	0	0	0	0	0.448733	1.02782	1.086602
271	0	0	0	1.718528	0	0	1.81242	0.777787	1.190528
272	0	0	0	0	0	0	1.985944	1.014145	1.023462

273	0	0	0	0	0	0	1.39512	0.845263	0.960144
274	0	0	0	0	0	0	1.1293	0.905529	0.855885
275	0	0	0	0	0	0	1.857606	1.434319	1.253601
276	0	0	0	0	0	1.937349	1.285921	1.165637	0.904893
277	0	0	0	0	0	0	1.406205	0.746399	1.055148
278	0	0	0	0	0	0	1.236448	0.715996	1.170287
279	0	0	0	0	0	0.400033	1.10901	0.726281	0.785246
280	0	0	0	0	0	2.375304	0.800066	0.676101	0.843285
281	0	0	0	0	0	0.400033	1.135275	1.011907	0.96218
282	0	0	0	0	0	0.690065	1.217863	1.212612	0.94615
283	0	0	0	0	0	1.598957	0.980096	0.842232	0.823559
284	0	0	0	0	0	0.443785	0.999463	0.715996	0.944187
285	0	0	0	0	0	0.665677	0.887569	0.878436	0.9176
286	0	0	0	0	0	1.441459	0.908473	0.842232	0.636125
287	0	0	0	0	0	1.817564	0.930434	1.11752	0.736478
288	0	0	0	0	0.769941	2.024324	0.945717	1.181837	0.904893
289	0	0	0	0	1.62648	1.539882	1.138294	0.836233	0.735266
290	0	0	0	0	1.580991	0.941786	0.745277	0.542382	0.925032
291	0	0	0	0	0	0.736863	0.483576	0.61651	0.925032
292	0	0	0	0	0	1.173214	0.728449	0.856042	0.80754
293	0	0	0	0	2.127658	0.930235	0.889273	1.178548	0.750041
294	0	0	0	0	1.326795	0.914997	0.766628	0.857604	0.757622
295	0	0	0	0	1.120896	1.608093	1.207082	0.943865	0.826536
296	0	0	0	0	2.314838	1.429057	1.068483	0.693978	0.773191
297	0	0	0	0	0	0.784924	0.880819	0.767493	0.654828
298	0	0	0	0	0	0.736977	0.689029	1.181837	0.790713
299	0	0	0	0	0	1.02761	0.91567	0.857604	0.584412
300	0	0	0	0	1.62648	0.679544	0.570151	0.693978	0.617271
301	0	0	0	0	0.706756	0.733968	0.693357	0.654988	0.528323
302	0	0	0	0	1.539818	0.793365	0.747735	0.538612	0.665005
303	0	0	0	0	0.92202	0.918757	0.848558	0.485011	0.674373
304	0	0	0	0	1.019271	1.33588	0.6711	0.65303	0.694839
305	0	0	0	0	0.509636	1.242974	0.636367	0.791006	0.695943
306	0	0	0	0	0.670714	1.454226	0.779696	0.732102	0.753815
307	0	0	0	0	1.516867	0.831792	0.610451	0.624669	0.756349
308	0	0	0	0	0.415896	0.875658	0.709984	0.698293	0.878855
309	0	0	0	0	0.645777	1.289157	1.076291	0.791006	0.758898
310	0	0	0	0	1.132306	1.223503	0.969699	0.546184	0.775841
311	0	0	0	0	1.126201	0.997168	0.719118	0.700467	0.817665
312	0	0	0	0	1.074806	1.201234	0.751449	0.813031	0.966282
313	0	0	0	0	1.272596	0.841164	0.769211	0.729764	0.766636
314	0	0	0	0	1.167509	0.812154	0.697729	0.859171	0.777173
315	0	0	0	0.583754	1.429419	0.634117	0.627867	0.928859	0.712854
316	0	0	1.533615	1.25077	1.502213	0.922549	0.853247	0.797769	0.769246
317	0	0	2.530502	1.210813	1.072121	1.05774	1.031417	0.758683	0.767939
318	0	0	0	1.121488	1.170855	1.032489	0.70773	0.854485	0.748791
319	0	0	0	1.185907	1.367092	1.008626	0.79454	1.039555	1.065382

320	0	1.450531	1.200958	1.476929	1.532032	1.047462	0.84546	0.7286	0.85429
321	0	0.489265	0.978529	1.504481	1.897138	0.822618	0.782358	0.983817	0.679666
322	0	0.244632	2.114337	1.438442	1.997279	0.732736	1.003886	1.018656	0.78934
323	0	0.122316	1.183172	1.405422	1.372403	0.938058	1.29751	0.784346	0.61177
324	0	0.061158	1.28043	1.327667	1.677297	1.204867	1.081576	0.638618	0.834069
325	0	0.030579	1.356483	1.318037	1.29885	1.978662	0.827321	0.743983	1.190528
326	0	0.01529	0.596906	1.308407	1.666647	1.063086	0.819981	0.707054	0.819131
327	0	0	0.759387	0.298453	0.149226	1.494946	0.670069	0.630195	0.725688
328	0	0	0	0	0	0.409648	0.833283	0.873539	0.656844
329	0	0	1.83778	0	0	0.621465	1.040996	0.878436	0.829533
330	0	0	1.779003	1.208972	0.214849	1.194058	1.319934	0.840724	0.747544
331	0	0	1.482115	0.429697	0.919302	1.231187	0.864389	0.557012	0.968348
332	0	0	0.859395	0.644546	0.94829	1.382713	0.947665	0.650109	0.860706
333	0	0	1.127626	3.170985	0.962784	0.977278	0.786381	0.578689	0.632288
334	0	0	1.123074	1.535627	0.970031	0.816607	0.741616	0.732102	0.825045
335	0	0	1.118521	1.337281	0.903046	0.909418	0.75645	0.70595	1.028189
336	0	0	1.518267	0.559261	0.899859	0.896673	0.753942	0.870305	0.801858
337	0	0	1.394461	0.27963	0.717459	0.966609	0.807075	0.831787	0.592179
338	0	0	2.009177	0	0.498545	0.875658	0.72963	0.660917	0.761462
339	0	0	0	0	0.951537	1.581243	0.910261	0.553891	0.865581
340	0	0	1.853808	1.027415	1.555822	1.405267	0.910261	0.689705	0.718641
341	0	0	0.963559	1.551631	1.091271	1.371861	0.984326	0.828848	0.699273
342	0	0	0	1.027415	1.411515	1.289157	0.797295	0.659923	0.680732
343	0	0	0	0	1.372403	0.994913	0.736782	0.666927	0.625654
344	0	0	0	0	0.814058	0.669857	0.859579	0.823029	0.683947
345	0	0	0	1.782929	0.741958	0.958258	1.472816	0.752497	0.562724
346	0	0	0	0	0.977713	0.954142	1.908045	0.873539	0.741361
347	0	0	0	1.247677	1.862761	0.997168	1.084243	0.973479	0.838652
348	0	0	0	1.005704	1.059414	0.986006	1.026706	0.837725	0.840191
349	0	0	0	1.512676	0.995855	1.113125	1.123405	0.660917	0.998346
350	0	0	0	0	1.05449	1.083807	1.492907	0.886723	0.849539
351	0	0	0	1.892947	0.527245	2.165282	0.775734	1.034823	0.771872
352	0	0	0	0	0.647267	1.581243	0.750207	0.666927	0.575942
353	0	0	0	0	0.323634	0.767289	1.068483	0.856042	0.675426
354	0	0	0	0	0.161817	1.173214	1.358409	1.059016	0.553069
355	0	0	0	0	0.080908	1.201234	0.949623	0.681283	0.61912
356	0	0	0	0	0.040454	0.688339	0.827321	0.661913	0.738913
357	0	0	0	0	0.020227	0.806286	1.026706	0.748828	0.706011
358	0	0	0	0	0.010114	1.050009	0.675253	1.011907	0.816204
359	0	0	0	0	0.005057	1.022786	0.540863	0.891772	0.673322
360	0	0	0	0	0.002528	0.926375	0.6805	1.084636	0.670184
361	0	0	0	0	0.001264	1.204867	0.912057	1.069083	0.865581
362	0	0	0	0	6.32E-04	1.377253	0.892701	0.669963	0.673322
363	0	0	0	0	3.16E-04	1.626962	0.934204	0.686527	0.710561
364	0	0	0	0	0	1.242974	0.737985	0.723975	0.764041
365	0	0	0	0	0	0.345594	0.848558	0.916141	0.964226
366	0	0	0	0	0	0.518391	0.691188	0.74278	0.820602

367	0	0	0	0	0	3.263527	0.698829	0.813031	0.587847
368	0	0	0	0	0	0.339723	0.679445	1.087283	0.732852
369	0	0	0	0	0	0.169861	0.752694	0.766224	0.623777
370	0	0	0	0	0	0.084931	0.92856	0.750048	0.644884
371	0	0	0	0	0	0.042465	1.092343	0.823029	0.526074
372	0	0	0	0	0	0.021233	0.963578	0.761182	0.885647
373	0	0	0	0	0	0.010616	0.982206	0.736815	1.167003
374	0	0	0	0	0	0.377947	0.930434	0.681283	0.752553
375	0	0	0	0	0	1.460753	0.745277	0.725126	0.846401
376	0	0	0	0	0	1.678066	0.692271	0.806027	0.752553
377	0	0	0	0	0	0.346136	0.782358	0.780398	0.61177
378	0	0	0	0	0	0.173068	0.857987	0.7286	0.598317
379	0	0	0	0	0	0.086534	0.732001	0.568117	0.651821
380	0	0	0	0	0	0.043267	0.965609	0.734452	0.93069
381	0	0	0	0	0	0.021633	0.982206	0.85139	0.843285
382	0	0	0	0	0	0.010817	0.818528	0.912575	0.954091
383	0	0	0	0	0	0.005408	0.92856	0.859171	0.730451
384	0	0	0	0	0	0.002704	1.406205	1.140912	0.765337
385	0	0	0	0	0	0.001352	1.284592	1.126145	0.813297
386	0	0	0	0	0	6.76E-04	1.25191	1.007465	0.694839
387	0	0	0	0	0	0	1.45992	0.776487	0.616349
388	0	0	0	0	0	0	0.336511	0.80464	0.774514
389	0	0	0	0	0	0	0.482428	0.673021	1.141591
390	0	0	0	0	0	0	1.319934	0.628345	0.970423
391	0	0	0	0	0	0	1.678141	0.840724	0.877173
392	0	0	0	0	0	0	0.420362	0.947698	0.938351
393	0	0	0	0	0	0	0.210181	1.172045	0.92691
394	0	0	0	0	0	0	0.105091	0.930707	0.683947
395	0	0	0	0	0	0	0.052545	1.005262	0.712854
396	0	0	0	0	0	0	0.43138	0.953513	0.875498
397	0	0	0	0	0	0	2.202703	0.810216	0.92691
398	0	0	0	0	0	0	1.389682	0.745189	1.062801
399	0	0	0	0	0	0	0.372595	1.087283	1.257613
400	0	0	0	0	0	0	0.186297	1.219757	0.714005
401	0	0	0	0	0	0	0	1.159323	0.693737
402	0	0	0	0	0	0	0	0.769288	0.84484
403	0	0	0	0	0	0	0	1.8934	0.952092
404	0	0	0	0	0	0	0	1.511662	0.777173
405	0	0	0	0	0	0	0	0.388586	1.160509
406	0	0	0	0	0	0	0	0.194293	1.404935
407	0	0	0	0	0	0	0	0.097147	2.460124
408	0	0	0	0	0	0	0	0.048573	1.078523
409	0	0	0	0	0	0	0	0.394354	1.009583
410	0	0	0	0	0	0	0	1.623719	0.740136
411	0	0	0	0	0	0	0	1.131992	0.73165
412	0	0	0	0	0	0	0	0.365825	0.952092
413	0	0	0	0	0	0	0	0.182912	0.846401

414	0	0	0	0	0	0	0	0.091456	0.978825
415	0	0	0	0	0	0	0	0.045728	1.237915
416	0	0	0	0	0	0	0	0.022864	1.629584
417	0	0	0	0	0	0	0	0.011432	1.055148
418	0	0	0	0	0	0	0	0.005716	0.944187
419	0	0	0	0	0	0	0	0.002858	1.103227
420	0	0	0	0	0	0	0	0	1.062801
421	0	0	0	0	0	0	0	0	0.5314
422	0	0	0	0	0	0	0	0	0.2657
423	0	0	0	0	0	0	0	0	0.54585
424	0	0	0	0	0	0	0	0	2.347566
425	0	0	0	0	0	0	0	0	0.916335
426	0	0	0	0	0	0	0	0	1.761668
427	0	0	0	0	0	0	0	0	1.37225
428	0	0	0	0	0	0	0	0	1.602007
429	0	0	0	0	0	0	0	0	2.460124
430	0	0	0	0	0	0	0	0	1.388285
431	0	0	0	0	0	0	0	0	1.060235
432	0	0	0	0	0	0	0	0	1.111784
433	0	0	0	0	0	0	0	0	2.460124
434	0	0	0	0	0	0	0	0	1.042686
435	0	0	0	0	0	0	0	0.405204	0.810409
436	0	0	0	0	0	0	0	1.588648	1.245687
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439	0	0	0	0	0	0	0	0	1.341853
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442	0	0	0	0	0	0	0	0	1.51366
443	0	0	0	0	0	0	0	0	0.606799
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446	0	0	0	0	0	0	0	0	1.576076
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448	0	0	0	0	0	0	0	0	1.19749
449	0	0	0	0	0	0	0	0	1.030572
450	0	0	0	0	0	0	0	0	1.66931
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452	0	0	0	0	0	0	0	0	0.505633
453	0	0	0	0	0	0	0	0	0.252817
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466	0	0	0	0	0	0	0	0	9.81E-04
467	0	0	0	0	0	0	0	0	4.90E-04
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619	0	0	0	0	0	0	0	0	0
620	0	0	0	0	0	0	0	0	0
621	0	0	0	0	0	0	0	0	0
622	0	0	0	0	0	0	0	0	0
623	0	0	0	0	0	0	0	0	0
624	0	0	0	0	0	0	0	0	0
625	0	0	0	0	0	0	0	0	0
626	0	0	0	0	0	0	0	0	0
627	0	0	0	0	0	0	0	0	0
628	0	0	0	0	0	0	0	0	0
629	0	0	0	0	0	0	0	0	0
630	0	0	0	0	0	0	0	0	0
631	0	0	0	0	0	0	0	0	0
632	0	0	0	0	0	0	0	0	0
633	0	0	0	0	0	0	0	0	0
634	0	0	0	0	0	0	0	0	0
635	0	0	0	0	0	0	0	0	0
636	0	0	0	0	0	0	0	0	0
637	0	0	0	0	0	0	0	0	0
638	0	0	0	0	0	0	0	0	0
639	0	0	0	0	0	0	0	0	0
640	0	0	0	0	0	0	0	0	0
641	0	0	0	0	0	0	0	0	0
642	0	0	0	0	0	0	0	0	0
643	0	0	0	0	0	0	0	0	0
644	0	0	0	0	0	0	0	0	0
645	0	0	0	0	0	0	0	0	0
646	0	0	0	0	0	0	0	0	0
647	0	0	0	0	0	0	0	0	0
648	0	0	0	0	0	0	0	0	0

649	0	0	0	0	0	0	0	0	0
650	0	0	0	0	0	0	0	0	0
651	0	0	0	0	0	0	0	0	0
652	0	0	0	0	0	0	0	0	0
653	0	0	0	0	0	0	0	0	0
654	0	0	0	0	0	0	0	0	0
655	0	0	0	0	0	0	0	0	0
656	0	0	0	0	0	0	0	0	0
657	0	0	0	0	0	0	0	0	0
658	0	0	0	0	0	0	0	0	0
659	0	0	0	0	0	0	0	0	0
660	0	0	0	0	0	0	0	0	0
661	0	0	0	0	0	0	0	0	0
662	0	0	0	0	0	0	0	0	0
663	0	0	0	0	0	0	0	0	0
664	0	0	0	0	0	0	0	0	0
665	0	0	0	0	0	0	0	0	0
666	0	0	0	0	0	0	0	0	0
667	0	0	0	0	0	0	0	0	0
668	0	0	0	0	0	0	0	0	0
669	0	0	0	0	0	0	0	0	0
670	0	0	0	0	0	0	0	0	0
671	0	0	0	0	0	0	0	0	0
672	0	0	0	0	0	0	0	0	0
673	0	0	0	0	0	0	0	0	0
674	0	0	0	0	0	0	0	0	0
675	0	0	0	0	0	0	0	0	0
676	0	0	0	0	0	0	0	0	0
677	0	0	0	0	0	0	0	0	0
678	0	0	0	0	0	0	0	0	0
679	0	0	0	0	0	0	0	0	0
680	0	0	0	0	0	0	0	0	0
681	0	0	0	0	0	0	0	0	0
682	0	0	0	0	0	0	0	0	0
683	0	0	0	0	0	0	0	1.605829	0.882238
684	0	0	0	0	0	0	1.472816	0.862323	1.060235
685	0	0	0	0	0	0	0.889273	0.626504	0.70488
686	0	0	0	0	0	0	0.990749	0.477121	0.606339
687	0	0	0	0	0	0	1.610236	0.692905	0.587847
688	0	0	0	0	0	0	0	1.632948	0.760178
689	0	0	0	0	0	0	0	0.380089	0.89429
690	0	0	0	0	0	0	0	0	1.536028
691	0	0	0	0	0	0	0	0	0
692	0	0	0	0	0	0	0	0	0
693	0	0	0	0	0	0	0	0	0
694	0	0	0	0	0	0	0	0	0
695	0	0	0	0	0	0	0	0	0

696	0	0	0	0	0	0	0	0	0
697	0	0	0	0	0	0	0	0	0
698	0	0	0	0	0	0	0	0	0
699	0	0	0	0	0	0	0	0	0
700	0	0	0	0	0	0	0	0	0
701	0	0	0	0	0	0	0	0	0
702	0	0	0	0	0	0	0	0	0
703	0	0	0	0	0	0	0	0	0
704	0	0	0	0	0	0	0	0	0
705	0	0	0	0	0	0	0	0	0
706	0	0	0	0	0	0	0	0	0
707	0	0	0	0	0	0	0	0	0
708	0	0	0	0	0	0	0	0	0
709	0	0	0	0	0	0	0	0	0
710	0	0	0	0	0	0	0	0	0
711	0	0	0	0	0	0	0	0	0
712	0	0	0	0	0	0	0	0	0
713	0	0	0	0	0	0	0	0	0
714	0	0	0	0	0	0	0	0	0
715	0	0	0	0	0	0	0	0	0
716	0	0	0	0	0	0	0	0	0
717	0	0	0	0	0	0	0	0	0

[illegible]

0	0	0	0	0	0	0	0.859603	0.432627	0.462164
0	0	0	0	0	0	0	0.693156	0.635494	0.554394
0	0	0	0	0	0	0	0.915723	0.70904	0.495931
0	0	0	0	0	0	0	0.96611	0.503796	0.356731
0	0	0	0	0	0	0	1.086143	0.466441	0.46467
0	0	0	0	0	0	0	1.185354	0.676275	0.378334
0	0	0	0	0	0	0.495264	1.837977	0.593983	0.410395
0	0	0	0	0	0	1.852372	0.990528	0.516293	0.51952
0	0	0	0	0	0	0.495264	1.032239	0.52411	0.504111
0	0	0	0	0	0	0.247632	1.901305	0.652505	0.564556
0	0	0	0	0	0	0.123816	1.083542	0.492315	0.488566
0	0	0	0	0	0	0.061908	0.790996	0.67021	0.626507
0	0	0	0	0	0	0.030954	0.913965	0.703585	0.500002
0	0	0	0	0	0	0.015477	0.600377	0.586468	0.499321
0	0	0	0	0	0	0.007739	0.656731	0.613802	0.522382
0	0	0	0	0	0	0.003869	0.713687	0.455895	0.641352
0	0	0	0	0	0	0.001935	1.11583	0.372505	0.385606
0	0	0	0	0	0	9.67E-04	1.121453	0.51	0.51952
0	0	0	0	0	0	0	1.301124	0.506542	0.653799
0	0	0	0	0	0	0	0.253271	0.750477	0.579031
0	0	0	0	0	0	0	0.126636	1.286765	0.61927
0	0	0	0	0	0	0	0.063318	0.763969	0.512448
0	0	0	0	0	0	0	0.346186	0.629054	0.516678
0	0	0	0	0	0	1.548523	0.663092	0.760247	0.438456
0	0	0	0	0	0	1.327112	0.68011	0.697129	0.564556
0	0	0	0	0	0	0	0.606456	0.532802	0.566935
0	0	0	0	0	0	0	0.266401	0.85359	0.445614
0	0	0	0	0	0	0	0.133201	1.033064	0.53402
0	0	0	0	0	0	0	0.0666	0.962691	0.483287
0	0	0	0	0	0	0	0.0333	0.723551	0.444413
0	0	0	0	0	0	0	0.362034	0.814095	0.553622
0	0	0	0	0	0	0	3.626263	0.690767	0.492568
0	0	0	0	0	0	0	1.630994	0.999657	0.569328
0	0	0	0	0	0	0	0.338647	0.954887	0.403791
0	0	0	0	0	0	0	0.433541	0.677295	0.474842
0	0	0	0	0	0	0	1.102084	0.528435	0.574961
0	0	0	0	0	0	0	1.284334	0.81831	0.589793
0	0	0	0	0	0	0	0.589758	0.52411	0.548257
0	0	0	0	0	0	0	0.958266	0.655406	0.705302
0	0	0	0	0	0	0	1.073291	0.970638	0.814096
0	0	0	0	0	0	0	1.918693	0.633644	0.671645
0	0	0	0	0	0	0	0.269719	0.539438	0.486579
0	0	0	0	0	0	0	0.134859	0.730416	0.551315
0	0	0	0	0	0	0	0.06743	0.885351	0.366645
0	0	0	0	0	0	0	0.332823	0.598216	0.431415
0	0	0	0	0	0	0	1.332165	0.682427	0.575772
0	0	0	0	0	0	0	1.391156	0.685536	0.497284

0	0	0	0	0	0	0	1.296865	0.59992	0.441424
0	0	0	0	0	0	0	1.533134	0.660285	0.477423
0	0	0	0	0	0	0	2.433603	0.761484	0.429093
0	0	0	0	0	0	0	1.020869	0.615569	0.539211
0	0	0	0	0	0	0	1.162993	0.69927	0.59997
0	0	0	0	0	0	0	1.075831	0.750477	0.532548
0	0	0	0	0	0	0	1.365596	0.722418	0.559055
0	0	0	0	0	0	0	0.361209	0.934121	0.460293
0	0	0	0	0	0	0	0.180604	0.960727	0.526709
0	0	0	0	0	0	0	0.427424	0.674244	0.697713
0	0	0	0	0	0	0	1.435465	0.732729	0.753848
0	0	0	0	0	0	0	0.328676	0.83854	0.601689
0	0	0	0	0	0	0	0.42143	0.657351	0.598257
0	0	0	0	0	0	0	1.700264	0.514185	0.584793
0	0	0	0	0	0	0	2.017916	0.508613	0.4846
0	0	0	0	0	0	0	1.172436	0.70685	0.480671
0	0	0	0	0	0	0	0.856517	0.617343	0.483287
0	0	0	0	0	0	0	0.739914	0.668207	0.620168
0	0	0	0	0	0	0	0.718136	0.480481	0.531081
0	0	0	0	0	0	0	0.980187	0.67934	0.664617
0	0	0	0	0	0	0	1.309769	0.622709	0.552083
0	0	0	0	0	0	0	1.459439	0.611165	0.499321
0	0	0	0	0	0	0	1.237541	0.595671	0.695569
0	0	0	0	0	0	0	1.036872	0.793612	0.594852
0	0	0	0	0	0	0	1.001122	0.823995	0.398363
0	0	0	0	0	0	0	1.007605	0.717913	0.629252
0	0	0	0	0	0	0	0.739914	0.429155	0.52382
0	0	0	0	0	0	0	0.734076	0.482431	0.645144
0	0	0	0	0	0	0	1.051075	0.615569	0.702033
0	0	0	0	0	0	0	1.073291	0.479186	0.618374
0	0	0	0	0	0	0	0.912213	0.449205	0.509652
0	0	0	0	0	0	0	0.96217	0.701423	0.722024
0	0	0	0	0	0	0	1.051075	0.880436	0.785551
0	0	0	0	0	0	0	1.086143	0.756558	0.640409
0	0	0	0	0	0	0	2.090547	0.785682	0.474842
0	0	0	0	0	0	0.377735	1.172436	0.662252	0.694501
0	0	0	0	0	0	1.415159	0.755469	0.665219	0.702033
0	0	0	0	0	0	1.939034	0.958266	0.586468	0.590632
0	0	0	0	0	0	0.804602	0.730611	0.731571	0.825484
0	0	0	0	0	0	1.039507	0.878593	0.852061	0.808513
0	0	0	0	0	0	0.98292	1.37564	0.83854	0.706397
0	0	0	0	0	0	0.429801	1.169265	0.624513	0.838662
0	0	0	0	0	0	0.214901	0.859603	0.559974	0.838662
0	0	0	0	0	0	0.10745	1.055915	0.647713	0.811295
0	0	0	0	0	0	0.465698	0.858057	0.583992	0.996471
0	0	0	0	0	0	2.023464	0.823946	0.780474	1.020651
0	0	0	0	0	0	0.740464	0.880213	0.960727	0.653799

0	0	0	0	0	0.370232	0.932863	0.970085	1.02164	0.685005
0	0	0	0	0	2.208975	0.934758	0.568344	0.507232	0.583965
0	0	0	0	0	1.604734	0.882897	0.75914	0.62361	0.506181
0	0	0	0	0	0.441449	0.916167	0.755469	0.662252	0.563766
0	0	0	0	0	0.220724	1.836937	0.809912	0.547687	0.849196
0	0	0	0	0	0.110362	1.457333	0.819688	0.742104	0.885723
0	0	0	0	0	0.055181	0.966265	0.654794	0.685536	0.671645
0	0	0	0	0	0.495921	1.142724	0.755469	0.604211	0.493239
0	0	0	0	0	1.065352	0.936662	0.75304	0.61029	0.553622
0	0	0	0	0	0.999874	0.706604	0.68583	0.665219	0.631092
0	0	0	0	0	1.377195	1.171236	0.577142	0.460207	0.599113
0	0	0	0	0	1.081348	0.762891	0.438578	0.686577	0.629252
0	0	0	0	0	1.500491	0.618462	0.684793	0.862877	0.544465
0	0	0	0	0.371263	1.086814	0.577373	0.704924	0.883707	0.567731
0	0	0	0	1.217302	0.742525	0.659796	0.681698	0.576646	0.592315
0	0	0	0	1.23597	0.713636	0.54368	0.700608	0.698198	0.693435
0	0	0	0	1.63102	0.687644	0.539073	0.675574	0.81831	0.772591
0	0	0	0	0.343822	0.740043	0.891408	0.724896	0.613802	0.688147
0	0	0	0	0.541932	0.957035	0.884586	0.624926	0.648667	0.61927
0	0	0	0	2.218913	0.919913	0.640081	0.610729	0.675259	0.573344
0	0	0	0	0.863779	0.825979	0.544452	0.562836	0.728116	0.61927
0	0	0	0	1.586059	0.901579	0.730857	0.695272	0.601631	0.509652
0	0	0	0	1.137415	0.736346	0.5875	0.661611	0.658327	0.580669
0	0	0	0	1.067369	0.636969	0.4179	0.604661	0.593983	0.598257
0	0	0	0	0.704734	0.580312	0.622145	0.677606	0.577456	0.685005
0	0	0	0	0.776603	0.803923	0.573222	0.611603	0.663239	0.728897
0	0	0	0	0.968312	0.683278	0.601381	0.596136	0.722418	0.650895
0	0	0	0.448172	0.896345	0.695391	0.691156	0.885112	0.721287	0.502737
0	0	0	1.223165	0.906945	0.769483	0.622145	0.801704	0.69927	0.506181
0	0	0	1.388743	0.869281	0.567647	0.61572	0.610729	0.691821	0.50549
0	0	0	1.141955	0.632501	0.681112	0.708856	0.631287	0.521251	0.538465
0	0	0	0.885956	0.77793	1.065352	0.796096	0.665555	0.564672	0.621068
0	0	0	0.903419	0.956126	0.752599	0.552255	0.666546	0.597366	0.487902
0	0	0	2.719768	0.853185	0.556962	0.768037	0.732918	0.525547	0.45473
0	0	0	0.932909	0.76099	0.593357	0.740464	0.796317	0.540926	0.572538
0	0	0	0.905205	0.77528	0.570151	0.581564	0.61777	0.483736	0.493239
0	0	0	0.727162	0.580593	0.62923	0.719139	0.528283	0.563885	0.606018
0	0	0	0.747834	0.747156	0.69763	0.804458	0.541479	0.576646	0.618374
0	0	0.373917	0.940606	0.696945	0.634051	0.558599	0.601231	0.568627	0.571733
0	0	1.438137	0.884248	0.831608	0.66312	0.583251	0.660631	0.64581	0.485918
0	0	1.269518	0.724793	0.646018	0.50212	0.644926	0.74942	0.771509	0.492568
0	0	0.362397	0.826836	0.64897	0.674676	0.68577	0.641474	0.707944	0.450452
0	0	0.181198	1.095186	0.680712	0.561041	0.714538	0.529006	0.466441	0.467823
0	0	0.090599	0.797942	0.594304	0.694276	0.739252	0.541479	0.497006	0.571733
0	0	0.0453	0.826836	0.942327	0.892695	0.510979	0.572321	0.605939	0.566141
0	0	0.389823	0.734346	0.892868	0.899788	0.576539	0.633121	0.74329	0.583139
0	0	1.318791	1.157667	0.877559	0.764218	0.760342	0.630372	0.673232	0.56219

0	0	0.881585	0.854594	0.90516	0.774813	0.532253	0.615999	0.688667	0.64897
0	0	1.363727	1.028525	0.748395	0.705559	0.654783	0.684793	0.507922	0.580669
0	0	0.370826	1.117941	0.696945	0.695391	0.810123	0.622229	0.48439	0.616587
0	0	0.477756	0.741651	0.733748	0.776156	0.605811	0.648083	0.600775	0.499321
0	0	1.505542	0.584686	0.703612	0.847627	0.803053	0.539993	0.620913	0.6892
0	0	0.798252	0.524106	0.889419	0.699881	0.701023	0.62946	0.673232	0.513151
0	0	0.904723	0.639304	0.577231	0.640891	0.654783	0.606386	0.598216	0.621068
0	0	0.71447	0.789635	0.747156	0.82749	0.574878	0.507833	0.570219	0.553622
0	0	1.168025	1.0009	1.110879	0.721865	0.770632	0.742271	0.681396	0.542957
0	1.692016	0.826323	0.706296	0.711522	0.492216	0.66794	0.723762	0.696062	0.640409
0	1.330406	1.041047	0.54702	0.521531	0.492916	0.656781	0.474051	0.559195	0.815503
0	0.510738	1.138859	0.619397	0.556794	0.684365	0.601381	0.567553	0.597366	0.647053
0	0.255369	1.021476	0.620325	0.647	0.592475	0.512413	0.557397	0.735053	0.66164
0	0.127685	0.678914	0.573706	0.456676	0.610464	0.544452	0.46522	0.664228	0.556718
0	0.393731	0.659778	0.569556	0.676483	0.723054	0.631492	0.582836	0.581529	0.57093
0	1.411082	0.811323	0.709705	0.877559	0.525644	0.505997	0.69105	0.728116	0.600829
0	0.770098	0.789752	0.725976	0.552819	0.711313	0.622145	0.591936	0.776609	0.797556
0	1.053289	0.946928	0.812148	0.509191	0.613227	0.826095	0.586123	0.620018	0.84616
0	1.058506	0.978252	0.590716	0.56812	0.741282	0.652793	0.61777	0.811307	0.879146
0	2.116483	0.917712	0.645164	0.61847	0.608631	0.602263	0.645238	0.952957	1.206897
0	1.393704	0.811323	0.800746	0.706985	0.426762	0.466128	0.547474	0.694998	0.687097
0	1.488518	0.942917	0.822377	0.815375	0.731465	0.447177	0.703841	0.625417	0.549019
0	0.797993	0.762562	0.921615	0.632501	0.990961	0.800257	0.688954	0.822566	0.764997
0	0.584863	0.862925	0.789635	0.406429	0.692054	0.887984	0.737569	0.620913	0.5957
0	1.080026	1.369019	0.600363	0.401933	0.685455	0.829063	0.679647	0.825427	0.79218
0	1.094039	1.168025	0.696228	0.629658	0.957035	0.745349	0.666546	0.671215	0.676735
0.48651	0.97302	0.885065	0.766928	0.767428	0.622569	0.793345	0.70276	0.461447	0.628335
2.81404	1.600741	1.105681	0.646148	0.727788	0.680032	0.678339	0.789676	0.673232	0.73354
0	0.906136	0.876416	0.59683	0.889419	0.743772	0.584098	0.796317	0.662252	0.560619
0	0.935857	0.834021	0.822377	0.674384	0.617873	0.66794	0.722631	0.532071	0.548257
0.323168	0.646336	0.53265	0.842037	0.759714	0.731465	0.697709	0.608986	0.46896	0.644193
1.595491	0.65454	0.670305	1.005384	0.879234	0.686548	0.732046	0.595293	0.643916	0.654772
1.081321	0.533366	1.185118	0.774808	0.589972	0.605896	0.783848	0.608986	0.978733	0.793517
0.963196	0.709661	0.96545	0.880851	0.634406	0.552118	0.681508	0.784435	0.919619	0.824044
1.044883	0.856504	0.775944	0.795155	0.703612	0.741282	0.510979	0.642412	0.793612	0.580669
1.025356	1.680874	0.946928	0.788266	0.853185	0.718319	0.490016	0.790996	0.831207	0.613921
1.272664	0.986149	0.931102	0.799341	0.640173	0.694276	0.71112	0.781838	0.723551	0.635726
1.741761	0.625508	0.603291	0.764333	0.702494	0.640891	0.887984	0.739914	0.682427	0.514558
1.013584	0.570124	0.818758	0.672556	0.63632	0.78021	0.760342	0.575529	0.951036	0.623779
0.788458	0.611221	0.935005	0.898106	0.694745	1.002131	1.009164	0.693156	0.655406	0.694501
0.880567	0.69125	0.774587	0.835893	0.65997	0.70101	0.815864	0.603801	0.650582	0.68605
0.892706	0.977352	0.817261	0.734346	0.828611	0.712472	0.575708	0.75914	0.926809	0.730053
0.741314	0.811155	0.713988	0.493931	0.82712	0.617873	0.546002	0.829689	0.78177	0.84465
0.79825	0.637287	0.642447	0.526344	0.73255	0.896227	0.730857	0.646184	0.711241	0.606889
1.073251	0.615931	0.689922	0.803569	0.577231	0.678956	0.770632	0.656731	0.549204	0.607762
0.910657	0.597388	0.663958	0.545455	0.573066	0.8068	0.61481	0.509905	0.78307	0.691312
0.944967	0.964482	1.217689	0.942551	0.825635	0.894457	0.845761	0.601231	0.719034	0.794859

0.702179	0.771451	0.785563	0.872474	0.706985	0.554533	0.648842	0.610729	0.627232	0.605149
0.681149	0.659748	0.503389	0.536942	0.624028	0.495727	0.545226	0.761604	0.786994	0.685005
0.822994	0.651445	0.556581	0.577897	0.704734	0.685455	0.760342	0.841408	0.661267	0.779023
0.780237	0.556695	0.769201	0.736767	0.609362	0.946954	1.022906	0.69105	0.720159	0.834225
0.706739	0.503114	0.645455	0.797942	0.686056	1.020622	0.866359	0.859603	0.935968	0.785551
0.472446	0.716771	0.861268	0.678885	0.667117	0.877147	0.507414	0.524688	0.862877	0.715257
0.723087	0.756794	0.946928	0.781485	0.580593	0.681112	0.721457	0.636814	0.685536	0.770045
0.729078	0.755486	0.688809	0.68747	0.724251	0.838217	0.842677	0.862711	0.84902	0.583139
0.799668	0.905298	0.675666	0.730739	0.870924	0.59424	0.605811	0.659652	0.701423	0.542957
0.854033	0.767404	0.705817	0.617548	0.617551	0.643856	0.544452	0.47918	0.725828	0.633866
0.792628	0.572689	0.781414	0.816503	0.581437	0.755154	0.830555	0.634041	0.659305	0.571733
0.565206	0.591976	0.7954	0.673604	0.680712	0.824474	0.69442	0.613356	0.832663	0.672658
0.697666	0.578733	0.770542	0.717764	0.776603	0.78021	0.736836	0.633121	0.919619	0.804371
1.030156	0.550133	0.612521	0.683156	0.656942	0.569315	0.701023	0.599526	0.634568	0.560619
0.654945	0.750292	0.64445	0.60214	0.805353	0.865428	0.630549	0.675574	0.631803	0.483943
0.546583	0.926074	0.796824	0.629711	0.784625	0.782933	0.940494	0.819688	0.607674	0.636658
0.634093	0.623576	0.78004	0.744114	0.608462	0.619745	0.985047	0.611603	0.624513	0.692373
0.724279	0.538883	0.704662	0.75664	0.513506	0.809696	0.820219	0.498295	0.675259	0.653799
1.022976	0.710838	0.706975	0.605717	0.525228	1.121136	0.898339	0.613356	0.79898	0.752627
0.815569	0.626478	0.888574	0.885956	0.787332	0.714802	0.820219	0.654794	0.632723	0.744173
0.723087	0.733829	0.682187	0.677824	0.842262	0.730254	0.592653	0.566763	0.501067	0.504111
0.575249	0.916507	0.658739	0.547805	0.783278	0.788432	0.779841	0.767826	0.757784	0.486579
1.095113	0.992866	0.854701	0.68747	0.724251	0.846045	1.33659	0.996854	0.80169	0.704209
0.965269	0.702665	0.594254	0.689643	0.768727	0.745022	0.989334	0.851929	0.497006	0.670634
0.796838	0.573548	0.815768	0.992069	0.76227	0.799643	0.724958	0.54823	0.538695	0.668619
0.753904	0.605634	0.888574	0.752844	0.499285	0.878847	0.727308	0.532637	0.598216	0.649931
1.084044	0.684542	0.638467	0.658137	0.56812	0.731465	0.607596	0.526123	0.535003	0.720888
0.726672	0.630378	0.739467	0.544674	0.626834	0.839772	0.706604	0.583655	0.733889	0.518808
0.664198	0.785218	0.762562	0.47293	0.541109	1.030172	0.812984	0.674562	0.536476	0.433164
0.847645	0.812643	0.607881	0.804987	0.787332	0.588965	0.964228	0.646184	0.518411	0.631092
1.217295	0.890788	0.612521	0.960466	0.742232	0.438964	0.659796	0.880213	0.657351	0.864701
0.787077	0.53651	0.708136	0.942551	0.606667	0.70101	0.847311	0.735237	0.67934	0.84465
0.740075	0.437472	0.591578	0.584686	0.542652	0.714802	0.839614	0.726033	0.862877	0.784238
0.792628	0.569273	0.670305	0.624992	0.575561	0.588965	0.638157	0.588605	0.696062	0.492568
0.784328	0.763395	0.824799	0.672556	0.780595	0.556962	0.637199	0.608986	0.684497	0.687097
0.501457	0.630378	0.84028	0.552546	0.638242	0.66312	0.79061	0.719255	0.765217	0.92199
0.78296	0.706149	0.627709	0.728351	0.634406	0.537902	0.636243	0.744641	0.535739	0.66263
0.787077	0.682329	0.606039	1.023797	0.901612	0.788432	0.612995	0.677606	0.594827	0.587286
0.607762	0.538883	0.802565	0.85779	0.74101	1.073277	0.702134	0.581201	0.745672	0.766253
0.661091	0.625508	0.78004	0.720095	0.665063	0.709002	0.794718	0.714795	0.696062	0.649931
0.8721	0.704984	0.640453	0.843587	0.700266	0.530964	0.567477	0.485677	0.662252	0.550548
0.683316	0.574408	0.848233	0.682084	0.771336	0.753874	0.527022	0.539993	0.85359	0.68085
0.720713	0.755486	0.78004	0.594199	0.770029	0.877147	0.985047	0.853453	0.69927	0.538465
0.986566	0.945865	0.645455	0.589849	0.785976	0.596013	0.686841	0.799002	0.532802	0.483943
0.961132	0.674671	0.886816	0.831341	0.674384	0.755154	0.671033	0.522545	0.626324	0.526709
0.919919	0.546889	1.056326	0.934821	0.607563	1.030172	1.104589	0.665555	0.797632	0.785551
0.838236	0.570124	0.70351	0.832853	0.728974	0.769483	0.728488	0.686869	0.678316	0.560619

0.889203	0.837161	0.744494	0.690733	0.655938	0.669385	0.432591	0.600377	0.702503	0.506873
0.778881	0.717968	0.767865	0.749081	0.864389	0.916184	0.513132	0.468353	0.737391	0.634795
0.685493	0.58663	0.630617	0.667351	0.662	0.736346	0.564227	0.497622	0.599067	0.588956
0.931301	0.854859	0.657702	0.717764	0.601325	0.58984	0.673108	0.747024	0.485045	0.476131
0.863794	0.63234	0.641448	0.677824	0.667117	0.796813	0.601381	0.422438	0.525547	0.518808
0.665238	0.594673	0.689922	0.77085	0.662	0.588092	0.59179	0.435652	0.681396	0.666614
0.580359	0.544472	0.671372	0.682084	0.538804	0.548122	0.613901	0.463973	0.572618	0.61927
0.623557	0.704984	0.888574	0.588121	0.573896	0.635021	0.537548	0.591936	0.590627	0.581491
0.631194	1.094039	0.993681	0.526344	0.700266	0.605896	0.545226	0.764082	0.638283	0.656723
0.721899	0.782429	0.978252	0.761754	0.76227	0.988761	0.9622	0.657703	0.685536	0.717501
0.768189	0.540473	0.773234	0.910606	0.575561	0.616009	0.736836	0.535565	0.446198	0.633866
0.516724	0.489451	0.697797	0.648123	0.609362	0.719498	0.590929	0.486332	0.657351	0.551315
0.625454	0.634312	0.8128	0.761754	0.642113	0.635021	0.634336	0.536299	0.396954	0.542957
0.648884	0.856504	0.678914	0.624992	0.602211	0.439583	0.551468	0.512682	0.546931	0.5957
0.670477	0.931917	0.620999	0.518929	0.68391	0.592475	0.583251	0.655762	0.577456	0.566935
0.794027	0.84834	0.656668	0.606615	0.825635	0.931296	0.859917	0.845886	0.707944	0.665614
0.820009	0.631358	0.805465	0.80641	0.723078	0.735121	0.721457	0.615116	0.685536	0.716378
0.836688	0.574408	0.655637	0.751586	0.592566	0.620684	0.713396	0.54823	0.497006	0.606889
0.507934	0.505311	0.659778	0.527092	0.626834	0.692054	0.547556	0.531181	0.625417	0.602552
0.543425	0.429383	0.616268	0.591584	0.558394	0.669385	0.61209	0.520413	0.598216	0.723162
0.629272	0.685653	0.507032	0.484321	0.599559	0.588965	0.495508	0.510597	0.501748	0.534757
0.568528	0.803794	0.675666	0.624992	0.840724	0.616009	0.443485	0.761604	0.575837	0.514558
0.755184	0.931917	0.705817	0.660168	0.77528	0.870411	0.783848	0.655762	0.704671	0.659667
0.638968	0.56504	0.63159	0.741651	0.555996	0.773475	0.761615	0.429857	0.381707	0.511048
0.615124	0.651445	0.781414	0.655109	0.578909	0.646842	0.527022	0.428707	0.337067	0.443215
0.666281	0.749004	0.771886	0.510916	0.589972	0.792603	0.565849	0.401989	0.74329	0.856879
0.764246	0.60656	0.652557	0.575378	0.486873	0.598686	0.654783	0.551264	0.516293	0.61927
0.596948	0.665019	0.567376	0.527092	0.581437	0.561861	0.531502	0.439166	0.49768	0.49391
0.522684	0.65454	0.580174	0.525597	0.796943	0.600478	0.610287	0.682728	0.555325	0.478071
0.71367	0.772808	0.678914	0.556536	0.607563	0.726639	0.643953	0.755469	0.624513	0.620168
0.71367	0.43	0.502664	0.751586	0.535751	0.625411	0.66794	0.549744	0.556097	0.600829
0.52494	0.531022	0.610659	0.600363	0.673339	0.603178	0.638157	0.463973	0.642031	0.632015
0.445879	0.750292	0.734497	0.641249	0.555996	0.455999	0.561806	0.521833	0.785682	0.766253
0.67792	0.641286	0.620048	0.50518	0.540339	0.462482	0.523323	0.592773	0.664228	0.594004
0.718353	0.571833	0.491226	0.538478	0.538039	0.467078	0.485943	0.703841	0.510694	0.471
0.778881	0.809673	0.792567	0.773485	0.806771	0.78021	0.702134	0.682728	0.644862	0.583965
0.660061	0.550133	0.758626	0.944506	0.668148	0.885716	0.886281	0.567553	0.522679	0.608637
0.717177	0.583982	0.739467	0.772165	0.619392	0.668335	0.720296	0.596136	0.603349	0.719756
0.522684	0.698063	0.659778	0.592454	0.723078	0.711313	0.613901	0.584476	0.858209	0.772591
0.660061	0.67903	0.676746	0.749081	0.716108	0.549716	0.658789	0.595293	0.652505	0.683962
0.638968	0.699209	0.730807	0.599477	0.639207	0.619745	0.464195	0.635888	0.654437	0.613921
0.712507	0.556695	0.695532	0.616626	0.798333	0.765528	0.52628	0.764082	0.56546	0.558275
0.641919	0.640283	0.848233	0.564628	0.625897	0.819987	0.796096	0.640538	0.583169	0.693435
0.67792	0.388802	0.538117	0.516729	0.504918	0.604988	0.755286	0.568344	0.454671	0.578214
0.799668	0.372817	0.533427	0.583832	0.581437	0.705559	0.548336	0.424707	0.697129	0.716378
0.681149	0.609351	0.774587	0.572042	0.605772	0.667287	0.699916	0.506458	0.592302	0.776439
0.711347	0.564198	0.632566	0.510195	0.502092	0.489427	0.475922	0.534099	0.52054	0.558275

0.577796	0.737573	0.5311	0.603032	0.768727	0.769483	0.539073	0.593611	0.57342	0.550548
0.645886	0.77828	0.59069	0.645164	0.892868	0.865428	0.757807	0.895078	0.724688	0.611271
0.769511	0.63234	0.685485	0.720095	0.64897	0.669385	0.874549	0.621333	0.535003	0.753848
0.741314	0.725216	0.723519	0.815046	0.567301	0.651864	0.884586	0.589435	0.424569	0.579849
0.570198	0.660797	0.869618	0.676765	0.499985	0.652875	0.57075	0.473415	0.666213	0.520949
0.667326	0.645321	0.82026	0.788266	0.5978	0.522633	0.56993	0.489622	0.64676	0.847675
0.747563	0.735074	0.685485	0.595074	0.589111	0.723054	0.746579	0.565975	0.731571	0.645144
0.565206	0.764727	0.632566	0.565445	0.64897	0.957035	0.645902	0.562055	0.722418	0.587286
0.545792	0.812643	0.692157	0.661187	0.647984	0.927469	0.781173	0.793648	0.686577	0.705302
0.735153	0.613099	0.705817	0.735555	0.743458	0.682193	0.703247	0.784435	0.625417	0.52454
0.697666	0.702665	0.588037	0.598593	0.566484	0.868744	0.829063	0.588605	0.526267	0.579849
0.671533	0.657657	0.729584	0.582128	0.610264	0.90882	0.74168	0.506458	0.460826	0.7406
0.833607	0.673588	0.678914	0.535412	0.587394	0.617873	0.527765	0.646184	0.558419	0.552852
0.68007	0.583982	0.611589	0.560563	0.499285	0.527916	0.505997	0.426417	0.591464	0.548257
0.621669	0.559182	0.754726	0.701792	0.667117	0.738807	0.826095	0.602086	0.826865	0.549783
0.820009	0.811155	1.535734	1.295906	0.970377	0.906999	1.191339	0.980187	1.095176	0.880781
0.890951	0.790849	0.923401	1.043025	0.930839	0.622569	0.724958	0.888408	0.482431	0.625596
0.855645	0.826264	0.685485	0.68747	0.556794	0.777503	0.861518	0.552026	0.441429	0.635726
0.87716	0.456735	0.771886	0.766928	0.571411	0.950958	0.86474	0.606386	0.546176	0.692373
0.706739	0.498753	0.692157	0.632567	0.623097	0.757724	0.690073	0.55817	0.611165	0.50826
0.699917	0.545276	0.729584	0.630661	0.623097	0.811152	0.664868	0.506458	0.728116	0.716378
0.695427	0.616879	0.665009	0.54234	0.427256	0.692054	0.695514	0.563619	0.760247	0.531814
0.51451	0.572689	0.601469	0.695123	0.603988	0.593357	0.659796	0.661611	0.487016	0.644193
0.625454	0.587517	0.542859	0.700674	0.76099	0.578602	0.546002	0.596981	0.5631	0.673673
0.68007	0.649394	0.533427	0.636404	0.346875	0.696509	0.628667	0.541479	0.475964	0.752627
0.905193	0.69692	0.716351	0.751586	0.529706	0.789818	0.810123	0.789676	0.556097	0.781623
0.957034	0.824729	0.788351	0.731938	0.701379	0.610464	0.609388	0.68583	0.581529	0.483287
0.730286	0.585746	0.651536	0.572042	0.56	0.544163	0.66794	0.56993	0.542419	0.4846
0.925573	0.573548	0.741973	0.624992	0.603988	0.89094	0.851995	0.676589	0.935968	0.698789
0.806823	0.615931	1.016718	0.921615	0.908737	1.136279	1.161523	0.732918	0.837064	0.834225
0.67792	0.660797	0.647473	0.639304	0.731354	0.683278	0.698811	0.657703	0.659305	0.461539
0.49367	0.758106	0.729584	0.561373	0.674384	0.516672	0.749049	0.672544	0.536476	0.506181
0.546583	0.510482	0.616268	0.772165	0.622168	0.499978	0.796096	0.641474	0.508613	0.657702
0.952975	0.751585	0.692157	0.861011	0.818282	0.489427	0.71112	0.639604	0.630885	0.54371
0.678994	0.559182	0.468546	0.649114	0.651943	0.634051	0.727308	0.557397	0.748068	0.517387
0.684403	0.557523	0.654608	0.717764	0.405301	0.70101	0.707728	0.543717	0.5631	0.669625
0.726672	0.560848	0.829386	0.692923	0.497192	0.692054	0.796096	0.696334	0.611165	0.485918
0.638968	0.582225	0.634524	0.493931	0.65997	0.623514	0.512413	0.614235	0.587297	0.577398
0.532546	0.689002	0.670305	0.588985	0.850036	0.654905	0.566662	0.535565	0.522679	0.604282
0.535627	0.515715	0.516649	0.786901	0.709248	0.554533	0.762891	0.841408	0.776609	0.478719
0.766871	0.747719	0.580174	0.825345	0.716108	0.662085	0.804458	0.767826	0.655406	0.752627
0.726672	0.572689	0.60056	0.810707	0.638242	0.652875	0.690073	0.696334	0.596518	0.781623
0.741314	0.609351	0.656668	0.864255	0.487553	0.642866	0.739252	0.695272	0.629969	0.67776
0.724279	0.596481	0.68659	0.77085	0.499285	0.604082	0.668968	0.70601	0.83854	0.50549
0.799668	0.738829	0.658739	0.553341	0.723078	0.745022	0.621221	0.771603	0.949124	0.646097
0.752629	0.682329	0.978252	0.826836	0.77528	0.450881	0.693329	0.832589	0.515589	0.603416
0.604127	0.60656	0.674588	0.714292	0.831608	0.684365	0.830555	0.856517	0.640153	0.514558

0.516724	0.728887	0.659778	0.735555	0.599559	0.750058	0.665889	0.520413	0.560753	0.52889
0.588138	0.69578	0.694404	0.757913	0.608462	0.695391	0.676239	0.513379	0.501748	0.768777
0.711347	0.716771	0.548457	0.629711	0.497888	0.655923	0.835061	0.736402	0.609416	0.719756
0.696545	0.640283	0.583651	0.654104	0.676483	0.651864	0.566662	0.589435	0.558419	0.596551
0.599626	0.751585	0.706975	0.541565	0.681775	0.750058	0.521119	0.624025	0.485045	0.454116
0.69209	0.683434	0.650516	0.565445	0.711522	0.512988	0.443485	0.632203	0.556097	0.550548
0.79825	0.733829	0.671372	0.685308	1.077845	0.723054	0.5875	0.606386	0.655406	0.434921
0.706739	1.028102	0.792567	0.666318	0.691466	0.628272	0.596995	0.596981	0.606806	0.492568
0.77753	0.668212	0.611589	0.624992	0.65997	0.611383	0.663849	0.608118	0.526267	0.697713
0.616984	0.719167	0.591578	0.718928	0.673339	0.614152	0.688993	0.701683	0.719034	0.737056
0.622612	0.685653	0.63159	0.887671	0.811052	0.835125	0.665889	0.523973	0.789629	0.794859
0.631194	0.66396	0.982605	0.887671	0.670217	0.973667	0.707728	0.628549	0.751686	0.59997
0.812634	0.612159	0.759934	0.516729	0.747156	1.013595	0.482577	0.978147	0.898735	0.719756
0.803947	0.686766	0.594254	0.558948	0.74101	0.875453	0.658789	0.649035	0.746869	0.679817
0.541071	0.754182	1.028712	0.666318	0.5552	0.628272	0.766745	0.584476	0.702503	0.544465
0.794027	0.672507	0.838707	0.679949	0.695844	0.801065	0.735634	0.553554	0.694998	0.727744
0.615124	0.738829	0.701216	0.784185	0.720742	0.641877	0.64688	0.730611	0.872367	0.829832
0.548968	0.756794	0.480082	0.54702	0.566484	0.690947	0.582407	0.500999	0.680367	0.864701
0.544212	0.837161	0.706975	0.622186	0.490285	0.644849	0.649826	0.562836	0.676275	0.580669
0.725473	0.737573	0.521918	0.782833	0.657949	0.675742	0.548336	0.659652	0.79228	0.583139
0.907007	0.793693	0.642447	0.650108	0.611169	1.049925	0.789249	0.75914	0.89535	0.897479
0.865443	0.61783	1.114481	1.021452	0.750885	0.819987	0.719139	0.666546	0.78307	0.704209
0.805383	0.67143	0.902899	0.77085	0.701379	0.738807	0.68577	0.636814	0.78177	0.695569
0.725473	0.668212	0.676746	0.591584	0.693649	0.769483	0.540603	0.764082	0.790952	0.614808
0.515984	0.597388	0.702362	0.407946	0.585684	0.773475	0.745349	0.883473	0.707944	0.809902
0.792628	0.750292	0.7954	0.673604	0.646018	0.575202	0.750289	0.825375	0.603349	0.832756
1.00667	0.929961	0.646463	0.744114	0.759714	0.737575	0.77719	0.734076	0.78307	0.879146
0.721899	0.818644	0.744494	0.812148	0.742232	0.769483	1.018277	0.898451	0.631803	0.739415
0.781596	0.72766	0.526485	0.81943	0.705858	0.614152	0.798866	0.681698	0.673232	0.725447
0.999865	0.8998	0.542859	0.807837	0.851608	0.916184	0.910742	0.647132	0.847507	0.618374
0.473784	0.792269	0.921496	0.89635	0.784625	0.8605	0.61572	0.699535	0.974667	0.651861
0.710191	0.634312	0.879855	0.698445	0.530457	0.825979	0.770632	0.777972	0.714564	0.555168
1.020609	0.84996	0.921496	0.837421	0.725427	0.729045	0.798866	0.799002	0.702503	0.574152
0.894468	0.951982	0.725935	0.882546	0.894603	0.546534	0.944361	0.675574	0.575837	0.84465
0.815569	0.67143	0.736975	0.880851	0.632501	0.534804	0.905383	0.893401	0.680367	0.474842
0.967352	0.77828	0.818758	1.120871	0.867645	0.830528	0.640081	0.730611	0.685536	0.655746
1.377062	1.071831	0.826323	0.823858	0.813929	0.872086	0.638157	0.621333	0.668207	0.63853
0.633125	0.698063	0.756022	0.817964	0.502797	0.631152	0.605811	0.633121	0.705759	0.728897
0.967352	0.803794	0.912098	0.84827	0.66404	1.11817	1.104589	0.859603	0.725828	0.609513
0.990954	0.8998	1.014359	0.856189	0.733748	0.961133	0.688993	0.680672	0.78307	0.591473
1.195568	1.600741	0.824799	0.699558	0.620315	0.808246	0.562612	0.609857	0.603349	0.679817
0.788458	0.983933	0.604205	0.846704	0.91598	0.549716	0.719139	0.848897	0.864444	0.763744
0.756467	0.790849	0.523435	1.215787	0.830107	0.550515	0.905383	1.046289	1.07687	0.730053
0.965269	0.941834	0.728364	0.879163	0.74101	0.646842	0.8087	0.851929	0.739741	0.770045
0.716005	0.550948	0.685485	0.724793	0.610264	0.674676	0.800257	0.756689	0.64581	1.091716
0.820009	0.666081	0.74576	0.874136	0.662	0.748794	1.04437	1.070766	0.982838	1.157723
0.682231	0.677936	0.857972	1.201395	1.185598	1.371861	0.929097	0.954397	0.85359	0.708595

0.942989	0.956109	0.99593	0.936741	0.962176	1.025371	0.824619	0.742271	0.614684	0.531081
0.829027	0.740088	0.869618	0.785541	0.912343	0.868744	0.793345	0.818278	0.56546	0.657702
0.812634	0.60656	0.560701	0.615707	1.023126	0.838217	0.702134	0.640538	0.598216	0.606889
0.761638	0.469392	0.681094	0.958438	0.80394	0.942986	0.728488	0.669535	0.725828	0.718627
0.661091	0.638283	0.697797	0.737983	0.771336	0.669385	0.853568	0.641474	0.525547	0.608637
0.87378	0.812643	0.563192	0.727162	0.706985	0.69763	1.322449	1.065759	0.835592	0.822609
1.289873	0.779658	0.650516	0.972832	1.002587	1.020622	0.919822	0.636814	0.767723	0.747776
1.174877	1.016036	1.559841	0.885956	0.738576	1.002131	0.656781	0.670536	0.775329	0.776439
1.192051	0.856504	1.232988	0.840493	0.96015	0.789818	0.588354	0.903561	0.693936	0.583965
0.999865	1.185655	0.933049	0.491853	1.116637	0.818502	0.709986	0.672544	0.703585	0.469091
0.826	1.082793	1.056326	0.835893	1.122473	0.778854	0.674149	0.62946	0.681396	0.375254
1.00667	0.903457	0.9196	0.892857	0.851608	0.541804	0.810123	0.767826	0.537954	0.664617
1.089543	1.292814	0.782793	1.123821	0.970377	0.648844	0.691156	0.678625	0.522679	0.859991
1.095113	1.178677	1.014359	1.300327	1.080504	0.799643	0.373453	0.587776	0.751686	0.737056
1.404747	1.199956	1.431938	0.865886	0.853185	1.086814	0.839614	0.611603	0.804416	0.708595
1.121098	0.766064	0.987001	0.905205	0.934635	0.757724	0.57075	0.723762	0.740921	0.464042
0.778881	0.88196	0.824799	0.641249	0.870924	0.562683	0.481907	0.688954	0.719034	0.438456
0.83979	1.214745	1.232988	0.785541	0.727788	0.606806	0.561002	0.605522	0.669207	0.695569
0.768189	0.905298	0.809851	0.663232	0.552029	0.626363	0.493441	0.715906	0.647713	0.499321
0.83979	0.964482	0.694404	0.608419	0.867645	0.685455	0.507414	0.907001	0.790952	0.597403
0.808269	0.77828	0.8128	0.697335	0.974536	1.188619	0.778513	1.003273	1.006136	0.756301
0.761638	0.887235	1.105681	1.234474	0.573066	0.787051	0.993663	0.668536	0.776609	0.665614
1.030156	0.746437	0.948948	0.854594	0.646018	0.689843	0.735634	0.615999	0.880436	0.579031
0.896237	0.660797	0.957121	0.572873	0.689294	0.997629	0.629607	0.703841	0.903863	0.668619
0.867097	0.69692	1.036071	0.679949	0.542652	0.822973	0.579044	0.618658	0.648667	0.520234
1.12709	0.826264	0.736975	0.667351	0.543426	0.656944	0.504583	0.591101	0.503796	0.533283
1.06272	0.792269	0.834021	0.682084	0.783278	0.687644	0.439216	0.739914	0.627232	0.68085
0.916191	0.864825	0.938943	0.810707	1.271738	1.434482	0.679393	1.023119	1.012713	0.702033
1.213597	0.657657	0.806922	0.75919	0.856357	0.885716	0.805868	0.730611	0.514886	0.540706
1.854612	0.800884	0.660819	0.856189	0.593434	0.636969	0.717984	0.585299	0.465814	0.515263
1.303242	0.565883	0.906555	0.891122	0.555996	0.815547	0.707728	0.579573	0.453451	0.550548
1.02775	0.63234	0.736975	0.768232	0.733748	0.690947	0.687916	0.581201	0.452233	0.561404
1.039918	0.649394	0.718727	0.67151	0.710384	0.889191	0.650813	0.565975	0.67021	0.649931
0.742557	0.793693	0.788351	0.699558	0.923346	0.835125	0.488654	0.589435	0.740921	0.632939
0.598732	1.020822	0.876416	0.864255	0.950158	0.808246	0.618462	0.683759	0.749271	0.582314
0.847645	0.981728	0.727148	0.727162	0.749639	0.603178	0.677288	0.745831	0.516998	0.775152
1.622952	0.677936	0.696663	0.80927	0.542652	0.639908	0.62586	0.661611	0.644862	0.737056
1.331283	0.583103	0.775944	0.80927	0.456042	0.724245	0.579044	0.534099	0.480481	0.690255
1.011267	0.63234	0.638467	0.650108	0.580593	0.584617	0.659796	0.474689	0.559195	0.534757
1.312389	0.656616	0.712811	0.722438	0.57975	0.584617	0.665889	0.46522	0.548445	0.448631
1.073251	0.488744	0.913961	0.582128	0.582283	0.705559	0.706604	0.640538	0.697129	0.620168
0.892706	0.730117	0.99593	0.795155	0.733748	0.58722	0.697709	0.720378	0.605939	0.646097
1.00439	0.979535	0.680003	0.761754	0.946225	0.435267	0.664868	0.822522	0.553787	0.45167
1.741761	0.856504	0.633544	0.77085	0.689294	0.460527	0.785192	0.594451	0.52411	0.536237
1.289873	0.795121	0.702362	0.985562	0.718419	0.628272	0.791975	0.619548	0.559974	0.631092
1.109357	0.943845	0.665009	0.716604	0.647	0.597794	0.652793	0.52973	0.499032	0.455345
1.472686	0.800884	0.61721	0.793768	0.673339	0.794002	0.662832	0.350146	0.488335	0.642297

1.453079	0.69125	0.897471	0.734346	0.657949	0.919913	0.783848	0.503038	0.717913	0.702033
0.944967	0.781042	0.782793	0.776135	0.617551	0.857246	0.833554	0.709283	0.732729	0.602552
1.06272	0.878478	0.78004	0.532368	0.58398	0.707851	0.565037	0.688954	0.691821	0.562977
2.81404	1.39942	0.811323	0.620325	0.690379	0.424362	0.688993	0.770341	0.627232	0.70312
1.754364	1.011302	0.565697	0.611137	0.711522	0.601376	0.853568	0.847389	0.722418	0.497962
1.092319	0.789435	0.616268	0.641249	0.598679	0.626363	0.5602	0.619548	0.593983	0.539211
1.382459	0.759422	0.564861	0.714292	0.572238	0.596013	0.661818	0.494939	0.469593	0.453504
1.507471	0.730117	0.658739	0.544674	0.499285	0.650855	0.666913	0.433905	0.45406	0.727744
0.973663	0.69125	0.71992	0.600363	0.610264	0.586351	0.623071	0.545968	0.545422	0.52454
0.714836	0.69692	0.796824	0.507322	0.599559	0.829007	0.546778	0.605522	0.527711	0.480671
0.705594	0.840326	0.814281	0.536177	0.680712	0.705559	0.690073	0.580386	0.467699	0.594004
1.652268	0.892576	0.515902	0.617548	0.759714	0.56848	0.616632	0.541479	0.570219	0.616587
3.303061	0.806723	0.443818	0.536177	0.628715	0.622569	0.562612	0.482416	0.488995	0.561404
1.486268	0.774169	0.498339	0.509475	0.514954	0.637946	0.584946	0.536299	0.420596	0.566141
0.921795	0.66396	0.673513	0.605717	0.513506	0.596903	0.559399	0.581201	0.556097	0.727744
0.939058	0.669282	0.688809	0.601251	0.644061	0.651864	0.599621	0.649035	0.613802	0.682922
2.245522	0.770098	0.738219	0.606615	0.709248	0.743772	0.537548	0.68583	0.633644	0.537721
0.385049	0.995128	0.56906	0.708566	0.675432	0.678956	0.679393	0.576335	0.406148	0.491898
0.192524	0.821676	0.475975	0.600363	0.682841	0.557775	0.539837	0.544466	0.590627	0.538465
0.096262	0.909002	0.516649	0.594199	0.552819	0.593357	0.525539	0.602086	0.647713	0.611271
0.048131	0.941834	0.547653	0.491163	0.503503	0.593357	0.511696	0.61777	0.482431	0.579031
0.024066	1.006619	0.603291	0.544674	0.590835	0.637946	0.691156	0.640538	0.546931	0.730053
0.012033	1.189186	0.715168	0.421831	0.435029	0.647842	0.564227	0.572321	0.703585	0.612152
0.006016	1.405212	0.771886	0.524851	0.517865	0.598686	0.474603	0.560497	0.602489	0.401068
0.003008	1.211	0.448908	0.55096	0.644061	0.252665	0.53831	0.862711	0.674244	0.388233
0.001504	1.108518	0.565697	0.642224	0.880915	0.574356	0.627729	0.808533	0.757784	0.506873
7.52E-04	1.135864	0.616268	0.625932	0.674384	0.740043	0.798866	0.514777	0.401256	0.457812
3.76E-04	1.096896	0.706975	0.85142	0.640173	0.574356	0.717984	0.534831	0.392694	0.61927
0	1.925455	1.077572	1.047968	0.97663	0.711313	0.723788	0.777972	0.667208	0.788191
0	0.428167	1.543622	0.599477	0.644061	0.696509	0.607596	0.461489	0.72697	0.606889
0	0.611074	0.856334	0.455432	0.548097	0.686548	0.482577	0.542224	0.74329	0.539211
0	1.871052	0.793981	0.652101	0.908737	0.85241	0.542139	0.75914	0.656378	0.448026
0	1.649067	0.895677	0.631613	0.867645	1.013595	0.691156	0.487645	0.559974	0.549019
0	0.401283	0.802565	0.554137	0.687132	0.781569	0.617546	0.551264	0.551489	0.52382
0	0.200641	1.069483	0.869168	0.819743	0.735121	0.681508	0.761604	0.517704	0.453504
0	0	1.576689	1.092424	0.787332	1.244174	0.730857	0.772869	0.640153	0.537721
0	0	0.385425	1.148172	0.595175	0.875453	0.855147	0.521833	0.596518	0.675712
0	0	0.192713	0.77085	0.815375	0.889191	0.77587	0.56993	0.723551	0.632939
0	0	0.096356	0.856189	1.085871	0.980072	0.744123	0.958266	1.095176	0.803
0	0	0.048178	0.962502	0.982976	0.593357	0.891408	0.937399	0.912546	0.761249
0	0	0.024089	1.160879	1.030194	0.604988	0.642981	0.901851	0.93045	0.578214
0	0	0.012045	1.492905	1.059675	0.811152	0.668968	1.124292	1.082022	0.66164
0	0	0.006022	1.453228	0.884296	1.346131	1.194782	0.974098	1.266486	1.278426
0	0	0.003011	1.973921	0.901612	1.199176	1.564422	0.708189	0.890322	1.395095
0	0	0.001506	1.173969	0.870924	1.336252	1.142724	0.590267	1.628689	1.434288
0	0	7.53E-04	1.630204	1.131376	2.111482	1.625152	0.948656	1.008956	1.649854
0	0	3.76E-04	1.659679	1.085871	1.081348	0.929097	0.910469	1.069256	0.838662

0	0	1.88E-04	0.916076	0.927077	0.982228	0.573222	0.722631	0.903863	0.53402
0	0	0	1.164114	1.073171	1.312493	0.77587	1.11583	1.103263	0.77387
0	0	0	0	1.569302	1.642589	1.270082	1.068255	0.85359	0.929255
0	0	0	0.361539	1.011595	0.875453	1.006915	0.722631	0.549965	0.782928
0	0	0	1.602603	0.723078	1.075951	0.847311	0.575529	0.780474	0.789516
0	0	0	2.260116	0.861159	1.90649	1.164736	0.607251	0.628142	0.938511
0	0	0	0.430579	0.942327	1.039936	0.901847	0.708189	0.683461	0.697713
0	0	0	0.21529	1.047147	1.168245	0.653787	0.578761	0.628142	0.612152
0	0	0	0.107645	1.487172	1.289967	0.645902	0.573922	0.775329	0.70312
0	0	0	0.053822	1.429895	0.829007	0.827577	0.73874	0.844498	0.790846
0	0	0	0.026911	1.914959	0.743772	0.561806	0.807158	0.584816	0.545978
0	0	0	0.013456	1.473775	0.747533	0.844216	0.518997	0.51	0.722024
0	0	0	0.006728	0.936545	0.658993	0.970369	0.594451	0.583169	0.709698
0	0	0	0.003364	0.677536	0.680032	0.702134	0.717019	0.585641	0.592315
0	0	0	0.001682	0.921493	0.875453	0.750289	0.582018	0.575837	0.632939
0	0	0	8.41E-04	1.263531	1.148784	0.877869	0.679647	0.672222	0.57093
0	0	0	4.20E-04	1.914959	0.916184	0.789249	0.828246	0.750477	0.458431
0	0	0	2.10E-04	1.702986	0.694276	0.479237	0.676589	1.001806	0.598257
0	0	0	0	1.914959	0.634051	0.582407	0.832589	0.759014	0.734709
0	0	0	0	0.2651	0.5302	0.675193	0.886757	0.752899	0.698789
0	0	0	0	0.13255	0.657967	0.606703	0.68791	0.701423	0.782928
0	0	0	0	0.066275	0.808246	0.771936	0.669535	0.498356	0.670634
0	0	0	0	0.033137	1.331395	0.968313	0.654794	0.620018	0.965528
0	0	0	0	0.016569	1.228651	0.827577	0.750623	0.794948	0.665614
0	0	0	0	0.008284	2.512929	0.766745	0.513379	0.685536	0.607762
0	0	0	0	0.560291	1.199176	0.501771	0.739914	0.956825	0.702033
0	0	0	0	2.707934	1.112298	0.649826	0.799002	0.823995	0.694501
0	0	0	0	0.556149	1.522423	0.722621	0.624025	0.883707	0.6892
0	0	0	0	0.278075	1.479614	0.783848	0.745831	0.746869	0.6892
0	0	0	0	0	1.717989	1.124706	0.727173	0.668207	0.645144
0	0	0	0	0	0.562353	1.274213	0.588605	0.616455	0.681885
0	0	0	0	0	0.281177	1.158332	0.541479	0.693936	0.855332
0	0	0	0	0	0.140588	1.104589	0.775413	0.943437	0.771316
0	0	0	0	0	0.070294	0.844216	0.721503	0.771509	0.606018
0	0	0	0	0	0.035147	0.835061	0.74942	0.488335	0.605149
0	0	0	0	0	0.017574	0.869617	0.847389	0.544669	0.539211
0	0	0	0	0	0	1.032314	1.205483	0.847507	0.651861
0	0	0	0	0	0	0.382041	0.93371	0.715677	0.800269
0	0	0	0	0	0	0.191021	0.764082	0.577456	0.679817
0	0	0	0	0	0	0.09551	0.582836	0.67934	0.71414
0	0	0	0	0	0	0.047755	0.674562	0.805785	0.965528
0	0	0	0	0	0	0.023878	0.663578	0.656378	0.953743
0	0	0	0	0	0	0.011939	0.701683	0.844498	0.825484
0	0	0	0	0	0	0.005969	0.848897	0.893668	0.814096
0	0	0	0	0	0	0	1.491396	0.964664	1.145499
0	0	0	0	0	0	0	0.629251	0.721287	0.727744
0	0	0	0	0	0	0	1.118632	0.537215	0.674691

0	0	0	0	0	0	0	0.931878	0.694998	0.885723
0	0	0	0	0	0	0	1.401817	0.732729	0.744173
0	0	0	0	0	0	0	0.950561	0.83854	0.720888
0	0	0	0	0	0	0	1.10753	1.358863	0.692373
0	0	0	0	0	0	0	0.430658	0.993273	0.659667
0	0	0	0	0	0	0	0.215329	0.861315	0.472917
0	0	0	0	0	0	0	0.107664	0.642972	0.571733
0	0	0	0	0	0	0	0.053832	0.986982	0.807128
0	0	0	0	0	0	0	0.026916	1.084621	0.581491
0	0	0	0	0	0	0	0	1.030755	0.781623
0	0	0	0	0	0	0	0	0.286269	0.815503
0	0	0	0	0	0	0	0	0.429403	0.572538
0	0	0	0	0	0	0	0	1.262541	0.673673
0	0	0	0	0	0	0	1.125142	1.079439	0.809902
0	0	0	0	0	0	1.38736	2.247563	1.170846	1.076028
0	0	0	0	0	0	0.8087	1.412746	1.232212	1.243073
0	0	0	0	0	0	1.261937	1.247074	2.324025	1.295112
0	0	0	0	0	0	0	1.563368	1.271093	1.631018
0	0	0	0	0	0	0	1.11583	1.24605	1.221007
0	0	0	0	0	0	0	0	1.168419	1.389774
0	0	0	0	0	0	0	0	1.175254	1.282538
0	0	0	0	0	0	0	1.182088	1.178671	2.689326
0	0	0	0	0	0	0	1.198669	1.18038	1.179525
0	0	0	0	0	0	0	1.175629	1.189524	2.299043
0	0	0	0	0	0	0	1.604385	1.385424	1.458381
0	0	0	0	0	0	0	3.626263	1.395403	1.312466
0	0	0	0	0	0	0	1.292648	1.405383	1.053511
0	0	0	0	0	0	0	0.913965	0.934121	1.555106
0	0	0	0	0	0	0	1.005434	1.170846	1.640334
0	0	0	0	0	0	0	0.844388	2.086188	2.000595
0	0	0	0	0	0	0	1.795889	0.422194	1.021113
0	0	0	0	0	0	0	0	0	0.69354
0	0	0	0	0	0	0	1.301124	0	0.34677
0	0	0	0	0	0	0	0.919261	1.656961	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1.001122	1.898056	0.504938
0	0	0	0	0	0	0	0	0	1.019795
0	0	0	0	0	0	0	0	1.63791	1.024755
0	0	0	0	0	0	0	1.309769	1.044796	1.034775
0	0	0	0	0	0	0	1.098486	2.425483	1.098486
0	0	0	0	0	0	0	1.252585	1.152177	1.700862
0	0	0	0	0	0	0	1.023119	1.10874	1.483891
0	0	0	0	0	0	0	0.847387	1.140162	1.330541
0	0	0	0	0	0	0	0.970085	0.724688	0.682922
0	0	0	0	0	0	0	1.003273	0.893668	0.688147
0	0	0	0	0	0	0	0.374034	1.200446	1.389774

0	0	0	0	0	0	0	0.187017	0.748068	1.51804
0	0	0	0	0	0	0	0.093508	0.85359	1.797448
0	0	0	0	0	0	0	0.473549	0.921406	2.299043
0	0	0	0	0	0	0	1.669215	0.86918	1.17998
0	0	0	0	0	0	0	1.360659	1.69777	1.17673
0	0	0	0	0	0	0	0.573064	2.425483	1.532489
0	0	0	0	0	0	0	0.286532	1.146128	1.270317
0	0	0	0	0	0	0	0	1.602146	2.258119
0	0	0	0	0	0	0	0	1.082572	1.525204
0	0	0	0	0	0	0	0	1.235889	0.929255
0	0	0	0	0	0	0	0	1.266486	0.874277
0	0	0	0	0	0	0	0	0.822797	1.308062
0	0	0	0	0	0	0	0	1.161411	0.771316
0	0	0	0	0	0	0	0	0.834125	0.828378
0	0	0	0	0	0	0	0	1.030755	0.852253
0	0	0	0	0	0	0	0	0.872367	1.000768
0	0	0	0	0	0	0	0	1.214278	0.88905
0	0	0	0	0	0	0	0	1.628689	0.819753
0	0	0	0	0	0	0	0	0.750477	0.641352
0	0	0	0	0	0	0	0	0.746869	1.020651
0	0	0	0	0	0	0	0	1.008317	1.282538
0	0	0	0	0	0	0	0	0.834125	0.904342
0	0	0	0	0	0	0	0	1.040065	0.859991
0	0	0	0	0	0	0	0	0.872857	0.885723
0	0	0	0	0	0	0	0	1.012713	0.973566
0	0	0	0	0	0	0	0	0.945324	0.927427
0	0	0	0	0	0	0	0	1.247112	0.899184
0	0	0	0	0	0	0	0	1.55348	1.016153
0	0	0	0	0	0	0	0	0	1.46462
0	0	0	0	0	0	0	0	0	1.175437
0	0	0	0	0	0	0	0	1.278539	1.226988
0	0	0	0	0	0	0	0	0	2.394667
0	0	0	0	0	0	0	0	0	1.395095
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0	0	0	0	0	0	0	0	0.760247	0.863125
0	0	0	0	0	0	0	0	0.684497	1.2319
0	0	0	0	0	0	0	0	2.205926	1.734615
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0	0	0	0	0	0	0	0	0.941558	0

0	0	0	0	0	0	0	0	0.887002	0
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0	0	0	0	0	0	0	0	1.422068	1.621898
0	0	0	0	0	0	0	0.994735	0.982838	1.870934
0	0	0	0	0	0	0	1.127149	0.937823	1.758669
0	0	0	0	0	0	0	2.064963	1.210778	1.074301
0	0	0	0	0	0	0	0.867415	1.779957	1.14254
0	0	0	0	0	0	0	1.260308	0	0.57127
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0	0	0	0	0	0	0	0	0.707224	1.099778
0	0	0	0	0	0	0	1.011981	0.701423	0.713025
0	0	0	0	0	0	1.525716	0.765327	0.777894	0.646097
0	0	0	0	0	2.208975	1.249998	1.67932	1.155233	0.494583
0	0	0	0	1.803151	1.05757	1.198253	0.795877	0.706039	0.603416
0	0	0	0	0.528785	1.377195	0.436522	0.6162	0.78745	1.183255
0	0	0	0	1.863482	0.873044	1.125119	1.237144	1.349168	0.779023
0	0	0	0	1.217302	1.430744	2.099674	2.064963	1.502839	1.011701
0	0	0	0	1.817466	1.324023	1.644186	1.153751	1.386578	1.270317
0	0	0	0	0	0	0.576875	1.884587	1.881415	0.904342
0	0	0	0	0	0	0	0	0.865809	0.882422
0	0	0	0	1.953012	0	0	0	0.409166	0.849196
0	0	0	1.005975	2.707934	2.111482	0	0	0.803446	0.818332
0.321649	1.715197	1.295699	1.065726	0.946225	1.252149	1.426797	0.78856	1.427775	1.089062
1.020609	0.643299	0.564861	0.54938	0.647	0.757724	1.051767	0.816872	0.760247	0.6892
1.281183	0.890788	0.570752	0.513087	0.690379	0.933223	1.077375	0.468353	0.321949	0.204847
0.957034	0.751585	0.598749	0.435568	0.609362	1.11817	1.201751	0.488303	0.249925	0.197312
0.552167	0.417825	0.596046	0.728351	0.790056	1.018267	0.90009	0.429282	0.351764	0.397285
0.557011	0.466025	0.708136	0.828332	0.752136	0.635994	0.546002	0.378351	0.284033	0.449844
0.575249	0.563358	0.583651	0.58043	0.623097	0.545742	0.447177	0.456564	0.340342	0.552852
0.43105	0.59108	0.545249	0.385747	0.595175	0.516672	0.350099	0.432745	0.498356	0.618374
0.3726	0.525603	0.549262	0.418318	0.422541	0.41548	0.323731	0.373269	0.553787	0.536237
1.346013	0.656616	0.629645	0.547805	0.423127	0.380579	0.311802	0.350626	0.455895	0.437865
0	0	0.273903	1.141955	0.652938	0.486656	0.359089	0.396091	0.334279	0.32235
0	0	0	0	0.243328	1.062743	0.68577	0.488303	0.512087	0.547496
0	0	0	0	0	0	0	0	0	0.256044
0	0	0	0	0	0	0	0	0	0

[illegible]

20	21	22	23	24	25	26	27	28	29
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1.006159
0	0	0	0	0	0	0	0	1.245035	0.768076
0	0	0	0	0	0	0	0.928604	0.957371	0.602986
0	0	0	0	0	1.146986	0.993806	1.302366	0.899836	0.669653
0	0	0	0	0	1.274759	0.60635	0.564237	0.772661	0.773127
0	0	0	0	0.821757	1.215347	1.054757	0.645175	0.496891	0.23671
0	0	0.452189	2.093422	1.000585	0.642928	0.906878	0.795741	0.343333	0.182611
0	1.900152	1.078813	0.904378	0.741953	0.619777	0.559658	0.546348	0.42195	0.362639
0	1.040996	1.005797	0.498615	0.602033	0.327438	0.546966	0.670789	0.615497	0.55202
0	0.913572	1.759501	0.854996	0.790494	0.691079	0.601891	0.62371	0.482691	0.532614
0	1.223819	0.821346	0.734797	0.91874	0.61325	0.406585	0.399667	0.481363	0.42007
1.222402	0.90228	0.482537	0.576413	0.522534	0.588958	0.49266	0.428314	0.476745	0.323043
0.763367	0.621831	0.439866	0.5328	0.219964	0.368097	0.445633	0.383135	0.452499	0.304522
0.762148	0.617343	0.402093	0.660186	0.422621	0.431435	0.450613	0.444884	0.566845	0.562841
0.615693	0.665452	0.518421	0.657216	0.404556	0.534736	0.326232	0.505646	0.413927	0.53043
0.596976	0.596424	0.393009	0.4245	0.511443	0.634101	0.475085	0.495361	0.449407	0.492881
0.620061	0.551976	0.669712	0.508311	0.584408	0.549664	0.500315	0.404038	0.575819	0.605569
0.514554	0.690079	0.474808	0.429144	0.44836	0.406588	0.413428	0.458362	0.499649	0.585325
0.594485	0.583844	0.552165	0.547878	0.45729	0.398612	0.223675	0.478744	0.549434	0.624993
0.605384	0.638382	0.530588	0.400354	0.488688	0.401444	0.528599	0.417986	0.438456	0.444995
0.732717	0.504712	0.644462	0.457479	0.428009	0.453285	0.495428	0.264782	0.311246	0.470803
0.519402	0.460222	0.603097	0.459352	0.396638	0.505614	0.383985	0.315886	0.512995	0.528257
0.448845	0.328704	0.404801	0.448844	0.326411	0.593355	0.488541	0.308333	0.463179	0.34051
0.532123	0.447355	0.648252	0.553282	0.339479	0.366521	0.409423	0.398582	0.387493	0.388569
0.565658	0.374188	0.35024	0.463754	0.439609	0.545685	0.439486	0.255713	0.380602	0.474619
0.532841	0.348921	0.490406	0.461233	0.335566	0.58634	0.425079	0.407898	0.480038	0.440248
0.366572	0.337053	0.593762	0.500675	0.467066	0.390226	0.423312	0.649018	0.457492	0.518962
0.249613	0.393484	0.345001	0.409182	0.418475	0.540176	0.431024	0.535809	0.478718	0.475898

0.417445	0.499235	0.580534	0.587195	0.492166	0.353608	0.460109	0.396418	0.351616	0.320348
0.587097	0.560509	0.470363	0.574777	0.46971	0.506337	0.519699	0.475496	0.311246	0.375156
0.609649	0.52157	0.37135	0.366733	0.380141	0.268807	0.386139	0.432984	0.258544	0.412808
0.371003	0.465225	0.300064	0.456857	0.351434	0.150759	0.43463	0.421973	0.420219	0.489563
0.454806	0.388711	0.37845	0.528377	0.440849	0.242018	0.578577	0.478744	0.51157	0.523942
0.628933	0.370126	0.303493	0.366733	0.400014	0.114071	0.412854	0.274044	0.351616	0.42007
0.635252	0.386082	0.301775	0.374897	0.449624	0.463652	0.316468	0.427154	0.385893	0.407304
0.34647	0.432518	0.423679	0.374383	0.538554	0.450095	0.284992	0.454028	0.35756	0.413363
0.365105	0.546632	0.431697	0.445801	0.430426	0.379291	0.3692	0.332329	0.258941	0.232666
0.429168	0.506092	0.375393	0.385324	0.314652	0.432044	0.306469	0.408453	0.261332	0.279361
0.402292	0.443149	0.377939	0.323008	0.396078	0.359758	0.156387	0.421973	0.401611	0.357732
0.4147	0.529521	0.367344	0.278721	0.447099	0.452006	0.397625	0.304387	0.313493	0.581223
0.420763	0.45836	0.428816	0.365723	0.44836	0.355648	0.410564	0.288951	0.242563	0.361653
0.49966	0.447959	0.494395	0.438584	0.343428	0.395238	0.390479	0.289794	0.330493	0.262186
0.577438	0.394018	0.435762	0.383218	0.310496	0.400309	0.318773	0.330008	0.346724	0.215801
0.543016	0.351334	0.432275	0.419905	0.374779	0.298252	0.307819	0.340316	0.365105	0.240046
0.522898	0.404284	0.499095	0.535774	0.35805	0.458437	0.419798	0.330471	0.440262	0.298519
0.510441	0.415358	0.592087	0.5433	0.225976	0.450731	0.413428	0.350389	0.507325	0.360179
0.576642	0.536137	0.638838	0.578877	0.55438	0.455853	0.407151	0.481361	0.380602	0.381295
0.538626	0.60938	0.405345	0.51466	0.66795	0.407164	0.265753	0.38946	0.380602	0.461409
0.482692	0.618237	0.587098	0.357233	0.515845	0.478322	0.574393	0.574684	0.468941	0.673674
0.543016	0.527338	0.529139	0.415358	0.480453	0.426591	0.524126	0.575498	0.674414	0.502309
0.723706	0.53762	0.425954	0.397089	0.445214	0.457143	0.511697	0.43416	0.439659	0.504356
0.458422	0.436621	0.442821	0.614043	0.555995	0.559363	0.690115	0.502191	0.420219	0.475258
0.592008	0.314246	0.445796	0.582185	0.492865	0.610483	0.631249	0.50634	0.391249	0.254424
0.403357	0.393484	0.399938	0.541784	0.696057	0.62545	0.383448	0.467797	0.492786	0.383361
0.344138	0.381908	0.442228	0.482482	0.495672	0.380372	0.426854	0.409008	0.40605	0.303228
0.4924	0.539856	0.641641	0.511827	0.409146	0.326481	0.392118	0.29918	0.415634	0.371615
0.484616	0.530983	0.378962	0.563499	0.521786	0.403723	0.250084	0.257276	0.40438	0.34665
0.398585	0.394018	0.396194	0.389033	0.420839	0.44756	0.469817	0.591263	0.475434	0.479759
0.514554	0.424425	0.448191	0.459978	0.41146	0.464308	0.252061	0.459608	0.308119	0.354814
0.500993	0.394552	0.45852	0.511827	0.419065	0.400876	0.36404	0.416289	0.305457	0.211947
0.453607	0.523005	0.526255	0.399263	0.434687	0.415887	0.33478	0.405688	0.550988	0.445592
0.399641	0.573228	0.522676	0.440976	0.323086	0.291583	0.216311	0.487971	0.480038	0.434387
0.485904	0.508171	0.42198	0.492495	0.431639	0.380913	0.326232	0.457119	0.568463	0.4246
0.50233	0.526613	0.467215	0.503436	0.432247	0.348045	0.33526	0.379488	0.366121	0.392252
0.494368	0.473481	0.359441	0.641708	0.542457	0.469593	0.425079	0.435338	0.380076	0.382327
0.478869	0.414798	0.400476	0.552506	0.354475	0.379291	0.505258	0.43652	0.370723	0.397033
0.441216	0.410894	0.559861	0.409182	0.388861	0.273014	0.4239	0.384183	0.395038	0.416145
0.36413	0.45836	0.561417	0.313514	0.353967	0.495618	0.448116	0.358223	0.340446	0.242285
0.495685	0.606758	0.425384	0.381646	0.44147	0.485158	0.350405	0.43416	0.345753	0.337239
0.460242	0.497199	0.434015	0.38638	0.403416	0.376599	0.316928	0.42026	0.285995	0.296819
0.497006	0.407576	0.400476	0.366733	0.393288	0.328878	0.327174	0.365196	0.2346	0.242659
0.522197	0.447355	0.320607	0.405298	0.326411	0.268388	0.286706	0.449127	0.317113	0.362639
0.295763	0.424425	0.413583	0.413102	0.434687	0.317022	0.287135	0.283925	0.359559	0.434969
0.333568	0.344611	0.39726	0.447016	0.383935	0.458437	0.445014	0.341265	0.407726	0.374649
0.507043	0.358655	0.440455	0.504129	0.367381	0.381456	0.269038	0.302644	0.288966	0.39437

0.412517	0.33565	0.405345	0.369777	0.308661	0.348548	0.269863	0.301342	0.324906	0.351915
0.466362	0.302844	0.275177	0.344081	0.377988	0.348045	0.384523	0.324487	0.412227	0.331229
0.511124	0.377259	0.295816	0.385324	0.42982	0.371266	0.359447	0.430643	0.518017	0.454037
0.494368	0.398311	0.427669	0.460605	0.341449	0.312832	0.397625	0.34079	0.436657	0.496225
0.526423	0.370631	0.355059	0.524725	0.420839	0.340572	0.419798	0.407898	0.467654	0.454647
0.468215	0.389239	0.390373	0.243075	0.452164	0.303209	0.479747	0.434748	0.371238	0.408399
0.435437	0.337521	0.490406	0.251135	0.467726	0.411794	0.483108	0.50634	0.489395	0.307554
0.595314	0.545117	0.432275	0.426235	0.515845	0.438803	0.394863	0.576313	0.492106	0.288418
0.587912	0.587163	0.560639	0.516084	0.529327	0.530126	0.448739	0.547875	0.443289	0.466394
0.463904	0.540603	0.773089	0.5433	0.464437	0.508512	0.506681	0.51618	0.334258	0.537754
0.488491	0.527338	0.582984	0.547878	0.635681	0.451368	0.522645	0.582066	0.537951	0.53043
0.476338	0.507477	0.491068	0.499301	0.572483	0.582013	0.572731	0.365196	0.46001	0.588634
0.514554	0.49048	0.519127	0.479195	0.527051	0.444413	0.434027	0.314991	0.500341	0.606433
0.595314	0.659508	0.510033	0.406404	0.627975	0.558547	0.410564	0.639472	0.539465	0.467649
0.616563	0.506092	0.632367	0.481822	0.77953	0.677994	0.587066	0.692641	0.543272	0.508479
0.421874	0.455275	0.550642	0.597392	0.483865	0.52481	0.543075	0.378451	0.451879	0.498918
0.473196	0.641203	0.516308	0.689999	0.507084	0.507786	0.580261	0.419691	0.510151	0.502309
0.531406	0.539856	0.548368	0.481822	0.515109	0.553679	0.471128	0.417986	0.442682	0.50299
0.602844	0.471562	0.503846	0.495884	0.392732	0.334199	0.426262	0.338896	0.39341	0.489563
0.63163	0.563654	0.597134	0.405298	0.461825	0.533964	0.451867	0.461484	0.48603	0.542956
0.490441	0.605018	0.567696	0.439778	0.560059	0.561001	0.522645	0.637588	0.609221	0.591968
0.493711	0.438392	0.487767	0.573148	0.498497	0.531658	0.779066	0.643266	0.512282	0.412255
0.583853	0.472201	0.609143	0.578054	0.290729	0.489312	0.555652	0.475496	0.482691	0.574741
0.531406	0.511657	0.734279	0.65623	0.369481	0.489312	0.441934	0.552487	0.379551	0.563624
0.675232	0.536137	0.457906	0.541784	0.462476	0.575178	0.440708	0.468433	0.287266	0.399712
0.459028	0.511657	0.625991	0.561119	0.521786	0.52784	0.577737	0.418554	0.496204	0.429754
0.422431	0.619133	0.635128	0.576413	0.538554	0.582875	0.624656	0.564237	0.683825	0.582859
0.646305	0.631871	0.632367	0.771716	0.662747	0.606821	0.662737	0.702353	0.557262	0.639687
0.783364	0.6007	0.538647	0.770433	0.749465	0.52784	0.597478	0.770765	0.618215	0.609908
0.700904	0.555059	0.710573	0.806465	0.635681	0.609565	0.643767	0.752013	0.495518	0.693303
0.56334	0.380353	0.603955	0.665182	0.774149	0.59424	0.581106	0.750791	0.48536	0.58204
0.729316	0.472841	0.617042	0.602582	0.521786	0.741496	0.682573	0.542555	0.478059	0.747243
0.705156	0.732173	0.883752	0.739542	0.406272	0.840175	0.825482	0.631984	0.936072	0.782109
0.699847	0.591348	0.533501	0.618533	0.613885	0.682312	0.923299	1.393922	1.180757	0.875803
0.639823	0.590508	0.546858	0.688936	0.902272	0.66425	0.784435	0.959849	0.67545	0.621396
0.612229	0.466485	0.588754	0.563499	0.481815	0.502734	0.892786	0.786371	0.504518	0.774399
0.705156	0.612018	0.699724	0.571525	0.597559	0.596905	0.885907	0.862923	0.574174	0.609037
0.650052	0.676566	0.669712	0.733619	0.697175	0.718494	0.648679	0.742334	0.561229	0.557397
0.660528	0.597276	0.7693	0.685763	0.440849	0.820349	0.744464	0.451571	0.55021	0.814398
0.811089	0.806874	0.882118	0.730104	0.668998	0.645911	0.816666	0.663743	0.55021	0.706173
0.7549	1.085871	0.738945	0.719725	0.727308	0.52708	0.724012	0.828034	0.668251	0.635966
0.888485	0.702936	0.6206	0.734797	0.767516	0.69553	0.738348	0.909566	0.874514	0.683894
0.961018	0.802749	0.693342	0.845759	0.80317	0.688871	0.946206	0.841355	0.602156	0.802007
0.523601	0.689024	0.65885	0.646495	0.709669	0.573486	0.651653	0.692641	0.607444	0.652002
0.56721	0.462091	0.797889	0.90964	0.605646	0.596015	0.75823	0.734038	0.698882	0.706173
0.852542	0.60763	1.083974	1.077758	0.694941	0.974409	0.759504	0.620083	0.591771	0.738947
0.824941	0.6007	0.657875	0.809257	0.941716	0.94762	0.731121	0.641365	0.609221	0.648175

0.656689	0.707308	0.519127	0.466926	0.8389	0.658051	0.599238	0.755699	0.544804	0.645327
0.580634	0.700767	0.441045	0.714064	0.708518	0.535509	0.740784	0.750791	0.493468	0.708355
0.594485	0.804119	0.644462	0.638861	0.662747	0.530891	0.70001	0.655828	0.617307	0.726223
0.644443	0.753632	0.704031	0.640756	0.866115	0.687771	0.580261	0.554035	0.557262	0.511945
0.74192	0.540603	0.654966	0.718587	0.661714	0.728031	0.601891	0.51618	0.460642	0.722816
0.845106	0.603286	0.758126	0.841213	0.729715	0.74902	0.566145	0.7798	0.544804	0.768076
0.728188	0.782692	0.562978	0.787409	0.820668	0.599587	0.524126	0.700176	0.708845	0.496225
0.561802	0.790604	0.534965	0.687876	0.720166	0.599587	0.527103	0.68002	0.547885	0.550497
0.724822	0.633721	0.510725	0.62307	0.67534	0.516585	0.745698	0.712287	0.416205	0.473981
0.628037	0.583844	0.533501	0.460605	0.634711	0.626403	0.6607	0.734038	0.587516	0.488903
0.625362	0.437211	0.510725	0.563499	0.66795	0.599587	0.746935	0.682098	0.52456	0.645327
0.681256	0.542854	0.778194	0.799563	0.832737	0.667383	0.775083	0.793044	0.599537	0.743669
0.618308	0.659508	0.758126	0.538018	0.649505	0.499874	0.48991	0.803937	0.705499	0.611656
0.606233	0.787951	0.614393	0.511827	0.565812	0.45779	0.518233	0.507732	0.611005	0.408399
0.819347	0.673507	0.469101	0.661181	0.590496	0.379291	0.744464	0.455262	0.512995	0.404034
0.701963	0.727545	0.526255	0.636973	0.738245	0.638002	0.693388	0.749573	0.798031	0.659758
0.672251	0.660493	0.543106	0.604325	0.574166	0.469593	0.605454	0.561072	0.566038	0.571535
0.581436	0.456506	0.696521	0.636973	0.477742	0.466282	0.661717	0.503569	0.44695	0.689096
0.579033	0.472201	0.487767	0.491146	0.483865	0.597797	0.648679	0.511232	0.528239	0.670654
0.519402	0.564444	0.384112	0.327603	0.564986	0.631198	0.491283	0.550175	0.659168	0.455257
0.528552	0.653644	0.666722	0.555618	0.652525	0.691079	0.423312	0.449127	0.687008	0.490887
0.708372	0.619133	0.580534	0.664178	0.625121	0.546478	0.540757	0.45588	0.464453	0.432064
0.738446	0.890398	0.622389	0.587195	0.682858	0.697772	0.581106	0.615592	0.655192	0.624091
0.571901	0.469651	0.625991	0.599979	0.705084	0.496325	0.410564	0.393193	0.50592	0.641559
0.527841	0.298537	0.544603	0.529111	0.533916	0.493506	0.411707	0.622801	0.463179	0.62862
0.667328	0.474766	0.521253	0.563499	0.637629	0.675851	0.55406	0.89914	0.645406	0.582859
0.66635	0.702936	0.596288	0.538769	0.615738	0.483096	0.38939	0.658779	0.593485	0.442022
0.651938	0.749981	0.7217	0.600845	0.466407	0.421206	0.620932	0.668764	0.605674	0.465768
0.567989	0.681714	0.718332	0.920358	0.634711	0.732879	0.668903	0.770765	0.717897	0.569147
0.517318	0.60763	0.592087	0.645533	0.543241	0.58634	0.546185	0.538046	0.464453	0.442615
0.519402	0.539856	0.689139	0.606076	0.414369	0.493506	0.597478	0.586222	0.463815	0.544454
0.518011	0.80002	0.919563	0.654265	0.495672	0.524056	0.521907	0.613808	0.616401	0.677733
0.637075	0.77364	0.515607	0.592264	0.484551	0.62545	0.38722	0.605871	0.617307	0.532614
0.647238	0.612901	0.451809	0.623983	0.650509	0.556106	0.579418	0.620987	0.498958	0.463272
0.675232	0.499235	0.470363	0.660186	0.727308	0.665292	0.485816	0.516891	0.490071	0.509862
0.581436	0.633721	0.516308	0.43502	0.800321	0.611404	0.516043	0.487306	0.450024	0.527535
0.656689	0.508866	0.529139	0.488462	0.627975	0.540176	0.564514	0.582894	0.324906	0.50917
0.579033	0.547391	0.725095	0.608716	0.691612	0.435103	0.340574	0.620987	0.50803	0.572334
0.515243	0.569213	0.587098	0.508311	0.740714	0.483783	0.38722	0.491987	0.516576	0.490887
0.581436	0.608504	0.495732	0.529846	0.602033	0.559363	0.535396	0.499446	0.526764	0.383879
0.682269	0.671479	0.503846	0.593967	0.521039	0.48447	0.481761	0.495361	0.549434	0.419507
0.491746	0.689024	0.718332	0.515371	0.496376	0.485158	0.441934	0.494684	0.617307	0.480406
0.416895	0.430771	0.556767	0.570715	0.511443	0.366521	0.588785	0.586222	0.643475	0.451607
0.471322	0.391357	0.559861	0.671255	0.690508	0.611404	0.601005	0.487306	0.526764	0.51544
0.54449	0.583844	0.773089	0.487793	0.620404	0.587211	0.573561	0.5418	0.648319	0.620502
0.473196	0.589669	0.687052	0.5564	0.586139	0.820349	0.6607	0.622801	0.694527	0.477824
0.612229	0.666451	0.551403	0.578054	0.782245	0.712638	0.604561	0.667755	0.622784	0.376174

0.557218	0.640261	0.578908	0.512533	0.615738	0.661139	0.587925	0.541047	0.604792	0.588634
0.491746	0.573228	0.512811	0.609599	0.55438	0.554486	0.585355	0.782417	0.697789	0.555085
0.619184	0.681714	0.559086	0.732444	0.628931	0.548068	0.67202	0.68002	0.550988	0.616942
0.58224	0.671479	0.599679	0.493847	0.534686	0.626403	0.673064	0.509129	0.576644	0.698619
0.425225	0.513762	0.671716	0.477887	0.452164	0.64392	0.648679	0.413474	0.554898	0.580408
0.522898	0.518004	0.549125	0.558753	0.512905	0.639966	0.563701	0.493333	0.52456	0.540719
0.557979	0.652674	0.729662	0.644574	0.505641	0.533964	0.707864	0.487306	0.510151	0.791281
0.618308	0.615561	0.609143	0.592264	0.556805	0.500587	0.434027	0.438893	0.45126	0.624091
0.66929	0.658525	0.701872	0.726617	0.68612	0.660107	0.499614	0.626451	0.569274	0.490887
0.774502	0.77364	0.941435	0.835225	0.665861	0.710318	0.664782	0.793044	0.754872	0.647224
0.607938	0.573228	0.728516	0.657216	0.487304	0.677994	0.67202	0.451571	0.529719	0.729656
0.454806	0.712836	0.760584	0.573148	0.665861	0.64992	0.539987	0.452798	0.409971	0.696485
0.521496	0.665452	0.855244	1.010485	0.648503	0.539395	0.548533	0.662746	0.520913	0.640622
0.482692	0.482552	0.59798	0.74919	0.595783	0.554486	0.635063	0.649985	0.598667	0.746049
0.556459	0.415358	0.354574	0.681568	0.700547	0.694413	0.663758	0.57877	0.608331	0.500271
0.592008	0.529521	0.514906	0.632289	0.748204	0.645911	0.566145	0.660758	0.660168	0.492881
0.589546	0.530251	0.557538	0.727776	0.457935	0.736551	0.620006	0.55326	0.67545	0.689096
0.530691	0.630948	0.814315	0.705158	0.555187	0.687771	0.745698	0.526975	0.454365	0.545204
0.547451	0.973157	0.776912	0.659194	0.644517	0.732879	0.549318	0.653871	0.565233	0.620502
0.858583	0.542854	0.872442	0.667197	0.594897	0.623551	0.784435	0.698009	0.668251	0.687008
0.758509	0.594726	0.664741	0.523273	0.617598	0.481044	0.483784	0.580415	0.53419	0.561278
0.715971	0.599842	0.765543	0.633222	0.590496	0.530891	0.426854	0.570636	0.480038	0.488903
0.686341	0.474766	0.737773	0.723157	0.745693	0.783222	0.642791	0.887286	0.66117	0.549737
0.616563	0.564444	0.734279	0.847285	0.575011	0.697772	0.822524	0.669776	0.740183	0.633197
0.670275	0.93814	1.025761	0.760307	0.75711	0.542529	0.694485	0.565828	0.660168	0.824286
0.56721	0.801382	0.729662	0.611371	0.866115	0.779135	0.806601	0.741139	0.860001	0.629532
0.599481	0.548914	0.720574	0.679486	0.721348	0.702292	0.832969	0.671805	0.690214	0.766823
0.606233	0.617343	0.621494	0.596533	0.732135	0.651938	0.61358	0.558714	0.527501	0.436137
0.765817	0.649778	0.549125	0.678448	0.814757	0.64992	0.524868	0.732865	0.583302	0.420634
0.775757	0.785313	0.768044	0.76156	0.829688	0.739017	0.59311	0.7798	0.889529	0.674685
0.896709	0.712836	0.555996	0.779492	0.60474	0.701158	0.828462	0.670789	0.620037	0.721687
0.564111	0.690079	0.792549	0.636032	0.593131	0.729238	0.721668	0.711172	0.587516	0.676715
0.698793	0.768551	0.696521	0.685763	0.632776	0.687771	0.574393	0.580415	0.86159	0.71497
0.646305	0.574036	0.552929	0.550958	0.562515	0.585472	0.61816	0.584555	0.723652	0.907498
0.529977	0.617343	0.634206	0.379558	0.70281	0.710318	0.547749	0.621893	0.566845	0.548221
0.823535	0.832481	0.627803	0.38427	0.898696	0.681229	0.503133	0.820807	0.55021	0.500949
1.062496	1.070391	0.766792	0.523273	0.721348	1.053454	0.647692	0.975938	0.836841	0.733117
0.738446	0.566822	0.761819	0.731272	0.495672	0.589834	0.751919	0.691575	0.64444	0.879032
0.535001	0.55661	0.771823	0.593967	0.561695	0.56347	0.607247	0.606746	0.584983	0.740123
0.645373	0.722966	0.828494	0.942623	0.793279	0.916767	0.60635	0.719039	0.695612	0.780815
0.712698	0.648817	0.653037	0.670237	0.635681	0.689973	0.637945	0.683141	0.503819	0.659758
0.764591	0.816654	0.661785	0.664178	0.760983	0.642928	0.631249	0.722454	0.509443	0.472707
0.694603	0.666451	0.59798	0.667197	0.716639	0.635073	0.633152	0.848935	0.696699	0.52898
0.607938	0.612018	0.71499	0.760307	0.606553	0.603189	0.806601	0.819376	0.692365	0.78471
0.695647	0.707308	0.859868	1.20346	0.65455	0.656004	0.813766	0.544827	0.350633	0.773127
0.577438	0.774922	0.800584	0.667197	0.853095	0.740254	0.692295	0.736392	0.50592	0.721687
0.671262	0.595574	0.584625	0.367745	0.794679	0.856066	0.753174	0.797097	0.92488	0.974745

0.635252	0.568415	0.687052	0.470121	0.530852	0.657026	0.631249	0.717906	0.742597	0.795272
0.6843	0.826659	0.728516	0.614938	0.521786	0.577729	0.644745	0.691575	0.646375	0.620502
0.854044	0.914497	0.862977	0.796833	0.843581	0.827868	0.870818	0.789028	0.798031	0.665668
0.778278	0.632795	0.87404	0.923991	0.576704	0.902126	1.097017	0.537299	0.684884	0.744857
0.56334	0.527338	0.65016	0.705158	0.619467	0.780493	0.874126	0.594656	0.552548	0.742483
0.524305	0.510958	0.630536	0.679486	0.764891	0.791512	0.654648	0.880654	0.566038	0.662703
0.53356	0.439576	0.663753	0.664178	0.539331	0.632164	0.857832	0.704541	0.532694	0.761845
0.566434	0.621831	0.742477	0.643616	0.585272	0.614177	0.636982	0.596363	0.501729	0.516142
0.728188	0.721828	0.66573	0.76788	0.721348	0.639966	0.685789	0.866093	0.577471	0.568353
0.691486	0.776207	0.846143	0.802311	0.888141	0.70801	0.842126	1.114784	0.77396	0.640622
0.707297	0.630028	0.572466	0.764077	0.653536	0.726827	0.726369	0.631984	0.516576	0.647224
0.58224	0.716186	0.633285	0.701865	0.563337	0.66425	0.631249	0.549407	0.663182	0.646275
0.653832	0.710616	0.86142	0.870841	0.649505	0.722046	0.84834	0.685234	0.838347	0.871003
0.62983	0.489814	0.557538	0.619437	0.766202	0.751558	0.686867	0.676921	0.576644	0.521801
0.571116	0.402102	0.586272	0.458103	0.766202	0.710318	0.60995	0.52552	0.625548	0.4246
0.639823	0.565235	0.613514	0.389033	0.624173	0.780493	0.785788	0.900861	0.829387	0.723949
0.550433	0.542854	0.603097	0.579702	0.483865	0.680148	0.788506	0.620987	0.566038	0.773127
0.518706	0.626366	0.740119	0.65231	0.527051	0.569284	0.740784	0.609381	0.566038	0.776954
0.579832	0.842862	0.834298	0.65623	0.737016	0.716142	0.715863	0.689451	0.91397	0.723949
0.677231	0.720694	0.825621	0.806465	0.701677	0.585472	0.696686	0.70674	0.93044	0.815797
0.495685	0.596424	0.566906	0.485794	0.551168	0.570121	0.508824	0.789028	0.682769	0.626803
0.545228	0.573228	0.591251	0.522549	0.774149	0.677994	0.50954	0.744733	0.557262	0.506413
0.772003	0.614672	0.800584	0.745547	0.787727	0.916767	0.867535	0.927517	0.657175	0.746049
0.718167	0.49048	0.516308	0.741934	0.577553	0.760557	1.052248	0.723599	0.531204	0.8172
0.550433	0.587997	0.617042	0.754096	0.510713	0.709162	0.763346	0.748358	0.595205	0.774399
0.522197	0.630948	0.746039	0.712941	0.580967	0.745242	0.765927	0.923867	0.912178	0.768076
0.572687	0.598985	0.549883	0.506215	0.556805	0.610483	0.634106	0.739947	0.766223	0.803366
0.637075	0.663462	0.712776	0.589722	0.715469	0.697772	0.569425	0.57306	0.576644	0.624091
0.62983	0.474766	0.637907	0.617632	1.005112	0.79291	0.619082	0.80256	0.617307	0.578781
0.819347	0.515878	0.638838	0.539521	0.673216	0.70801	0.706733	0.826579	0.735395	0.616942
0.78851	0.676566	0.633285	0.634156	0.549571	0.60591	0.612669	0.498763	0.492786	0.562059
0.60032	0.712836	0.789904	0.551731	0.541673	0.662174	0.590509	0.461484	0.536443	0.622293
0.820739	0.709511	0.866109	0.784754	0.835808	0.67054	0.578577	0.708951	0.852143	0.783408
0.517318	0.62093	0.65885	0.636973	0.707371	0.52481	0.530853	0.604998	0.691289	0.748442
0.47445	0.725249	0.73312	0.455614	0.504922	0.615105	0.56127	0.58124	0.685944	0.614291
0.711613	0.977228	0.976459	0.677413	0.976498	0.957729	0.649668	0.88896	0.83534	0.625897
0.789806	0.613786	0.642579	0.667197	0.607463	0.757967	0.816666	0.701263	0.706612	0.786016
0.77325	0.602422	0.67373	0.819172	0.587876	0.564295	0.653648	0.556368	0.560433	0.705086
0.768281	0.753632	0.926732	0.72201	0.617598	0.7341	0.604561	0.588735	0.681716	0.782109
0.79503	0.727545	0.858321	0.872458	0.776831	0.729238	0.781743	0.703446	0.66117	0.752056
0.493055	0.561293	0.619707	0.579702	0.639586	0.554486	0.517502	0.563443	0.579129	0.627711
0.571901	0.690079	0.506585	0.485129	0.618531	0.638983	0.470472	0.452798	0.502425	0.538494
0.573476	0.651707	0.60224	0.526182	0.774149	1.000695	0.663758	0.765684	0.621866	0.566771
0.527841	0.457123	0.551403	0.541784	0.56664	0.617902	0.527103	0.649985	0.660168	0.750848
0.535001	0.503337	0.505899	0.559541	0.560059	0.697772	0.592241	0.586222	0.648319	0.73544
0.739601	0.822343	0.835761	0.718587	0.633742	0.832442	0.629355	0.667755	0.83534	0.707263
0.703024	0.819489	0.740119	0.597392	0.479096	0.472261	0.597478	0.629208	0.526764	0.586976

0.588728	0.734506	0.623287	0.500675	0.530089	0.546478	0.526357	0.658779	0.537196	0.539234
0.700904	0.761028	0.789904	0.676381	0.869431	0.823341	0.562889	0.913097	0.641553	0.550497
0.573476	0.645946	0.825621	0.714064	0.580967	0.874246	0.615406	0.80256	0.780513	0.759377
0.561802	0.528065	0.518421	0.679486	0.494266	0.51143	0.681506	0.635712	0.615497	0.694361
0.397006	0.603286	0.516308	0.509714	0.564161	0.513632	0.641818	0.49604	0.611005	0.595329
0.505017	0.59219	0.651117	0.590568	0.637629	0.732879	0.864276	0.635712	0.763675	0.692247
0.6644	0.539856	0.535699	0.502744	0.54798	0.512163	0.506681	0.574684	0.563627	0.652964
0.605384	0.504024	0.566118	0.613151	0.609288	0.616035	0.472443	0.58124	0.598667	0.471437
0.682269	0.570013	0.557538	0.739542	0.62607	0.615105	0.539219	0.721313	0.656182	0.468908
0.617435	0.638382	0.606541	0.74919	0.530089	0.741496	0.806601	0.71006	0.662175	0.632278
0.522197	0.509562	0.560639	0.720866	0.524035	0.539395	0.719337	0.5299	0.484691	0.738947
0.419101	0.564444	0.609143	0.569908	0.583545	0.547272	0.549318	0.598076	0.640595	0.69755
0.538626	0.637446	0.66573	0.775586	0.759688	0.74902	0.694485	0.631984	0.697789	0.696485
0.491093	0.545117	0.577289	0.626734	0.662747	0.588958	0.537686	0.558714	0.564429	0.53481
0.614824	0.544361	0.576481	0.590568	0.629889	0.554486	0.47841	0.514052	0.638685	0.475258
0.672251	0.672492	0.882118	0.952248	0.876142	0.691079	0.603669	0.669776	0.711091	0.660738
0.624474	0.505402	0.768044	0.816316	0.594897	0.612326	0.653648	0.507732	0.49415	0.51755
0.642589	0.450992	0.514206	0.644574	0.504922	0.612326	0.626529	0.494008	0.489395	0.554316
0.565658	0.732173	0.586272	0.633222	0.647503	0.590711	0.516043	0.498763	0.722495	0.705086
0.638905	0.738028	0.614393	0.731272	0.608375	0.503452	0.696686	0.71565	0.62833	0.718315
0.495685	0.646901	0.555996	0.628578	0.59845	0.497741	0.55406	0.690512	0.318022	0.428603
0.651938	0.539856	0.488425	0.629503	0.575011	0.468266	0.45947	0.658779	0.440866	0.380266
0.703024	0.65559	0.73312	0.578877	0.707371	0.639966	0.603669	0.728207	0.67545	0.479759
0.55419	0.4596	0.553694	0.563499	0.524787	0.667383	0.756961	0.552487	0.638685	0.558945
0.509079	0.558165	0.489745	0.600845	0.586139	0.627358	0.587066	0.592109	0.596068	0.602129
0.645373	0.604151	0.490406	0.773002	0.65455	0.515845	0.637945	0.666749	0.819162	0.707263
0.654782	0.53392	0.575675	0.644574	0.541673	0.4153	0.610854	0.632913	0.677529	0.642498
0.578234	0.529521	0.567696	0.47334	0.629889	0.553679	0.497516	0.546348	0.583302	0.526094
0.598645	0.58055	0.550642	0.559541	1.07937	0.729238	0.639877	0.600659	0.742597	0.597019
0.556459	0.6007	0.709476	0.581356	0.59667	0.94762	0.880819	0.879012	0.768787	0.611656
0.527132	0.436033	0.595445	0.592264	0.483181	0.637024	0.63891	0.498763	0.510151	0.671659
0.522197	0.644043	0.670713	0.541784	0.551168	0.705714	0.653648	0.550175	0.490071	0.547465
0.613092	0.582194	0.799234	0.669221	0.583545	0.851238	0.779066	0.523347	0.557262	0.501629
0.598645	0.53392	0.503846	0.506215	0.575856	0.526322	0.498214	0.330935	0.482026	0.514039
0.503	0.525889	0.537171	0.5328	0.594897	0.611404	0.63891	0.50843	0.508736	0.51334
0.634344	0.732173	0.93957	0.669221	0.503486	0.773746	0.810886	0.815111	0.653217	0.588634
0.583046	0.669461	0.67373	0.70296	0.532381	0.713803	0.809453	0.617383	0.540223	0.677733
0.620061	0.702936	0.829937	0.609599	0.629889	0.70686	0.727552	0.691575	0.545572	0.687008
0.672251	0.731011	0.663753	0.813479	0.800321	0.709162	0.696686	0.684186	0.792565	0.672665
0.54449	0.553515	0.603097	0.784754	0.54798	0.638983	0.543075	0.640418	0.678572	0.674685
0.471946	0.583018	0.656903	0.576413	0.617598	0.722046	0.465908	0.535066	0.665203	0.609908
0.658604	0.66148	0.782062	0.708477	0.98947	0.841738	0.620932	0.765684	0.734207	0.593645
0.71053	0.709511	0.768044	0.718587	0.738245	0.835519	0.724012	0.683141	0.650271	0.62862
0.717068	0.526613	0.521964	0.616732	0.597559	0.672656	0.742008	0.532845	0.578299	0.673674
0.561802	0.565235	0.613514	0.6052	0.581825	0.628315	0.70448	0.528435	0.67235	0.616056
0.783364	0.591348	0.91251	1.052519	0.822158	0.980833	0.989453	0.71006	0.693445	0.725084
0.527841	0.604151	0.59798	0.65623	0.647503	0.595126	0.795377	0.626451	0.490071	0.566771

0.402292	0.628193	0.533501	0.464387	0.497789	0.550464	0.564514	0.766949	0.523828	0.526094
0.674236	0.66247	0.623287	0.470763	0.768835	0.767101	0.677264	1.20196	0.855269	0.608167
0.644443	0.493155	0.722829	0.663177	0.563337	0.728031	0.795377	0.867687	0.886148	0.835869
0.569549	0.55661	0.720574	0.711821	0.499916	0.573486	0.677264	0.541047	0.400509	0.679777
0.510441	0.66148	0.924928	0.724307	0.721348	0.79291	0.680441	0.639472	0.596068	0.706173
0.86317	0.616451	0.859868	0.875709	0.959782	0.89676	0.869173	0.829494	0.73066	0.926963
0.743084	0.60156	0.617042	0.607834	0.65455	0.672656	0.692295	0.761913	0.595205	0.667656
0.647238	0.749981	0.713881	0.617632	0.770157	0.667383	0.599238	0.722454	0.558052	0.540719
0.633437	0.811038	0.898739	0.751636	0.66795	0.636047	0.576898	0.828034	0.591771	0.69969
0.654782	0.622734	0.852189	0.728938	0.610204	0.617902	0.565329	0.676921	0.611005	0.69755
0.611367	0.566028	0.74963	0.682613	0.574166	0.638983	0.773763	0.595509	0.538707	0.708355
0.557218	0.676566	0.773089	0.858119	0.869431	0.841738	0.836	0.7798	0.908616	0.834404
0.592008	0.605887	0.637907	0.591415	0.662747	0.567615	0.694485	0.81229	0.743809	0.677733
0.540085	0.659508	0.55446	0.32576	0.436527	0.526322	0.434027	0.569027	0.522368	0.561278
0.441216	0.734506	0.660804	0.529111	0.67962	0.609565	0.467207	0.731696	0.613695	0.694361
0.656689	0.62003	0.701872	0.779492	0.717811	0.89322	0.74942	0.913097	0.766223	0.726223
0.593658	0.59813	0.446394	0.692132	0.606553	0.659078	0.785788	0.79439	0.53419	0.652002
0.576642	0.6007	0.593762	0.723157	0.710823	0.903929	0.891056	0.648054	0.548659	0.544454
0.746595	0.763521	0.726232	0.62125	0.8389	1.031091	0.889333	0.749573	0.853703	0.662703
0.596976	0.62093	0.594603	0.43502	0.64551	0.533964	0.567782	0.538046	0.781836	0.656834
0.640743	0.634649	0.635128	0.443382	0.585272	0.64691	0.550893	0.495361	0.624625	0.516845
0.509759	0.757314	0.831386	0.711821	0.749465	0.837065	0.645725	0.850467	0.886148	0.727364
0.699847	0.536137	0.641641	0.659194	0.575011	0.644914	0.642791	0.775905	0.658171	0.73544
0.829184	0.42961	0.582984	0.750412	0.636654	0.564295	0.705605	0.712287	0.558052	0.730807
0.655735	0.548914	0.71499	0.688936	0.687213	0.812958	0.68903	0.601523	0.702178	0.695421
0.804325	0.660493	0.753251	0.754096	0.811831	0.826354	0.767223	0.672824	0.719042	0.719436
0.495685	0.456506	0.645406	0.692132	0.732135	0.820349	0.687947	0.603257	0.565233	0.531157
0.488491	0.536137	0.672722	0.627655	0.716639	0.811495	0.627469	0.502191	0.540223	0.549737
0.602001	0.820913	0.760584	0.675351	0.91874	0.865888	0.718176	0.724747	0.674414	0.814398
0.79503	0.751195	0.573266	0.536521	0.73335	0.657026	0.763346	0.723599	0.494834	0.835869
0.561802	0.616451	0.475447	0.618533	0.660683	0.628315	0.708998	0.724747	0.613695	0.649129
0.679239	0.568415	0.693342	0.835225	0.670048	0.745242	0.715863	0.752013	0.64444	0.591132
0.782087	0.646901	0.614393	0.75657	0.676406	0.731662	0.729928	0.809488	0.637734	0.655863
0.583853	0.685876	0.540871	0.547878	0.436527	0.598691	0.600121	0.71006	0.610112	0.600419
0.643515	0.636512	0.63977	0.641708	0.532381	0.671597	0.753174	0.705639	0.832353	0.693303
0.7561	0.660493	0.903852	0.856555	0.78635	1.043372	0.976651	0.738759	0.58667	0.753268
0.561802	0.641203	0.49977	0.682613	0.764891	0.576027	0.793994	0.772044	0.476089	0.426883
0.506367	0.545874	0.492396	0.553282	0.635681	0.593355	0.610854	0.613808	0.531204	0.495554
0.635252	0.59219	0.760584	0.813479	0.782245	0.832442	0.810886	0.770765	0.713348	0.843269
0.706225	0.732173	0.7693	0.766608	0.961837	0.763163	0.670978	0.785049	0.645406	0.583679
0.596976	0.497199	0.674741	0.573148	0.640568	0.737782	0.570249	0.580415	0.518739	0.51334
0.717068	0.625455	0.661785	0.645533	0.546395	0.924277	0.769827	0.668764	0.64444	0.558945
0.599481	0.68379	0.73312	0.723157	0.793279	1.107703	1.044805	0.934911	1.005597	0.866256
0.52501	0.59219	0.63977	0.651335	0.877836	0.764472	0.579418	0.815111	0.787167	0.531157
0.571116	0.546632	0.549125	0.580528	0.571643	0.637024	0.644745	0.755699	0.647346	0.640622
0.565658	0.699686	0.583803	0.817742	0.829688	0.780493	0.803768	0.830959	1.067458	0.909232
0.616563	0.729853	0.593762	0.579702	0.75073	0.840175	0.580261	0.769489	0.752389	0.669653

0.635252	0.588832	0.594603	0.528377	0.509985	0.632164	0.487858	0.659767	0.620037	0.58204
0.655735	0.546632	0.641641	0.577233	0.518064	0.70343	0.859434	0.950087	0.86159	0.770594
0.519402	0.439576	0.556767	0.521826	0.492865	0.62545	0.55645	0.918449	0.841375	0.860006
0.497006	0.570013	0.711673	0.554838	0.499206	0.52784	0.471785	0.702353	0.731839	0.590298
0.668308	0.60156	0.545353	0.636973	0.627022	0.414128	0.565329	0.759417	0.816285	0.707263
0.784645	0.732173	0.700796	0.666189	0.75073	0.745242	0.581953	0.663743	0.813426	0.837339
0.608793	0.554286	0.763057	0.476583	0.474378	0.637024	0.654648	0.550944	0.547885	0.717197
0.636163	0.470287	0.66573	0.579702	0.540891	0.477645	0.653648	0.635712	0.474128	0.636893
0.617435	0.515878	0.578098	0.726617	0.8389	0.692187	1.128655	1.049436	0.723652	0.882286
0.836349	0.68379	0.603097	0.596533	0.680697	0.685579	0.715863	0.783731	0.781836	0.679777
0.60032	0.574036	0.741296	0.527644	0.649505	0.687771	0.56127	0.624622	0.746243	0.578781
0.714878	0.697533	0.629623	0.609599	0.764891	0.620717	0.599238	0.850467	1.075198	0.759377
0.832036	0.772362	0.788587	0.541784	0.784977	0.872561	0.90154	1.293763	1.010054	0.814398
0.6644	0.700767	0.6206	0.397089	0.623228	0.751558	0.763346	0.763166	0.616401	0.378215
0.584662	0.540603	0.540871	0.647458	0.523284	0.567615	0.885907	0.848935	0.762406	0.657806
0.760931	0.781387	0.712776	0.913183	0.75073	0.817378	0.795377	0.900861	0.879462	0.907498
0.829184	0.80002	0.763057	0.705158	0.768835	0.877635	0.743234	0.671805	0.715616	0.744857
0.620061	0.593034	0.817114	0.582185	0.563337	0.838617	0.728739	0.640418	0.680665	0.660738
0.545968	0.665452	0.672722	0.557967	0.817702	0.844882	0.662737	0.819376	0.77788	0.734277
0.622704	0.870755	0.909026	0.692132	0.746947	1.215347	0.928913	1.090111	1.133621	1.003993
0.642589	0.767288	0.832839	0.623983	0.620404	0.632164	0.62279	0.646132	0.877806	0.827153
0.493055	0.539856	0.486454	0.614043	0.677475	0.622604	0.578577	0.744733	0.752389	0.635966
0.530691	0.55661	0.610886	0.892343	0.904072	0.826354	0.843672	0.975938	0.671322	0.690144
0.36025	0.489814	0.743661	0.86923	0.780885	0.632164	1.119795	0.844371	0.601281	0.591968
0.649112	0.515172	0.750833	0.796833	0.581825	0.593355	0.954118	0.660758	0.639639	0.676715
0.745422	0.671479	0.791224	0.530583	0.68612	0.821842	0.834482	0.742334	0.764947	0.813003
0.658604	0.697533	0.587925	0.506913	0.503486	0.735324	0.928913	0.772044	0.796658	0.830039
0.725941	0.517294	0.504529	0.511121	0.45729	0.418834	0.519699	0.519032	0.509443	0.623191
0.697742	0.630948	0.574871	0.615834	0.570805	0.476968	0.416312	0.550175	0.546342	0.543704
0.559504	0.548152	0.70295	0.723157	0.700547	0.469593	0.609047	1.02125	1.047468	0.82002
0.482692	0.523724	0.77948	0.833741	0.354475	0.580294	0.743234	1.129123	0.74992	1.030732
0.636163	0.449776	0.521964	0.754096	0.557616	0.763163	0.697791	0.85665	0.560433	0.763084
0.815198	0.590508	0.780769	0.697512	0.39496	0.872561	0.738348	0.644219	0.743809	0.719436
0.848065	0.536878	0.738945	0.76788	0.514373	0.615105	0.607247	0.835384	0.712218	0.795272
0.701963	0.611137	0.614393	0.822047	0.649505	0.636047	0.516043	0.636649	0.696699	0.668653
0.732717	0.697533	0.670713	0.538018	0.478418	0.776432	0.620932	0.598076	0.603912	0.618718
0.729316	0.797309	0.937712	0.705158	0.73335	0.857688	0.697791	0.782417	0.937966	0.80747
0.837796	0.758549	0.893686	0.982473	0.996105	0.980833	1.039913	0.765684	0.692365	1.030732
0.603689	0.647858	0.497747	0.580528	0.998339	0.645911	0.666838	0.973894	0.660168	0.705086
0.692523	0.605887	0.494395	0.744339	0.698296	0.62166	0.601891	0.609381	0.51514	0.90063
0.770759	0.595574	0.461605	0.830788	0.65455	0.700026	0.796764	0.719039	0.639639	0.960827
0.55419	0.869158	0.728516	0.647458	0.766202	0.799964	0.872469	0.882303	0.684884	0.5071
0.38765	0.578095	0.66573	0.695352	0.857932	0.864236	0.810886	0.685234	0.538707	0.449191
0.638905	0.536878	0.778194	0.638861	0.706226	0.90574	0.789872	0.690512	0.830867	0.806098
1.00346	0.675544	0.902141	1.04282	0.931994	0.767101	0.691204	0.657793	0.775262	0.737775
1.067388	0.91984	0.616157	0.683661	0.755826	0.713803	0.550105	0.806704	0.680665	0.555085
0.559504	0.895451	0.742477	0.595676	0.75711	0.818861	0.662737	0.775905	0.684884	0.637823

0.731581	0.692196	0.578908	0.890651	0.881244	0.713803	0.842126	0.737574	0.779195	0.824286
1.060071	0.985487	0.776912	0.658203	0.91874	0.970178	0.684714	0.741139	0.650271	0.618718
0.694603	0.752412	0.716101	0.541028	0.655566	0.605001	0.724012	0.713405	0.613695	0.653928
0.730447	0.606758	0.768044	0.626734	0.483181	0.605001	0.634106	0.628287	0.772661	0.747243
0.653832	0.55661	0.729662	0.87408	0.539331	0.823341	0.90154	0.907811	0.936072	0.773127
0.870923	0.782692	0.532771	0.673298	0.607463	0.633131	0.576062	0.815111	0.872878	0.543704
0.595314	0.77879	0.734279	0.6052	0.633742	0.545685	0.469817	0.559499	0.711091	0.568353
0.775757	0.719563	0.603097	0.858119	0.807479	0.505614	0.603669	0.666749	0.62833	0.858458
0.6843	0.553515	0.483839	0.740737	0.947655	0.745242	0.666838	0.749573	0.884466	0.719436
0.513866	0.470287	0.529863	0.471406	0.616667	0.66425	0.519699	0.49266	0.667233	0.591132
0.63163	0.540603	0.543854	0.348421	0.485925	0.559363	0.462033	0.550175	0.482026	0.736606
0.610508	0.497877	0.700796	0.475932	0.593131	0.689973	0.753174	0.85665	0.580794	0.838814
0.9206	0.818069	0.872442	0.771716	0.728509	0.785968	0.420966	0.610263	0.579129	0.53628
0.567989	0.759786	0.718332	0.693203	0.452164	0.752832	0.546966	0.52407	0.685944	0.341919
0.679239	0.764773	0.722829	0.670237	0.478418	0.543316	0.620932	0.497399	0.589213	0.461409
0.632533	0.78663	0.674741	0.691064	0.800321	0.781855	0.656656	0.723599	0.816285	0.652002
0.501661	0.571618	0.756902	0.613151	0.560059	0.683398	0.596601	0.615592	0.682769	0.542209
0.685319	0.610258	0.649205	0.61226	0.522534	0.487923	0.554855	0.611146	0.478718	0.525376
0.557218	0.678618	0.674741	0.734797	0.584408	0.593355	0.776406	0.803937	0.554898	0.727364
0.711613	0.853498	0.74963	0.935074	0.817702	0.668433	0.631249	0.786371	0.652233	0.542209
0.607085	0.734506	0.853714	0.681568	0.607463	0.684487	0.471785	0.57225	0.754872	0.490225
0.369521	0.551208	0.828494	0.726617	0.631811	0.666337	0.422137	0.514052	0.558052	0.521089
0.49966	0.691136	0.687052	0.684711	0.965975	0.8159	0.616322	0.667755	0.670296	0.640622
0.642589	0.791937	0.828494	0.653286	0.634711	0.697772	0.653648	0.487306	0.66117	0.580408
0.505691	0.494499	0.514206	0.425656	0.483865	0.552068	0.513141	0.465261	0.492786	0.443209
0.589546	0.574845	0.583803	0.634156	0.530852	0.618838	0.795377	0.584555	0.543272	0.587804
0.758509	0.647858	0.690186	0.665182	0.694941	0.821842	0.754432	0.545587	0.571717	0.558945
0.588728	0.535397	0.530588	0.597392	0.387213	0.62545	0.545406	0.441878	0.455613	0.523942
0.653832	0.485837	0.573266	0.539521	0.521786	0.630235	0.438876	0.620987	0.498268	0.405666
0.432006	0.575655	0.499095	0.468201	0.665861	0.702292	0.580261	0.742334	0.654203	0.562059
0.556459	0.663462	0.756902	0.788743	0.673216	0.565952	0.533118	0.486641	0.436657	0.476539
0.471322	0.610258	0.596288	0.664178	0.617598	0.517326	0.398735	0.476143	0.496204	0.48496
0.454206	0.574845	0.539387	0.601713	0.714303	0.615105	0.536158	0.773327	0.663182	0.664677
0.597809	0.612901	0.624186	0.646495	0.644517	0.610483	0.614492	0.587896	0.713348	0.791281
0.531406	0.463969	0.581349	0.615834	0.490076	0.636047	0.712417	0.564237	0.561229	0.776954
0.731581	0.522287	0.613514	0.968106	0.561695	0.589834	0.673064	0.611146	0.45312	0.565982
0.624474	0.587997	0.696521	0.640756	0.557616	0.683398	0.788506	0.670789	0.595205	0.682861
0.721482	0.536137	0.720574	0.61226	0.520293	0.572642	0.661717	0.610263	0.438456	0.664677
0.493055	0.481897	0.48124	0.483142	0.433465	0.521052	0.493351	0.612032	0.425435	0.522513
0.422988	0.560509	0.52339	0.44459	0.571643	0.64691	0.462677	0.670789	0.590917	0.483654
0.517318	0.832481	0.81015	0.732444	0.640568	0.566783	0.3514	0.604127	0.756118	0.651042
0.524305	0.564444	0.582984	0.833741	0.571643	0.525565	0.397071	0.449737	0.575819	0.68493
0.522197	0.423853	0.454847	0.668208	0.633742	0.552873	0.597478	0.570636	0.623703	0.616056
0.592008	0.539856	0.526255	0.439778	0.405699	0.525565	0.601891	0.608501	0.723652	0.651042
0.657645	0.672492	0.619707	0.593967	0.451528	0.478322	0.550893	0.541047	0.600408	0.634118
0.577438	0.724106	0.576481	0.70296	0.574166	0.544894	0.521169	0.423694	0.603033	0.499594
0.555701	0.656566	0.393009	0.632289	0.700547	0.653966	0.521169	0.51618	0.654203	0.477824

0.52501	0.572422	0.603955	0.788743	0.741953	0.75926	0.824	0.610263	0.676488	0.583679
0.572687	0.5855	0.478656	0.561119	0.615738	0.529363	0.746935	0.741139	0.597799	0.591968
0.654782	0.672492	0.55446	0.628578	0.42982	0.505614	0.56127	0.599796	0.616401	0.593645
0.682269	0.643094	0.722829	0.54482	0.448991	0.515845	0.602779	0.556368	0.544804	0.637823
0.518706	0.62003	0.561417	0.502053	0.348916	0.379291	0.474423	0.521184	0.362071	0.512642
0.463904	0.506784	0.535699	0.636032	0.438991	0.35107	0.50384	0.401847	0.530461	0.605569
0.527841	0.536137	0.585447	0.639807	0.612962	0.492104	0.559658	0.575498	0.753628	0.591968
0.748952	0.74277	0.692287	0.727776	0.649505	0.589834	0.65066	0.743532	0.77396	0.740123
0.613092	0.623639	0.432275	0.456857	0.692719	0.472261	0.542301	0.565828	0.45938	0.463272
0.543016	0.525889	0.6206	0.549415	0.550369	0.506337	0.496819	0.509129	0.463815	0.533345
0.729316	0.58055	0.756902	0.796833	0.726109	0.559363	0.55645	0.546348	0.556472	0.753268
0.465131	0.60763	0.582166	0.609599	0.708518	0.600485	0.443163	0.748358	0.677529	0.642498
0.381522	0.498555	0.543106	0.485129	0.404556	0.565952	0.534635	0.529167	0.714481	0.581223
0.390229	0.329623	0.572466	0.485129	0.456003	0.72443	0.698899	0.52552	0.698882	0.576352
0.518011	0.45898	0.87085	0.822047	0.77953	0.74399	0.652649	0.663743	0.621866	0.524658
0.621821	0.576467	0.691235	0.671255	0.653536	0.534736	0.463966	0.653871	0.656182	0.523942
0.53428	0.523005	0.472262	0.476583	0.517323	0.552873	0.532362	0.487971	0.543272	0.754483
0.667328	0.526613	0.427097	0.565891	0.480453	0.558547	0.765927	0.7798	0.75988	0.722816
0.48979	0.692196	0.489745	0.499987	0.532381	0.549664	0.519699	0.570636	0.716755	0.521801
0.38611	0.50265	0.509341	0.447016	0.450258	0.487923	0.490596	0.49266	0.600408	0.627711
0.467597	0.517294	0.717215	0.538769	0.528567	0.561001	0.555652	0.635712	0.707727	0.623191
0.808371	0.735677	0.819931	0.848816	0.716639	0.730448	0.695584	0.830959	0.813426	0.652002
0.585472	0.761028	0.507961	0.402544	0.571643	0.668433	0.445633	0.595509	0.743809	0.579593
0.490441	0.671479	0.492396	0.401448	0.54798	0.64392	0.552473	0.483333	0.545572	0.667656
0.655735	0.520855	0.443414	0.608716	0.490076	0.592472	0.805182	0.830959	0.763675	0.824286
0.632533	0.659508	0.606541	0.730104	0.658629	0.592472	0.708998	0.702353	0.680665	0.612532
0.569549	0.446149	0.49977	0.587195	0.473708	0.444413	0.61358	0.604998	0.508736	0.631361
0.577438	0.472841	0.555227	0.417057	0.591372	0.555295	0.739565	0.588735	0.512282	0.662703
0.816577	0.639321	0.640704	0.737163	0.871099	0.67054	0.898017	0.803937	0.558844	0.679777
0.543016	0.707308	0.701872	0.648424	0.628931	0.687771	0.646708	0.582066	0.560433	0.510556
0.510441	0.619133	0.720574	0.515371	0.586139	0.638002	0.517502	0.497399	0.649294	0.487585
0.725941	0.724106	0.524104	0.624898	0.656585	0.62545	0.578577	0.662746	0.852143	0.652964
0.767047	0.677591	0.584625	0.588036	0.448991	0.728031	0.696686	0.649018	0.833844	0.665668
0.635252	0.427875	0.601385	0.6052	0.623228	0.572642	0.670978	0.676921	0.478059	0.486927
0.53356	0.485178	0.566118	0.687876	0.633742	0.544104	0.718176	0.556368	0.566038	0.526814
0.621821	0.675544	0.617929	0.839709	0.881244	0.776432	0.889333	0.544068	0.630194	0.630445
0.646305	0.669461	0.690186	0.617632	0.644517	0.638983	0.686867	0.483993	0.506622	0.668653
0.48979	0.724106	0.841663	0.610484	0.568302	0.681229	0.524868	0.559499	0.640595	0.659758
0.545228	1.000328	0.800584	0.619437	0.735791	0.844882	0.562889	0.735213	0.789858	0.614291
0.530691	0.945681	0.962501	0.858119	0.653536	0.763163	0.780402	0.738759	0.80636	0.843269
0.566434	0.758549	0.580534	0.720866	0.709669	0.561822	0.60635	0.749573	0.729484	0.625897
0.915368	0.851962	0.32285	0.770433	0.768835	0.606821	0.712417	0.885618	0.692365	0.523942
1.201809	0.975188	0.566118	0.829319	0.724914	0.794311	0.936514	0.828034	0.784494	0.665668
0.793718	0.69539	0.909026	0.75657	0.515109	0.731662	0.960149	0.717906	0.789858	0.749643
0.759718	1.00249	1.216488	0.623983	0.716639	0.963909	1.1377	0.988409	0.912178	0.806098
1.05526	1.101922	1.227184	0.900905	1.014309	1.190178	1.146936	1.02353	1.014559	1.05678
0.895052	0.838383	1.003635	0.978319	1.196391	0.771076	0.843672	0.830959	0.687008	0.84777

0.760931	0.953355	1.073714	0.89746	1.372694	0.89322	0.760781	1.195118	0.823515	0.521801
1.09011	1.444802	1.257065	0.778186	0.909514	1.056011	1.524096	1.081456	1.400751	0.951153
0.747772	0.716186	0.966443	0.696431	0.62607	0.843307	1.027919	1.134993	0.901578	1.38303
0.748952	0.597276	0.592924	0.784754	0.680697	0.820349	0.903312	0.619181	0.614595	0.89387
0.667328	0.838383	0.750833	0.954199	0.612041	1.186699	0.808024	0.468433	0.796658	0.822859
0.870923	0.882105	0.919563	1.096341	0.77953	0.982995	1.179226	0.773327	1.042612	1.167349
0.725941	0.667452	0.420287	0.577233	0.515845	0.609565	0.720501	0.720174	0.64444	0.58615
0.46085	0.58055	0.465962	0.40974	0.518805	0.565123	0.518965	0.591263	0.556472	0.563624
0.594485	0.613786	0.539387	0.525453	0.65455	0.57096	0.587925	0.689451	0.863185	0.752056
0.733857	0.82956	0.730812	0.686818	0.602933	0.556918	0.567782	0.724747	0.683825	0.69755
0.918849	0.60156	0.526255	0.600845	0.55438	0.433877	0.511697	0.672824	0.461275	0.505726
0.634344	0.544361	0.68291	0.620342	0.44836	0.697772	0.614492	0.628287	0.51086	0.747243
0.541548	0.522287	0.614393	0.590568	0.490771	0.662174	0.537686	0.677952	0.467654	0.733117
0.634344	0.539109	0.39726	0.483803	0.489381	0.740254	0.413428	0.496719	0.538707	0.580408
0.508399	0.613786	0.527694	0.568296	0.530089	0.735324	0.393762	0.372794	0.616401	0.596173
0.419654	0.558165	0.858321	0.798196	0.533148	0.798544	0.678321	0.600659	0.746243	0.68493
0.493055	0.583018	0.553694	0.600845	0.55438	0.602286	0.530853	0.678984	0.604792	0.50504
0.611367	0.727545	0.402093	0.62307	1.050647	0.718494	0.487858	0.774614	0.649294	0.465768
0.855552	0.604151	0.535699	0.660186	0.741953	0.665292	0.799552	0.594656	0.625548	0.71386
0.834907	0.530983	0.522676	0.575594	0.701677	0.617902	0.721668	0.518317	0.58667	0.551258
0.696693	0.448564	0.470363	0.653286	0.504203	0.564295	0.620006	0.478093	0.590064	0.675699
0.647238	0.485837	0.712776	0.585519	0.484551	0.739017	0.773763	0.560285	0.693445	0.779524
0.767047	0.719563	1.058764	0.990901	0.748204	0.787347	0.784435	0.742334	0.658171	0.539234
0.529977	0.668455	0.645406	0.541028	0.601135	0.62166	0.479078	0.742334	0.632067	0.428029
0.456008	0.628193	0.436346	0.374897	0.470374	0.672656	0.486496	0.737574	0.756118	0.606433
0.529977	0.487821	0.382045	0.547112	0.606553	0.62545	0.784435	0.781107	0.544037	0.540719
0.883625	0.808257	0.621494	0.687876	0.763584	0.686673	0.707864	0.51264	0.670296	0.481702
0.901719	0.679648	0.592087	0.65231	0.460524	0.639966	0.673064	0.530634	0.476089	0.596173
0.721482	0.528792	0.544603	0.648424	0.560059	0.623551	0.620006	0.52552	0.433082	0.723949
0.739601	0.793274	0.653037	0.841213	0.851495	0.64691	0.896266	0.651924	0.670296	0.8172
0.621821	0.781387	0.709476	0.550958	0.656585	0.765785	0.773763	0.666749	0.977684	0.541463
0.564111	0.653644	0.695459	0.561911	0.557616	0.833978	0.61724	0.5299	0.683825	0.354814
0.611367	0.63558	0.601385	0.549415	0.649505	0.520304	0.435839	0.695854	0.611899	0.418384
0.688392	0.574036	0.720574	0.750412	0.738245	0.692187	0.576062	0.629208	0.599537	0.652964
0.636163	0.529521	0.57972	0.697512	0.542457	0.66425	0.591374	0.51476	0.516576	0.602986
0.594485	0.626366	0.373872	0.548646	0.609288	0.742741	0.643767	0.577131	0.50803	0.665668
0.698793	0.667452	0.552165	0.751636	0.808925	0.801389	0.880819	0.752013	0.601281	0.789959
0.721482	0.593879	0.63977	0.671255	0.507084	0.773746	0.781743	0.71565	0.690214	0.764327
0.747772	0.545117	0.666722	0.670237	0.351434	0.549664	0.710135	0.629208	0.678572	0.693303
0.480139	0.522287	0.919563	0.800935	0.430426	0.520304	0.573561	0.765684	0.635837	0.591968
0.677231	0.639321	0.743661	0.654265	0.853095	0.865888	0.693388	0.582066	0.503121	0.640622
0.851044	0.789275	0.741296	0.770433	0.913181	0.740254	0.692295	0.524795	0.439057	0.602129
0.621821	0.627278	0.565331	0.588036	0.775488	0.614177	0.67202	0.731696	0.680665	0.543704
0.604536	0.583844	0.663753	0.576413	0.67534	0.523303	0.504549	0.781107	0.781836	0.539234
0.896709	0.687972	0.841663	0.663177	0.435913	0.485158	0.498214	0.671805	0.711091	0.669653
0.90849	0.555059	0.604816	0.780801	0.562515	0.554486	0.780402	0.755699	0.58667	0.601273
0.636163	0.442551	0.601385	0.637916	0.556805	0.603189	0.602779	0.567425	0.715616	0.44143

0.713787	0.517294	0.94519	0.824941	0.615738	0.711476	0.542301	0.621893	0.734207	0.487585
0.677231	0.583018	0.750833	0.770433	0.706226	0.682312	0.781743	0.563443	0.666216	0.654895
0.526423	0.548152	0.648252	0.591415	0.682858	0.70801	0.598357	0.641365	0.742597	0.678754
0.547451	0.658525	0.659826	0.59482	0.652525	0.742741	0.551682	0.720174	0.727142	0.653928
0.632533	0.656566	0.804658	0.706262	0.819183	0.784593	0.710135	0.585388	0.48872	0.782109
0.593658	0.583844	0.469101	0.724307	0.775488	0.635073	0.603669	0.658779	0.402164	0.796611
0.577438	0.489814	0.49977	0.74919	0.784977	0.752832	0.718176	0.443078	0.624625	0.818608
0.713787	0.548152	0.694399	0.714064	0.602033	0.838617	0.964216	0.631984	0.829387	0.890528
0.613957	0.603286	0.647301	0.510417	0.475049	0.714971	0.712417	0.685234	0.52456	0.633197
0.70945	0.505402	0.659826	0.564295	0.466407	0.694413	0.67411	0.688393	0.589213	0.545956
0.765817	0.618237	0.768044	0.582185	0.549571	0.805691	0.529349	0.662746	0.998994	0.719436
0.674236	0.772362	0.552165	0.689999	0.837351	0.824845	0.831461	0.89402	0.961358	0.941689
0.793718	0.923439	0.670713	0.851895	0.98947	0.69553	0.632199	0.822243	0.571717	0.574741
0.877228	0.740393	0.718332	0.929497	0.814757	0.627358	0.927034	0.547875	0.451879	0.629532
0.893401	0.762273	0.633285	0.679486	0.696057	0.638983	0.923299	0.781107	0.680665	0.874197
0.833469	0.619133	0.574871	0.678448	0.609288	0.599587	0.511697	0.823684	0.829387	0.643439
0.808371	0.541352	0.675753	0.805076	0.601135	0.67054	0.545406	0.681058	0.853703	0.774399
1.19847	0.59813	0.803296	0.694276	0.524035	0.772409	0.731121	0.604127	0.826441	0.883922
0.953384	0.82956	0.81015	0.653286	0.701677	0.812958	0.840587	0.682098	0.620951	0.591968
1.087526	0.8644	0.761819	0.688936	0.693829	0.475618	0.50954	0.720174	0.728311	0.560499
1.218902	0.784001	0.742477	0.847285	0.438991	0.460385	0.60995	0.765684	0.558052	0.753268
1.062496	0.725249	0.895364	1.059938	0.673216	0.691079	0.796764	0.687337	0.539465	0.806098
0.911916	0.492485	0.643519	0.676381	0.529327	0.668433	0.528599	0.735213	0.619125	0.652002
0.80567	0.444946	0.895364	0.576413	0.467726	0.677994	0.740784	0.663743	0.677529	0.750848
0.852542	0.648817	0.898739	0.78608	0.627022	0.951635	0.816666	0.692641	0.830867	0.747243
0.936683	0.961168	0.697586	0.550186	0.707371	0.903929	0.718176	0.756935	0.719042	0.792608
1.347857	0.91984	0.617929	0.681568	0.823654	0.639966	0.475085	0.967819	0.791209	0.657806
1.728143	0.733338	0.553694	0.783432	0.793279	0.515106	0.634106	0.872505	0.669272	0.716082
1.133696	0.811038	0.713881	0.718587	0.822158	0.634101	0.821052	0.836869	0.614595	0.835869
1.07734	0.554286	0.744848	0.682613	0.722534	0.669485	0.785788	0.692641	0.678572	0.718315
1.145312	0.587163	0.976459	0.776884	0.634711	0.74902	0.862656	0.644219	0.693445	0.771859
0.964886	0.825215	0.791224	0.706262	0.67962	1.319424	1.182591	0.778498	1.030702	0.864685
1.465722	1.166441	0.659826	0.588036	0.67962	0.832442	0.726369	0.713405	0.838347	0.596173
0.627122	1.277523	0.789904	0.854996	0.840455	0.452006	0.485816	0.866093	0.655192	0.50504
0.734992	0.907474	0.719452	1.072592	0.67962	0.499874	0.739565	0.798456	0.49415	0.733117
1.352574	0.842862	0.654966	0.862846	0.931994	0.764472	0.887617	0.739947	0.425435	0.749643
1.009876	1.115766	0.814315	0.783432	0.707371	0.64392	0.740784	0.755699	0.578299	0.634118
1.029714	0.93814	0.914262	0.800935	0.431639	0.688871	0.708998	0.616486	0.650271	0.749643
1.255247	0.790604	0.778194	0.790081	0.591372	0.805691	0.750668	0.645175	0.912178	0.738947
1.029765	1.246027	0.771823	0.673298	0.825155	0.671597	0.559658	0.660758	0.820608	0.620502
1.066631	0.794615	0.646353	0.769155	0.696057	0.644914	0.648679	0.885618	0.756118	0.427456
1.247731	0.732173	0.531315	1.024049	0.856314	0.605001	0.760781	0.916658	0.724812	0.624091
1.16334	0.651707	0.485799	0.755331	0.832737	0.628315	0.733517	0.627368	0.613695	0.634118
1.036534	0.631871	0.548368	0.603453	0.610204	0.548865	0.630301	0.50426	0.53569	0.599566
0.855552	0.676566	0.743661	0.559541	0.527051	0.585472	0.546185	0.511232	0.491426	0.672665
0.905091	1.115766	0.796548	0.683661	0.677475	0.756677	0.68903	0.450958	0.595205	0.811613
1.924052	1.132984	0.627803	0.610484	0.549571	0.737782	0.691204	0.598076	0.620951	0.525376

1.453907	1.045759	0.584625	0.730104	0.574166	0.584604	0.581953	0.534324	0.561229	0.57716
1.675192	0.975188	0.668713	0.822047	0.774149	0.515845	0.815214	0.627368	0.603912	0.605569
2.182021	0.841364	0.80877	0.691064	0.825155	0.777782	0.821052	0.841355	0.784494	0.593645
1.517983	1.055445	0.960543	0.622159	0.499916	0.70801	0.898017	0.678984	0.512995	0.625897
1.178355	1.311482	0.828494	0.692132	0.622284	0.681229	0.592241	0.611146	0.45312	0.597866
1.224336	1.201346	0.746039	0.760307	0.755826	0.588084	0.407151	0.637588	0.934187	0.760609
1.401403	1.538186	0.654	1.20346	1.273541	0.726827	0.654648	0.724747	0.826441	0.520379
1.531695	1.638157	0.713881	1.057451	1.068704	0.672656	0.923299	1.095474	0.779195	0.389093
1.673702	2.437423	0.907295	0.78608	0.657606	0.654984	0.795377	0.84286	0.699978	0.662703
2.022911	1.709246	1.037262	0.764077	0.612962	0.4736	0.796764	0.528435	0.756118	0.605569
1.655697	2.288941	1.046687	0.650363	0.636654	0.558547	0.896266	0.686284	0.699978	0.645327
2.290616	2.931389	0.858321	0.517512	0.644517	0.505614	0.780402	0.770765	0.701077	0.80473
1.218902	0.959771	1.06122	0.559541	0.857932	0.550464	0.518233	0.602389	0.713348	0.475898
0.796346	0.93413	0.799234	0.836715	0.869431	0.262572	0.5301	0.625535	0.780513	0.571535
0.90849	2.931389	0.656903	0.59482	0.620404	0.496325	0.697791	0.727051	0.705499	0.668653
1.175788	1.056139	1.034938	0.706262	0.635681	0.576027	0.67938	0.754467	0.889529	0.814398
1.07734	1.06674	2.183017	0.940724	0.688309	0.427797	0.738348	0.624622	0.591771	0.562059
0.903402	1.07204	1.397324	0.999496	0.884679	0.729238	0.818123	0.594656	0.498958	0.718315
0.658604	0.987721	1.099833	0.668208	0.575011	0.720859	0.729928	0.754467	0.771365	0.90405
0.769518	0.830637	1.142218	0.935074	0.694941	0.619777	0.467858	0.789028	0.973545	0.383361
0.891756	0.800077	0.823477	1.262882	1.005112	0.529363	0.694485	0.867687	0.683825	0.482352
1.419079	0.400039	0.808197	0.816316	0.963901	0.624499	0.58621	0.604998	0.638685	0.753268
0.872857	0.200019	0.672318	1.196573	0.687213	0.641938	0.656656	0.904322	0.798031	1.012724
1.685279	0.536438	1.015946	1.045225	0.797491	0.91491	0.828462	0.808093	0.712218	1.183381
2.655315	1.488509	1.479378	0.986667	1.093082	1.007523	0.738348	0.829494	0.761141	1.100384
1.497641	1.483943	1.623395	1.473935	0.972258	0.62166	0.713563	0.916658	0.692365	0.828593
0.895052	1.159847	1.16657	1.080365	0.800321	0.768422	1.108257	1.071846	0.845957	0.758148
1.424642	0.447526	1.120106	1.173293	0.668998	1.146986	0.962177	0.763166	0.640595	1.116883
2.001257	0.936084	1.1467	1.266881	0.813291	2.364596	1.067527	0.704541	0.809173	1.167349
1.628002	1.995523	1.20679	1.521768	0.507177	0.940409	1.571042	0.946243	0.937966	1.567055
1.072335	2.500844	0.871479	0.201063	0.284839	1.149918	1.359426	1.152835	1.134133	1.147563
1.334004	0.536168	0.402126	0.368615	0.654157	1.582979	1.58789	1.115431	2.046103	1.367783
1.511096	0.268084	0.335105	1.360669	1.367422	0.939699	1.078027	1.109015	1.112223	0.556112
1.352574	0.134042	0.301594	2.067283	1.05573	1.053454	1.1026	2.047886	1.115959	1.114091
1.001342	0.067021	0.217818	1.956002	1.115963	1.079165	1.662696	1.612351	1.999956	1.119694
1.247731	0.03351	0.050266	1.656151	0.379856	1.097564	2.192708	0.879012	1.75542	1.053053
1.218902	0.016755	0.012566	0.009425	0.565072	0.750287	1.437027	1.679357	0.986412	0.493206
0.98476	0.008378	0.006283	0.010996	2.291115	0.989548	2.268034	1.558192	1.093812	0.246603
0.343025	0.004189	0.005236	2.340792	1.045623	1.54976	1.423901	1.825651	1.708219	0.123302
0.171512	0	0.013338	1.370755	1.261058	1.762014	0.983005	1.298043	0.611578	0.36744
0.085756	0.021439	0.696097	1.575529	1.467119	1.864434	1.004882	1.223156	1.124658	1.075409
0.042878	0.021439	1.921558	1.536461	1.454925	1.296517	1.623684	1.421607	2.403182	1.02616
0.021439	0.016079	0.018759	1.442731	1.11891	1.207713	1.252115	1.554315	1.837503	1.25035
0.01072	0	0.00804	0.568834	3.011714	0.559455	1.11109	0.700176	1.411911	1.277881
0	0	0	1.397046	1.16303	1.014466	1.062778	1.223156	1.237405	1.017157
0	0	0.470362	0.940724	1.441519	1.385337	0.865902	1.352998	0.898101	0.564408
0	0	1.014557	1.196573	1.07937	0.864236	0.718176	0.967819	0.899836	0.607299

0	0.507279	1.759501	1.094749	1.110129	0.574331	0.845222	0.977992	0.707727	0.406211
0	2.212282	1.580632	1.035686	0.851495	0.726827	1.244189	0.764424	0.534939	0.556625
0	0.743017	0.864541	0.651335	0.800321	1.250011	0.652649	0.750791	0.656182	0.855377
0	1.144854	0.621494	1.008265	1.515904	1.36397	0.546966	0.568225	0.738981	0.626803
2.290616	1.110175	0.780769	1.059938	1.03331	0.90574	0.661717	1.05187	0.73066	0.421764
1.675192	1.39389	0.763057	0.976257	0.778178	0.668433	0.721668	0.795741	0.51514	0.365114
1.619149	1.199268	1.127625	1.112928	0.866115	0.617902	0.656656	0.587058	0.609221	0.422896
1.532094	1.33414	0.954722	0.674323	0.577553	0.47293	0.546966	0.621893	0.505218	0.540719
1.211322	1.102013	0.695459	0.504129	0.565812	0.519558	0.587925	0.638529	0.478059	0.73544
1.115522	1.088505	0.495732	0.844239	0.943686	0.805691	0.506681	0.55326	0.419643	0.488903
2.069756	0.833949	0.558311	0.859689	0.931994	0.656004	0.558853	0.563443	0.51086	0.448589
1.577406	0.987576	0.56928	0.569908	0.582684	0.362347	0.540757	0.580415	0.477402	0.434969
0.916725	1.099205	0.662768	0.665182	0.59667	0.302303	0.447494	0.378969	0.487373	0.470803
1.546679	0.845875	0.614393	0.755331	0.493565	0.343049	0.519699	0.52407	0.542508	0.365114
0.938507	0.746361	0.793878	0.670237	0.492865	0.453926	0.601891	0.521904	0.466371	0.447988
0.999234	0.726396	0.668713	0.509714	0.565812	0.58634	0.379709	0.472914	0.431305	0.540719
0.751302	0.965128	0.773089	0.583016	0.538554	0.711476	0.513865	0.476143	0.544804	0.560499
1.980631	0.776207	0.532771	0.643616	0.404556	0.460385	0.435234	0.382612	0.526764	0.39384
0.936683	0.617343	0.486454	0.479195	0.445841	0.379291	0.435234	0.437705	0.352108	0.150868
0.851044	0.508866	0.518421	0.547878	0.594897	0.432654	0.416891	0.542555	0.413927	0.168496
0.70945	0.532449	0.617042	0.509714	0.540111	0.372327	0.409993	0.494684	0.330962	0.356757
0.485904	0.509562	0.664741	0.565092	0.454719	0.407164	0.400963	0.348452	0.220916	0.360179
0.473196	0.638382	0.504529	0.329919	0.363209	0.552068	0.443779	0.407345	0.330025	0.372119
0.531406	0.539856	0.39513	0.445195	0.510713	0.517326	0.345461	0.487971	0.450024	0.48627
0.783364	0.675544	0.504529	0.506913	0.409724	0.415887	0.360463	0.491987	0.375895	0.381811
0.942179	0.818069	0.605678	0.426235	0.426806	0.353608	0.244984	0.304387	0.278448	0.382844
0.764591	0.70185	0.492396	0.459352	0.409146	0.439423	0.392665	0.280193	0.380076	0.469539
0.647238	0.555059	0.656903	0.554838	0.634711	0.417063	0.399291	0.345563	0.426018	0.367104
0.793718	0.541352	0.570075	0.484466	0.497082	0.546478	0.491971	0.494684	0.431305	0.379239
0.945882	0.823777	0.800584	0.533542	0.510713	0.50924	0.543851	0.298318	0.395582	0.558945
0.940339	0.57728	0.788587	0.463754	0.490076	0.543316	0.461391	0.419122	0.437256	0.353362
0.944026	0.648817	0.760584	0.602582	0.471705	0.478322	0.448116	0.216916	0.298872	0.312363
0.718167	0.656566	0.684976	0.593114	0.488688	0.429612	0.3435	0.280193	0.354083	0.523942
0.978702	0.8369	0.617042	0.522549	0.633742	0.433265	0.342522	0.565032	0.577471	0.648175
0.597809	0.628193	0.519127	0.491146	0.639586	0.66425	0.942303	0.337324	0.251693	0.125847
0.243666	0.420435	0.534233	0.659194	0.980779	1.093492	0.332125	0.166063	0	0
0.244775	0.436621	0.577289	1.088279	1.053181	1.976796	1.064201	0.249094	0	0
0.399113	0.402646	0.804658	0.922171	1.01664	1.03491	1.443139	1.722866	0.676956	0
0.432006	0.583018	0.878869	0.933207	0.853095	0.980833	1.284975	1.367896	1.104819	2.029264
0.455406	0.605887	0.690186	0.610484	0.454719	0.692187	0.697791	0.900861	0.94756	0.966737
0.461459	0.390296	0.550642	0.538769	0.609288	0.632164	0.508824	0.687337	0.776569	0.843269
0.428038	0.204496	0.304786	0.456857	0.605646	0.47293	0.364553	0.486641	0.496204	0.550497
0.325026	0.093084	0.073683	0.426235	0.489381	0.372859	0.313261	0.362194	0.398312	0.460172
0.317523	0.304579	0.289937	0.379558	0.46575	0.490008	0.387761	0.356743	0.325832	0.331229
0.535724	0.499916	0.519127	0.598253	0.464437	0.437566	0.368681	0.330008	0.300181	0.365114
1.751274	1.216661	1.276841	1.600776	1.337068	0.797129	0.576062	0.346524	0.358558	0.460172
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0.275629

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0.963929	1.788608	1.212183	1.155314	1.070665	0.819599	0.675481	0.645996	1.056097	0.587063
1.186676	0.895659	0.490145	0.95789	0.845132	0.612947	0.632662	0.695362	0.767511	0.677244
0.578019	0.541454	0.582543	0.621111	0.795459	0.736932	0.667554	0.487407	0.592136	0.861783
0.551945	0.802997	0.699004	0.88832	0.556951	0.359146	0.738896	0.841046	0.728702	0.440375
0.84213	0.507764	0.560416	0.88832	0.663484	0.67053	0.892833	0.74385	0.7111	0.54587
0.536132	0.573036	0.609294	0.487895	0.544734	0.620977	0.612305	0.4068	0.662207	0.77297
0.54134	0.557748	0.576105	0.555117	0.782251	0.678681	0.443269	0.325432	0.545735	0.591238
0.703686	0.693013	0.289978	0.345053	0.726189	0.45406	0.513029	0.677592	0.778115	0.535416
0.592088	0.467415	0.643361	0.372313	0.372383	0.603329	0.607148	0.470553	0.587785	0.613618
0.304434	0.404179	0.390971	0.412277	0.436065	0.425581	0.183471	0.438688	0.558495	0.282161
0.558124	0.377794	0.235654	0.398721	0.428511	0.606802	0.431137	0.790398	0.543384	0.658235
0.377986	0.42174	0.453104	0.567538	0.598356	0.640314	0.710887	0.610358	0.475505	0.792528
0.318988	0.429909	0.440063	0.44665	0.4177	0.483881	0.524885	0.460497	0.569145	0.651436
0.49456	0.616047	0.573716	0.293507	0.452189	0.549709	0.567958	0.468649	0.63051	0.60574
0.409961	0.566533	0.474694	0.555883	0.420519	0.521596	0.608003	0.384854	0.463635	0.414487
0.389439	0.396476	0.426835	0.434308	0.315522	0.338926	0.433995	0.311104	0.36772	0.382208
0.469748	0.554597	0.373089	0.346945	0.567136	0.58637	0.375593	0.398104	0.568316	0.587894
0.503384	0.540693	0.282601	0.41504	0.544734	0.414245	0.4686	0.561458	0.650048	0.697125
0.388911	0.283324	0.400995	0.372313	0.253157	0.162402	0.39455	0.503567	0.325505	0.363436
0.455391	0.43168	0.391492	0.405717	0.304125	0.339397	0.472343	0.279267	0.20732	0.454227
0.515906	0.313339	0.584168	0.455078	0.359416	0.376747	0.331306	0.375559	0.335075	0.577204
0.58624	0.377794	0.294967	0.378893	0.364855	0.249536	0.265867	0.411215	0.305617	0.383246
0.416087	0.362902	0.318595	0.479455	0.455855	0.44137	0.486347	0.320004	0.279305	0.405095
0.322591	0.259605	0.507527	0.527686	0.459552	0.508889	0.486995	0.326343	0.415066	0.455453
0.530987	0.512013	0.664379	0.618446	0.517028	0.401563	0.408384	0.420747	0.354367	0.26918
0.506136	0.404179	0.314202	0.269067	0.388894	0.422149	0.267037	0.290881	0.399078	0.344015
0.608371	0.486449	0.204008	0.357983	0.423926	0.253382	0.389862	0.366959	0.425665	0.271986
0.493218	0.357883	0.399397	0.503241	0.591594	0.460236	0.41602	0.432819	0.530296	0.298098

0.261912	0.405291	0.550514	0.403013	0.339254	0.523031	0.455147	0.459876	0.478187	0.324063
0.40392	0.499388	0.350655	0.319849	0.367851	0.331002	0.33312	0.263985	0.314754	0.36096
0.478078	0.546817	0.325717	0.58195	0.436065	0.359146	0.458775	0.410107	0.420333	0.473626
0.590409	0.570586	0.40962	0.524821	0.598356	0.295964	0.426603	0.605126	0.468871	0.388475
0.322139	0.343647	0.398335	0.381964	0.335983	0.422149	0.348388	0.309346	0.156995	0.31776
0.195321	0.420009	0.418976	0.403013	0.3604	0.338456	0.383179	0.220408	0.144963	0.344015
0.405559	0.637359	0.428537	0.364842	0.439006	0.250302	0.421558	0.360496	0.353861	0.400204
0.294148	0.484441	0.422326	0.374327	0.313307	0.155872	0.35791	0.267955	0.374025	0.505484
0.204182	0.426389	0.265469	0.22432	0.320885	0.282952	0.183471	0.279267	0.281866	0.328164
0.244189	0.38358	0.320364	0.180191	0.283427	0.234114	0.111232	0.321806	0.271295	0.390584
0.350128	0.37571	0.449508	0.282747	0.385228	0.394022	0.355989	0.413439	0.474837	0.453616
0.390495	0.172295	0.333414	0.321187	0.272833	0.273949	0.36863	0.270755	0.288334	0.428101
0.349166	0.218983	0.224847	0.41338	0.291757	0.240067	0.401412	0.234946	0.332663	0.418978
0.273066	0.295255	0.302985	0.320295	0.22414	0.42962	0.406765	0.253445	0.498851	0.478776
0.347247	0.344614	0.429106	0.43027	0.260138	0.370632	0.389344	0.311986	0.290075	0.329081
0.209726	0.362902	0.326166	0.314539	0.240643	0.305006	0.374591	0.416797	0.343873	0.435072
0.154767	0.376751	0.268999	0.317186	0.403874	0.291302	0.311829	0.390634	0.260975	0.339293
0.293301	0.438235	0.529205	0.577092	0.445548	0.33658	0.305811	0.344985	0.179734	0.388475
0.436175	0.317866	0.413998	0.508708	0.522	0.437811	0.355031	0.426454	0.370861	0.416726
0.573967	0.379364	0.398865	0.42798	0.376453	0.422149	0.604592	0.462364	0.336044	0.697125
0.545098	0.442459	0.431963	0.401398	0.580826	0.537649	0.595348	0.700729	0.470189	0.711271
0.501332	0.37157	0.389929	0.553589	0.566344	0.499257	0.453345	0.409002	0.357412	0.531011
0.408305	0.282065	0.480424	0.535662	0.49904	0.538393	0.47675	0.209815	0.498146	0.523051
0.37953	0.430499	0.687497	0.440729	0.420519	0.638435	0.545887	0.492727	0.549682	0.417851
0.390495	0.585498	0.427401	0.458128	0.448554	0.447971	0.466741	0.44344	0.525769	0.396437
0.394746	0.684461	0.572922	0.398721	0.528479	0.504046	0.512342	0.586464	0.516855	0.430413
0.422301	0.444282	0.40799	0.508708	0.463905	0.427307	0.634478	0.503567	0.549682	0.604873
0.412178	0.460408	0.430247	0.569907	0.595808	0.461482	0.572667	0.621016	0.432271	0.386376
0.266657	0.388907	0.368112	0.399255	0.474022	0.384514	0.541458	0.562242	0.337988	0.385853
0.446879	0.272531	0.429106	0.555883	0.347302	0.441966	0.532732	0.419615	0.445793	0.549665
0.402287	0.320147	0.565064	0.631936	0.455242	0.504046	0.542193	0.548332	0.531815	0.717959
0.38108	0.449796	0.47029	0.474978	0.455855	0.44137	0.277309	0.445836	0.581767	0.42523
0.443282	0.540693	0.551268	0.453258	0.461412	0.282539	0.333575	0.466754	0.45782	0.336017
0.563603	0.44918	0.448912	0.600239	0.458316	0.305006	0.374591	0.481498	0.467556	0.433319
0.470383	0.457888	0.382193	0.375338	0.514914	0.408133	0.413825	0.37048	0.45975	0.375009
0.296697	0.332208	0.402064	0.39979	0.399002	0.366602	0.470467	0.412882	0.348339	0.449359
0.354487	0.33504	0.394637	0.255805	0.308037	0.382429	0.51579	0.447039	0.480886	0.525929
0.31143	0.359382	0.397275	0.421743	0.435479	0.413685	0.410552	0.435743	0.441445	0.425802
0.241929	0.363407	0.382705	0.323875	0.293442	0.444958	0.422115	0.343084	0.414485	0.343067
0.391024	0.437036	0.386302	0.401398	0.352107	0.419876	0.336315	0.439871	0.440827	0.364928
0.440306	0.467415	0.44417	0.366822	0.42736	0.361122	0.305384	0.380182	0.305165	0.417851
0.372879	0.316503	0.320808	0.280301	0.306729	0.233376	0.296519	0.299372	0.256107	0.405095
0.313639	0.31969	0.450704	0.335718	0.36685	0.347477	0.418227	0.461741	0.402455	0.365926
0.383154	0.306192	0.389929	0.410628	0.345871	0.398855	0.401944	0.363964	0.36512	0.420108
0.32395	0.314692	0.430818	0.380426	0.287156	0.433696	0.381143	0.337432	0.337015	0.357028
0.395815	0.26602	0.378123	0.350275	0.436652	0.479959	0.386765	0.390634	0.374555	0.424086
0.394746	0.282904	0.375096	0.306694	0.399002	0.489833	0.35791	0.371998	0.349838	0.379108

0.298832	0.291384	0.329322	0.245179	0.376964	0.404836	0.423793	0.376582	0.409863	0.35899
0.382635	0.185178	0.240421	0.340828	0.319986	0.369621	0.496162	0.30109	0.309249	0.3209
0.361849	0.355395	0.334329	0.390786	0.332274	0.481916	0.540724	0.40243	0.355379	0.448754
0.399039	0.411457	0.467792	0.459968	0.387319	0.49722	0.500151	0.436919	0.355887	0.415046
0.460953	0.534653	0.459164	0.322977	0.461412	0.433696	0.447981	0.438688	0.43714	0.497974
0.470383	0.454134	0.447721	0.330668	0.40062	0.44137	0.30967	0.423591	0.404721	0.408387
0.522305	0.507059	0.421766	0.363855	0.452189	0.467765	0.386251	0.469283	0.423287	0.461634
0.489881	0.516303	0.44417	0.404634	0.487669	0.451005	0.464274	0.531915	0.36772	0.565187
0.485911	0.398115	0.436573	0.354112	0.34255	0.419876	0.438028	0.462364	0.414485	0.51453
0.59293	0.410893	0.524924	0.399255	0.327682	0.489833	0.540724	0.405704	0.49674	0.45977
0.488554	0.490494	0.546765	0.429697	0.427935	0.458994	0.59121	0.543793	0.586921	0.592077
0.587903	0.420009	0.430247	0.451446	0.449762	0.350365	0.479289	0.494067	0.483602	0.602284
0.625289	0.608873	0.562734	0.398721	0.494993	0.534686	0.370113	0.485428	0.468213	0.562038
0.628936	0.712894	0.500759	0.42287	0.605224	0.518029	0.436872	0.51751	0.513194	0.590399
0.49658	0.533904	0.515096	0.50665	0.409352	0.464612	0.603744	0.516095	0.499557	0.443946
0.489217	0.398115	0.585798	0.623792	0.501759	0.479308	0.587111	0.552919	0.509563	0.491258
0.457237	0.464854	0.668312	0.590168	0.535792	0.574072	0.592034	0.510483	0.569975	0.696055
0.626198	0.403625	0.469664	0.531293	0.412672	0.566857	0.561757	0.663485	0.513924	0.597151
0.383154	0.498698	0.474694	0.42798	0.403874	0.437221	0.494181	0.472464	0.501682	0.619846
0.3785	0.670914	0.612757	0.490525	0.571118	0.522313	0.6184	0.451885	0.699749	0.604873
0.439714	0.519912	0.589902	0.590168	0.545488	0.437811	0.627259	0.532648	0.450185	0.679295
0.467217	0.44004	0.429676	0.631023	0.554634	0.469032	0.58305	0.459256	0.330743	0.602284
0.545098	0.336938	0.416756	0.585218	0.474022	0.591389	0.763905	0.527543	0.36772	0.716837
0.562031	0.504254	0.48623	0.639305	0.646026	0.580588	0.648346	0.650784	0.580063	0.574774
0.478725	0.490494	0.532806	0.537128	0.555405	0.564478	0.571879	0.466754	0.512465	0.542107
0.548889	0.599198	0.584168	0.543042	0.558502	0.612064	0.6184	0.504942	0.592136	0.552725
0.628021	0.708397	0.600756	0.56206	0.583287	0.786728	0.580632	0.594847	0.714563	0.6524
0.678338	0.522091	0.448316	0.463052	0.517735	0.473498	0.534897	0.529723	0.576674	0.551192
0.564392	0.441248	0.393062	0.524108	0.644128	0.437221	0.51579	0.559893	0.434698	0.405095
0.622573	0.523551	0.592383	0.663174	0.620191	0.752498	0.703358	0.596544	0.582622	0.715718
0.624382	0.592294	0.452503	0.493835	0.655638	0.657602	0.765132	0.826374	0.727506	0.594607
0.700436	0.6548	0.589902	0.625588	0.551564	0.612947	0.717446	0.63102	0.667376	0.748191
0.578834	0.689786	0.674279	0.574684	0.606091	0.861385	0.680511	0.494067	0.733519	0.791196
0.780845	0.503556	0.576905	0.625588	0.790128	0.888866	0.669522	0.698574	0.709951	0.705775
0.80351	0.620592	0.586616	0.743834	0.706081	0.637498	0.629052	0.576612	0.586921	0.562823
0.745915	0.485779	0.718517	0.665142	0.586591	0.594767	0.740055	0.592315	0.580063	0.644741
0.650523	0.627036	0.558111	0.579514	0.676543	0.632846	0.936164	0.802517	0.687597	0.6524
0.695072	0.754368	0.564286	0.66811	0.591594	0.514491	0.692824	0.749856	0.768822	0.592919
0.848156	0.677114	0.689566	0.83561	0.558502	0.6537	0.815934	0.711668	0.92713	0.679295
0.710261	0.746971	0.762838	0.791239	0.691061	0.554319	0.629952	0.770922	0.747048	0.658235
0.710261	0.72784	0.553537	0.690518	0.610448	0.529548	0.53926	0.627355	0.700871	0.535416
0.743524	0.564923	0.545274	0.688432	0.733104	0.575692	0.692824	0.779902	0.705387	0.586233
0.721446	0.726672	0.656618	0.561283	0.690008	0.490499	0.727475	0.838072	0.762304	0.820055
0.678338	0.764431	0.559646	0.553589	0.661509	0.553547	0.608003	0.715004	0.656085	0.674187
0.663216	0.565727	0.637801	0.785998	0.68582	0.459614	0.574249	0.523215	0.385827	0.642848
0.675272	0.612445	0.720741	0.624689	0.58992	0.630078	0.527011	0.599956	0.467556	0.735143
0.730606	0.733728	0.515791	0.565966	0.686863	0.487178	0.412185	0.600814	0.56584	0.593762

0.708058	0.883773	0.492115	0.478813	0.652732	0.625504	0.514407	0.538556	0.63822	0.687594
0.719186	0.781297	0.479144	0.590168	0.703903	0.438994	0.766363	0.732081	0.585196	0.673173
0.558124	0.72784	0.626891	0.535662	0.769433	0.598172	0.787844	0.757175	0.749554	0.715718
0.5096	0.498008	0.681346	0.50392	0.669462	0.563688	0.528434	0.55678	0.556074	0.644741
0.604892	0.454134	0.632312	0.59183	0.518443	0.625504	0.615778	0.599956	0.531815	0.56361
0.748319	0.678156	0.747161	0.711943	0.565553	0.398855	0.559454	0.69965	0.802967	0.673173
0.802143	0.899116	0.532083	0.419497	0.613084	0.394022	0.54663	0.555231	0.63628	0.537635
0.678338	0.687649	0.543047	0.512854	0.54024	0.528092	0.53926	0.590635	0.595648	0.511726
0.677314	0.47519	0.492774	0.864274	0.759445	0.734586	0.817318	0.652714	0.592136	0.578832
0.361849	0.641175	0.556581	0.526968	0.674508	0.864529	0.854946	0.814984	0.737167	0.715718
0.616303	0.646962	0.661452	0.507335	0.553096	0.394022	0.567178	0.742658	0.586057	0.635354
0.596314	0.542216	0.864787	0.634684	0.702819	0.545147	0.800994	0.716122	0.542603	0.975583
0.699357	0.588034	0.882213	0.929799	0.854249	0.515196	0.741216	0.711668	0.615489	0.850969
0.536132	0.576325	0.555056	0.605364	0.594962	0.592231	0.414373	0.584806	0.653056	0.611855
0.714701	0.632637	0.346869	0.619333	0.541733	0.548183	0.501489	0.619221	0.663236	0.417851
0.607499	0.676075	0.523507	0.796543	0.752101	0.686989	0.755407	0.883329	0.776776	0.683425
0.49658	0.635464	0.508894	0.557419	0.659543	0.632846	0.602897	0.626444	0.639193	0.684463
0.676291	0.445501	0.450105	0.492508	0.525588	0.508194	0.450953	0.476313	0.442063	0.552725
0.530257	0.418859	0.484286	0.551307	0.577566	0.508194	0.602052	0.598247	0.579213	0.821478
0.478725	0.425805	0.473431	0.615798	0.610448	0.56845	0.542193	0.638443	0.582622	0.604008
0.518739	0.651844	0.642429	0.623792	0.571919	0.70192	0.500151	0.481498	0.706524	0.545114
0.664208	0.536155	0.482351	0.656357	0.701737	0.533212	0.619278	0.549856	0.57415	0.526651
0.591248	0.559332	0.561187	0.514942	0.68582	0.541382	0.534174	0.531183	0.544166	0.601424
0.599725	0.538418	0.617124	0.548284	0.621088	0.382429	0.433422	0.50632	0.628604	0.573161
0.558903	0.467415	0.584982	0.533472	0.468302	0.451614	0.476117	0.607734	0.593888	0.610976
0.544344	0.623342	0.506165	0.564399	0.570319	0.546662	0.727475	0.668471	0.697514	0.756704
0.436175	0.624263	0.502105	0.48724	0.48833	0.46524	0.419889	0.469283	0.734732	0.567564
0.490547	0.615144	0.429676	0.529125	0.493652	0.337517	0.310964	0.324069	0.45526	0.523768
0.481977	0.744533	0.586616	0.5707	0.617512	0.481916	0.429999	0.562242	0.532577	0.476193
0.469114	0.65579	0.62869	0.541556	0.572721	0.489833	0.389862	0.458019	0.621997	0.581285
0.52446	0.442459	0.541569	0.519149	0.552329	0.460236	0.45575	0.523933	0.522033	0.549665
0.662226	0.536908	0.64523	0.526251	0.575137	0.518029	0.60886	0.41905	0.492548	0.561254
0.532451	0.567341	0.624205	0.575485	0.683742	0.545147	0.567178	0.484114	0.580063	0.532474
0.456621	0.588883	0.48949	0.533472	0.548515	0.444358	0.446798	0.372505	0.580914	0.513126
0.621672	0.746971	0.565064	0.5707	0.547756	0.55124	0.543667	0.530452	0.57499	0.477483
0.555024	0.641175	0.611888	0.505283	0.492316	0.542884	0.51579	0.391694	0.501682	0.650473
0.429182	0.479131	0.475961	0.464292	0.498363	0.417051	0.416571	0.461118	0.417399	0.592919
0.469748	0.54451	0.567406	0.519149	0.485037	0.506807	0.339994	0.597394	0.53487	0.697125
0.451114	0.487121	0.442405	0.536394	0.570319	0.574881	0.45575	0.670481	0.706524	0.580465
0.360367	0.502858	0.385271	0.469917	0.527754	0.587203	0.440932	0.439871	0.737167	0.534678
0.437941	0.384109	0.406366	0.596856	0.560059	0.522313	0.522066	0.484771	0.592136	0.502738
0.548889	0.531665	0.509579	0.573884	0.648887	0.68909	0.566399	0.613882	0.519066	0.535416
0.54661	0.503556	0.484933	0.59183	0.575945	0.493175	0.486995	0.431655	0.457179	0.462257
0.513092	0.493211	0.593213	0.729879	0.603497	0.479308	0.579829	0.645044	0.441445	0.526651
0.630771	0.642134	0.679315	0.76689	0.594117	0.606802	0.8201	0.682743	0.517591	0.644741
0.568356	0.571402	0.797326	0.539336	0.514914	0.527365	0.639972	0.474384	0.500264	0.628901
0.662226	0.639263	0.635964	0.589339	0.483726	0.657602	0.535621	0.409002	0.566664	0.555035

0.642892	0.59487	0.562734	0.665142	0.519862	0.596466	0.523473	0.594847	0.588652	0.505484
0.571553	0.570586	0.502105	0.528405	0.536531	0.545147	0.422674	0.524652	0.617338	0.671151
0.530987	0.618768	0.497414	0.530569	0.634765	0.484539	0.47675	0.490724	0.498851	0.676223
0.660254	0.663791	0.612757	0.768138	0.688957	0.552008	0.697007	0.706164	0.611813	0.727039
0.51945	0.479791	0.517184	0.582764	0.575137	0.815352	0.610579	0.583155	0.852588	0.746989
0.522305	0.518465	0.588256	0.544533	0.576755	0.705188	0.494181	0.444637	0.733519	0.725893
0.671216	0.512725	0.618884	0.663174	0.76192	0.646	0.472969	0.679645	0.709951	0.645691
0.616303	0.505655	0.618003	0.662194	0.561622	0.86611	0.69491	0.702895	0.733519	0.678268
0.657311	0.619679	0.519281	0.600239	0.556951	0.625504	0.539991	0.439871	0.482922	0.47555
0.667197	0.705054	0.522094	0.664157	0.631995	0.509585	0.568739	0.461741	0.586057	0.513827
0.548128	0.595732	0.606715	0.628297	0.621987	0.685941	0.691784	0.664477	0.89965	0.692863
0.466586	0.511301	0.676287	0.572289	0.476589	0.614719	0.657844	0.514685	0.726313	0.732812
0.592088	0.723186	0.661452	0.505283	0.492316	0.615607	0.532732	0.591474	0.670506	0.60574
0.75807	0.742109	0.837699	0.659266	0.510716	0.606802	0.668537	0.785118	0.720399	0.686548
0.747115	0.628895	0.584982	0.552827	0.393653	0.540633	0.59121	0.668471	0.687597	0.796547
0.607499	0.599198	0.611888	0.5707	0.511413	0.542132	0.577429	0.624627	0.56256	0.596301
0.598017	0.640218	0.769022	0.800565	0.659543	0.572458	0.810442	0.700729	0.66946	0.53912
0.563603	0.627964	0.814962	0.770645	0.540986	0.510283	0.814555	0.691115	0.815948	0.698197
0.520875	0.618768	0.777829	0.643037	0.612203	0.669522	0.744721	0.567774	0.701996	0.741026
0.657311	0.824376	0.709736	0.59183	0.727334	0.729931	0.554128	0.669475	0.600078	0.576392
0.605759	0.567341	0.755532	0.885036	0.722772	0.872491	0.825717	1.054481	0.855786	0.692863
0.56756	0.540693	0.701129	0.740303	0.546243	0.597318	0.795686	0.878422	0.712251	0.748191
0.761784	0.754368	0.706489	0.763167	0.730787	0.646	0.609719	0.740285	0.681109	0.60574
0.610999	0.870575	0.854051	0.927989	0.871476	0.821024	0.735438	0.786432	0.737167	0.665142
0.530987	0.616047	0.779102	0.614042	0.643183	0.599027	0.668537	0.655625	0.706524	0.669139
0.613643	0.676075	0.654699	0.642101	0.691061	0.819599	0.647408	0.560674	0.536406	0.637215
0.723718	0.811423	0.777829	0.855016	1.036651	0.987767	0.602052	0.739104	0.595648	0.655308
0.742334	0.76063	0.693736	0.66024	0.857331	0.880602	0.765132	0.883329	0.728702	0.720211
0.692944	0.736106	0.552023	0.543787	0.572721	0.637498	0.587111	0.772193	0.739616	0.681355
0.750736	0.872203	0.611888	0.704323	0.611325	0.67154	0.59785	0.695362	0.653056	0.470438
0.50407	0.672971	0.793356	0.673102	0.659543	0.739291	0.716346	0.713889	0.875482	0.670144
0.611879	0.515585	0.711915	0.638377	0.651767	0.83999	0.724106	0.613882	0.674716	0.713489
0.566766	0.627036	0.635964	0.501208	0.66746	0.739291	0.588746	0.717243	0.52652	0.542857
0.849675	0.785284	0.921079	0.719699	0.567929	0.645047	0.798332	1.074448	1.041089	0.661181
0.63819	0.525748	0.642429	0.669103	0.553096	0.525193	0.741216	0.716122	0.865522	0.861783
0.555797	0.639263	0.498749	0.747394	0.737776	0.55976	0.589566	0.769654	0.727506	0.711271
0.711367	0.607984	0.667325	0.824085	0.86671	0.758637	0.790442	0.770922	0.857393	0.792528
0.683499	0.59487	0.675282	0.676125	0.644128	0.789374	0.824306	0.773469	0.635313	0.969527
0.512391	0.608873	0.693736	0.631936	0.397927	0.661539	0.729735	0.670481	0.528782	0.843407
0.653419	0.865728	0.647108	0.603649	0.438417	0.58471	0.474226	0.650784	0.685423	0.564398
0.697209	0.686584	0.753124	0.894964	0.74968	0.714023	0.557925	0.868772	1.276861	0.721341
0.600582	0.557748	0.540096	0.657325	0.657586	0.633772	0.567958	0.85623	0.733519	0.86335
0.608371	0.643096	0.573716	0.842972	0.611325	0.478659	0.706569	0.812182	0.580063	0.650473
0.419465	0.602691	0.895341	0.861166	0.763163	0.674586	0.923589	0.763369	0.59653	0.649512
0.489217	0.478472	0.749537	0.5707	0.704991	0.594767	0.834281	0.662495	0.687597	0.661181
0.58211	0.697353	0.694784	0.375844	0.631076	0.72077	0.711974	0.554459	0.670506	0.683425
0.786072	0.860934	0.921079	0.597699	0.714903	0.735757	0.614038	0.757175	0.860627	0.806073

0.858905	0.769551	0.808094	0.704323	0.613084	0.684897	0.641819	0.726314	0.79592	0.931177
0.692944	0.738497	0.543047	0.590998	0.466412	0.602465	0.655928	0.675548	0.650048	0.6524
0.865169	0.822918	0.687497	0.919052	0.806323	0.727623	0.78655	0.701811	0.658116	0.639084
0.703686	0.681297	0.715204	0.828371	0.792785	0.940178	0.759029	0.754721	0.979315	0.825776
0.52446	0.498008	0.741279	0.659266	0.620191	0.777591	0.658805	0.55062	0.647061	0.833036
0.548128	0.646962	0.793356	0.604505	0.882806	0.721904	0.627259	0.663485	0.705387	0.850969
0.703686	0.508469	0.837699	0.646801	0.765661	0.71626	0.709804	0.943195	0.96878	0.961581
0.75807	0.59487	0.667325	0.569116	0.707174	0.663521	0.717446	0.772193	0.689781	0.650473
0.675272	0.731364	0.453706	0.633766	0.579193	0.597318	0.65402	0.941311	0.666337	0.569156
0.627108	0.7373	0.541569	0.732174	0.687909	0.609425	0.710887	1.137563	0.817414	0.852498
0.491213	0.591439	0.738949	0.695776	0.610448	0.55976	0.657844	0.652714	0.73231	0.857116
0.421164	0.681297	0.664379	0.649646	0.649845	0.750066	0.594517	0.466754	0.585196	0.733976
0.694007	1.013608	0.956035	0.867404	0.873077	0.735757	0.590387	0.864027	0.793133	0.696055
0.755612	0.618768	0.730889	0.642101	0.624693	0.867696	0.709804	0.878422	0.815948	0.781987
0.594619	0.525748	0.584982	0.553589	0.552329	0.611182	0.632662	0.749856	0.663236	0.574774
0.697209	0.668867	0.663401	0.696835	0.588252	0.680743	0.738896	0.978581	0.867166	0.578017
0.50065	0.612445	0.682365	0.85046	0.826013	0.826772	0.806368	0.835118	0.818886	0.640962
0.52159	0.559332	0.715204	0.759476	0.599208	0.5629	0.659769	0.527543	0.646069	0.709064
0.574774	0.69954	0.626891	0.548284	0.639422	0.612064	0.475486	0.451276	0.621061	0.721341
0.716937	0.660773	0.69269	0.666129	0.6087	0.758637	0.714154	0.729765	0.624816	0.705775
0.637255	0.630762	0.60245	0.592664	0.591594	0.677654	0.78655	0.728611	0.791746	0.78591
0.582933	0.623342	0.513019	0.497171	0.5508	0.546662	0.50756	0.634716	0.705387	0.610099
0.792696	0.802997	0.612757	0.748587	0.575137	0.627328	0.602052	0.705072	0.585196	0.618058
0.807635	0.693013	0.799993	0.760703	0.628329	0.615607	0.729735	0.795742	0.689781	1.022779
0.679366	0.613343	0.718517	0.640235	0.579193	0.620977	0.612305	0.474384	0.661181	1.022779
0.73643	0.911435	0.840627	0.519854	0.671474	0.697601	0.633569	0.608607	0.642127	0.840418
0.626198	0.796099	0.753124	0.625588	0.507941	0.724183	0.663644	0.817804	0.798725	0.844909
0.621672	0.617859	0.609294	0.601941	0.496338	0.614719	0.681523	0.684821	0.655073	0.689694
0.818832	0.739698	0.609294	0.683262	0.66746	0.574881	0.639052	0.612116	0.658116	0.537635
0.711367	0.818571	0.860154	0.85046	0.717137	0.672553	0.702293	0.754721	0.801549	0.710166
0.598017	0.595732	0.816349	0.713043	0.571919	0.887201	0.742381	0.567774	0.690877	0.929346
0.487892	0.574678	0.777829	0.607949	0.617512	0.699755	0.664618	0.498792	0.604554	0.961581
0.666199	0.684461	0.715204	0.733326	0.892758	0.744047	0.531295	0.697501	0.805819	0.715718
0.747115	0.582977	0.617124	0.619333	0.584936	0.609425	0.535621	0.698574	0.537947	0.713489
0.771846	0.577151	0.472801	0.408439	0.57433	0.580588	0.456353	0.569368	0.48021	0.457298
0.891171	0.619679	0.554296	0.735639	0.728482	0.588872	0.595348	0.430494	0.583478	0.503423
0.684538	0.706165	0.566624	0.78861	0.796802	0.714023	0.759029	0.682743	0.713406	0.831574
0.483939	0.592294	0.715204	0.708661	0.562405	0.741662	0.814555	0.640319	0.637249	0.781987
0.578019	0.828781	0.733176	0.488551	0.626507	0.583883	0.492866	0.600814	0.678968	0.722475
0.652452	0.96656	0.769022	0.640235	0.576755	0.778885	0.648346	0.864027	0.740846	0.585404
0.548889	0.679201	0.592383	0.631936	0.573525	0.697601	0.690747	0.799794	0.628604	0.720211
0.635393	0.605329	0.574511	0.566751	0.51351	0.581409	0.464274	0.662495	0.629556	0.51948
0.823106	0.783951	0.751925	0.750983	0.671474	0.748856	0.65402	0.791728	0.855786	0.610976
0.571553	0.629827	0.804025	0.748587	0.70827	0.775016	0.813179	0.824934	0.981452	0.733976
0.564392	0.576325	0.706489	0.676125	0.481117	0.620078	0.580632	0.489394	0.656085	0.709064
0.660254	0.719728	0.678304	0.575485	0.596656	0.599884	0.450357	0.438688	0.731104	0.656281
0.609245	0.597461	0.650887	0.629204	0.771967	0.6537	0.621039	0.50632	0.821844	0.84191

0.594619	0.582977	0.533529	0.561283	0.624693	0.609425	0.585482	0.51751	0.528782	0.511028
0.760542	0.599198	0.532083	0.711943	0.683742	0.596466	0.716346	0.712777	0.593888	0.507555
0.8118	0.736106	0.802677	0.83561	0.651767	0.635631	0.675481	0.67453	0.749554	0.669139
0.641005	0.561719	0.630497	0.584399	0.443754	0.574881	0.650229	0.432819	0.609077	0.789868
0.561247	0.504254	0.513019	0.458128	0.447951	0.602465	0.461822	0.582332	0.617338	0.672161
0.607499	0.641175	0.696889	0.574684	0.651767	0.675606	0.589566	0.841046	0.875482	0.750607
0.640065	0.551468	0.638723	0.536394	0.467041	0.475426	0.582243	0.733243	0.646069	0.756704
0.536873	0.514153	0.490145	0.510776	0.606959	0.461482	0.390899	0.669475	0.593888	0.485958
0.692944	0.569773	0.687497	0.705404	0.707174	0.711797	0.642746	0.698574	0.576674	0.462881
0.71806	0.717438	0.802677	0.534201	0.556177	0.579768	0.677486	0.689007	0.64508	0.612736
0.627108	0.547589	0.638723	0.515641	0.48833	0.587203	0.594517	0.557556	0.621061	0.743401
0.520162	0.686584	0.615372	0.514245	0.662495	0.602465	0.429431	0.78775	0.772781	0.660197
0.594619	0.718582	0.857092	0.684291	0.649845	0.661539	0.471091	0.802517	0.790364	0.696055
0.587903	0.50008	0.534254	0.697897	0.669462	0.605062	0.602052	0.603396	0.715724	0.606608
0.666199	0.538418	0.611888	0.576288	0.694236	0.47094	0.499483	0.444637	0.513924	0.525929
0.769308	0.722031	0.84953	0.686357	0.661509	0.501987	0.587928	0.633789	0.565018	0.558911
0.592088	0.5755	0.762838	0.594336	0.500398	0.521596	0.625473	0.540793	0.540269	0.60574
0.583757	0.445501	0.579312	0.503241	0.460791	0.469032	0.549614	0.486746	0.788986	0.80333
0.607499	0.629827	0.569761	0.539336	0.646026	0.599027	0.65212	0.691115	0.838483	0.429834
0.737604	0.705054	0.663401	0.555117	0.53212	0.463984	0.638133	0.625534	0.599189	0.474266
0.619875	0.615144	0.634134	0.476252	0.457699	0.38556	0.483767	0.456785	0.519806	0.467273
0.645738	0.609763	0.599068	0.675115	0.582465	0.598172	0.575042	0.651748	0.535638	0.579648
0.763029	0.602691	0.64523	0.61142	0.619296	0.594767	0.67051	0.984769	0.817414	0.846416
0.495906	0.566533	0.668312	0.603649	0.552329	0.492505	0.59121	0.627355	0.660157	0.742212
0.355949	0.493893	0.577706	0.517742	0.520574	0.45652	0.423233	0.502882	0.624816	0.697125
0.537614	0.605329	0.580925	0.592664	0.589085	0.605062	0.517177	0.501514	0.674716	0.572357
0.637255	0.541454	0.546019	0.551307	0.53139	0.566063	0.498152	0.405704	0.568316	0.607478
0.551945	0.533904	0.461612	0.602794	0.56319	0.504735	0.446798	0.500151	0.553666	0.562038
0.71806	0.756862	0.505486	0.641167	0.536531	0.618284	0.573457	0.658556	0.747048	0.654336
0.619875	0.720878	0.738949	0.613166	0.514211	0.607674	0.622807	0.468017	0.541046	0.649512
0.5096	0.49253	0.615372	0.59183	0.538753	0.58554	0.534174	0.502882	0.605455	0.689694
0.399578	0.573036	0.587435	0.555883	0.718258	0.591389	0.476117	0.701811	0.640169	0.604008
0.407204	0.512725	0.651837	0.549038	0.725047	0.812543	0.639972	0.560674	0.501682	0.699271
0.518029	0.489817	0.575307	0.491846	0.643183	0.479959	0.524885	0.591474	0.528782	0.689694
0.574774	0.466133	0.540096	0.56206	0.53139	0.478659	0.615778	0.651748	0.615489	0.607478
0.738782	0.59401	0.656618	0.665142	0.743687	0.753719	0.817318	0.808014	0.680037	0.629817
0.557347	0.53241	0.708651	0.704323	0.650805	0.845996	0.693866	0.661506	0.642127	0.673173
0.54134	0.466133	0.599911	0.679169	0.541733	0.59392	0.720764	0.602534	0.671555	0.710166
0.565973	0.701737	0.696889	0.599391	0.631076	0.555092	0.549614	0.79844	0.840028	0.575582
0.618085	0.610655	0.755532	0.56206	0.510021	0.635631	0.755407	0.637508	0.958495	0.699271
0.555024	0.619679	0.597387	0.526968	0.517028	0.505424	0.620158	0.623721	0.693078	0.701428
0.735259	0.646962	0.543788	0.561283	0.511413	0.569249	0.59785	0.720622	0.619196	0.644741
0.651486	0.755613	0.728613	0.842972	0.687909	0.655646	0.713063	0.730921	0.664267	0.729339
0.585411	0.599198	0.616247	0.659266	0.666463	0.649833	0.74355	0.729765	0.838483	0.940452
0.474855	0.676075	0.725222	0.609681	0.584111	0.739291	0.654973	0.686909	0.575831	0.681355
0.763029	0.916824	0.915808	0.692613	0.774515	0.744047	0.69491	0.853151	0.759724	0.6524
0.695072	0.620592	0.736631	0.842972	0.655638	0.663521	0.684576	0.822068	0.868817	0.759167

0.632614	0.653813	0.599068	0.635605	0.518443	0.583883	0.574249	0.518929	0.593888	0.572357
0.845132	0.748195	0.693736	0.651553	0.581645	0.601603	0.663644	0.677592	0.749554	0.686548
0.77568	0.859348	0.792041	0.773166	0.816056	0.744047	0.594517	0.691115	0.818886	0.850969
0.522305	0.480453	0.792041	0.667118	0.646977	0.728776	0.663644	0.531183	0.597415	0.835974
0.489217	0.480453	0.729749	0.698961	0.68478	0.555092	0.575836	0.634716	0.644094	0.797895
1.009836	0.946751	0.878992	0.803267	0.818878	0.71626	0.772571	0.881687	0.958495	0.929346
0.676291	0.628895	0.793356	0.747394	0.753316	0.711797	0.636302	0.668471	0.640169	0.796547
0.489217	0.562518	0.530642	0.507335	0.600919	0.576504	0.524885	0.718366	0.576674	0.472986
0.720314	0.653813	0.589078	0.615798	0.70827	0.618284	0.6715	0.946988	0.627654	0.686548
0.750736	0.615144	0.691646	0.631936	0.658563	0.646	0.74355	0.659537	0.754609	0.894252
0.760542	0.645025	0.720741	0.662194	0.522	0.616498	0.639052	0.562242	0.57415	0.692863
0.798069	0.805788	0.816349	0.599391	0.678588	0.706282	0.683556	0.593158	0.887398	0.833036
0.662226	0.706165	0.69269	0.43142	0.660525	0.804224	0.825717	0.789072	0.802967	0.815813
0.551945	0.720878	0.577706	0.449041	0.566344	0.561327	0.515098	0.576612	0.624816	0.361454
0.690827	0.6548	0.684411	0.630113	0.680642	0.525916	0.491554	0.645044	0.651048	0.467904
0.705867	0.751888	0.747161	0.789923	1.09137	0.784098	0.729735	0.881687	0.804391	0.7679
0.664208	0.463579	0.531362	0.667118	0.759445	0.841483	0.976231	0.745044	0.752074	0.784598
0.485911	0.536155	0.585798	0.590998	0.599208	0.545904	0.668537	0.58069	0.774108	0.754255
0.528074	0.811423	0.777829	0.689474	0.68582	0.683855	0.715249	0.69643	0.880549	0.895941
0.681427	0.755613	0.718517	0.622896	0.654667	0.55742	0.624582	0.789072	0.786242	0.787225
0.605759	0.658773	0.654699	0.581136	0.675525	0.579768	0.498817	0.623721	0.727506	0.592077
0.764277	0.785284	0.772774	0.723066	0.677564	0.638435	0.569522	0.791728	0.728702	0.687594
0.868336	0.674003	0.872622	0.868978	0.742499	0.657602	0.602897	0.659537	0.707663	0.728187
0.780845	0.475845	0.633222	0.692613	0.510716	0.600743	0.68868	0.496086	0.541046	0.783291
0.634465	0.697353	0.596549	0.533472	0.549275	0.71626	0.586296	0.60426	0.759724	0.770427
0.621672	0.79337	0.942827	0.719699	0.620191	0.816763	0.635389	0.615654	0.948448	0.869676
0.510993	0.695178	0.721856	0.436632	0.442562	0.601603	0.689712	0.60426	0.633385	0.618058
0.559683	0.662782	0.54901	0.372313	0.563977	0.542132	0.634478	0.706164	0.644094	0.552725
0.68558	0.778659	0.806733	0.601941	0.836203	0.622782	0.658805	0.79844	0.758439	0.686548
0.730606	0.600941	0.797326	0.697897	0.618403	0.764863	0.832842	0.633789	0.73231	0.987954
0.75195	0.52722	0.527774	0.61055	0.412672	0.504046	0.653069	0.496086	0.564197	0.719083
0.633538	0.72784	0.665359	0.680189	0.580009	0.601603	0.565622	0.495412	0.684341	0.602284
0.834714	0.808596	0.611022	0.747394	0.658563	0.419309	0.67051	0.651748	0.600078	0.651436
0.562816	0.7373	0.62065	0.595174	0.641298	0.615607	0.654973	0.602534	0.56584	0.560472
0.548128	0.828781	0.77656	0.608814	0.809081	0.685941	0.571092	0.735578	0.57499	0.54587
0.670208	0.867338	0.775294	0.810096	0.54024	0.752498	0.705496	0.833648	0.654063	0.723611
0.642892	0.658773	0.595713	0.740303	0.428511	0.528092	0.473597	0.606863	0.531055	0.724751
0.516613	0.567341	0.573716	0.71525	0.458316	0.52664	0.525592	0.546814	0.59653	0.557357
0.896225	0.74575	0.937287	0.727596	0.624693	0.745244	0.841549	0.687956	0.715724	0.683425
0.643838	0.802997	0.824763	0.724194	0.610448	0.477363	0.664618	0.615654	0.580914	0.613618
0.54134	0.611549	0.617124	0.621111	0.641298	0.541382	0.579028	0.662495	0.611813	0.470438
0.649561	0.723186	0.663401	0.707573	0.754535	0.680743	0.693866	0.881687	0.843134	0.565978
0.766786	0.533156	0.537165	0.742654	0.791455	0.804224	0.90965	0.89839	0.700871	0.622543
0.621672	0.520637	0.482995	0.526968	0.782251	0.597318	0.719655	0.647905	0.583478	0.527375
0.660254	0.598329	0.637801	0.596014	0.696366	0.575692	0.61665	0.459876	0.611813	0.684463
0.814599	0.786622	0.799993	0.942682	0.915137	0.692262	0.600366	0.715004	0.640169	0.889224
0.562816	0.698445	0.762838	0.678152	0.580826	0.651762	0.564072	0.582332	0.651048	0.582105

0.598017	0.627964	0.618884	0.710846	0.408251	0.646955	0.614907	0.597394	0.609077	0.525929
0.843629	0.75937	0.808094	0.845952	0.737776	1.053235	0.663644	0.609482	0.814486	0.658235
0.963929	0.786622	0.579312	0.595174	0.800857	0.704096	0.777603	0.70726	0.564197	0.706869
0.557347	0.70728	0.550514	0.424001	0.553096	0.527365	0.540724	0.742658	0.674716	0.686548
0.54661	0.601815	0.643361	0.690518	0.663484	0.669522	0.565622	0.624627	0.668417	0.701428
0.611879	0.635464	0.683387	0.770645	0.782251	0.897292	0.834281	0.789072	0.92713	0.904486
0.48723	0.562518	0.604151	0.539336	0.645076	0.794715	0.695957	0.643148	0.707663	0.729339
0.675272	0.546817	0.616247	0.459968	0.549275	0.523031	0.68868	0.60426	0.659135	0.749397
0.924217	0.691935	0.772774	0.607086	0.711574	0.690145	0.799661	0.749856	0.942529	0.810221
0.750736	0.885451	0.761612	0.745017	0.817465	0.70848	0.704426	0.721754	0.798725	0.616276
0.774398	0.798845	0.71741	0.817034	0.813253	0.556642	0.6184	0.7944	0.653056	0.674187
0.969911	0.815698	0.659512	1.221003	0.957797	0.636564	0.840086	0.850093	0.761012	0.961581
0.843629	0.888827	0.99615	1.217471	0.951989	0.852086	1.015972	0.986852	0.91409	0.895941
0.77568	0.620592	0.767778	0.822666	0.648887	0.613832	0.703358	0.682743	0.656085	0.899339
0.768045	0.750654	0.760389	0.792559	0.747273	0.627328	0.768836	0.660521	0.568316	0.811612
0.959987	1.046439	0.940973	0.834153	1.013888	0.897292	1.145107	1.019351	0.944493	0.885904
0.568356	0.578808	0.801333	0.702171	0.728482	1.013672	0.687651	0.745044	0.930929	0.621642
0.478725	0.577978	0.804025	0.644915	0.851189	0.819599	0.686623	0.758407	0.950439	0.748191
0.769308	0.706165	0.74245	0.667118	0.975701	0.766119	0.793056	1.146515	1.185607	0.800604
0.845132	0.731364	0.851032	0.760703	0.84815	0.947756	0.943516	0.901809	0.830841	1.005018
0.715817	0.589733	0.57213	0.66024	0.588252	0.742853	0.814555	0.739104	0.621061	0.680324
0.738782	0.755613	0.562734	0.729879	0.649845	0.61739	1.020375	0.873571	0.552068	0.689694
1.027811	0.993741	0.888728	0.847449	0.894439	0.784098	0.986342	1.084786	1.082324	1.110363
0.72258	0.796099	1.008945	0.743834	0.704991	0.667512	0.614038	0.593158	0.846263	0.918517
0.571553	0.621507	0.786819	0.622003	0.66846	0.666511	0.486347	0.431655	0.887398	0.965536
0.688721	0.800225	0.977639	0.792559	1.153991	1.015902	0.725226	0.970464	1.087765	0.86335
0.77312	0.642134	0.907162	1.109093	1.036651	0.870887	1.13635	0.891632	1.014852	1.016033
0.618085	0.546047	0.605004	0.725325	0.756983	0.537649	0.708723	0.591474	0.651048	0.750607
0.635393	0.609763	0.625994	0.750983	0.766915	0.564478	0.656885	0.555231	0.7458	0.671151
0.937055	1.015872	0.963767	1.114609	0.977736	0.794715	0.98227	1.037733	0.892607	0.957662
0.854266	0.812843	0.706489	0.900014	0.786172	0.893902	0.8201	0.599101	0.680037	0.936718
0.742334	0.662782	0.661452	0.714145	0.58992	0.646	0.67051	0.548332	0.675775	0.918517
0.604892	0.736106	0.874206	0.733326	0.766915	0.85671	0.904536	0.649822	1.017173	0.913202
0.699357	0.749423	0.793356	0.754603	0.701737	0.808363	0.966351	0.720622	0.641147	0.834502
0.734091	0.818571	0.565064	0.450843	0.49904	0.563688	0.556402	0.640319	0.573312	0.628901
0.571553	0.705054	0.658545	0.461199	0.560059	0.703007	0.577429	0.648862	0.677901	0.672161
0.592088	0.862526	0.88709	0.676125	0.957797	1.096768	0.941666	0.906989	0.872137	0.843407
0.937055	0.856192	0.629593	0.622896	0.839159	0.812543	0.813179	0.836592	0.779459	1.223774
1.034748	0.629827	0.531362	0.682235	0.598356	0.590548	0.745895	0.74385	0.687597	0.737486
0.697209	0.53241	0.695835	0.732174	0.620191	0.728776	0.837173	0.718366	0.862252	0.725893
0.571553	0.720878	0.748347	0.746204	0.90123	0.515196	0.690747	0.783808	0.672606	0.710166
0.511692	0.608873	0.469039	0.600239	0.663484	0.406482	0.411096	0.425306	0.48565	0.692863
0.439122	0.588883	0.563509	0.530569	0.469567	0.3903	0.531295	0.559112	0.663236	0.820055
0.59293	0.843795	0.599911	0.710846	0.718258	0.733418	0.939824	0.941311	1.116042	1.013808
0.747115	0.613343	0.564286	0.78082	0.760681	0.615607	0.986342	0.89839	0.594767	0.811612
0.609245	0.517023	0.562734	0.601089	0.714903	0.42329	0.654973	0.842541	0.54889	0.6335
0.626198	0.482442	0.637801	0.568326	0.630158	0.612064	0.644604	0.841046	0.804391	0.796547

0.85273	0.667847	0.715204	0.855016	0.846639	0.781483	0.811808	0.814984	0.854184	0.916738
0.566766	0.516303	0.513019	0.510086	0.658563	0.618284	0.588746	0.55678	0.610899	0.530281
0.621672	0.566533	0.509579	0.485281	0.543982	0.558978	0.599526	0.534854	0.639193	0.527375
0.534656	0.660773	0.756742	0.647747	0.623789	0.68909	0.806368	0.809399	0.889127	0.84191
0.791364	0.774732	0.900368	0.876933	0.799501	0.874101	1.043085	0.937568	0.7649	0.74579
0.447482	0.658773	0.589902	0.596014	0.662495	0.534686	0.629952	0.758407	0.663236	0.635354
0.393679	0.531665	0.630497	0.728736	0.704991	0.649833	0.585482	0.636575	0.573312	0.8047
0.881237	0.641175	0.890372	0.803267	0.618403	0.718509	0.750625	0.56698	0.642127	0.916738
0.634465	0.734916	0.740113	0.640235	0.671474	0.578133	0.622807	0.537813	0.580914	0.573967
0.542089	0.451031	0.457337	0.590998	0.514914	0.583057	0.655928	0.700729	0.612729	0.636283
0.650523	0.501467	0.672281	0.633766	0.346825	0.679711	0.620158	0.532648	0.721575	0.698197
1.003283	0.950641	1.000373	0.933441	0.569521	0.752498	0.732007	0.922909	0.912258	0.938581
0.680395	0.724345	0.554296	0.596014	0.646977	0.592231	0.640895	1.037733	0.772781	0.701428
0.513092	0.623342	0.485581	0.464292	0.716019	0.596466	0.443269	0.805257	0.683261	0.667136
0.542839	0.467415	0.500759	0.778254	0.646026	0.515902	0.655928	0.7812	0.614567	0.640962
0.631691	0.595732	0.701129	0.967673	0.810467	0.548945	0.771323	0.773469	0.603655	0.627075
0.568356	0.46104	0.53498	0.598544	0.590756	0.510283	0.555643	0.556005	0.647061	0.717959
0.466586	0.405848	0.440647	0.578705	0.473383	0.545904	0.553372	0.40461	0.551271	0.621642
0.467217	0.648908	0.793356	0.810096	0.556951	0.777591	0.750625	0.607734	0.657099	0.825776
0.504758	0.69954	0.753124	0.758253	0.874683	0.588037	0.644604	0.791728	0.721575	0.714602
0.446879	0.639263	0.725222	0.505966	0.854249	0.455904	0.500151	0.58398	0.629556	0.567564
0.72258	0.706165	0.528489	0.724194	0.707174	0.483881	0.592034	0.490724	0.402455	0.565978
0.708058	0.856192	0.756742	0.931616	0.849667	0.661539	0.824306	0.778608	0.686509	0.813008
0.51732	0.55069	0.510265	0.617562	0.647931	0.513786	0.707645	0.661506	0.723938	0.705775
0.226072	0.597461	0.542308	0.534931	0.580009	0.454674	0.76146	0.597394	0.57415	0.830117
0.518739	0.815698	0.761612	0.732174	0.810467	0.705188	1.072004	0.691115	0.576674	0.811612
0.537614	0.601815	0.669301	0.543042	0.703903	0.660551	0.767598	1.001716	0.917776	0.698197
0.460331	0.576325	0.709736	0.502562	0.538753	0.562113	0.608003	0.709458	0.794524	0.575582
0.505446	0.607984	0.466549	0.593499	0.681673	0.604195	0.617524	0.693233	0.53872	0.654336
0.599725	0.687649	0.617124	0.693665	0.817465	0.744047	0.628155	0.559893	0.682183	0.604008
0.459711	0.645992	0.490801	0.606224	0.675525	0.65273	0.577429	0.548332	0.605455	0.573161
0.491213	0.518465	0.461612	0.733326	0.713791	0.611182	0.56022	0.627355	0.461688	0.569954
0.628936	0.568961	0.531362	0.596856	0.56084	0.574881	0.76268	0.69643	0.53487	0.840418
0.604892	0.599198	0.558111	0.446054	0.656611	0.657602	0.639972	0.755946	0.817414	0.749397
0.642892	0.540693	0.769022	0.437798	0.568724	0.794715	0.53853	0.447642	0.633385	0.544361
0.54661	0.596596	0.629593	0.624689	0.634765	0.696528	0.587928	0.675548	0.761012	0.526651
0.614528	0.717438	0.658545	0.807351	0.679614	0.811145	0.704426	0.833648	0.932841	0.697125
0.537614	0.606213	0.701129	0.659266	0.500398	0.5629	0.59785	0.630101	0.774108	0.600566
0.54134	0.549137	0.523507	0.676125	0.820295	0.629159	0.69491	0.687956	0.628604	0.574774
0.607499	0.746971	0.640572	0.900014	0.755757	0.472217	0.724106	0.55062	0.54889	0.724751
0.545098	0.653813	0.734325	0.848952	0.648887	0.495868	0.498817	0.572573	0.790364	0.717959
0.589572	0.580471	0.590727	0.628297	0.510021	0.723042	0.710887	0.628268	0.671555	0.627075
0.593774	0.663791	0.563509	0.430845	0.53727	0.645047	0.639972	0.740285	0.586057	0.531742
0.719186	0.518465	0.562734	0.480743	0.550037	0.624595	0.621922	0.797089	0.892607	0.688643
0.634465	0.611549	0.650887	0.549793	0.510716	0.570851	0.572667	0.605126	0.527273	0.6524
0.647645	0.70284	0.617124	0.461199	0.562405	0.649833	0.533453	0.637508	0.477515	0.484644
0.616303	0.651844	0.518581	0.533472	0.69958	0.550474	0.414921	0.613882	0.564197	0.610099

0.642892	0.650864	0.629593	0.674107	0.672483	0.663521	0.598687	0.565395	0.733519	0.732812
0.71806	0.493211	0.649939	0.624689	0.416018	0.508889	0.634478	0.379666	0.600078	0.824339
0.58211	0.509883	0.563509	0.48463	0.506559	0.42962	0.481202	0.50563	0.661181	0.565187
0.64669	0.574678	0.481708	0.463052	0.536531	0.503359	0.446208	0.502882	0.569975	0.541358
0.560464	0.563318	0.47029	0.542298	0.568724	0.536907	0.488943	0.51964	0.519806	0.487938
0.439122	0.636411	0.565064	0.501885	0.613966	0.566857	0.528434	0.545301	0.595648	0.449359
0.441494	0.756862	0.606715	0.641167	0.731944	0.46524	0.457562	0.694296	0.609077	0.480073
0.619875	0.643096	0.636881	0.629204	0.661509	0.532477	0.524885	0.670481	0.568316	0.531742
0.553482	0.533904	0.509579	0.703246	0.544734	0.445559	0.675481	0.594847	0.513924	0.62435
0.559683	0.560126	0.604151	0.714145	0.441374	0.47414	0.635389	0.495412	0.618266	0.598002
0.565973	0.645025	0.704337	0.653468	0.501078	0.621879	0.646471	0.526818	0.731104	0.662168
0.614528	0.546047	0.404747	0.458128	0.471471	0.566857	0.605443	0.457401	0.515387	0.568359
0.510993	0.557748	0.546765	0.402474	0.441967	0.692262	0.639052	0.549856	0.459106	0.469803
0.493218	0.666829	0.53498	0.443088	0.528479	0.616498	0.478017	0.512579	0.508841	0.408387
0.602301	0.512725	0.549761	0.564399	0.485037	0.598172	0.569522	0.655625	0.758439	0.702511
0.690827	0.664801	0.515791	0.676125	0.5508	0.560543	0.629052	0.677592	0.572475	0.680324
0.64669	0.601815	0.571339	0.700029	0.520574	0.623688	0.613171	0.610358	0.45526	0.513827
0.624382	0.628895	0.860154	0.644915	0.566344	0.957418	0.656885	0.521066	0.5074	0.451786
0.649561	0.63831	0.626891	0.628297	0.641298	0.668516	0.542193	0.626444	0.573312	0.569156
0.603163	0.568961	0.637801	0.634684	0.526309	0.533948	0.409467	0.40735	0.619196	0.59971
0.628936	0.640218	0.797326	0.66024	0.587421	0.70738	0.624582	0.462989	0.67366	0.603145
0.690827	0.708397	0.606715	0.919052	0.712681	0.728776	0.794369	0.617434	0.629556	0.677244
0.569952	0.674003	0.472801	0.700029	0.780952	0.432528	0.58305	0.72289	0.609077	0.637215
0.708058	0.598329	0.590727	0.633766	0.578379	0.530279	0.65212	0.619221	0.641147	0.618951
0.817416	0.864124	0.827605	0.975661	0.726189	0.665512	0.892833	0.859332	0.802967	0.761644
0.555797	0.706165	0.662426	0.735639	0.621088	0.601603	0.620158	0.751067	0.677901	0.680324
0.65829	0.70728	0.691646	0.571494	0.43431	0.618284	0.612305	0.483459	0.691977	0.766641
0.497256	0.547589	0.643361	0.549793	0.424496	0.682815	0.636302	0.520353	0.776776	0.858666
0.628936	0.599198	0.631403	0.662194	0.591594	0.622782	0.697007	0.676569	0.653056	0.74579
0.535394	0.623342	0.609294	0.61142	0.676543	0.571654	0.548119	0.610358	0.651048	0.542107
0.569153	0.556958	0.46531	0.588512	0.670467	0.525193	0.607148	0.473103	0.364085	0.408387
0.726002	0.571402	0.560416	0.646801	0.56319	0.489833	0.545887	0.456169	0.425665	0.490592
0.469114	0.538418	0.471543	0.553589	0.584936	0.499257	0.488293	0.593158	0.520547	0.56361
0.446879	0.499388	0.530642	0.601089	0.481768	0.394022	0.494841	0.513982	0.456538	0.628901
0.679366	0.437635	0.538628	0.563618	0.556177	0.543637	0.672492	0.492059	0.531055	0.603145
0.734091	0.56815	0.474694	0.645857	0.8289	0.746445	0.620158	0.509091	0.620127	0.564398
0.549651	0.539175	0.560416	0.531293	0.571919	0.734586	0.504177	0.559112	0.601863	0.353617
0.666199	0.608873	0.565843	0.546029	0.590756	0.529548	0.521364	0.531915	0.364085	0.390056
0.798069	0.815698	0.634134	0.792559	0.713791	0.521596	0.65212	0.578239	0.56584	0.552725
0.915274	0.790658	0.795999	0.856545	0.758212	0.662529	0.550363	0.489394	0.618266	0.513827
0.95608	0.796099	0.766538	0.737965	0.677564	0.596466	0.614038	0.536331	0.537176	0.492593
1.076299	0.94098	0.875795	0.946435	0.711574	0.627328	0.714154	0.645996	0.616413	0.77297
0.978016	1.015872	1.275299	1.052639	0.906393	0.728776	0.854946	0.839556	0.742079	0.918517
0.681427	0.719728	1.011114	0.757033	0.778366	0.850555	0.822899	0.764619	0.635313	0.748191
0.639126	1.323122	1.084385	0.665142	0.784861	0.9941	0.733148	0.851619	0.810131	0.557357
1.01873	0.944819	0.872622	1.090322	1.310857	1.070635	0.687651	1.077009	1.017173	0.77297
1.058706	0.65579	0.537896	0.83854	0.99226	0.70848	0.690747	0.824934	0.750812	0.828666

0.79672	0.9026	0.780379	0.697897	0.799501	0.597318	0.648346	0.769654	0.613647	0.733976
1.039435	1.089961	1.092179	0.963733	1.319735	0.987767	0.934345	1.071901	0.748299	0.787225
0.944565	0.825839	0.935456	1.077394	1.245697	1.757205	1.236684	0.966462	1.096056	0.746989
0.671216	0.755613	0.834791	0.954038	0.802217	1.142154	0.972252	0.864027	1.019506	0.946113
0.860463	1.002459	1.163216	0.927989	0.810467	0.951595	0.847452	0.878422	1.116042	1.091376
1.203535	1.444574	1.838985	1.250338	1.050903	0.94206	0.95669	0.878422	0.896114	1.179329
0.662226	0.719728	0.726349	0.760703	0.830351	0.874101	0.755407	0.881687	0.854184	0.749397
0.470383	0.509175	0.634134	0.607949	0.854249	0.768643	0.604592	0.933857	1.012544	0.664148
0.553482	0.814268	0.801333	0.793883	1.011676	1.231476	0.835725	0.952739	1.110237	1.029632
0.642892	0.596596	0.600756	0.647747	0.754535	0.882242	0.994604	0.67453	0.956467	1.124452
0.68558	0.439438	0.446534	0.596014	0.613966	0.754943	0.90965	0.576612	0.948448	0.922097
0.562816	0.410893	0.615372	0.714145	0.774515	1.136215	0.988393	0.686909	1.098856	1.022779
0.721446	0.736106	0.57213	0.682235	0.648887	0.712909	0.78014	1.087409	0.793133	0.965536
0.618979	0.630762	0.5228	0.486586	0.384187	0.554319	0.606295	0.619221	0.827821	0.835974
0.508211	0.706165	0.577706	0.55055	0.494993	0.55124	0.67051	0.578239	0.862252	0.640962
0.632614	0.686584	0.801333	0.959829	0.754535	0.732252	0.660734	0.63102	0.894357	0.746989
0.665202	0.511301	0.51371	0.754603	0.80495	0.540633	0.520663	0.662495	0.670506	0.727039
0.700436	0.628895	0.488183	0.643037	0.759445	0.655646	0.701231	0.685864	0.689781	0.854032
0.915274	0.62611	0.760389	0.638377	0.629242	0.796061	0.871902	0.612116	0.662207	0.719083
0.682462	0.670914	0.609294	0.666129	0.606959	0.606802	0.680511	0.588128	0.54495	0.6335
0.747115	0.549137	0.455518	0.679169	0.470201	0.522313	0.668537	0.473103	0.705387	0.674187
0.742334	0.660773	0.650887	0.746204	0.55928	0.647912	0.656885	0.567774	0.800135	0.692863
0.605759	0.708397	0.798658	0.851973	0.748475	0.758637	0.682539	0.762123	0.755882	0.981725
0.5096	0.70284	0.625098	0.643037	0.809081	0.651762	0.593688	0.760881	0.791746	0.813008
0.603163	0.857767	0.689566	0.63285	0.68478	0.543637	0.720764	0.824934	0.758439	0.833036
0.692944	0.890525	0.735476	0.637451	0.663484	0.705188	0.824306	0.823499	0.78216	0.728187
0.473573	0.76316	0.719627	0.592664	0.558502	0.679711	0.687651	0.730921	0.723938	0.472348
0.65829	0.63452	0.799993	0.779535	0.58992	0.540633	0.649287	0.622817	0.652051	0.613618
0.661239	0.504254	0.819135	0.795211	0.586591	0.70192	0.75301	0.60426	0.646069	0.754255
0.548889	0.701737	0.755532	0.831252	0.626507	0.705188	0.564846	0.745044	0.722755	0.759167
0.25219	0.656782	0.772774	0.585218	0.493652	0.726473	0.554128	0.732081	0.755882	0.667136
0.516613	0.723186	0.674279	0.686357	0.581645	0.714023	0.660734	0.73675	0.771457	0.569954
0.817416	0.591439	0.626891	0.768138	0.76192	0.725326	0.765132	0.881687	1.046034	0.728187
0.721446	0.589733	0.629593	0.476252	0.501078	0.544392	0.574249	0.625534	0.610899	0.702511
0.673239	0.601815	0.584168	0.438383	0.555405	0.527365	0.668537	0.616543	0.525769	0.664148
0.831783	0.629827	0.567406	0.592664	0.571118	0.624595	0.686623	0.63938	0.586057	0.796547
0.615414	0.678156	0.677294	0.847449	0.942479	0.724183	0.693866	0.737925	0.670506	0.673173
0.414966	0.551468	0.594878	0.6701	0.683742	0.796061	0.60886	0.555231	0.83541	0.662168
0.565973	0.602691	0.626891	0.485933	0.609573	0.635631	0.585482	0.76839	0.708806	0.689694
0.631691	0.513438	0.706489	0.607949	0.90123	0.735757	0.663644	1.035392	0.57415	0.636283
0.569952	0.577151	0.84953	0.718583	0.887754	0.929053	0.815934	0.76839	0.595648	0.668136
0.518029	0.334094	0.561187	0.687393	0.693175	0.67053	0.720764	0.633789	0.634348	0.568359
0.711367	0.574678	0.529923	0.803267	0.693175	0.638435	0.828553	0.745044	0.838483	0.732812
0.952208	0.922281	0.85862	0.792559	0.631995	0.604195	0.573457	0.500832	0.66946	0.799248
0.591248	0.574678	0.757954	0.689474	0.540986	0.510981	0.637216	0.584806	0.66946	0.843407
0.547368	0.495261	0.599911	0.629204	0.655638	0.562113	0.609719	0.728611	0.824822	0.598002
0.511692	0.79747	0.706489	0.743834	0.9965	0.655646	0.76146	0.933857	0.793133	0.62435

0.555797	0.689786	0.852539	0.87533	0.66746	0.574072	0.571092	0.680675	0.703123	0.675204
0.659271	0.553812	0.592383	0.607949	0.619296	0.594767	0.519265	0.745044	0.620127	0.591238
0.686624	0.643096	0.612757	0.615798	0.690008	0.744047	0.697007	0.946988	0.704254	0.677244
0.741147	0.811423	0.69269	0.537128	0.568724	0.618284	0.741216	0.687956	0.77544	0.664148
0.771846	0.785284	0.705411	0.6701	0.625599	0.673569	0.734291	0.721754	0.923364	0.843407
0.8512	0.546047	0.490145	0.565966	0.550037	0.612947	0.585482	0.694296	0.910434	0.60574
0.532451	0.598329	0.708651	0.7368	0.601777	0.718509	0.742381	0.554459	0.709951	0.690748
0.651486	0.675038	0.834791	0.784698	0.58992	0.646955	0.647408	0.677592	0.752074	0.825776
0.626198	0.657776	0.587435	0.572289	0.644128	0.616498	0.575836	0.755946	0.695291	0.585404
0.562031	0.688716	0.547512	0.546029	0.92047	0.642201	0.602052	0.777317	0.750812	0.687594
0.621672	0.933404	0.794675	0.815638	0.741313	0.657602	0.729735	0.577425	0.605455	0.784598
0.823106	0.595732	0.6415	0.696835	0.741313	0.599884	0.624582	0.619221	0.817414	0.953778
0.730606	0.540693	0.670292	0.689474	0.564764	0.761117	0.602897	0.56698	1.041089	0.604008
0.709158	0.491851	0.845056	0.758253	0.690008	0.570049	0.735438	0.546056	0.700871	0.685504
0.920618	0.614242	0.668312	0.804624	0.68582	0.431362	0.617524	0.473103	0.804391	0.814408
0.679366	0.577151	0.690605	0.764405	0.71047	0.635631	0.69491	0.718366	0.768822	0.593762
0.466586	0.7373	1.0025	0.61142	0.849667	0.991979	0.754207	0.891632	0.830841	0.807451
0.594619	0.893941	1.100115	0.85808	1.016112	0.955469	0.827133	0.692172	0.674716	0.949929
0.59887	0.667847	0.570549	0.745017	0.809081	0.601603	0.621039	0.746242	0.75334	0.783291
0.80351	0.636411	0.562734	0.639305	0.568724	0.665512	0.76146	0.724028	0.948448	0.760404
0.65829	0.374153	0.666341	0.649646	0.661509	0.838501	0.90116	0.908729	0.91409	0.779392
0.670208	0.434647	0.837699	1.045479	0.946258	0.620977	0.564072	0.574992	0.716888	0.546626
0.668199	0.640218	0.705411	0.687393	0.711574	0.746445	0.567958	0.492059	0.843134	0.685504
0.647645	0.680248	0.690605	0.694719	0.664474	0.821024	0.705496	0.715004	0.843134	0.948017
0.863595	0.751888	0.874206	0.883403	0.63384	0.70738	0.765132	0.657577	0.570807	0.799248
0.735259	0.723186	0.733176	0.642101	0.622887	0.569249	0.613171	0.715004	0.590391	0.531742
0.799423	0.825839	0.625994	0.574684	0.631995	0.602465	0.483125	0.730921	0.646069	0.796547
0.790035	0.572218	0.663401	0.643037	0.451581	0.534686	0.824306	0.814984	0.57164	0.791196
0.660254	0.674003	0.770269	0.773166	0.747273	0.599884	0.657844	0.757175	0.632425	0.7679
0.598017	0.617859	0.616247	0.406804	0.564764	0.593075	0.639052	0.618327	0.626706	0.866502
0.65829	0.446112	0.695835	0.556651	0.505871	0.658583	0.529862	0.621016	0.676837	0.971536
0.818832	0.781297	0.806733	0.643037	0.616623	0.766119	0.740055	0.763369	0.643109	0.789868
0.783451	0.837727	0.582543	0.692613	0.76192	0.75128	0.65402	0.618327	0.632425	0.713489
0.673239	0.719728	0.549761	0.528405	0.670467	0.70192	0.579829	0.577425	0.670506	0.884254
0.684538	0.530178	0.606715	0.669103	0.624693	0.449182	0.513029	0.628268	0.550476	0.806073
0.776965	0.633577	0.508894	0.745017	0.567136	0.267117	0.330401	0.607734	0.443303	0.723611
0.4499	0.560922	0.54453	0.448442	0.428511	0.476071	0.53926	0.441652	0.593888	0.587894
0.587903	0.677114	0.653743	0.476252	0.46328	0.625504	0.549614	0.423591	0.691977	0.681355
0.647645	0.758114	0.831902	0.656357	0.752101	0.742853	0.817318	0.715004	0.606358	0.508941
0.706961	0.632637	0.492774	0.578705	0.68478	0.51661	0.597014	0.827819	0.57164	0.492593
0.699357	0.680248	0.452503	0.392361	0.550037	0.534686	0.667554	0.651748	0.519066	0.668136
0.644787	0.468701	0.54901	0.677137	0.70827	0.695458	0.818707	0.599956	0.486335	0.579648
0.58624	0.438235	0.555818	0.532744	0.586591	0.620078	0.6795	0.594847	0.519066	0.491258
0.581289	0.55069	0.551268	0.576288	0.495665	0.524471	0.755407	0.507011	0.572475	0.626165
0.49861	0.475845	0.659512	0.686357	0.570319	0.788049	0.717446	0.588128	0.964637	1.025051
0.59293	0.574678	0.82194	0.7368	0.760681	0.862954	0.827133	1.035392	0.790364	0.749397
0.720314	0.805788	0.690605	0.661216	0.8077	0.555092	0.639972	0.739104	0.588652	0.586233

0.662226	0.782622	0.592383	0.532018	0.659543	0.447367	0.602897	0.587295	0.566664	0.824339
0.839149	0.573036	0.62869	0.733326	0.625599	0.648872	0.6715	0.645044	0.598301	0.482026
0.682462	0.689786	0.634134	0.548284	0.583287	0.676629	0.649287	0.607734	0.569975	0.555035
0.627108	0.530178	0.557345	0.691564	0.490318	0.663521	0.713063	0.588962	0.57164	0.671151
0.625289	0.486449	0.772774	0.662194	0.529932	0.637498	0.650229	0.644095	0.735948	0.899339
0.836187	0.711765	0.892022	0.698961	0.755757	0.678681	0.713063	0.808014	0.767511	0.600566
0.674254	0.900854	0.623314	0.517742	0.731944	0.648872	0.571879	0.618327	0.67366	0.6335
0.683499	0.906113	0.619766	0.603649	0.763163	0.574881	0.632662	0.740285	0.691977	0.946113
0.754388	0.467415	0.640572	0.805986	0.918685	0.610303	0.755407	1.131696	0.97507	0.74579
0.49861	0.514153	0.472172	0.5707	0.669462	0.852086	0.672492	0.719493	0.726313	0.796547
0.674254	0.671941	0.537896	0.562838	0.494993	0.549709	0.702293	0.63938	0.493941	0.722475
0.719186	0.558539	0.774033	0.63285	0.413784	0.637498	0.613171	0.666469	0.684341	1.238418
0.597165	0.882101	0.689566	0.647747	0.613966	0.550474	0.426603	0.602534	0.655073	0.817223
0.528074	0.818571	0.735476	0.774433	0.774515	0.703007	0.492866	0.493397	0.726313	0.799248
0.630771	0.742109	0.504808	0.800565	0.823145	0.597318	0.729735	0.747443	0.644094	0.901048
0.954139	0.833231	0.630497	0.631936	0.796802	0.59392	0.809079	1.001716	0.69863	0.555807
0.581289	0.706165	0.716305	0.604505	0.707174	0.640314	0.639052	0.806633	0.537176	0.483988
0.668199	0.607098	0.745979	0.676125	0.618403	0.763611	0.638133	0.730921	0.685423	0.904486
0.806256	0.678156	0.820536	0.862717	0.755757	0.870887	0.936164	0.850093	0.950439	0.869676
0.64669	0.909654	0.487531	0.589339	0.700657	0.654672	0.827133	1.042453	0.847835	0.582928
0.76553	0.9026	0.48688	0.5707	0.753316	0.651762	1.338832	1.030748	0.892607	0.760404
0.931507	0.895659	0.549761	0.900014	0.756983	0.566063	1.175644	1.20795	0.713406	0.931177
0.631691	1.015872	0.700065	0.647747	1.022851	0.680743	0.672492	0.921111	0.735948	0.750607
0.787389	0.736106	0.940973	0.732174	0.96965	0.823889	0.843017	0.928349	0.862252	0.7781
0.874739	0.646962	1.178933	1.143289	1.0732	1.116654	1.160107	0.89839	1.774428	1.157156
0.944565	1.053809	0.959884	1.190208	1.166749	1.539019	1.236684	2.698617	1.433022	1.053287
0.865169	1.114899	0.917558	1.082519	1.599584	1.769707	1.893626	3.287965	0.97507	2.170451
1.476863	0.686584	0.914065	2.148299	1.202533	1.298888	1.624332	1.435746	1.392534	0.224173
1.330403	1.109232	1.869283	2.332259	1.60052	1.902151	1.478958	1.339667	0.448345	0.112086
1.133808	1.27109	1.279314	1.183652	1.910638	1.530892	1.2868	0.896691	0.224173	0
1.160994	1.503193	1.216995	1.250338	1.582827	1.430449	1.108372	0.889959	0.557066	0
0.851837	0.139028	0.069514	0.034757	0.017378	1.330005	1.547732	1.300505	1.360602	0
0.278056	0	0	0	0	0	0	1.330554	1.724222	0
0.417084	0	0	0	0	0	0	1.527388	1.7486	0
2.384884	0	0	0	1.751422	1.885277	1.804318	1.578436	2.351664	0.004441
0.246603	0	0	0	0	0.814742	1.629484	0.806981	0.008882	0.006661
0.246603	0.123302	0	0	0	0.071053	0.035526	0.017763	0	0.046568
0.246603	1.750013	0.568423	0.284212	0.142106	3.924029	0.265967	0.150747	0.084255	1.307698
0.307021	3.850384	2.144723	1.013545	0.779657	0.460882	1.965336	1.671126	2.405084	1.494764
0.905162	1.296327	1.735338	1.42552	1.392824	0.991181	1.080912	1.322546	2.62166	1.333804
1.710394	0.734916	0.608433	0.922605	0.981837	1.000526	1.160107	1.001716	1.146289	1.043669
1.629962	1.049447	0.954124	0.915528	1.599584	0.916424	0.6184	1.174536	1.146289	0.704684
1.144771	1.651334	0.814962	1.055052	1.06564	0.813945	0.657844	0.833648	0.940574	0.871272
0.990466	1.039192	1.089565	0.739132	0.56084	0.835539	0.742381	0.63938	0.843134	0.746989
0.732926	0.774732	0.829032	0.702171	0.596656	0.719638	0.725226	0.593158	0.718055	0.746989
0.691885	0.772134	0.635048	0.437798	0.787486	0.641256	0.569522	0.76839	0.873806	0.588728
0.687671	0.848403	0.900368	0.539336	0.626507	0.800123	0.732007	0.717243	0.762304	0.906215

0.593774	0.643096	0.691646	0.635605	0.594117	0.646	0.605443	0.605126	0.447044	0.422946
0.901338	0.685521	0.545274	0.785998	0.591594	0.510981	0.547374	0.549856	0.478187	0.403458
0.809019	0.687649	0.655657	0.616679	0.606091	0.600743	0.646471	0.718366	0.615489	0.414487
0.292879	0.374153	0.605004	0.319849	0.449762	0.555866	0.602897	0.429336	0.387461	0.389528
0.282035	0.42174	0.57213	0.393942	0.459552	0.52375	0.247194	0.433986	0.491853	0.552725
0.602301	0.56815	0.565843	0.467408	0.572721	0.544392	0.41547	0.622817	0.516855	0.47555
0.495232	0.566533	0.733176	0.512854	0.498363	0.555866	0.450357	0.486087	0.443924	0.423516
0.505446	0.381994	0.465929	0.473073	0.519152	0.484539	0.488293	0.427029	0.511012	0.441562
0.506136	0.409205	0.470916	0.620221	0.476589	0.327322	0.513029	0.435157	0.513194	0.416726
0.426876	0.514868	0.546019	0.450242	0.429664	0.563688	0.539991	0.416235	0.577519	0.558911
0.357907	0.444891	0.646168	0.414486	0.409352	0.562113	0.585482	0.331852	0.433483	0.593762
0.601441	0.622424	0.450105	0.409532	0.529932	0.489168	0.477383	0.473103	0.432877	0.425802
0.596314	0.517743	0.500088	0.400862	0.538753	0.599027	0.389344	0.293411	0.435307	0.468536
0.426302	0.41033	0.374091	0.468034	0.479171	0.420443	0.317932	0.353156	0.410438	0.391113
0.411623	0.438235	0.289152	0.5707	0.536531	0.38295	0.427167	0.4079	0.452715	0.37808
0.51732	0.533904	0.406906	0.61142	0.550037	0.481262	0.534897	0.593158	0.53487	0.468536
0.328969	0.312888	0.481708	0.340361	0.412117	0.426731	0.573457	0.349292	0.373496	0.517352
0.376448	0.369515	0.582543	0.455686	0.37289	0.478659	0.489594	0.446437	0.372968	0.5281
0.479373	0.536155	0.422326	0.45874	0.518443	0.455904	0.455147	0.628268	0.499557	0.617166
0.340597	0.415427	0.390449	0.274247	0.447951	0.399395	0.405689	0.417922	0.40189	0.461012
0.321688	0.477156	0.389409	0.35363	0.32495	0.316914	0.443269	0.285866	0.313371	0.457915
0.347726	0.341719	0.376607	0.502562	0.40062	0.484539	0.472969	0.40735	0.392954	0.489927
0.385239	0.300907	0.472172	0.480743	0.340663	0.398855	0.469222	0.346416	0.375616	0.471074
0.332194	0.31969	0.472801	0.455686	0.335983	0.368612	0.529148	0.415675	0.343379	0.497974
0.358398	0.508469	0.460999	0.371811	0.502442	0.497898	0.258914	0.247698	0.506681	0.399664
0.438531	0.539175	0.48623	0.574684	0.474663	0.405384	0.392982	0.284207	0.517591	0.372467
0.477431	0.37884	0.388371	0.527686	0.401161	0.392423	0.29236	0.422451	0.404721	0.287965
0.387859	0.369515	0.462841	0.461199	0.540986	0.52375	0.337232	0.502198	0.452082	0.3943
0.584583	0.484441	0.541569	0.504601	0.562405	0.532477	0.498152	0.518219	0.401326	0.435658
0.550414	0.425805	0.396746	0.367815	0.416578	0.370632	0.393504	0.335564	0.438979	0.493262
0.340597	0.526484	0.474062	0.355559	0.518443	0.412569	0.466741	0.237169	0.31893	0.414487
0.199388	0.393216	0.401529	0.425134	0.387843	0.412569	0.481842	0.415675	0.300226	0.416165
0.407204	0.466133	0.386302	0.438968	0.335983	0.380872	0.39246	0.502882	0.336044	0.392172
0.754388	0.679201	0.437152	0.524821	0.467671	0.501987	0.46366	0.398642	0.474837	0.611855
0.387011	1.96957	1.702068	1.977033	1.02512	0.961344	0.927145	0.728611	0.826319	0.872873
0	0	0	0	0	0	0	0	0	0.41316
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.483369	0.241684	0.120842	0	0	0	0	0	0	0
1.193341	1.70337	1.279314	1.473504	0.413386	0.620079	1.708162	0.8257	0	0
0.764277	0.830259	0.784231	0.935273	0.90987	0.826772	1.687116	1.6514	2.017732	0
0.535394	0.554597	0.587435	0.821251	0.95975	0.979464	1.172492	2.822125	1.02421	2.744164
0.547368	0.472583	0.554296	0.607086	0.422787	0.844486	0.859505	0.626444	0.726313	1.273292
0.339185	0.357883	0.477232	0.379915	0.383147	0.560543	0.50756	0.428758	0.64508	0.820055
0.373387	0.407523	0.406366	0.404093	0.451581	0.371138	0.385737	0.348331	0.349338	0.532474
0.563603	0.526484	0.516487	0.403553	0.500398	0.410901	0.4686	0.430494	0.426858	0.627987
0.59293	0.560922	0.343115	0.36042	0.368854	0.375722	0.554128	0.403519	0.409288	0.492593

[illegible]

40	41	42	43	44	45	46	47	48	49
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.631148	1.106065	0.534498	0	0	0	0	0	0	0
0.896234	1.068995	1.307214	2.5893	0.813109	1.381079	2.005595	1.10126	0.36386	0.478927
0.597583	1.111629	1.687355	0.732389	0.893829	1.141964	0.76681	0.72772	1.035393	0.954426
0.694107	0.927328	1.246197	0.870329	0.710128	0.553541	0.701896	0.825597	0.536058	0.457956
0.936485	0.703375	0.621332	0.728892	0.621706	0.573573	0.705026	0.810384	0.610912	0.438058
0.828295	0.759322	0.380785	0.528046	0.814374	0.651998	0.66504	0.453665	0.607486	0.496115
0.679658	0.847269	0.597682	0.670344	0.826882	0.722612	0.674697	0.360907	0.384799	0.556336
0.456731	0.697941	0.461268	0.833366	0.619951	0.653891	0.756079	0.575713	0.596534	0.480069
0.642703	0.781001	0.582602	0.571846	0.706907	0.822086	0.866821	0.415357	0.542621	0.808943
0.639915	1.125858	0.890738	0.813173	0.835426	0.886756	0.844603	0.803642	0.57781	0.691868
0.9748	0.619141	0.704412	0.66933	0.762765	0.717091	0.621462	0.694218	0.512807	0.560866
0.671613	0.401864	0.493575	0.486266	0.677943	0.680291	0.553623	0.770175	0.814496	0.600577
0.656917	0.623669	0.725632	0.675445	0.630588	0.566534	0.808594	0.739103	0.575426	0.647056
0.519361	0.527692	0.542516	0.581658	0.709052	0.453152	0.681587	0.670932	0.492044	0.532942
0.398271	0.356769	0.506511	0.499751	0.506547	0.613171	0.653729	0.48016	0.559859	0.633389
0.76707	0.656756	0.745539	0.765189	0.581434	0.700936	0.75023	0.907444	0.749525	0.798324
0.319784	0.585359	0.473263	0.521517	0.476584	0.588002	0.417156	0.744908	0.527458	0.62101
0.220033	0.346551	0.499655	0.48693	0.303018	0.65484	0.474782	0.34433	0.676708	0.677734
0.588437	0.480704	0.677983	0.609843	0.435191	0.767038	0.721023	0.521454	0.998184	0.807601
0.674612	0.633799	0.570423	0.612499	0.510612	0.482185	0.567131	0.601816	0.636595	0.650774
0.420608	0.377438	0.312911	0.414805	0.45211	0.326543	0.602035	0.540741	0.293446	0.568523
0.488876	0.307047	0.471347	0.410323	0.59943	0.481547	0.733141	0.55109	0.290558	0.682729
0.485617	0.60671	0.561704	0.606328	0.583039	0.590455	0.468663	0.601816	0.569914	0.349838
0.417267	0.431237	0.449595	0.494983	0.351173	0.515364	0.447322	0.352302	0.342944	0.431247
0.451897	0.276941	0.442978	0.392308	0.20653	0.381181	0.544122	0.433233	0.293032	0.494158
0.482383	0.284379	0.414667	0.370411	0.463563	0.482185	0.552884	0.629589	0.569132	0.510068
0.500143	0.377438	0.342197	0.358871	0.294244	0.415403	0.246999	0.542205	0.561391	0.532942
0.322006	0.390542	0.284646	0.409766	0.308112	0.378153	0.226344	0.359461	0.406268	0.365525
0.425669	0.455267	0.261633	0.413119	0.228717	0.191107	0.202657	0.518668	0.444983	0.27576
0.327837	0.361222	0.374111	0.205679	0.453898	0.412673	0.37698	0.15012	0.422678	0.50872

0.218275	0.315919	0.283404	0.290735	0.366531	0.15717	0.362942	0.215754	0.262299	0.320504
0.548381	0.387361	0.312027	0.334327	0.36119	0.242023	0.446166	0.415905	0.226797	0.371863
0.496799	0.338924	0.337489	0.494306	0.597762	0.351819	0.473551	0.620718	0.470358	0.36263
0.263727	0.164272	0.181106	0.465524	0.410717	0.236545	0.243367	0.230518	0.335127	0.384825
0.193059	0.109974	0.143575	0.264858	0.254735	0.19703	0.402825	0.251393	0.295105	0.329766
0.249925	0.270436	0.280109	0.228173	0.302596	0.295949	0.277203	0.331058	0.29386	0.369903
0.384165	0.46653	0.488905	0.421045	0.410177	0.387813	0.436467	0.269004	0.266948	0.385839
0.368019	0.362717	0.390728	0.306244	0.241715	0.266591	0.341566	0.332412	0.348078	0.277337
0.317574	0.276941	0.285476	0.266456	0.318047	0.357055	0.291511	0.319495	0.37221	0.295491
0.470934	0.33516	0.336086	0.361852	0.396878	0.477104	0.339756	0.363813	0.421565	0.398186
0.339738	0.351386	0.412435	0.316451	0.316302	0.356098	0.376488	0.212997	0.291381	0.430122
0.381602	0.290675	0.361557	0.38436	0.402149	0.304776	0.440435	0.280485	0.34996	0.365041
0.315814	0.372816	0.357616	0.257347	0.387037	0.322544	0.370147	0.406688	0.510071	0.394031
0.36114	0.430653	0.486259	0.461743	0.354012	0.400859	0.384924	0.35898	0.375198	0.347974
0.319341	0.328651	0.393916	0.365356	0.386525	0.420916	0.377472	0.406152	0.367766	0.29797
0.411207	0.286467	0.308071	0.215889	0.434048	0.360421	0.345666	0.454264	0.43226	0.288138
0.366043	0.49944	0.441785	0.332459	0.412343	0.519521	0.456677	0.533497	0.412213	0.399231
0.329647	0.331429	0.389143	0.304057	0.286862	0.405118	0.359148	0.507023	0.327001	0.272622
0.498133	0.419135	0.425427	0.365356	0.438638	0.356576	0.461432	0.451876	0.388905	0.374821
0.511709	0.345111	0.511376	0.381221	0.466628	0.456752	0.487919	0.461506	0.396187	0.540118
0.612978	0.413488	0.35032	0.371429	0.403211	0.391426	0.350268	0.404547	0.31509	0.426208
0.51102	0.312793	0.342197	0.457373	0.401619	0.437887	0.405443	0.36139	0.41604	0.448479
0.470934	0.45465	0.438818	0.356402	0.295901	0.427062	0.358205	0.343865	0.501967	0.421778
0.433085	0.587866	0.54553	0.46049	0.390637	0.336477	0.431977	0.445963	0.414943	0.408217
0.394044	0.541783	0.388089	0.35591	0.455694	0.366251	0.441575	0.450094	0.467876	0.331105
0.431362	0.445495	0.334223	0.48494	0.430638	0.35324	0.539091	0.363813	0.454476	0.55111
0.780945	0.722376	0.46754	0.545192	0.510612	0.449581	0.506078	0.582093	0.479157	0.499397
0.474084	0.516881	0.324571	0.392308	0.481649	0.401919	0.367732	0.454264	0.38531	0.470102
0.297748	0.455885	0.397665	0.467427	0.454496	0.517438	0.403347	0.387279	0.37221	0.520316
0.471562	0.383155	0.516295	0.535418	0.482286	0.568088	0.488555	0.448319	0.463567	0.482597
0.572286	0.480704	0.529208	0.457373	0.368981	0.419255	0.470489	0.36625	0.402527	0.391454
0.415605	0.504946	0.578504	0.473831	0.4722	0.482825	0.449061	0.422531	0.419346	0.312719
0.426235	0.382633	0.401446	0.563835	0.410717	0.508522	0.40755	0.597633	0.441476	0.401855
0.561327	0.50081	0.521271	0.47642	0.387037	0.397166	0.420951	0.462725	0.402527	0.38331
0.366536	0.285213	0.330982	0.378105	0.374419	0.346644	0.359621	0.460898	0.413303	0.454972
0.322006	0.319519	0.323663	0.364853	0.319798	0.415951	0.494318	0.462115	0.387361	0.490915
0.442389	0.454033	0.445372	0.342832	0.374916	0.419808	0.47974	0.417002	0.321225	0.457358
0.338348	0.39001	0.435872	0.35297	0.272071	0.440201	0.414466	0.406688	0.435693	0.440927
0.406311	0.407914	0.310264	0.452432	0.40268	0.529379	0.425878	0.549596	0.50063	0.330658
0.361628	0.428906	0.43178	0.485602	0.445615	0.574362	0.374038	0.432094	0.51487	0.303809
0.416158	0.416302	0.299405	0.286942	0.33634	0.310762	0.249559	0.420865	0.450891	0.307605
0.430217	0.357754	0.271979	0.462371	0.383975	0.348049	0.43873	0.424203	0.360942	0.397144
0.378547	0.398599	0.438818	0.493631	0.397927	0.436735	0.402303	0.362842	0.387875	0.403437
0.370503	0.36172	0.408557	0.428536	0.330006	0.369197	0.384924	0.37166	0.361911	0.45676
0.343466	0.397516	0.376666	0.35297	0.449146	0.408339	0.361516	0.418653	0.479157	0.426765
0.374506	0.527692	0.490234	0.478371	0.396355	0.446628	0.379447	0.37464	0.456881	0.33923
0.315814	0.33987	0.308947	0.311096	0.352117	0.433296	0.321626	0.398715	0.332854	0.249783

0.415053	0.331429	0.283817	0.372449	0.41616	0.381687	0.304638	0.467019	0.407343	0.354532
0.424539	0.341768	0.344095	0.410323	0.428942	0.414855	0.387941	0.433803	0.389421	0.3818
0.434237	0.369762	0.361557	0.466792	0.405342	0.419255	0.506741	0.364299	0.366295	0.409286
0.342531	0.478744	0.437637	0.343309	0.441531	0.413217	0.489191	0.444791	0.495326	0.446141
0.375009	0.388949	0.417473	0.465524	0.46786	0.451958	0.534117	0.401356	0.444396	0.41359
0.350545	0.433581	0.377179	0.325526	0.505873	0.412673	0.414466	0.454264	0.444983	0.336958
0.513091	0.399684	0.34457	0.336673	0.536558	0.44311	0.465635	0.512464	0.431122	0.435207
0.628037	0.434758	0.531398	0.411998	0.397927	0.465885	0.565609	0.517282	0.484266	0.538673
0.591741	0.384203	0.471347	0.486266	0.336796	0.363326	0.466239	0.438973	0.530306	0.448479
0.53727	0.521893	0.543268	0.516506	0.421117	0.450174	0.393016	0.262412	0.492698	0.527988
0.598425	0.513336	0.675936	0.582486	0.551257	0.532955	0.424229	0.296836	0.454476	0.495462
0.441215	0.532093	0.537292	0.520079	0.568021	0.437887	0.40755	0.370178	0.514181	0.464594
0.3715	0.591232	0.56249	0.400949	0.56185	0.499786	0.47974	0.489796	0.530306	0.460358
0.444747	0.604962	0.612421	0.56463	0.463563	0.518826	0.553623	0.387792	0.413303	0.494158
0.531459	0.465264	0.462515	0.550547	0.538732	0.420916	0.485386	0.546624	0.412758	0.494158
0.562101	0.423706	0.512075	0.440917	0.486129	0.668359	0.593043	0.594315	0.584231	0.625391
0.53727	0.524782	0.669854	0.584979	0.564925	0.774487	0.665997	0.731104	0.604087	0.598089
0.522177	0.524058	0.536551	0.606328	0.456295	0.523016	0.514774	0.462115	0.553032	0.454378
0.473452	0.451577	0.508589	0.463	0.412343	0.533673	0.491107	0.390368	0.546311	0.5047
0.54242	0.460236	0.461268	0.515795	0.505873	0.561904	0.647264	0.590202	0.619598	0.51142
0.612109	0.501497	0.507895	0.621469	0.543845	0.461599	0.512752	0.652595	0.569132	0.533654
0.695158	0.729285	0.579321	0.642833	0.665125	0.491876	0.508069	0.545885	0.600714	0.568523
0.677633	0.639425	0.732554	0.626025	0.635097	0.707326	0.681587	0.541472	0.589929	0.611526
0.629843	0.594624	0.563277	0.633415	0.597762	0.728204	0.581073	0.692143	0.581009	0.530812
0.534355	0.548621	0.647298	0.616065	0.341382	0.697776	0.432536	0.524962	0.565244	0.506035
0.479812	0.649934	0.554699	0.381221	0.475327	0.745427	0.650947	0.511098	0.423236	0.561626
0.514476	0.537284	0.619535	0.448154	0.589521	0.855476	0.786567	0.497001	0.529592	0.620139
0.549884	0.427745	0.468805	0.486266	0.540916	0.621896	0.58344	0.525666	0.47348	0.503368
0.575468	0.483332	0.512075	0.516506	0.523742	0.624548	0.619738	0.550342	0.526041	0.825374
0.76707	0.62458	0.741959	0.771545	0.802215	0.69256	0.632839	0.603501	0.605783	0.633389
0.662736	0.586193	0.505131	0.653434	0.659335	0.680291	0.610375	0.587754	0.533892	0.488982
0.500815	0.455885	0.422	0.542917	0.501852	0.694639	0.746758	0.598466	0.557572	0.514138
0.659817	0.578742	0.739588	0.680607	0.636005	0.922221	0.903264	0.669947	0.688884	0.69807
0.602655	0.65774	0.635049	0.610727	0.693219	0.660583	0.6528	0.669947	0.682754	0.595616
0.604358	0.625493	0.493575	0.495661	0.704773	0.552789	0.478495	0.58129	0.525335	0.549628
0.592571	0.473559	0.615964	0.642833	0.632386	0.595401	0.813943	0.815855	0.41167	0.708606
0.654037	0.802444	0.762647	0.732389	0.902133	0.826298	0.9184	0.961675	0.6505	0.493508
0.658848	0.7167	0.703323	0.539902	0.558037	0.68946	0.816643	0.667006	0.538235	0.492858
0.714518	0.648968	0.665846	0.595949	0.447377	0.579127	0.649102	0.567867	0.63934	0.495462
0.807367	0.885456	0.961484	0.61517	0.639655	0.715995	0.575597	0.526373	0.638423	0.648911
0.536539	0.851862	0.685222	0.632484	0.64798	0.649173	0.599564	0.526373	0.594046	0.589898
0.622662	0.633799	0.568825	0.662304	0.66222	0.587188	0.674697	0.519363	0.351377	0.497425
0.740583	0.682035	0.527754	0.740658	0.791686	0.666402	0.593852	0.506348	0.413849	0.398708
0.639915	0.76307	0.535811	0.585813	0.71446	0.748955	0.665997	0.51521	0.501967	0.584254
0.598425	0.603222	0.762647	0.667311	0.598595	0.740767	0.698788	0.600138	0.524629	0.617537
0.712324	0.579564	0.887403	0.724274	0.622586	0.764583	0.823466	0.653541	0.484266	0.537233
0.701516	0.60671	0.617746	0.667311	0.663187	0.721502	0.645435	0.657346	0.538963	0.52309

0.702585	0.714451	0.625856	0.637157	0.647047	0.788486	0.496904	0.591022	0.637508	0.496115
0.831163	0.703375	0.524861	0.658339	0.583039	0.582334	0.577155	0.643246	0.55078	0.682729
0.581095	0.647043	0.515589	0.606328	0.636005	0.6317	0.716699	0.703681	0.64862	0.652645
0.639915	0.601489	0.619535	0.548244	0.484844	0.586375	0.642705	0.711186	0.589929	0.663083
0.569126	0.54633	0.542516	0.545953	0.548277	0.565759	0.786567	0.624245	0.572268	0.717223
0.660788	0.623669	0.663856	0.741852	0.845611	0.643579	0.736506	0.637732	0.610053	0.685754
0.603506	0.650902	0.662865	0.546715	0.750767	0.839186	0.68258	0.52992	0.671734	0.620139
0.535082	0.599762	0.588404	0.581658	0.603626	0.709477	0.599564	0.554846	0.662921	0.547415
0.807367	0.739861	0.550855	0.660317	0.660294	0.638972	0.624061	0.798322	0.753089	0.628041
0.687856	0.786264	0.621332	0.577543	0.633288	0.601244	0.672748	0.695259	0.734409	0.570071
0.620885	0.586193	0.527029	0.601973	0.580633	0.475214	0.670809	0.675889	0.634774	0.585859
0.841353	0.642266	0.6739	0.688996	0.483563	0.583946	0.827612	0.660221	0.557572	0.69703
0.99321	0.744645	0.762647	0.671359	0.636915	0.687406	0.872943	0.741416	0.703535	0.685754
0.56443	0.705567	0.641602	0.613388	0.498529	0.588818	0.557333	0.582093	0.634774	0.604755
0.584343	0.659713	0.560138	0.609843	0.528682	0.392984	0.4711	0.639562	0.649559	0.50204
0.807367	0.774512	0.703323	0.79119	0.726601	0.680291	0.681587	0.797002	0.740161	0.610673
0.601805	0.654796	0.56249	0.623286	0.655517	0.715995	0.627551	0.635909	0.583424	0.580268
0.559014	0.615553	0.559356	0.657354	0.590338	0.564985	0.657467	0.58451	0.431122	0.451418
0.63899	0.502873	0.625856	0.512962	0.589521	0.579127	0.714554	0.502318	0.30477	0.582655
0.596744	0.555569	0.564855	0.580007	0.518165	0.532237	0.54557	0.566315	0.506676	0.574747
0.435971	0.573845	0.543268	0.501123	0.592799	0.538738	0.472324	0.493057	0.595703	0.498081
0.620885	0.678923	0.518421	0.616961	0.461735	0.503797	0.506741	0.502987	0.505325	0.403437
0.775848	0.977767	0.726778	0.60371	0.482286	0.504469	0.612909	0.753168	0.74132	0.549628
0.60951	0.714451	0.608908	0.537654	0.607863	0.433296	0.516127	0.639562	0.578607	0.476304
0.629843	0.417999	0.56092	0.661309	0.697385	0.442527	0.634617	0.597633	0.494668	0.527988
0.576268	0.511927	0.547804	0.73122	0.694257	0.601244	0.81126	0.554846	0.50871	0.629816
0.50896	0.512631	0.603691	0.453047	0.55501	0.562672	0.58344	0.453068	0.437997	0.530104
0.614723	0.535794	0.497619	0.444521	0.603626	0.65962	0.5725	0.552588	0.488137	0.461564
0.71562	0.702282	0.625856	0.597662	0.659335	0.57043	0.614606	0.807675	0.653335	0.406617
0.659817	0.582038	0.632271	0.575907	0.622586	0.583946	0.596291	0.667984	0.729862	0.604755
0.654037	0.472915	0.451417	0.596805	0.516092	0.459169	0.584232	0.592665	0.516943	0.564678
0.48757	0.501497	0.507203	0.612499	0.451516	0.386273	0.638193	0.513835	0.504651	0.574747
0.304114	0.417999	0.48758	0.569427	0.722147	0.52654	0.576375	0.487206	0.546311	0.563913
0.440629	0.421414	0.445372	0.434978	0.638739	0.762142	0.539806	0.413718	0.556812	0.596439
0.626238	0.608464	0.525582	0.542161	0.624351	0.650113	0.537664	0.565541	0.565244	0.455567
0.611241	0.544809	0.56092	0.641882	0.588706	0.646367	0.659348	0.667006	0.603241	0.50204
0.578675	0.529154	0.455085	0.510147	0.41452	0.474586	0.5725	0.492403	0.604934	0.545946
0.54168	0.482673	0.491568	0.520079	0.415066	0.358975	0.57019	0.324349	0.556053	0.563149
0.60951	0.486639	0.598535	0.588325	0.583844	0.564213	0.534117	0.396613	0.623121	0.498081
0.506228	0.529887	0.575254	0.508048	0.565697	0.69988	0.494963	0.353725	0.523222	0.55111
0.51102	0.520455	0.448989	0.512962	0.526558	0.5133	0.396089	0.282093	0.528168	0.500056
0.599267	0.498075	0.456931	0.574278	0.665125	0.530092	0.487919	0.667006	0.6505	0.581062
0.451897	0.513336	0.353709	0.461743	0.514029	0.444866	0.460835	0.540741	0.592395	0.598917
0.416158	0.550925	0.384944	0.539151	0.439215	0.391426	0.504755	0.524258	0.506	0.47568
0.70045	0.747057	0.461891	0.554414	0.477214	0.506491	0.694679	0.494368	0.602397	0.603917
0.522884	0.565008	0.56092	0.522238	0.476584	0.604619	0.710293	0.520756	0.657144	0.654525
0.50896	0.562629	0.601105	0.577543	0.506547	0.597896	0.48224	0.537829	0.583424	0.555585

0.577871	0.745849	0.642546	0.682689	0.679949	0.614036	0.547023	0.668965	0.602397	0.476929
0.511709	0.577104	0.651138	0.655389	0.646116	0.69988	0.633727	0.628694	0.623121	0.516873
0.617353	0.482673	0.424854	0.526587	0.506547	0.447217	0.487919	0.503657	0.328794	0.377798
0.619116	0.47035	0.422	0.61966	0.587079	0.419808	0.612909	0.532063	0.36875	0.46338
0.721169	0.592077	0.585079	0.66832	0.627904	0.628109	0.758441	0.724363	0.572268	0.589087
0.614723	0.611109	0.71657	0.559099	0.436337	0.533673	0.535532	0.509735	0.6135	0.634287
0.734783	0.699022	0.594285	0.545192	0.589521	0.6473	0.455497	0.534937	0.714311	0.646131
0.824028	0.89216	0.697921	0.684782	0.80623	0.891649	0.599564	0.750792	0.621356	0.610673
0.668633	0.584526	0.572027	0.626025	0.609569	0.656746	0.564092	0.634094	0.589111	0.610673
0.668633	0.537284	0.437637	0.595095	0.554257	0.512614	0.578718	0.573344	0.573055	0.513457
0.727922	0.682035	0.638781	0.686884	0.654567	0.559607	0.75023	0.6278	0.606634	0.670835
0.577069	0.637542	0.714334	0.642833	0.627904	0.535837	0.706074	0.60689	0.573844	0.678728
0.598425	0.655775	0.676959	0.484279	0.493919	0.646367	0.602035	0.459079	0.55228	0.666942
0.732484	0.771943	0.676959	0.597662	0.636005	0.560371	0.471711	0.666031	0.606634	0.457358
0.67261	0.761817	0.894099	0.803419	0.725483	0.809688	0.658406	0.707954	0.654284	0.527988
0.758466	0.611109	0.717693	0.651487	0.571923	0.679284	0.706074	0.592665	0.719801	0.552596
0.716724	0.595476	0.519132	0.595095	0.630588	0.474586	0.631954	0.598466	0.749525	0.618403
0.667645	0.764326	0.730234	0.657354	0.601942	0.618385	0.779053	0.767704	0.879605	0.712893
0.512399	0.700106	0.775293	0.524407	0.622586	0.69256	0.707125	0.658302	0.713222	0.701204
0.592571	0.760567	0.659903	0.468701	0.717738	0.730462	0.662185	0.672908	0.813124	0.622757
0.674612	0.829364	0.668849	0.539902	0.638739	0.701995	0.738763	0.811746	1.030846	0.630707
0.705807	0.589546	0.59683	0.604581	0.579834	0.677277	0.733141	0.660221	0.827043	0.734988
0.745281	0.556348	0.541766	0.617859	0.65362	0.614902	0.621462	0.60689	0.612636	0.512777
1.03027	0.754374	0.662865	0.836329	0.72104	0.706255	0.813943	0.668965	0.620476	0.597263
0.780945	0.839719	0.803113	0.981471	0.678945	0.743091	0.758441	0.766474	0.755482	0.691868
0.513783	0.611994	0.698996	0.671359	0.493265	0.706255	0.702937	0.621597	0.585041	0.665974
0.596744	0.584526	0.751572	0.641882	0.686023	0.759714	0.542678	0.671919	0.581009	0.605596
0.733632	0.729285	0.721077	0.686884	0.888922	0.769507	0.51953	0.817233	0.765186	0.51482
0.714518	0.566602	0.64066	0.536907	0.619077	0.732731	0.567894	0.526373	0.6135	0.628928
0.731339	0.608464	0.636911	0.573466	0.576652	0.624548	0.594664	0.591843	0.704601	0.607282
0.738254	0.76685	0.725632	0.745454	0.71446	0.622778	0.732026	0.744908	0.783987	0.597263
0.587615	0.76685	0.831375	0.670344	0.67198	0.768271	0.711354	0.693179	0.733268	0.647056
0.569914	0.748268	0.747942	0.607204	0.593622	0.861554	0.630187	0.490447	0.557572	0.639714
0.751224	0.981901	0.556246	0.602841	0.786516	0.843568	0.618878	0.678891	0.587478	0.593974
0.75483	0.668707	0.585908	0.616065	0.679949	0.904972	0.809925	0.885896	1.033114	0.958199
0.923835	0.756841	0.580958	0.699716	0.59943	0.853969	0.694679	0.667006	0.795672	0.763078
0.90638	0.786264	0.486919	0.708486	0.778874	0.762142	0.711354	0.946538	0.815872	0.713972
0.815617	0.68622	0.655012	0.830423	0.866727	0.827711	0.883869	0.734514	0.789141	0.643369
0.660788	0.611994	0.751572	0.627861	0.559558	0.782067	0.721023	0.637732	0.831307	0.596439
0.554425	0.556348	0.688362	0.542161	0.683989	0.833411	0.602862	0.660221	0.796989	0.579475
0.838417	0.87074	0.583426	0.659327	0.884069	0.840642	0.631954	0.965543	0.771363	0.654525
0.854817	0.731613	0.698996	0.636219	0.678945	0.855476	0.781543	0.744908	0.817253	0.643369
0.763362	0.636603	0.616854	0.688996	0.71446	0.713811	0.60121	0.647895	0.850285	0.660212
0.764594	0.854952	0.676959	0.834845	0.735649	0.486681	0.74907	0.756756	0.521818	0.680724
0.577871	0.773225	0.860043	0.706277	0.642412	0.577533	0.808594	0.832692	0.584231	0.683735
0.658848	0.576287	0.740772	0.609843	0.512659	0.592097	0.762008	0.6451	0.691983	0.744151
0.70045	0.729285	0.776578	0.520798	0.640572	0.756098	0.665997	0.696303	0.744817	0.707541

0.83405	0.858064	0.977539	0.846861	1.087546	0.934717	0.775343	0.930118	0.714311	0.667912
0.612109	0.556348	0.607162	0.863946	0.791686	0.796316	0.79165	0.672908	0.781433	0.629816
0.679658	0.557128	0.415227	0.719705	0.813006	0.715995	0.747912	0.678891	0.619598	0.532231
0.934655	0.688328	0.549327	0.810364	0.794295	0.715995	0.844603	0.755557	0.657144	0.556336
0.649278	0.769389	0.741959	0.515795	0.518859	0.741927	0.699822	0.629589	0.745989	0.774098
0.50896	0.838224	0.918383	0.409766	0.462343	0.943869	0.729803	0.560925	0.684788	0.875621
0.649278	1.081874	0.902617	0.6643	0.922736	0.752512	0.587416	0.798322	0.796989	0.729358
0.75483	0.768118	0.704412	0.685831	0.687044	0.721502	0.836024	0.813111	0.899198	0.763078
0.625341	0.598043	0.567232	0.633415	0.582236	0.627216	0.658406	0.879475	0.85178	0.624511
0.679658	0.605835	0.574445	0.723127	0.607012	0.575152	0.707125	0.955937	0.704601	0.589898
0.651175	0.76307	0.722211	0.73356	0.633288	0.65962	0.913295	0.862292	0.757887	0.729358
0.551393	0.659713	0.734886	0.580832	0.628797	0.688432	0.668877	0.597633	0.760307	0.875621
0.646448	0.878854	0.772734	0.575907	0.760338	0.72708	0.516127	0.575713	0.616103	0.721597
0.739417	0.916476	0.724489	0.650517	0.944365	0.796316	0.624061	0.6451	0.606634	0.846829
0.670617	0.64417	0.656962	0.542917	0.543111	0.676277	0.724295	0.523555	0.4199	0.676742
0.705807	0.604962	0.539524	0.6643	0.646116	0.473332	0.51007	0.705812	0.448518	0.516188
0.617353	0.660703	0.597682	0.817422	0.616463	0.572785	0.684573	0.716628	0.64118	0.613235
0.59507	0.639425	0.583426	0.745454	0.649852	0.704119	0.826225	0.698398	0.696148	0.664045
0.538002	0.620946	0.711002	0.589165	0.526558	0.602928	0.707125	0.598466	0.476624	0.598917
0.677633	0.827905	0.636911	0.602841	0.624351	0.61926	0.555103	0.650709	0.538235	0.647056
0.712324	0.693642	0.746739	0.745454	0.741402	0.687406	0.757258	0.839905	0.793048	0.669859
0.665675	0.569806	0.585908	0.717438	0.675946	0.677277	0.689597	0.78402	0.674712	0.513457
0.808731	0.600625	0.473904	0.695396	0.679949	0.559607	0.678621	0.755557	0.599037	0.548151
0.765831	0.717829	0.666845	0.776698	0.666098	0.61577	0.844603	0.612024	0.488786	0.687783
0.606926	0.59633	0.738408	0.688996	0.640572	0.624548	0.676654	0.614614	0.611773	0.668884
0.647389	0.574657	0.634121	0.726577	0.678945	0.722612	0.698788	0.684957	0.668777	0.700157
0.70473	0.835251	0.639719	0.73356	0.808928	0.7573	0.691623	0.944683	0.874842	0.651709
0.723408	0.722376	0.71322	0.65441	0.614729	0.69256	0.569424	0.672908	0.740161	0.737261
0.77081	0.724667	0.680039	0.694323	0.716642	0.632602	0.628428	0.669947	0.628461	0.623633
0.99741	0.712213	0.622233	0.951392	0.782679	0.671311	0.717776	0.735656	0.667795	0.628041
0.904672	0.89216	0.707694	0.785864	0.71446	0.7573	0.798089	0.733374	0.542621	0.647983
0.61385	0.708877	0.796326	0.638098	0.586268	0.763361	0.700858	0.56709	0.490738	0.609823
0.698325	0.683078	0.77146	0.575092	0.636005	0.646367	0.455497	0.554846	0.562159	0.671814
0.671613	0.742246	0.763895	0.644741	0.728846	0.664453	0.472937	0.702619	0.79044	0.683735
0.501488	0.597186	0.603691	0.571038	0.574281	0.687406	0.483496	0.489147	0.592395	0.608974
0.514476	0.664687	0.557798	0.559099	0.565697	0.597896	0.535532	0.542205	0.636595	0.541568
0.972802	0.642266	0.56249	0.807572	0.649852	0.594573	0.765604	0.616349	0.615233	0.597263
0.67261	0.591232	0.455085	0.532454	0.665125	0.61926	0.722111	0.655439	0.720908	0.560866
0.454912	0.578742	0.620432	0.474477	0.542378	0.639889	0.561828	0.542938	0.653335	0.582655
0.544646	0.588705	0.525582	0.39986	0.704773	0.731595	0.452559	0.782743	0.763961	0.575532
0.660788	0.492656	0.622233	0.473187	0.705839	0.738456	0.558826	0.684957	0.716499	0.638804
0.726789	0.582038	0.577689	0.632484	0.701591	0.617512	0.598744	0.601816	0.576219	0.519625
0.845795	0.611109	0.466909	0.70738	0.741402	0.554295	0.649102	0.580489	0.493354	0.526583
0.686823	0.678923	0.526305	0.608082	0.627904	0.607167	0.528502	0.648831	0.568352	0.639714
0.477257	0.493329	0.692585	0.55209	0.464175	0.693598	0.573272	0.487206	0.569914	0.695993
0.419491	0.609344	0.65892	0.4719	0.648915	0.69256	0.486018	0.58129	0.631155	0.662124
0.557479	0.732782	0.805858	0.602841	0.65362	0.788486	0.659348	0.670932	0.620476	0.568523

0.482383	0.485313	0.687313	0.55597	0.593622	0.665427	0.645435	0.561691	0.6505	0.545946
0.631657	0.532093	0.534335	0.537654	0.643335	0.583139	0.580286	0.6414	0.651443	0.559351
0.623553	0.575471	0.603691	0.842316	0.686023	0.592921	0.800692	0.797002	0.6135	0.715053
0.567555	0.597186	0.506511	0.737094	0.672968	0.750137	0.76681	0.619841	0.68174	0.730479
0.547631	0.569003	0.560138	0.550547	0.591977	0.639889	0.552147	0.597633	0.755482	0.716137
0.705807	0.728126	0.58757	0.558315	0.705839	0.639889	0.465032	0.757959	0.71105	0.512777
0.664693	0.557909	0.662865	0.573466	0.658377	0.856987	0.681587	0.719926	0.70674	0.495462
0.603506	0.516881	0.490234	0.531716	0.619077	0.564213	0.5292	0.557875	0.576219	0.58747
0.649278	0.731613	0.466278	0.692185	0.616463	0.520916	0.574046	0.608595	0.564471	0.588278
0.661761	0.781001	0.680039	0.749087	0.64426	0.613171	0.649102	0.673899	0.77012	0.784134
0.676624	0.711098	0.79364	0.544432	0.65362	0.69988	0.60702	0.620718	0.824223	0.715053
0.658848	0.615553	0.634121	0.572655	0.643335	0.732731	0.552884	0.578094	0.616974	0.51482
0.666659	0.574657	0.483628	0.635282	0.782679	0.597063	0.574046	0.671919	0.528168	0.579475
0.586795	0.544809	0.578504	0.557532	0.661256	0.634412	0.756079	0.714443	0.856296	0.573965
0.572286	0.591232	0.527029	0.567022	0.551257	0.497133	0.607856	0.679896	0.636595	0.519625
0.678644	0.656756	0.670862	0.694323	0.558797	0.494497	0.633727	0.626019	0.51487	0.478182
0.605213	0.620946	0.590915	0.617859	0.618204	0.537285	0.638193	0.447729	0.442059	0.499397
0.523592	0.479396	0.559356	0.626942	0.596102	0.577533	0.516806	0.445963	0.417139	0.456163
0.448307	0.509821	0.56249	0.512962	0.602783	0.652943	0.463829	0.579689	0.47098	0.528692
0.529299	0.692574	0.704412	0.579184	0.75913	0.728204	0.584232	0.818616	0.573844	0.711818
0.585976	0.538778	0.636911	0.623286	0.601103	0.668359	0.61802	0.633189	0.729862	0.641538
0.748837	0.582038	0.471347	0.516506	0.474073	0.588002	0.60702	0.648831	0.672724	0.595616
0.811472	0.706668	0.535811	0.75521	0.59943	0.602928	0.57019	0.570206	0.54854	0.711818
0.455517	0.61377	0.550855	0.67957	0.790388	0.703056	0.581073	0.693179	0.761521	0.708606
0.502162	0.54633	0.65404	0.505264	0.540187	0.735012	0.695703	0.489796	0.728732	0.610673
0.724532	0.641317	0.483628	0.427375	0.511976	0.707326	0.667915	0.498987	0.6505	0.484502
0.665675	0.666692	0.662865	0.572655	0.652675	0.6723	0.576375	0.679896	0.728732	0.61927
0.57948	0.530621	0.64066	0.702984	0.528682	0.608019	0.535532	0.496342	0.714311	0.573965
0.602655	0.557128	0.635049	0.725424	0.607863	0.546076	0.692639	0.713355	0.656189	0.548889
0.783516	0.788919	0.701154	0.626025	0.580633	0.565759	0.808594	0.731104	0.684788	0.638804
0.677633	0.687273	0.689414	0.512256	0.607012	0.617512	0.680596	0.580489	0.820028	0.676742
0.662736	0.626408	0.752788	0.566223	0.588706	0.594573	0.596291	0.509056	0.817253	0.577105
0.758466	0.564214	0.609784	0.710707	0.723256	0.546076	0.496256	0.736802	0.680729	0.580268
0.716724	0.545569	0.693647	0.749087	0.821278	0.712724	0.610375	0.772659	0.740161	0.636992
0.534355	0.592077	0.557021	0.593393	0.675946	0.655792	0.747912	0.761588	0.66976	0.635187
0.701516	0.983982	0.751572	0.792532	0.678945	0.547559	0.871405	0.794375	0.616103	0.814351
0.587615	0.760567	0.747942	0.714059	0.760338	0.754899	0.786567	0.716628	0.780161	0.765503
0.600958	0.503563	0.645391	0.520798	0.563384	0.800285	0.650947	0.660221	0.733268	0.703306
0.751224	0.714451	0.622233	0.426217	0.589521	0.683326	0.554362	0.728845	0.717597	0.548889
0.87186	0.721235	0.698996	0.542161	0.826882	0.64173	0.607856	0.882673	0.720908	0.527988
0.676624	0.583695	0.621332	0.552863	0.626124	0.603772	0.68758	0.753168	0.760307	0.700157
0.569126	0.492656	0.564065	0.75521	0.551257	0.497133	0.664087	0.700504	0.629357	0.681726
0.77081	0.633799	0.668849	0.814585	0.476584	0.404049	0.808594	0.860763	0.575426	0.832409
0.665675	0.711098	0.77019	0.665301	0.755526	0.788486	0.724295	0.706882	0.740161	0.738402
0.574671	0.691508	0.786998	0.65441	0.740245	0.751323	0.685573	0.675889	0.820028	0.638804
0.737094	0.682035	0.667846	0.629704	0.882464	0.600405	0.651872	0.787874	0.553785	0.360711
0.729058	0.651872	0.656962	0.624197	0.710128	0.745427	0.66504	0.717725	0.616974	0.443816

0.726789	0.664687	0.65307	0.678535	0.698433	0.608019	0.516806	0.626909	0.646748	0.632493
0.709053	0.62458	0.44778	0.875178	0.72104	0.479638	0.60452	0.696303	0.573055	0.639714
0.635308	0.601489	0.492905	0.605454	0.676944	0.603772	0.815291	0.69945	0.643028	0.748806
0.637145	0.516881	0.691525	0.629704	0.598595	0.776999	0.698788	0.604346	0.674712	0.686767
0.71562	0.573845	0.65404	0.553638	0.718836	0.743091	0.626676	0.624245	0.68174	0.542294
0.881446	0.770664	0.665846	0.584146	0.866727	0.629901	0.544122	0.633189	0.576219	0.366979
0.829726	0.805201	0.786998	0.596805	0.551257	0.643579	0.591427	0.577299	0.666816	0.525882
0.79927	0.707771	0.605423	0.810364	0.692184	0.61577	0.737633	0.84724	0.725362	0.665008
0.839883	0.597186	0.538779	0.797941	0.65362	0.7573	0.895077	0.717725	0.602397	0.713972
0.790011	0.65774	0.661875	0.595949	0.543111	0.740767	0.664087	0.642322	0.646748	0.683735
0.800609	0.708877	0.66485	0.477069	0.472824	0.86617	0.612909	0.599301	0.668777	0.573183
0.780945	0.771943	0.606291	0.533934	0.701591	0.680291	0.506741	0.642322	0.827043	0.492858
0.825445	0.64037	0.737231	0.562251	0.750767	0.651054	0.639992	0.589385	0.998184	0.694958
0.641772	0.707771	0.724489	0.543674	0.546795	0.674284	0.676654	0.560925	0.637508	0.680724
0.795278	0.87235	0.669854	0.655389	0.523742	0.562672	0.68758	0.716628	0.632961	0.740692
0.757251	0.652845	0.52848	0.609843	0.632386	0.655792	0.754903	0.729973	0.658102	0.613235
0.623553	0.615553	0.59344	0.587486	0.549764	0.823485	0.697757	0.539283	0.642103	0.691868
0.597583	0.700106	0.672885	0.468063	0.565697	0.846515	0.573272	0.541472	0.658102	0.722697
0.732484	0.904148	0.726778	0.607204	0.783954	0.834847	0.633727	0.806326	0.817253	0.736123
0.727922	0.730448	0.754008	0.604581	0.635097	0.691524	0.754903	0.866911	0.775112	0.730479
0.705807	0.778394	0.641602	0.641882	0.607863	0.602928	0.647264	0.712269	0.576219	0.618403
0.775848	0.72352	0.610661	0.739467	0.711207	0.552038	0.612062	0.595142	0.619598	0.597263
0.662736	0.695786	0.71657	0.865533	0.734508	0.770747	0.589016	0.58451	0.761521	0.707541
0.638066	0.630088	0.824136	0.753978	0.592799	0.779526	0.657467	0.395566	0.619598	0.74531
0.521472	0.777096	0.835778	0.633415	0.669029	0.8193	0.646349	0.596801	0.630255	0.593974
0.523592	0.751921	0.955614	0.820278	0.853035	0.86617	0.694679	0.631386	0.620476	0.652645
0.540942	0.601489	0.610661	0.545953	0.67198	0.797635	0.865304	0.664086	0.576219	0.632493
0.586795	0.619141	0.459404	0.529511	0.656468	0.61577	0.674697	0.676887	0.657144	0.570071
1.028	0.957668	0.674917	0.624197	0.637826	0.729332	0.610375	0.665057	0.610912	0.486416
0.989051	0.618241	0.597682	0.627861	0.589521	0.737305	0.5292	0.559397	0.647683	0.527285
0.630749	0.510521	0.706597	0.563042	0.499192	0.618385	0.690609	0.494368	0.581009	0.521008
0.577069	0.783624	0.801747	0.4719	0.627013	0.649173	0.593852	0.589385	0.636595	0.484502
0.628939	0.758079	0.6739	0.594243	0.646116	0.607167	0.596291	0.531348	0.567573	0.585859
0.592571	0.573845	0.62951	0.554414	0.585459	0.682312	0.484755	0.465174	0.522519	0.558595
0.585976	0.623669	0.569623	0.538402	0.583844	0.608874	0.593043	0.611164	0.607486	0.516873
0.669624	0.659713	0.55009	0.544432	0.680956	0.63532	0.634617	0.659261	0.64118	0.595616
0.636225	0.59633	0.65794	0.671359	0.568799	0.568088	0.645435	0.540741	0.570697	0.592339
0.623553	0.653819	0.639719	0.561461	0.586268	0.563442	0.544122	0.511098	0.599037	0.551852
0.757251	0.838224	0.889067	0.55209	0.676944	0.758505	0.576375	0.557116	0.791742	0.711818
0.648333	0.611994	0.688362	0.608082	0.637826	0.668359	0.636401	0.579689	0.612636	0.618403
0.611241	0.579564	0.495592	0.390707	0.64426	0.549793	0.536952	0.673899	0.610912	0.480699
0.602655	0.598043	0.567232	0.490938	0.646116	0.595401	0.542678	0.654489	0.624894	0.38432
0.474084	0.529154	0.641602	0.607204	0.551257	0.571214	0.618878	0.677888	0.709969	0.554836
0.544646	0.428906	0.521987	0.757683	0.577446	0.499786	0.648182	0.596801	0.492044	0.552596
0.637145	0.434758	0.661875	0.620564	0.548277	0.540926	0.538377	0.430958	0.524629	0.566212
0.8033	0.638482	0.892415	0.588325	0.619077	0.812413	0.804625	0.602658	0.660023	0.719405
0.703656	0.694713	0.736057	0.647619	0.522341	0.72708	0.780296	0.647895	0.598201	0.544481

0.577871	0.642266	0.669854	0.574278	0.522341	0.601244	0.58344	0.600138	0.619598	0.543022
0.655955	0.76685	0.62951	0.547479	0.693219	0.669341	0.617164	0.710106	0.705669	0.543022
0.699386	0.692574	0.737231	0.682689	0.647047	0.520916	0.659348	0.595142	0.498634	0.544481
0.756039	0.642266	0.544021	0.895137	0.672968	0.504469	0.612062	0.612886	0.441476	0.532231
0.868711	0.538778	0.652103	0.739467	0.477214	0.600405	0.679607	0.489796	0.40896	0.554088
0.938322	0.736307	0.800385	0.741852	0.445615	0.650113	0.826225	0.667984	0.647683	0.764288
0.734783	0.687273	0.656962	0.749087	0.643335	0.608874	0.599564	0.591022	0.775112	0.637897
0.70473	0.599762	0.644441	0.779297	0.637826	0.617512	0.533411	0.438973	0.676708	0.543751
0.765831	0.696862	0.77019	0.806183	0.663187	0.649173	0.663135	0.600138	0.699299	0.527988
0.76956	0.755606	0.635049	0.73356	0.664155	0.492529	0.609534	0.729973	0.610053	0.506035
1.10998	0.990288	0.663856	0.633415	0.701591	0.401389	0.517485	0.689048	0.585041	0.5047
0.925619	0.707771	0.749148	0.756445	0.699483	0.532955	0.663135	0.670932	0.544093	0.679725
0.650226	0.703375	0.762647	0.957243	0.839762	0.861554	0.982855	0.825597	0.684788	0.684744
0.667645	0.782311	0.733718	0.793878	0.704773	0.775742	0.688587	0.638646	0.765186	0.45676
0.681693	0.568201	0.655012	0.657354	0.594447	0.63532	0.60121	0.49175	0.63934	0.593156
0.807367	0.830829	0.940336	0.73356	0.670011	0.877133	0.868344	0.62336	0.748343	0.630707
0.647389	0.720097	0.704412	0.732389	0.796919	0.784623	0.874488	0.78147	0.759095	0.577893
0.67261	0.759322	0.475188	0.488929	0.765205	0.640809	0.541958	0.649769	0.603241	0.505367
0.842829	1.066465	0.494247	0.673397	0.718836	0.694639	0.710293	0.646029	0.50939	0.694958
0.886319	1.181328	0.884093	1.18085	1.06992	1.059777	0.880719	0.897366	0.835614	0.843906
0.60951	0.699022	0.691525	0.705177	0.655517	0.79108	0.678621	0.612886	0.69302	0.665974
0.762133	0.737488	0.65892	0.802043	0.601103	0.523016	0.702937	0.586129	0.486843	0.61927
1.596275	1.134625	1.060646	1.392608	0.893829	0.741927	1.046913	0.703681	0.57781	0.795709
0.744102	0.735129	0.877548	1.066018	1.229073	1.005362	1.020146	1.019238	0.798311	0.758268
0.628037	0.718961	0.817014	0.685831	0.802215	0.908367	0.786567	0.655439	0.569914	0.576318
0.936485	1.039561	0.994209	0.750305	0.743724	0.80429	0.719938	0.630486	0.604934	0.483231
0.683738	0.880495	1.142091	0.849918	0.890551	0.938355	0.733141	0.719926	0.807679	0.585859
0.744102	0.777096	0.8114	0.78719	0.612142	0.714902	0.679607	0.616349	0.666816	0.596439
0.909815	0.914693	0.667846	0.706277	0.610425	0.6813	0.712418	0.68394	0.687857	0.655467
1.27816	0.838224	0.705503	0.959211	0.888922	0.86617	0.868344	0.916025	0.804982	0.939653
0.932833	0.702282	0.768924	0.768992	0.953705	1.074517	0.567131	0.716628	0.834174	0.842452
0.666659	0.559477	0.702237	0.525132	0.609569	1.156808	0.712418	0.558636	0.754284	0.632493
0.674612	0.940342	0.940336	0.60371	0.810283	0.934717	0.874488	0.842824	0.682754	0.530812
0.806007	0.721235	0.920171	0.714059	0.726601	0.861554	0.943046	0.834125	0.786557	0.77534
0.678644	0.667698	0.768924	0.724274	0.66222	0.632602	0.695703	0.559397	0.631155	0.883526
0.732484	0.787589	0.636911	0.814585	0.637826	0.554295	0.480363	0.608595	0.514181	0.583454
1.254645	0.851862	0.831375	1.016033	0.814374	0.801616	0.75373	1.006244	0.587478	0.509393
0.908094	0.782311	0.879175	0.785864	0.666098	1.02946	1.063324	1.106603	0.935768	0.734988
0.574671	0.625493	0.797675	0.675445	0.503858	0.679284	0.819359	0.728845	0.835614	0.852734
0.677633	0.832298	0.84926	0.728892	0.676944	0.728204	0.787833	0.681913	0.74132	0.736123
0.688891	0.659713	0.71322	0.781912	0.912312	0.922221	0.978902	0.815855	1.024114	1.053124
0.718941	0.788919	0.583426	0.605454	0.560321	0.575152	0.694679	0.576505	0.733268	0.802275
0.777117	0.764326	0.645391	0.475124	0.601942	0.639889	0.531301	0.504328	0.642103	0.662124
1.107254	0.949882	0.90434	0.681647	1.225528	1.005362	0.799388	0.851701	0.684788	0.604755
1.025742	0.805201	0.864748	0.865533	0.869829	1.084629	0.780296	0.910856	1.091418	0.767941
0.9748	0.711098	0.676959	1.009339	0.606163	0.758505	0.81126	0.585319	0.756683	0.760666
0.562101	0.76307	0.789643	0.725424	0.576652	0.648236	0.851883	0.543673	0.64862	0.985572

0.747648	0.680995	0.824136	0.795228	0.603626	0.811048	1.103343	0.897366	0.791742	0.815714
0.547631	0.645126	0.714334	0.763929	0.862115	0.728204	0.660292	0.820004	0.488786	0.679725
0.604358	0.537284	0.725632	0.647619	0.865184	0.719291	0.580286	0.563997	0.501967	0.581858
0.765831	0.912918	0.885745	0.692185	0.912312	0.686382	0.735381	0.665057	0.844357	0.628041
0.711231	0.806585	0.792304	0.783225	0.781407	0.738456	0.831797	0.674893	0.720908	0.93424
0.669624	0.603222	0.582602	0.73122	0.792989	0.643579	0.75256	0.607742	0.55228	0.667912
0.725659	0.527692	0.585908	0.547479	0.659335	0.632602	0.717776	0.532063	0.573844	0.654525
0.831163	0.607586	0.674917	0.682689	0.718836	0.741927	0.874488	0.754361	0.921471	0.936037
0.677633	0.658725	0.54553	0.658339	0.554257	0.629901	0.815291	0.969446	0.782708	0.883526
0.644571	0.661696	0.573637	0.562251	0.583844	0.6723	0.502122	0.577299	0.54557	0.506035
0.707969	0.959637	0.812797	0.671359	0.893829	0.855476	0.689597	0.825597	0.780161	0.671814
0.721169	0.743444	0.927396	0.987745	0.902133	1.097609	1.113952	1.019238	1.135146	1.159449
0.777117	0.720097	0.581779	0.793878	0.893829	0.592921	0.60121	0.750792	0.540422	0.918394
0.694107	0.656756	0.544021	0.621469	0.66222	0.602085	0.577935	0.557116	0.599037	0.875621
0.608647	0.618241	0.8114	0.842316	0.775103	0.822086	0.8126	0.798322	0.897531	0.93424
0.808731	0.754374	0.565646	0.693253	0.717738	0.796316	1.075439	0.923014	0.670746	0.602244
0.606069	0.61466	0.463766	0.508746	0.469096	0.759714	0.68258	0.600138	0.74132	0.609823
0.483674	0.643217	0.632271	0.684782	0.439215	0.792383	0.815291	0.629589	0.782708	0.656412
0.573874	0.629165	0.879175	0.876807	0.706907	0.996921	1.122082	0.857721	1.210298	1.004125
0.783516	0.745849	0.677983	0.783225	0.673959	0.63623	0.817999	0.955937	0.817253	0.733857
0.626238	0.687273	0.476476	0.584146	0.729972	0.592097	0.615457	0.78147	0.671734	0.647056
0.653081	0.708877	0.529208	0.813173	0.795605	0.573573	0.805944	0.626909	0.701412	0.918394
0.916768	0.916476	0.762647	0.932437	0.922736	0.834847	0.677636	0.824192	0.82846	0.881933
0.592571	0.558692	0.719946	0.789853	0.57114	0.735012	0.460238	0.554846	0.634774	0.664045
0.614723	0.432994	0.77019	0.719705	0.480377	0.684342	0.589016	0.478258	0.628461	0.670835
0.610374	0.658725	1.011545	0.799304	0.664155	0.881918	0.848956	0.620718	0.912769	0.909835
0.645509	0.717829	0.516295	0.571846	0.790388	0.750137	0.683575	0.667006	0.802301	0.888339
0.577069	0.623669	0.370559	0.474477	0.727722	0.773237	0.679607	0.839905	0.698246	0.581858
0.783516	0.56105	0.445372	0.763929	0.75314	0.525127	0.846049	0.748429	0.628461	0.674764
0.757251	0.761817	0.566438	0.896843	0.910599	0.735012	1.092987	0.817233	0.818638	0.661167
0.631657	0.690446	0.544775	0.568624	0.716642	0.560371	0.792931	0.672908	0.757887	0.488339
0.552149	0.564214	0.517711	0.459241	0.557278	0.596231	0.695703	0.601816	0.635683	0.52309
0.835501	0.535794	0.711002	0.528046	0.66222	0.861554	0.569424	0.561691	0.592395	0.828174
0.796604	0.768118	0.746739	0.640933	0.792989	0.79369	0.580286	0.754361	0.775112	0.771625
0.548381	0.724667	0.627679	0.427375	0.65362	0.731595	0.514774	0.632286	0.777629	0.651709
0.710141	0.753146	0.557798	0.630629	0.617332	0.630799	0.655594	0.668965	0.717597	0.694958
0.929211	1.111629	0.761402	0.880083	0.763983	0.680291	0.836024	1.001998	0.873266	0.909835
0.635308	0.570611	0.630428	0.590008	0.612142	0.61664	0.700858	0.671919	0.782708	0.668884
0.546136	0.458989	0.576876	0.487596	0.4654	0.591275	0.610375	0.520059	0.461734	0.564678
0.741753	0.730448	0.852314	0.659327	0.516782	0.72484	0.759627	0.554846	0.559859	0.770393
0.774583	0.839719	0.781757	0.772828	0.723256	0.826298	0.588215	0.676887	0.748343	0.736123
0.500815	0.658725	0.801747	0.620564	0.514716	0.715995	0.46203	0.556358	0.589111	0.530812
0.601805	0.612881	0.592597	0.578363	0.603626	0.55505	0.511409	0.583703	0.55078	0.374821
0.751224	0.595476	0.56092	0.627861	0.750767	0.527957	0.588215	0.726598	0.623121	0.500716
0.63899	0.557128	0.482319	0.494983	0.564154	0.514675	0.526415	0.566315	0.631155	0.600577
0.628037	0.558692	0.481014	0.508746	0.608715	0.523719	0.580286	0.607742	0.50939	0.575532
0.695158	0.531356	0.602827	0.657354	0.56647	0.51193	0.737633	0.585319	0.436844	0.554088

0.625341	0.656756	0.684181	0.614278	0.552754	0.534393	0.663135	0.69945	0.580207	0.603079
0.546136	0.566602	0.733718	0.641882	0.516092	0.419808	0.492388	0.533497	0.467876	0.579475
0.472821	0.673785	0.721077	0.61517	0.583844	0.603772	0.494318	0.561691	0.482343	0.510068
0.502837	0.653819	0.564855	0.576724	0.640572	0.486681	0.383923	0.582093	0.701412	0.642452
0.577069	0.464632	0.580139	0.50735	0.467244	0.533673	0.459048	0.487852	0.633866	0.554088
0.473452	0.389479	0.537292	0.494983	0.447965	0.546817	0.458454	0.473227	0.530306	0.493508
0.559014	0.416867	0.452026	0.549778	0.558037	0.492529	0.486018	0.631386	0.46418	0.434639
0.527865	0.541783	0.601105	0.639986	0.602783	0.603772	0.490467	0.657346	0.559859	0.530812
0.473452	0.458989	0.588404	0.612499	0.495231	0.579127	0.640894	0.502318	0.469115	0.568523
0.46843	0.547856	0.550855	0.462371	0.532244	0.520218	0.518847	0.547365	0.503307	0.485777
0.558246	0.729285	0.572027	0.563835	0.698433	0.648236	0.508735	0.58694	0.569914	0.553342
0.499472	0.551695	0.446575	0.506654	0.540916	0.623662	0.647264	0.573344	0.647683	0.535798
0.460391	0.565008	0.490234	0.369902	0.475327	0.555806	0.541958	0.514522	0.525335	0.492858
0.506228	0.567401	0.546287	0.50181	0.54902	0.490571	0.466843	0.550342	0.393051	0.387872
0.636225	0.669718	0.730234	0.626942	0.538732	0.513987	0.589818	0.498324	0.418793	0.460358
0.621773	0.475496	0.563277	0.558315	0.531529	0.544599	0.578718	0.436094	0.411126	0.50872
0.592571	0.479396	0.446575	0.578363	0.582236	0.544599	0.512752	0.416453	0.436844	0.605596
0.479172	0.39482	0.62951	0.73122	0.636915	0.572785	0.498202	0.447729	0.585852	0.639714
0.577871	0.425432	0.668849	0.62511	0.5052	0.520218	0.623193	0.467019	0.55228	0.518936
0.616475	0.620946	0.561704	0.478371	0.519553	0.57043	0.654661	0.51659	0.55153	0.538673
0.500815	0.654796	0.500335	0.520798	0.694257	0.599567	0.563336	0.713355	0.591571	0.602244
0.626238	0.551695	0.556246	0.643786	0.657422	0.596231	0.723202	0.665057	0.627566	0.653584
0.757251	0.641317	0.582602	0.793878	0.598595	0.503797	0.624931	0.643246	0.456881	0.588278
0.659817	0.550925	0.580139	0.688996	0.529392	0.605466	0.534824	0.483349	0.488786	0.677734
0.693059	0.621852	0.880808	0.667311	0.540187	0.849481	0.76681	0.493712	0.632961	0.740692
0.735937	0.670731	0.655012	0.644741	0.674951	0.683326	0.779053	0.533497	0.480428	0.577105
0.650226	0.619141	0.585079	0.503879	0.574281	0.614902	0.574046	0.557116	0.685808	0.644288
0.536539	0.717829	0.796326	0.618759	0.709052	0.788486	0.646349	0.618965	0.739004	0.790526
0.581904	0.641317	0.774012	0.737094	0.667073	0.795001	0.800692	0.624245	0.523925	0.654525
0.532904	0.589546	0.564855	0.620564	0.64798	0.53656	0.612062	0.68394	0.547053	0.593974
0.562101	0.491983	0.547804	0.716309	0.552005	0.553541	0.715625	0.616349	0.443811	0.668884
0.788704	0.517593	0.65892	0.622377	0.564925	0.697776	1.009462	0.870018	0.514181	0.574747
0.782229	0.615553	0.538035	0.568624	0.619077	0.637142	0.618878	0.593489	0.569914	0.539395
0.592571	0.504946	0.554699	0.595949	0.497868	0.602085	0.533411	0.453068	0.631155	0.637897
0.535082	0.533569	0.512776	0.597662	0.538732	0.840642	0.654661	0.671919	0.672724	0.568523
0.573874	0.523335	0.358598	0.541407	0.536558	0.653891	0.656529	0.6414	0.47098	0.463986
0.477257	0.571417	0.437637	0.482959	0.525852	0.524422	0.463829	0.575713	0.442059	0.429
0.526436	0.629165	0.573637	0.514376	0.482924	0.485392	0.599564	0.549596	0.410042	0.520316
0.701516	0.482673	0.458166	0.520079	0.554257	0.502456	0.589818	0.617219	0.514181	0.592339
0.669624	0.551695	0.47071	0.508048	0.501185	0.562672	0.534824	0.497001	0.507353	0.573183
0.464083	0.44731	0.560138	0.568624	0.442112	0.564985	0.548481	0.445377	0.424354	0.470102
0.633479	0.53803	0.696848	0.49702	0.391154	0.652943	0.636401	0.665057	0.616103	0.467645
0.87186	0.782311	0.674917	0.518647	0.548277	0.637142	0.629307	0.844291	0.766414	0.453192
0.53581	0.678923	0.585079	0.574278	0.545318	0.667379	0.613756	0.658302	0.599875	0.560866
0.727922	0.638482	0.503069	0.688996	0.615595	0.543126	0.564092	0.517974	0.553032	0.628041
1.048868	0.856505	0.667846	0.596805	0.580633	0.509882	0.503437	0.484631	0.458089	0.467033
0.934655	0.669718	0.650175	0.67442	0.583039	0.505816	0.639091	0.709029	0.50063	0.665974

0.886319	0.638482	0.685222	0.780602	0.665125	0.547559	0.784048	0.753168	0.570697	0.85872
0.753625	0.87559	1.036571	0.876807	0.890551	0.888381	0.859288	0.894057	0.867018	0.817081
0.791322	0.981901	0.942217	0.690057	0.80623	1.057368	0.679607	0.739103	0.854785	0.767941
0.931018	0.877219	0.869504	0.695396	0.819889	0.870834	0.75256	0.848722	0.825631	0.606438
1.044144	1.003181	1.046042	0.928743	0.99737	0.93291	0.865304	0.946538	0.647683	0.540842
0.931018	0.882142	0.817014	1.068547	0.842676	0.87555	0.967256	0.676887	0.740161	0.833829
0.876626	0.754374	0.537292	0.975286	0.882464	0.780795	0.860784	1.023657	0.776369	1.008358
0.925619	0.940342	0.519132	0.977338	0.971041	1.027213	0.984845	0.937339	0.765186	1.23851
1.00165	1.016469	0.819849	1.140103	1.025398	1.092371	0.772888	0.800974	0.948675	0.799637
0.856339	0.693642	0.855389	0.928743	0.627904	0.813781	0.672748	0.946538	0.973715	0.802275
0.727922	0.822117	0.897486	0.900274	0.781407	0.834847	0.559574	1.186021	0.937588	0.712893
0.581904	1.187952	0.961484	0.936162	0.880864	1.072025	0.911607	0.791763	0.732129	0.891578
0.800609	0.7507	0.55009	0.75521	0.614729	0.688432	0.795502	0.842824	0.776369	0.899781
0.714518	0.489971	0.462515	0.694323	0.623468	0.500452	0.577155	0.961675	0.850285	0.835255
0.62	0.70447	0.682105	0.712939	0.810283	0.568867	0.457861	1.048799	0.777629	0.779087
0.71562	0.736307	0.734886	1.009339	0.893829	0.863087	0.883869	0.734514	0.814496	0.799637
0.870282	0.725817	0.703323	0.905471	0.844141	0.856987	1.053871	0.707954	0.835614	0.875621
0.618234	0.489303	0.692585	0.971211	0.669029	0.787194	0.751393	0.677888	1.054071	0.643369
0.618234	0.552467	0.837255	0.932437	0.819889	0.951331	0.895077	0.890774	1.280653	0.89484
0.746463	0.668707	0.814198	0.671359	0.616463	0.65866	0.779053	0.873147	0.696148	0.665008
0.59507	0.695786	0.695778	0.572655	0.676944	0.745427	0.536952	0.762804	0.871696	0.667912
0.632567	0.761817	0.641602	0.481643	0.737941	0.719291	0.591427	0.900699	1.008801	0.695993
0.951408	0.758079	0.59683	0.636219	0.627013	0.63623	0.702937	0.707954	0.767646	0.712893
0.83405	0.646083	0.64066	0.690057	0.681964	0.65962	0.660292	0.492403	0.596534	0.718313
0.782229	0.467164	0.663856	0.708486	0.607863	0.798958	0.690609	0.590202	0.935768	0.946977
0.815617	0.638482	0.709896	0.708486	0.601103	0.79369	0.898333	0.771415	0.691983	0.753511
0.634392	0.680995	0.722211	0.626942	0.614729	0.646367	0.660292	0.608595	0.687857	0.692896
0.484321	0.661696	0.841718	0.771545	0.669029	0.849481	0.841724	0.716628	0.806328	0.771625
0.631657	0.706668	0.776578	0.631555	0.634192	0.73961	0.662185	0.924779	0.954327	0.755883
0.839883	0.724667	0.526305	0.642833	0.713373	0.751323	0.780296	0.983388	0.651443	0.742995
0.723408	0.603222	0.541017	0.655389	0.755526	0.79108	0.869872	0.800974	0.547796	0.665008
0.756039	0.554791	0.662865	0.821713	0.749585	0.706255	0.948514	0.686998	0.569914	0.814351
0.881446	0.687273	0.831375	0.818848	0.9055	0.743091	0.771666	0.848722	0.698246	0.603917
0.664693	0.502184	0.635979	0.584146	0.625237	0.710557	0.587416	0.55109	0.570697	0.608127
0.71562	0.519738	0.686266	0.642833	0.474073	0.622778	0.525721	0.470112	0.642103	0.685754
0.760907	0.533569	0.925578	0.643786	0.581434	0.663482	0.60369	0.661184	0.713222	0.845365
0.844309	0.631012	0.683142	0.783225	0.9055	0.722612	0.689597	0.719926	0.700354	0.612379
0.748837	0.760567	0.615964	0.783225	0.985019	0.7466	0.573272	0.680903	0.544831	0.61927
0.790011	0.844233	0.610661	0.852996	0.736794	0.648236	0.690609	0.773907	0.530306	0.904779
0.590913	0.748268	0.558577	0.554414	0.680956	0.597896	0.517485	0.757959	0.687857	0.755883
0.585976	0.823557	0.646344	0.552863	0.627904	0.540196	0.547023	0.548851	0.433973	0.736123
0.676624	0.611994	0.685222	0.814585	0.605316	0.515364	0.754903	0.638646	0.621356	0.901441
0.638066	0.586193	0.777867	0.78719	0.731102	0.714902	0.614606	0.667984	0.889291	0.78668
0.706886	0.639425	0.65404	0.541407	0.66805	0.788486	0.705026	0.865366	0.894216	0.611526
0.77081	0.76685	0.644441	0.607204	0.808928	0.723725	0.79165	0.997793	0.800967	0.603079
0.77081	0.699022	0.577689	0.705177	0.857551	0.61926	0.757258	1.023657	0.766414	0.577893
0.648333	0.639425	0.727927	0.647619	0.607012	0.591275	0.760816	0.711186	0.654284	0.637897

0.56834	0.64417	0.714334	0.712939	0.616463	0.469593	0.851883	0.748429	0.562159	0.901441
0.740583	0.663687	0.573637	0.747873	0.83399	0.674284	1.06572	0.860763	0.674712	0.878766
0.99741	0.839719	0.860043	0.807572	1.06016	1.084629	0.653729	0.737951	0.859332	0.749978
0.687856	0.907634	0.944106	0.513668	0.773854	0.894941	0.563336	0.706882	0.954327	0.76187
0.692013	0.845748	0.927396	0.662304	0.824071	0.840642	0.525029	1.131496	0.857811	0.728241
0.674612	1.089789	0.77146	0.789853	1.052982	1.139055	0.738763	0.942835	0.948675	0.880347
0.765831	0.822117	0.815604	0.763929	0.795605	0.858504	0.727591	0.740258	0.661953	0.765503
0.819802	0.893853	0.899189	0.981471	0.818503	0.562672	0.91499	0.923014	0.511437	0.85125
0.904672	0.687273	0.65307	0.917847	0.931618	0.79108	1.46694	1.034905	0.749525	0.803601
0.844309	0.89216	0.71211	0.66933	0.707978	0.775742	1.009462	0.785301	0.847311	0.737261
0.628037	0.694713	0.740772	0.700803	0.619951	0.813781	0.8126	0.653541	0.751898	0.638804
0.714518	0.885456	0.844719	0.653434	0.993214	0.942023	0.744459	0.803642	0.766414	0.583454
0.400935	0.814988	0.746739	0.71857	1.01658	0.906666	0.690609	0.686998	0.771363	0.709674
0.549884	0.631012	0.733718	0.732389	0.579036	0.840642	0.668877	0.762804	0.66976	0.584254
0.624446	0.79159	0.718818	0.705177	0.541646	0.741927	0.747912	0.877884	0.573844	0.618403
0.62	0.87559	0.564855	0.693253	0.553505	0.842103	0.860784	0.612024	0.636595	0.785405
0.645509	0.706668	0.776578	0.715182	0.606163	0.741927	0.664087	0.495025	0.617847	0.763078
0.831163	0.623669	0.9009	0.751526	0.629691	0.783343	0.655594	0.619841	0.771363	0.623633
0.779665	0.916476	0.914829	0.575092	0.789094	0.896597	0.673722	0.714443	0.889291	0.736123
0.734783	0.851862	0.745539	0.536907	0.619077	0.694639	0.701896	0.72772	0.679721	0.704361
0.63899	0.641317	0.674917	0.575092	0.64798	0.610588	0.674697	0.767704	0.700354	0.611526
0.514476	0.80382	0.662865	0.687939	0.75314	0.562672	0.585026	0.740258	0.536782	0.465812
0.633479	0.795629	0.731393	0.732389	0.659335	0.645436	0.610375	0.613749	0.69302	0.572403
0.821206	0.7507	0.846228	0.762673	0.467244	0.678279	0.597107	0.463336	0.54557	0.625391
0.817008	0.616447	0.90434	0.711822	0.592799	0.577533	0.51953	0.487852	0.526041	0.573183
0.666659	0.652845	0.84926	0.492282	0.685005	0.6813	0.642705	0.725479	0.654284	0.753511
0.696211	0.634731	0.633195	0.710707	0.760338	0.719291	0.578718	0.541472	0.536782	0.536515
0.570703	0.572225	0.652103	0.711822	0.72104	0.65866	0.602862	0.554846	0.538963	0.472572
0.646448	0.779696	0.799028	0.516506	0.800885	0.632602	0.431419	0.842824	0.481065	0.076818
0.61385	0.955709	0.703323	0.590851	0.857551	0.752512	0.644523	0.87158	0.679721	0.275366
0.828295	0.688328	0.704412	0.631555	0.586268	0.621015	0.786567	0.710106	0.558333	0.710745
0.778389	0.514043	0.529937	0.746662	0.580633	0.448989	0.741032	0.578094	0.654284	0.736123
0.603506	0.524058	0.750358	0.66832	0.393227	0.621896	0.573272	0.432663	0.754284	0.647056
0.664693	0.687273	0.863174	0.8275	0.558797	0.6723	0.676654	0.548108	0.451487	0.489625
0.70473	0.647043	0.616854	0.644741	0.642412	0.417049	0.617164	0.578094	0.530306	0.468872
0.618234	0.619141	0.738408	0.599381	0.663187	0.5133	0.623193	0.617219	0.593219	0.527285
0.483674	0.696862	0.620432	0.48494	0.525148	0.428189	0.639992	0.680903	0.593219	0.54668
0.588437	0.650902	0.635049	0.492282	0.387037	0.396117	0.586618	0.522153	0.422678	0.472572
0.621773	0.687273	0.615964	0.537654	0.587079	0.561904	0.618878	0.626019	0.51556	0.580268
0.602655	0.556348	0.602827	0.560672	0.520945	0.644506	0.641799	0.456664	0.54854	0.545213
0.482383	0.501497	0.686266	0.696472	0.66805	0.678279	0.758441	0.563997	0.64118	0.60141
0.581095	0.488635	0.581779	0.717438	0.538732	0.695682	0.679607	0.551838	0.555296	0.510744
0.540205	0.51546	0.65794	0.732389	0.525148	0.630799	0.631954	0.445963	0.702472	0.661167
0.597583	0.598043	0.8114	0.46426	0.501185	0.612308	0.697757	0.610306	0.705669	0.85872
0.751224	0.629165	0.558577	0.539151	0.568021	0.556564	0.790374	0.747252	0.64862	0.653584
0.664693	0.607586	0.486919	0.698632	0.719937	0.69988	0.632839	0.734514	0.660023	0.734988
0.856339	0.665688	0.616854	0.728892	0.547535	0.77199	0.623193	0.700504	0.582617	0.753511

0.760907	0.550156	0.827017	0.817422	0.645187	0.885137	0.969176	0.854701	0.612636	0.646131
0.686823	0.690446	0.765147	0.747873	0.80355	0.824889	0.668877	0.602658	0.759095	0.657359
0.710141	0.66269	0.724489	0.76142	0.692184	0.785907	0.587416	0.474479	0.814496	0.732728
0.730197	0.604091	0.711002	0.702984	0.523742	0.780795	0.790374	0.574132	0.583424	0.644288
0.957139	0.659713	0.805858	0.677503	0.568799	0.638972	0.822092	0.815855	0.646748	0.636088
0.848781	0.650902	0.652103	0.758925	0.798237	0.687406	0.872943	0.853198	0.612636	0.808943
0.772064	0.687273	0.644441	0.910732	0.694257	0.618385	0.950353	0.657346	0.569914	0.896481
0.828295	0.526963	0.577689	1.007131	0.727722	0.750137	0.9253	0.755557	0.566795	0.663083
0.702585	0.524782	0.661875	0.870329	0.897132	0.768271	0.648182	0.685976	0.479792	0.556336
0.668633	0.557909	0.752788	0.682689	0.54902	0.656746	0.815291	0.607742	0.64862	0.616673
0.733632	0.550156	0.885745	0.649549	0.576652	0.955111	0.967256	0.754361	0.979704	0.764288
0.870282	0.755606	0.977539	0.785864	0.884069	0.888381	0.921836	0.995706	0.79044	0.848298
0.8533	0.684123	0.616854	0.865533	0.910599	0.621015	0.670809	0.772659	0.595703	0.846829
0.911543	0.89897	0.75769	0.704079	0.637826	0.601244	0.97694	0.655439	0.645815	1.177906
0.897908	0.764326	0.717693	0.842316	0.884069	0.925755	0.920114	0.877884	0.806328	0.832409
0.699386	0.708877	0.721077	0.609843	0.928043	0.673291	0.723202	0.642322	0.778893	0.69703
0.951408	0.648968	0.727927	0.705177	0.783954	0.705186	0.784048	0.793067	0.820028	0.613235
0.945751	0.575471	0.726778	0.883383	0.647047	0.861554	0.774114	0.889142	0.871696	0.716137
1.010257	0.655775	0.681071	0.93992	0.727722	0.732731	0.792931	1.103923	0.867018	0.699112
0.911543	0.798342	0.752788	1.225819	0.885681	0.697776	0.735381	1.060727	0.77012	0.962006
0.887956	1.106065	1.096764	1.10838	0.771365	0.787194	1.2409	0.912572	0.777629	1.127522
1.112723	1.095147	0.932895	0.843826	0.781407	0.743091	1.056215	0.889142	0.544093	0.770393
1.147063	1.362178	0.841718	1.029737	0.924498	0.915239	1.058572	0.937339	0.939416	0.866321
1.056053	1.071541	1.160387	1.084045	1.090124	1.074348	1.026684	0.881071	1.164896	1.190661
0.951408	1.677808	1.077793	1.087084	3.014403	1.178481	1.144537	1.706839	0.971736	1.430797
1.689348	1.585292	0.532534	1.072412	1.097949	1.04319	1.781743	1.355676	1.400212	1.387974
1.061141	1.065068	1.067032	1.085181	0.953705	1.208036	1.311139	1.942762	1.138031	1.568678
0.642657	1.068995	1.213319	1.584612	1.294244	1.184877	1.702062	1.414242	0.960053	1.20048
0.16813	1.495303	1.065626	1.474839	3.014403	1.93799	1.01584	1.182805	1.143859	1.002024
0	0.084065	3.661322	0.532813	0.266406	0.641123	1.203039	0.895708	1.203514	1.363207
0	0	0	0	0	0.453765	1.041596	1.103923	1.190256	2.013063
0	0	0	0	1.082437	0.979269	1.723376	1.466378	1.651103	2.166126
0	1.885323	0	0.43805	0.8761	1.530663	1.625942	1.961598	1.581523	1.408858
0.00222	0.986074	0.884093	0.880097	1.446201	1.124796	1.600518	1.874658	1.104616	2.058343
0.005551	1.211968	0.965443	2.150887	1.285498	1.36585	1.533533	1.567025	1.405539	1.614575
1.933633	1.191772	1.399303	2.802263	1.567245	1.466547	1.864034	2.291273	1.384615	2.108899
1.431041	1.171577	1.174771	1.310657	1.222011	1.93799	1.769425	1.004116	1.231309	1.934599
1.431041	1.177965	1.106537	1.198391	2.838312	1.741007	1.712589	0.789167	1.581523	1.538818
1.184354	1.744549	0.994209	1.041497	1.470335	2.281143	1.643758	1.098613	2.198961	1.300546
1.239647	0.839719	0.799028	1.610338	0.99115	0.847996	1.095553	0.995706	0.760307	0.91495
1.171564	1.149641	1.020479	1.408965	0.907193	0.7466	0.696729	1.151895	0.818638	0.675752
0.860937	0.996687	0.837255	0.971211	0.66805	0.797635	0.796794	0.989503	0.948675	0.662124
1.019038	0.744645	0.568825	0.636219	0.449737	0.720395	0.743314	0.6278	0.649559	0.501378
0.686823	0.666692	0.697921	0.622377	0.614729	0.745427	0.871405	0.630486	0.573844	0.631599
0.649278	0.627325	0.542516	0.495661	0.536558	0.685361	0.632839	0.52992	0.673717	0.468258
0.54539	0.826451	0.677983	0.590851	0.602783	0.58153	0.498202	0.447729	0.68174	0.603079
0.622662	0.539528	0.625856	0.61517	0.525148	0.565759	0.465635	0.46456	0.475364	0.524484

0.580287	0.544809	0.498975	0.542161	0.530816	0.525833	0.483496	0.52708	0.52042	0.414131
0.730197	0.611109	0.425427	0.686884	0.561085	0.590455	0.528502	0.572557	0.477256	0.409286
0.654037	0.527692	0.58757	0.710707	0.669029	0.782067	0.609534	0.454264	0.562159	0.551852
0.496133	0.382633	0.502384	0.545192	0.466628	0.486036	0.717776	0.52708	0.513494	0.693926
0.530018	0.472273	0.403077	0.408099	0.667073	0.621896	0.500812	0.5159	0.597367	0.475057
0.476621	0.51617	0.47071	0.606328	0.624351	0.684342	0.684573	0.489796	0.573844	0.533654
0.40254	0.405153	0.348875	0.375011	0.514029	0.319019	0.382426	0.517282	0.521119	0.414131
0.465941	0.48005	0.400904	0.44032	0.431771	0.491223	0.41126	0.462725	0.462344	0.279317
0.38726	0.346551	0.392319	0.521517	0.558037	0.59873	0.58186	0.70156	0.702472	0.491562
0.294809	0.38211	0.430038	0.56463	0.470956	0.476473	0.556588	0.532063	0.396187	0.562387
0.372	0.376922	0.580958	0.466158	0.378417	0.433296	0.624931	0.441872	0.348547	0.49027
0.490187	0.53803	0.471985	0.230377	0.479742	0.653891	0.558079	0.384212	0.52042	0.566981
0.443566	0.49944	0.483628	0.326444	0.484844	0.582334	0.437597	0.391921	0.377704	0.327099
0.437131	0.483991	0.393916	0.455514	0.474073	0.434439	0.437032	0.397662	0.433973	0.273013
0.563652	0.486639	0.46502	0.373984	0.418907	0.408879	0.383923	0.541472	0.399874	0.390941
0.552906	0.46653	0.448384	0.304931	0.329558	0.462209	0.431419	0.393479	0.392011	0.443237
0.527865	0.406255	0.507895	0.472543	0.397403	0.504469	0.673722	0.421975	0.423795	0.477555
0.479172	0.593773	0.559356	0.437937	0.490007	0.554295	0.539806	0.251769	0.484266	0.479439
0.510332	0.612881	0.510677	0.535418	0.396355	0.450768	0.449061	0.280886	0.429987	0.485777
0.363584	0.498757	0.363045	0.407545	0.299654	0.354191	0.41393	0.411543	0.444396	0.457956
0.484969	0.416867	0.433529	0.350049	0.365068	0.29346	0.276031	0.421975	0.459301	0.344271
0.440044	0.475496	0.48758	0.419334	0.429507	0.392984	0.33126	0.413718	0.344338	0.311008
0.51796	0.302244	0.29091	0.490938	0.493919	0.382702	0.377965	0.421975	0.430554	0.360232
0.507592	0.375378	0.336553	0.552863	0.386014	0.413217	0.397634	0.360907	0.412213	0.378795
0.313623	0.375892	0.409109	0.41763	0.295072	0.397166	0.589818	0.494368	0.370229	0.350305
0.39721	0.369762	0.442381	0.398773	0.389605	0.422027	0.401782	0.372651	0.362396	0.288949
0.325136	0.276123	0.36955	0.337615	0.345551	0.369197	0.401261	0.389852	0.428289	0.364558
0.380072	0.313238	0.292174	0.359862	0.311542	0.44311	0.4479	0.425321	0.481704	0.535798
0.565209	0.464632	0.271979	0.399316	0.375914	0.346644	0.313899	0.451876	0.50871	0.367952
0.529299	0.434169	0.291752	0.382788	0.417256	0.376147	0.363419	0.461506	0.339248	0.426765
0.49348	0.318616	0.456315	0.579184	0.441531	0.43616	0.486651	0.444205	0.333308	0.409286
0.483028	0.477442	0.334223	0.305368	0.412343	0.450174	0.395062	0.37464	0.353273	0.333797
0.326935	0.520455	0.328682	0.316003	0.31761	0.403516	0.404918	0.300181	0.388905	0.350772
0.477895	0.462115	0.42715	0.383311	0.330456	0.354191	0.449642	0.511098	0.558333	0.387363
0.867145	0.564214	0.550855	0.626942	0.638739	0.505142	0.644523	0.684957	0.670746	0.454972
1.392699	0.927328	0.554699	1.089336	1.105918	0.891649	0.982855	0.834125	0.686831	0.828174
0	0.277349	1.495619	0.277349	0.138675	0.069337	0.451731	1.128659	1.769674	1.280191
0	0	0	0	0	0	0	0	0.564329	1.057665
0	0	0	0	0	0	0	0	0	1.478308
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.368744	0	0	0	0	0	0	0	1.757453	0
0.916768	0.737488	0.227325	0.113662	0.481572	0.853969	0	0	0.414208	0.207104
0.618234	0.45465	0.936599	1.768432	1.530103	0.849481	0.835438	0.828417	1.217189	2.695165
0.573874	0.570611	0.457548	0.716309	1.122308	1.092371	0.97304	0.821395	1.054071	1.050748
0.54168	0.422558	0.495592	0.568624	0.598595	0.753704	0.584232	0.726598	0.700354	1.330748
0.423975	0.404603	0.399821	0.534675	0.423338	0.439621	0.394038	0.395566	0.562928	0.863264

[illegible]

50	51	52	53	54	55	56	57	58	59
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.080639	1.527879	0.937107	1.001366	1.333699	0.506815	0.253407	0.126704	0.063352	0.031676
0.593993	0.897646	0.976568	1.132711	1.066298	1.013629	1.389668	2.362675	1.189014	1.015117
0.863661	0.657472	0.686063	0.729159	0.757258	0.733503	0.685093	0.828406	0.932483	1.236294
0.471782	0.527533	0.519102	0.420809	0.539908	0.736919	0.684048	0.408785	0.807836	0.667295
0.473091	0.655535	0.58148	0.462647	0.56527	0.629144	0.826052	0.840154	0.845047	0.69684
0.573694	0.580283	0.707131	0.619654	0.537739	0.560021	0.746852	0.8553	0.610615	0.66927
0.424756	0.44219	0.471413	0.491415	0.496501	0.478422	0.523519	0.446185	0.463528	0.702143
0.60274	0.478568	0.718061	0.7326	0.583308	0.622066	0.565929	0.646443	0.563609	0.568216
0.737339	0.590149	0.582289	0.673469	0.670839	0.468451	0.569925	0.581921	0.534879	0.420179
0.526745	0.599393	0.542102	0.380085	0.346617	0.406005	0.745647	0.586047	0.647878	0.596561
0.54492	0.750208	0.663034	0.515886	0.643322	0.818421	0.575582	0.438443	0.769778	0.627783
0.772446	0.676324	0.714753	0.759932	0.665969	0.760408	0.896654	0.599521	0.540771	0.550549
0.617111	0.45969	0.531169	0.520102	0.773081	0.497759	0.451237	0.641705	0.602846	0.697895
0.620779	0.453576	0.790137	0.684669	0.514576	0.571585	0.530795	0.560292	0.410973	0.717346
1.067562	0.845235	0.800718	0.547046	0.501115	0.706033	0.7666	0.83424	0.548251	0.572154
0.573694	0.73835	0.568738	0.522936	0.404121	0.579469	0.563549	0.59189	0.586888	0.635953
0.593128	0.59265	0.679936	0.661572	0.537019	0.826776	0.79262	0.497807	0.629301	0.617124
0.672559	0.71779	0.802059	0.814768	0.71732	0.734639	0.645123	0.770189	0.661371	0.456806
0.536495	0.577044	0.60217	0.655744	0.770609	0.715724	0.566725	0.562643	0.597743	0.520734
0.457638	0.529698	0.514921	0.606534	0.581709	0.696555	0.542696	0.716616	0.44828	0.506221
0.914902	0.669283	0.527585	0.769857	0.509817	0.685244	0.70986	0.798999	0.5902	0.462914
0.56632	0.640338	0.611596	0.523647	0.448152	0.546539	0.397305	0.640763	0.543002	0.41464
0.56067	0.481796	0.519802	0.554624	0.458842	0.615966	0.569925	0.527202	0.392665	0.559677
0.502934	0.484395	0.661088	0.583874	0.340622	0.683219	0.478333	0.351536	0.531963	0.761515
0.577846	0.699226	0.719169	0.907495	0.741992	0.544332	0.47252	0.463345	0.726748	0.487595
0.428881	0.518274	0.412275	0.425327	0.49064	0.517308	0.497611	0.496455	0.499759	0.388471
0.431255	0.409173	0.26511	0.434505	0.479149	0.533463	0.483566	0.590213	0.451891	0.456806
0.347098	0.608839	0.394576	0.56156	0.606328	0.477163	0.459875	0.403307	0.471673	0.419066
0.353024	0.492288	0.421123	0.429319	0.51185	0.454506	0.437409	0.443788	0.457364	0.347454

0.516484	0.363925	0.286292	0.545546	0.497157	0.390285	0.337423	0.447992	0.243331	0.39421
0.423	0.367894	0.398801	0.573371	0.434297	0.407609	0.565134	0.511557	0.478687	0.456806
0.365122	0.425368	0.3661	0.343324	0.451095	0.45391	0.431532	0.421654	0.402261	0.396844
0.265517	0.261448	0.432443	0.352827	0.41431	0.491218	0.401098	0.46397	0.481913	0.440729
0.321392	0.227685	0.378076	0.249819	0.243745	0.354253	0.193506	0.470276	0.570701	0.348871
0.330264	0.418034	0.480926	0.44329	0.502443	0.474656	0.276557	0.485793	0.495061	0.504864
0.314513	0.37696	0.445245	0.243798	0.278832	0.332092	0.207916	0.353473	0.313804	0.366246
0.327443	0.377979	0.289169	0.262898	0.293373	0.24436	0.355663	0.351536	0.410423	0.408626
0.418353	0.430519	0.305982	0.345208	0.341998	0.369681	0.409895	0.444985	0.437624	0.425226
0.373379	0.434569	0.448803	0.38368	0.436005	0.520075	0.385069	0.399513	0.403341	0.384345
0.410337	0.313612	0.465186	0.464507	0.348012	0.423981	0.324914	0.312732	0.340087	0.439562
0.290184	0.349354	0.385218	0.227658	0.366083	0.484773	0.445774	0.419954	0.571496	0.468487
0.380736	0.366898	0.31727	0.39997	0.348944	0.470303	0.502396	0.413776	0.44888	0.488246
0.393098	0.372908	0.338451	0.25439	0.272915	0.338897	0.288151	0.288664	0.375097	0.384858
0.214932	0.426508	0.434743	0.290716	0.366569	0.319669	0.246946	0.411551	0.390561	0.375704
0.392553	0.477925	0.399864	0.327179	0.525652	0.403876	0.385594	0.400594	0.140306	0.419066
0.441495	0.350311	0.410091	0.323122	0.4253	0.325393	0.326286	0.343872	0.247085	0.373195
0.409204	0.313612	0.286702	0.331731	0.355529	0.40494	0.312754	0.22681	0.300381	0.555089
0.503637	0.285921	0.496593	0.533001	0.609719	0.65016	0.55184	0.407684	0.404423	0.678266
0.629148	0.43807	0.436476	0.395177	0.548691	0.43525	0.42001	0.5323	0.334056	0.503511
0.440278	0.3719	0.428447	0.368976	0.274485	0.376109	0.370625	0.370297	0.383792	0.429193
0.330264	0.384145	0.508726	0.376012	0.352695	0.488628	0.3877	0.422791	0.589369	0.462914
0.298436	0.34131	0.642094	0.485507	0.35411	0.540679	0.513533	0.527927	0.420425	0.407542
0.433045	0.361954	0.421682	0.460795	0.491287	0.449759	0.378303	0.468374	0.386903	0.362812
0.261472	0.419154	0.415021	0.355235	0.465506	0.404408	0.356154	0.422791	0.295295	0.566651
0.514316	0.516165	0.526159	0.456505	0.560686	0.440417	0.609401	0.458991	0.374086	0.40216
0.538015	0.43225	0.450593	0.454679	0.537739	0.431838	0.46363	0.533034	0.48386	0.447207
0.518662	0.370895	0.454196	0.56156	0.453464	0.52919	0.501023	0.4492	0.429513	0.45138
0.46145	0.407532	0.601323	0.479678	0.537739	0.580265	0.535961	0.206965	0.275928	0.494156
0.438458	0.434569	0.518402	0.461412	0.453464	0.521465	0.367591	0.337276	0.459204	0.395788
0.431255	0.436316	0.51631	0.44329	0.494539	0.512508	0.364078	0.417135	0.57389	0.373695
0.479031	0.439831	0.429016	0.530101	0.546478	0.534897	0.526415	0.630539	0.569907	0.388471
0.448871	0.502361	0.592116	0.472659	0.589761	0.550242	0.498973	0.491092	0.569907	0.387953
0.408639	0.436899	0.410091	0.417452	0.434866	0.338897	0.420579	0.427946	0.390036	0.446614
0.386604	0.332491	0.33523	0.396769	0.263611	0.241428	0.426886	0.403852	0.298679	0.4562
0.450735	0.415245	0.395102	0.456505	0.444066	0.406539	0.466152	0.431998	0.402801	0.372695
0.396931	0.398346	0.412823	0.256309	0.355529	0.421763	0.398385	0.270246	0.3587	0.309546
0.351039	0.38208	0.339376	0.3471	0.382411	0.409757	0.362083	0.415452	0.351447	0.363791
0.389298	0.396213	0.359263	0.420809	0.468569	0.388231	0.39408	0.526478	0.482561	0.367725
0.383393	0.396745	0.400929	0.370474	0.382411	0.381623	0.402734	0.390963	0.371065	0.282733
0.283355	0.440419	0.345904	0.348525	0.366569	0.307166	0.424008	0.369289	0.373076	0.377722
0.361558	0.380538	0.196681	0.369474	0.415941	0.311008	0.366584	0.376906	0.379679	0.387436
0.31771	0.357064	0.314639	0.365994	0.299994	0.383139	0.334612	0.33915	0.409874	0.481132
0.212767	0.304471	0.358779	0.308565	0.374418	0.333897	0.268061	0.282438	0.383276	0.389509
0.239489	0.406986	0.438797	0.335407	0.463071	0.434679	0.278605	0.313174	0.43471	0.335822
0.246045	0.361954	0.433017	0.319104	0.350347	0.447992	0.332283	0.353958	0.417065	0.403231
0.34808	0.355608	0.298756	0.311176	0.296671	0.386697	0.268461	0.385181	0.371065	0.309546

0.416047	0.447546	0.426746	0.331273	0.32356	0.441574	0.395152	0.444985	0.404423	0.346041
0.307742	0.30663	0.347316	0.401579	0.326653	0.330296	0.462375	0.368786	0.324487	0.471614
0.265517	0.344604	0.436476	0.299974	0.380399	0.301676	0.306581	0.444386	0.409326	0.443074
0.425343	0.484395	0.515615	0.362542	0.362697	0.432405	0.370625	0.3878	0.47041	0.481132
0.367686	0.397278	0.440546	0.346153	0.35886	0.417906	0.402188	0.342924	0.393721	0.380257
0.333104	0.388827	0.373546	0.376012	0.455846	0.371649	0.452461	0.442595	0.414286	0.358921
0.476381	0.469027	0.491307	0.416338	0.378896	0.298748	0.425157	0.580281	0.447083	0.436078
0.556678	0.481796	0.479007	0.421934	0.438867	0.359975	0.509323	0.533034	0.396372	0.472871
0.59486	0.507142	0.349206	0.477113	0.446396	0.469685	0.416612	0.426795	0.543002	0.492835
0.493215	0.498304	0.5006	0.475198	0.476011	0.501732	0.395152	0.451627	0.548251	0.546801
0.471782	0.466517	0.52403	0.519397	0.47978	0.447405	0.379337	0.443191	0.51	0.754235
0.34563	0.539947	0.561731	0.49942	0.520079	0.416264	0.325828	0.370802	0.545244	0.486294
0.440886	0.641272	0.672897	0.565461	0.607173	0.491867	0.323546	0.37232	0.682432	0.3707
0.580356	0.474089	0.545065	0.591297	0.602964	0.451533	0.413241	0.45961	0.49774	0.352195
0.663319	0.509208	0.454196	0.567032	0.487417	0.446818	0.497611	0.486452	0.517667	0.468487
0.550368	0.488324	0.496593	0.585512	0.464896	0.624707	0.624612	0.549487	0.593536	0.626885
0.688408	0.513369	0.554076	0.590466	0.42308	0.527775	0.561969	0.568974	0.490414	0.564314
0.526004	0.46216	0.548048	0.658648	0.502443	0.447992	0.503772	0.455293	0.495061	0.512382
0.365122	0.498304	0.511468	0.511019	0.509817	0.394422	0.595556	0.497807	0.56127	0.523554
0.48438	0.555788	0.596277	0.861752	0.657337	0.470922	0.578029	0.62597	0.495061	0.559677
0.49597	0.503722	0.395628	0.600545	0.509141	0.384661	0.53374	0.617864	0.496398	0.459849
0.545694	0.359013	0.535509	0.563116	0.342918	0.492518	0.662656	0.478612	0.50656	0.57533
0.605398	0.476003	0.548797	0.578995	0.403591	0.546539	0.721085	0.707747	0.560493	0.448991
0.524526	0.477284	0.53045	0.568608	0.533435	0.589936	0.586287	0.506694	0.583602	0.500817
0.477704	0.39515	0.502617	0.465128	0.519387	0.689323	0.540439	0.444386	0.543002	0.493495
0.571222	0.632017	0.605574	0.480322	0.59139	0.629144	0.582138	0.512956	0.615873	0.654677
0.769842	0.619383	0.6719	0.524359	0.576949	0.522161	0.460498	0.549487	0.526905	0.680291
0.787054	0.702445	0.56639	0.445069	0.527057	0.467835	0.509323	0.639823	0.591865	0.770165
0.618941	0.507142	0.571099	0.558464	0.473516	0.604017	0.845297	0.8553	0.610615	0.620648
0.54107	0.40481	0.502617	0.616998	0.688839	0.675211	0.659684	0.630539	0.529788	0.464147
0.33692	0.286334	0.37105	0.576576	0.595488	0.709239	0.642268	0.547966	0.424945	0.45138
0.495279	0.435732	0.55942	0.567819	0.610571	0.612518	0.522078	0.467111	0.508621	0.465382
0.731358	0.626557	0.88791	0.609994	0.539908	0.477792	0.525689	0.506694	0.659418	0.64709
0.556678	0.593487	0.653391	0.633182	0.52216	0.563841	0.648958	0.730269	0.584421	0.522848
0.586269	0.554254	0.53916	0.684669	0.620052	0.662505	0.767865	0.719989	0.521197	0.564314
0.611666	0.49696	0.624788	0.619654	0.560686	0.6177	0.745647	0.768924	0.675297	0.643346
0.651298	0.555788	0.467045	0.378553	0.566039	0.458703	0.507929	0.57702	0.624779	0.559677
0.652287	0.501004	0.50941	0.572573	0.491287	0.509789	0.576396	0.523596	0.657473	0.610161
0.596599	0.588489	0.508726	0.515187	0.522856	0.771407	0.722224	0.683214	0.719974	0.741198
0.659275	0.555021	0.361692	0.473927	0.479149	0.632727	0.6893	0.706651	0.708912	0.784116
0.606288	0.64787	0.538427	0.586334	0.640573	0.544332	0.545722	0.637951	0.570701	0.676251
0.664336	0.680399	0.529015	0.805134	0.779323	0.461726	0.704355	0.716616	0.520489	0.671253
0.688408	0.641272	0.51631	0.695107	0.789502	0.68423	0.557265	0.662952	0.573091	0.545311
0.747083	0.582728	0.499929	0.600545	0.744306	0.627364	0.659684	0.612544	0.62388	0.742367
0.633868	0.534792	0.701767	0.616998	0.67182	0.838172	0.636615	0.542681	0.642221	0.52782
0.605398	0.694972	0.641166	0.715659	0.708684	0.648292	0.604157	0.565797	0.694941	0.582562
0.518662	0.637546	0.489342	0.579804	0.548691	0.52919	0.553383	0.584392	0.799684	0.641486

0.446398	0.590149	0.643024	0.57497	0.622674	0.489274	0.546483	0.588542	0.50931	0.6916
0.592265	0.404268	0.594608	0.729159	0.670839	0.469685	0.70545	0.693711	0.549006	0.866153
0.7634	0.567468	0.557887	0.553098	0.691913	0.671261	0.626437	0.673979	0.750126	0.719562
0.709352	0.521102	0.632899	0.618767	0.546478	0.547277	0.594705	0.493765	0.462288	0.621534
0.648344	0.545163	0.786234	0.659621	0.553898	0.643656	0.70545	0.558732	0.444699	0.620648
0.703742	0.591815	0.74195	0.635018	0.656389	0.632727	0.813212	0.738436	0.586064	0.563538
0.504341	0.528975	0.579062	0.428174	0.562208	0.708168	0.435637	0.530108	0.626582	0.443662
0.5093	0.490301	0.437055	0.533729	0.518007	0.478422	0.424008	0.575399	0.473575	0.486294
0.730171	0.59265	0.535509	0.647145	0.582508	0.53061	0.508626	0.681145	0.57389	0.679278
0.587974	0.619383	0.529732	0.513793	0.658288	0.589936	0.503083	0.535979	0.663334	0.633213
0.538015	0.545163	0.554836	0.563896	0.484219	0.480951	0.464889	0.547207	0.424945	0.539402
0.538777	0.496289	0.728139	0.672466	0.584109	0.572367	0.601559	0.564217	0.480619	0.667295
0.676729	0.699226	0.714753	0.704721	0.62708	0.734639	0.824607	0.704468	0.572293	0.63687
0.476381	0.582728	0.658186	0.483556	0.477891	0.525662	0.460498	0.616973	0.699192	0.416294
0.572868	0.557328	0.507361	0.559236	0.590575	0.516619	0.542696	0.589377	0.537815	0.44484
0.832578	0.707863	0.598793	0.602248	0.643322	0.679196	0.654776	0.653165	0.614992	0.529968
0.56632	0.593487	0.692276	0.49942	0.576949	0.604017	0.573148	0.572979	0.652649	0.589094
0.418353	0.534792	0.576658	0.591297	0.572239	0.631828	0.560395	0.586047	0.465394	0.552057
0.455744	0.638475	0.679936	0.583874	0.49064	0.638157	0.544964	0.623251	0.517667	0.625094
0.489115	0.511283	0.599635	0.553098	0.580117	0.647361	0.524964	0.557954	0.572293	0.6916
0.458905	0.565107	0.66597	0.527221	0.559168	0.636339	0.510022	0.471548	0.655537	0.6145
0.661292	0.640338	0.590463	0.597159	0.594665	0.60486	0.524964	0.542681	0.584421	0.593226
0.708224	0.664323	0.53045	0.62322	0.58733	0.733503	0.670681	0.747961	0.606282	0.635037
0.53954	0.623853	0.542841	0.522936	0.466729	0.666375	0.593856	0.697982	0.630212	0.545311
0.450113	0.457234	0.504643	0.558464	0.532009	0.495131	0.640375	0.713269	0.422115	0.488246
0.629148	0.465268	0.535509	0.663533	0.652615	0.677199	0.639432	0.749166	0.601139	0.650867
0.621701	0.603661	0.543581	0.556156	0.50645	0.665404	0.598976	0.483168	0.68346	0.679278
0.46594	0.505771	0.617702	0.539597	0.448739	0.598995	0.505153	0.440811	0.577911	0.499477
0.503637	0.61584	0.670906	0.592129	0.589761	0.561545	0.6768	0.76515	0.663334	0.507582
0.528976	0.500328	0.653391	0.555389	0.643322	0.794278	0.744445	0.53746	0.753743	0.682326
0.548804	0.555788	0.515615	0.519397	0.542816	0.545066	0.582138	0.412106	0.527624	0.475396
0.60274	0.634773	0.579867	0.547046	0.518007	0.513191	0.697839	0.572979	0.531963	0.565091
0.514316	0.616723	0.640239	0.640573	0.721703	0.584269	0.651857	0.697982	0.697061	0.753034
0.513596	0.474089	0.487385	0.50689	0.628855	0.666375	0.524241	0.567383	0.654572	0.588272
0.573694	0.559647	0.454196	0.531549	0.640573	0.620314	0.554157	0.651234	0.60801	0.505542
0.498742	0.571432	0.433591	0.598849	0.698126	0.569247	0.650889	0.846149	0.581154	0.511005
0.518662	0.545914	0.47393	0.578187	0.542816	0.525662	0.634746	0.544184	0.573091	0.516538
0.504341	0.546665	0.459656	0.622326	0.629745	0.542867	0.61382	0.446787	0.481266	0.651816
0.418353	0.551964	0.517704	0.685702	0.723911	0.73124	0.596408	0.506694	0.514165	0.712948
0.524526	0.494284	0.563278	0.506205	0.629745	0.741517	0.577211	0.516474	0.660394	0.615373
0.5093	0.521812	0.543581	0.535189	0.57853	0.762828	0.595556	0.640763	0.746538	0.556613
0.595729	0.642208	0.640239	0.649041	0.602127	0.609098	0.52933	0.555629	0.502467	0.518631
0.525264	0.570637	0.655302	0.644316	0.57146	0.582663	0.496932	0.434916	0.481913	0.550549
0.501532	0.527533	0.50941	0.606534	0.522856	0.441574	0.533001	0.578648	0.548251	0.549797
0.529722	0.511977	0.47393	0.621433	0.549431	0.4563	0.508626	0.5323	0.420987	0.639634
0.564698	0.581097	0.577458	0.587982	0.630638	0.547277	0.589634	0.663943	0.546745	0.710765
0.489115	0.469656	0.507361	0.473292	0.610571	0.691377	0.578847	0.576209	0.594374	0.504187

0.542606	0.657472	0.549547	0.569398	0.605485	0.531321	0.477684	0.652198	0.611487	0.527106
0.517209	0.620273	0.629275	0.683639	0.596313	0.627364	0.544206	0.690535	0.543002	0.513763
0.479696	0.558099	0.53916	0.556924	0.624431	0.583465	0.643218	0.587709	0.541514	0.513072
0.49116	0.481796	0.47393	0.585512	0.612279	0.514559	0.570728	0.561074	0.519075	0.533572
0.691649	0.584366	0.550299	0.855593	0.866792	0.60655	0.638491	0.498484	0.546745	0.576128
0.600976	0.573028	0.62123	0.721233	0.879275	0.772647	0.627353	0.535241	0.534148	0.625094
0.508588	0.55349	0.681969	0.555389	0.54501	0.648292	0.537449	0.551015	0.539291	0.702143
0.690566	0.616723	0.583911	0.545546	0.63966	0.605704	0.523519	0.715498	0.603703	0.552057
0.627274	0.541431	0.592945	0.547046	0.697085	0.642734	0.517785	0.727963	0.699192	0.616248
0.470477	0.46278	0.485437	0.506205	0.630638	0.567696	0.503772	0.699056	0.771037	0.563538
0.642496	0.570637	0.511468	0.752635	0.61658	0.439264	0.526415	0.544184	0.531236	0.566651
0.796613	0.670282	0.739618	0.914442	0.860683	0.666375	0.810409	0.541931	0.450684	0.610161
0.646386	0.469027	0.676906	0.699354	0.696045	0.819802	0.586287	0.624155	0.706733	0.658521
0.664336	0.682451	0.613332	0.759932	0.810604	0.716814	0.430366	0.670944	0.727888	0.63687
0.487756	0.687624	0.73499	0.757486	0.866792	0.734639	0.616493	0.724528	0.545994	0.556613
0.544147	0.587661	0.638393	0.729159	0.646089	0.681203	0.647036	0.601235	0.543002	0.660455
0.80922	0.594326	0.493282	0.622326	0.630638	0.581862	0.706549	0.774007	0.591865	0.651816
0.785706	0.665311	0.532611	0.897279	0.793381	0.655814	0.84228	0.893964	0.56596	0.751836
0.620779	0.670282	0.649592	0.730303	0.737401	0.70497	0.726809	0.801715	0.843555	0.574534
0.545694	0.632017	0.747837	0.502799	0.526354	0.648292	0.618284	0.645491	0.884109	0.606721
0.736136	0.674301	0.579062	0.620543	0.753687	0.699691	0.52136	0.768924	0.719974	0.376207
0.757051	0.544414	0.57031	0.718995	0.82294	0.841069	0.762828	0.7639	0.932483	0.573739
0.650311	0.551203	0.611596	0.626816	0.666938	0.851361	0.706549	0.772731	0.73828	0.642415
0.652287	0.480502	0.465804	0.672466	0.696045	0.632727	0.733778	0.809968	0.519781	0.635037
0.795234	0.683481	0.557887	0.827476	1.06874	0.71139	0.802108	0.756471	0.762304	0.7972
0.548804	0.586835	0.528299	0.610864	0.774322	0.772647	0.72451	0.582743	0.655537	0.708593
0.523788	0.627463	0.736142	0.567032	0.504442	0.702851	0.71656	0.595265	0.640352	0.469735
0.529722	0.785243	0.533334	0.635018	0.788216	0.832437	0.67373	0.875815	0.684492	0.428624
0.62821	0.752619	0.62123	0.647145	0.715145	1.061583	0.784649	0.882327	0.895706	0.630489
0.622625	0.677339	0.591288	0.71788	0.626196	0.760408	0.73495	0.776571	0.816145	0.687454
0.653279	0.586835	0.503967	0.80107	0.603803	0.596506	0.756614	0.736086	0.659418	0.759075
0.570401	0.627463	0.5473	0.860204	0.73969	0.688299	0.605027	0.639823	0.524756	0.666312
0.529722	0.714456	0.692276	0.601395	0.733989	0.822578	0.618284	0.608159	0.670272	0.657557
0.669457	0.884347	0.752605	0.6462	0.810604	0.761617	0.544206	0.80308	0.753743	0.639634
0.902394	0.955329	0.672897	0.763628	0.957078	0.839618	0.633815	0.893964	0.777383	0.694736
0.897141	0.680399	0.422242	0.575772	0.623552	0.811579	0.692483	0.664936	0.610615	0.619765
0.994243	0.734855	0.58554	0.660596	0.711903	0.57315	0.962772	0.723389	0.436456	0.585
0.716182	0.732541	0.728139	0.830352	0.844313	0.553977	0.860703	0.798999	0.61236	0.803893
0.512877	0.632934	0.835552	0.629533	0.735123	0.794278	0.717687	0.79095	0.970663	0.8232
0.456374	0.650728	0.697523	0.566246	0.651677	0.828184	0.712082	0.596962	0.92344	0.763969
0.721956	0.819107	0.684011	0.634099	0.801245	0.848396	0.661663	0.828406	0.786428	0.676251
0.8541	0.91311	0.806107	0.62772	0.737401	0.835295	0.816033	0.879059	0.918103	0.708593
0.719637	0.612325	0.674897	0.680563	0.696045	0.700742	0.72451	0.993934	0.846544	0.539402
0.671522	0.673293	0.619463	0.598003	0.720603	0.602337	0.867022	1.138572	0.697061	0.662399
0.612569	0.539207	0.644891	0.596317	0.795987	0.772647	1.060218	0.804449	0.558944	0.712948
0.587121	0.607972	0.81709	0.687774	0.845776	0.823973	0.672711	0.655105	0.821773	0.786702
0.689486	0.757481	0.992931	0.641506	0.90537	0.872708	0.62827	0.638886	0.866487	0.700014

0.846291	0.895961	0.986723	0.606534	0.958975	1.000847	0.691419	1.017915	0.632038	0.52782
0.672559	0.761164	0.860942	0.668473	0.632427	0.600663	0.561969	0.777859	0.566746	0.540136
0.635771	0.542175	0.592116	0.711251	0.779323	0.600663	0.574769	0.734917	0.621194	0.589917
0.641529	0.477284	0.491307	0.762392	0.844313	0.746163	0.932138	0.768924	0.574691	0.640559
0.665356	0.589318	0.689158	0.659621	1.00087	1.330332	0.941481	0.859949	0.762304	0.794551
0.584572	0.565107	0.660119	0.644316	0.890499	1.167716	0.772961	0.797647	0.753743	0.917313
0.583725	0.644087	0.620346	0.651901	0.803898	0.671261	0.551071	0.867809	0.849553	0.687454
0.64541	0.712247	0.746653	0.680563	0.721703	0.734639	0.542696	0.664936	0.652649	0.790609
0.665356	0.626557	0.630179	0.789101	0.577738	0.569247	0.466784	0.466481	0.426652	0.682326
0.655268	0.573828	0.651487	0.811993	0.655442	0.433541	0.631034	0.527202	0.466642	0.504187
0.640564	0.565893	0.592945	0.793054	0.793381	0.5299	0.798016	0.527927	0.698125	0.660455
0.561472	0.617608	0.624788	0.56156	0.709754	0.78524	0.503083	0.455293	0.785124	0.630489
0.544147	0.645974	0.727007	0.534458	0.756065	0.9171	0.556486	0.617864	0.578719	0.537937
0.702629	0.704604	0.936338	0.774906	0.926025	0.817044	0.592162	0.829857	0.680381	0.610161
0.693823	0.64882	0.761077	0.618767	0.754874	0.836731	0.675774	0.746759	0.753743	0.753034
0.704858	0.715564	0.625681	0.649041	0.834208	0.772647	0.655753	0.677036	0.62388	0.633213
0.639601	0.577851	0.521911	0.790414	0.66986	0.620314	0.789947	0.5811	0.526188	0.589917
0.679883	0.659419	0.800718	0.869575	0.750145	0.829597	0.780718	0.517181	0.651691	0.686423
0.534226	0.535525	0.807465	0.57417	0.520079	0.77764	0.641321	0.616084	0.744162	0.68437
0.583725	0.619383	0.799381	0.580615	0.54501	0.707099	0.611163	0.687382	0.645041	0.595725
0.591403	0.528253	0.706053	0.602248	0.774322	0.665404	0.486207	0.76515	0.740623	0.617124
0.60451	0.616723	0.617702	0.563896	0.557656	0.656764	0.496932	0.5323	0.611487	0.432622
0.727808	0.693914	0.465186	0.652859	0.523554	0.548757	0.672711	0.634229	0.512078	0.401625
0.826619	0.689711	0.624788	0.777453	0.664036	0.589122	0.71656	0.627791	0.436456	0.481132
0.582037	0.660395	0.864029	0.703642	0.799925	0.761617	0.713197	0.835711	0.613236	0.616248
0.48438	0.64503	0.896171	0.637787	0.67182	0.775136	0.713197	0.69691	0.669274	0.672248
0.687333	0.791807	0.6759	0.56156	0.832783	0.67422	0.480942	0.709948	0.79834	0.599921
0.579517	0.72567	0.803404	0.57738	0.885653	0.789091	0.585454	0.749166	0.719974	0.529251
0.593128	0.62206	0.57268	0.603102	0.636934	0.775136	0.679891	0.69265	0.689685	0.667295
0.610765	0.715564	0.647705	0.718995	0.607173	0.581063	0.813212	0.72567	0.591031	0.520734
0.765965	0.762398	0.676906	0.700422	0.623552	0.696555	0.690359	0.634229	0.502467	0.543827
0.534226	0.635695	0.694368	0.710156	0.592207	0.533463	0.605027	0.672965	0.59859	0.610161
0.61438	0.845235	0.803404	0.673469	0.532721	0.691377	0.598976	0.756471	0.73828	0.667295
0.787054	0.716676	0.691235	0.746646	0.731729	0.709239	0.476387	0.774007	0.693885	0.548297
0.605398	0.56905	0.74195	0.722356	0.898698	0.852852	0.693549	0.62597	0.555095	0.519331
0.531218	0.543667	0.56561	0.639642	0.744306	0.537778	0.66665	0.659993	0.677324	0.522848
0.664336	0.460924	0.469536	0.722356	0.721703	0.509789	0.752927	0.864648	0.697061	0.622421
0.530469	0.559647	0.558653	0.769857	0.759655	0.626476	0.706549	0.746759	0.677324	0.741198
0.505752	0.611451	0.63381	0.640573	0.685786	0.710313	0.654776	0.581921	0.515562	0.733101
0.61438	0.677339	0.597953	0.475836	0.722805	0.622944	0.608523	0.715498	0.659418	0.628684
0.613473	0.639405	0.773473	0.608261	0.729481	0.668323	0.594705	0.840154	0.771037	0.687454
0.666377	0.645974	0.721394	0.579804	0.569904	0.754416	0.571533	0.595265	0.724478	0.559677
0.63864	0.582728	0.622117	0.493403	0.780583	0.624707	0.71656	0.715498	0.716625	0.654677
0.652287	0.764878	0.707131	0.943396	0.970539	0.804843	0.881585	0.567383	0.677324	0.844886
0.563082	0.654569	0.631084	0.733753	0.809254	0.790382	0.70986	0.743172	0.895706	0.81899
0.57535	0.564323	0.685036	0.62772	0.683764	0.703909	0.558827	0.530838	0.645984	0.682326
0.773754	0.782644	0.693321	0.702566	0.817414	0.68626	0.506539	0.747961	0.680381	0.648974

0.510013	0.642208	0.762301	0.608261	0.727244	0.778898	0.607646	0.83424	0.836172	0.611892
0.508588	0.590981	0.543581	0.583057	0.807909	0.756803	0.533001	0.634229	0.685525	0.584186
0.601857	0.55349	0.534058	0.888946	0.691913	0.60655	0.656732	0.584392	0.537815	0.683347
0.59922	0.732541	0.808827	1.014391	0.831363	0.655814	0.643218	0.767662	0.814749	0.864599
0.608969	0.706774	0.97858	0.688814	0.646089	0.675211	0.657714	0.708846	0.706733	0.736553
0.702629	0.711147	0.647705	0.603102	0.703373	0.724522	0.545722	0.525035	0.657473	0.794551
0.538777	0.652645	0.517006	0.591297	0.663072	0.607398	0.598976	0.738436	0.638491	0.675247
0.608969	0.675311	0.502617	0.543306	0.497815	0.620314	0.593008	0.732587	0.676309	0.613629
0.678829	0.614079	0.571888	0.647145	0.647944	0.587498	0.652828	0.752803	0.640352	0.66927
0.862053	0.614079	0.641166	0.644316	0.584912	0.611661	0.772961	0.62597	0.503146	0.662399
0.549585	0.643147	0.60217	0.560009	0.628855	0.459909	0.6156	0.711052	0.575494	0.683347
0.404701	0.64882	0.704977	0.482907	0.663072	0.665404	0.545722	0.552547	0.637563	0.572946
0.609866	0.639405	0.480285	0.629533	0.924266	0.598995	0.555708	0.558732	0.563609	0.567433
0.616199	0.664323	0.587175	0.723483	1.059054	0.647361	0.667654	0.746759	0.664318	0.672248
0.689486	0.644087	0.512157	0.651901	0.730603	0.689323	0.626437	0.596113	0.685525	0.82603
0.690566	0.59265	0.527585	0.848016	0.692942	0.441574	0.605898	0.594419	0.700261	0.793233
0.701518	0.56354	0.577458	0.928678	0.559168	0.539226	0.760332	0.794956	0.67936	0.886878
0.504341	0.635695	0.587175	0.584692	0.718411	0.697598	0.639432	0.571372	0.476123	0.585
0.491844	0.711147	0.642094	0.43277	0.499792	0.683219	0.552611	0.63238	0.697061	0.586633
0.734936	0.734855	0.562504	0.535189	0.641487	0.622066	0.524964	0.846149	0.656504	0.459849
0.692734	0.638475	0.609867	0.605673	0.707617	0.630037	0.577211	0.76515	0.689685	0.562763
0.551937	0.561978	0.529015	0.556924	0.607173	0.56461	0.616493	0.662952	0.5902	0.517234
0.646386	0.548928	0.597114	0.652859	0.542087	0.484773	0.70986	0.657054	0.512772	0.593226
0.590544	0.653606	0.72028	0.723483	0.714061	0.740363	0.624612	0.53969	0.667285	0.734249
0.35203	0.637546	0.81988	0.610864	0.756065	0.901793	0.436818	0.596962	0.681405	0.66927
0.540304	0.723404	0.684011	0.640573	0.817414	0.671261	0.523519	0.637951	0.802384	0.705356
0.781685	0.595167	0.575859	0.724612	0.807909	0.521465	0.55184	0.654134	0.669274	0.412443
0.663319	0.674301	0.551806	0.527221	0.752504	0.563841	0.493552	0.597814	0.72903	0.543827
0.616199	0.429369	0.477732	0.57417	0.701267	0.632727	0.691419	0.826959	0.727888	0.640559
0.61438	0.413581	0.460879	0.603957	0.661152	0.563075	0.73495	0.708846	0.61236	0.742367
0.619859	0.55349	0.649592	0.663533	0.737401	0.727868	0.737304	0.755245	0.616755	0.686423
0.551152	0.657472	0.762301	0.612607	0.692942	0.875846	0.681965	0.623251	0.627487	0.585
0.732547	0.681424	0.556358	0.703642	1.112499	0.775136	0.714316	0.792282	0.725612	0.552057
0.577012	0.83635	0.759856	0.737232	0.942188	0.822578	0.73495	0.882327	0.672276	0.634124
0.694914	0.752619	0.62123	0.605673	0.721703	0.716814	0.690359	0.630539	0.558172	0.539402
0.807801	0.669283	0.654345	0.682611	0.682756	0.645504	0.742052	0.637017	0.512772	0.67026
0.716182	0.776215	0.701767	0.692999	0.618313	0.661543	0.845297	0.734917	0.726748	0.977321
0.570401	0.730239	0.73041	0.583057	0.721703	0.474031	0.590475	0.775287	0.900773	0.789302
0.622625	0.711147	0.608145	0.722356	0.781846	0.651097	0.61382	0.821221	0.801032	0.596561
0.731358	0.678357	0.609005	0.736069	0.816043	0.70497	0.854475	0.911148	0.69178	0.573739
0.571222	0.657472	0.626577	0.537387	0.780583	0.72675	0.854475	0.887276	0.872813	0.728541
0.571222	0.691808	0.676906	0.757486	0.794682	0.645504	0.802108	0.595265	0.569115	0.62331
0.726631	0.71335	0.708211	0.746646	0.665001	0.582663	0.879943	0.738436	0.582785	0.632303
0.71733	0.705688	0.821281	0.807865	0.947712	0.727868	0.548771	0.824081	0.740623	0.69056
0.675683	0.673293	0.815702	0.544798	0.693974	0.699691	0.505846	0.780446	0.665305	0.643346
0.663319	0.69286	0.619463	0.533001	0.57146	0.537778	0.600696	0.929041	0.833254	0.576927
0.455115	0.656503	0.589638	0.702566	0.695008	0.679196	0.820298	0.832774	0.593536	0.564314

0.436044	0.614958	0.677913	0.701493	0.620052	0.749681	0.759089	0.695841	0.676309	0.583373
0.612569	0.560423	0.58148	0.639642	0.583308	0.480318	0.754153	0.784355	0.621194	0.63687
0.897141	0.914863	0.708211	0.616998	0.644243	0.560782	0.81745	0.583567	0.515562	0.841931
0.636725	0.824778	0.583911	0.505522	0.680747	0.758001	0.604157	0.581921	0.571496	0.731957
0.57618	0.633852	0.708211	0.573371	0.721703	0.903467	0.691419	0.543432	0.817545	0.589094
0.500135	0.632017	0.66401	0.585512	0.931346	0.703909	0.685093	0.737259	0.634792	0.453783
0.48438	0.594326	0.746653	0.609994	0.813315	0.641815	0.621889	0.750375	0.794333	0.559677
0.665356	0.590149	0.703905	0.645257	0.720603	0.691377	0.587957	0.582743	0.742979	0.695787
0.631974	0.44219	0.521207	0.780014	0.596313	0.570804	0.754153	0.5811	0.514165	0.729677
0.644436	0.596009	0.615075	0.676495	0.714061	0.658669	0.767865	0.622349	0.616755	0.725152
0.629148	0.74781	0.804754	0.491415	0.499132	0.738064	0.637552	0.571372	0.601992	0.523554
0.698203	0.759933	0.57031	0.608261	0.67775	0.804843	0.702172	0.569772	0.56127	0.363301
0.653279	0.597698	0.552561	0.842048	0.898698	0.596506	0.619183	0.596113	0.456142	0.456806
0.610765	0.755043	0.63381	0.696165	0.753687	0.583465	0.52787	0.587709	0.548251	0.490863
0.676729	0.746617	0.579867	0.741913	0.636029	0.477163	0.54119	0.604683	0.538552	0.557377
0.569582	0.548928	0.501271	0.744273	0.632427	0.427892	0.45677	0.450412	0.48778	0.580945
0.48438	0.536259	0.47393	0.629533	0.619182	0.483495	0.485545	0.624155	0.613236	0.605011
0.545694	0.70137	0.639315	0.564678	0.584912	0.73237	0.561969	0.606418	0.731324	0.747076
0.621701	0.753829	0.649592	0.556156	0.651677	0.701795	0.655753	0.596113	0.60801	0.519331
0.559069	0.476003	0.634723	0.590466	0.602964	0.533463	0.594705	0.616084	0.555095	0.489553
0.592265	0.470918	0.454196	0.648092	0.489994	0.507087	0.533001	0.567383	0.529065	0.496143
0.702629	0.552726	0.393526	0.633182	0.582508	0.455701	0.629189	0.642648	0.491075	0.383832
0.56067	0.642208	0.624788	0.608261	0.673788	0.563075	0.778117	0.805822	0.607145	0.557377
0.362066	0.46216	0.558653	0.53592	0.640573	0.525662	0.67373	0.53969	0.555095	0.682326
0.469826	0.468398	0.53916	0.446855	0.652615	0.654867	0.573958	0.498484	0.616755	0.735399
0.612569	0.694972	0.603019	0.484205	0.834208	0.61857	0.517073	0.648353	0.606282	0.593226
0.60451	0.586011	0.687092	0.465128	0.656389	0.828184	0.591318	0.536719	0.586064	0.482417
0.557474	0.53773	0.612463	0.554624	0.551659	0.733503	0.587957	0.568974	0.512078	0.334905
0.555092	0.678357	0.681969	0.89226	0.72613	0.663469	0.702172	0.561074	0.514863	0.47036
0.473747	0.512672	0.644891	0.83616	0.745468	0.699691	0.784649	0.602094	0.602846	0.656595
0.537254	0.555021	0.636554	0.695107	0.690886	0.765262	0.715437	0.572979	0.631124	0.760293
0.489795	0.586011	0.641166	0.511711	0.746632	0.70497	0.508626	0.741983	0.627487	0.538669
0.554301	0.667292	0.746653	0.593799	0.654498	0.554728	0.584623	0.775287	0.783824	0.640559
0.639601	0.494952	0.628374	0.608261	0.538461	0.605704	0.558045	0.640763	0.508621	0.607578
0.623551	0.507142	0.459656	0.569398	0.568354	0.550987	0.600696	0.828406	0.600287	0.477936
0.627274	0.593487	0.53916	0.613482	0.584109	0.672245	0.698918	0.714382	0.587714	0.616248
0.58288	0.558099	0.521911	0.596317	0.475386	0.570804	0.667654	0.55025	0.586888	0.625989
0.436044	0.485701	0.616824	0.582241	0.540633	0.622066	0.565929	0.546449	0.55052	0.622421
0.59486	0.577851	0.57031	0.485507	0.655442	0.527775	0.442169	0.567383	0.601992	0.585
0.565508	0.617608	0.628374	0.624117	0.654498	0.698643	0.630111	0.680114	0.756172	0.708593
0.505752	0.626557	0.600478	0.625915	0.631531	0.636339	0.573148	0.617864	0.538552	0.501489
0.526745	0.558872	0.493282	0.579804	0.737401	0.593209	0.485545	0.609033	0.41484	0.471614
0.534981	0.538468	0.56561	0.764866	0.792084	0.868045	0.553383	0.516474	0.481913	0.400558
0.479031	0.425937	0.677913	0.663533	0.531298	0.73124	0.686141	0.507386	0.513468	0.585
0.472436	0.497631	0.625681	0.606534	0.537019	0.610805	0.619183	0.573784	0.562828	0.600765
0.608969	0.714456	0.656261	0.591297	0.728361	0.72675	0.62827	0.66693	0.768524	0.565091
0.502934	0.597698	0.611596	0.604814	0.661152	0.776386	0.737304	0.611663	0.599438	0.666312

0.500135	0.597698	0.564054	0.540336	0.66791	0.70497	0.642268	0.624155	0.608877	0.474763
0.478367	0.568258	0.477096	0.452256	0.780583	0.651097	0.632886	0.620549	0.642221	0.490863
0.488435	0.465268	0.517704	0.421934	0.792084	0.713551	0.71995	0.628705	0.553565	0.504864
0.68094	0.465268	0.441716	0.358143	0.422527	0.495131	0.63568	0.679085	0.467895	0.49814
0.618025	0.492288	0.462719	0.505522	0.42308	0.417906	0.437409	0.50257	0.542257	0.678266
0.616199	0.555788	0.690195	0.541818	0.455846	0.588309	0.616493	0.535241	0.690731	0.538669
0.693823	0.520393	0.653391	0.628626	0.583308	0.484134	0.614709	0.593575	0.526188	0.505542
0.492529	0.478568	0.498592	0.487468	0.597138	0.486054	0.530795	0.574591	0.569907	0.509633
0.512159	0.585188	0.473299	0.467624	0.664036	0.667348	0.524241	0.582743	0.668279	0.487595
0.551937	0.571432	0.650539	0.683639	0.723911	0.734639	0.867022	0.875815	0.705648	0.496808
0.563082	0.521812	0.529015	0.557693	0.685786	0.532034	0.715437	0.831313	0.559718	0.674245
0.668428	0.483093	0.605574	0.647145	0.531298	0.572367	0.589634	0.575399	0.495061	0.681307
0.679883	0.503722	0.687092	0.684669	0.589761	0.744997	0.919386	0.686337	0.516263	0.656595
0.577012	0.409722	0.56561	0.619654	0.786935	0.699691	0.692483	0.66793	0.567534	0.620648
0.381266	0.31098	0.596277	0.575772	0.607173	0.710313	0.53969	0.407684	0.621194	0.680291
0.530469	0.540688	0.658186	0.673469	0.664036	0.833864	0.623703	0.422222	0.677324	0.662399
0.589685	0.653606	0.649592	0.721233	0.813315	0.742674	0.722224	0.637017	0.869638	0.858437
0.499438	0.680399	0.50668	0.621433	0.874552	0.571585	0.629189	0.905921	0.5927	0.585
0.619859	0.619383	0.573472	0.664516	0.678747	0.537778	0.627353	0.774007	0.456753	0.561989
0.703742	0.681424	0.636554	0.840568	0.786935	0.738064	0.813212	0.934555	0.72222	0.675247
0.538777	0.667292	0.600478	0.557693	0.780583	0.645504	0.706549	0.940141	0.858708	0.62331
0.63103	0.538468	0.615075	0.505522	0.532009	0.656764	0.578847	0.556402	0.622983	0.45198
0.593128	0.570637	0.657222	0.689857	0.590575	0.668323	0.617388	0.42052	0.688641	0.472242
0.553512	0.516867	0.560959	0.662552	0.691913	0.627364	0.688245	0.653165	0.711102	0.580138
0.633868	0.653606	0.577458	0.636862	0.801245	0.672245	0.621889	0.554856	0.680381	0.536477
0.862053	0.653606	0.685036	0.867999	1.078647	0.78524	0.517073	0.531568	0.657473	0.539402
0.942984	0.656503	0.634723	0.813378	0.758455	0.67422	0.663651	0.738436	0.724478	0.760293
0.671522	0.687624	0.646765	0.523647	0.663072	0.630037	0.646078	0.785666	0.848046	0.627783
0.583725	0.519686	0.634723	0.600545	0.651677	0.662505	0.743247	0.630539	0.621194	0.616248
0.764681	0.80388	0.988782	0.937818	0.640573	0.665404	0.789947	0.624155	0.575494	0.831745
0.880079	0.997826	0.918416	0.874337	0.87612	0.839618	0.818872	0.811359	0.769778	0.882007
0.676729	0.732541	0.723631	0.625915	0.764489	0.877423	0.582965	0.72112	0.689685	0.625094
0.56067	0.690758	0.575859	0.669468	0.676756	0.839618	0.581313	0.568974	0.63942	0.629586
0.745853	0.798473	0.659151	0.807865	0.859169	0.75086	0.663651	0.552547	0.605421	0.770165
0.641529	0.503722	0.696469	0.795709	0.769378	0.99253	0.722224	0.681145	0.680381	0.671253
0.572868	0.455401	0.491965	0.618767	0.503108	0.654867	0.778117	0.7963	0.734788	0.583373
0.95079	0.665311	0.69858	0.686737	0.562972	0.589936	0.807624	0.714382	0.62388	0.599921
1.077992	1.06432	0.847315	0.709063	0.67775	0.687279	0.943374	0.837187	0.747731	0.738869
0.545694	0.622955	0.787531	0.624117	0.513211	0.580265	0.631959	0.643594	0.67936	0.376712
0.534226	0.5612	0.715853	0.592129	0.593844	0.600663	0.55184	0.493765	0.517667	0.395262
1.077992	0.797132	0.83266	0.809237	0.869879	0.687279	0.614709	0.687382	0.558944	0.494817
0.946869	0.703523	0.806107	0.858661	0.868333	0.877423	0.742052	0.840154	0.701333	0.603308
0.696007	0.6663	0.533334	0.639642	0.678747	0.632727	0.656732	0.616084	0.535611	0.590742
0.844745	0.83635	0.618581	0.905776	0.821552	0.547277	0.722224	0.709948	0.534879	0.712948
1.005263	1.105891	0.909725	1.191497	0.926025	0.696555	1.141929	1.011243	0.7418	0.886878
0.688408	0.714456	0.87501	0.747837	0.727244	0.643656	0.749272	0.818381	0.854106	0.791919
0.681999	0.733697	0.85181	0.679543	0.821552	0.89025	0.647996	0.609033	0.677324	0.727409

0.758314	0.813508	0.788832	0.685702	1.126256	0.738064	0.586287	0.681145	0.667285	0.544568
0.711617	0.665311	0.792758	0.880769	0.970539	0.896808	0.746852	0.781745	0.776107	0.618883
0.553512	0.602804	0.588815	0.614358	0.723911	0.835295	0.674751	0.657054	0.771037	0.672248
0.724287	0.649773	0.605574	0.676495	0.72613	0.706033	0.642268	0.739615	0.748926	0.694736
0.975085	0.907894	0.8782	0.780014	0.994632	0.849876	0.846813	0.835711	0.651691	0.853873
0.685192	0.736017	0.66401	0.604814	0.762066	0.947573	0.876677	0.716616	0.599438	0.777719
0.577012	0.806609	0.791445	0.53592	0.653555	0.901793	0.917594	0.580281	0.652649	0.799865
0.629148	1.040223	0.896171	0.560784	0.792084	0.806182	0.639432	0.645491	0.608877	0.587451
0.925918	0.806609	0.916664	0.80242	0.835637	0.802177	0.647996	0.674996	0.791682	0.610161
0.608073	0.619383	0.661088	0.672466	0.744306	0.736919	0.616493	0.66693	0.767272	0.667295
0.754538	0.76988	0.63381	0.674476	0.596313	0.590752	0.482252	0.829857	0.774834	0.727409
0.93722	0.852781	0.92908	0.954772	0.688839	0.863431	0.783335	1.147541	0.830355	0.731957
0.772446	0.567468	0.757426	0.872744	0.907054	1.10204	0.97894	0.723389	0.805102	0.753034
0.826619	0.612325	0.620346	0.810613	0.735123	0.795585	0.947185	0.573784	0.672276	0.874007
0.885127	0.894283	0.99923	0.907495	0.737401	0.814303	0.945275	0.73375	0.708912	0.703211
0.857264	0.737182	1.1493	1.379206	1.02676	1.234211	0.82173	0.597814	0.600287	0.834631
0.590544	0.767372	0.729273	0.826046	0.850195	0.913651	0.851394	0.679085	0.680381	0.849356
0.553512	0.868277	0.658186	0.679543	0.980416	0.817044	0.761578	0.83424	0.791682	0.646151
0.95079	1.2816	0.876602	0.879152	1.212562	0.97438	0.79531	1.153626	1.288705	1.115906
1.152678	1.010773	0.803404	0.780014	0.805231	0.955065	0.928456	0.829857	0.872813	1.104977
0.922215	0.690758	0.676906	0.818963	0.759655	0.790382	1.227803	0.814154	0.705648	0.993715
0.802171	0.679377	0.867139	0.736069	0.607173	1.076316	0.995733	0.758933	0.872813	0.773926
0.895405	0.934625	1.36549	1.107418	0.962796	1.088988	0.983078	0.918217	1.1135	0.874007
0.676729	0.90274	0.844344	0.818963	0.970539	0.766484	0.833354	0.897347	0.764781	0.748261
0.616199	0.814901	0.784941	0.659621	0.722805	0.787803	0.712082	0.588542	0.747731	0.799865
0.825143	0.91839	1.131734	0.943396	1.00297	1.002952	0.845297	0.882327	0.871223	0.760293
0.866895	0.588489	0.81988	1.225961	1.049579	0.714636	0.836309	1.075344	0.756172	0.997912
0.623551	0.640338	0.57031	0.867999	0.908745	0.646431	0.778117	0.8507	0.597743	0.753034
0.660283	0.682451	0.729273	0.780014	0.733989	1.203024	0.985161	0.637951	0.753743	0.66533
0.83408	0.877848	0.828358	0.884021	0.8954	1.186618	1.010979	0.927218	0.794333	0.775187
0.526004	0.677339	0.66206	0.711251	0.712981	0.888626	0.859138	0.843141	0.837639	0.86305
0.565508	0.485701	0.660119	0.772374	0.535582	0.685244	0.703262	0.642648	0.855635	0.995808
0.758314	0.64882	1.029894	0.914442	0.784383	0.863431	0.824607	1.009041	0.982804	1.113147
0.939133	1.148846	1.043729	0.864864	1.035744	0.643656	0.759089	1.230509	0.734788	0.761515
0.702629	0.975048	0.738456	0.880769	0.944021	0.575509	0.638491	0.904193	0.609745	0.672248
0.676729	0.724536	0.709295	1.159568	0.82573	0.657715	0.987255	0.943905	0.638491	0.878789
0.916719	0.945796	0.901204	0.947155	1.06387	1.011472	0.833354	1.06523	0.904184	0.896788
0.579517	0.752619	0.700702	0.673469	0.831363	0.852852	0.6893	0.852228	0.712201	0.67026
0.578681	0.565107	0.768472	0.657678	0.599625	0.758001	0.743247	0.774007	0.846544	0.828878
0.73374	0.613201	0.947457	0.621433	0.723911	0.922324	1.010979	0.938271	0.900773	0.817596
0.860451	0.782644	0.745473	0.57019	0.845776	0.755608	0.718817	0.863076	0.746538	0.561217
0.548025	0.596009	0.5473	0.496067	0.845776	0.777764	0.690359	0.746759	0.704565	0.608438
0.588829	0.610578	0.483498	0.762392	0.794682	0.636339	0.831883	0.749166	0.510692	0.788
0.662305	0.699226	0.755009	0.919726	0.960881	0.792975	0.721085	0.824081	0.678341	0.807958
0.525264	0.581097	0.702834	0.550818	0.672802	0.680198	0.744445	0.716616	0.793005	0.76274
0.46145	0.467143	0.558653	0.568608	0.555397	0.55548	0.687192	0.669937	0.64693	0.740032
0.469176	0.64787	0.774733	0.62772	0.67775	0.691377	0.791281	0.826959	0.761071	0.997912

0.502233	0.599393	0.706053	0.560009	0.611424	0.709239	0.71995	0.685293	0.644099	0.609298
0.440886	0.470918	0.651487	0.550818	0.640573	0.701795	0.652828	0.660977	0.599438	0.476029
0.57618	0.598545	0.551806	0.62772	0.771843	0.688299	0.658698	0.766405	0.55128	0.545311
0.631974	0.77367	0.810193	0.699354	0.672802	0.573935	0.550303	0.633303	0.67328	0.609298
0.623551	0.564323	0.613332	0.506205	0.537019	0.585074	0.492207	0.523596	0.62568	0.569787
0.54107	0.431095	0.41447	0.512404	0.606328	0.560782	0.535219	0.42737	0.569907	0.635037
0.586269	0.447546	0.452391	0.636862	0.637841	0.585074	0.586287	0.395752	0.637563	0.780267
0.58288	0.580283	0.53916	0.575772	0.618313	0.642734	0.630111	0.578648	0.634792	0.834631
0.429473	0.494284	0.540628	0.473927	0.552404	0.67422	0.638491	0.447992	0.685525	0.784116
0.335963	0.474726	0.441716	0.471395	0.754874	0.680198	0.55184	0.72567	0.781236	0.618883
0.529722	0.585188	0.522616	0.554624	0.673788	0.783964	0.544964	0.69691	0.823192	0.759075
0.48438	0.471551	0.545065	0.582241	0.711903	0.511827	0.405475	0.5323	0.636637	0.652768
0.489115	0.46278	0.521911	0.48878	0.729481	0.497759	0.522078	0.471548	0.476763	0.622421
0.556678	0.557328	0.458437	0.53592	0.718411	0.522161	0.639432	0.507386	0.355784	0.620648
0.589685	0.602804	0.627475	0.587982	0.499132	0.597334	0.588795	0.541183	0.519781	0.488246
0.54647	0.465268	0.623896	0.65671	0.332906	0.752042	0.693549	0.528652	0.537079	0.529968
0.458271	0.512672	0.444066	0.468877	0.501115	0.560021	0.638491	0.641705	0.544495	0.446022
0.548804	0.531147	0.518402	0.484205	0.644243	0.725635	0.629189	0.60555	0.544495	0.501489
0.519391	0.515464	0.561731	0.490096	0.572239	0.594854	0.595556	0.584392	0.53269	0.543086
0.492529	0.57463	0.525448	0.508949	0.501115	0.480318	0.55184	0.722253	0.696	0.580138
0.554301	0.621166	0.491307	0.529379	0.507121	0.549499	0.631959	0.927218	0.960799	0.605011
0.623551	0.62206	0.624788	0.644316	0.41977	0.652037	0.723366	0.577833	0.806467	0.650867
0.692734	0.48701	0.584725	0.723483	0.500453	0.53061	0.672711	0.498484	0.666294	0.864599
0.584572	0.521812	0.631991	0.543306	0.612279	0.79821	0.603289	0.570571	0.688641	0.625094
0.712753	0.62206	0.723631	0.637787	0.66986	0.883789	0.813212	0.552547	0.512078	0.580945
0.776382	0.573828	0.779807	0.729159	0.66791	0.611661	0.626437	0.588542	0.476123	0.566651
0.577846	0.858913	0.814318	0.687774	0.658288	0.556989	0.466152	0.697982	0.55204	0.512382
0.612569	0.904451	0.739618	0.657678	0.790791	0.693441	0.672711	0.852228	0.708912	0.658521
0.597471	0.69286	0.763528	0.661572	0.627967	0.600663	0.631034	0.623251	0.663334	0.622421
0.745853	0.635695	0.57268	0.704721	0.530589	0.486696	0.579668	0.691591	0.655537	0.543086
0.605398	0.534792	0.578259	0.585512	0.509817	0.71139	0.627353	0.643594	0.740623	0.566651
0.710483	0.57223	0.685036	0.711251	0.596313	0.857354	0.891573	0.747961	0.776107	0.659487
0.551937	0.576238	0.634723	0.567819	0.430338	0.632727	0.530795	0.589377	0.528344	0.515148
0.535737	0.577851	0.564831	0.409717	0.398329	0.547277	0.447587	0.598666	0.588541	0.546801
0.613473	0.603661	0.571888	0.490096	0.501779	0.58588	0.553383	0.647397	0.766025	0.880395
0.590544	0.526814	0.499929	0.590466	0.566809	0.574721	0.637552	0.633303	0.575494	0.745894
0.556678	0.526096	0.415021	0.490096	0.60802	0.592388	0.610281	0.598666	0.56596	0.716242
0.559069	0.420277	0.546554	0.572573	0.471036	0.629144	0.582965	0.477965	0.595214	0.689522
0.649327	0.482444	0.724753	0.771114	0.602127	0.563841	0.633815	0.536719	0.534148	0.601611
0.531968	0.356093	0.558653	0.592129	0.532009	0.536335	0.612047	0.50394	0.591865	0.535749
0.469826	0.430519	0.503291	0.494067	0.448152	0.543599	0.551071	0.477319	0.617639	0.567433
0.477042	0.549685	0.507361	0.43277	0.499132	0.73124	0.650889	0.53969	0.698125	0.756648
0.475062	0.558872	0.553318	0.521517	0.498473	0.604017	0.502396	0.457755	0.543748	0.499477
0.549585	0.576238	0.494603	0.611735	0.651677	0.562309	0.493552	0.573784	0.528344	0.522142
0.724287	0.614958	0.643024	0.761161	0.516631	0.574721	0.556486	0.606418	0.540031	0.650867
0.473091	0.716676	0.690195	0.678524	0.621799	0.522859	0.553383	0.621448	0.53269	0.605011
0.567948	0.594326	0.706053	0.700422	0.577738	0.537778	0.497611	0.478612	0.560493	0.573739

0.744627	0.619383	0.856352	0.745458	0.596313	0.72675	0.58049	0.636086	0.726748	0.695787
0.784361	0.64787	0.83266	0.684669	0.559168	0.742674	0.717687	0.701213	0.620303	0.556613
0.772446	0.777494	0.647705	0.612607	0.546478	0.584269	0.520642	0.549487	0.656504	0.568216
0.860451	0.925531	0.73499	0.744273	0.850195	0.693441	0.610281	0.694775	0.540031	0.793233
0.804977	0.981143	0.932694	0.813378	0.96665	0.744997	0.824607	0.866226	0.685525	0.761515
0.697104	0.889287	0.974566	0.791732	0.872989	0.943875	0.947185	0.797647	0.740623	0.805244
1.00975	0.741874	0.873425	0.968431	0.789502	0.685244	1.072813	0.895652	0.602846	0.901829
0.964796	0.731388	0.848809	1.010006	0.929565	1.038087	1.013201	0.930871	0.661371	0.938856
0.652287	0.729092	0.904593	0.645257	0.806568	0.988431	0.687192	0.76515	0.846544	0.717346
0.730171	0.716676	0.87501	0.689857	0.729481	0.955065	0.560395	0.633303	0.86806	0.530686
0.90771	0.973036	0.783652	0.972414	1.286753	1.291752	0.807624	0.979335	0.73363	0.749449
1.014284	1.042574	1.164502	1.051163	1.240737	1.203024	0.921185	0.890607	0.916339	1.081348
1.085982	0.778776	0.896171	0.821782	0.862202	0.719002	0.715437	0.80308	0.828913	0.794551
0.893675	0.629279	0.773473	1.068285	0.953307	0.614239	0.947185	1.009041	0.667285	0.872425
0.754538	0.776215	0.988782	1.251824	1.259321	1.140822	1.169774	1.080491	0.884109	1.099614
0.721956	0.846734	1.080378	0.872744	0.750145	1.112772	0.727962	0.776571	0.828913	1.071245
0.812072	0.73835	0.938171	0.744273	0.743147	0.922324	0.70986	0.963231	1.035077	0.685395
0.743403	0.722275	0.87027	0.902357	1.19257	1.223565	0.89326	1.198784	1.039731	0.710765
0.773754	0.62206	0.909725	0.994998	0.775567	0.84545	0.912264	0.844642	0.874408	0.671253
0.730171	0.708955	0.728139	0.636862	0.748971	0.723413	0.73495	0.909399	0.797	0.697895
0.749554	0.840769	0.709295	0.645257	0.868333	0.75086	0.620985	1.289149	0.932483	0.761515
0.764681	0.955329	0.8782	0.7326	0.712981	0.710313	0.779415	0.927218	0.791682	0.687454
1.028179	0.813508	0.91318	0.79438	0.656389	0.716814	0.84228	0.641705	0.693885	0.776451
0.828101	0.736017	1.075309	0.733753	0.510494	0.848396	0.964761	0.569772	0.871223	0.724028
0.97927	0.940174	1.053204	0.681586	0.640573	1.052031	0.954909	0.812754	0.869638	0.935191
0.718482	0.698159	0.659151	0.861752	0.890499	0.759203	0.799376	0.899048	0.771037	0.827452
0.639601	0.657472	0.788832	0.787791	0.851677	0.814303	0.591318	0.804449	0.719974	0.625094
0.54107	0.816298	0.88791	0.712349	1.011471	0.943875	0.7666	1.033895	0.980757	0.786702
0.598345	0.644087	0.842867	0.726879	0.710827	0.791677	1.490679	0.835711	0.768524	0.817596
0.843206	0.644087	0.73041	0.816162	0.673788	0.578674	1.022206	0.673979	0.642221	0.890156
0.737339	0.55349	0.787531	0.879152	0.670839	0.843985	0.760332	0.599521	1.124734	0.89346
0.627274	0.530422	1.018692	1.073303	1.00933	1.237819	0.868617	0.983457	1.157216	1.232658
0.662305	0.795795	0.871845	0.814768	0.821552	0.746163	0.548007	0.804449	0.897389	0.707512
0.613473	0.653606	0.936338	0.608261	0.706552	0.762828	0.545722	0.650272	1.084025	0.707512
0.691649	0.831974	0.762301	0.609994	0.775567	0.748505	0.72451	0.815558	0.954986	1.042275
0.97094	0.679377	0.695417	0.570983	0.582508	0.723413	0.71097	0.847661	0.615873	0.850857
0.646386	0.646921	0.60217	0.761161	0.691913	0.644579	0.775531	0.711052	0.699192	1.015117
0.712753	0.641272	0.632899	0.805134	0.579322	0.658669	0.78729	0.755245	0.869638	0.910363
0.93342	0.892611	0.97858	0.912695	0.811957	0.73237	0.79262	0.927218	0.890698	0.891805
0.725458	0.672287	0.88955	0.879152	0.795987	0.663469	0.646078	0.746759	0.976692	0.953836
0.640564	0.586011	1.0986	0.774906	0.683764	0.77389	0.71097	0.637017	1.121898	0.731957
0.755793	0.690758	0.773473	0.73145	0.813315	0.709239	0.775531	0.738436	0.827476	0.654677
0.829588	0.732541	0.579062	0.757486	0.879275	0.635433	0.703262	0.829857	0.703485	0.740032
0.812072	0.723404	0.712561	0.871156	0.902021	0.701795	0.900075	0.747961	0.565175	0.963468
1.007501	0.649773	0.795395	1.001366	1.056666	0.748505	1.118593	1.07791	0.717739	1.403424
0.888526	0.971032	0.755009	0.799724	0.863727	0.612518	0.652828	1.135623	0.885747	0.836081
0.646386	0.761164	0.883028	0.837625	0.765706	0.759203	0.876677	0.724528	0.921654	0.867712

0.657267	0.693914	1.014291	0.689857	0.547952	1.076316	1.038429	0.752803	0.958853	0.880395
0.72312	0.687624	0.765993	0.645257	0.643322	0.756803	0.837794	1.026975	0.807836	0.738869
0.954746	0.842253	0.777262	0.806497	0.88405	0.858865	0.843786	1.090971	0.968673	0.714043
1.105219	0.766123	0.902895	0.939669	0.820168	0.721202	1.045571	0.877434	0.674288	0.880395
1.088679	0.661374	0.718061	0.952855	0.811957	0.77764	0.651857	0.826959	0.795664	0.73771
0.727808	0.708955	0.769717	0.73491	0.764489	0.78524	0.631959	1.020162	0.884109	0.81069
0.731358	0.74781	0.859407	0.880769	0.869879	0.986396	0.761578	0.695841	0.797	0.838997
0.799383	0.57463	0.693321	0.964484	0.769378	0.825372	0.488863	0.62688	0.823192	0.824613
0.898885	0.857372	0.573472	0.714553	0.807909	0.693441	0.592162	0.88069	0.845047	0.69684
0.665356	0.920164	0.984673	0.695107	0.828537	0.581862	0.674751	0.844642	0.707821	0.695787
0.670488	0.90274	0.609867	0.851031	0.67182	0.469067	1.088426	0.785666	0.721095	0.890156
0.812072	0.973036	0.759856	1.00351	0.89376	0.806182	0.816033	0.66693	0.604561	0.516538
0.643465	0.702445	0.810193	0.668473	0.783112	0.759203	0.903522	0.72567	0.659418	0.742367
0.725458	0.607106	0.583099	0.810613	0.541359	0.691377	0.981004	0.766405	0.769778	0.659487
0.916719	0.57463	0.529732	0.714553	0.453464	0.746163	0.894954	0.7639	0.778664	0.81069
0.740967	0.684513	0.644891	0.696165	0.527761	0.589936	0.500339	0.726815	0.716625	0.660455
0.574521	0.629279	0.788832	0.649041	0.783112	0.807525	0.652828	0.634229	0.73363	0.611025
0.620779	0.772403	0.659151	0.560009	0.90537	0.487339	0.66967	0.501886	0.452496	0.607578
0.876745	0.834886	0.743121	0.598849	0.888878	0.633627	0.618284	0.723389	0.698125	0.589094
0.60274	0.573028	0.657222	0.465751	0.648874	0.696555	0.577211	0.624155	0.562048	0.587451
0.698203	0.612325	0.548797	0.622326	0.751323	0.491867	0.608523	0.591051	0.422115	0.710765
0.739754	0.583547	0.580673	0.82462	0.632427	0.480951	0.80074	0.641705	0.413732	0.710765
0.611666	0.684513	0.535509	0.658648	0.593844	0.464769	0.647036	0.636086	0.60801	0.472242
0.42009	0.46278	0.612463	0.650946	0.596313	0.661543	0.611163	0.493095	0.744162	0.537207
0.500833	0.56354	0.596277	0.543306	0.635125	0.640897	0.488863	0.771458	0.710006	0.497474
0.569582	0.658445	0.454799	0.417452	0.7478	0.689323	0.547244	0.918217	0.976692	0.734249
0.626341	0.51757	0.577458	0.500094	0.613995	0.664436	0.483566	0.701213	0.659418	0.547548
0.624479	0.536994	0.517704	0.638714	0.657337	0.561545	0.530062	0.656078	0.552802	0.412443
0.507168	0.513369	0.608145	0.852546	0.676756	0.485413	0.534479	0.565797	0.513468	0.580138
0.453859	0.527533	0.624788	0.579804	0.51253	0.528482	0.484885	0.528652	0.567534	0.648974
0.662305	0.532602	0.682989	0.630442	0.588949	0.648292	0.625524	0.568178	0.457364	0.621534
0.641529	0.684513	0.640239	0.526504	0.73969	0.738064	0.591318	0.651234	0.430087	0.535022
0.586269	0.672287	0.692276	0.573371	0.792084	0.681203	0.706549	0.596962	0.652649	0.526393
0.443327	0.557328	0.587994	0.50484	0.588139	0.446232	0.45863	0.709948	0.68346	0.591568
0.514316	0.540688	0.423926	0.407532	0.661152	0.414628	0.461123	0.684253	0.544495	0.548297
0.551152	0.575433	0.430726	0.612607	0.695008	0.699691	0.678858	0.524315	0.64978	0.608438
0.551152	0.401566	0.537696	0.664516	0.482946	0.77764	0.701085	0.417697	0.676309	0.729677
0.618941	0.371397	0.674897	0.640573	0.464896	0.599828	0.536704	0.477965	0.763541	0.75544
0.471129	0.560423	0.540628	0.45105	0.554647	0.833864	0.599835	0.603819	0.938	0.577727
0.475721	0.545163	0.542102	0.650946	0.646089	0.730114	0.831883	0.542681	0.624779	0.651816
0.489115	0.503041	0.517006	0.608261	0.555397	0.507087	0.575582	0.52938	0.476763	0.324493
0.467879	0.573828	0.57268	0.494733	0.706552	0.700742	0.53969	0.663943	0.56127	0.501489
0.578681	0.714456	0.631084	0.546295	0.662111	0.591569	0.703262	0.709948	0.810588	0.745894
0.769842	0.581097	0.66597	0.726879	0.577738	0.610805	0.782024	0.575399	0.631124	0.760293
0.800775	0.406441	0.5473	0.750229	0.626196	0.67028	0.765339	0.655105	0.67936	0.802546
0.510013	0.37747	0.783652	0.678524	0.48806	0.755608	0.804857	0.699056	0.871223	0.702143
0.667401	0.614958	1.012107	0.863305	0.647944	0.72675	0.854475	0.645491	0.630212	0.711855

0.83108	0.766123	0.575859	0.603102	0.592207	0.60486	0.570728	0.672965	0.680381	0.680291
0.637682	0.74781	0.479007	0.586334	0.810604	0.838172	0.501023	0.863076	0.837639	0.630489
0.554301	0.884347	0.616824	0.750229	1.099165	0.778898	0.597262	0.929041	0.777383	0.97133
0.698203	0.774941	0.947457	0.869575	0.756065	0.602337	0.754153	0.715498	0.529065	0.901829
0.754538	0.506456	0.499929	0.81756	0.687819	0.623825	0.943374	0.654134	0.579529	0.89346
0.640564	0.51757	0.738456	0.675484	0.601291	0.932966	0.976886	0.600377	0.851065	0.953836
0.606288	0.69286	1.02091	0.928678	0.784383	0.927612	1.083159	0.770189	0.718855	0.69056
0.724287	0.816298	0.61073	0.713449	0.700218	0.781424	0.802108	0.644542	0.724478	0.612759
0.526745	0.755043	0.721394	0.565461	0.700218	0.996669	0.661663	0.690535	0.857169	0.674245
0.434842	0.868277	0.687092	0.700422	0.978422	1.135065	1.154085	1.040928	0.794333	0.716242
0.618941	0.780061	1.014291	1.194823	1.00933	0.73237	1.604783	1.129784	0.682432	0.844886
0.826619	0.543667	0.818483	0.882392	0.769378	0.688299	0.827503	0.648353	0.776107	0.92616
0.843206	0.434569	0.751408	0.657678	0.573803	0.831015	0.772961	0.760169	1.323245	1.425429
0.765965	0.596009	1.206712	1.096633	0.700218	0.772647	0.862275	0.835711	0.877618	0.882007
1.01657	0.959202	0.718061	0.726879	0.579322	0.734639	0.851394	1.00685	1.051588	0.678266
0.712753	0.975048	0.825513	0.621433	0.807909	1.038087	0.712082	1.013455	1.037398	0.714043
0.520852	1.019624	0.763528	0.660596	1.06874	0.982353	1.169774	1.141541	0.816145	1.138625
0.835588	0.916623	0.9608	0.786485	0.773081	0.799528	1.962217	1.067736	0.771037	1.519583
0.897141	0.857372	0.988782	0.978458	0.360295	1.317087	1.563327	0.673979	0.984861	1.43111
0.886823	0.790487	1.530996	1.014391	0.690886	1.684311	0.888218	1.017915	0.976692	1.51263
1.323226	0.874634	0.940013	1.138537	1.209166	0.875846	0.962772	1.241621	0.836172	0.967381
1.134268	1.033248	1.023139	1.014391	1.329215	1.007191	0.84078	0.899048	1.154161	0.901829
0.873437	1.557698	1.18672	0.837625	0.978422	0.866502	0.843786	1.57472	1.212745	1.037629
1.377547	1.030947	1.140429	0.937818	0.703373	0.947573	0.987255	0.768924	1.21977	1.125187
1.708179	0.794461	2.296386	1.188197	0.953307	1.382674	1.172981	0.879059	1.459352	1.262632
0.911291	0.797132	0.952879	0.707974	0.832783	1.112772	0.854475	0.934555	1.51155	1.096957
1.003036	1.108626	1.030752	2.00627	1.407184	0.972409	1.622541	0.846149	0.928843	1.006429
1.025832	0.855836	1.268934	1.530304	0.859169	0.730114	1.238899	2.166561	1.237847	0.777719
1.110876	1.431372	1.183475	0.830352	1.495689	1.143729	1.050399	1.455392	0.953066	0.801203
1.137283	0.887634	1.284967	1.191497	1.259321	1.045003	0.538194	0.766405	0.827476	1.004284
1.347079	1.103173	1.664754	1.359253	1.073665	1.705055	1.093757	0.689482	0.769778	0.809322
1.838558	1.387511	1.58453	1.138537	1.259321	1.176539	1.070265	0.771458	1.721365	0.838997
1.283338	1.681917	1.576466	1.717079	1.29492	0.852852	1.518298	1.408874	1.051588	1.290671
2.131155	1.652146	0.921942	0.795709	1.093944	0.818421	1.050399	1.205637	0.86492	0.827452
1.823612	1.394833	1.152299	0.778731	1.251792	0.851361	1.29908	2.362675	0.799684	0.8232
1.054867	1.520733	1.268934	0.968431	0.807909	0.95886	0.972806	0.663943	0.602846	0.983397
1.030538	0.989404	1.24969	1.018821	0.924266	1.161594	0.945275	0.62597	0.813358	0.866153
1.09687	1.449034	1.261134	0.923284	1.189325	1.539284	0.662656	0.801715	0.927034	0.93702
1.032911	1.220696	2.582581	1.144443	0.990523	1.009327	0.784649	0.684253	0.681405	1.000025
0.832578	0.61584	1.009934	1.271289	0.992573	0.772647	0.932138	0.665932	0.701333	0.81482
0.656267	0.650728	0.604721	0.664516	0.972496	0.766484	0.605027	0.738436	0.665305	0.370203
0.898885	0.797132	0.724753	0.676495	0.627967	0.578674	0.519211	0.689482	0.632038	0.464147
0.677778	0.581097	0.659151	0.583874	0.471654	0.527775	0.52933	0.551015	0.497069	0.582562
0.570401	0.482444	0.534783	0.533001	0.336974	0.494476	0.66665	0.555629	0.586064	0.569001
0.417198	0.601095	0.568738	0.465751	0.54501	0.736919	0.405475	0.510162	0.575494	0.589094
0.590544	0.525379	0.454799	0.442109	0.483582	0.621189	0.596408	0.475387	0.562828	0.580945
0.457638	0.388827	0.483498	0.362051	0.537019	0.533463	0.551071	0.629621	0.511384	0.45198

0.404701	0.409722	0.464568	0.515187	0.550172	0.433541	0.457389	0.609908	0.419863	0.325389
0.480362	0.657472	0.625681	0.535189	0.467341	0.493823	0.453074	0.516474	0.446486	0.459239
0.512877	0.425368	0.625681	0.607397	0.377398	0.499741	0.612047	0.42737	0.2601	0.542347
0.613473	0.423664	0.514229	0.45105	0.398329	0.469685	0.507929	0.454068	0.450082	0.557377
0.430066	0.525379	0.410091	0.392012	0.37195	0.484134	0.533001	0.587709	0.588541	0.518631
0.436646	0.531147	0.459046	0.4059	0.422527	0.445647	0.641321	0.560292	0.45859	0.470986
0.475062	0.477284	0.495929	0.413015	0.511171	0.513874	0.566725	0.615196	0.521197	0.532127
0.559869	0.53773	0.441131	0.429319	0.473516	0.503733	0.471879	0.577833	0.417065	0.511005
0.450735	0.3719	0.462105	0.556156	0.485495	0.505742	0.626437	0.493765	0.423245	0.396316
0.444553	0.340373	0.370055	0.564678	0.403591	0.575509	0.587957	0.31229	0.524756	0.407542
0.380736	0.491625	0.448208	0.46018	0.424744	0.716814	0.589634	0.501204	0.360655	0.589094
0.535737	0.575433	0.558653	0.394648	0.477891	0.506414	0.568322	0.46397	0.403341	0.484998
0.355017	0.396213	0.488036	0.460795	0.483582	0.503733	0.443968	0.468374	0.476763	0.436656
0.305062	0.414135	0.409547	0.356687	0.585717	0.52707	0.454918	0.544184	0.513468	0.448991
0.372339	0.57866	0.492623	0.431041	0.466117	0.49317	0.445774	0.45468	0.384827	0.400026
0.502934	0.391977	0.383165	0.448648	0.365598	0.268171	0.408786	0.522162	0.422679	0.383319
0.438458	0.406986	0.431298	0.275578	0.21779	0.354727	0.370117	0.372827	0.48386	0.370203
0.40977	0.320707	0.464568	0.255924	0.211963	0.484773	0.534479	0.374353	0.370563	0.508948
0.371819	0.295097	0.33067	0.402117	0.25563	0.419005	0.428043	0.392553	0.405508	0.400026
0.314058	0.322051	0.332033	0.33036	0.36803	0.366747	0.366584	0.32121	0.436456	0.41354
0.266738	0.442782	0.493282	0.434505	0.428092	0.370172	0.339308	0.357373	0.507933	0.467242
0.2643	0.457234	0.442302	0.432193	0.446396	0.407609	0.353707	0.397897	0.358213	0.345572
0.483036	0.45969	0.346845	0.358143	0.465506	0.487983	0.358615	0.387275	0.287362	0.376712
0.309987	0.318033	0.457828	0.471395	0.44117	0.495131	0.441571	0.365281	0.346677	0.560446
0.273723	0.209657	0.435897	0.476474	0.476011	0.430143	0.346928	0.33962	0.3272	0.434923
0.110602	0.089968	0.369559	0.375506	0.349411	0.458703	0.378303	0.362794	0.422679	0.389509
0.283779	0.335257	0.424488	0.408623	0.440593	0.572367	0.498292	0.452846	0.475485	0.524262
0.473747	0.363431	0.524739	0.451653	0.484857	0.435821	0.320371	0.349607	0.385864	0.41464
0.404701	0.450551	0.37757	0.253625	0.477263	0.522161	0.36558	0.304849	0.467268	0.385888
0.302842	0.343189	0.324813	0.359605	0.452871	0.309296	0.515654	0.46023	0.334979	0.350767
0.274137	0.346024	0.334772	0.531549	0.561446	0.460514	0.522798	0.489097	0.442919	0.300141
0.246434	0.349354	0.415021	0.448648	0.516631	0.414628	0.451848	0.548726	0.464149	0.402695
0.39419	0.301466	0.546554	0.408077	0.470418	0.49908	0.482909	0.451627	0.394249	0.468487
0.45954	0.460924	0.490651	0.361071	0.526354	0.532034	0.522078	0.516474	0.456753	0.531406
0.440278	0.744239	0.576658	0.378044	0.445812	0.691377	0.512829	0.51436	0.662352	0.715141
0.922215	0.799819	0.624788	0.728018	0.727244	0.821188	0.575582	0.942019	0.7418	0.648974
0.868521	0.842253	0.909725	0.818963	0.735123	1.230633	1.075377	1.392638	0.932483	0.883625
1.246808	0.97707	1.645602	1.364156	1.229956	1.123775	0.537688	0.268844	0.134422	0.067211
0.488535	0.244268	0.122134	0.061067	0.030533	0	0	0	0	0
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1.047424	1.231484	0.99923	1.07838	0.842855	1.403388	1.238899	1.264735	0.916339	0.843406
0.675683	0.777494	0.418894	0.563896	0.733989	0.849876	0.695689	0.760169	0.86806	0.717346

0.488435	0.436899	0.461491	0.438583	0.395722	0.663469	0.662656	0.494436	0.644099	0.552057
0.336441	0.412475	0.480285	0.440342	0.359337	0.517308	0.460498	0.421087	0.309428	0.313889
0.338359	0.417474	0.412823	0.399435	0.295844	0.43411	0.498973	0.390963	0.228267	0.373695
0.469826	0.360971	0.390913	0.592964	0.623552	0.697598	0.935851	0.535241	0.522617	0.631395
0.512877	0.624753	0.661088	0.939669	1.164207	0.913651	0.900075	0.693711	0.872813	1.251148
0.35203	0.494952	0.558653	0.828912	0.814677	0.511827	0.407679	0.811359	1.25671	1.028484
0.316337	0.38674	0.355404	0.482907	0.459443	0.464159	0.545722	0.555629	0.817545	0.806599
-0.0694	0.402645	0.490651	0.484205	0.359337	0.612518	0.480942	0.46397	0.465394	0.440145
-0.15955	0.548928	0.443425	0.958631	0.709754	0.657715	0.527142	0.42737	0.418182	0.405381
1.054867	0	0	0	0	0	0.213685	1.739804	1.649057	0.846371
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0.015838	0.007919	0	0	0	0	0	0	0	0
1.005725	0.982024	0.639336	0.319668	0.80614	1.472926	0.630978	0.315489	0.157745	0.078872
1.064441	0.819019	0.702878	1.295761	1.292611	1.378213	1.261956	1.337165	1.396092	0.890582
0.454474	0.62004	0.819976	0.659065	0.641235	0.814433	1.140071	1.061625	1.226347	1.12236
0.580284	0.801355	0.909873	0.437839	0.367674	0.784084	0.735065	0.615366	0.748383	0.902059
0.708513	0.679141	0.613344	0.734535	0.63295	0.580327	0.570505	0.642594	0.505165	0.589067
0.76535	0.451963	0.592121	0.77971	0.686241	0.567755	0.628364	0.387813	0.417244	0.525295
0.653542	0.459169	0.74201	0.757725	0.850998	0.69769	0.740754	0.804096	0.720109	0.787375
0.563941	0.516715	0.501251	0.643225	0.698792	0.732473	0.470695	0.530892	0.744892	0.571642
0.416418	0.546029	0.605584	0.405436	0.472417	0.627437	0.505908	0.276725	0.511214	0.336912
0.550406	0.489255	0.529002	0.190338	0.416895	0.718004	0.520144	0.39676	0.619849	0.784831
0.545254	0.355191	0.519086	0.477205	0.524572	0.616036	0.6153	0.796021	0.620719	0.543827
0.717122	0.426516	0.59796	0.497003	0.601305	0.518047	0.570505	0.724843	0.714669	0.608908
0.612371	0.428769	0.64026	0.562466	0.621255	0.57715	0.556794	0.656875	0.522181	0.66964
0.456855	0.472076	0.441683	0.554189	0.63938	0.581125	0.512629	0.57267	0.554599	0.44523
0.585872	0.473326	0.407336	0.449396	0.357884	0.503111	0.54423	0.511766	0.445395	0.454023
0.452697	0.447813	0.617716	0.570905	0.514738	0.484177	0.764286	0.571874	0.562144	0.685492
0.554123	0.613079	0.565607	0.611474	0.616839	0.287652	0.607646	0.645413	0.724511	0.579476
0.410477	0.530054	0.412236	0.498967	0.547924	0.501779	0.516029	0.448666	0.685401	0.506852
0.537998	0.540152	0.346793	0.6253	0.709535	0.373156	0.507913	0.619787	0.617249	0.442915
0.616662	0.719113	0.383632	0.635067	0.700919	0.603243	0.598471	0.494112	0.615524	0.526692
0.497496	0.654717	0.53915	0.403852	0.460607	0.427926	0.499947	0.510382	0.411826	0.474018
0.567007	0.440791	0.576658	0.533804	0.51059	0.232042	0.713026	0.552419	0.374695	0.414973
0.662075	0.520186	0.706098	0.616607	0.626613	0.57557	0.727223	0.631497	0.62159	0.549692
0.479521	0.453753	0.437601	0.372822	0.421354	0.596572	0.464588	0.536725	0.573712	0.504185
0.42911	0.493822	0.379043	0.377263	0.458772	0.348629	0.167885	0.481003	0.526366	0.467861
0.608123	0.440791	0.426144	0.468551	0.523862	0.510515	0.277362	0.51246	0.508515	0.593126
0.531571	0.611356	0.643979	0.503586	0.261098	0.492563	0.42686	0.367957	0.345544	0.394878
0.349518	0.334709	0.389828	0.441849	0.244382	0.150173	0.340894	0.411361	0.293757	0.262307

0.45985	0.355668	0.377524	0.442425	0.409201	0.249551	0.505242	0.518048	0.496573	0.367832
0.44566	0.500431	0.42898	0.411297	0.49905	0.657796	0.538442	0.506257	0.661794	0.352097
0.221977	0.378191	0.529002	0.390866	0.437329	0.498465	0.513986	0.411911	0.517349	0.502858
0.389022	0.462818	0.3715	0.280715	0.375164	0.41303	0.387555	0.333068	0.487507	0.384159
0.362291	0.385796	0.436441	0.356917	0.503088	0.485456	0.477513	0.39676	0.420527	0.45225
0.292787	0.359021	0.424451	0.355971	0.366191	0.37514	0.381003	0.318615	0.307934	0.361087
0.330367	0.454352	0.373499	0.372332	0.424728	0.309741	0.292599	0.429326	0.362991	0.321803
0.473898	0.405679	0.321635	0.43841	0.414132	0.394971	0.421336	0.392526	0.296226	0.305516
0.487774	0.530054	0.435863	0.360719	0.451506	0.450387	0.442712	0.408073	0.413444	0.273103
0.450338	0.327942	0.349154	0.418872	0.42756	0.508483	0.539161	0.403189	0.404353	0.326193
0.398311	0.391977	0.187375	0.429929	0.379212	0.472826	0.494066	0.328499	0.473631	0.479007
0.387493	0.372698	0.392436	0.412909	0.428128	0.551788	0.600955	0.539671	0.368316	0.552654
0.442761	0.378191	0.444033	0.367456	0.432704	0.487383	0.484439	0.462673	0.497884	0.469086
0.357042	0.309107	0.395059	0.368913	0.495049	0.574782	0.427416	0.529446	0.625095	0.515634
0.505434	0.393536	0.417191	0.410226	0.582231	0.453352	0.463377	0.574268	0.511892	0.567777
0.502109	0.371707	0.464539	0.378257	0.415788	0.430741	0.427416	0.502171	0.446559	0.515634
0.540886	0.419274	0.439345	0.467939	0.329773	0.376634	0.533439	0.619787	0.491369	0.419872
0.414248	0.347163	0.630196	0.52605	0.330682	0.470963	0.513307	0.399962	0.507843	0.542373
0.612371	0.531482	0.494582	0.52745	0.518224	0.470344	0.481277	0.381606	0.420527	0.540924
0.466512	0.505118	0.548041	0.468551	0.435589	0.507134	0.572832	0.496781	0.417789	0.466031
0.450927	0.424834	0.470134	0.410226	0.357884	0.482901	0.49019	0.368953	0.46139	0.536605
0.450927	0.444873	0.371999	0.423813	0.323021	0.518047	0.451448	0.446275	0.565199	0.479635
0.621867	0.522282	0.361643	0.363594	0.4236	0.315335	0.392663	0.36746	0.568275	0.504185
0.447408	0.5181	0.356797	0.225593	0.523153	0.327635	0.419146	0.521578	0.501178	0.461188
0.550406	0.491207	0.455373	0.491806	0.420794	0.297932	0.630136	0.445085	0.423282	0.518372
0.480781	0.598648	0.488014	0.513653	0.503088	0.352386	0.574391	0.433936	0.436756	0.282975
0.377435	0.318204	0.427843	0.489874	0.404326	0.430741	0.476265	0.348969	0.38876	0.361566
0.292378	0.306543	0.518387	0.434998	0.318577	0.466033	0.513307	0.415783	0.410214	0.450485
0.516932	0.583068	0.593781	0.403325	0.364714	0.433007	0.499289	0.414119	0.358682	0.361566
0.328142	0.522983	0.632918	0.4367	0.442591	0.438723	0.375041	0.457138	0.537009	0.362524
0.389533	0.423717	0.468884	0.509599	0.531014	0.330765	0.375041	0.543382	0.447143	0.361087
0.450927	0.443119	0.422204	0.419419	0.570229	0.426245	0.292599	0.448666	0.480514	0.477755
0.404087	0.504445	0.389828	0.321051	0.39791	0.376135	0.416967	0.536725	0.433914	0.455804
0.405676	0.449587	0.421645	0.390866	0.448514	0.340751	0.384518	0.459589	0.270982	0.451073
0.431355	0.394057	0.411688	0.334774	0.294498	0.430177	0.494716	0.371455	0.209049	0.424827
0.456855	0.563383	0.442856	0.378257	0.310257	0.405503	0.439839	0.428181	0.410214	0.532329
0.309467	0.420935	0.464539	0.461871	0.335711	0.477834	0.445605	0.39676	0.415068	0.417144
0.395193	0.379198	0.318976	0.471622	0.401106	0.493215	0.475642	0.361535	0.415068	0.455209
0.329476	0.506466	0.375004	0.376273	0.342199	0.477834	0.456776	0.433936	0.310485	0.437751
0.281481	0.467731	0.381587	0.346628	0.314616	0.32497	0.42686	0.383149	0.416155	0.484689
0.375451	0.380711	0.387753	0.449982	0.414132	0.365311	0.434714	0.388856	0.343699	0.432085
0.40727	0.40301	0.480901	0.331191	0.310257	0.279201	0.36916	0.411361	0.382676	0.438322
0.404087	0.322161	0.514905	0.36552	0.290335	0.332113	0.398352	0.401573	0.319967	0.427047
0.40727	0.3439	0.455978	0.372332	0.358853	0.303796	0.305858	0.406983	0.434481	0.448726
0.391069	0.462208	0.459016	0.368913	0.363732	0.315769	0.270327	0.332609	0.378169	0.365895
0.335753	0.397196	0.401421	0.42161	0.390021	0.340751	0.327422	0.330778	0.353003	0.245499
0.375451	0.378191	0.371999	0.405966	0.381761	0.325413	0.373563	0.409714	0.36978	0.253262

0.360853	0.349508	0.386719	0.391378	0.337555	0.301273	0.427973	0.321736	0.334591	0.309743
0.388002	0.260494	0.386203	0.371842	0.280909	0.318814	0.345019	0.344232	0.319097	0.336009
0.363252	0.441953	0.456584	0.383759	0.356435	0.406036	0.321276	0.424198	0.344621	0.314012
0.365665	0.379198	0.349154	0.439553	0.458161	0.372168	0.343181	0.392526	0.369291	0.432085
0.350919	0.407288	0.370007	0.37975	0.450906	0.429613	0.305858	0.378535	0.417789	0.412276
0.437021	0.569586	0.486712	0.421061	0.550179	0.495832	0.489547	0.561649	0.567504	0.462394
0.461656	0.547511	0.557117	0.507585	0.507847	0.590001	0.609336	0.461437	0.42273	0.452841
0.476388	0.418171	0.442856	0.546066	0.456944	0.434144	0.658567	0.560097	0.422178	0.524597
0.377435	0.465268	0.375507	0.392917	0.391065	0.470963	0.513986	0.458975	0.51325	0.485325
0.444498	0.474579	0.491943	0.619197	0.446729	0.415205	0.517396	0.463292	0.474252	0.449312
0.487134	0.485379	0.505982	0.449982	0.35355	0.382155	0.404117	0.473324	0.51257	0.506852
0.486494	0.441372	0.51352	0.469777	0.507164	0.388259	0.339528	0.467653	0.516663	0.515634
0.48015	0.493167	0.64026	0.699828	0.604709	0.562367	0.551576	0.552419	0.518724	0.458188
0.434746	0.480899	0.519086	0.709312	0.554724	0.426805	0.513986	0.475231	0.36203	0.472162
0.459249	0.468968	0.587179	0.530968	0.500391	0.543653	0.465802	0.401035	0.522181	0.512913
0.471422	0.361432	0.617716	0.575578	0.474311	0.555537	0.556045	0.492783	0.499199	0.455209
0.510807	0.36337	0.445213	0.570905	0.492402	0.461158	0.465195	0.501493	0.503832	0.444071
0.418599	0.467114	0.441683	0.427138	0.541228	0.50045	0.450273	0.477787	0.454802	0.473399
0.463471	0.512587	0.457798	0.411834	0.585489	0.477205	0.540603	0.468907	0.523572	0.532329
0.540162	0.431601	0.411142	0.392404	0.559318	0.430741	0.482539	0.574268	0.489434	0.469699
0.553377	0.501098	0.421645	0.424365	0.558549	0.50916	0.523603	0.579096	0.490723	0.463603
0.558627	0.511902	0.6861	0.653408	0.536091	0.567755	0.596002	0.598966	0.61295	0.504185
0.575552	0.499766	0.671933	0.744817	0.563183	0.557046	0.603452	0.560872	0.505833	0.495629
0.508784	0.525797	0.518387	0.469163	0.421914	0.573996	0.517396	0.486853	0.518724	0.470929
0.455663	0.672163	0.557882	0.60893	0.504442	0.551788	0.535576	0.525137	0.697704	0.559394
0.57087	0.674145	0.655328	0.883999	0.634777	0.550298	0.651983	0.6492	0.596168	0.561665
0.52804	0.553489	0.583914	0.607242	0.638456	0.496489	0.597647	0.788093	0.559866	0.55117
0.669802	0.391459	0.552555	0.619197	0.552445	0.625663	0.660467	0.763901	0.644895	0.557136
0.604753	0.236633	0.621245	0.662878	0.687274	0.784084	0.775306	0.661742	0.598644	0.653408
0.708513	0.420381	0.564051	0.628826	0.658295	0.686349	0.660467	0.624254	0.536291	0.475882
0.627136	0.539423	0.560956	0.48795	0.51059	0.488672	0.49277	0.510382	0.616386	0.504185
0.485856	0.586302	0.636573	0.63417	0.567083	0.654001	0.458566	0.535992	0.727842	0.60722
0.614941	0.636121	0.682005	0.810871	0.616839	0.621261	0.708749	0.704932	0.725619	0.723427
0.603078	0.565699	0.468261	0.549002	0.713907	0.583528	0.694104	0.709278	0.555347	0.570866
0.655424	0.453155	0.541355	0.559438	0.481328	0.55856	0.644578	0.677693	0.635783	0.655287
0.682661	0.552737	0.663063	0.607242	0.512659	0.495832	0.602618	0.600663	0.672455	0.758979
0.625372	0.584682	0.602179	0.477205	0.463684	0.48674	0.494716	0.598966	0.624216	0.700898
0.52804	0.42149	0.528287	0.567817	0.475578	0.610874	0.485074	0.53307	0.743734	0.743715
0.597267	0.487313	0.579064	0.72449	0.554724	0.560079	0.511276	0.509692	0.626859	0.686502
0.623616	0.576671	0.517688	0.743663	0.603004	0.52501	0.630136	0.498122	0.589633	0.47278
0.682661	0.614809	0.507343	0.662878	0.685212	0.625663	0.603452	0.555474	0.523572	0.551912
0.725905	0.602843	0.589643	0.558684	0.512659	0.565438	0.699278	0.602367	0.454802	0.623532
0.859959	0.571935	0.571098	0.581094	0.611599	0.561603	0.536291	0.579906	0.551617	0.63416
0.683666	0.429334	0.491943	0.603886	0.525283	0.506461	0.42686	0.513154	0.569048	0.689547
0.528744	0.5181	0.648672	0.618332	0.538285	0.555537	0.505908	0.598966	0.694595	0.654346
0.577911	0.656621	0.788913	0.903548	0.71611	0.640974	0.631915	0.744525	0.739134	0.604699
0.504101	0.625335	0.57586	0.621802	0.644969	0.564668	0.534862	0.724843	0.78621	0.656229

0.608123	0.503103	0.474535	0.58829	0.71281	0.576359	0.622219	0.691099	0.672455	0.616589
0.815502	0.397196	0.566387	0.685475	0.562407	0.518739	0.595183	0.592241	0.544252	0.661926
0.676679	0.59202	0.660146	0.63417	0.60814	0.497805	0.535576	0.638863	0.682379	0.590686
0.512839	0.495795	0.694408	0.694647	0.572603	0.502445	0.618746	0.600663	0.592888	0.631479
0.551889	0.435598	0.689197	0.6253	0.554724	0.572427	0.555297	0.505573	0.725619	0.582649
0.623616	0.648118	0.670938	0.617469	0.589595	0.511875	0.595183	0.588917	0.710365	0.683479
0.567007	0.579858	0.458407	0.589097	0.692471	0.619512	0.506575	0.591408	0.599473	0.553398
0.632469	0.548998	0.369511	0.589097	0.701987	0.566209	0.575173	0.586441	0.519413	0.637761
0.68771	0.688281	0.595448	0.737935	0.817661	0.708263	0.789166	0.687968	0.466856	0.621786
0.63516	0.622679	0.438181	0.575578	0.688308	0.55856	0.605125	0.672645	0.432218	0.484689
0.614941	0.564925	0.439345	0.596429	0.457552	0.522212	0.579892	0.6492	0.544983	0.55117
0.484581	0.42149	0.628391	0.644141	0.509903	0.682297	0.588679	0.507628	0.595346	0.710411
0.530155	0.467114	0.568736	0.609777	0.63938	0.544387	0.631025	0.550142	0.520795	0.587453
0.485856	0.587928	0.419412	0.432174	0.583857	0.524309	0.502586	0.509003	0.657982	0.502858
0.55712	0.479628	0.397698	0.444157	0.573397	0.48036	0.501264	0.494112	0.646741	0.657173
0.636964	0.501098	0.498571	0.607242	0.681117	0.586752	0.706627	0.630585	0.575278	0.760176
0.540162	0.484094	0.514905	0.52745	0.676053	0.726851	0.630136	0.585619	0.588014	0.641393
0.576337	0.480899	0.526858	0.63958	0.626613	0.680285	0.735065	0.573469	0.550875	0.598048
0.564705	0.537968	0.707176	0.586681	0.580612	0.700835	0.698238	0.646356	0.625976	0.566241
0.706388	0.615676	0.58636	0.63417	0.603856	0.548813	0.573611	0.658815	0.649524	0.603027
0.516932	0.64254	0.471387	0.482228	0.628414	0.660664	0.518081	0.628767	0.652325	0.608908
0.655424	0.644391	0.46085	0.495047	0.571018	0.424571	0.502586	0.61012	0.548656	0.592311
0.660164	0.663352	0.62036	0.828732	0.599613	0.513923	0.679937	0.731688	0.598644	0.491737
0.53944	0.542346	0.600486	0.700872	0.667083	0.496489	0.591918	0.554708	0.552361	0.493679
0.548927	0.428769	0.57586	0.577933	0.519627	0.537831	0.556045	0.464534	0.539891	0.655287
0.706388	0.543816	0.634742	0.587485	0.645907	0.602404	0.67795	0.540411	0.630406	0.815029
0.676679	0.596151	0.550292	0.548266	0.687274	0.614309	0.479391	0.55701	0.688444	0.560907
0.610667	0.703955	0.545801	0.589097	0.588771	0.646509	0.602618	0.611862	0.740279	0.589067
0.803404	0.734819	0.5988	0.711448	0.562407	0.530662	0.65762	0.64825	0.645817	0.638666
0.667858	0.70502	0.585543	0.58348	0.592078	0.580327	0.630136	0.723712	0.709296	0.55117
0.504767	0.587114	0.447582	0.58829	0.656366	0.520124	0.548623	0.586441	0.538448	0.508192
0.571647	0.485379	0.522602	0.6253	0.56944	0.618641	0.517396	0.577481	0.449485	0.644136
0.752192	0.673153	0.658213	0.635067	0.610732	0.673317	0.71518	0.657844	0.569822	0.784831
0.527338	0.703955	0.559416	0.566282	0.698792	0.682297	0.563595	0.553944	0.649524	0.567008
0.612371	0.530054	0.497904	0.547531	0.583043	0.665487	0.543503	0.481649	0.633984	0.559394
0.727015	0.489905	0.535498	0.662878	0.63938	0.566209	0.626599	0.67871	0.695629	0.687515
0.576337	0.511902	0.499909	0.564752	0.570229	0.610019	0.56896	0.676679	0.723407	0.660019
0.598092	0.488607	0.557882	0.586681	0.469278	0.50916	0.698238	0.748092	0.592072	0.666731
0.636061	0.57272	0.67493	0.609777	0.553204	0.483538	0.698238	0.689009	0.669522	0.652472
0.555619	0.587928	0.568736	0.43841	0.557015	0.65875	0.656676	0.757752	0.724511	0.454616
0.476388	0.569586	0.619477	0.497656	0.581421	0.688389	0.631025	0.874754	0.62159	0.460587
0.622741	0.530054	0.534046	0.766143	0.659263	0.584332	0.631025	0.745711	0.578427	0.618315
0.703218	0.672163	0.559416	0.660015	0.688308	0.650239	0.660467	0.626053	0.654202	0.678486
0.608969	0.64532	0.555591	0.495047	0.635694	0.564668	0.674004	0.577481	0.510538	0.489161
0.644254	0.580658	0.627491	0.61489	0.696675	0.538555	0.65105	0.642594	0.521488	0.563947
0.646096	0.598648	0.660146	0.667691	0.685212	0.604085	0.694104	0.615366	0.595346	0.757786
0.536562	0.582263	0.691274	0.532384	0.51059	0.690438	0.443867	0.619787	0.683384	0.642305

0.600578	0.653768	0.663063	0.622674	0.591249	0.625663	0.478138	0.511074	0.643975	0.636858
0.664956	0.689308	0.463306	0.645059	0.541967	0.504448	0.516029	0.575872	0.553851	0.546749
0.549666	0.641617	0.497904	0.621802	0.555486	0.565438	0.597647	0.568702	0.583194	0.598874
0.572425	0.510537	0.447582	0.577933	0.481328	0.473449	0.596002	0.534529	0.525666	0.645975
0.656368	0.526504	0.49924	0.645978	0.539019	0.491262	0.752361	0.687968	0.694595	0.708279
0.555619	0.584682	0.561727	0.56095	0.549426	0.608315	0.60849	0.633327	0.580804	0.608063
0.532991	0.621798	0.711517	0.492452	0.463067	0.608315	0.604288	0.482297	0.507843	0.640482
0.664956	0.552737	0.611607	0.618332	0.531014	0.679283	0.583864	0.569493	0.588823	0.514952
0.731486	0.669206	0.595448	0.666724	0.679084	0.615172	0.533439	0.615366	0.744892	0.504185
0.604753	0.618289	0.583914	0.658117	0.60814	0.679283	0.521524	0.536725	0.657034	0.509535
0.563178	0.513958	0.467017	0.595608	0.592909	0.518047	0.610183	0.728252	0.584795	0.638666
0.654482	0.569586	0.579868	0.620063	0.616839	0.570864	0.808809	0.75169	0.638497	0.826046
0.609817	0.666269	0.656288	0.581094	0.630223	0.656844	0.582271	0.659789	0.856647	0.795098
0.669802	0.608785	0.663063	0.570131	0.507164	0.532086	0.539161	0.602367	0.703988	0.609755
0.772699	0.655668	0.572679	0.684467	0.645907	0.501779	0.542776	0.832154	0.720109	0.534462
0.627136	0.633399	0.646788	0.673538	0.72391	0.554785	0.574391	0.855983	0.646741	0.615729
0.849515	0.761923	0.629293	0.707187	0.685212	0.707194	0.721708	0.761431	0.656088	0.721231
0.772699	0.709308	0.790219	0.6253	0.469278	0.587562	0.914447	0.659789	0.529179	0.787375
0.67767	0.688281	0.804843	0.608086	0.584672	0.724622	0.862953	0.816499	0.768718	0.760176
0.740567	0.745224	0.727061	0.479081	0.575788	0.78536	0.706627	0.693199	0.779882	0.706157
0.761722	0.69657	0.520489	0.756535	0.847995	0.791799	0.649191	0.836524	0.931757	0.572419
0.688727	0.692406	0.497904	0.792423	0.730709	0.690438	0.624842	0.965049	0.990861	0.617451
0.548927	0.746396	0.611607	0.637769	0.625716	0.627437	0.559049	0.723712	0.820692	0.585045
0.682661	0.707159	0.641187	0.737935	0.736457	0.696646	0.845115	0.911428	0.676398	0.730085
0.843658	0.740569	0.739677	0.756535	0.660233	0.643733	0.862953	0.7469	0.611242	0.871586
0.61839	0.711468	0.778609	0.689527	0.699854	0.666458	0.502586	0.654944	0.699788	0.660019
0.621867	0.69972	0.76979	0.691568	0.549426	0.771522	0.42686	0.679729	0.849214	0.823265
0.795522	0.913109	0.656288	0.782223	0.689345	0.745103	0.526391	0.738643	0.834719	0.743715
0.702167	0.952756	0.767302	0.847359	0.806641	0.691467	0.591106	0.738643	0.867272	0.890582
0.595621	0.797378	0.637492	0.733407	0.826114	0.641892	0.669121	0.817899	0.691509	0.767427
0.681658	0.672163	0.721445	0.77971	0.65733	0.7191	0.814201	0.735151	0.519413	0.847486
0.713874	0.820408	0.806197	0.743663	0.613339	0.699784	0.779043	0.592241	0.500518	0.675517
0.528744	0.688281	0.731606	0.589097	0.549426	0.7191	0.643661	0.618014	0.648594	0.567777
0.749842	0.637946	0.596284	0.658117	0.613339	0.748612	0.529901	0.798696	0.726729	0.603027
0.811432	0.735963	0.670938	0.750637	0.840578	0.761728	0.494066	0.68075	0.590444	0.380145
0.637868	0.739413	0.668956	0.647824	0.780254	0.793098	0.577526	0.67871	0.734582	0.593943
0.663994	0.785663	0.738514	0.920539	0.830403	0.748612	0.717345	0.766385	0.679378	0.717956
0.77642	0.821802	0.807555	0.769801	0.637533	0.640974	0.703462	0.661742	0.671475	0.695702
0.54819	0.643464	0.743182	0.638674	0.729568	0.696646	0.671067	0.72146	0.736852	0.543827
0.538719	0.694483	0.721445	0.640488	0.621255	0.767824	0.572832	0.662722	0.779882	0.625286
0.794222	0.641617	0.518387	0.768578	0.759021	0.619512	0.544959	0.840938	0.787487	0.386181
0.866041	0.680147	0.496572	0.651539	0.760241	0.706128	0.767928	0.727112	0.834719	0.656229
0.67767	0.846202	0.695458	0.749467	0.64779	0.520124	0.738469	0.694252	0.63759	0.680476
0.795522	0.679141	0.670938	0.979859	0.606421	0.46726	0.735065	0.706014	0.454208	0.628814
0.816867	0.73826	0.731606	0.696712	0.786702	0.696646	0.777794	0.619787	0.515978	0.771098
0.657314	0.587928	0.644913	0.521878	0.614211	0.589186	0.829383	0.896049	0.666608	0.726743
0.573204	0.800025	0.931045	0.710379	0.732999	0.694567	0.569731	0.755317	0.772407	0.589067

0.78778	0.941579	0.76979	0.693618	0.794568	0.722405	0.55455	0.667655	0.668548	0.585045
0.650735	0.584682	0.76237	0.665759	0.614211	0.760519	0.665253	0.638863	0.774885	0.622658
0.619257	0.617417	0.719219	0.813571	0.630223	0.613447	0.696166	0.619787	0.644895	0.573197
0.622741	0.747571	0.818579	1.010726	0.781536	0.573996	0.782811	0.598966	0.546448	0.72453
0.704272	0.703955	0.856469	0.924018	0.849494	0.815802	0.760674	0.695308	0.579218	0.69364
0.692818	0.666269	0.721445	0.58348	0.737616	0.824107	0.699278	0.579906	0.671475	0.554889
0.712797	0.662384	0.626593	0.4367	0.638456	0.546594	0.407826	0.657844	0.81794	0.495629
0.845115	0.780556	0.665018	0.6253	0.710624	0.629217	0.513986	0.772658	0.89585	0.659068
0.741716	0.801355	0.725932	0.700872	0.57739	0.789212	0.623966	0.532343	0.774885	0.743715
0.68771	0.60538	0.577459	0.719008	0.582231	0.573211	0.707687	0.55855	0.61295	0.603027
0.583468	0.524388	0.497237	0.773491	0.685212	0.588373	0.726115	0.53307	0.542066	0.641393
0.496841	0.659493	0.650563	0.725595	0.706284	0.604927	0.488905	0.55855	0.562905	0.684484
0.520373	0.565699	0.759924	0.635966	0.548674	0.787924	0.556794	0.604078	0.669522	0.589876
0.639683	0.510537	0.621245	0.63958	0.521034	0.623897	0.600955	0.58809	0.659884	0.561665
0.663033	0.626223	0.570309	0.620932	0.698792	0.622138	0.649191	0.643531	0.559866	0.47838
0.716037	0.682166	0.508708	0.540252	0.57181	0.605772	0.579102	0.455308	0.640315	0.530913
0.672736	0.579059	0.495244	0.601386	0.603856	0.592453	0.603452	0.559323	0.527068	0.55864
0.772699	0.537243	0.651512	0.777212	0.746999	0.866653	0.709815	0.75169	0.584795	0.692613
0.734869	0.547511	0.778609	0.603886	0.553963	0.706128	0.818289	0.879577	0.669522	0.620047
0.662075	0.685213	0.662089	0.557932	0.507164	0.647439	0.639105	0.550142	0.629517	0.563185
0.737139	0.600322	0.528287	0.723388	0.664134	0.676289	0.491478	0.629675	0.600303	0.529502
0.560139	0.627114	0.595448	0.723388	0.537553	0.646509	0.561316	0.600663	0.665641	0.56471
0.467734	0.59202	0.57586	0.652472	0.564739	0.669384	0.656676	0.540411	0.659884	0.622658
0.508112	0.658534	0.594614	0.670605	0.674044	0.539279	0.590295	0.575872	0.550875	0.627046
0.599748	0.668225	0.73275	0.721193	0.979831	0.806309	0.730567	0.715881	0.679378	0.734581
0.518994	0.510537	0.815796	0.538092	0.615961	0.919009	0.651983	0.566338	0.648594	0.55117
0.550406	0.661419	0.79548	0.606401	0.531735	0.715821	0.623091	0.581531	0.697704	0.536605
0.767786	0.680147	0.510764	0.633275	0.597087	0.625663	0.542776	0.782886	0.721206	0.524597
0.651668	0.644391	0.663063	0.77971	0.656366	0.761728	0.696166	0.766385	0.86421	0.645975
0.468347	0.564154	0.53915	0.809527	0.611599	0.56853	0.644578	0.659789	0.634882	0.609755
0.612371	0.628006	0.552555	0.602218	0.605564	0.603243	0.799532	0.665675	0.627743	0.756596
0.639683	0.600322	0.665018	0.603051	0.689345	0.777758	0.723906	0.619787	0.639405	0.727854
0.497496	0.477728	0.694408	0.618332	0.519627	0.698735	0.581476	0.509692	0.654202	0.676504
0.624494	0.59202	0.659178	0.641399	0.493062	0.654947	0.556794	0.624254	0.689463	0.660019
0.674703	0.672163	0.772291	0.838663	0.941077	1.104985	0.761875	0.842419	0.804436	0.609755
0.566238	0.685213	0.550292	0.652472	0.536091	0.791799	0.736197	0.75169	0.736852	0.600531
0.636964	0.510537	0.491943	0.6253	0.536821	0.528534	0.674004	0.71922	0.595346	0.612305
0.812784	0.637033	0.572679	0.669631	0.620368	0.673317	0.802162	0.71922	0.627743	0.806947
0.693847	0.71582	0.667968	0.562466	0.602153	0.803635	0.743051	0.598966	0.625095	0.726743
0.67966	0.627114	0.720331	0.542423	0.518925	0.82832	0.612734	0.499468	0.518724	0.727854
0.75932	0.835988	0.796805	0.555682	0.673042	0.628326	0.548623	0.706014	0.592072	0.570866
0.674703	0.672163	0.787612	0.838663	0.751768	0.740467	0.752361	0.771396	0.870356	0.708279
0.64702	0.542346	0.542093	0.660015	0.615085	0.583528	0.650119	0.613611	0.63759	0.642305
0.666888	0.533633	0.514905	0.713595	0.619483	0.567755	0.602618	0.62786	0.575278	0.754225
0.796825	0.583068	0.563275	0.542423	0.578193	0.659706	0.686963	0.655908	0.75903	0.871586
0.60141	0.546029	0.587179	0.515695	0.521739	0.686349	0.614443	0.657844	0.656088	0.6297
0.712797	0.564925	0.456584	0.60893	0.644032	0.683306	0.577526	0.583162	0.616386	0.683479

0.761722	0.731405	0.632918	0.820397	0.617719	0.584332	0.573611	0.708187	0.699788	0.661926
0.5948	0.617417	0.647729	0.708248	0.679084	0.571645	0.551576	0.660764	0.565966	0.554889
0.611518	0.489905	0.58636	0.620932	0.729568	0.606618	0.577526	0.628767	0.490078	0.590686
0.760519	0.575878	0.706098	0.804192	0.887108	0.675296	0.836463	0.592241	0.491369	0.874695
0.584268	0.637033	0.689197	0.673538	0.700919	0.721301	0.798223	0.685894	0.703988	0.690567
0.649803	0.587928	0.75387	0.622674	0.630223	0.896973	0.726115	0.752896	0.938946	0.660019
0.846577	0.698667	0.562501	0.719008	0.682137	0.623897	0.669121	0.727112	0.696665	0.622658
0.658262	0.752302	0.543572	0.676492	0.649681	0.557046	0.605964	0.67365	0.672455	0.624408
0.664956	0.670189	0.551799	0.533093	0.63938	0.57715	0.656676	0.527286	0.586402	0.575541
0.609817	0.51949	0.682005	0.761313	0.676053	0.573996	0.703462	0.591408	0.506502	0.734581
0.755741	0.69972	0.794158	0.817654	0.81074	0.84854	0.946342	0.813712	0.862687	1.20743
0.53228	0.695525	0.699683	0.602218	0.867894	0.927792	0.771602	0.761431	1.064103	0.93843
0.603915	0.770519	0.57826	0.617469	0.64779	0.635508	0.579892	0.581531	0.944418	0.692613
0.881632	0.644391	0.615961	0.808187	0.56086	0.708263	0.710882	0.766385	0.804436	0.586649
0.706388	0.690338	0.654371	0.791135	0.715007	0.978554	0.808809	0.735151	0.746052	0.714706
0.730364	0.602001	0.630196	0.75181	0.645907	0.679283	0.836463	0.585619	0.625976	0.663842
0.637868	0.552737	0.717005	0.620063	0.643098	0.698735	0.865998	0.663704	0.596168	0.819128
0.643336	0.537968	0.651512	0.615748	0.707365	0.702944	0.553805	0.790719	0.713589	0.72453
0.600578	0.540152	0.684048	0.577933	0.738778	0.817175	0.484439	0.637935	0.769944	0.67948
0.703218	0.695525	0.62302	0.661921	0.710624	0.501114	0.593547	0.670642	0.669522	0.544555
0.789061	0.870491	0.690234	0.993991	0.950446	0.662587	0.942681	0.904526	0.645817	0.648747
0.667858	0.655668	0.642115	0.806851	0.837647	0.739316	0.761875	0.634245	0.746052	0.781042
0.600578	0.514646	0.621245	0.71792	0.60814	0.590001	0.691029	0.633327	0.576063	0.722328
0.545254	0.527212	0.633829	0.755349	0.575788	0.655894	0.99699	0.777742	0.643057	0.670614
0.595621	0.722431	0.637492	0.768578	0.706284	0.664518	0.589486	0.718104	0.611242	0.511559
0.68771	0.775509	0.799468	0.73116	0.675047	0.556291	0.391124	0.52371	0.734582	0.522512
0.748672	0.680147	0.577459	0.854742	0.871038	0.615172	0.613588	0.635164	0.659884	0.530207
0.716037	0.664322	0.551799	0.704018	0.961962	0.951494	0.779043	0.780307	0.716837	0.773562
0.676679	0.526504	0.548041	0.63958	0.72055	0.725735	0.697201	0.634245	0.654202	0.654346
0.747505	0.583068	0.611607	0.808187	0.701987	0.663551	0.870607	0.715881	0.557601	0.755409
0.807399	0.745224	0.720331	0.734535	0.729568	0.723512	0.575173	0.796021	0.756641	0.741413
0.608969	0.622679	0.75387	0.618332	0.761466	0.829734	0.527791	0.589746	0.688444	0.670614
0.599748	0.75829	0.638413	0.758917	0.84353	0.76294	0.649191	0.68693	0.79134	0.776041
0.823759	0.817635	0.761145	0.879247	0.855541	0.633702	0.514666	0.857517	0.968956	0.853387
0.631576	0.748749	0.791528	0.616607	0.824694	0.713648	0.522216	0.832154	0.862687	0.756596
0.669802	0.564925	0.583914	0.636867	0.548674	0.543653	0.556794	0.823545	0.75903	0.609755
0.617525	0.537968	0.679972	0.655286	0.537553	0.587562	0.707687	0.669644	0.801785	0.945717
0.77642	0.765586	0.605584	0.705071	0.698792	0.712566	0.711953	0.750487	1.040576	0.892203
0.643336	0.579059	0.654371	0.620063	0.670053	0.813068	0.708749	0.712567	0.790052	0.771098
0.716037	0.540152	0.479621	0.68246	0.771385	0.745103	0.807472	0.901115	0.642141	0.720136
0.746341	0.740569	0.435863	0.720099	0.874204	0.775253	0.796917	0.886091	0.879742	0.782301
0.688727	0.692406	0.606439	0.603051	0.696675	0.604927	0.722805	0.782886	0.762638	0.784831
0.708513	0.516715	0.520489	0.78857	0.622143	0.552536	0.864473	0.812325	0.544983	0.791219
0.742867	0.654717	0.705022	0.865293	0.701987	0.680285	1.024715	0.810943	0.693564	0.982105
0.59398	0.710387	0.666983	0.706128	0.790617	0.831152	0.681933	0.711468	0.783668	0.69364
0.563941	0.692406	0.534772	0.579511	0.722787	0.709335	0.623091	0.757752	0.812488	0.570092
0.68771	0.674145	0.539884	0.677481	0.931906	0.606618	0.628364	0.809565	0.596168	0.494328

0.660164	0.712552	0.566387	0.688511	0.68316	0.604085	0.651983	0.642594	0.643057	0.529502
0.585872	0.613943	0.487362	0.519119	0.539019	0.463589	0.619611	0.571079	0.588014	0.596401
0.749842	0.616546	0.656288	0.830137	0.57739	0.524309	0.714102	0.659789	0.539891	0.824653
0.721491	0.814879	0.776071	0.749467	0.6801	0.613447	0.645496	0.690053	0.740279	0.851904
0.483946	0.680147	0.817185	0.502262	0.589595	0.659706	0.505908	0.617129	0.691509	0.631479
0.632469	0.659493	0.627491	0.675505	0.75659	0.573211	0.511276	0.643531	0.596168	0.567008
0.680658	0.843259	0.570309	0.485397	0.605564	0.657796	0.577526	0.639793	0.593706	0.599702
0.589907	0.698667	0.602179	0.334774	0.535362	0.557802	0.586265	0.522998	0.585598	0.528798
0.629794	0.637033	0.557117	0.493748	0.506482	0.607466	0.641833	0.574268	0.545715	0.645054
0.663994	0.789533	0.725932	0.609777	0.506482	0.692498	0.651983	0.651106	0.573712	0.733453
0.549666	0.744056	0.737355	0.556431	0.583857	0.727969	0.639105	0.556241	0.458383	0.542373
0.553377	0.74993	0.722563	0.566282	0.65063	0.653058	0.64734	0.611862	0.611242	0.380644
0.71065	0.725775	0.505982	0.687496	0.547175	0.553284	0.627481	0.581531	0.515295	0.513592
0.60141	0.757086	0.544314	0.613179	0.523153	0.50916	0.455586	0.526569	0.479883	0.535175
0.585069	0.626223	0.565607	0.521187	0.455124	0.479727	0.416967	0.52087	0.488148	0.582649
0.796825	0.461598	0.580675	0.581888	0.521034	0.551788	0.603452	0.516644	0.421627	0.644136
0.691792	0.532915	0.64026	0.620063	0.677061	0.621261	0.642746	0.587265	0.520104	0.707216
0.445078	0.546769	0.675933	0.491806	0.515433	0.742779	0.562834	0.590576	0.601968	0.539479
0.545986	0.613943	0.574267	0.528854	0.490427	0.631902	0.658567	0.594751	0.598644	0.47838
0.632469	0.760708	0.62036	0.719008	0.642165	0.689412	0.740754	0.889385	0.617249	0.546749
0.526636	0.575087	0.557117	0.546066	0.57499	0.629217	0.751186	0.729394	0.721206	0.517686
0.581873	0.454951	0.458407	0.491806	0.503765	0.545121	0.629249	0.530169	0.457785	0.463603
0.482677	0.400358	0.471387	0.540975	0.563183	0.645582	0.808809	0.629675	0.574495	0.776041
0.490991	0.463429	0.428411	0.650607	0.734148	0.652116	0.674004	0.654944	0.571374	0.71687
0.628906	0.598648	0.729328	0.735665	0.682137	0.745103	0.568189	0.505573	0.671475	0.519748
0.653542	0.604533	0.561727	0.694647	0.622143	0.651176	0.607646	0.588917	0.605318	0.485962
0.562416	0.614809	0.587179	0.608086	0.528856	0.624779	0.692052	0.624254	0.597817	0.394878
0.543064	0.615676	0.493921	0.481597	0.531735	0.595745	0.640013	0.563206	0.53201	0.365895
0.696948	0.650934	0.47076	0.570905	0.5663	0.437001	0.660467	0.704932	0.607847	0.614871
0.649803	0.668225	0.597121	0.642311	0.609003	0.516668	0.648264	0.675667	0.651389	0.702994
0.55712	0.520186	0.589643	0.455292	0.491742	0.705064	0.541326	0.468279	0.596168	0.573977
0.58267	0.564925	0.599642	0.526749	0.492402	0.593274	0.44156	0.497451	0.628629	0.596401
0.61839	0.682166	0.596284	0.523959	0.603004	0.580327	0.539161	0.652062	0.550875	0.553398
0.567007	0.634305	0.643979	0.574015	0.690385	0.770286	0.665253	0.63701	0.510538	0.436044
0.523842	0.558028	0.551799	0.626179	0.54568	0.551042	0.584663	0.506942	0.573712	0.489161
0.665921	0.511902	0.468884	0.72449	0.525283	0.513923	0.593547	0.500142	0.494614	0.599702
0.567777	0.47083	0.522602	0.680461	0.578998	0.490613	0.624842	0.62786	0.524967	0.677494
0.484581	0.466498	0.566387	0.486672	0.436748	0.615172	0.666217	0.552419	0.557601	0.624408
0.599748	0.594494	0.469508	0.477205	0.584672	0.668407	0.614443	0.539671	0.516663	0.485962
0.589907	0.691371	0.609015	0.506916	0.777701	0.679283	0.45618	0.658815	0.642141	0.534462
0.497496	0.579858	0.481543	0.44706	0.612468	0.631005	0.499947	0.593912	0.698745	0.681474
0.581873	0.558028	0.45176	0.441849	0.523153	0.423459	0.480647	0.53746	0.569822	0.661926
0.703218	0.516024	0.449964	0.635067	0.606421	0.459345	0.579892	0.536725	0.590444	0.642305
0.567007	0.535795	0.416085	0.604723	0.685212	0.54219	0.589486	0.49212	0.628629	0.588259
0.410477	0.400887	0.517688	0.597251	0.580612	0.603243	0.573611	0.403729	0.563668	0.420968
0.469574	0.607931	0.621245	0.587485	0.588771	0.526416	0.490834	0.622462	0.640315	0.371735
0.557873	0.734819	0.807555	0.621802	0.544191	0.664518	0.767928	0.6189	0.768718	0.609755

0.453881	0.607931	0.552555	0.545335	0.557015	0.506461	0.595183	0.659789	0.62159	0.510883
0.570095	0.583068	0.471387	0.672558	0.587948	0.476577	0.499947	0.638863	0.570597	0.496935
0.581078	0.558028	0.540619	0.689527	0.586307	0.610874	0.673023	0.581531	0.539169	0.50485
0.577911	0.522282	0.442269	0.566282	0.439076	0.537831	0.618746	0.509692	0.495266	0.620916
0.620125	0.55049	0.612475	0.567817	0.505801	0.479727	0.559803	0.480358	0.46808	0.567008
0.503436	0.596151	0.583914	0.535943	0.555486	0.590001	0.527091	0.517346	0.663713	0.589876
0.530155	0.560315	0.556353	0.502924	0.495713	0.543653	0.577526	0.539671	0.544983	0.567777
0.497496	0.562614	0.572679	0.474714	0.528139	0.576359	0.592732	0.587265	0.504498	0.448142
0.491637	0.590378	0.575062	0.405966	0.673042	0.623016	0.503248	0.67871	0.663713	0.556386
0.461656	0.477096	0.567169	0.557181	0.717216	0.69769	0.629249	0.614488	0.656088	0.687515
0.681658	0.493822	0.494582	0.565516	0.56396	0.499126	0.572055	0.675667	0.496573	0.698812
0.598092	0.575087	0.557882	0.538811	0.46554	0.501779	0.616159	0.711468	0.505833	0.53804
0.599748	0.567249	0.694408	0.709312	0.571018	0.599061	0.666217	0.632411	0.594525	0.565475
0.602243	0.525092	0.572679	0.649677	0.557781	0.485456	0.505242	0.571079	0.547919	0.678486
0.483946	0.493822	0.506661	0.603886	0.517525	0.495176	0.497978	0.528005	0.623339	0.641393
0.511483	0.689308	0.533322	0.407558	0.537553	0.513923	0.518081	0.575069	0.557601	0.454023
0.792926	0.730273	0.692316	0.523265	0.555486	0.564668	0.649191	0.593076	0.377173	0.424827
0.846577	0.636121	0.514905	0.575578	0.463684	0.458742	0.529196	0.645413	0.458383	0.436044
0.683666	0.611356	0.476435	0.581888	0.487808	0.551788	0.584663	0.601514	0.529885	0.534462
0.60141	0.525092	0.685073	0.715752	0.513351	0.661624	0.605964	0.609252	0.709296	0.691589
0.525936	0.508497	0.545801	0.742511	0.581421	0.610874	0.590295	0.613611	0.606159	0.588259
0.480781	0.540152	0.587998	0.590716	0.575788	0.619512	0.617882	0.461437	0.587207	0.545285
0.518306	0.683179	0.631101	0.500282	0.605564	0.714733	0.573611	0.484894	0.612095	0.624408
0.578701	0.693443	0.616838	0.697748	0.60814	0.680285	0.694104	0.580718	0.532721	0.640482
0.569321	0.702892	0.498571	0.502924	0.623926	0.57557	0.609336	0.757752	0.570597	0.566241
0.560139	0.713638	0.594614	0.654346	0.622143	0.591634	0.579892	0.575069	0.5816	0.620916
0.770235	0.693443	0.778609	0.801549	0.603856	0.665487	0.678942	0.6189	0.635783	0.584245
0.758124	0.649993	0.676939	0.661921	0.668071	0.54219	0.484439	0.712567	0.625095	0.572419
0.604753	0.64532	0.580675	0.528854	0.482617	0.481629	0.399395	0.544128	0.703988	0.763786
0.622741	0.593668	0.637492	0.733407	0.6186	0.591634	0.461567	0.540411	0.743734	0.680476
0.738279	0.73254	0.629293	0.711448	0.63938	0.671346	0.60849	0.634245	0.691509	0.622658
0.68771	0.721322	0.495908	0.567049	0.49905	0.520819	0.524995	0.599813	0.749553	0.650606
0.612371	0.726895	0.582291	0.43841	0.529574	0.466033	0.564357	0.55855	0.484951	0.730085
0.617525	0.542346	0.51352	0.670605	0.614211	0.542921	0.681933	0.661742	0.618114	0.827443
0.663994	0.784381	0.6861	0.951042	0.772641	0.52501	0.488265	0.760201	0.668548	0.654346
0.528744	0.513958	0.589643	0.720099	0.49972	0.509837	0.562074	0.618014	0.604478	0.539479
0.577911	0.489905	0.655328	0.713595	0.429268	0.628326	0.687976	0.553181	0.628629	0.502196
0.855452	0.830258	0.925655	0.895296	0.571018	0.826911	1.035869	0.835062	0.619849	0.681474
0.53513	0.746396	0.665018	0.739075	0.842051	0.706128	0.631025	0.871569	0.600303	0.549692
0.487134	0.637033	0.630196	0.607242	0.821867	0.680285	0.468242	0.621568	0.677389	0.651538
0.598919	0.650934	0.673928	0.945501	0.788003	0.710409	0.66815	0.679729	0.556097	0.69364
0.792926	0.8232	0.883159	0.898578	0.890394	0.725735	0.706627	0.757752	0.602803	0.534462
0.655424	0.597814	0.634742	0.620932	0.751768	0.755717	0.821036	0.832154	0.771174	0.655287
0.559382	0.436746	0.652463	0.697748	0.518224	0.767824	0.787888	0.736312	0.790052	0.778534
0.843658	0.631594	0.867261	0.661921	0.523862	0.854494	0.760674	0.826396	0.879742	0.862391
0.744022	0.725775	0.694408	0.756535	0.592909	0.674305	0.54936	0.798696	0.735715	0.692613
0.579492	0.716915	0.608155	0.521878	0.587948	0.592453	0.480019	0.72146	0.767495	0.695702

0.650735	0.797378	0.589643	0.66866	0.691427	0.593274	0.565121	0.882821	0.79915	0.585045
0.791634	0.81214	0.738514	0.689527	0.770132	0.797019	0.71518	0.830707	0.928207	0.698812
0.753372	0.786949	0.750278	0.585878	0.623034	0.557802	0.601785	0.604078	0.592072	0.660971
0.792926	0.706088	0.712609	0.616607	0.60814	0.550298	0.645496	0.694252	0.593706	0.699854
0.816867	0.612217	0.731606	0.83723	0.708448	0.774006	0.889547	0.797356	0.742579	0.982105
0.733738	0.647183	0.689197	0.73116	0.688308	0.670364	0.780295	0.616247	0.706103	0.749522
0.634261	0.752302	0.844454	0.745975	0.806641	0.903635	0.698238	0.643531	0.809788	0.722328
0.761722	0.75829	0.667968	0.709312	0.713907	0.678283	0.714102	0.993513	0.816571	0.587453
0.680658	0.827421	0.896311	0.757725	0.604709	0.78664	0.835038	0.92918	0.929978	0.813672
0.632469	0.780556	0.727061	0.689527	0.579804	0.685332	0.714102	0.693199	0.647666	0.746028
0.78523	0.721322	0.627491	0.673538	0.679084	0.674305	0.784075	0.748092	0.479254	0.783564
0.837879	0.859697	0.803493	0.825936	0.737616	0.838312	0.798223	0.671642	0.565199	0.810969
0.572425	0.682166	0.798134	0.768578	0.738778	0.933148	0.849506	0.642594	0.701883	0.734581
0.487134	0.508497	0.832763	0.774728	0.65733	0.797019	0.682934	0.819303	0.787487	0.608063
0.452106	0.576671	0.724806	0.733407	0.710624	0.747439	0.670093	0.906241	0.865738	0.645054
0.597267	0.659493	0.699683	0.733407	0.81074	0.819935	0.862953	1.111035	1.061692	0.772328
0.816867	0.611356	0.740842	0.66866	0.574193	0.641892	0.630136	0.761431	0.646741	0.697773
0.861471	0.783102	0.650563	0.716835	0.749377	0.725735	0.730567	0.972993	0.674422	0.781042
1.138048	1.126814	0.911599	0.866822	0.992165	1.256742	0.90099	1.223593	1.233429	1.1568
0.807399	0.962294	0.962924	0.659065	0.655405	0.793098	0.602618	0.816499	0.96509	1.035159
0.855452	0.6289	0.764829	0.78602	0.592909	0.704003	0.707687	0.748092	0.726729	0.779786
0.703218	0.950873	0.828459	0.78602	0.852507	0.831152	0.62572	0.639793	0.671475	0.672569
0.772699	1.162008	1.187114	1.116447	0.924706	0.907005	0.663332	0.624254	0.719016	0.761376
0.754555	0.686233	0.648672	0.8401	0.726164	0.689412	0.722805	0.780307	0.657982	0.639573
0.78396	0.802688	0.565607	0.554935	0.578998	0.659706	0.671067	0.846893	0.803109	0.730085
0.918037	0.901217	0.738514	0.7483	0.784111	0.879162	0.988803	0.675667	0.897494	0.949407
0.991184	0.691371	0.87673	0.850297	0.795893	0.955258	1.455111	0.863706	0.703988	0.994259
0.864513	0.690338	0.744357	1.032594	0.81488	0.974584	1.106902	0.845397	0.76506	0.958771
0.512839	0.73254	0.828459	0.924018	0.81488	1.024808	0.879974	0.951487	0.986795	0.968341
0.639683	0.679141	0.916816	0.880825	0.963912	0.775253	0.980768	1.089542	0.737991	0.810969
0.93207	0.686233	0.672929	0.610625	0.893706	0.955258	0.705569	0.89942	0.803109	0.754225
0.688727	0.794748	0.707176	0.642311	0.898721	0.951494	0.658567	1.069062	1.038292	1.194208
0.748672	1.002693	1.018919	0.806851	0.833286	0.945908	1.243346	1.234434	1.158217	1.881614
0.862989	0.734819	0.771039	0.91196	0.69562	0.572427	0.959408	1.03079	0.870356	1.125128
0.969276	0.849165	0.771039	1.021522	0.824694	0.627437	0.816922	0.659789	0.78114	1.075335
0.769009	0.606229	0.972764	0.879247	0.667083	1.005287	0.946342	0.758975	0.751903	0.93843
0.722591	0.659493	0.778609	0.86377	0.707365	0.665487	0.643661	0.603222	0.710365	0.622658
0.663033	0.635212	0.673928	0.705071	0.587948	0.767824	0.702412	0.538933	0.862687	0.662883
0.795522	0.724657	0.86415	0.692592	0.655405	0.903635	0.694104	0.635164	1.031511	0.799012
1.132356	0.954647	0.94389	0.956654	0.893706	0.880752	0.840767	0.869985	0.953692	0.882566
0.869115	0.958454	0.710428	0.804192	0.83911	0.596572	0.623091	0.840938	0.682379	0.673549
0.740567	0.702892	0.552555	0.865293	0.797222	0.593274	0.714102	0.901115	0.699788	0.660971
1.027379	0.936097	0.815796	1.193653	1.031419	0.871302	0.935448	0.827828	0.829054	0.853387
0.82515	0.761923	0.758707	0.698787	0.813495	0.759314	0.620479	0.724843	0.735715	0.637761
0.665921	0.564925	0.550292	0.704018	0.570229	0.765375	0.681933	0.679729	0.709296	0.776041
0.663033	0.525092	0.76979	0.707187	0.489771	0.869747	0.686963	0.760201	1.018258	0.942058
0.954009	0.813507	0.854949	0.856234	0.673042	0.729091	0.803484	0.955319	0.90581	0.931263

0.823759	0.907973	0.610742	0.638674	0.588771	0.570864	0.53202	0.916678	0.890955	0.74487
0.623616	0.718012	0.562501	0.709312	0.72055	0.437001	0.747681	0.852932	0.756641	0.968341
0.952138	0.751115	0.558648	0.927526	0.760241	0.692498	0.826583	0.736312	0.700835	0.686502
0.716037	0.792133	0.658213	0.700872	0.772641	0.784084	0.611882	0.671642	0.650455	0.670614
0.574768	0.486022	0.537686	0.659065	0.578193	0.574782	0.622219	0.672645	0.668548	0.654346
0.666888	0.372202	0.597121	0.6306	0.539754	0.625663	0.823801	0.569493	0.803109	0.887358
0.88642	0.601161	0.728193	0.700872	0.736457	0.769053	0.923074	0.773923	0.769944	0.717956
0.663994	0.907973	0.978776	0.530262	0.700919	0.699784	0.560559	0.773923	0.601968	0.488519
0.599748	0.892918	0.845938	0.569358	0.493062	0.497805	0.552318	0.635164	0.503167	0.538759
0.706388	0.684195	0.669946	0.694647	0.678072	0.447441	0.704514	0.871569	0.651389	0.610604
0.701118	0.73711	0.768544	0.642311	0.610732	0.631902	0.680933	0.80274	0.660838	0.733453
0.667858	0.467731	0.623911	0.663836	0.539019	0.526416	0.636395	0.544875	0.489434	0.751867
0.685683	0.453753	0.548041	0.641399	0.633863	0.667431	0.802162	0.578288	0.481145	0.726743
0.708513	0.422602	0.517688	0.645059	0.768884	0.707194	0.727223	0.67871	0.701883	0.574758
0.351855	0.564925	0.59796	0.521878	0.604709	0.632801	0.559049	0.578288	0.697704	0.555637
0.350919	0.541614	0.689197	0.538092	0.57499	0.676289	0.475642	0.583979	0.720109	0.623532
0.523146	0.570367	0.555591	0.606401	0.565519	0.549555	0.524995	0.691099	0.628629	0.535175
0.559382	0.520883	0.541355	0.581888	0.649681	0.69769	0.640013	0.569493	0.582396	0.403753
0.468347	0.425955	0.489319	0.519119	0.474311	0.38418	0.547154	0.467653	0.495266	0.38265
0.530862	0.455551	0.478982	0.574015	0.479403	0.392377	0.607646	0.458362	0.457785	0.61918
0.755741	0.560315	0.544314	0.67158	0.622143	0.580327	0.695134	0.540411	0.643975	0.573197
0.672736	0.613943	0.636573	0.540252	0.47053	0.640058	0.578313	0.5509	0.60364	0.577111
0.664956	0.60964	0.592951	0.473475	0.514044	0.722405	0.579102	0.569493	0.508515	0.474639
0.445078	0.709308	0.70181	0.553444	0.703057	0.565438	0.651983	0.756533	0.724511	0.521128
0.442761	0.741728	0.883159	0.603886	0.595411	0.698735	0.653854	0.529446	0.846276	0.581854
0.559382	0.515335	0.573472	0.619197	0.635694	0.520819	0.54423	0.538933	0.585598	0.532329
0.613226	0.561846	0.489974	0.693618	0.581421	0.488027	0.562834	0.671642	0.458383	0.653408
0.78396	0.577466	0.566387	0.543877	0.462451	0.478464	0.522909	0.735151	0.588014	0.566241
0.620995	0.607079	0.617716	0.532384	0.47053	0.533515	0.531313	0.524423	0.553851	0.596401
0.487774	0.541614	0.707176	0.521878	0.523862	0.624779	0.546421	0.541894	0.62159	0.534462
0.472039	0.607931	0.459626	0.450569	0.488461	0.567755	0.581476	0.638863	0.694595	0.510883
0.614082	0.535795	0.475801	0.546066	0.468652	0.457538	0.473161	0.569493	0.591257	0.560907
0.465902	0.531482	0.569522	0.678472	0.615085	0.513923	0.419692	0.568702	0.542066	0.47526
0.498809	0.565699	0.58882	0.66866	0.645907	0.587562	0.49277	0.67871	0.51325	0.436044
0.684674	0.64532	0.606439	0.706128	0.749377	0.651176	0.66142	0.632411	0.604478	0.574758
0.63516	0.399829	0.528287	0.619197	0.587948	0.530662	0.609336	0.519457	0.456589	0.577897
0.533703	0.440211	0.480901	0.559438	0.472417	0.620386	0.538442	0.500142	0.572152	0.586649
0.434746	0.427078	0.526146	0.480967	0.426425	0.739316	0.649191	0.571079	0.705045	0.589876
0.64702	0.5181	0.651512	0.613179	0.505121	0.599895	0.613588	0.4259	0.517349	0.622658
0.474519	0.603687	0.597121	0.546066	0.609003	0.685332	0.552318	0.590576	0.54134	0.543827
0.480781	0.655668	0.564051	0.494397	0.689345	0.594096	0.523603	0.679729	0.584795	0.536605
0.668829	0.55049	0.562501	0.521187	0.648735	0.505118	0.539161	0.553181	0.522876	0.52182
0.64242	0.505792	0.528287	0.506916	0.604709	0.369707	0.488905	0.502171	0.431654	0.46725
0.519683	0.47083	0.495244	0.542423	0.592909	0.635508	0.459165	0.463912	0.589633	0.516317
0.604753	0.491207	0.532599	0.582683	0.425858	0.727969	0.592732	0.584798	0.594525	0.579476
0.626253	0.562614	0.49326	0.516378	0.436168	0.546594	0.543503	0.522998	0.497884	0.496935
0.430793	0.628006	0.567952	0.528854	0.447918	0.616036	0.394723	0.343761	0.576063	0.51906

0.506771	0.728018	0.768544	0.772257	0.610732	0.630111	0.459165	0.373466	0.639405	0.614014
0.577123	0.638861	0.5988	0.77971	0.630223	0.57557	0.562834	0.541152	0.434481	0.512235
0.690768	0.583874	0.562501	0.695678	0.672044	0.566209	0.622219	0.756533	0.582396	0.466031
0.923247	0.524388	0.764829	0.954775	0.872618	0.724622	0.855431	0.479714	0.604478	0.734581
0.907802	0.770519	0.683025	0.954775	1.002718	0.747439	0.690009	0.603222	0.756641	0.799012
0.771465	0.621798	0.692316	0.705071	0.762693	0.813068	0.665253	0.57267	0.681376	0.758979
0.71065	0.379198	0.842976	0.905217	0.674044	0.855995	0.651983	0.615366	0.887721	0.865435
0.933857	0.661419	1.158719	1.048584	0.872618	0.710409	0.617019	0.738643	0.833296	0.71148
0.995289	0.996388	0.85042	0.920539	1.252842	0.770286	0.727223	0.792039	0.865738	0.637761
0.935651	1.059127	0.798134	1.015012	1.087368	0.824107	0.992877	1.066569	0.538448	0.887358
1.263369	0.902896	0.818579	0.871439	0.902098	0.936756	0.935448	1.042392	0.878164	0.751867
0.845115	0.909678	0.662089	0.594789	0.676053	0.798334	0.71518	0.793362	0.715751	0.691589
0.728129	0.641617	0.636573	0.621802	0.642165	0.756913	0.909351	0.73054	0.457785	0.877826
0.840759	0.555753	0.723683	0.756535	0.849494	0.917274	0.899336	0.959185	0.914288	1.914531
0.971222	0.858177	0.904738	0.901885	0.979831	0.913824	0.707687	0.634245	0.742579	0.98814
0.790345	0.916568	1.039312	0.901885	0.903795	0.970649	0.631025	0.851415	0.917726	0.656229
0.777668	0.978006	0.7479	1.090061	1.195934	0.910401	0.725009	1.310204	1.104616	0.681474
0.965409	1.224316	1.039312	0.883999	0.92115	1.024808	1.066284	0.93465	1.233429	0.850426
0.811432	0.835988	0.925655	0.835802	0.752968	0.784084	0.800845	0.809565	0.812488	0.960668
1.140923	0.71582	0.668956	0.905217	0.667083	0.872863	1.269629	0.907963	0.834719	0.905394
0.799445	0.73254	0.722563	0.938221	0.751768	1.227475	1.026923	0.827828	0.719016	0.720136
0.571647	0.766814	0.772291	0.719008	0.700919	0.898629	0.803484	0.677693	0.573712	0.681474
0.727015	0.744056	0.75387	0.609777	0.840578	0.761728	0.679937	0.882821	0.709296	0.788652
0.733738	0.806714	0.745534	0.508926	0.91587	0.919009	0.789166	1.086928	0.938946	0.976153
0.839316	0.691371	0.832763	0.467939	0.633863	0.754525	0.635495	0.742162	0.812488	0.710411
0.77642	0.773007	0.988986	0.813571	0.933725	0.800976	0.731687	0.869985	0.773644	0.673549
0.818237	0.76314	0.749088	0.922275	1.031419	0.813068	0.846574	0.771396	0.784937	0.83166
0.981089	0.834548	1.090987	0.868355	0.845013	0.712566	0.862953	0.709278	0.976794	0.962574
0.749842	0.835988	1.046329	0.847359	0.660233	0.798334	0.793025	0.677693	1.068965	1.024017
0.790345	0.764361	0.768544	0.589097	0.664134	0.964813	0.767928	0.913171	1.351707	0.837349
0.839316	0.774256	0.713704	0.808187	0.826114	1.268246	0.853942	0.953399	1.109957	1.119609
1.186488	0.713638	0.715902	0.968102	0.749377	0.986606	0.709815	0.801388	0.748383	0.865435
0.647945	0.820408	0.767302	0.739075	0.973792	1.097053	0.67696	0.97702	0.968956	0.843112
0.652604	0.974024	1.001562	0.874546	1.523493	0.887168	0.800845	0.979048	0.809788	0.697773
0.789061	0.939744	0.932857	0.783485	0.828968	0.927792	1.026923	0.97702	0.897494	0.722328
1.007842	0.75829	0.899662	1.203513	0.817661	1.036045	1.001142	0.781595	1.182928	0.927724
0.810083	0.906274	1.155675	1.135921	0.86633	1.177409	1.009567	0.755317	1.328878	1.358418
0.723693	1.000581	1.17111	1.435134	1.195934	1.115791	1.389183	1.130756	1.054538	1.264751
0.872211	0.714728	0.796805	0.862252	0.939227	0.603243	0.812847	0.871569	0.78621	0.841664
0.754555	0.837433	0.688162	0.577933	0.83911	0.74627	0.6153	1.047121	0.846276	0.824653
0.641506	0.828837	0.70181	0.570131	0.973792	0.876001	0.665253	0.765141	0.900802	0.924213
0.535845	0.535795	0.791528	0.643225	0.64779	0.784084	0.886333	0.744525	0.719016	0.789934
0.719301	0.69657	1.03013	0.945501	0.761466	0.898629	1.166723	0.780307	0.783668	0.933044
0.930291	0.672163	1.351623	0.905217	0.705206	1.56249	1.049643	0.645413	0.81794	1.142116
1.259563	0.88156	1.005837	1.429504	0.992165	1.045248	1.045003	0.584798	0.569822	0.903723
0.873767	0.7987	0.616838	0.989906	0.789308	0.817175	0.802162	0.718104	0.830463	0.776041
0.764137	1.022175	0.964874	0.657171	0.745815	0.90196	0.627481	0.68075	0.801785	1.004655

0.702167	1.019967	1.120727	0.874546	1.015729	0.953372	0.794318	0.670642	0.787487	0.922468
0.748672	0.833114	0.697565	0.613179	0.742282	0.743939	0.832201	0.868407	0.809788	1.026223
0.852473	0.73711	0.523308	0.706128	0.483909	0.775253	0.951894	0.696367	0.803109	1.098211
0.746341	0.612217	0.803493	0.72449	0.528856	0.799653	0.982763	0.839461	0.813845	1.14793
0.875328	0.789533	0.6861	0.80552	0.892047	0.616903	0.858424	0.720339	0.696665	0.92073
0.963488	0.850654	0.881543	0.72449	0.673042	0.610874	0.889547	0.794689	1.011781	0.93843
0.818237	0.692406	0.835657	0.697748	0.697732	0.661624	0.738469	0.810943	0.904134	0.740267
1.118444	0.783102	0.744357	0.754166	0.750571	0.578736	0.702412	0.645413	0.766276	0.834495
0.872211	0.649054	0.628391	0.626179	0.898721	0.739316	0.752361	0.735151	0.701883	0.739124
0.651668	0.558789	0.600486	0.661921	0.691427	0.683306	0.710882	0.593912	0.688444	0.83592
0.80208	0.662384	0.751472	0.802869	0.79193	0.608315	0.747681	0.636086	0.700835	0.791219
0.78523	0.861223	0.73275	0.780965	0.644032	0.780277	0.849506	0.762664	0.749553	0.612305
0.657314	0.682166	0.847427	0.589906	0.536091	0.860531	0.66142	0.528005	0.772407	0.653408
0.672736	0.603687	0.835657	0.528854	0.55625	0.990688	0.784075	0.6492	0.608693	0.698812
0.778919	0.723543	0.737355	0.740217	0.652534	0.517357	0.619611	0.697429	0.592888	0.717956
0.654482	0.671175	0.438763	0.582683	0.744634	0.52501	0.637297	0.767632	0.564433	0.846023
0.693847	0.512587	0.435285	0.698787	0.685212	0.410866	0.746519	0.758975	0.734582	0.912143
0.810083	0.628006	0.637492	0.830137	0.837647	0.666458	0.670093	0.622462	0.717925	0.678486
0.730364	0.813507	0.66404	0.523265	0.619483	0.548072	0.604288	0.669644	0.612095	0.712553
0.54819	0.552737	0.533322	0.695678	0.513351	0.591634	0.727223	0.463292	0.670497	0.66964
0.668829	0.493167	0.759924	0.766143	0.518925	0.614309	0.717345	0.606657	0.703988	0.527393
0.64702	0.493167	0.551799	0.624423	0.478763	0.605772	0.444445	0.583979	0.803109	0.638666
0.513519	0.55049	0.550292	0.519808	0.662179	0.671346	0.558296	0.676679	0.622464	0.672569
0.655424	0.594494	0.369015	0.613179	0.710624	0.537109	0.572055	0.565553	0.640315	0.687515
0.796825	0.614809	0.51283	0.635067	0.72055	0.520819	0.478764	0.553944	0.569048	0.712553
0.58267	0.626223	0.535498	0.538811	0.404326	0.44161	0.600955	0.739813	0.640315	0.783564
0.681658	0.724657	0.611607	0.497003	0.453311	0.427365	0.794318	0.612735	0.615524	0.817757
0.527338	0.525797	0.58636	0.755349	0.687274	0.67233	0.709815	0.645413	0.690485	0.59558
0.608969	0.614809	0.767302	0.519808	0.584672	0.640974	0.626599	0.582345	0.673437	0.507521
0.558627	0.607931	0.776071	0.57168	0.571018	0.720199	0.620479	0.609252	0.602803	0.467861
0.560139	0.597814	0.58882	0.540975	0.748186	0.441031	0.501925	0.796021	0.815205	0.707216
0.613226	0.785663	0.739677	0.620063	0.599613	0.537831	0.60849	0.4547	0.536291	0.557887
0.568548	0.599484	0.715902	0.483493	0.57739	0.573211	0.569731	0.668649	0.620719	0.7051
0.67767	0.674145	0.563275	0.637769	0.671047	0.527121	0.723906	0.788093	0.596992	0.685492
0.789061	0.634305	0.547293	0.78857	0.549426	0.464199	0.70032	0.687968	0.426055	0.569319
0.67966	0.554997	0.621245	0.567817	0.634777	0.645582	0.579892	0.676679	0.648594	0.769871
0.440456	0.461598	0.678959	0.6253	0.583043	0.712566	0.586265	0.604078	0.687427	0.704046
0.569321	0.582263	0.484766	0.451156	0.867894	0.645582	0.54936	0.75169	0.653263	0.608908
0.636964	0.720216	0.609878	0.600556	0.877394	0.686349	0.656676	0.73054	0.871906	0.571642
0.617525	0.559551	0.628391	0.613179	0.666098	0.503111	0.541326	0.736312	0.683384	0.651538
0.53513	0.701832	0.579868	0.64875	0.72055	0.524309	0.547154	0.660764	0.494614	0.666731
0.780174	0.67514	0.450562	0.624423	0.589595	0.815802	0.787888	0.592241	0.600303	0.546749
0.848043	0.682166	0.719219	0.562466	0.543449	0.832574	0.887937	0.526569	0.720109	0.777286
0.846577	0.638861	0.772291	0.652472	0.689345	0.829734	0.784075	0.796021	0.843358	0.506184
0.680658	0.888014	0.673928	0.467939	0.888748	0.806309	0.679937	0.732839	0.942586	0.712553
0.609817	0.850654	0.646788	0.725595	0.730709	0.65875	0.759476	0.563206	0.645817	0.574758
0.525237	0.529342	0.676939	0.596429	0.592078	0.429613	0.672044	0.670642	0.608693	0.548218

0.595621	0.693443	0.764829	0.627059	0.584672	0.595745	0.582271	0.884453	0.677389	0.660971
0.748672	0.780556	0.590467	0.655286	0.748186	0.863581	0.873707	0.83799	0.884512	0.853387
0.861471	0.656621	0.630196	0.605561	0.684184	0.813068	0.802162	0.531617	0.713589	0.778534
1.018587	0.610498	0.66404	0.725595	0.670053	0.806309	1.093796	0.674657	0.976794	0.732327
0.725905	0.692406	0.75267	0.60893	0.70413	0.78664	0.737332	0.776465	1.20243	0.675517
0.620995	0.978006	1.190387	1.06761	0.855541	0.799653	0.849506	0.681774	0.796531	1.000467
0.82515	0.752302	0.746716	0.741363	0.605564	0.599061	0.829383	0.768883	0.660838	0.758979
0.629794	0.75829	0.7479	0.707187	0.893706	0.673317	0.590295	0.987255	0.784937	0.927724
0.702167	0.99848	0.785021	0.727812	1.050073	0.862053	0.782811	0.735151	0.875024	1.914531
0.961575	0.648118	0.75387	0.845898	0.629318	0.718004	0.73281	0.51385	0.568275	0.936627
1.003617	0.706088	0.807555	0.98586	0.605564	0.806309	0.832201	0.509692	0.777376	0.614014
0.64702	0.937917	1.210559	0.806851	0.713907	1.300502	0.98678	0.737476	1.573119	1.14793
0.869115	1.102172	1.269437	0.951042	0.79193	1.042929	1.6742	1.047121	0.876591	1.187746
1.00152	0.878368	0.891332	0.87299	0.846502	0.640974	0.796917	0.748092	0.768718	0.721231
0.979097	1.521274	0.982831	0.943669	0.924706	0.562367	0.497323	0.757752	0.788768	0.622658
0.810083	1.193685	0.676939	0.727812	0.869463	0.913824	0.911043	0.916678	0.687427	1.249696
1.099687	0.793438	0.92033	0.612326	0.65063	1.005287	1.045003	0.503529	0.631298	1.190965
0.999433	0.892918	1.155675	0.796311	0.685212	0.947762	0.89769	0.579906	0.957458	0.964488
0.633364	0.826009	1.043977	0.655286	0.781536	1.146975	1.142952	0.780307	0.972858	0.903723
0.914598	0.607931	1.05828	1.030357	1.05971	1.190206	1.243346	0.839461	1.005398	1.055965
1.22323	0.873625	1.36615	1.002278	0.933725	0.810352	0.737332	1.076629	1.068965	0.69364
1.005725	1.238655	0.879933	1.124686	1.322789	0.793098	0.89769	1.16058	1.129184	0.754225
0.902773	0.716915	1.001562	1.004375	0.7739	2.043299	1.265776	0.612735	0.942586	0.857866
0.906119	0.614809	0.799468	0.93642	0.6186	0.842666	1.071159	0.745711	0.746052	1.335287
0.977115	1.107528	0.923873	0.681459	0.942935	1.193465	0.680933	0.756533	1.047501	0.76621
0.782695	0.837433	1.048693	1.053263	1.111386	1.144046	0.814201	0.89942	0.774885	1.127913
0.937452	0.831683	0.901347	0.83723	0.760241	0.818553	0.686963	0.868407	0.935337	0.788652
1.089322	1.47493	0.835657	0.711448	1.013533	0.727969	0.644578	1.033086	1.020439	0.636858
0.941077	1.04959	1.012329	0.896934	0.830403	0.781542	0.683938	0.765141	1.143458	1.021823
0.75932	0.735963	0.945756	0.820397	0.711716	0.671346	0.873707	0.785482	0.890955	0.998388
0.620995	0.796061	0.903039	0.681459	0.850998	0.936756	0.746519	0.608385	0.917726	0.857866
0.666888	1.38968	1.200356	0.92929	0.808003	1.540122	0.861438	0.75169	1.027048	0.943884
1.110306	0.899545	1.018919	1.046264	0.752968	0.80497	1.166723	0.8606	0.844814	0.873138
0.775176	1.155941	0.798134	0.714672	0.992165	0.716911	0.763079	1.094816	1.14637	0.751867
1.113002	0.923568	0.966833	0.816289	0.931906	1.027032	1.007445	1.017265	0.997032	0.882566
0.64242	0.73711	0.819976	0.628826	0.593741	0.732473	1.040412	0.743342	0.922935	1.231583
0.941077	0.88156	1.039312	0.707187	0.495713	0.761728	0.939049	0.600663	0.942586	0.960668
0.678664	1.171271	1.075585	0.585077	0.734148	0.924258	0.769149	0.797356	1.20913	0.753045
0.833594	0.400358	0.857994	0.809527	0.604709	0.654947	0.719521	0.772658	0.707165	0.782301
0.689746	0.441953	0.733897	0.609777	0.670053	0.713648	0.605125	0.676679	0.61898	0.664803
0.589907	0.677136	0.439345	0.506916	0.81488	0.666458	0.562834	0.716991	0.644895	0.525295
0.67966	0.682166	0.560956	0.688511	0.709535	0.698735	0.476888	0.488164	0.60364	0.496935
0.581873	0.488607	0.448176	0.533804	0.550933	0.612588	0.692052	0.390949	0.460787	0.567008
0.454474	0.472701	0.468884	0.658117	0.564739	0.561603	0.41534	0.372459	0.524967	0.454023
0.477013	0.62004	0.476435	0.512298	0.620368	0.603243	0.529901	0.394638	0.537728	0.528095
0.482677	0.428204	0.58636	0.586681	0.414683	0.48674	0.527091	0.536725	0.481145	0.485962
0.416963	0.473326	0.472015	0.4931	0.558549	0.664518	0.445605	0.531617	0.543522	0.412276

0.451516	0.484094	0.490629	0.460667	0.648735	0.569307	0.34779	0.564769	0.444813	0.357279
0.468347	0.415425	0.43069	0.472239	0.495713	0.458139	0.365766	0.481649	0.471155	0.445811
0.462865	0.322603	0.370007	0.544605	0.425293	0.537109	0.589486	0.463912	0.412365	0.501535
0.351855	0.505792	0.559416	0.506248	0.495713	0.591634	0.496018	0.305058	0.487507	0.769871
0.438735	0.511902	0.575062	0.665759	0.469278	0.416296	0.593547	0.463292	0.526366	0.67159
0.41479	0.558028	0.433556	0.474714	0.411934	0.545121	0.488905	0.486199	0.528474	0.545285
0.402504	0.584682	0.537686	0.360719	0.487808	0.481629	0.345479	0.411911	0.596992	0.494978
0.48015	0.537243	0.497237	0.371842	0.425858	0.466646	0.399917	0.397825	0.575278	0.630589
0.609817	0.432739	0.473904	0.574015	0.511968	0.396534	0.490834	0.538933	0.409678	0.537322
0.509457	0.47836	0.459626	0.510272	0.430983	0.41466	0.462773	0.310692	0.454802	0.581854
0.468347	0.422045	0.524725	0.486034	0.366191	0.527827	0.524299	0.330321	0.352064	0.508863
0.411014	0.385285	0.42671	0.426582	0.406486	0.530662	0.542051	0.38212	0.404883	0.460587
0.342581	0.378694	0.407336	0.277549	0.3895	0.401259	0.391124	0.351837	0.436756	0.43096
0.357042	0.512587	0.429549	0.394463	0.401641	0.354751	0.404117	0.302911	0.441918	0.498244
0.393642	0.487959	0.375004	0.420513	0.471158	0.222495	0.389591	0.448666	0.443653	0.377158
0.444498	0.349038	0.390869	0.380749	0.356435	0.373652	0.357158	0.345648	0.282021	0.371735
0.378929	0.316021	0.514905	0.556431	0.354029	0.416843	0.415881	0.410811	0.28322	0.496281
0.481412	0.324376	0.488014	0.403852	0.308957	0.333917	0.412103	0.490797	0.371249	0.386181
0.332603	0.360948	0.315457	0.26244	0.293662	0.35904	0.42024	0.466402	0.497884	0.366862
0.260473	0.348099	0.407336	0.240176	0.115112	0.293791	0.352449	0.317285	0.426612	0.378649
0.447408	0.409443	0.427276	0.42161	0.32932	0.452757	0.382506	0.401573	0.342321	0.328404
0.409941	0.441372	0.387236	0.34941	0.403788	0.396012	0.301671	0.435096	0.326996	0.398511
0.377932	0.344829	0.386203	0.389333	0.355953	0.281199	0.371601	0.42647	0.300788	0.462394
0.673719	0.476465	0.457798	0.520497	0.398441	0.317506	0.469466	0.462054	0.447143	0.394362
0.456258	0.371212	0.434708	0.437839	0.238827	0.317071	0.377515	0.328499	0.298708	0.329737
0.385463	0.323488	0.498571	0.449396	0.390543	0.392377	0.445025	0.341414	0.300788	0.427604
0.583468	0.473326	0.478982	0.451156	0.43966	0.371675	0.492124	0.467027	0.373214	0.47838
0.365181	0.294358	0.435285	0.309442	0.360798	0.480994	0.40359	0.375487	0.437898	0.422618
0.37102	0.378191	0.367531	0.372822	0.39738	0.427926	0.407826	0.49212	0.46808	0.371245
0.489058	0.497776	0.48283	0.4931	0.552445	0.615172	0.439839	0.501493	0.570597	0.432648
0.42855	0.437898	0.530438	0.464288	0.411934	0.450387	0.421885	0.431049	0.447727	0.329292
0.479521	0.369731	0.409507	0.503586	0.42756	0.338005	0.42909	0.433936	0.318228	0.411201
0.545254	0.367764	0.386203	0.602218	0.539019	0.524309	0.54936	0.562427	0.555347	0.534462
0.450927	0.505118	0.634742	0.526749	0.377183	0.593274	0.75472	0.556241	0.588823	0.800324
0.563178	0.651877	0.758707	0.688511	0.629318	0.755717	0.674987	0.848395	0.900802	0.925965
1.089322	1.096881	0.953303	0.954775	0.996355	1.011697	1.015994	1.396696	1.164264	1.353692
1.508515	1.091653	1.137849	0.954039	1.369897	1.611011	1.410066	2.370292	0.582132	0.291066
0.033606	0.016803	0	0	0	0	0	0	0	0
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9.76E-04	4.88E-04	2.44E-04	1.22E-04	0	0	0	0	0	0
0.752192	1.950047	2.454286	0.814928	1.305289	0	0	0	0	0
0.767786	1.138231	1.777592	1.50242	0.976871	0.899792	0	0	0	0

0.611518	0.720216	0.76979	1.20685	1.131031	0.822712	1.088663	0.395224	0.197612	0
0.560896	0.443119	0.504625	0.792423	0.711716	0.552536	0.790449	1.145412	1.078856	1.309064
0.395193	0.379702	0.435863	0.483493	0.544191	0.41466	0.511276	0.493447	0.629517	0.676504
0.610667	0.390423	0.382608	0.519808	0.518925	0.455141	0.42024	0.494778	0.460185	0.47278
1.176984	0.555753	0.544314	0.797615	0.600458	0.537831	0.473161	0.427039	0.462599	0.376167
1.079198	0.801355	0.87197	1.238098	0.828968	0.678283	0.517396	0.326685	0.409678	0.338725
0.625372	0.384774	0.505303	0.528151	0.674044	0.712566	0.501925	0.608385	0.522181	0.457591
0.379428	0.316021	0.367037	0.238371	0.349258	0.397057	0.389081	0.432202	0.458383	0.48342
0.291561	0.388361	0.421085	0.36552	0.274072	0.246953	0.448517	0.326233	0.323907	0.463603
0.612371	0.594494	0.533322	0.449982	0.248877	0.246953	0.325657	0.391474	0.421077	0.241851
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1.022517	0.877536	1.211843	2.591617	0.63988	0.795914	0.951949	1.430768	0.95176	1.844206
0.889702	0.865369	1.456555	1.538333	1.27976	1.536347	0.991243	1.242753	0.97946	0.92406
0.563605	0.57015	0.699446	0.647964	0.578622	1.32271	1.166102	0.771075	0.506273	0.842171
0.565173	0.690528	0.650008	0.593078	0.726179	1.083111	1.269832	1.082686	0.82157	0.581761
0.598636	0.553098	0.470267	0.707544	0.67693	0.555804	0.621156	0.864644	0.713648	0.573643
0.709145	0.739029	0.508221	0.671223	0.664951	0.333136	0.496261	0.74075	0.574767	0.687998
0.49698	0.590376	0.590188	0.407185	0.670899	0.538678	0.365962	0.565707	0.624585	0.520703
0.494303	0.501558	0.535501	0.5319	0.548232	0.522904	0.4182	0.658782	0.511069	0.436796
0.659561	0.511803	0.584635	0.710803	0.642875	0.464367	0.597269	0.647294	0.461634	0.710552
0.794746	0.829457	0.499064	0.652708	0.881204	0.785676	0.550865	0.647294	0.6708	0.674601
0.614183	0.570941	0.478831	0.600628	0.644751	0.679782	0.622914	0.639801	0.684961	0.778426
0.623066	0.578934	0.40358	0.687451	0.638221	0.442177	0.471957	0.631522	0.662911	0.587536
0.531917	0.72076	0.674509	0.520494	0.440777	0.631084	0.522705	0.342351	0.5308	0.547123
0.476011	0.315106	0.445545	0.454074	0.381032	0.500938	0.479486	0.345169	0.367487	0.447491
0.576312	0.485002	0.667775	0.625887	0.640077	0.492978	0.753406	0.649187	0.440632	0.467181
0.714651	0.820924	0.590188	0.688485	0.627251	0.69521	0.740518	0.675595	0.566862	0.75705
0.533375	0.53523	0.445545	0.408271	0.614793	0.661964	0.470095	0.635182	0.479199	0.624799
0.617714	0.584617	0.553465	0.505964	0.664951	0.816396	0.454283	0.741923	0.834433	0.537396
0.524701	0.676166	0.670648	0.537718	0.557358	0.686913	0.628229	0.752627	0.702801	0.683832
0.630307	0.524424	0.400991	0.521904	0.604392	0.579209	0.497579	0.491075	0.417811	0.339412
0.530464	0.543329	0.309171	0.676229	0.528374	0.464983	0.451307	0.658782	0.500856	0.233034
0.509236	0.582986	0.547635	0.59059	0.677943	0.616867	0.63906	0.805034	0.834433	0.630263
0.58199	0.566216	0.696377	0.466322	0.474997	0.524315	0.623795	0.481941	0.408464	0.63118
0.509927	0.703228	0.690303	0.443929	0.496502	0.472441	0.581777	0.378963	0.546957	0.526437
0.569912	0.609854	0.57605	0.51699	0.467434	0.509728	0.894004	0.665626	0.749106	0.650904
0.419692	0.379905	0.424328	0.568035	0.399335	0.553532	0.555364	0.478084	0.387234	0.512242
0.412448	0.480478	0.210176	0.311278	0.463701	0.430069	0.331319	0.534736	0.498842	0.289824

0.586917	0.520176	0.41623	0.388098	0.389303	0.438683	0.464556	0.746648	0.626378	0.481254
0.347866	0.52585	0.455383	0.347519	0.424628	0.404135	0.490381	0.37089	0.512449	0.517158
0.375391	0.538157	0.541169	0.442163	0.377462	0.521498	0.561436	0.445428	0.422281	0.489127
0.297555	0.546311	0.389273	0.320059	0.260607	0.464367	0.374326	0.269274	0.52936	0.375585
0.425348	0.517367	0.504929	0.426017	0.40094	0.388356	0.430462	0.455638	0.483057	0.442705
0.295439	0.328492	0.397903	0.345633	0.340015	0.37114	0.325509	0.357596	0.367982	0.411711
0.353137	0.437649	0.483802	0.388617	0.499855	0.466217	0.295907	0.374403	0.488909	0.452939
0.430502	0.586255	0.419451	0.520494	0.55967	0.475586	0.402017	0.50994	0.522941	0.513641
0.294596	0.390229	0.534096	0.569607	0.49717	0.515227	0.495604	0.44306	0.367982	0.357611
0.465894	0.28621	0.418913	0.55489	0.360039	0.398811	0.48522	0.545065	0.341549	0.497146
0.402073	0.406732	0.512205	0.530458	0.381544	0.551271	0.411113	0.44247	0.426229	0.529332
0.516198	0.503587	0.659268	0.581589	0.390348	0.509045	0.537641	0.502431	0.385682	0.393804
0.380495	0.375338	0.414629	0.601475	0.418444	0.485808	0.476333	0.495715	0.495506	0.333357
0.345965	0.446478	0.296809	0.357556	0.480113	0.404671	0.528335	0.447213	0.472214	0.421232
0.455397	0.700018	0.547635	0.56882	0.453901	0.426671	0.547891	0.374908	0.474108	0.421232
0.534837	0.469055	0.394837	0.438652	0.407966	0.35842	0.478222	0.44247	0.317072	0.339412
0.53119	0.414948	0.485053	0.477648	0.414002	0.459472	0.515082	0.366413	0.222407	0.38852
0.5169	0.279682	0.493917	0.451066	0.454507	0.500938	0.547891	0.4134	0.310511	0.449904
0.572301	0.460988	0.381304	0.411543	0.534164	0.3197	0.31585	0.46734	0.258222	0.379683
0.479221	0.399735	0.437607	0.428856	0.466809	0.461912	0.414915	0.286217	0.270716	0.427506
0.319745	0.405648	0.584635	0.463845	0.348009	0.574426	0.52692	0.349431	0.44653	0.458456
0.484408	0.41661	0.638258	0.571977	0.653293	0.502278	0.51098	0.455638	0.274695	0.472246
0.428204	0.497526	0.409859	0.450466	0.521243	0.435792	0.344104	0.476169	0.432508	0.38852
0.412448	0.467804	0.333675	0.426583	0.46	0.25394	0.413281	0.446022	0.357215	0.365508
0.443958	0.42615	0.370099	0.473208	0.525508	0.387324	0.508943	0.425702	0.382084	0.365508
0.292495	0.417721	0.287962	0.355626	0.446098	0.355537	0.430462	0.376931	0.46845	0.438561
0.422511	0.365852	0.497771	0.465701	0.434361	0.45044	0.459691	0.444835	0.33876	0.426358
0.523272	0.452465	0.516227	0.347519	0.40094	0.451634	0.429897	0.275249	0.304476	0.580126
0.378446	0.417721	0.441558	0.372809	0.411797	0.404671	0.404673	0.347058	0.416147	0.497146
0.381009	0.533047	0.425966	0.433439	0.495167	0.502278	0.410033	0.331258	0.362565	0.372537
0.523272	0.484353	0.384772	0.54809	0.324006	0.458864	0.451307	0.405207	0.378516	0.455996
0.459689	0.492209	0.34216	0.48407	0.468685	0.501608	0.34736	0.339551	0.424533	0.43915
0.452358	0.433013	0.321895	0.354664	0.372412	0.364733	0.387951	0.526074	0.462865	0.435624
0.380495	0.422759	0.367701	0.475105	0.432051	0.39303	0.437875	0.378454	0.285625	0.372032
0.324683	0.409999	0.414629	0.331746	0.428609	0.493636	0.373829	0.38203	0.319282	0.348416
0.34644	0.333047	0.423784	0.34049	0.383085	0.466217	0.477592	0.374908	0.365019	0.4493
0.459073	0.302547	0.336337	0.384482	0.428609	0.369158	0.372838	0.349907	0.310945	0.307327
0.490318	0.384005	0.43986	0.316965	0.458773	0.397754	0.282433	0.336769	0.459794	0.412265
0.370346	0.300843	0.391793	0.31302	0.415662	0.464983	0.413825	0.377946	0.28358	0.299984
0.372861	0.378886	0.381798	0.396478	0.354223	0.346531	0.401488	0.395576	0.341083	0.295721
0.367347	0.42615	0.499712	0.499883	0.36544	0.397227	0.360153	0.42627	0.358668	0.380713
0.378446	0.312041	0.418913	0.457104	0.327161	0.379156	0.394667	0.290351	0.33461	0.371526
0.350254	0.330764	0.36484	0.281873	0.419562	0.421065	0.270927	0.400365	0.33876	0.425786
0.374377	0.493532	0.526446	0.429997	0.423497	0.449845	0.28973	0.413951	0.479199	0.408399
0.375391	0.303402	0.405663	0.438652	0.394554	0.350774	0.36208	0.351817	0.332322	0.399152
0.378446	0.28621	0.373963	0.413739	0.374425	0.346062	0.419852	0.347532	0.343418	0.365508
0.398847	0.411643	0.376885	0.419277	0.390348	0.452231	0.400431	0.382543	0.309211	0.300841

0.430502	0.400269	0.352659	0.480205	0.375435	0.394599	0.352999	0.332172	0.249459	0.293184
0.377426	0.404027	0.33235	0.495875	0.458773	0.422739	0.324622	0.357596	0.312687	0.334283
0.306988	0.431287	0.49073	0.536986	0.448484	0.3503	0.223146	0.329892	0.515222	0.480604
0.318408	0.408362	0.387267	0.440404	0.396673	0.391987	0.338122	0.345169	0.410646	0.43915
0.340312	0.401876	0.405663	0.27263	0.32852	0.38939	0.364017	0.453819	0.481124	0.38538
0.479221	0.483057	0.411443	0.180537	0.483342	0.565016	0.502222	0.548814	0.447719	0.403479
0.450544	0.441747	0.572203	0.379368	0.409057	0.522904	0.481389	0.478084	0.469075	0.419536
0.545215	0.333964	0.352197	0.460768	0.375941	0.372632	0.49692	0.501079	0.464719	0.380197
0.412448	0.412742	0.394837	0.409359	0.415108	0.472441	0.411654	0.389793	0.47984	0.42981
0.327401	0.396543	0.405142	0.420393	0.450883	0.489053	0.536196	0.403048	0.383109	0.40023
0.443364	0.388664	0.413564	0.406103	0.400405	0.421065	0.462725	0.41839	0.498173	0.454159
0.455397	0.544817	0.497771	0.424886	0.49784	0.413885	0.452495	0.475532	0.543232	0.493118
0.477292	0.689486	0.587006	0.577558	0.445503	0.48323	0.471957	0.56885	0.589369	0.544859
0.560485	0.505627	0.433135	0.616132	0.507324	0.432921	0.405206	0.523225	0.455529	0.389572
0.50035	0.524424	0.445545	0.440404	0.365934	0.490357	0.462725	0.385119	0.452509	0.380197
0.508546	0.549315	0.536206	0.485366	0.397204	0.55052	0.517148	0.487137	0.531521	0.587536
0.511313	0.515272	0.392806	0.435748	0.396142	0.45343	0.514396	0.447809	0.452509	0.462174
0.476651	0.587899	0.336782	0.409359	0.50801	0.467454	0.49103	0.498389	0.450706	0.467181
0.445744	0.632067	0.574507	0.467566	0.471829	0.493636	0.467624	0.412298	0.498842	0.553987
0.475372	0.542586	0.591787	0.592247	0.526938	0.45403	0.497579	0.462992	0.418368	0.607939
0.53704	0.544817	0.583061	0.570396	0.473727	0.441009	0.55991	0.486484	0.419482	0.485173
0.477292	0.553859	0.668731	0.515597	0.526938	0.594713	0.566046	0.440119	0.44653	0.509458
0.528294	0.460374	0.504273	0.5019	0.567466	0.478119	0.571487	0.475532	0.500183	0.568049
0.414664	0.45976	0.485053	0.510066	0.54374	0.518003	0.530465	0.389793	0.408464	0.525716
0.433392	0.534501	0.433692	0.466322	0.634534	0.489053	0.321092	0.480652	0.581196	0.563311
0.474733	0.493532	0.442693	0.480205	0.541511	0.6031	0.488438	0.591514	0.707107	0.629347
0.696208	0.556915	0.490096	0.621426	0.659083	0.549022	0.485862	0.644469	0.533693	0.557073
0.533375	0.509734	0.608116	0.685389	0.590071	0.627486	0.534756	0.523225	0.533693	0.648031
0.624865	0.516667	0.684312	0.708628	0.453901	0.759408	0.580178	0.57043	0.610501	0.669557
0.597788	0.502233	0.598245	0.610902	0.441954	0.57522	0.557631	0.502431	0.583632	0.586706
0.50035	0.544817	0.558631	0.559484	0.493837	0.716671	0.602278	0.3739	0.666838	0.656709
0.507169	0.643147	0.826099	0.609173	0.653293	0.961252	0.617662	0.639801	0.798267	0.667555
0.850104	0.638496	0.649093	0.668246	0.675919	0.697309	0.639975	0.715711	0.596858	0.601031
0.701552	0.637571	0.531996	0.69791	0.856028	0.716671	0.566046	0.803677	0.592682	0.497146
0.687793	0.532322	0.56915	0.64048	0.622761	0.660029	0.645505	0.580034	0.506273	0.625705
0.749239	0.623939	0.543314	0.591418	0.56668	0.721094	0.63906	0.649187	0.618367	0.612313
0.608938	0.499537	0.537618	0.586476	0.54598	0.640212	0.591497	0.51969	0.543975	0.518572
0.547472	0.585435	0.623356	0.591418	0.536355	0.666841	0.577791	0.436615	0.520822	0.522129
0.619491	0.562316	0.603976	0.624991	0.667915	0.5873	0.501556	0.513397	0.520822	0.510848
0.586092	0.635729	0.573738	0.545846	0.641941	0.591403	0.598932	0.709125	0.59602	0.521416
0.615945	0.578934	0.599059	0.554129	0.526938	0.472441	0.552359	0.650137	0.578774	0.568844
0.555848	0.484353	0.651845	0.571186	0.60013	0.555045	0.685306	0.626991	0.53807	0.648987
0.550499	0.414948	0.577598	0.651755	0.58105	0.631084	0.696635	0.574406	0.477921	0.542606
0.573901	0.513187	0.565364	0.57436	0.52337	0.573634	0.639975	0.479366	0.471584	0.531517
0.605477	0.626631	0.55054	0.466322	0.524082	0.641135	0.511661	0.412298	0.588545	0.464045
0.656642	0.681241	0.607285	0.639553	0.613042	0.574426	0.540545	0.584917	0.556795	0.63118
0.646105	0.645021	0.502312	0.5319	0.665937	0.581621	0.522007	0.675595	0.646607	0.522844

0.604616	0.538892	0.368179	0.530458	0.62906	0.58567	0.645505	0.612799	0.540275	0.573643
0.719107	0.58136	0.47514	0.581589	0.600979	0.529288	0.667382	0.658782	0.527926	0.637656
0.55508	0.683288	0.470873	0.321391	0.514228	0.532155	0.550865	0.512011	0.535147	0.476083
0.53704	0.516667	0.478831	0.41045	0.459386	0.517307	0.494948	0.377438	0.454318	0.612313
0.530464	0.556149	0.649093	0.515597	0.437849	0.602254	0.433298	0.375413	0.52507	0.538878
0.635817	0.665206	0.714063	0.690562	0.58105	0.598886	0.524106	0.499732	0.581196	0.495799
0.615063	0.766716	0.602331	0.532623	0.641941	0.622144	0.5103	0.590683	0.658052	0.548639
0.491642	0.588723	0.607285	0.54884	0.459386	0.522904	0.579381	0.611927	0.517314	0.622093
0.55816	0.461603	0.535501	0.652708	0.573806	0.454632	0.598932	0.605874	0.546957	0.522844
0.569119	0.438232	0.373963	0.495875	0.548986	0.475586	0.454881	0.538397	0.486299	0.483863
0.550499	0.449461	0.488198	0.549592	0.499182	0.525022	0.457279	0.552596	0.470955	0.445092
0.577119	0.462219	0.542598	0.73433	0.604392	0.683843	0.61506	0.549568	0.521527	0.603608
0.763885	0.592036	0.467851	0.727477	0.738832	0.713384	0.609902	0.677616	0.425097	0.532247
0.600336	0.676166	0.48568	0.52902	0.631788	0.598049	0.489732	0.617184	0.568431	0.493118
0.55816	0.558452	0.549085	0.543614	0.62906	0.494295	0.617662	0.597369	0.518013	0.557847
0.749239	0.702155	0.689299	0.568035	0.541511	0.490357	0.410573	0.669586	0.695366	0.613193
0.69093	0.570941	0.623356	0.535527	0.533436	0.45343	0.388464	0.539133	0.677823	0.614958
0.588572	0.553098	0.677427	0.594744	0.503913	0.517307	0.580178	0.544319	0.519415	0.57931
0.558934	0.50021	0.711945	0.647964	0.530536	0.698362	0.607346	0.568062	0.460406	0.61762
0.572301	0.420513	0.445545	0.507327	0.459386	0.565792	0.479486	0.500405	0.612236	0.629347
0.689882	0.490232	0.443832	0.435169	0.480757	0.561154	0.43845	0.67158	0.644729	0.519992
0.696208	0.544817	0.529907	0.624991	0.698723	0.543081	0.687344	0.647294	0.502879	0.561743
0.607204	0.632067	0.634705	0.779163	0.753069	0.667823	0.680252	0.639801	0.581196	0.588367
0.534105	0.579741	0.478214	0.418164	0.458161	0.444522	0.591497	0.551837	0.439462	0.493787
0.569912	0.52585	0.533395	0.442751	0.474997	0.468696	0.567594	0.576007	0.503556	0.512242
0.695147	0.696831	0.821996	0.623205	0.709498	0.816396	0.755791	0.688906	0.635457	0.637656
0.588572	0.709719	0.617366	0.48407	0.729593	0.801432	0.593961	0.741923	0.550715	0.610558
0.607204	0.662265	0.54836	0.48797	0.585947	0.711206	0.636327	0.64635	0.640996	0.568049
0.570707	0.460374	0.41623	0.622315	0.665937	0.704736	0.752218	0.686831	0.611368	0.634869
0.477934	0.511112	0.529212	0.594744	0.704077	0.680794	0.539817	0.564144	0.696421	0.64423
0.5134	0.552339	0.506901	0.560255	0.572212	0.675759	0.612473	0.541348	0.528642	0.540366
0.553547	0.498866	0.572203	0.591418	0.504593	0.637453	0.668358	0.575206	0.548457	0.647078
0.853142	0.657406	0.647268	0.613509	0.652336	0.686913	0.740518	0.657813	0.78254	0.596768
0.63122	0.725255	0.738076	0.450466	0.58105	0.772969	0.692481	0.717928	0.743188	0.598468
0.475372	0.618604	0.640045	0.577558	0.712783	0.712293	0.68429	0.674587	0.602774	0.628434
0.679538	0.74727	0.651845	0.790805	0.806932	0.767989	0.704001	0.641662	0.591851	0.736677
0.671436	0.663243	0.567632	0.587295	0.662007	0.490357	0.450122	0.558717	0.471584	0.63302
0.686752	0.479835	0.442125	0.63495	0.558898	0.586484	0.278032	0.469844	0.475375	0.515747
0.628485	0.623939	0.593393	0.637706	0.548986	0.62303	0.427645	0.515484	0.577167	0.554756
0.55508	0.688447	0.608116	0.571186	0.598438	0.668807	0.463945	0.46485	0.675805	0.68487
0.497652	0.622153	0.669688	0.512823	0.614793	0.819172	0.543468	0.435453	0.571587	0.538136
0.786823	0.57015	0.600692	0.703236	0.733035	0.687942	0.595612	0.489758	0.447719	0.440924
0.698338	0.704303	0.663974	0.614382	0.649476	0.724441	0.678247	0.783824	0.577167	0.495127
0.488998	0.609854	0.523697	0.361929	0.509384	0.485162	0.571487	0.596528	0.521527	0.45051
0.595255	0.528714	0.518928	0.391222	0.519127	0.485808	0.628229	0.558717	0.437713	0.57931
0.786823	0.559222	0.764685	0.726345	0.754277	0.688973	0.770382	0.583283	0.47984	0.582582
0.565173	0.538157	0.685305	0.536986	0.592564	0.836217	0.564504	0.501079	0.541751	0.607939

0.527573	0.61684	0.687297	0.56725	0.49053	0.623917	0.544202	0.638873	0.543232	0.408399
0.562823	0.542586	0.514882	0.649855	0.673904	0.609929	0.52692	0.756255	0.638218	0.490453
0.505112	0.534501	0.520966	0.564906	0.614793	0.730077	0.550119	0.614548	0.637295	0.603608
0.536305	0.385036	0.492002	0.578361	0.526938	0.552777	0.62645	0.591514	0.532968	0.604471
0.600336	0.397604	0.49584	0.69897	0.441365	0.368171	0.663497	0.520394	0.519415	0.65964
0.670434	0.540366	0.588594	0.751952	0.58105	0.506326	0.52692	0.604159	0.500183	0.528607
0.568327	0.524424	0.628557	0.492564	0.534893	0.637453	0.575416	0.603305	0.612236	0.594231
0.571503	0.523004	0.613979	0.5019	0.468685	0.629281	0.57227	0.579225	0.613979	0.471609
0.628485	0.52585	0.549085	0.524736	0.555824	0.56813	0.470715	0.476169	0.586081	0.45051
0.555848	0.566216	0.603153	0.552612	0.555824	0.531437	0.574628	0.459299	0.558329	0.580126
0.593575	0.447669	0.514211	0.626785	0.671899	0.565016	0.683277	0.637024	0.552985	0.605335
0.684679	0.406189	0.593393	0.708628	0.652336	0.613384	0.63906	0.548062	0.480481	0.696453
0.599485	0.45066	0.66587	0.693696	0.630877	0.734639	0.564504	0.637947	0.404134	0.648031
0.53119	0.654516	0.734722	0.571977	0.54974	0.690006	0.599766	0.647294	0.502204	0.612313
0.71244	0.67315	0.607285	0.622315	0.777887	0.696258	0.603961	0.890322	0.699599	0.552452
0.561263	0.643147	0.560863	0.513514	0.643812	0.772969	0.624678	0.67258	0.719175	0.721718
0.633972	0.64035	0.608949	0.571977	0.698723	0.642988	0.610758	0.598212	0.662911	0.607939
0.699406	0.734389	0.6863	0.720731	0.700857	0.540873	0.772863	0.709125	0.637295	0.747344
0.856202	0.99323	0.752915	0.800081	1.032823	0.860036	0.741674	0.51132	0.779973	0.696453
0.582808	0.862261	0.831632	0.678248	0.816596	0.908557	0.593961	0.670582	0.908595	0.699666
0.609808	0.811177	0.811239	0.646081	0.805569	0.864651	0.575416	0.693085	0.692218	0.629347
0.751646	0.866932	0.746003	0.767824	0.843967	0.781825	0.63906	0.700497	0.640996	0.55016
0.699406	0.649743	0.80204	0.764109	0.726179	0.736938	0.551611	0.503108	0.68599	0.544107
0.813816	0.642212	0.663974	0.771571	0.725047	0.653322	0.604805	0.489758	0.567646	0.5892
0.85774	0.796289	0.682334	0.943145	0.738832	0.633802	0.650168	0.469217	0.521527	0.676636
0.725877	0.836698	0.866394	0.840773	0.835136	0.667823	0.642731	0.604159	0.657086	0.652831
0.694089	0.798958	0.855964	0.578361	0.537822	0.673761	0.622914	0.619837	0.699599	0.6414
0.871832	0.798958	0.70565	0.694746	0.564331	0.558089	0.529753	0.747837	0.831542	0.588367
0.587744	0.785772	0.614823	0.705384	0.711685	0.783105	0.615926	0.745462	0.861361	0.676636
0.74328	0.701085	0.541883	0.66138	0.636374	0.678773	0.63181	0.652044	0.59854	0.535919
0.901468	0.780608	0.694343	0.69791	0.639148	0.604798	0.790633	0.653	0.52365	0.655736
0.680561	0.582172	0.880182	0.757988	0.725047	0.759408	0.691448	0.757471	0.695366	0.736677
0.674457	0.625732	0.874	0.61177	0.762827	0.766753	0.576206	0.649187	0.601924	0.610558
0.715761	0.666191	0.642739	0.528304	0.637297	0.58567	0.513026	0.56026	0.602774	0.507381
0.680561	0.728658	0.541883	0.518388	0.772809	0.663908	0.562201	0.730332	0.687022	0.519992
0.735072	0.728658	0.76588	0.564127	0.742348	0.747437	0.63906	0.655881	0.627277	0.575254
0.689882	0.667179	0.702537	0.725217	0.613917	0.44925	0.518531	0.595688	0.440047	0.544107
0.614183	0.724127	0.716192	0.956379	0.772809	0.548275	0.781657	0.755042	0.462249	0.596768
0.58199	0.518068	0.649093	0.779163	0.882827	0.790865	0.712576	0.675595	0.608772	0.669557
0.54148	0.58136	0.735837	0.586476	0.620977	0.735786	0.502222	0.529663	0.659989	0.590871
0.79742	0.787073	0.728091	0.527588	0.558128	0.608212	0.486504	0.574406	0.693265	0.616731
0.788134	0.808432	0.714063	0.649855	0.677943	0.745082	0.562967	0.796958	0.702801	0.54788
0.644216	0.61159	0.685305	0.66138	0.632702	0.741573	0.53909	0.577613	0.713648	0.584227
0.777758	0.489575	0.578375	0.669236	0.596751	0.573634	0.634515	0.601601	0.606191	0.778426
0.74328	0.538157	0.616517	0.722968	0.720547	0.547529	0.661568	0.628798	0.522941	0.674601
0.760177	0.607264	0.661144	0.57277	0.712783	0.711206	0.523405	0.528943	0.450706	0.490453
0.657613	0.633894	0.644545	0.565686	0.648527	0.849454	0.602278	0.56885	0.477921	0.550923

0.762645	0.52585	0.666822	0.612639	0.762827	0.823371	0.603119	0.670582	0.593514	0.495799
0.546719	0.539629	0.560118	0.571977	0.649476	0.552777	0.480754	0.73958	0.713648	0.590871
0.539995	0.597053	0.487567	0.576757	0.524794	0.608212	0.628229	0.627893	0.698537	0.604471
0.695147	0.617721	0.515554	0.653663	0.525508	0.466835	0.669337	0.681688	0.52365	0.591708
0.686752	0.854585	0.848665	0.892249	0.882827	0.636538	0.779126	0.666613	0.552227	0.702903
0.489657	0.819518	0.941971	0.774087	0.622761	0.756987	0.63181	0.599903	0.602774	0.609683
0.583626	0.81394	0.711945	0.591418	0.521951	0.612518	0.537641	0.497719	0.531521	0.600175
0.700478	0.667179	0.402542	0.59391	0.678959	0.56424	0.50557	0.794299	0.746729	0.543356
0.560485	0.623939	0.49584	0.429426	0.578622	0.666841	0.602278	0.566491	0.638218	0.601031
0.678517	0.568572	0.508221	0.242302	0.322213	0.465599	0.525511	0.529663	0.552227	0.635796
0.670434	0.692619	0.587006	0.435748	0.453901	0.461912	0.627339	0.574406	0.547706	0.509458
0.618602	0.644083	0.642739	0.556416	0.642875	0.647655	0.769147	0.710216	0.623691	0.620299
0.454788	0.471567	0.636478	0.5319	0.577815	0.701538	0.588233	0.535466	0.646607	0.572037
0.573901	0.582172	0.569912	0.517689	0.571418	0.641135	0.528335	0.543575	0.708191	0.598468
0.722479	0.83524	0.764685	0.672219	0.610429	0.628383	0.556118	0.737249	0.725901	0.585052
0.527573	0.654516	0.85303	0.591418	0.573806	0.617742	0.57384	0.769821	0.666838	0.626613
0.559709	0.520176	0.623356	0.531178	0.567466	0.535042	0.630016	0.598212	0.462865	0.568049
0.659561	0.575719	0.63559	0.682314	0.66103	0.638371	0.743995	0.555646	0.518013	0.714984
0.623965	0.624835	0.680364	0.73896	0.794814	0.706882	0.809161	0.689947	0.600229	0.705075
0.526853	0.566216	0.689299	0.493224	0.699789	0.775481	0.593961	0.589855	0.603626	0.527882
0.640463	0.589549	0.514882	0.528304	0.634534	0.668807	0.612473	0.53987	0.449509	0.45661
0.648953	0.790999	0.67161	0.750754	0.685104	0.827611	0.677248	0.659753	0.59854	0.597618
0.638599	0.668168	0.617366	0.571977	0.569043	0.615122	0.666407	0.74075	0.699599	0.562526
0.577927	0.646903	0.523697	0.470691	0.536355	0.618619	0.652047	0.716818	0.644729	0.56018
0.745654	0.72076	0.597433	0.666273	0.599283	0.661964	0.679248	0.661702	0.674799	0.744951
0.501027	0.578128	0.601511	0.487317	0.562772	0.686913	0.61506	0.581655	0.615729	0.60881
0.474733	0.621263	0.666822	0.512823	0.582676	0.709038	0.610758	0.606733	0.687022	0.476726
0.694089	0.645021	0.458319	0.686418	0.684074	0.582428	0.610758	0.732625	0.638218	0.495799
0.526135	0.650693	0.516901	0.800081	0.644751	0.730077	0.55991	0.589028	0.565298	0.54788
0.568327	0.540366	0.523697	0.575956	0.340948	0.527149	0.622034	0.542831	0.492855	0.529332
0.728158	0.550824	0.625083	0.622315	0.588417	0.532875	0.59644	0.596528	0.576365	0.67868
0.733912	0.668168	0.80204	0.774087	0.701928	0.793483	0.818731	0.731477	0.616606	0.787543
0.568327	0.68741	0.79176	0.693696	0.607831	0.747437	0.648297	0.706952	0.638218	0.601888
0.652781	0.67315	0.774337	0.660407	0.675919	0.622144	0.574628	0.733777	0.779973	0.613193
0.823675	0.798958	0.775558	0.626785	0.841003	0.780549	0.761811	0.817436	0.601924	0.630263
0.705874	0.756884	0.663029	0.561026	0.738832	0.796117	0.72022	0.585736	0.725901	0.648031
0.655674	0.608989	0.564611	0.497874	0.472461	0.530003	0.603119	0.51132	0.399847	0.633944
0.809659	0.645021	0.661144	0.466943	0.50801	0.563467	0.794537	0.714606	0.488255	0.668555
0.793416	0.82375	0.883307	0.608311	0.759142	0.781825	0.621156	0.833092	0.791645	0.788861
0.609808	0.771716	0.725903	0.564906	0.677943	0.766753	0.564504	0.581655	0.759967	0.533712
0.681587	0.734389	0.675479	0.692649	0.856028	0.572844	0.574628	0.741923	0.639142	0.452939
0.830857	0.842579	0.782961	0.845208	0.896034	0.810895	0.822897	0.736089	0.630894	0.574448
0.706962	0.627533	0.590987	0.62949	0.560444	0.682824	0.71912	0.410104	0.506955	0.61762
0.620382	0.601278	0.581493	0.662354	0.583491	0.555804	0.697679	0.494384	0.411193	0.493787
0.623965	0.691572	0.722642	0.810931	0.836595	0.679782	0.641811	0.508565	0.427933	0.695387
0.540737	0.622153	0.73361	0.530458	0.770292	0.778008	0.577791	0.541348	0.537337	0.697521
0.621275	0.607264	0.541169	0.571977	0.662007	0.723322	0.585801	0.588203	0.676813	0.592548

0.818014	0.695774	0.603976	0.785592	0.6966	0.657142	0.678247	0.761139	0.64755	0.66457
0.742098	0.868501	0.784207	0.794757	0.712783	0.793483	0.695592	0.715711	0.720289	0.657683
0.689882	0.660315	0.747147	0.630395	0.550496	0.650479	0.618533	0.577613	0.615729	0.638589
0.736235	0.589549	0.817931	0.700033	0.463701	0.651425	0.838526	0.634264	0.545463	0.763229
0.745654	0.758101	0.738076	0.721848	0.555059	0.817782	0.885862	0.759913	0.629082	0.9064
0.684679	0.819518	0.789228	0.521904	0.628155	0.827611	0.601439	0.668593	0.624585	0.697521
0.717988	0.741368	0.627686	0.741293	0.703001	0.5187	0.652047	0.77613	0.718064	0.582582
0.688836	0.804346	0.749445	0.751952	0.695542	0.652373	0.815975	0.824482	0.708191	0.612313
0.58036	0.629341	0.628557	0.598096	0.692384	0.678773	0.70934	0.81604	0.696421	0.675617
0.645159	0.52585	0.580712	0.677237	0.657145	0.631084	0.619406	0.69519	0.563739	0.683832
1.038571	0.752051	0.938397	0.909134	0.753069	0.716671	0.784202	0.72805	0.632713	1.034256
0.911814	0.960956	0.854495	0.909134	1.046827	0.790865	0.87158	1.067506	0.815974	0.796856
0.669435	0.796289	0.669688	0.652708	0.789535	0.866201	0.609902	0.769821	0.767362	0.532979
0.886398	0.681241	0.640045	0.747182	0.753069	0.748619	0.748675	0.738413	0.815974	0.735508
0.969587	0.829457	0.811239	0.909134	0.985021	0.8804	0.854738	0.903755	1.013143	0.916909
0.681587	0.674153	0.738076	0.788191	0.839529	0.900084	0.604805	0.745462	0.701731	0.802268
0.766375	0.663243	0.779244	0.789496	0.564331	0.885238	0.815975	0.669586	0.517314	0.800909
0.729302	0.67115	0.827476	0.689523	0.499182	0.801432	0.802453	0.787723	0.641926	1.029635
0.722479	0.706461	0.496483	0.54809	0.765301	0.651425	0.618533	0.895311	0.881902	0.79284
0.644216	0.766716	0.545469	0.657504	0.718315	0.509045	0.672287	0.896987	0.924364	0.746146
0.901468	0.807066	0.604801	0.93576	0.794814	0.725562	0.785481	0.852352	0.767362	0.824619
0.678517	0.657406	0.647268	0.722968	0.930925	0.874032	0.692481	0.76857	0.938878	0.942468
0.632136	0.584617	0.653689	0.769069	0.812428	0.785676	0.919389	0.973931	0.739675	1.029635
0.642336	0.695774	0.728091	0.872817	0.923719	0.946065	1.119484	0.825905	0.728167	1.230603
0.687793	0.878032	0.793032	0.587295	0.955206	0.847963	0.63542	0.642595	0.658052	0.826055
0.697272	0.753254	0.713003	0.443929	0.745892	0.858508	0.501556	0.615425	0.696421	0.668555
0.860832	0.792315	0.417838	0.777888	0.755488	0.574426	0.608196	0.883759	0.881902	0.687998
0.847087	0.82517	0.583061	0.790805	0.92016	0.836217	0.809161	0.766079	0.78254	0.718338
0.646105	0.530154	0.529907	0.728612	0.669902	0.802772	0.742833	0.76857	0.713648	0.781012
0.674457	0.573324	0.582277	0.988233	0.64758	0.746258	1.041317	0.783824	0.593514	1.031939
0.711339	0.802993	0.828857	0.990303	0.832231	1.039353	0.895651	0.796958	0.744365	0.784919
0.722479	0.792315	0.811239	0.690562	0.833681	1.048703	0.686323	0.723522	0.729304	0.509458
0.793416	0.887777	0.72156	0.687451	0.67491	0.829033	0.715836	0.844843	0.68599	0.694324
0.825102	0.667179	0.539035	0.77535	0.771549	0.790865	0.652047	0.939273	0.66487	0.936863
0.658586	0.507676	0.604801	0.647964	0.632702	0.725562	0.498239	0.763602	0.71585	0.91514
0.686752	0.608989	0.662086	0.662354	0.557358	0.576015	0.656781	0.731477	0.659989	0.781012
0.716873	0.597894	0.84578	0.751952	0.67491	0.780549	0.866921	0.558717	0.545463	0.842171
0.776478	0.784476	0.834425	1.079886	0.961008	0.8804	0.902302	0.85387	0.870721	1.093923
0.698338	0.800299	0.811239	0.709714	0.843967	0.910271	0.676251	0.650137	0.881902	0.726267
0.859283	0.79496	0.703572	0.695798	0.765301	0.640212	0.661568	0.72578	0.680868	0.587536
1.000565	0.999558	1.0979	0.895574	0.964919	0.788263	1.012309	0.874096	0.926152	0.753385
0.559709	0.602128	0.866394	0.624991	0.78432	0.792172	0.72022	0.77613	0.786419	0.758279
0.5731	0.460988	0.696377	0.670228	0.571418	0.667823	0.774108	0.711309	0.651339	0.889431
0.752855	0.659343	0.850115	0.790805	0.604392	0.710121	0.73025	0.625191	0.736191	0.887769
0.793416	0.676166	0.615669	0.669236	0.802855	0.626591	0.680252	0.579225	0.725901	0.522129
0.784214	0.728658	0.575278	0.587295	0.658113	0.734639	0.781657	0.755042	0.866016	0.679705
0.836688	0.706461	0.554935	0.576757	0.620977	0.544558	0.953831	0.799634	0.618367	0.799554

0.763885	0.739029	0.57605	0.608311	0.669902	0.697309	0.751034	0.895311	0.771107	0.881188
0.638599	0.629341	0.633821	0.555653	0.593398	0.548275	0.564504	0.540608	0.601924	0.719462
0.581175	0.6526	0.742588	0.564127	0.503913	0.607356	0.79193	0.582468	0.602774	0.636725
0.736235	0.832339	0.669688	0.719616	0.711685	0.901766	0.860787	0.548062	0.695366	0.585878
0.625767	0.833787	0.600692	0.609173	0.812428	0.779276	0.688366	0.619837	0.626378	0.652831
0.630307	0.695774	0.509545	0.648908	0.8994	0.736938	0.683277	0.907179	0.618367	0.598468
0.686752	0.657406	0.56161	1.002939	0.829346	0.693121	0.728001	0.700497	0.38879	0.601888
0.558934	0.579741	0.586214	0.669236	0.742348	0.576811	0.597269	0.712405	0.521527	0.527882
0.600336	0.503587	0.55054	0.54884	0.625449	0.547529	0.518531	0.637947	0.661935	0.721718
0.558934	0.365852	0.680364	0.594744	0.605249	0.731213	0.607346	0.637024	0.733883	0.64423
0.565959	0.554621	0.599875	0.537718	0.519831	0.789562	0.79193	0.787723	0.779973	0.568844
0.41522	0.601278	0.611457	0.472578	0.662007	0.647655	0.519224	0.75869	0.721406	0.539621
0.577119	0.578934	0.422154	0.576757	0.728452	0.560386	0.4193	0.448406	0.556795	0.597618
0.563605	0.60043	0.412503	0.525447	0.539294	0.508364	0.697679	0.517582	0.492195	0.650904
0.51972	0.542586	0.492639	0.533347	0.528374	0.463138	0.652047	0.655881	0.587722	0.642341
0.516198	0.557683	0.613137	0.587295	0.550496	0.504297	0.584187	0.593178	0.504912	0.634869
0.643275	0.693668	0.603153	0.577558	0.569043	0.650479	0.638147	0.59485	0.591851	0.720589
0.447538	0.702155	0.56839	0.556416	0.606108	0.500938	0.42877	0.681688	0.684961	0.495127
0.374377	0.572528	0.524383	0.539919	0.6729	0.513846	0.388977	0.717928	0.641926	0.525716
0.623066	0.53523	0.599875	0.560255	0.574605	0.480029	0.636327	0.558717	0.52365	0.652831
0.514097	0.551581	0.529907	0.440404	0.67693	0.556565	0.610758	0.641662	0.645667	0.46467
0.567536	0.613333	0.555671	0.519089	0.54673	0.54977	0.588233	0.592345	0.524359	0.583403
0.6625	0.599583	0.642739	0.54884	0.38774	0.574426	0.539817	0.474896	0.525782	0.643284
0.750441	0.595374	0.56839	0.583212	0.52266	0.667823	0.70934	0.649187	0.639142	0.712763
0.524701	0.61596	0.512873	0.554129	0.574605	0.565016	0.457279	0.630612	0.648494	0.528607
0.534105	0.579741	0.459499	0.565686	0.641941	0.540873	0.526215	0.720157	0.472214	0.392212
0.470923	0.578128	0.499712	0.550345	0.516321	0.512469	0.686323	0.841875	0.654203	0.561743
0.379982	0.603833	0.497127	0.470691	0.447886	0.586484	0.647364	0.523225	0.638218	0.571237
0.581175	0.590376	0.470873	0.464463	0.519831	0.674759	0.637236	0.537663	0.458571	0.66457
0.650863	0.620375	0.652766	0.585657	0.604392	0.80953	0.657735	0.603305	0.488909	0.473521
0.643275	0.658373	0.605627	0.702165	0.649476	0.748619	0.604805	0.601601	0.498842	0.466552
0.597788	0.753254	0.706693	0.679261	0.690292	0.714477	0.603119	0.522516	0.638218	0.571237
0.693033	0.684315	0.638258	0.668246	0.67693	0.539408	0.598932	0.684766	0.684961	0.449904
0.491642	0.543329	0.633821	0.579972	0.581862	0.723322	0.582579	0.837461	0.803639	0.539621
0.474733	0.465934	0.541169	0.577558	0.591731	0.649536	0.579381	0.667602	0.762418	0.581761
0.539995	0.418836	0.616517	0.668246	0.54598	0.528574	0.751034	0.778679	0.655162	0.692205
0.679538	0.58055	0.723727	0.579972	0.670899	0.718877	0.724649	0.719041	0.571587	0.662591
0.46903	0.61684	0.650925	0.489277	0.606108	0.728943	0.573055	0.516882	0.499512	0.582582
0.540737	0.597053	0.603153	0.618771	0.610429	0.50295	0.383362	0.677616	0.537337	0.544107
0.656642	0.592036	0.552732	0.668246	0.604392	0.60141	0.426523	0.751425	0.671796	0.672576
0.596098	0.559993	0.549085	0.579972	0.565896	0.663908	0.571487	0.674587	0.7539	0.558624
0.667442	0.568572	0.54836	0.54734	0.577815	0.583236	0.694553	0.7431	0.666838	0.707258
0.628485	0.605545	0.56839	0.646081	0.622761	0.510412	0.624678	0.666613	0.657086	0.67868
0.508546	0.552339	0.554935	0.482134	0.633617	0.646718	0.479486	0.599903	0.773622	0.728559
0.422511	0.406732	0.583847	0.381918	0.555059	0.594713	0.507591	0.594013	0.620134	0.720589
0.532645	0.657406	0.554199	0.484718	0.653293	0.556565	0.477592	0.863088	0.693265	0.628434
0.655674	0.655477	0.645451	0.534799	0.552771	0.586484	0.629122	0.72465	0.663889	0.640461

0.60634	0.443515	0.394837	0.438652	0.537822	0.472441	0.560672	0.626991	0.55147	0.531517
0.55508	0.560766	0.523697	0.627685	0.613042	0.419953	0.570706	0.680666	0.530079	0.527159
0.679538	0.709719	0.651845	0.74837	0.735344	0.549022	0.644579	0.721276	0.577969	0.628434
0.485714	0.52728	0.532695	0.58894	0.514925	0.704736	0.723538	0.549568	0.629082	0.846672
0.446341	0.538157	0.616517	0.534073	0.501879	0.633802	0.663497	0.514788	0.675805	0.783612
0.452358	0.587076	0.528519	0.619654	0.700857	0.756987	0.55461	0.654918	0.641926	0.655736
0.545966	0.561541	0.562358	0.633122	0.597594	0.657142	0.577791	0.536929	0.509693	0.604471
0.46652	0.556915	0.566119	0.577558	0.644751	0.701538	0.575416	0.438948	0.517314	0.494456
0.625767	0.649743	0.56915	0.598939	0.617433	0.616867	0.641811	0.579225	0.535147	0.45661
0.749239	0.676166	0.634705	0.526873	0.45755	0.584857	0.657735	0.717928	0.720289	0.628434
0.673448	0.599583	0.560118	0.751952	0.501879	0.57048	0.705064	0.599057	0.659019	0.698592
0.523272	0.620375	0.55054	0.631302	0.562772	0.577609	0.597269	0.565707	0.590195	0.627523
0.405322	0.690528	0.636478	0.517689	0.721668	0.652373	0.556118	0.472995	0.552227	0.734342
0.479866	0.67115	0.709836	0.525447	0.641941	0.596377	0.598932	0.523936	0.511069	0.728559
0.487025	0.483705	0.506901	0.451666	0.505957	0.479391	0.413281	0.476806	0.610501	0.609683
0.460923	0.585435	0.581493	0.468813	0.499182	0.591403	0.413281	0.675595	0.614853	0.639524
0.438056	0.627533	0.67161	0.519089	0.680998	0.856986	0.575416	0.722398	0.743188	0.63302
0.562823	0.45066	0.483802	0.555653	0.554295	0.640212	0.71912	0.514092	0.635457	0.622093
0.685714	0.545564	0.558631	0.625887	0.5909	0.502278	0.628229	0.568062	0.617486	0.623896
0.55816	0.688447	0.57297	0.57277	0.526222	0.572844	0.641811	0.637947	0.778695	0.768236
0.624865	0.718529	0.608949	0.745998	0.662986	0.731213	0.712576	0.657813	0.577167	0.759511
0.491642	0.605545	0.534798	0.52902	0.62906	0.611653	0.558389	0.605016	0.596858	0.713872
0.475372	0.582172	0.558631	0.48407	0.564331	0.540873	0.445416	0.619837	0.78254	0.507381
0.590233	0.752051	0.752915	0.682314	0.612169	0.524315	0.535475	0.715711	0.752697	0.64423
0.555848	0.543329	0.557148	0.679261	0.534893	0.654274	0.541274	0.757471	0.60791	0.744951
0.602899	0.406189	0.511539	0.669236	0.580239	0.636538	0.798477	0.767322	0.654203	0.574448
0.459073	0.370819	0.649093	0.742465	0.690292	0.57522	0.774108	0.717928	0.779973	0.723987
0.576312	0.474729	0.571438	0.71299	0.675919	0.538678	0.509621	0.809129	0.771107	0.640461
0.505112	0.437649	0.565364	0.602323	0.579429	0.595544	0.484579	0.611057	0.755107	0.539621
0.384622	0.520176	0.54619	0.539919	0.700857	0.852451	0.651107	0.654918	0.706027	0.671567
0.460305	0.69472	0.70565	0.66333	0.705156	0.718877	0.690419	0.841875	0.773622	0.807749
0.577119	0.693668	0.541169	0.672219	0.751865	0.561154	0.630912	0.792976	0.710365	0.707258
0.761409	0.665206	0.675479	0.684361	0.619201	0.552777	0.508943	0.637024	0.672795	1.022794
0.663484	0.614207	0.71726	0.714087	0.604392	0.76552	0.766688	0.858454	0.613107	0.961691
0.700478	0.643147	0.627686	0.646081	0.606108	0.712293	0.732511	0.712405	0.539538	0.654765
0.619491	0.58055	0.586214	0.598096	0.500529	0.76552	0.746329	0.64073	0.674799	0.648987
0.518308	0.629341	0.78671	0.626785	0.555059	1.037046	0.851745	0.619837	0.794282	0.673588
0.813816	0.753254	0.831632	0.781723	0.774073	1.143374	1.178583	0.931933	0.766121	0.600175
0.652781	0.845549	0.440991	0.624991	0.748272	0.770472	0.690419	0.847831	0.703874	0.709451
0.683646	0.758101	0.571438	0.813687	0.932745	0.776743	0.813237	0.697305	0.558329	0.913378
0.586092	0.496191	0.773118	0.892249	0.813813	0.600567	0.746329	0.69943	0.626378	1.029635
0.658586	0.538892	0.771903	0.632211	0.74708	0.584857	0.561436	0.72465	0.666838	0.719462
0.71024	0.568572	0.701504	0.675223	0.567466	0.623917	0.646434	0.72805	0.800945	0.818923
0.559709	0.572528	0.833026	0.745998	0.528374	0.750994	0.606497	0.634264	0.767362	0.779717
0.825102	0.764237	0.93309	0.921357	0.811047	0.961252	0.905666	0.844843	0.632713	0.79151
0.713544	0.709719	0.618216	0.651755	0.953289	0.794798	0.676251	0.94299	0.584447	0.729709
0.675468	0.675159	0.609783	0.673218	0.925509	0.726686	0.782928	0.827333	0.585263	0.860463

0.792089	0.787073	0.531996	0.769069	0.6966	0.561154	0.795846	0.769821	0.64944	0.818923
0.768879	0.808432	0.57297	0.59391	0.659083	0.543081	0.644579	0.704789	0.583632	0.681764
0.838159	0.779327	0.588594	0.539184	0.617433	0.540873	0.790633	0.710216	0.684961	0.773301
0.763885	0.52728	0.71726	0.610037	0.67491	0.774223	0.786763	0.679647	0.690132	0.79284
0.833763	0.659343	0.975538	0.964126	1.105131	0.756987	0.613334	0.726914	0.80229	0.549399
0.626671	0.907949	0.828857	0.732034	0.906211	0.756987	0.580178	0.675595	0.769855	0.469073
0.609808	0.847042	0.736955	0.657504	0.78692	0.722207	0.689391	0.675595	0.822981	0.648987
0.819423	0.726387	0.475753	0.815071	0.825055	0.753381	0.856243	0.971931	1.047285	0.796856
0.752855	0.783183	0.652766	0.708628	0.78432	0.800097	0.781657	0.703712	0.642858	0.616731
0.600336	0.563872	0.774337	0.754356	0.558898	0.701538	0.721323	0.462374	0.454923	0.635796
0.69093	0.60043	0.738076	0.703236	0.536355	0.660996	0.753406	0.600751	0.609635	0.901239
0.836688	0.783183	0.808591	0.86033	0.770292	0.721094	0.650168	0.729189	0.834433	0.734342
0.709145	0.737864	0.703572	0.647021	0.74708	0.877204	0.566819	0.649187	0.846195	0.79151
0.806909	0.989062	0.690303	0.733181	1.094413	0.967087	0.569926	0.954336	0.841747	0.652831
0.850104	0.779327	0.688297	0.832035	1.287948	0.89013	0.676251	0.94299	0.80229	0.902953
0.79742	0.79496	0.57297	0.722968	0.889381	0.858508	0.708267	0.629704	0.671796	0.796856
0.775202	0.838161	0.605627	0.785592	0.683046	0.763065	0.781657	0.867772	0.636375	0.674601
0.940672	0.703228	0.681348	1.128419	0.785618	0.836217	1.133522	0.903755	0.648494	0.723987
1.22545	1.215218	0.981394	0.848191	1.195258	1.012453	0.802453	0.764838	0.739675	0.79284
0.822253	0.959016	0.878628	0.691604	1.121722	1.128925	0.702941	0.869344	0.944449	0.834771
0.649907	0.781894	0.880182	0.715187	0.997545	0.908557	0.595612	1.000801	0.834433	0.568844
0.63953	0.801644	1.02259	0.887309	0.71059	0.792172	0.682266	0.709125	0.878678	0.744951
0.695147	0.769209	0.767078	0.789496	0.488558	0.710121	0.595612	0.757471	0.837344	0.703988
0.765128	0.959016	0.679383	0.820652	0.66103	0.544558	0.638147	0.874096	0.755107	0.741386
0.938811	0.83524	0.57297	0.941287	0.911389	0.872454	0.967243	0.883759	0.828669	0.913378
0.901468	0.815328	0.769484	0.88895	0.921936	0.995403	0.848773	0.702638	1.002334	0.839196
0.819423	0.765475	0.922666	0.709714	0.717203	0.731213	0.724649	0.711309	0.772362	0.668555
0.813816	0.891075	0.726996	0.53845	0.91313	0.852451	0.68429	0.813263	0.746729	0.691149
0.948196	0.784476	0.833026	0.671223	0.851465	1.085676	0.839975	0.59485	0.692218	0.783612
0.733912	0.802993	0.768279	0.781723	0.745892	0.615122	0.741674	0.653	0.671796	0.472246
0.804177	0.701085	0.634705	0.714087	0.815202	0.584046	0.755791	0.792976	0.601924	0.565673
1.330629	1.061085	0.94921	1.098122	0.86374	0.752186	0.86538	1.101093	0.942584	0.763229
1.741013	1.016897	1.246605	1.000807	0.936409	1.058259	0.955722	0.703712	0.735035	0.865158
1.482508	0.766716	0.929587	0.861871	0.682021	0.84205	0.944499	0.647294	0.618367	0.723987
0.688836	0.61684	0.739199	0.751952	0.718315	0.675759	0.391554	0.635182	0.75753	0.648031
0.602043	0.664224	0.914167	0.905704	0.744708	0.563467	0.530465	0.57043	0.669806	0.834771
0.488998	0.657406	0.71726	0.695798	0.731885	0.553532	0.696635	0.736089	0.772362	0.700743
0.485714	0.822335	0.840065	0.568035	0.801505	0.617742	0.669337	0.917615	0.762418	0.519281
0.768879	1.308305	0.870942	0.767824	0.961008	0.794798	0.841429	0.611927	0.7503	0.649945
1.027044	0.914887	0.886454	0.928499	0.714987	0.926015	0.924649	0.664642	0.709277	0.8133
0.744465	0.707545	0.696377	0.83348	0.600979	0.949813	0.922888	0.763602	0.85069	0.654765
0.698338	0.61684	0.962175	0.910859	0.623655	0.957405	0.955722	0.703712	0.872301	0.842171
0.891363	0.572528	0.664921	0.962176	0.806932	0.655228	0.57384	0.59485	0.59602	0.772029
0.716873	0.523004	0.650925	0.771571	0.74708	0.69208	0.577791	0.613673	0.732734	0.632099
0.603756	0.764237	0.881742	0.57436	0.839529	0.882007	0.7606	0.809129	0.869147	0.626613
0.49564	0.711905	0.734722	0.769069	0.90793	1.134647	1.087536	0.859993	0.85069	0.583403
0.676482	0.508361	0.539745	0.660407	0.677943	0.57048	0.629122	0.74075	0.586901	0.55016

0.825102	0.734389	0.569912	0.710803	0.569833	0.648595	0.72022	0.67863	0.571587	0.755825
0.748041	0.635729	0.676452	0.645142	0.526222	0.630182	0.667382	0.598212	0.614853	0.836241
0.713544	0.670154	0.586214	0.672219	0.612169	0.545299	0.663497	0.641662	0.620134	0.670561
0.740919	0.543329	0.920953	0.781723	0.648527	0.699418	0.733646	0.548814	0.666838	0.796856
0.669435	0.614207	0.929587	0.784299	0.67491	1.001719	0.873144	0.675595	0.906878	0.741386
0.793416	0.785772	0.781718	0.73896	0.882827	0.785676	1.082433	1.052839	0.853712	0.794175
0.728158	0.742542	0.455383	0.59059	0.770292	0.53722	0.644579	0.917615	0.777421	0.636725
0.573901	0.81672	0.558631	0.638628	0.689249	0.607356	0.692481	0.69099	0.520118	0.623896
0.632136	0.554621	0.683322	0.676229	0.49053	0.522201	0.758189	0.732625	0.610501	0.711656
0.777758	0.597053	0.698421	0.701098	0.582676	0.565792	0.570706	0.597369	0.549961	0.593388
0.663484	0.619488	0.55127	0.529739	0.449082	0.596377	0.65299	0.600751	0.581196	0.5892
0.653743	0.489575	0.663029	0.559484	0.412898	0.581621	0.603119	0.53987	0.658052	0.702903
0.577927	0.570941	0.80204	0.575158	0.471829	0.6031	0.7606	0.755042	0.798267	0.691149
0.581175	0.570941	0.741455	0.61789	0.675919	0.5873	0.492332	0.56026	0.795606	0.484517
0.526853	0.529433	0.606455	0.453471	0.585127	0.639291	0.604805	0.632434	0.570006	0.572839
0.611552	0.602128	0.490096	0.715187	0.505957	0.57522	0.65299	0.652044	0.57958	0.648987
0.682615	0.648794	0.507561	0.571977	0.663967	0.605649	0.671301	0.546561	0.591022	0.637656
0.46216	0.495525	0.529212	0.53845	0.553533	0.508364	0.618533	0.564925	0.606191	0.662591
0.511313	0.479194	0.599059	0.575158	0.3836	0.428366	0.633611	0.700497	0.602774	0.717218
0.645159	0.513881	0.557148	0.536256	0.639148	0.560386	0.580977	0.657813	0.575565	0.727411
0.479866	0.60298	0.513542	0.523318	0.780449	0.632894	0.42877	0.431411	0.477921	0.542606
0.464646	0.558452	0.579931	0.680276	0.684074	0.648595	0.525511	0.637947	0.465959	0.46467
0.556617	0.472198	0.434249	0.726345	0.69766	0.60907	0.654882	0.694136	0.494842	0.522844
0.705874	0.67115	0.542598	0.581589	0.635453	0.60907	0.547891	0.541348	0.609635	0.544107
0.630307	0.71631	0.582277	0.544357	0.495167	0.537948	0.603119	0.569639	0.506955	0.571237
0.577927	0.686376	0.627686	0.700033	0.675919	0.632894	0.592317	0.533281	0.425097	0.632099
0.646105	0.685344	0.63206	0.769069	0.628155	0.658102	0.84582	0.74075	0.663889	0.697521
0.586092	0.61684	0.679383	0.519791	0.60013	0.694164	0.670318	0.480008	0.730444	0.672576
0.457231	0.516667	0.748295	0.583212	0.631788	0.658102	0.527627	0.461757	0.659989	0.576872
0.516198	0.708631	0.638258	0.52616	0.728452	0.599726	0.513026	0.744279	0.704949	0.502575
0.594414	0.680221	0.722642	0.638628	0.741173	0.794798	0.585801	0.567276	0.554505	0.564884
0.607204	0.482411	0.609783	0.554129	0.706237	0.538678	0.456678	0.506511	0.39613	0.430966
0.526135	0.577323	0.454798	0.52902	0.722791	0.532875	0.454881	0.545812	0.327781	0.327386
0.680561	0.756884	0.572203	0.754356	0.58105	0.448063	0.630912	0.734931	0.52507	0.468441
0.601189	0.672149	0.80204	0.766582	0.558128	0.529288	0.669337	0.502431	0.499512	0.615844
0.539255	0.478553	0.540457	0.67422	0.392972	0.448063	0.592317	0.438363	0.498842	0.680733
0.506483	0.604688	0.571438	0.48149	0.58105	0.60907	0.52692	0.537663	0.625481	0.672576
0.406956	0.66916	0.676452	0.58078	0.557358	0.685888	0.666407	0.52679	0.564518	0.653797
0.392467	0.45006	0.567632	0.556416	0.496502	0.451634	0.444831	0.472995	0.511069	0.561743
0.448738	0.507676	0.448415	0.413189	0.470569	0.459472	0.397802	0.487137	0.395074	0.437384
0.489657	0.664224	0.469662	0.426583	0.580239	0.545299	0.561436	0.653	0.442393	0.517864
0.585269	0.559222	0.499064	0.486016	0.608695	0.565792	0.591497	0.545065	0.376489	0.503943
0.654707	0.491549	0.461869	0.486016	0.504593	0.429501	0.402017	0.458075	0.495506	0.535182
0.565173	0.553098	0.506901	0.419835	0.389303	0.527149	0.300912	0.444243	0.620134	0.408399
0.593575	0.520176	0.510209	0.491905	0.429181	0.527861	0.500891	0.481941	0.516615	0.367505
0.46903	0.544072	0.566119	0.482778	0.441954	0.510412	0.419852	0.438948	0.342482	0.320596
0.282547	0.628436	0.532695	0.393842	0.502556	0.523609	0.402547	0.415057	0.459182	0.543356

0.41745	0.578934	0.554935	0.493885	0.447289	0.519398	0.436153	0.474262	0.445344	0.586706
0.548983	0.522295	0.468454	0.413739	0.470569	0.451036	0.443082	0.528224	0.31138	0.416165
0.628485	0.585435	0.516901	0.539184	0.470569	0.463752	0.413825	0.528943	0.440632	0.468441
0.615063	0.538157	0.669688	0.55337	0.531983	0.576811	0.604805	0.52679	0.467203	0.452331
0.681587	0.591205	0.593393	0.514901	0.671899	0.631084	0.593138	0.489101	0.478559	0.509458
0.582808	0.589549	0.780479	0.613509	0.633617	0.740409	0.63542	0.451405	0.624585	0.613193
0.818014	0.892733	0.823359	0.767824	0.827911	0.76552	0.685306	0.567276	0.85982	0.746146
0.889702	0.870075	0.748295	0.669236	0.897714	0.56813	0.588233	0.666613	0.73851	0.61762
0.751646	0.927301	0.838648	0.839304	0.927307	0.650479	0.636327	0.802325	0.609635	0.538136
0.926003	0.645021	0.855964	1.305596	1.118913	0.672766	0.887478	0.852352	0.586901	0.79151
0.789448	0.811177	0.833026	0.88895	1.256083	0.957405	0.675257	0.885391	0.796935	0.576063
0.922412	0.764237	0.585424	0.676229	0.829346	1.170659	0.825697	0.668593	0.622799	0.807749
0.915318	0.632067	0.663029	0.837841	0.722791	1.508228	1.218332	0.960122	0.796935	2.353696
1.592804	1.17842	1.035752	0.974008	1.335971	1.272446	0.942657	1.090479	1.033305	1.256942
0.92781	1.244086	0.867905	0.761651	1.463874	1.083111	0.902302	0.917615	1.122038	0.911623
0.771397	1.144498	0.94018	1.052694	1.127396	0.735786	0.957621	1.072507	0.719175	0.950055
0.933276	0.957085	0.771903	1.220196	1.081376	1.15832	1.127852	1.174044	0.901767	0.979751
0.681587	0.889423	0.872468	0.958303	0.936409	1.238232	0.809161	0.958185	1.208938	0.904673
0.705874	0.697891	0.562358	0.919589	0.91313	0.816396	1.148029	0.831645	0.769855	1.44292
1.090636	1.083697	0.999451	1.327592	1.335971	1.164446	1.221815	1.085268	0.913788	1.223363
1.120622	1.543626	1.113599	0.852703	0.976868	1.24934	0.705064	1.002939	0.91205	0.874705
0.862387	1.073501	0.952874	0.708628	1.212281	1.213368	0.863844	1.05525	1.212387	0.918686
0.883118	0.874832	0.915853	0.708628	0.873178	0.906849	0.805124	1.060111	0.761191	0.886115
0.911814	0.771716	0.763494	0.725217	0.444317	0.903453	0.771621	0.681688	0.951989	1.002895
0.638599	0.882877	0.703572	0.639553	0.455721	0.631988	0.748675	0.844843	0.776151	0.894452
0.862387	0.715204	0.694343	0.852703	0.620977	0.611653	0.909056	0.806395	0.706027	0.746146
1.266885	0.538157	0.691309	0.968052	0.877976	0.900084	0.922888	0.814649	1.04966	0.957778
0.847087	0.842579	1.058615	0.801423	0.839529	1.15832	0.957621	0.85387	0.98353	0.913378
0.723608	0.978814	1.132662	0.678248	0.743526	0.789562	0.859267	0.98407	0.959662	0.775856
0.7565	1.208292	0.902541	0.683336	0.701928	0.780549	0.627339	1.146349	1.094783	0.940591
0.898074	0.918398	1.292363	0.815071	0.92016	0.922467	0.707197	0.914109	0.937037	0.718338
0.961686	0.58136	0.934851	1.033935	0.932745	0.748619	0.763025	1.143378	0.831542	0.700743
0.961686	0.798958	0.874	1.062386	1.416929	0.696258	0.857752	1.149341	0.92081	1.284981
0.85774	0.906232	0.850115	0.858793	0.857559	1.253107	0.782928	0.542089	1.100099	1.241696
0.722479	0.7449	0.867905	0.866529	0.793489	1.24934	0.993304	0.875692	1.142187	1.083392
0.833763	1.049014	1.164418	0.88895	1.138972	1.199774	0.722429	1.19023	1.094783	0.929501
1.055242	1.081125	1.339015	1.176643	0.953289	0.973001	0.842888	0.704789	0.804992	0.750958
0.981714	0.69472	0.991333	0.941287	0.770292	0.810895	0.922888	0.986126	0.927948	0.795513
1.052821	0.774238	0.723727	0.605735	0.854502	0.608212	0.722429	1.250262	0.714748	0.775856
1.523329	0.911404	0.6863	0.760426	0.962959	1.078025	0.955722	0.888672	0.901767	1.115785
0.981714	0.863812	0.86942	0.840773	0.794814	0.991243	1.130678	0.706952	0.888423	1.23427
0.819423	0.83524	1.044753	0.766582	0.639148	1.083111	0.817351	0.600751	0.91032	0.892772
0.806909	1.083697	1.056274	0.732034	1.107853	1.044003	0.71912	0.791657	1.089532	1.088626
0.955853	1.061085	1.014033	0.836382	1.317888	0.80817	0.70934	0.714606	0.698537	0.992222
0.839634	0.820924	0.892817	0.681294	0.859096	0.870882	0.71366	0.751425	0.614853	0.606201
0.603756	0.896069	0.668731	0.650804	1.208822	1.037046	0.793232	1.74532	1.119234	0.750958
0.983769	1.168903	0.793032	0.724091	1.061299	1.164446	1.062599	0.91063	0.66487	0.837716

0.725877	0.684315	0.971678	0.852703	0.62906	0.901766	1.156972	0.581655	0.559868	0.726267
0.85774	0.81394	1.211843	0.892249	0.706237	1.016822	0.708267	0.355179	0.975428	0.736677
0.728158	0.957085	0.995373	0.533347	0.669902	0.677766	0.714746	0.621614	0.885151	0.935011
0.752855	0.682263	0.782961	0.58894	0.474361	0.530719	0.695592	0.67158	0.75753	0.714984
1.007035	0.995329	0.827476	0.602323	0.868433	0.833329	0.578585	0.898669	0.834433	0.796856
0.655674	0.819518	0.710889	0.71299	1.102427	0.816396	0.422619	1.040984	0.847688	0.922261
0.792089	0.570941	0.749445	1.199551	1.028253	0.713384	0.774108	0.798294	0.6708	0.839196
0.782915	0.525136	0.909146	0.950658	0.932745	0.763065	0.979077	0.917615	0.702801	0.611434
0.758948	0.643147	0.93309	0.755563	0.671899	1.014632	0.884251	0.796958	0.761191	0.761986
0.835223	0.721879	0.787967	0.776617	0.641941	0.602254	0.825697	0.601601	0.469701	0.743759
0.819423	0.677177	0.618216	0.826307	0.66103	0.561923	0.798477	0.736089	0.709277	0.781012
0.736235	0.913142	0.7325	0.641408	0.825055	0.636538	0.668358	0.649187	0.813202	0.818923
0.624865	0.764237	0.515554	0.624097	0.820805	0.703668	0.710416	0.838927	0.740843	0.842171
0.940672	0.705381	0.627686	0.609173	0.627251	0.637453	0.734784	0.800977	0.60705	0.681764
0.863947	0.727521	0.633821	0.766582	0.627251	0.697309	0.903981	0.737249	0.628179	0.942468
0.829411	0.595374	0.73029	0.647964	0.619201	0.863107	0.847294	0.615425	0.669806	0.886115
0.790767	0.61159	0.652766	0.767824	0.662007	0.712293	0.733646	1.020428	0.597699	0.618511
0.731601	0.67315	0.695359	0.812307	0.832231	0.684864	0.542004	0.56026	0.762418	0.834771
0.54148	0.508361	0.736955	0.804118	0.577815	0.852451	0.619406	0.497719	0.846195	0.689046
0.579548	0.551581	0.711945	0.808193	0.622761	0.514536	0.669337	0.680666	0.625481	0.490453
0.459073	0.478553	0.504273	0.615256	0.621868	0.443347	0.583382	0.867772	0.613979	0.603608
0.647052	0.842579	0.674509	0.905704	0.728452	0.576015	0.676251	0.627893	0.52936	0.763229
0.918851	0.679204	0.559374	0.855738	0.612169	0.479391	0.788049	0.550323	0.498842	0.695387
0.785516	0.815328	0.711945	0.759205	0.633617	0.451036	0.519918	0.535466	0.470955	0.578496
0.46527	0.628436	0.597433	0.668246	0.755488	0.687942	0.615926	0.598212	0.737349	0.701822
0.650863	0.558452	0.681348	0.66138	0.622761	0.721094	0.652047	0.520394	0.709277	0.672576
0.657613	0.582986	0.73029	0.535527	0.560444	0.544558	0.569926	0.538397	0.629987	0.784919
0.591901	0.645021	0.473307	0.57436	0.641941	0.548275	0.549375	0.741923	0.673796	0.582582
0.556617	0.758101	0.576824	0.635867	0.651381	0.494295	0.630016	0.608458	0.416147	0.630263
0.593575	0.621263	0.537618	0.84969	0.695542	0.397754	0.71366	0.653958	0.455529	0.803632
0.667442	0.623045	0.511539	0.614382	0.923719	0.647655	0.590679	0.670582	0.575565	0.681764
0.539255	0.533773	0.434249	0.65847	0.595071	0.574426	0.718022	0.64073	0.641926	0.85736
0.659561	0.474729	0.502965	0.556416	0.495167	0.474325	0.821504	0.514788	0.456136	0.598468
0.589402	0.621263	0.633821	0.620539	0.609561	0.632894	0.633611	0.680666	0.640068	0.503943
0.572301	0.615083	0.638258	0.700033	0.618316	0.58567	0.553859	0.696246	0.804992	0.604471
0.623965	0.879641	0.848665	0.667259	0.678959	0.685888	0.716928	0.717928	0.609635	0.513641
0.665458	0.688447	0.440991	0.905704	0.780449	0.755782	0.749853	0.729189	0.661935	0.666558
0.577119	0.613333	0.450147	0.725217	0.6729	0.691042	0.517148	0.514788	0.591022	0.682797
0.658586	0.593701	0.533395	0.647964	0.636374	0.580012	0.489085	0.536197	0.469701	0.711656
0.798763	0.525136	0.502312	0.714087	0.562772	0.426671	0.671301	0.631522	0.545463	0.725125
0.627577	0.617721	0.539035	0.764109	0.653293	0.520797	0.548632	0.675595	0.693265	0.496472
0.563605	0.713002	0.539745	0.461381	0.556591	0.530003	0.504228	0.629704	0.699599	0.6414
0.49564	0.598738	0.636478	0.532623	0.728452	0.739249	0.614196	0.669586	0.590195	0.493787
0.688836	0.705381	0.63559	0.66138	0.865299	0.445699	0.512343	0.767322	0.539538	0.490453
0.715761	0.741368	0.542598	0.584025	0.371409	0.508364	0.624678	0.683738	0.644729	0.696453
0.762645	0.6526	0.674509	0.701098	0.614793	0.611653	0.729124	0.645408	0.54621	0.698592
1.015814	0.781894	0.63294	0.745998	0.662007	0.532875	0.739365	0.604159	0.454318	0.735508

1.211311	0.697891	0.524383	0.596417	0.613042	0.572055	0.571487	0.736089	0.696421	0.576063
0.699406	0.657406	0.722642	0.565686	0.641941	0.588118	0.592317	0.580844	0.737349	0.669557
0.638599	0.574121	0.870942	0.620539	0.599283	0.745082	0.557631	0.69099	0.640996	0.602747
0.492306	0.792315	0.606455	0.536256	1.032823	0.693121	0.550865	1.07503	0.764883	0.661605
0.554313	1.073501	0.93309	0.707544	0.961008	0.9278	0.651107	0.711309	0.624585	0.553987
0.553547	0.647848	0.749445	0.636785	0.586769	0.731213	0.499563	0.694136	0.658052	0.635796
0.73045	0.811177	0.624219	0.558715	0.677943	0.523609	0.556118	0.7431	0.436551	0.666558
1.255187	1.003828	0.682334	0.907416	0.921936	0.711206	0.874713	0.791657	0.681887	0.775856
0.992086	0.7449	0.713003	0.757988	0.904498	0.810895	0.71912	0.471732	0.613979	0.802268
0.815211	0.772976	0.87708	0.719616	0.706237	1.0302	0.706129	0.458687	0.581196	0.612313
0.53557	0.982884	0.795587	0.451066	0.779166	0.785676	0.434438	0.741923	0.769855	0.544859
0.681587	1.410218	1.082748	0.756774	1.105131	1.014632	0.759393	0.573608	0.791645	0.887769
0.609808	0.735544	0.912487	0.583212	0.745892	0.659065	0.643654	0.567276	0.595183	0.585052
0.604616	0.742542	0.907485	0.653663	0.737666	0.643918	0.597269	0.900357	0.700664	0.481905
0.871832	0.783183	0.492002	0.744817	0.909656	0.747437	0.675257	0.960122	0.778695	0.55016
0.746846	0.559222	0.809913	0.52902	0.682021	0.656184	0.550865	0.56181	0.590195	0.729709
0.698338	0.587899	0.881742	0.771571	0.638221	0.974991	0.832778	0.706952	0.651339	0.591708
0.862387	0.927301	0.630305	0.54809	0.600979	0.771719	0.494948	0.647294	1.064186	0.874705
0.808282	0.940081	0.917547	0.78689	0.845456	0.84205	0.856243	0.747837	0.896715	1.016059
0.716873	0.770461	0.790492	0.742465	0.767789	0.716671	0.780389	1.052839	1.122038	1.020537
1.075113	0.972779	0.448415	0.545846	0.891034	0.79744	0.512343	0.979985	0.794282	0.719462
0.873427	0.822335	0.474528	0.715187	1.017035	1.034752	1.003759	0.693085	0.745546	0.594231
0.729302	0.854585	1.10307	0.921357	0.645692	0.846477	0.832778	0.438363	0.776151	0.896139
0.798763	0.71631	0.892817	0.549592	0.665937	0.870882	0.746329	0.67863	0.771107	0.63118
0.574703	0.904522	0.784207	0.647021	1.470116	1.256906	0.818731	0.593178	0.68599	0.63302
0.886398	0.866932	0.920953	0.797411	0.808299	1.206518	0.862313	0.583283	0.653247	0.908134
0.922412	0.887777	0.79176	0.790805	0.823633	0.900084	0.794537	1.045688	0.729304	0.481905
1.349336	0.940081	0.599875	0.854218	0.870009	0.69521	0.898964	1.289886	0.763649	0.522844
1.221871	0.892733	0.821996	0.689523	0.789535	0.760624	0.881049	0.661702	0.875478	0.866735
1.018037	0.739029	0.904183	0.845208	0.961008	1.019023	1.136385	0.710216	0.844707	0.784919
0.69198	0.943803	0.764685	0.54734	1.008265	0.758196	0.566819	0.81188	0.975428	1.031939
0.888046	1.317044	0.86942	0.705384	0.793489	0.839124	0.793232	0.831645	0.6708	0.667555
0.944418	0.781894	0.669688	0.589764	0.881204	0.846477	0.758189	0.895311	0.804992	0.657683
1.140841	0.826594	0.523697	0.790805	1.222824	0.831893	0.625563	1.281666	1.035604	0.790184
1.120622	0.710811	0.706693	0.960235	0.955206	1.083111	1.289812	0.922929	0.869147	1.096597
0.823675	0.784476	0.866394	0.950658	0.808299	0.76552	1.012309	0.73958	0.71585	0.940591
0.721352	0.82517	0.799447	0.694746	0.699789	0.562694	0.639975	0.491075	0.869147	0.723987
0.572301	0.918398	0.757585	0.789496	0.882827	0.736938	0.65869	0.410104	0.673796	0.925866
0.701552	0.648794	0.819281	0.569607	0.687171	0.669793	0.62645	0.568062	0.48695	0.618511
0.768879	0.784476	0.66587	0.393842	0.619201	0.632894	0.589862	0.606733	0.477283	0.506692
0.732755	0.544072	0.604801	0.477648	0.616551	0.46069	0.408418	0.52679	0.525782	0.503258
0.588572	0.444698	0.569912	0.59059	0.505274	0.443934	0.425404	0.355661	0.445936	0.384859
0.669435	0.451261	0.47148	0.57277	0.478187	0.489053	0.556118	0.577613	0.435971	0.479308
0.484408	0.563093	0.554935	0.459543	0.436683	0.57048	0.405206	0.417276	0.535147	0.523561
0.486369	0.555385	0.643641	0.585657	0.326709	0.530003	0.62645	0.329437	0.4641	0.581761
0.378958	0.391799	0.490096	0.478925	0.40309	0.437524	0.447763	0.3739	0.511758	0.536657
0.376407	0.42615	0.449569	0.413739	0.54374	0.443347	0.404673	0.476169	0.370966	0.427506

0.402613	0.465934	0.479449	0.378353	0.519831	0.504973	0.398326	0.423439	0.3486	0.43915
0.488339	0.35033	0.327963	0.444519	0.489214	0.4079	0.460296	0.499732	0.369472	0.357611
0.536305	0.412742	0.407756	0.54809	0.478187	0.528574	0.478222	0.329892	0.443571	0.40077
0.53119	0.514576	0.66587	0.604879	0.49185	0.5187	0.346428	0.430264	0.465339	0.526437
0.550499	0.504946	0.556409	0.499212	0.425194	0.454632	0.463945	0.41839	0.378516	0.407301
0.435135	0.579741	0.586214	0.426583	0.517021	0.489705	0.411113	0.309888	0.377501	0.452939
0.440997	0.696831	0.55054	0.431141	0.526222	0.353149	0.349701	0.266906	0.549961	0.549399
0.559709	0.444106	0.382787	0.395422	0.423497	0.349827	0.470715	0.361982	0.381573	0.462797
0.649907	0.414395	0.176567	0.432863	0.426898	0.417184	0.585801	0.466093	0.256302	0.32693
0.431078	0.417721	0.435925	0.27783	0.266075	0.434067	0.487148	0.318665	0.376995	0.402394
0.428777	0.386587	0.406708	0.45589	0.357607	0.402531	0.365475	0.293268	0.355767	0.346029
0.342188	0.386587	0.438732	0.415946	0.516321	0.464367	0.327735	0.221727	0.295157	0.319699
0.337978	0.515272	0.373479	0.314331	0.376954	0.37513	0.332671	0.297469	0.396659	0.405659
0.392996	0.445884	0.376397	0.408271	0.37797	0.309243	0.294251	0.364931	0.367982	0.28566
0.330135	0.356086	0.302534	0.316965	0.402552	0.322354	0.348763	0.384087	0.320612	0.34746
0.337513	0.299145	0.460683	0.442163	0.503913	0.394599	0.494292	0.535466	0.366005	0.421232
0.432812	0.371319	0.384772	0.519089	0.49851	0.380676	0.360634	0.420067	0.380551	0.447491
0.353137	0.354159	0.3284	0.367335	0.337692	0.523609	0.427084	0.34282	0.450107	0.522129
0.284601	0.287858	0.41623	0.39913	0.37191	0.448656	0.462117	0.391363	0.410099	0.374567
0.447538	0.303402	0.392299	0.424322	0.384115	0.426671	0.371355	0.351338	0.531521	0.367005
0.420817	0.43014	0.388269	0.348939	0.534893	0.458864	0.387439	0.257949	0.381573	0.438561
0.329678	0.35224	0.287564	0.415946	0.431475	0.392508	0.529043	0.490416	0.533693	0.499174
0.409693	0.346534	0.263581	0.388098	0.35567	0.411154	0.400959	0.399296	0.438878	0.343181
0.339377	0.368826	0.39893	0.377846	0.258671	0.435217	0.375321	0.353735	0.332322	0.38538
0.287907	0.367832	0.409859	0.326313	0.307268	0.405207	0.478854	0.355661	0.379024	0.488466
0.449339	0.457925	0.447265	0.374817	0.395612	0.385781	0.519918	0.447213	0.535147	0.514342
0.309161	0.474095	0.506901	0.311713	0.309	0.486455	0.393108	0.363454	0.448912	0.560961
0.414109	0.489575	0.410915	0.37886	0.351344	0.45343	0.41875	0.553357	0.409009	0.373044
0.551259	0.477913	0.403061	0.419277	0.587592	0.608212	0.427084	0.558717	0.436551	0.381746
0.413001	0.442336	0.442693	0.389657	0.459386	0.410067	0.324622	0.455638	0.409554	0.40785
0.33427	0.385036	0.391288	0.495875	0.47947	0.296099	0.323737	0.552596	0.397719	0.317018
0.486369	0.592868	0.499712	0.64048	0.517722	0.527861	0.420956	0.576809	0.53442	0.392742
0.638599	0.538892	0.650925	0.542873	0.460614	0.451634	0.559149	0.404126	0.418924	0.584227
0.733912	0.457315	0.769484	0.843725	0.754277	0.734639	0.65869	0.581655	0.576365	0.773301
0.832307	0.896069	1.0979	0.868092	1.208822	0.997498	0.756988	0.82165	0.815974	1.080799
1.232695	1.922649	1.280464	1.213205	1.428198	0.827611	0.991243	1.281666	0.961602	0.795513
0.145533	0.072767	0.642986	1.516878	1.172494	1.186592	0.985117	0.973359	3.164557	1.096597
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0	0.293708	1.878628	1.157926	2.076981	0	0	0	0	0
0.587416	2.77856	0.708786	0.93576	0.87416	0.864059	0.318512	0.159256	0.39814	3.013748
0.583626	0.591205	0.781718	0.737798	0.894361	0.853958	0.897304	0.637024	0.706027	0.799554
0.412448	0.46718	0.577598	0.530458	0.412898	0.529288	0.559149	0.491075	0.499512	0.503943
0.442179	0.503587	0.463655	0.468189	0.488558	0.447471	0.494292	0.498389	0.411193	0.340822
0.381009	0.302974	0.474528	0.273028	0.349912	0.275303	0.414369	0.381517	0.410646	0.362035
0.304395	0.394956	0.394329	0.324069	0.385148	0.437524	0.396754	0.232861	0.364036	0.32693
0.727016	0.398136	0.563859	0.645142	0.92016	0.688973	0.527627	0.591514	0.584447	0.552452
0.383587	0.562316	0.529212	0.293815	0.50664	0.6031	0.527627	0.410651	0.543975	0.604471
0.188918	0.346062	0.281639	0.346575	0.361995	0.393552	0.587421	0.642595	0.616606	0.726267
0.395114	0.494195	0.367701	0.432288	0.336766	0.431778	0.542736	0.586556	0.387234	0.402936
0.197557	1.841691	0.80204	0.54734	0.366429	0.307096	0.391554	0.406833	0.366993	0.282768
0	0	0	0	0.153548	1.109472	0.63906	0.44247	0.473475	0.325111
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80	81	82	83	84	85	86	87	88	89
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0.46203	0.231015	0.115507	0	0	0	0	0	0	0
1.093981	0.96913	0.926924	1.476053	0.386485	0.193243	0.421049	1.331484	0.867619	0.327645
0.695461	0.616109	0.688465	1.154476	0.77297	1.073064	1.215127	0.648856	0.65529	1.506015
0.78581	1.0356	0.773541	0.695921	0.765171	0.979429	0.779533	0.818869	0.93318	0.950304
0.774076	0.792006	0.845802	0.791286	0.719945	0.789455	0.511796	0.858594	0.962054	0.726932
0.789792	0.822116	0.589141	0.587665	0.66752	0.679839	0.431839	0.688647	0.720896	0.539745
0.50206	0.628634	0.63502	0.440961	0.361437	0.546834	0.630949	0.597797	0.638906	0.794842
0.627082	0.654825	0.604786	0.580033	0.579364	0.631144	0.598394	0.603753	0.574834	0.461705
0.823041	0.54098	0.589996	0.598932	0.70511	0.594078	0.563262	0.567601	0.578933	0.378021
0.728916	0.868435	0.624706	0.429518	0.618903	0.589869	0.516099	0.499853	0.779509	0.755812
0.814487	0.730465	0.691696	0.478547	0.798634	0.622028	0.347394	0.481367	0.669262	0.619223
0.945282	0.770089	0.530906	0.433699	0.650373	0.637641	0.421282	0.662372	0.913163	0.692263
0.617111	0.488629	0.572394	0.593696	0.448404	0.628389	0.586365	0.600339	0.765361	0.911226
0.544648	0.650031	0.525711	0.503189	0.598245	0.594925	0.485487	0.572357	0.624947	0.535979
0.510391	0.516463	0.391056	0.55951	0.800028	0.342449	0.453757	0.778612	0.803702	0.482419
0.61	0.618762	0.521307	0.598055	0.530938	0.753816	0.575486	0.549081	0.747997	0.81008
0.463908	0.559933	0.555478	0.429518	0.43135	0.642343	0.688072	0.433088	0.477304	0.765882
0.432337	0.529992	0.615538	0.538384	0.658358	0.709699	0.58383	0.517052	0.607006	0.619223
0.50206	0.53876	0.737247	0.643263	0.461649	0.534123	0.552156	0.602043	0.510482	0.668219
0.500003	0.390201	0.349797	0.472599	0.617984	0.739394	0.489536	0.527708	0.529174	0.635892
0.419641	0.525674	0.434851	0.475233	0.729332	0.709699	0.437818	0.867938	0.718618	0.519062
0.373807	0.644347	0.553901	0.501783	0.539281	0.710805	0.7203	0.669291	0.621299	0.70425
0.482565	0.52927	0.497854	0.570061	0.39802	0.554488	0.63662	0.591921	0.468272	0.592789
0.357239	0.546955	0.623781	0.397997	0.417246	0.693448	0.590623	0.382893	0.576469	0.70425
0.467703	0.611721	0.713875	0.669311	0.533953	0.380048	0.623501	0.597797	0.728967	0.84226
0.497955	0.431413	0.447603	0.468679	0.632925	0.344825	0.522636	0.53496	0.462563	0.578495
0.411751	0.499954	0.465853	0.342545	0.66139	0.526817	0.49775	0.384958	0.535091	0.457303

0.637287	0.623222	0.663446	0.533825	0.798634	0.578296	0.673331	0.739425	0.671295	0.571113
0.490526	0.362285	0.498546	0.475894	0.303452	0.346256	0.421862	0.456862	0.563557	0.64737
0.451492	0.396006	0.491671	0.52559	0.477298	0.448167	0.470304	0.580402	0.444663	0.381161
0.152191	0.444283	0.504126	0.521898	0.448404	0.422921	0.482141	0.348721	0.416566	0.31011
0.43351	0.660649	0.682074	0.716143	0.550136	0.445155	0.393234	0.488536	0.566749	0.473885
0.354293	0.435467	0.41841	0.413758	0.477963	0.407236	0.446942	0.459927	0.459424	0.43356
0.322236	0.496592	0.403681	0.283923	0.382801	0.582393	0.541327	0.367704	0.445874	0.514755
0.511795	0.815088	0.539197	0.513163	0.738927	0.527542	0.60987	0.522702	0.557242	0.449243
0.523193	0.515762	0.480893	0.58938	0.556464	0.394229	0.387836	0.537895	0.330469	0.354185
0.53268	0.252915	0.300547	0.417211	0.369649	0.241801	0.294533	0.440084	0.376526	0.340104
0.440614	0.288748	0.384079	0.345474	0.389801	0.408338	0.408717	0.419424	0.250838	0.368737
0.61	0.424551	0.454436	0.485253	0.520546	0.336331	0.36434	0.583662	0.379118	0.297369
0.407306	0.370223	0.395406	0.421275	0.327227	0.392099	0.264843	0.348245	0.380159	0.423024
0.284812	0.390201	0.377212	0.335786	0.271303	0.37491	0.384096	0.318373	0.406482	0.45109
0.417372	0.623222	0.522038	0.621456	0.477298	0.440973	0.463226	0.444812	0.536583	0.493839
0.394775	0.530716	0.333857	0.417789	0.448404	0.299611	0.416671	0.425633	0.349474	0.34154
0.558519	0.411143	0.350289	0.383323	0.483989	0.351548	0.426528	0.407811	0.279223	0.296936
0.470251	0.338376	0.425966	0.444638	0.373292	0.352517	0.394867	0.485262	0.506978	0.362656
0.431167	0.416122	0.45884	0.380128	0.343995	0.247857	0.329675	0.454425	0.405375	0.378543
0.392098	0.369722	0.448838	0.466085	0.449648	0.456098	0.480145	0.388598	0.299088	0.360648
0.476689	0.446068	0.574865	0.393598	0.323018	0.509071	0.474869	0.3166	0.413741	0.528542
0.401268	0.382408	0.535409	0.505307	0.474651	0.509071	0.47882	0.453818	0.437467	0.485747
0.418505	0.477591	0.41155	0.497591	0.394165	0.54381	0.362818	0.338367	0.440451	0.391254
0.493213	0.44786	0.287565	0.500381	0.422482	0.397983	0.408155	0.333282	0.355341	0.421869
0.479944	0.463712	0.372003	0.530063	0.522015	0.514671	0.446942	0.43251	0.465091	0.339627
0.406202	0.423418	0.317111	0.426556	0.410932	0.485385	0.421862	0.3965	0.356327	0.357156
0.423641	0.419474	0.418986	0.40637	0.386018	0.403948	0.41897	0.316158	0.258648	0.462971
0.434686	0.35449	0.445145	0.483231	0.475972	0.421213	0.429471	0.359327	0.39178	0.456053
0.390499	0.284617	0.432464	0.398551	0.471364	0.399602	0.367912	0.385476	0.470833	0.405458
0.373295	0.316598	0.338147	0.386003	0.359914	0.431562	0.266869	0.469256	0.495952	0.432376
0.564035	0.438972	0.326334	0.39087	0.458459	0.543057	0.397602	0.417188	0.410935	0.357156
0.394775	0.40189	0.434253	0.317955	0.413791	0.388396	0.3674	0.373212	0.324467	0.373354
0.279014	0.293337	0.268384	0.421275	0.411503	0.279064	0.350337	0.410548	0.344644	0.426508
0.437047	0.336055	0.384079	0.572533	0.424241	0.320727	0.440232	0.434246	0.364294	0.474535
0.363191	0.442506	0.446987	0.435503	0.354876	0.41166	0.426528	0.386514	0.381203	0.386444
0.307492	0.296283	0.484904	0.380128	0.303898	0.375933	0.421282	0.3965	0.464458	0.472586
0.325429	0.295439	0.377212	0.369128	0.403587	0.344825	0.301513	0.434826	0.378079	0.374905
0.307053	0.296705	0.386214	0.37643	0.379078	0.377985	0.40368	0.388076	0.456929	0.451707
0.289002	0.322389	0.377212	0.358904	0.400238	0.296189	0.343017	0.324635	0.339867	0.390717
0.260885	0.289578	0.247676	0.348423	0.33673	0.365314	0.392149	0.279729	0.327226	0.318211
0.427677	0.365245	0.261505	0.378011	0.366552	0.38368	0.380916	0.444218	0.369349	0.309665
0.3667	0.307837	0.407598	0.374855	0.32395	0.306973	0.355286	0.33099	0.32218	0.402139
0.386793	0.281341	0.368907	0.236453	0.351385	0.302627	0.310849	0.306976	0.260227	0.363664
0.303992	0.330081	0.33719	0.269705	0.380139	0.331221	0.379335	0.356408	0.369858	0.413869
0.41231	0.289994	0.308526	0.262362	0.354876	0.25015	0.347394	0.322388	0.310925	0.365686
0.441809	0.292499	0.282058	0.361438	0.29508	0.310481	0.286387	0.275685	0.209523	0.359148
0.398009	0.322838	0.317111	0.430708	0.399682	0.421781	0.250531	0.342573	0.344644	0.417851

0.40786	0.338376	0.403125	0.437314	0.329583	0.272157	0.351322	0.3965	0.302998	0.469358
0.413991	0.374246	0.40816	0.384929	0.401351	0.3744	0.360797	0.359327	0.368841	0.420717
0.45027	0.415566	0.350782	0.366549	0.433745	0.523209	0.436615	0.357865	0.429219	0.357653
0.422494	0.410593	0.343933	0.359916	0.330056	0.315796	0.28216	0.27128	0.370367	0.374905
0.474747	0.465578	0.379313	0.423028	0.357892	0.359854	0.275896	0.360793	0.442251	0.373871
0.446019	0.471227	0.393225	0.459666	0.439184	0.412216	0.386764	0.394908	0.453212	0.41728
0.493213	0.430837	0.328203	0.447107	0.401351	0.223763	0.374106	0.414963	0.414305	0.362656
0.552299	0.375258	0.39486	0.455229	0.402468	0.351548	0.428292	0.431356	0.428053	0.385382
0.479291	0.430837	0.486249	0.350895	0.394165	0.527542	0.485487	0.413302	0.462563	0.456677
0.515325	0.456324	0.4213	0.417211	0.475311	0.456714	0.51037	0.340699	0.416566	0.357653
0.430584	0.470596	0.413255	0.362965	0.388716	0.42982	0.381445	0.272876	0.432146	0.449243
0.410636	0.617876	0.604786	0.38708	0.472019	0.461675	0.425357	0.336511	0.569965	0.554363
0.465169	0.528548	0.551546	0.549994	0.615239	0.613983	0.612562	0.529871	0.606128	0.652244
0.54999	0.478233	0.463929	0.511724	0.53471	0.439785	0.542091	0.376245	0.399886	0.474535
0.453947	0.511582	0.553901	0.574188	0.562077	0.526817	0.416098	0.123434	0.406482	0.426508
0.601273	0.549217	0.575692	0.497591	0.516167	0.577481	0.494309	0.407811	0.412617	0.44375
0.466434	0.489287	0.451939	0.4325	0.345463	0.485385	0.40928	0.384441	0.448306	0.549693
0.45088	0.469336	0.450075	0.330076	0.337691	0.382639	0.402014	0.407265	0.543361	0.551244
0.59612	0.606514	0.499934	0.479213	0.485339	0.467324	0.459414	0.464878	0.561969	0.49248
0.704134	0.551491	0.526449	0.775181	0.604429	0.511162	0.552156	0.567601	0.449528	0.461073
0.557737	0.600517	0.589996	0.694825	0.533953	0.48869	0.52631	0.616799	0.463194	0.49452
0.513909	0.502662	0.694952	0.669311	0.494913	0.639516	0.658072	0.507337	0.523337	0.483747
0.571231	0.42116	0.524238	0.546089	0.418404	0.568615	0.516821	0.409451	0.442853	0.422446
0.458899	0.398136	0.516225	0.580875	0.540047	0.54988	0.487507	0.383408	0.511892	0.475839
0.461396	0.609979	0.683133	0.576684	0.635785	0.577481	0.56811	0.504601	0.546407	0.39994
0.461396	0.577325	0.597763	0.56924	0.571046	0.54988	0.516099	0.549081	0.485862	0.459813
0.551528	0.478233	0.563451	0.570061	0.567763	0.515376	0.549034	0.591088	0.491214	0.491802
0.591871	0.349688	0.572394	0.560313	0.466156	0.588196	0.577972	0.464878	0.529909	0.654209
0.617111	0.560708	0.586587	0.548428	0.587845	0.639516	0.621658	0.614158	0.571582	0.615604
0.570426	0.540238	0.545328	0.501783	0.475311	0.532652	0.47356	0.479432	0.634203	0.546608
0.553846	0.570919	0.596893	0.512443	0.481971	0.489354	0.549812	0.409451	0.539582	0.586004
0.564035	0.736241	0.88616	0.57585	0.576852	0.680871	0.828463	0.577973	0.692168	0.684803
0.743054	0.761377	0.650473	0.645213	0.728148	0.417817	0.530016	0.555167	0.524789	0.483747
0.653546	0.607378	0.526449	0.591964	0.645455	0.461052	0.458782	0.497164	0.504889	0.523412
0.596974	0.637808	0.65741	0.625171	0.571046	0.619329	0.61891	0.552113	0.439852	0.673334
0.584327	0.687868	0.65841	0.658099	0.671655	0.575045	0.499828	0.630249	0.433913	0.454807
0.551528	0.463091	0.637876	0.58938	0.452147	0.625651	0.565679	0.610662	0.523337	0.568681
0.517457	0.445472	0.627495	0.51029	0.401351	0.600898	0.537524	0.533499	0.704091	0.627477
0.718606	0.72138	0.686324	0.521898	0.53169	0.732359	0.726106	0.640384	0.752888	0.825872
0.659433	0.758919	0.55233	0.545312	0.589561	0.527542	0.644299	0.731304	0.580584	0.504171
0.588502	0.629543	0.557061	0.610499	0.659366	0.513967	0.58383	0.696002	0.636078	0.54584
0.604743	0.566964	0.596893	0.662143	0.623527	0.548354	0.564872	0.620345	0.527707	0.621044
0.561662	0.503342	0.515504	0.491378	0.647416	0.550644	0.495682	0.591088	0.516149	0.581816
0.585159	0.444283	0.532402	0.542219	0.485339	0.496053	0.633775	0.566814	0.602634	0.620132
0.50969	0.419474	0.548426	0.509575	0.46229	0.625651	0.576313	0.537895	0.627703	0.532989
0.604743	0.576519	0.596025	0.637468	0.576852	0.574236	0.544393	0.633907	0.458799	0.421869
0.576912	0.715797	0.476919	0.576684	0.662406	0.530455	0.51037	0.594429	0.513306	0.426508

0.518884	0.560708	0.579016	0.702558	0.579364	0.513264	0.631889	0.572357	0.493238	0.581816
0.513909	0.501306	0.587437	0.713849	0.550136	0.401769	0.684871	0.567601	0.477304	0.594502
0.46265	0.464333	0.55233	0.457125	0.488053	0.392099	0.494995	0.564459	0.506281	0.54892
0.520316	0.488629	0.471025	0.51533	0.439793	0.443956	0.419547	0.47495	0.524062	0.66417
0.513203	0.51089	0.631241	0.625171	0.560465	0.523209	0.551373	0.604611	0.607006	0.679552
0.495239	0.502662	0.482226	0.687227	0.708489	0.649972	0.605421	0.559788	0.593168	0.517621
0.480597	0.586289	0.437251	0.427147	0.612511	0.530455	0.506828	0.478789	0.490541	0.473235
0.584327	0.611721	0.421881	0.501082	0.519813	0.485385	0.59406	0.505967	0.416566	0.562259
0.523916	0.597972	0.564257	0.513884	0.625391	0.641398	0.498442	0.511474	0.455066	0.381686
0.529739	0.476311	0.506943	0.368611	0.443463	0.548354	0.488859	0.480721	0.361789	0.385382
0.502749	0.438386	0.471025	0.475894	0.416669	0.473688	0.531507	0.440673	0.48853	0.590232
0.628	0.580563	0.527189	0.57585	0.522015	0.546834	0.596655	0.566814	0.555677	0.578495
0.607364	0.641532	0.493722	0.468679	0.512552	0.497405	0.469656	0.541592	0.547172	0.49863
0.578549	0.646233	0.45569	0.372764	0.527943	0.631144	0.469009	0.566814	0.529174	0.496571
0.508991	0.62592	0.469727	0.45586	0.488053	0.44696	0.58131	0.649808	0.550246	0.680597
0.696536	0.77898	0.630302	0.641323	0.646434	0.409443	0.513942	0.631161	0.646539	0.545074
0.592718	0.592091	0.559447	0.604232	0.547787	0.43801	0.553725	0.462395	0.440451	0.560668
0.478639	0.467453	0.699331	0.682944	0.516167	0.492691	0.588915	0.497835	0.434503	0.74597
0.538623	0.574912	0.719601	0.709297	0.538516	0.5857	0.640442	0.596952	0.590622	0.708693
0.54999	0.641532	0.577351	0.488646	0.466156	0.54381	0.461952	0.578781	0.706295	0.497256
0.602138	0.636882	0.562647	0.54921	0.669582	0.622931	0.455008	0.613282	0.714096	0.629333
0.701949	0.464955	0.483563	0.717295	0.49978	0.412773	0.666143	0.543079	0.437467	0.523412
0.685908	0.498606	0.566682	0.547647	0.5439	0.43742	0.578804	0.533499	0.517577	0.468073
0.556956	0.473762	0.538436	0.478547	0.508253	0.469224	0.617087	0.573155	0.543361	0.564656
0.586828	0.485353	0.584893	0.527076	0.617984	0.61754	0.647214	0.56134	0.466997	0.703147
0.556176	0.65579	0.63502	0.580875	0.749981	0.70204	0.68275	0.558242	0.563557	0.57602
0.576912	0.638736	0.510489	0.488646	0.648399	0.71975	0.524837	0.573954	0.640802	0.471939
0.599548	0.674549	0.497163	0.605122	0.716476	0.552178	0.571373	0.739425	0.620392	0.562259
0.584327	0.704841	0.649491	0.794029	0.842522	0.67881	0.71004	0.739425	0.65333	0.627477
0.546168	0.650031	0.668541	0.664179	0.748739	0.652868	0.561658	0.544572	0.554119	0.696584
0.625252	0.487972	0.643644	0.684011	0.633877	0.48869	0.599266	0.562118	0.445268	0.723453
0.691189	0.554542	0.602139	0.815174	0.745033	0.649972	0.757619	0.698126	0.531383	0.877017
0.654522	0.588766	0.430682	0.560313	0.73052	0.734692	0.589768	0.756136	0.762838	0.699853
0.718606	0.695212	0.543787	0.558709	0.697327	0.861427	0.596655	0.520575	0.611422	0.708693
0.947194	0.749226	0.621936	0.840454	0.743805	0.513264	0.680639	0.639453	0.589776	0.628404
0.780556	0.790686	0.668541	0.645213	0.731711	0.646141	0.628141	0.59949	0.686855	0.591083
0.590183	0.605652	0.686324	0.628918	0.658358	0.604349	0.64819	0.515651	0.541089	0.560668
0.489857	0.495923	0.698232	0.674504	0.50541	0.576667	0.549812	0.542335	0.486528	0.658166
0.495916	0.543957	0.567493	0.579193	0.472019	0.596623	0.622579	0.667303	0.657258	0.677469
0.728916	0.636882	0.662434	0.479213	0.506829	0.616648	0.703332	0.651717	0.630477	0.597949
0.675533	0.642468	0.654423	0.672419	0.748739	0.718622	0.689145	0.612407	0.711853	0.621044
0.735928	0.700535	0.58574	0.832865	0.833382	0.662663	0.712299	0.678352	0.576469	0.527806
0.644862	0.725899	0.492354	0.552353	0.646434	0.54381	0.508241	0.613282	0.581411	0.519784
0.595267	0.612595	0.530906	0.542991	0.598245	0.360347	0.518992	0.579591	0.529909	0.61291
0.613541	0.412244	0.610129	0.682944	0.670617	0.456714	0.722613	0.463635	0.389112	0.725769
0.672468	0.598819	0.665477	0.651113	0.708489	0.5356	0.608085	0.48331	0.444059	0.616506
0.670437	0.613471	0.614632	0.535339	0.676879	0.661674	0.506123	0.560563	0.613201	0.618315

0.569622	0.572512	0.311219	0.464793	0.721107	0.604349	0.536767	0.690736	0.66623	0.635892
0.569622	0.618762	0.456947	0.457759	0.746265	0.620227	0.51251	0.683469	0.770453	0.581816
0.531943	0.587113	0.433059	0.45586	0.549352	0.527542	0.578804	0.54532	0.715222	0.56949
0.657462	0.514364	0.452562	0.433099	0.55886	0.449985	0.71004	0.663354	0.622208	0.562259
0.594415	0.436632	0.576521	0.652104	0.723441	0.624742	0.829946	0.7477	0.678487	0.849919
0.584327	0.490606	0.587437	0.606907	0.850288	0.735863	0.490895	0.573155	0.568354	0.715443
0.617111	0.517164	0.645584	0.536098	0.687521	0.650935	0.344957	0.475588	0.72204	0.616506
0.680689	0.493256	0.44027	0.686152	0.66752	0.58075	0.422442	0.495157	0.555677	0.403243
0.776656	0.752836	0.620098	0.588522	0.476635	0.572623	0.582148	0.523414	0.571582	0.504171
0.568018	0.616109	0.550764	0.539914	0.49147	0.582393	0.588915	0.468	0.544881	0.591935
0.516745	0.506071	0.42714	0.634599	0.586136	0.5857	0.649168	0.431933	0.486528	0.682695
0.560874	0.670532	0.659413	0.630803	0.637702	0.762455	0.712299	0.661393	0.628626	0.627477
0.638227	0.790686	0.709348	0.390327	0.585283	0.804297	0.56006	0.602043	0.679524	0.542782
0.708535	0.781554	0.666496	0.443409	0.658358	0.724293	0.605421	0.563677	0.639853	0.540502
0.766426	0.642468	0.632183	0.701444	0.812776	0.652868	0.602772	0.579591	0.640802	0.553581
0.662407	0.704841	0.596025	0.591101	0.637702	0.622028	0.531507	0.533499	0.654309	0.532245
0.709643	0.651942	0.536164	0.687227	0.601768	0.489354	0.634721	0.660415	0.552565	0.571113
0.603005	0.513667	0.579016	0.739775	0.633877	0.480147	0.767794	0.529871	0.480576	0.700948
0.554621	0.653862	0.85673	0.820991	0.776923	0.623836	0.59406	0.624819	0.554119	0.477803
0.581842	0.545453	0.869564	0.621456	0.582737	0.670661	0.441444	0.463015	0.517577	0.516186
0.580192	0.677587	0.764499	0.618691	0.52869	0.552178	0.536012	0.532044	0.590622	0.441331
0.746662	0.785444	0.590852	0.7496	0.73052	0.662663	0.675406	0.834617	0.642706	0.5007
0.689069	0.697334	0.578182	0.676599	0.717629	0.748956	0.708915	0.660415	0.775604	0.633069
0.712983	0.60911	0.571573	0.672419	0.633877	0.58075	0.802612	0.692834	0.612311	0.659161
0.852836	0.566964	0.697136	0.787203	0.66752	0.505607	0.673331	0.677336	0.611422	0.860873
0.815901	0.73508	0.767063	0.809434	0.738927	0.493361	0.56811	0.688647	0.760329	0.662159
0.631691	0.676572	0.817458	0.606013	0.656347	0.679839	0.491575	0.526272	0.701899	0.513329
0.728916	0.564607	0.683133	0.617773	0.691852	0.705306	0.674367	0.696002	0.705192	0.431786
0.603873	0.542466	0.651457	0.68508	0.797245	0.846047	0.962635	0.828824	0.82786	0.524141
0.53713	0.466827	0.487598	0.527821	0.665467	0.704214	0.893815	0.673295	0.642706	0.497943
0.668416	0.446665	0.547649	0.7496	0.701757	0.573429	0.86713	0.692834	0.558812	0.543544
0.732408	0.586289	0.763222	0.823929	0.665467	0.624742	0.787539	0.701332	0.799575	0.778807
0.588502	0.725899	0.867939	0.624239	0.643504	0.665645	0.431246	0.612407	0.730132	0.580152
0.589342	0.923858	0.773541	0.56516	0.590422	0.766211	0.538282	0.576361	0.59402	0.536729
0.709643	0.670532	0.557061	0.723099	0.699537	0.564645	0.542091	0.484611	0.529174	0.451707
0.581016	0.565391	0.437853	0.629859	0.55886	0.666644	0.61891	0.512862	0.67642	0.618315
0.531207	0.571715	0.462651	0.53307	0.46229	0.524649	0.612562	0.602043	0.576469	0.506968
0.487191	0.535818	0.620098	0.699227	0.544675	0.443956	0.673331	0.531318	0.487861	0.524141
0.67862	0.617876	0.701537	0.760925	0.666492	0.606956	0.675406	0.594429	0.576469	0.66417
0.593566	0.473762	0.634072	0.544537	0.567763	0.613098	0.451267	0.469885	0.614988	0.567873
0.613541	0.478875	0.638832	0.615031	0.70511	0.725436	0.545935	0.526989	0.524789	0.474535
0.746662	0.581376	0.667517	0.637468	0.547007	0.592389	0.658072	0.528427	0.408146	0.278724
0.749084	0.634115	0.710475	0.563538	0.503996	0.600898	0.613464	0.602043	0.597445	0.504171
0.692253	0.618762	0.671627	0.64717	0.504702	0.552178	0.654092	0.592755	0.622208	0.378021
0.547693	0.548462	0.629364	0.497591	0.449648	0.456714	0.63567	0.576361	0.520447	0.598815
0.538623	0.502662	0.506943	0.503894	0.554873	0.495378	0.499828	0.532044	0.504889	0.660158
0.531943	0.531441	0.561845	0.565973	0.478628	0.557588	0.418394	0.508712	0.617681	0.56949

0.658446	0.586289	0.463929	0.587665	0.567763	0.5857	0.519718	0.620345	0.659236	0.58265
0.860615	0.705925	0.501327	0.54921	0.6886	0.686067	0.689145	0.612407	0.660228	0.738733
0.667408	0.733921	0.679964	0.594564	0.618903	0.58075	0.606307	0.637597	0.65333	0.620132
0.605615	0.656758	0.742077	0.660116	0.614328	0.471131	0.601016	0.550595	0.493238	0.686921
0.626166	0.649078	0.79085	0.645213	0.626325	0.569414	0.608085	0.512167	0.503502	0.803087
0.647738	0.626823	0.688465	0.485253	0.749981	0.648052	0.441444	0.583662	0.615884	0.742336
0.594415	0.539498	0.627495	0.460304	0.663424	0.751379	0.542857	0.618569	0.659236	0.712055
0.70304	0.644347	0.580687	0.6652	0.874456	0.557588	0.652116	0.619456	0.624032	0.623789
0.50969	0.673542	0.651457	0.67138	0.741359	0.649011	0.601016	0.646014	0.623119	0.562259
0.567219	0.537286	0.549983	0.645213	0.562884	0.606956	0.529272	0.468	0.535836	0.482419
0.513909	0.428541	0.589141	0.548428	0.524969	0.44276	0.630949	0.404549	0.436872	0.496571
0.576096	0.421723	0.599508	0.524849	0.594751	0.561494	0.795696	0.548326	0.41941	0.567873
0.576096	0.599667	0.608341	0.45586	0.52128	0.629305	0.544393	0.638524	0.660228	0.553581
0.655499	0.683726	0.510489	0.496897	0.50048	0.594078	0.541327	0.491834	0.716351	0.57602
0.704134	0.521398	0.428907	0.6652	0.66139	0.578296	0.640442	0.484611	0.734825	0.610232
0.572847	0.685792	0.607449	0.444023	0.696227	0.718622	0.631889	0.700261	0.9445	0.793483
0.616216	0.515762	0.576521	0.497591	0.60532	0.515376	0.539801	0.571561	0.637019	0.712055
0.724304	0.475034	0.711605	0.52043	0.535469	0.523928	0.712299	0.608925	0.557242	0.789431
0.60912	0.539498	0.645584	0.417789	0.601768	0.618434	0.780857	0.702406	0.66623	0.730439
0.633548	0.607378	0.610129	0.55552	0.631976	0.659701	0.575486	0.608925	0.67642	0.535229
0.715223	0.727036	0.524974	0.575018	0.637702	0.542305	0.554512	0.467374	0.622208	0.591935
0.840672	0.719138	0.520578	0.714995	0.743805	0.41055	0.543625	0.560563	0.50143	0.471939
0.523916	0.628634	0.560245	0.580875	0.656347	0.496053	0.361301	0.506651	0.614988	0.351234
0.491196	0.556844	0.63502	0.544537	0.453402	0.485385	0.469009	0.462395	0.485862	0.444965
0.640112	0.636882	0.835143	0.666224	0.629142	0.592389	0.588915	0.569181	0.522612	0.552801
0.741858	0.728176	0.780117	0.757117	0.748739	0.705306	0.499135	0.559788	0.580584	0.54892
0.621615	0.751629	0.662434	0.560313	0.607107	0.693448	0.478159	0.602897	0.650407	0.489101
0.766426	0.678604	0.572394	0.684011	0.656347	0.561494	0.575486	0.574755	0.603505	0.611123
0.621615	0.677587	0.49099	0.728981	0.820024	0.632066	0.761407	0.576361	0.561969	0.825872
0.497274	0.453889	0.43906	0.541449	0.552498	0.613983	0.802612	0.560563	0.697547	0.836229
0.70523	0.584645	0.518396	0.414332	0.527198	0.545319	0.713433	0.466124	0.599168	0.750863
0.680689	0.593763	0.690617	0.32631	0.613419	0.663655	0.601016	0.580402	0.638906	0.687984
0.507596	0.497262	0.590852	0.447107	0.674782	0.704214	0.59148	0.687607	0.782131	0.685861
0.500687	0.639666	0.586587	0.4349	0.630085	0.713024	0.506123	0.666313	0.698631	0.517621
0.806099	0.694155	0.593431	0.631749	0.671655	0.532652	0.624425	0.683469	0.56515	0.592789
0.800595	0.763848	0.740864	0.684011	0.751227	0.681905	0.64624	0.603753	0.56515	0.642551
0.643908	0.570919	0.567493	0.466085	0.560465	0.659701	0.593198	0.580402	0.563557	0.581816
0.745456	0.326444	0.561044	0.494819	0.553288	0.604349	0.62074	0.536425	0.541089	0.527806
0.891517	0.616991	0.808878	0.74836	0.570223	0.591547	0.634721	0.476226	0.638906	0.646402
0.639168	0.657727	0.712739	0.594564	0.594751	0.70204	0.557674	0.553638	0.715222	0.54892
0.597831	0.605652	0.541486	0.577519	0.79448	0.751379	0.582988	0.579591	0.671295	0.486416
0.783175	0.693101	0.519849	0.726619	0.821488	0.692386	0.761407	0.591921	0.576469	0.516903
0.679653	0.801362	0.759415	0.590239	0.66752	0.658718	0.706673	0.604611	0.677452	0.672306
0.656479	0.532168	0.574865	0.58938	0.550922	0.447563	0.694547	0.626622	0.716351	0.762078
0.651601	0.587113	0.720756	0.659107	0.640593	0.588196	0.868751	0.734766	0.637962	0.705357
0.709643	0.694155	0.691696	0.719607	0.842522	0.686067	0.731992	0.633907	0.542602	0.631197
0.503438	0.542466	0.581525	0.561117	0.742581	0.717497	0.511796	0.554402	0.634203	0.452944

0.61	0.557614	0.515504	0.695921	0.718785	0.65676	0.538282	0.555167	0.699718	0.54584
0.86535	0.739744	0.681018	0.67555	0.637702	0.624742	0.588915	0.613282	0.832266	0.780121
0.622521	0.563825	0.553115	0.503189	0.459732	0.613098	0.587213	0.559788	0.569965	0.716578
0.745456	0.501984	0.539958	0.512443	0.488734	0.645188	0.811059	0.626622	0.470191	0.70425
0.870138	0.605652	0.501327	0.477882	0.662406	0.835596	0.929656	0.723333	0.590622	0.84226
0.725452	0.819291	0.546874	0.594564	0.669582	0.741765	0.713433	0.59949	0.762838	0.762078
0.800595	0.843913	0.688465	0.604232	0.645455	0.670661	0.687003	0.677336	0.783449	0.653226
0.926611	0.587939	0.571573	0.730167	0.6886	0.699876	0.722613	0.596952	0.677452	0.640638
0.79923	0.826389	0.610129	0.511007	0.648399	0.758732	0.698917	0.585301	0.656273	0.667203
0.803338	0.820702	0.656412	0.471289	0.438577	0.540059	0.556881	0.639453	0.643661	0.667203
0.78449	0.595442	0.769643	0.68188	0.55806	0.627474	0.762677	0.616799	0.486528	0.812909
0.694389	0.669534	0.736048	0.913662	0.761324	0.85521	0.914963	0.765982	0.590622	0.598815
0.62434	0.740918	0.688465	0.806592	0.845612	0.869327	0.61891	0.663354	0.770453	0.58769
0.947194	1.069313	0.827686	0.97591	0.896547	0.782873	0.554512	0.634827	0.72549	0.684803
1.196543	1.111347	0.699331	0.813732	1.034989	0.967274	0.708915	0.648856	0.782131	0.86887
0.833238	0.762611	0.622857	0.733745	0.719945	0.716374	0.684871	0.517754	0.72549	0.650288
0.775364	0.646233	0.648511	0.67138	0.550922	0.50217	0.671265	0.655562	0.702994	0.640638
0.862188	0.902877	0.674735	0.67555	0.801426	0.731198	0.835926	1.078516	0.988731	0.839234
0.914003	0.918517	0.640751	0.767347	0.839454	0.762455	0.707793	0.947157	0.854993	0.738733
0.57937	0.750426	0.59171	0.97591	0.993841	0.784181	0.536012	0.791621	0.859685	0.654209
0.815901	0.789369	0.697136	1.177145	0.86301	0.708597	0.834423	0.885609	0.874072	0.865654
0.677588	0.925653	0.739655	0.585106	0.763885	0.95545	0.878603	0.77099	0.899163	0.923866
0.810273	0.700535	0.847347	0.652104	0.489417	0.528268	0.747677	0.648856	0.590622	0.765882
0.968801	0.689954	1.129131	0.930286	0.536228	0.607828	0.907798	0.909192	0.646539	0.862461
0.862188	0.945904	0.961729	1.06114	1.009383	0.858307	0.84199	1.159809	1.019421	0.900678
0.730077	0.914992	0.86632	0.575018	1.002654	0.744149	0.702224	0.863241	0.874072	0.683748
0.715223	0.733921	0.581525	0.691552	0.836407	0.636707	0.786194	0.833161	0.771735	0.555146
0.676559	0.808171	0.728923	1.076686	0.925376	0.86457	1.046892	1.010067	1.182975	0.805871
0.801964	0.718021	0.624706	0.553143	0.710756	0.65676	0.880267	0.664338	0.578933	0.691189
1.12459	0.660649	0.767063	0.680819	0.651363	0.455483	0.851248	0.694943	0.516862	0.686921
0.740666	0.782847	0.94205	0.812295	0.769053	0.747749	1.016192	1.06098	1.04036	1.078474
0.642956	0.837993	0.696042	0.737353	1.216971	0.867735	0.687003	0.898928	1.110017	0.898944
0.637287	0.881236	0.734853	0.781819	1.192172	0.927227	0.79296	0.813281	1.001619	0.800321
0.839175	0.710284	0.667517	0.941734	0.619824	0.546076	0.849691	0.888901	0.817749	0.870488
0.86535	0.882863	0.89298	0.745889	0.572697	0.501486	0.69022	0.68969	0.885601	0.862461
0.665401	0.649078	0.85673	0.799568	0.677932	0.606956	0.722613	0.562897	0.680564	0.840745
0.688012	0.469965	0.928786	0.740991	0.680045	1.043509	0.99181	0.79427	0.645578	1.102677
1.031525	0.771348	0.723074	0.984358	0.993841	1.004808	0.952673	0.964502	0.938803	1.191342
0.810273	0.977156	0.751899	0.890719	1.181962	0.805672	0.576313	0.679371	0.982428	0.830281
0.914003	0.884496	0.688465	0.769943	0.808485	0.598328	0.758878	0.7635	0.677452	0.744756
0.910467	0.953509	0.715014	0.758383	0.855015	0.553717	0.741577	0.893885	0.851893	0.918404
0.623429	0.839465	0.610129	0.680819	0.824431	0.329838	0.577142	0.686569	0.736006	0.90945
0.855931	0.798668	0.749423	0.763483	0.630085	0.606956	0.724939	0.661393	0.717483	1.031422
0.781863	0.695212	0.83665	0.895907	0.996027	0.874136	0.788888	0.852475	0.914945	1.094459
0.839175	0.886135	0.690617	0.816621	1.08851	0.653838	0.657074	0.858594	1.19302	0.732792
0.827382	1.119702	0.59171	0.835884	1.319274	0.835596	0.739161	0.875881	0.920335	0.594502
0.935846	0.86373	0.750659	0.953491	0.917988	0.626562	0.881938	1.023371	0.952214	0.78276

0.952981	0.987402	0.855152	0.81953	0.783592	0.768733	0.941012	0.725596	0.885601	0.81008
0.760153	0.798668	0.704867	0.655091	0.731711	0.680871	0.762677	0.594429	0.807869	0.76461
0.574469	0.716908	0.89298	0.712707	0.569402	0.604349	0.751379	0.528427	0.640802	1.086393
0.564035	0.702683	0.988723	1.151332	0.824431	0.693448	0.946803	0.595269	0.557242	0.74841
0.737107	0.79333	0.621016	0.829866	0.900048	0.938298	0.799832	0.721082	0.59402	0.535229
0.737107	0.767582	0.561845	0.743433	0.800028	0.745345	0.845054	0.825956	0.656273	0.61291
0.876605	0.782847	0.654423	0.813732	0.746265	0.718622	0.799832	0.722206	0.744365	0.74597
0.831767	0.823536	0.621016	0.574188	0.695129	0.698798	0.63567	0.608058	0.625864	0.56949
0.728916	0.522819	0.531653	0.609598	0.620747	0.5857	0.71004	0.608925	0.558812	0.517621
0.695461	0.512276	0.879446	0.957482	0.571046	0.804297	0.726106	0.604611	0.45014	0.699853
0.725452	0.609979	0.789494	0.783159	0.674782	0.790783	0.68275	0.607194	0.489199	0.635892
0.677588	0.923858	0.608341	0.521898	0.745033	0.722016	0.534505	0.673295	0.790095	0.609343
0.625252	0.597127	0.431275	0.644237	0.631029	0.540059	0.722613	0.646959	0.65529	0.633069
0.626166	0.57331	0.433059	0.580875	0.709621	0.635775	0.662089	0.559788	0.607885	0.481095
0.572847	0.633197	0.627495	0.670344	0.65335	0.629305	0.544393	0.517052	0.640802	0.567873
0.586828	0.53876	0.628429	0.708167	0.606212	0.657738	0.69022	0.476226	0.511892	0.659161
0.666403	0.607378	0.651457	0.643263	0.612511	0.612216	0.612562	0.596952	0.553341	0.833245
0.622521	0.784144	0.49099	0.554726	0.702872	0.708597	0.448173	0.589426	0.633269	0.737538
0.675533	0.677587	0.55865	0.578355	0.732906	0.534123	0.538282	0.47495	0.640802	0.54892
0.658446	0.580563	0.397597	0.539148	0.606212	0.499441	0.59148	0.619456	0.648469	0.521231
0.38364	0.422287	0.394314	0.527076	0.692942	0.648052	0.595788	0.573155	0.558812	0.496571
0.512498	0.403509	0.544556	0.63651	0.650373	0.638578	0.576313	0.519162	0.524789	0.550468
0.616216	0.444877	0.525711	0.54921	0.529438	0.630224	0.650148	0.566027	0.470191	0.714311
0.814487	0.590426	0.525711	0.532316	0.655346	0.725436	0.566488	0.527708	0.484535	0.61741
0.570426	0.630454	0.617356	0.465438	0.559662	0.840044	0.520446	0.485915	0.669262	0.636837
0.562452	0.547708	0.540721	0.621456	0.608901	0.592389	0.571373	0.448992	0.529909	0.459813
0.625252	0.648128	0.574865	0.570061	0.569402	0.504917	0.652116	0.557472	0.557242	0.487085
0.561662	0.652901	0.508358	0.48593	0.50754	0.423492	0.607195	0.549081	0.48853	0.503475
0.659433	0.563825	0.65741	0.594564	0.55171	0.388396	0.568924	0.457473	0.476652	0.575199
0.393167	0.501984	0.705983	0.710431	0.607107	0.492021	0.439023	0.495157	0.554897	0.614704
0.418505	0.673542	0.78545	0.54921	0.599123	0.594078	0.420703	0.536425	0.613201	0.652244
0.463908	0.654825	0.630302	0.539148	0.677932	0.582393	0.451267	0.574755	0.583904	0.556717
0.779252	0.810924	0.65841	0.67765	0.690765	0.512562	0.463865	0.676323	0.59402	0.691189
0.710753	0.666552	0.636922	0.56516	0.511114	0.589032	0.400907	0.475588	0.571582	0.577668
0.646777	0.566964	0.587437	0.598932	0.469403	0.496053	0.543625	0.518458	0.583072	0.487085
0.581016	0.560708	0.564257	0.832865	0.628201	0.58075	0.757619	0.528427	0.444663	0.409924
0.581842	0.597972	0.675776	0.581718	0.591284	0.654809	0.694547	0.524127	0.562762	0.502085
0.468975	0.535818	0.65841	0.482559	0.442849	0.619329	0.527789	0.513557	0.563557	0.438925
0.626166	0.598819	0.473635	0.503189	0.602653	0.573429	0.449408	0.577973	0.489199	0.302596
0.700861	0.621433	0.662434	0.512443	0.654347	0.606956	0.518267	0.438325	0.500741	0.502779
0.682769	0.519982	0.509778	0.622382	0.669582	0.642343	0.539801	0.43078	0.436872	0.443144
0.632618	0.495923	0.460742	0.716143	0.498384	0.528268	0.579638	0.53937	0.404823	0.506968
0.591871	0.487315	0.46329	0.717295	0.503996	0.545319	0.56811	0.614158	0.47341	0.596222
0.618907	0.621433	0.571573	0.517509	0.451521	0.500803	0.56006	0.429631	0.531383	0.669237
0.639168	0.704841	0.662434	0.47988	0.506119	0.575045	0.499135	0.448992	0.542602	0.469358
0.652572	0.569333	0.596025	0.55552	0.620747	0.519631	0.428292	0.683469	0.594874	0.474535
0.534899	0.553777	0.587437	0.526333	0.435551	0.523928	0.469656	0.549081	0.521889	0.562259

0.554621	0.562264	0.539197	0.469982	0.566131	0.569414	0.587213	0.413855	0.428636	0.416709
0.914003	0.802715	0.547649	0.69702	0.770355	0.445756	0.488859	0.468628	0.447089	0.464877
0.870138	0.854471	0.628429	0.732549	0.643504	0.515376	0.468362	0.467374	0.491214	0.610232
0.780556	0.532168	0.573216	0.674504	0.425418	0.523209	0.580473	0.492497	0.541845	0.634008
0.582669	0.52069	0.471025	0.528567	0.50329	0.511862	0.427703	0.486569	0.544881	0.509078
0.536385	0.651942	0.640751	0.568421	0.681105	0.657738	0.50895	0.499853	0.561969	0.563056
0.564035	0.556844	0.717302	0.632697	0.636742	0.575855	0.640442	0.529871	0.529909	0.504869
0.585993	0.676572	0.607449	0.629859	0.673737	0.591547	0.482808	0.551353	0.548706	0.473885
0.677588	0.551491	0.509067	0.549994	0.798634	0.778971	0.516821	0.633907	0.552565	0.452944
0.616216	0.525674	0.578182	0.616857	0.562077	0.61754	0.546708	0.475588	0.455066	0.507671
0.616216	0.48275	0.551546	0.648153	0.474651	0.651901	0.76014	0.566027	0.47341	0.625629
0.473458	0.608243	0.588288	0.521164	0.571871	0.704214	0.60987	0.514952	0.576469	0.547377
0.633548	0.842425	0.88279	0.835884	0.710756	0.77127	0.694547	0.543079	0.485198	0.544308
0.627082	0.586289	0.573216	0.686152	0.586989	0.631144	0.687003	0.652675	0.421125	0.435341
0.601273	0.546955	0.633126	0.575018	0.70399	0.522491	0.395959	0.621236	0.532122	0.465515
0.843681	0.712481	0.614632	0.68508	0.91434	0.641398	0.445714	0.712193	0.775604	0.592789
0.753969	0.605652	0.642678	0.768643	0.73052	0.613983	0.537524	0.650761	0.581411	0.600552
0.783175	0.643407	0.569121	0.67138	0.680045	0.643289	0.731992	0.614158	0.459424	0.64351
0.653546	0.634115	0.687393	0.720768	0.546228	0.653838	0.728451	0.496494	0.615884	0.650288
0.874979	0.849915	0.943978	0.820991	0.690765	0.714138	0.670236	0.637597	0.578933	0.586004
0.704134	0.629543	0.745734	0.711567	0.55171	0.518919	0.601893	0.527708	0.568354	0.612015
0.571231	0.577325	0.687393	0.539914	0.680045	0.624742	0.490895	0.463015	0.626782	0.729266
0.618008	0.765089	0.610129	0.545312	0.91616	0.507682	0.495682	0.563677	0.636078	0.739931
0.905216	0.614348	0.586587	0.943672	0.821488	0.493361	0.56006	0.615917	0.53808	0.687984
0.908709	0.530716	0.498546	0.68508	0.889629	0.61487	0.700017	0.8791	0.681606	0.696584
0.833238	0.662608	0.756895	0.713849	0.638664	0.752596	0.851248	0.730157	0.567551	0.83176
0.783175	0.621433	0.896431	0.805178	0.840985	0.918213	1.077296	0.807763	0.674363	0.836229
0.727758	0.53876	0.778794	0.810862	0.6886	0.775103	0.808225	0.762264	0.851893	0.661157
0.654522	0.627728	0.668541	0.698122	0.651363	0.859864	0.631889	0.54085	0.851893	0.950304
0.622521	0.866861	0.548426	0.922819	0.872802	1.163398	0.821127	0.839013	1.082898	0.794842
0.90348	0.94969	0.725404	0.980114	0.861399	0.67881	0.862304	0.796935	0.75166	0.860873
0.828839	0.77898	0.727747	0.854457	1.059655	0.596623	0.748907	0.850958	0.906107	0.865654
0.883169	0.694155	0.841202	0.86405	0.63483	0.872527	0.862304	0.852475	0.974163	1.316235
0.69332	0.597127	0.772238	0.928408	0.741359	0.800199	0.873649	0.887252	0.862841	0.86887
0.803338	0.543957	0.603902	0.841987	0.793104	0.675736	0.678538	0.717727	0.782131	0.768436
0.755198	0.723633	0.749423	0.736147	0.617067	0.732359	0.650148	0.671289	0.734825	0.797573
0.545407	0.756476	0.961729	0.86405	0.728148	0.998323	0.85281	0.877488	0.90436	0.672306
0.50969	0.737406	0.744512	0.720768	0.856602	0.819665	0.837434	0.966473	0.87245	0.913009
0.490526	0.682697	0.63502	0.908259	0.974642	0.716374	0.914963	1.159809	1.037983	1.208641
0.701949	0.641532	0.773541	1.041242	0.746265	0.798841	1.200942	0.662372	0.704091	0.98054
0.700861	0.626823	0.767063	1.103899	1.08851	1.029453	0.865515	0.738256	0.707401	0.784086
0.762651	0.680646	0.649491	0.813732	0.964332	0.927227	0.660076	0.646014	0.641753	0.76461
0.766426	0.680646	0.65741	0.726619	0.621672	0.846047	0.824046	0.591088	0.990853	1.017563
0.699776	0.817886	0.557855	0.701444	0.812776	1.060504	1.009406	0.89556	1.418953	1.289917
0.696536	0.865293	0.811719	1.068843	1.275422	0.828282	1.160973	1.175503	0.976214	0.672306
0.796512	0.752836	0.530906	0.781819	0.931001	0.752596	1.061828	1.094132	0.86126	0.680597
1.055441	0.70919	0.543787	0.959492	0.721107	0.829735	1.576048	1.075967	0.761581	1.134215

0.947194	0.674549	0.663446	1.05608	0.980948	0.959356	1.000519	0.925058	1.035619	0.916598
0.821604	0.632281	0.611925	0.762202	0.708489	0.822518	0.813912	0.701332	0.918531	0.900678
0.671452	0.518571	0.743292	0.764767	0.494222	0.959356	0.888685	0.698126	1.014901	1.073274
0.745456	0.599667	0.997378	0.791286	0.643504	0.875751	0.75262	0.853996	1.166731	0.952256
0.654522	0.652901	0.683133	0.818073	0.702872	0.601759	0.586365	0.676323	0.929471	0.616506
0.596974	0.666552	0.565064	0.600691	0.572697	0.623836	0.701119	0.708906	0.726646	0.758308
0.828839	0.597127	0.535409	0.889003	0.624458	0.648052	0.983272	0.792943	0.621299	0.818623
0.910467	0.703761	0.55233	0.767347	0.938617	0.699876	0.631889	0.811895	0.842724	0.625629
0.654522	0.629543	0.524238	0.618691	0.877782	0.645188	0.696727	0.665324	0.644618	0.680597
0.728916	0.598819	0.685258	0.624239	0.582737	0.664649	0.564066	0.587772	0.623119	0.646402
0.777952	0.728176	0.79085	0.755855	0.590422	0.693448	0.643331	0.65944	0.645578	0.546608
0.796512	0.762611	0.728923	0.702558	0.779578	0.671672	0.739161	0.762264	0.724337	0.634949
0.753969	0.731614	0.759415	0.621456	0.734103	0.559146	0.776897	0.834617	0.574018	0.580983
0.976932	0.739744	0.692779	0.67976	0.827394	0.777678	0.968724	0.807763	0.75166	0.686921
1.118862	1.122523	0.932535	0.640356	0.877782	0.798841	0.767794	0.686569	0.728967	0.679552
0.797869	0.843913	0.691696	0.800964	0.701757	0.664649	0.716853	0.664338	0.530646	0.717717
0.762651	0.761377	0.684194	0.731357	0.588702	0.509767	0.696727	0.566814	0.458799	0.90945
0.863766	0.673542	0.709348	0.613212	0.864626	0.641398	0.613464	0.629339	0.626782	0.767157
0.767692	0.705925	0.693864	0.594564	0.798634	0.832655	0.590623	0.603753	0.706295	0.655195
0.800595	0.762611	0.707102	0.764767	0.763885	0.744149	0.50966	0.682441	0.624032	0.52707
0.900028	0.718021	0.623781	0.6652	0.718785	0.605216	0.507534	0.831711	0.669262	0.546608
0.680689	0.730465	0.572394	0.487965	0.632925	0.589032	0.585518	0.529871	0.728967	0.584324
0.612653	0.580563	0.661425	0.623309	0.676879	0.464804	0.588063	0.544572	0.709621	0.636837
0.831767	0.52069	0.549204	0.913662	0.789002	0.462924	0.702224	0.536425	0.705192	0.765882
0.848234	0.595442	0.708223	0.742211	0.797245	0.61487	0.549034	0.525555	0.723187	0.781438
0.672468	0.593763	0.711605	0.719607	0.702872	0.822518	0.587213	0.522702	0.779509	0.733974
0.561662	0.711381	0.518396	0.519698	0.836407	0.776389	0.573013	0.77099	0.752888	0.619223
0.62434	1.037923	0.777475	0.687227	0.970488	1.029453	0.87201	0.733609	0.697547	0.675397
0.780556	0.782847	0.764499	0.845071	0.645455	0.784181	0.774276	0.587772	0.481891	0.534481
0.662407	0.649078	0.579016	0.725442	0.749981	0.626562	0.762677	0.828824	0.628626	0.434152
0.845193	0.746836	0.610129	0.920972	0.940542	0.566229	0.84814	0.799617	0.832266	0.725769
0.987316	0.856001	0.78545	0.798177	0.851858	0.907637	0.80122	0.639453	0.651379	0.966168
0.690128	0.578132	0.811719	0.726619	0.614328	0.763704	0.808225	0.694943	0.697547	0.862461
0.559303	0.699466	0.682074	0.499682	0.660377	0.632066	0.626279	0.639453	0.535091	0.497943
0.53268	0.751629	0.697136	0.549994	0.783592	0.870924	0.696727	0.674302	0.543361	0.652244
0.73829	0.642468	0.794944	0.610499	0.662406	0.571015	0.629075	0.616799	0.487194	0.720002
0.820171	0.798668	0.720756	0.733745	0.830378	0.740578	0.675406	0.580402	0.611422	0.530019
0.843681	0.916751	0.832145	0.917302	0.793104	0.521774	0.691298	0.647907	0.595729	0.679552
0.771511	0.772611	0.816016	0.887294	0.632925	0.603484	0.667163	0.537895	0.599168	0.726932
0.739476	0.701608	0.646558	0.777824	0.740142	0.655783	0.829946	0.569181	0.669262	0.736347
0.557737	0.940287	0.761949	0.64717	0.724613	0.638578	0.706673	0.610662	0.756592	0.767157
0.797869	0.654825	0.715014	0.887294	0.729332	0.699876	0.656077	0.552113	0.610535	0.720002
0.69332	0.606514	0.710475	0.541449	0.557261	0.775103	0.632831	0.521992	0.614988	0.628404
0.602138	0.675559	0.63502	0.560313	0.670617	0.671672	0.571373	0.60547	0.626782	0.696584
0.685908	0.862173	0.692779	0.776501	0.791732	0.751379	0.723774	0.598643	0.700807	0.893785
0.749084	0.729319	0.725404	0.759652	0.685372	0.637641	0.939099	0.699192	0.773021	0.964153
0.855931	0.577325	0.74696	0.773866	0.410932	0.601759	0.737958	0.644129	0.836717	0.789431

0.599548	0.587113	0.951778	0.754597	0.576018	0.598328	0.808225	0.748895	0.888952	0.81008
0.536385	0.592927	0.742077	0.768643	0.658358	0.530455	0.708915	0.635748	0.607885	0.605805
0.631691	0.676572	0.670596	0.901158	0.774284	0.595773	0.608977	0.512167	0.63514	0.577668
0.641058	0.856001	0.745734	0.724269	0.801426	0.609578	0.654092	0.623921	0.942593	0.757058
0.60912	1.061865	0.682074	0.773866	0.932893	0.86457	0.920415	0.774785	0.755354	0.634949
0.775364	0.654825	0.542251	0.787203	0.665467	0.591547	0.71571	1.070914	0.608767	0.490449
0.772792	0.411693	0.437251	0.730167	0.544675	0.470495	0.726106	0.74532	0.605252	0.502085
0.641058	0.477591	0.71845	0.634599	0.511114	0.733524	0.757619	0.534229	0.717483	1.017563
0.660422	0.763848	0.699331	0.758383	0.714179	0.666644	0.739161	0.590256	0.524789	0.679552
0.595267	0.684758	0.609234	0.768643	0.649385	0.651901	0.683809	0.666313	0.624947	0.638733
0.520316	0.539498	0.861498	0.776501	0.616152	0.780267	0.545163	0.53937	0.7313	0.685861
0.660422	0.719138	0.450075	0.701444	0.818565	0.753816	0.544393	0.514254	0.780818	0.86887
0.768961	0.703761	0.366855	0.574188	0.763885	0.575855	0.624425	0.623921	0.711853	0.54584
0.495239	0.622326	0.587437	0.624239	0.708489	0.530455	0.634721	0.629339	0.507677	0.631197
0.568819	0.642468	0.653432	0.698122	0.620747	0.521774	0.724939	0.737089	0.649437	0.653226
0.697613	0.712481	0.576521	0.483904	0.599123	0.47433	0.513942	0.512862	0.561969	0.551244
0.598689	0.52927	0.526449	0.386541	0.456556	0.599183	0.543625	0.367207	0.402074	0.583486
0.601273	0.436632	0.592569	0.61961	0.438577	0.669653	0.58383	0.451398	0.563557	0.790777
0.701949	0.605652	0.699331	1.079332	0.640593	0.635775	0.63567	0.626622	0.714096	0.726932
0.720876	0.567752	0.685258	0.620532	0.550136	0.611334	0.511796	0.665324	0.762838	0.592789
0.572847	0.677587	0.660418	0.509575	0.762602	0.605216	0.454382	0.569973	0.585574	0.666189
0.663402	0.649078	0.556269	0.654093	0.636742	0.524649	0.688072	0.618569	0.582241	0.675397
0.797869	0.720258	0.52277	0.6652	0.714179	0.588196	0.608085	0.582845	0.57565	0.535979
0.603005	0.567752	0.490309	0.492064	0.589561	0.497405	0.464505	0.499853	0.448306	0.568681
0.558519	0.467453	0.50063	0.518237	0.39802	0.513264	0.477499	0.469256	0.498682	0.577668
0.618907	0.497934	0.644613	0.611401	0.571871	0.710805	0.64819	0.642253	0.669262	0.712055
0.783175	0.570125	0.541486	0.570061	0.665467	0.606956	0.56811	0.648856	0.775604	0.561463
0.621615	0.624119	0.568306	0.512443	0.655346	0.713024	0.490895	0.433088	0.632336	0.505568
0.645819	0.620541	0.48963	0.639391	0.706233	0.609578	0.522636	0.43891	0.487861	0.603171
0.610883	0.662608	0.673696	0.606907	0.734103	0.713024	0.671265	0.685533	0.75166	0.715443
0.472172	0.44786	0.515504	0.482559	0.530187	0.489354	0.588915	0.514952	0.573205	0.620132
0.541625	0.447262	0.472981	0.632697	0.571046	0.304794	0.539041	0.560563	0.521168	0.620132
0.716348	0.635958	0.596025	0.791286	0.684301	0.613098	0.570555	0.613282	0.623119	0.69876
0.707431	0.757696	0.665477	0.612306	0.670617	0.577481	0.542091	0.519868	0.53883	0.672306
0.449051	0.517867	0.743292	0.672419	0.452774	0.619329	0.582148	0.371702	0.384876	0.326929
0.49254	0.506756	0.514066	0.548428	0.506119	0.520344	0.40146	0.552113	0.466997	0.340104
0.469613	0.613471	0.650473	0.617773	0.629142	0.522491	0.499135	0.584481	0.602634	0.531502
0.562452	0.591258	0.517671	0.594564	0.529438	0.547593	0.415525	0.494491	0.579758	0.519062
0.545407	0.504704	0.486249	0.612306	0.50541	0.498761	0.420124	0.614158	0.500054	0.464241
0.565624	0.561485	0.541486	0.650124	0.547787	0.546834	0.562459	0.651717	0.524789	0.49248
0.544648	0.519982	0.611026	0.602458	0.545451	0.564645	0.51466	0.526989	0.597445	0.659161
0.535642	0.315273	0.483563	0.662143	0.484664	0.464177	0.552156	0.363249	0.421698	0.64351
0.505512	0.405676	0.384611	0.458394	0.567763	0.477552	0.434221	0.350152	0.480576	0.530019
0.476041	0.50813	0.43906	0.488646	0.530938	0.566229	0.516821	0.444218	0.510482	0.53076
0.462022	0.428541	0.405915	0.338188	0.39802	0.43683	0.446328	0.445407	0.41998	0.428846
0.389437	0.39283	0.361263	0.308406	0.49147	0.455483	0.420703	0.475588	0.406482	0.426508
0.513909	0.536551	0.472328	0.53307	0.658358	0.575045	0.456891	0.488536	0.539582	0.518341

0.569622	0.500629	0.490309	0.598055	0.466803	0.445756	0.405912	0.498506	0.44165	0.423024
0.516745	0.457546	0.456947	0.514607	0.488053	0.371857	0.486159	0.499853	0.438658	0.356163
0.453332	0.429687	0.417834	0.46933	0.420147	0.460429	0.358283	0.370199	0.532863	0.566261
0.513203	0.488629	0.459473	0.433699	0.348908	0.466062	0.466429	0.440084	0.468272	0.542021
0.452104	0.515063	0.400352	0.48593	0.403027	0.362823	0.464505	0.405633	0.402074	0.41614
0.410636	0.522819	0.580687	0.554726	0.533953	0.467956	0.472907	0.499853	0.519728	0.440728
0.633548	0.650031	0.701537	0.56924	0.640593	0.781568	0.731992	0.644129	0.691101	0.620132
0.732408	0.711381	0.598635	0.506016	0.729332	0.597475	0.63567	0.682441	0.514015	0.444357
0.709643	0.433146	0.565064	0.709297	0.778249	0.579112	0.736758	0.6845	0.532863	0.478459
0.848234	0.354007	0.694952	0.87221	0.728148	0.672684	0.787539	0.614158	0.544881	0.676432
0.647738	0.846903	0.814579	0.720768	0.689681	0.69665	0.541327	0.608058	0.536583	0.640638
0.675533	0.794659	0.908729	0.812295	0.637702	0.875751	0.751379	0.672291	0.663219	0.765882
0.878237	0.973124	1.022109	0.835884	0.908925	1.038773	0.859116	0.606331	0.950273	0.978458
1.412445	0.909758	0.921385	1.23769	1.638587	0.94017	0.922247	0.823107	0.960068	0.732792
1.033859	0.904587	0.739655	1.294787	1.368056	0.95158	0.906026	1.063442	0.94834	0.856145
1.519771	1.189734	0.829167	1.221026	2.113404	0.961322	1.170626	1.647035	0.90436	1.12248
1.118862	1.333306	1.147264	1.06626	1.61063	1.1331	0.744007	1.263805	1.754366	0.974322
0.860615	0.837993	1.008445	0.773866	0.964332	1.113083	0.776897	0.844944	1.014901	1.226658
0.935846	0.730465	1.065887	0.902922	0.814216	1.602103	1.466867	1.102156	1.166731	1.178911
1.643184	1.145778	1.719048	1.386671	1.020836	1.523497	1.41821	1.863366	1.436397	1.111054
1.050551	1.136911	0.818904	1.277694	1.342981	1.1331	0.868751	1.021125	0.913163	0.788089
0.888158	0.942151	0.685258	1.308064	1.440964	0.872527	0.911366	1.132915	1.141943	0.991106
1.380116	1.136911	0.769643	1.408766	1.263085	1.029453	1.281185	1.113425	1.121743	1.411971
1.080751	1.071824	1.144189	0.838925	0.884512	0.648052	0.80964	1.096791	1.13006	0.817187
0.941483	0.89109	0.943978	1.06626	0.827394	0.547593	0.860707	0.781183	0.670277	0.984736
1.121716	0.865293	1.247489	1.160833	0.874456	1.115886	1.857025	0.890556	0.697547	1.131252
1.093981	1.234964	0.976056	0.69264	1.25905	1.242328	1.030092	0.990846	0.87245	0.744756
0.917568	1.064333	1.019802	0.74836	1.42302	1.315975	0.762677	1.051268	1.521312	0.820063
1.040934	0.942151	0.986586	0.947573	1.216971	1.034088	0.704443	1.222726	1.375596	0.833245
1.099388	0.985334	1.192775	0.883897	0.780912	1.118708	0.758878	0.89556	1.247062	0.966168
0.766426	0.93843	0.713875	0.95151	0.776923	0.798841	0.831433	0.798274	0.848815	0.867259
0.976932	0.92029	0.751899	1.115281	0.958261	0.607828	1.272872	0.956707	0.848815	1.215758
1.412445	1.273272	1.221096	1.456644	1.61063	1.324985	1.678203	0.974446	1.514157	1.435126
0.763906	0.839465	1.25931	0.95151	1.04962	1.163398	0.870377	1.09149	1.196421	1.089065
0.840672	1.217006	0.818904	0.669311	0.964332	1.104778	0.608085	1.056097	0.888952	0.742336
0.966791	1.527138	0.711605	0.645213	0.769053	0.95545	0.63567	0.701332	1.014901	0.867259
0.943378	0.932908	0.965775	0.661128	0.682168	0.900727	0.747677	0.823107	1.386037	1.05555
1.067912	1.00865	0.879446	0.883897	1.0622	0.671672	0.913161	1.354995	1.176404	1.006343
1.418075	1.07435	0.832145	2.541942	1.075156	0.705306	1.90723	1.144662	0.844239	0.936884
1.239422	1.269286	1.410711	0.915478	0.929118	1.141969	1.051814	0.864801	0.877335	0.790777
0.874979	0.881236	1.247489	0.982231	1.020836	0.934576	0.819674	0.726731	0.929471	0.793483
0.765164	1.010833	0.997378	0.718449	1.116517	1.041134	0.966685	0.923267	1.101702	1.086393
0.937716	0.894425	0.97398	1.135946	0.993841	0.963297	1.121459	0.686569	0.8757	1.230353
0.881519	0.610849	0.647533	0.672419	0.833382	0.657738	0.834423	0.827388	0.823498	0.657173
0.814487	0.8068	0.756895	0.572533	1.023163	0.780267	0.954647	1.086254	0.764098	0.805871
0.917568	0.96913	0.89298	0.911853	0.932893	1.118708	0.960624	0.831711	0.792783	1.017563
0.675533	0.801362	0.727747	0.581718	0.541584	0.67881	0.776897	0.608925	0.770453	0.900678

0.846711	0.96913	1.065887	0.608699	0.738927	0.789455	0.762677	0.551353	1.196421	0.968192
0.637287	1.084603	1.045884	0.621456	0.978836	0.973309	0.916773	0.685533	0.899163	1.212185
0.827382	0.702683	0.867939	0.781819	0.70511	0.686067	0.774276	0.581215	0.526976	0.837729
0.833238	0.8716	0.744512	0.720768	0.789002	0.670661	0.816783	0.958643	0.990853	0.667203
0.954927	0.856001	0.647533	0.902922	1.059655	0.71975	0.925936	1.166019	1.028602	0.679552
1.113208	0.918517	0.926924	0.924674	0.964332	1.034088	1.204445	0.840488	0.962054	0.785416
0.7614	0.739744	0.827686	0.78856	0.821488	0.909382	0.933409	0.752501	0.9445	0.98054
0.81732	0.82496	0.872833	0.666224	0.677932	0.94017	0.731992	0.677336	1.124238	0.840745
0.699776	0.963206	1.210258	1.006226	0.789002	0.867735	0.929656	0.60547	0.53883	0.760818
0.712983	0.665562	0.749423	0.984358	0.839454	0.723153	0.829946	0.857056	0.882276	0.88032
0.906959	0.848406	0.765779	0.747123	1.059655	0.900727	0.539041	0.850958	0.724337	0.580983
0.771511	1.047342	0.844263	0.823929	1.057124	0.930886	0.747677	1.070914	1.023987	0.723453
0.707431	0.622326	0.736048	0.845071	0.637702	0.811215	0.794325	0.796935	0.90786	0.956186
0.792468	0.562264	0.755641	0.783159	0.649385	0.693448	0.670236	0.613282	0.727805	0.954216
0.590183	0.744459	0.824739	0.592829	0.453402	0.911134	0.782185	0.620345	1.054902	1.105451
0.644862	0.694155	0.755641	0.910052	0.725788	0.734692	0.824046	0.774785	0.656273	0.691189
0.43351	0.526391	0.684194	0.654093	0.52349	0.27256	0.608977	0.751296	0.771735	0.796205
0.628	0.686829	0.90695	0.710431	0.743805	0.785494	0.598394	0.769733	0.847284	0.681645
0.510391	0.886135	0.823273	0.721932	0.998225	0.549116	0.689145	0.614158	0.693239	0.591935
0.308371	0.48666	0.619182	0.684011	0.584433	0.603484	0.58131	0.658467	0.433913	0.659161
0.715223	0.587939	0.506943	0.794029	0.645455	0.552947	0.544393	0.614158	0.469551	0.897218
0.632618	0.426826	0.745734	0.728981	0.409794	0.612216	0.667163	0.593591	0.672315	0.872111
0.568018	0.52927	0.772238	0.754597	0.676879	0.752596	0.770375	0.759802	0.640802	0.875376
0.772792	0.595442	0.614632	0.448346	0.55806	0.553717	0.482808	0.522702	0.665224	0.7223
0.602138	0.686829	0.770938	0.561117	0.404147	0.578296	0.622579	0.598643	0.823498	0.728098
0.644862	0.92207	0.778794	0.627978	0.655346	0.912893	0.825514	0.723333	0.691101	0.687984
0.8303	0.609979	0.559447	0.686152	0.700646	0.69558	0.786194	0.905744	0.680564	0.633069
0.712983	0.599667	0.537678	0.652104	0.78225	0.555261	0.623501	0.730157	0.558026	0.771006
0.732408	0.584645	0.76068	0.892441	0.696227	0.626562	0.870377	0.723333	0.710736	1.174705
0.820171	0.72138	0.690617	1.013007	0.998225	0.700956	0.538282	0.725596	0.639853	0.785416
0.550758	0.499954	0.630302	0.640356	0.845612	0.636707	0.499828	0.488536	0.490541	0.676432
0.613541	0.616109	0.745734	0.719607	0.4901	0.821089	0.672296	0.521283	0.596586	0.760818
0.53268	0.652901	0.742077	0.602458	0.536228	0.877372	0.876946	0.757355	0.705192	0.725769
0.564829	0.650985	0.555478	0.695921	0.75751	0.487365	0.408155	0.792943	0.684748	0.533734
0.653546	0.878	0.55233	0.591964	1.013928	0.634845	0.55609	0.813281	0.573205	0.605805
0.780556	0.522819	0.521307	0.802364	0.715326	0.523209	0.708915	0.578781	0.525516	0.768436
0.82593	0.628634	0.644613	0.808011	0.780912	0.529725	0.729628	0.792943	0.571582	0.458556
0.521033	0.736241	0.697136	0.523371	0.576018	0.460429	0.482141	0.517754	0.432734	0.426508
0.576912	0.53876	0.60656	0.803769	0.574354	0.607828	0.608977	0.551353	0.662219	0.555931
0.567219	0.556075	0.655417	0.609598	0.50048	0.641398	0.628141	0.373716	0.424575	0.604925
0.550758	0.563044	0.451939	0.604232	0.612511	0.506989	0.524837	0.468628	0.576469	0.535979
0.669425	0.728176	0.647533	0.49344	0.596494	0.713024	0.783517	0.646959	0.491214	0.581816
0.792468	0.658699	0.520578	0.623309	0.513273	0.483413	0.755112	0.634827	0.682651	0.757058
0.874979	0.785444	0.725404	0.653098	0.651363	0.446357	0.465787	0.607194	0.622208	0.633069
0.701949	0.616109	0.488952	0.567603	0.70511	0.476261	0.614366	0.558242	0.400432	0.609343
0.715223	0.452676	0.479564	0.716143	0.639627	0.705306	0.68275	0.56839	0.450752	0.759561
0.663402	0.452071	0.659413	0.739775	0.663424	0.578296	0.546708	0.604611	0.556459	0.663163

0.522472	0.475034	0.55865	0.514607	0.574354	0.571818	0.343986	0.468628	0.632336	0.519784
0.576096	0.695212	0.687393	0.580875	0.646434	0.778971	0.69022	0.573155	0.67642	0.557504
0.726604	0.754045	0.532402	0.594564	0.893074	0.541555	0.531507	0.64507	0.510482	0.441934
0.694389	0.615228	0.514066	0.601574	0.671655	0.544564	0.424189	0.637597	0.695388	0.545074
0.576912	0.60911	0.549983	0.616857	0.563694	0.477552	0.433028	0.549081	0.429803	0.444357
0.615322	0.587939	0.392139	0.64619	0.697327	0.581571	0.570555	0.381863	0.234508	0.469358
0.57937	0.489287	0.412117	0.930286	0.571046	0.594925	0.765228	0.709999	0.696466	0.707578
0.768961	0.89109	0.687393	0.645213	0.791732	0.716374	0.548257	0.572357	0.883935	0.767157
0.543134	0.53876	0.66446	0.458394	0.474651	0.763704	0.60014	0.612407	0.766628	0.613806
0.498636	0.597972	0.493722	0.413185	0.830378	0.718622	0.49775	0.692834	0.648469	0.425925
0.740666	0.781554	0.573216	0.55552	0.562884	0.70204	0.550592	0.503919	0.599168	0.621957
0.765164	0.543211	0.616446	0.536098	0.508253	0.579112	0.434818	0.56839	0.499367	0.579323
0.739476	0.583008	0.421881	0.62704	0.717629	0.39637	0.539041	0.591921	0.529909	0.440728
0.762651	0.567752	0.437251	0.678703	0.702872	0.38212	0.62074	0.742952	0.661223	0.628404
0.564829	0.661627	0.643644	0.604232	0.580205	0.705306	0.59406	0.656528	0.600897	0.479775
0.621615	0.572512	0.698232	0.508148	0.537752	0.856756	1.027745	0.715505	0.739568	0.44375
0.453332	0.725899	0.588288	0.412613	0.991665	0.761211	0.812483	0.663354	0.715222	0.793483
0.676559	1.15789	1.022109	0.649137	0.697327	0.726582	0.835926	0.501204	0.705192	0.781438
0.611767	0.635958	0.712739	0.591101	0.695129	0.95545	0.689145	0.532044	0.656273	0.595361
0.972848	0.742095	0.838162	0.631749	1.059655	0.819665	0.700017	0.853996	0.766628	0.718858
1.210371	0.932908	0.584049	0.924674	1.134231	0.841537	0.74279	0.861686	1.023987	1.102677
0.670437	1.037923	1.058277	0.795407	0.685372	0.826834	0.645268	0.423365	0.752888	0.970226
0.870138	0.642468	1.153481	1.04368	0.780912	1.006992	0.703332	0.59611	0.906107	0.75457
0.589342	0.627728	0.83665	0.703674	1.096724	1.073064	0.780857	0.7635	1.228291	0.818623
0.573657	0.728176	0.770938	1.029254	0.903577	0.785494	0.731992	0.742952	0.723187	0.887
0.874979	0.851428	0.696042	0.733745	1.243273	1.027154	1.07468	0.840488	0.940694	0.755812
1.326455	1.071824	0.704867	0.941734	1.013928	0.807051	0.929656	0.867938	0.819179	0.749635
0.937716	0.991569	0.841202	0.645213	0.769053	1.027154	1.007167	0.630249	0.739568	0.974322
0.603005	0.839465	1.043447	0.911853	0.917988	1.091282	0.914963	0.497164	0.524789	0.714311
0.638227	0.936582	0.764499	0.689384	0.976734	0.870924	0.656077	0.704562	1.045154	0.88198
0.842174	0.884496	0.997378	0.967623	0.614328	0.752596	0.566488	0.623024	0.790095	0.864054
0.660422	0.621433	0.708223	0.713849	0.643504	0.796139	0.458782	0.610662	0.601765	0.590232
0.755198	0.736241	0.57404	0.509575	0.66139	0.563067	0.40928	0.662372	0.662219	0.668219
0.724304	0.627728	0.471676	0.698122	0.723441	0.726582	0.851248	0.662372	0.648469	0.705357
0.625252	0.715797	0.642678	0.617773	0.678987	0.904168	0.907798	0.737089	0.766628	0.517621
0.823041	0.798668	0.835143	0.81953	0.848723	1.027154	0.62074	0.566027	0.623119	0.591083
0.646777	1.128221	0.683133	0.538384	0.956256	0.834123	0.536767	0.579591	0.786095	0.792128
0.775364	0.604792	0.644613	0.937885	0.797245	0.545319	0.373067	0.459313	0.497998	0.547377
0.541625	0.519276	0.758153	0.61412	0.651363	0.509071	0.529272	0.623024	0.617681	0.589383
0.631691	0.614348	0.474946	0.485253	0.591284	0.509071	0.490895	0.693888	0.515436	0.369248
0.656479	0.466202	0.473635	0.421858	0.502586	0.492691	0.446328	0.388076	0.52844	0.370783
0.555398	0.375258	0.428907	0.516055	0.465509	0.462924	0.596655	0.357379	0.405928	0.414436
0.502749	0.450864	0.372003	0.455229	0.404147	0.546076	0.397602	0.24914	0.486528	0.471292
0.394238	0.499279	0.503424	0.46933	0.540815	0.638578	0.513942	0.337438	0.526976	0.386444
0.381552	0.330081	0.433059	0.481217	0.436759	0.416129	0.503314	0.37777	0.324467	0.453564
0.524639	0.376272	0.512632	0.403561	0.439184	0.409996	0.399802	0.368202	0.414869	0.356163
0.41231	0.430837	0.438456	0.406933	0.629142	0.571015	0.384096	0.438325	0.585574	0.395033

0.33844	0.430837	0.410417	0.343519	0.540047	0.475616	0.409844	0.353991	0.290948	0.351724
0.536385	0.458159	0.397048	0.585106	0.442236	0.416129	0.493624	0.422235	0.356327	0.358151
0.34128	0.440735	0.398147	0.356888	0.260692	0.444555	0.394322	0.388598	0.432734	0.557504
0.367204	0.363762	0.483563	0.414906	0.343507	0.432144	0.498442	0.390167	0.357315	0.448016
0.407306	0.297975	0.399248	0.437314	0.450896	0.361336	0.347883	0.303959	0.384349	0.404903
0.419073	0.373237	0.384079	0.417211	0.457189	0.324348	0.351816	0.310015	0.438062	0.381161
0.46265	0.387588	0.326801	0.377484	0.256678	0.202993	0.351816	0.319707	0.368333	0.337247
0.435865	0.381379	0.322159	0.412613	0.434346	0.286083	0.332027	0.404549	0.353377	0.272955
0.458277	0.411693	0.328671	0.299944	0.407527	0.355436	0.402569	0.345399	0.318999	0.495203
0.453947	0.352082	0.321237	0.370682	0.403587	0.314017	0.38891	0.352067	0.321269	0.345392
0.400179	0.319707	0.361263	0.39087	0.292036	0.227384	0.288516	0.317042	0.36732	0.381686
0.188707	0.345884	0.315289	0.257135	0.288153	0.331683	0.26042	0.356408	0.31226	0.367209
0.314132	0.306971	0.338147	0.25395	0.329583	0.45181	0.301954	0.403467	0.322637	0.224222
0.302686	0.320599	0.275375	0.210206	0.348414	0.381082	0.31582	0.348721	0.269015	0.386976
0.40236	0.217696	0.320317	0.354381	0.361437	0.348173	0.344957	0.318817	0.282125	0.489101
0.432337	0.312634	0.308079	0.366036	0.331003	0.348654	0.270539	0.4228	0.227117	0.456677
0.403454	0.36574	0.446987	0.423614	0.29117	0.256325	0.501219	0.462395	0.28005	0.437727
0.485203	0.415011	0.540721	0.38119	0.330056	0.351548	0.625351	0.493825	0.400432	0.476493
0.399636	0.431413	0.431275	0.445871	0.311083	0.412216	0.395413	0.37777	0.447089	0.477803
0.379473	0.466827	0.369937	0.403001	0.445309	0.491353	0.354789	0.429631	0.471476	0.415003
0.557737	0.427397	0.359247	0.492064	0.465509	0.522491	0.434221	0.706729	0.336554	0.337247
0.60912	0.582191	0.398147	0.503189	0.607107	0.522491	0.468362	0.543825	0.458799	0.335826
0.482565	0.383955	0.318482	0.364498	0.450896	0.402313	0.437818	0.422235	0.44165	0.469358
0.389968	0.177344	0.380896	0.38816	0.334812	0.337267	0.523368	0.37777	0.368841	0.627477
0.491867	0.294177	0.426553	0.472599	0.483989	0.469859	0.582988	0.417746	0.451981	0.479775
0.347497	0.32554	0.484904	0.380659	0.401351	0.476261	0.443879	0.361774	0.455066	0.528542
0.45088	0.416679	0.511202	0.463506	0.426597	0.549116	0.415525	0.442442	0.450752	0.362153
0.52609	0.429687	0.351769	0.382789	0.60532	0.507682	0.419547	0.463015	0.571582	0.504869
0.49254	0.399741	0.412117	0.322577	0.457823	0.417254	0.381974	0.417188	0.32954	0.425925
0.494562	0.475672	0.361263	0.439134	0.474651	0.398522	0.378809	0.443625	0.343684	0.329253
0.529007	0.398136	0.272895	0.527821	0.638664	0.559146	0.524102	0.738256	0.642706	0.630264
0.515325	0.533624	0.424795	0.533825	0.524229	0.637641	0.671265	0.543825	0.58725	0.964153
0.628	0.641532	0.777475	0.684011	0.462932	0.801561	0.727277	0.440084	0.724337	0.995405
0.541625	0.975136	1.017507	0.494819	0.676879	1.311538	0.981164	0.732455	1.104456	1.165021
0.883169	1.160971	0.786794	1.008475	2.440476	1.05558	2.0535	1.988928	1.014901	1.222994
1.118862	1.997981	0.765779	1.766365	1.032027	1.450835	1.19402	1.101958	1.05843	1.04815
0.946055	0.855917	0.810848	0.788314	1.174001	1.184011	1.189015	1.144236	0.931322	1.05329
0.473027	1.347326	0.833382	0.799581	1.892936	1.315975	1.186513	1.379853	0.796845	1.40084
0	1.43086	0.416691	1.753643	0.673737	1.410218	1.095039	1.003565	0.929471	1.411971
0	0	0	0.545214	0.78225	0.636066	0.998252	0.99294	1.163554	1.475295
0	0	0	0.8909	1.658277	0.709158	0.598394	1.30918	1.77977	1.344252
0	0	1.730717	0.999549	1.122342	0.977379	0.456891	0.500528	1.144965	0.801702
0	0	0	0	0.988464	2.063984	0.738954	1.124308	2.180334	1.137199
0	0	0	0	0	1.179378	0.369477	0.554215	0.839261	0.98823
0	0	0	0	0	0	0	0	1.173156	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0
0.353505	0.176753	0.088376	0.044188	0.022094	0.011047	0.005524	0	0	0
0.876605	0.70701	1.008445	1.729266	1.479241	1.073064	1.215127	1.647035	0.548395	0.274198
0.51817	0.495255	0.628429	0.663159	0.677932	0.698798	0.828463	1.096791	1.7422	1.384662
0.303992	0.361794	0.463929	0.444638	0.554873	0.563855	0.60014	0.631161	0.954164	0.670257
0.272481	0.367229	0.401459	0.345964	0.4813	0.348654	0.427115	0.54532	0.553341	0.462971
0.404002	0.350166	0.44027	0.316578	0.421897	0.333536	0.347883	0.431933	0.403171	0.346845
0.635413	0.499279	0.581525	0.576684	0.518351	0.231035	0.453757	0.440673	0.435686	0.342019
0.683813	0.683726	0.767063	0.687227	0.70399	0.699876	0.828463	0.624819	0.845759	0.667203
0.613541	0.606514	0.60656	0.479213	0.429561	0.709699	0.617997	0.566027	0.775604	0.644472
0.448443	0.624119	0.472981	0.508148	0.574354	0.566229	0.431246	0.251038	0.431559	0.554363
0.270056	0.396006	0.535409	0.543763	0.384943	0.316689	0.269313	0.323735	0.356821	0.397752
0.379473	0.37678	0.362274	0.346455	0.421897	0.227748	0.181271	0.287105	0.303872	0.423024
0.834715	0.616991	0.613728	0.489327	0.452147	0.30047	0.533003	0.4655	0.417133	0.486416
0	0	0	0.226074	1.543838	1.130183	0.150235	0.075118	0.037559	0.018779
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0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0

90	91	92	93	94	95	96	97	98	99
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0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.522237	1.148408	0.773674	2.450597	1.202038	0.69075	1.628497	1.150577	1.122587	0.561293
1.652686	0.716829	0.6742	1.365728	0.883174	0.787564	1.576486	1.178566	1.179463	1.394287
0.667506	0.90898	1.006778	0.942543	1.134835	1.151348	0.940041	1.114467	1.022513	0.97923
0.419577	0.829366	0.67826	0.512405	0.908831	0.823851	0.578484	0.970811	1.099517	0.637298
0.715777	0.916481	0.761153	0.545457	0.843519	0.727628	0.535539	0.762663	0.547971	0.782634
0.687696	0.686834	0.652524	0.50539	0.614442	0.908787	0.756566	0.570075	0.471512	0.640136
0.852365	0.715637	0.473203	0.46999	0.652761	0.815204	0.725545	0.817772	0.706049	0.338916
0.638394	0.811179	0.630964	0.807758	0.72257	0.667797	0.724395	0.792713	0.732971	0.82408
0.57107	0.719225	1.082548	0.74665	0.769799	0.716119	0.827622	0.74534	0.743978	0.67162
0.48944	0.732641	0.886141	0.689885	0.742529	0.959418	0.774235	0.526921	0.776101	0.57422
0.488064	0.864825	0.653486	0.596411	0.66666	0.792953	0.776819	0.591668	0.819548	0.819753
0.685526	0.528026	0.795824	0.73587	0.397262	0.469056	0.749208	0.695003	0.510949	0.746011
0.689876	0.602042	0.697015	0.54852	0.583375	0.476842	0.595217	0.729851	0.615229	0.595956
0.523096	0.641367	0.683389	0.546221	0.71687	0.594132	0.58677	0.629918	0.726975	0.75581
0.344352	0.567675	0.927553	0.888876	0.842005	0.891438	0.681768	0.641222	0.657761	0.780007
0.365066	0.629484	0.786566	0.79132	0.487379	0.663751	0.744371	0.632716	0.691539	0.577494
0.497086	0.629484	0.702372	0.473209	0.404925	0.724143	0.543795	0.482342	0.730563	0.461395
0.637424	0.652553	0.700221	0.499858	0.559871	0.655771	0.751647	0.642178	0.736609	0.882984
0.452472	0.564299	0.591644	0.523871	0.356387	0.34225	0.548365	0.632716	0.563222	0.684041
0.525336	0.901607	0.673191	0.453626	0.76219	0.741855	0.499872	0.652829	0.726975	0.690387
0.666469	0.545381	0.585836	0.766503	1.334565	0.884688	0.928865	0.665763	0.555931	0.555078
0.712309	0.488861	0.602642	0.804975	0.600359	0.597576	0.63634	0.466099	0.443344	0.560575
0.596761	0.44648	0.423954	0.765235	0.519231	0.520903	0.519484	0.431781	0.286829	0.656577
0.624068	0.667219	0.580104	0.63031	0.501631	0.631736	0.576846	0.758892	0.484945	0.624294
0.519389	0.493121	0.401816	0.495755	0.484053	0.399121	0.367492	0.626214	0.560778	0.383326
0.334596	0.526482	0.544959	0.454863	0.310061	0.501767	0.562372	0.326126	0.586719	0.562158

0.397837	0.719225	0.683389	0.720755	0.484717	0.682263	0.669452	0.40827	0.657761	0.581622
0.532885	0.481851	0.551003	0.844143	0.584209	0.387242	0.522359	0.490359	0.450217	0.402116
0.648214	0.486746	0.460666	0.514532	0.620749	0.304996	0.403807	0.511783	0.36682	0.457015
0.509896	0.320038	0.520881	0.375277	0.358863	0.460775	0.477191	0.387029	0.244833	0.719013
0.551558	0.585841	0.488082	0.539394	0.510694	0.387242	0.396189	0.632716	0.556735	0.512736
0.421341	0.407284	0.354813	0.512405	0.250048	0.358393	0.336324	0.364753	0.448959	0.406527
0.466622	0.415561	0.56807	0.491017	0.294798	0.526005	0.480453	0.241971	0.265735	0.392888
0.760983	0.639364	0.865256	0.640638	0.599494	0.747923	0.646779	0.48168	0.425731	0.608127
0.575248	0.599299	0.451496	0.517384	0.457081	0.547035	0.537775	0.521092	0.433538	0.30341
0.516446	0.526482	0.345235	0.359079	0.429344	0.380372	0.36048	0.400525	0.530958	0.38755
0.380338	0.368647	0.395389	0.436072	0.467798	0.33228	0.442237	0.365764	0.480196	0.415487
0.3227	0.544577	0.380239	0.273656	0.37351	0.396392	0.305927	0.511075	0.493905	0.257024
0.382487	0.374581	0.475754	0.385716	0.343255	0.289838	0.338208	0.39616	0.370473	0.431625
0.41549	0.344675	0.502808	0.51667	0.284633	0.267037	0.255513	0.326126	0.337677	0.426372
0.457564	0.372413	0.558677	0.582062	0.514231	0.358892	0.352115	0.408829	0.521951	0.397749
0.401198	0.290413	0.412744	0.425523	0.418954	0.343211	0.342476	0.297954	0.443965	0.294755
0.525336	0.387256	0.315047	0.407935	0.509287	0.370523	0.426917	0.376526	0.46235	0.348023
0.693168	0.402045	0.426802	0.512405	0.485381	0.380372	0.450715	0.351819	0.635974	0.422905
0.473874	0.478389	0.288481	0.336805	0.249275	0.327612	0.335854	0.191709	0.322397	0.256631
0.377134	0.331689	0.2549	0.358582	0.363858	0.322076	0.37206	0.402724	0.29733	0.368859
0.409717	0.335148	0.458202	0.493041	0.410483	0.358892	0.390296	0.42651	0.35301	0.492681
0.473874	0.30869	0.456975	0.421488	0.51995	0.355909	0.413802	0.431192	0.390311	0.410984
0.384647	0.516579	0.477036	0.253324	0.350014	0.354424	0.338208	0.33077	0.428118	0.286269
0.408571	0.395726	0.349998	0.441444	0.403822	0.372063	0.398894	0.554166	0.443344	0.314029
0.435713	0.384469	0.380752	0.362571	0.485381	0.429148	0.344387	0.523996	0.461703	0.374485
0.328845	0.311969	0.323524	0.484999	0.361353	0.388843	0.329331	0.381221	0.375216	0.308245
0.363517	0.353898	0.352399	0.482352	0.442991	0.467772	0.467549	0.427092	0.357564	0.402665
0.331711	0.418555	0.318596	0.439646	0.392407	0.433867	0.468185	0.351819	0.337191	0.404868
0.274755	0.387816	0.264232	0.37117	0.352944	0.491489	0.473308	0.313379	0.343056	0.487976
0.396166	0.318603	0.32533	0.402959	0.31903	0.394763	0.367492	0.421878	0.440256	0.399927
0.462717	0.452937	0.44074	0.469349	0.496828	0.585639	0.459986	0.497841	0.454647	0.524211
0.373953	0.319081	0.375642	0.41579	0.412726	0.389378	0.341049	0.435925	0.418646	0.453913
0.393949	0.414369	0.308034	0.409048	0.386016	0.32994	0.411002	0.438311	0.375746	0.348507
0.411441	0.425828	0.373615	0.565766	0.496146	0.396937	0.35554	0.432961	0.370998	0.391815
0.259882	0.364912	0.315489	0.400766	0.34039	0.277667	0.392429	0.34501	0.319125	0.358812
0.412017	0.39744	0.383848	0.300596	0.231137	0.416431	0.382909	0.416725	0.284243	0.316274
0.420752	0.573646	0.472567	0.353648	0.502321	0.414158	0.396729	0.42651	0.345028	0.399381
0.348815	0.571932	0.430245	0.295415	0.441186	0.362399	0.331185	0.346944	0.342073	0.440523
0.355344	0.387256	0.296028	0.285237	0.390266	0.326222	0.271811	0.327051	0.395832	0.368351
0.458847	0.414964	0.313723	0.447492	0.455217	0.346109	0.369009	0.461658	0.446455	0.327679
0.428467	0.398013	0.385923	0.422063	0.404373	0.405184	0.439248	0.46419	0.402552	0.397206
0.338472	0.32631	0.37819	0.4192	0.293514	0.310318	0.328869	0.351819	0.277421	0.46582
0.309297	0.375668	0.384884	0.275292	0.407695	0.452031	0.38606	0.311141	0.405382	0.342249
0.314793	0.395157	0.384884	0.407379	0.401625	0.388843	0.414364	0.301431	0.383778	0.39128
0.284962	0.285961	0.357241	0.405164	0.307847	0.28308	0.233084	0.182983	0.275311	0.343685
0.426079	0.367042	0.414963	0.473856	0.471	0.313003	0.286225	0.365764	0.36734	0.452063
0.454374	0.378948	0.427374	0.40241	0.401077	0.448951	0.407113	0.382797	0.432933	0.428699

0.520868	0.361737	0.344289	0.410724	0.369929	0.338901	0.433921	0.314727	0.218934	0.395582
0.402889	0.43447	0.434297	0.394252	0.428177	0.415862	0.396189	0.315628	0.371523	0.461395
0.434497	0.414369	0.501449	0.503307	0.470358	0.508757	0.485061	0.329837	0.57818	0.478715
0.412017	0.456858	0.382297	0.344904	0.440586	0.475534	0.398352	0.247718	0.386488	0.372431
0.314793	0.470866	0.447281	0.250606	0.433452	0.467131	0.383433	0.393994	0.314033	0.343206
0.396723	0.550238	0.463145	0.339646	0.406031	0.59499	0.525254	0.547962	0.470851	0.413793
0.380874	0.44648	0.380239	0.394252	0.398349	0.439837	0.461238	0.537314	0.440256	0.420609
0.312495	0.385025	0.533849	0.534158	0.426433	0.482774	0.494428	0.464826	0.444586	0.449608
0.552354	0.445839	0.606083	0.50539	0.358863	0.474231	0.493077	0.338782	0.387577	0.452679
0.427869	0.453588	0.50349	0.449323	0.292234	0.371036	0.395111	0.436521	0.347507	0.383326
0.419577	0.514325	0.419998	0.342506	0.300404	0.303676	0.386587	0.446158	0.468874	0.463286
0.443082	0.572788	0.38958	0.465523	0.439389	0.472283	0.391361	0.489685	0.550344	0.597674
0.602981	0.44075	0.417753	0.400766	0.459579	0.457006	0.5476	0.496471	0.460411	0.558997
0.593246	0.470189	0.396454	0.434296	0.472288	0.375679	0.481108	0.583235	0.388669	0.467092
0.443701	0.435719	0.533849	0.543933	0.356881	0.558734	0.438653	0.483004	0.521951	0.599399
0.466622	0.430128	0.484804	0.57547	0.503013	0.657752	0.530366	0.485664	0.503054	0.595956
0.430869	0.420362	0.40398	0.439048	0.450899	0.616121	0.543795	0.437117	0.468874	0.524211
0.5063	0.545381	0.496724	0.486329	0.504399	0.628011	0.591818	0.483668	0.555129	0.557425
0.553949	0.644389	0.567279	0.592141	0.572681	0.608963	0.543795	0.553385	0.55273	0.514865
0.495686	0.521122	0.443701	0.49169	0.522114	0.45327	0.436872	0.455392	0.342564	0.496073
0.597644	0.40553	0.456975	0.537892	0.438792	0.510876	0.467549	0.484998	0.428118	0.65363
0.596761	0.472905	0.621913	0.615713	0.463353	0.596712	0.597783	0.544129	0.505908	0.591691
0.472546	0.423999	0.475754	0.654148	0.525017	0.496255	0.497823	0.478388	0.500926	0.526397
0.392293	0.512829	0.586661	0.582893	0.475524	0.564303	0.644862	0.518926	0.59631	0.571781
0.32364	0.626563	0.405066	0.491017	0.455217	0.590714	0.626146	0.446768	0.567325	0.536745
0.466622	0.460814	0.449684	0.547752	0.494107	0.547805	0.648704	0.536563	0.460411	0.434571
0.632607	0.569373	0.492049	0.4192	0.427595	0.411897	0.548365	0.54033	0.447705	0.380185
0.682291	0.493836	0.438973	0.470632	0.446015	0.411897	0.685953	0.521816	0.419819	0.632609
0.566932	0.422177	0.485458	0.620222	0.555944	0.47881	0.628903	0.637421	0.582429	0.62521
0.483282	0.417955	0.529483	0.606833	0.571059	0.471636	0.524528	0.521092	0.561591	0.552744
0.460133	0.486043	0.633716	0.609478	0.49343	0.643107	0.488383	0.47382	0.582429	0.497438
0.592372	0.60296	0.600079	0.587913	0.517796	0.744272	0.51097	0.54033	0.618928	0.50502
0.511343	0.627535	0.522303	0.635913	0.572681	0.523811	0.55922	0.663748	0.570637	0.468368
0.605674	0.546187	0.50829	0.610363	0.558296	0.45389	0.583437	0.657758	0.618928	0.561366
0.704325	0.559284	0.534581	0.650245	0.553605	0.467131	0.707502	0.478388	0.40652	0.590843
0.664402	0.559284	0.511751	0.380465	0.476175	0.492846	0.601229	0.535814	0.466907	0.462655
0.547601	0.483942	0.634637	0.489672	0.352454	0.455757	0.529632	0.555731	0.470191	0.460139
0.575248	0.571077	0.717732	0.508183	0.383906	0.534894	0.609083	0.60904	0.558348	0.570971
0.801439	0.763437	0.69915	0.636854	0.602095	0.58396	0.546074	0.643135	0.668037	0.561366
0.727538	0.712078	0.526597	0.543933	0.626229	0.508053	0.557653	0.611707	0.576493	0.491331
0.62313	0.527254	0.500771	0.600723	0.579231	0.520179	0.642954	0.627137	0.483583	0.54277
0.690971	0.643379	0.579291	0.631239	0.710128	0.589016	0.477191	0.555731	0.484264	0.597674
0.562018	0.642372	0.441331	0.357096	0.442389	0.519457	0.45194	0.496471	0.36734	0.462024
0.514982	0.483244	0.467517	0.411284	0.355893	0.486106	0.595217	0.431781	0.372048	0.499492
0.602087	0.590281	0.64396	0.580405	0.472934	0.605427	0.633536	0.536563	0.499512	0.584952
0.537479	0.583199	0.572844	0.703945	0.567833	0.476188	0.477191	0.548733	0.622658	0.5951
0.478552	0.59207	0.50898	0.592992	0.625311	0.478153	0.519484	0.547962	0.630217	0.524211

0.514252	0.407284	0.4067	0.59727	0.533843	0.48477	0.692306	0.559668	0.396388	0.480683
0.600304	0.497424	0.444296	0.555493	0.481411	0.684369	0.675566	0.5994	0.368904	0.480683
0.484643	0.498146	0.533118	0.484999	0.410483	0.585639	0.497823	0.559668	0.403116	0.447776
0.495686	0.403784	0.525161	0.531933	0.498195	0.588169	0.596926	0.507553	0.271122	0.532279
0.567756	0.526482	0.604359	0.648307	0.558296	0.570757	0.646779	0.619808	0.503766	0.511323
0.72516	0.715637	0.537521	0.524598	0.500253	0.462672	0.466913	0.47382	0.635009	0.441724
0.558773	0.639364	0.510363	0.560995	0.614442	0.547805	0.41549	0.457887	0.676437	0.512736
0.542121	0.504692	0.37311	0.682498	0.604711	0.515861	0.55922	0.536563	0.612475	0.684041
0.492899	0.650497	0.756244	0.802209	0.721424	0.627085	0.562372	0.584909	0.669078	0.571781
0.383026	0.408456	0.589977	0.628458	0.570251	0.441042	0.563957	0.465462	0.4953	0.530064
0.412017	0.374038	0.683389	0.587072	0.536826	0.525273	0.599503	0.566846	0.443965	0.53154
0.518651	0.559284	0.731344	0.641589	0.638346	0.483439	0.648704	0.680137	0.617074	0.691454
0.492899	0.547803	0.431977	0.388366	0.601226	0.488117	0.540775	0.640269	0.701532	0.489315
0.449948	0.540579	0.361154	0.518817	0.706795	0.672908	0.678656	0.711516	0.658778	0.462024
0.590629	0.629484	0.487425	0.601591	0.494107	0.444066	0.737216	0.650873	0.510949	0.601999
0.516446	0.571932	0.515941	0.455483	0.548964	0.455757	0.604702	0.496471	0.734181	0.592541
0.426079	0.43447	0.581734	0.56417	0.515653	0.377758	0.590973	0.521816	0.618928	0.592541
0.611111	0.494551	0.665202	0.710591	0.53236	0.532654	0.617082	0.48102	0.539381	0.702269
0.762272	0.63737	0.789191	0.758951	0.686264	0.632673	0.599503	0.65381	0.673268	0.67162
0.557159	0.570224	0.554056	0.512405	0.662643	0.583123	0.462492	0.59252	0.805052	0.452679
0.538249	0.602042	0.551764	0.501235	0.556727	0.454512	0.465646	0.580737	0.695952	0.590843
0.58287	0.613188	0.504172	0.63031	0.53162	0.390986	0.600365	0.508255	0.630217	0.689323
0.544461	0.698127	0.607814	0.573024	0.662643	0.650856	0.541528	0.591668	0.61615	0.657564
0.584582	0.584078	0.679281	0.662061	0.611766	0.57402	0.707502	0.710395	0.542485	0.711119
0.532124	0.619824	0.860575	0.677298	0.554384	0.610741	0.727855	0.809257	0.632128	0.838823
0.650204	0.778316	0.931189	0.771611	0.645014	0.567518	0.556091	0.693924	0.643771	0.519872
0.597644	0.648452	0.601786	0.497119	0.513521	0.576484	0.468185	0.586589	0.710613	0.548112
0.699828	0.659824	0.360663	0.57547	0.601226	0.481449	0.572777	0.713766	0.624536	0.512736
0.739627	0.760786	0.527317	0.787306	0.753478	0.66577	0.752872	0.856729	0.75782	0.641086
0.74332	0.720428	0.799853	0.651218	0.670714	0.727628	0.715304	0.561253	0.676437	0.589152
0.669588	0.566828	0.648697	0.775482	0.618035	0.515145	0.715304	0.441915	0.584998	0.701175
0.815808	0.683503	0.75992	0.726506	0.582543	0.572386	0.756566	0.620717	0.625478	0.917525
0.731129	0.806749	0.734815	0.705046	0.730677	0.660741	0.599503	0.59423	0.691539	0.688262
0.618468	0.68907	0.626415	0.811967	0.79211	0.738254	0.551439	0.636476	0.760385	0.601131
0.767469	0.5885	0.429669	0.909554	0.794812	0.633611	0.690178	0.788673	0.670122	0.591691
0.693168	0.682398	0.565703	0.771611	0.884838	0.756563	0.834966	0.660743	0.754001	0.651676
0.629742	0.551868	0.57848	0.668092	0.605587	0.594132	0.684903	0.595946	0.553528	0.576674
0.639366	0.544577	0.654451	0.643498	0.53162	0.551677	0.709717	0.615289	0.445208	0.697911
0.721617	0.811179	0.704533	0.635913	0.535332	0.626161	0.657475	0.707051	0.664929	0.738805
0.599416	0.763437	0.597532	0.63217	0.706795	0.679122	0.510268	0.669822	0.577336	0.617935
0.605674	0.67366	0.465638	0.73351	0.701298	0.559525	0.556091	0.705941	0.626421	0.524211
0.630695	0.633409	0.440151	0.816217	0.883174	0.611633	0.703106	0.57908	0.606117	0.649732
0.535942	0.628508	0.539739	0.734688	0.969226	0.903509	0.610848	0.601137	0.694845	0.640136
0.501314	0.518844	0.600079	0.774188	0.620749	0.617929	0.775525	0.628989	0.545612	0.696828
0.590629	0.415561	0.707795	0.755224	0.584209	0.759063	1.000694	0.621628	0.558348	0.797376
0.593246	0.682398	0.556361	0.566567	0.536826	0.660741	0.769113	0.746555	0.643771	0.754573
0.612024	0.705046	0.564916	0.578754	0.595194	0.632673	0.524528	0.597669	0.630217	0.680902

0.747045	0.715637	0.559452	0.702847	0.660649	0.352945	0.576029	0.755154	0.75782	0.600264
0.644259	0.766105	0.636486	0.802209	0.731848	0.401316	0.611733	0.867844	0.740278	0.667557
0.659278	0.692444	0.649651	0.629383	0.63178	0.419289	0.518053	0.581568	0.618928	0.668569
0.786164	0.693575	0.650606	0.587072	0.545134	0.349025	0.596926	0.637421	0.642789	0.75581
0.802855	0.647433	0.614806	0.485664	0.644055	0.608963	0.771666	0.561253	0.408803	0.762048
0.630695	0.868197	0.733655	0.565766	0.669697	0.73587	0.557653	0.57908	0.487683	0.75581
0.56941	0.800912	0.746589	0.607713	0.683109	0.667797	0.46946	0.732198	0.584998	0.685092
0.56365	0.630462	0.555591	0.642543	0.701298	0.651835	0.603831	0.933709	0.724599	0.599399
0.431472	0.617917	0.435461	0.522421	0.548964	0.707126	0.813295	1.027337	0.812239	0.644907
0.548389	0.546994	0.536784	0.583726	0.50999	0.620656	0.7541	0.668803	0.628315	0.640136
0.681218	0.596574	0.568862	0.676266	0.596051	0.463306	0.778117	0.643135	0.546397	0.608127
0.632607	0.7414	0.640207	0.821948	0.723719	0.680166	0.981592	0.679094	0.515316	0.807024
0.535176	0.826281	0.654451	0.666072	0.743732	0.734683	0.674541	0.698255	0.559966	0.752109
0.632607	0.712078	0.617458	0.658087	0.593486	0.69614	0.572777	0.59423	0.692638	0.767104
0.665434	0.621739	0.539739	0.670121	0.620749	0.602794	0.508169	0.619808	0.559156	0.553521
0.540568	0.645401	0.53166	0.646377	0.599494	0.59585	0.637279	0.760146	0.634047	0.524938
0.678015	0.543775	0.4378	0.683546	0.588401	0.398027	0.665423	0.741717	0.708325	0.65363
0.577774	0.381148	0.49338	0.709477	0.517796	0.427392	0.684903	0.619808	0.605216	0.777396
0.557159	0.527254	0.747784	0.980318	0.677902	0.537897	0.749208	0.504059	0.486312	0.722441
0.612938	0.639364	0.748983	0.682498	0.76219	0.791599	0.552984	0.562047	0.613391	0.631677
0.660298	0.751631	0.59248	0.513822	0.613548	0.6234	0.536283	0.625293	0.716386	0.46773
0.759697	0.73888	0.557904	0.558628	0.764711	0.637384	0.755331	0.762663	0.519728	0.434571
0.683366	0.708548	0.669178	0.588756	0.653739	0.746702	0.720964	0.794068	0.58414	0.560575
0.659278	0.468163	0.543461	0.59727	0.389732	0.411334	0.643907	0.767742	0.553528	0.584952
0.763566	0.526482	0.523016	0.600723	0.465252	0.422743	0.709717	0.67289	0.431724	0.681946
0.620326	0.793723	0.657356	0.580405	0.553605	0.51443	0.553759	0.654794	0.520468	0.622468
0.562018	0.832472	0.686496	0.514532	0.474227	0.520903	0.352603	0.566846	0.618928	0.565342
0.612024	0.654618	0.506226	0.501924	0.465252	0.513005	0.428657	0.575783	0.645742	0.439924
0.530606	0.533473	0.491386	0.605955	0.559871	0.557156	0.651608	0.844366	0.618928	0.406527
0.494987	0.572788	0.421124	0.495755	0.381284	0.466491	0.696594	0.677016	0.69374	0.525667
0.487377	0.504692	0.563348	0.63031	0.594339	0.525273	0.681768	0.658751	0.568978	0.65461
0.648214	0.501043	0.706705	0.73587	0.633646	0.51443	0.729014	0.575783	0.461703	0.693596
0.576088	0.583199	0.713287	0.652192	0.530881	0.450796	0.472664	0.576605	0.483583	0.540501
0.581165	0.799464	0.747784	0.590445	0.603837	0.593275	0.369516	0.541087	0.735393	0.569355
0.689876	0.638365	0.52876	0.645415	0.539829	0.479469	0.50262	0.642178	0.519728	0.438729
0.593246	0.632424	0.561786	0.664062	0.575944	0.598441	0.639162	0.679094	0.638882	0.62797
0.532124	0.495267	0.530933	0.638742	0.638346	0.638333	0.640107	0.501977	0.630217	0.641086
0.525336	0.532691	0.656386	0.780697	0.566229	0.490137	0.627982	0.546425	0.533239	0.632609
0.535942	0.551052	0.79449	0.767774	0.614442	0.499692	0.665423	0.554948	0.58414	0.5951
0.481249	0.53899	0.639273	0.5896	0.539076	0.531911	0.642003	0.617091	0.620789	0.453296
0.454374	0.461477	0.435461	0.499172	0.483391	0.619745	0.458739	0.610816	0.803629	0.592541
0.650204	0.600212	0.487425	0.677298	0.550506	0.433274	0.529632	0.707051	0.618928	0.526397
0.630695	0.883703	0.673191	0.696318	0.690507	0.588169	0.613509	0.645057	0.656747	0.564544
0.387362	0.512829	0.511056	0.634974	0.57431	0.575661	0.627063	0.509663	0.597192	0.500179
0.507017	0.358585	0.420561	0.532673	0.536826	0.438038	0.571967	0.59252	0.524185	0.509914
0.596761	0.520361	0.572044	0.515243	0.670714	0.547805	0.604702	0.555731	0.468874	0.60901
0.527587	0.628508	0.655417	0.528984	0.723719	0.64988	0.546074	0.508255	0.461703	0.554299

0.56365	0.561784	0.520881	0.577931	0.758435	0.645031	0.37155	0.537314	0.68717	0.515577
0.766164	0.585841	0.429669	0.607713	0.508586	0.489463	0.552984	0.550278	0.572302	0.514154
0.644259	0.56514	0.499417	0.470632	0.535332	0.646964	0.626146	0.650873	0.664929	0.580793
0.649208	0.554326	0.567279	0.565766	0.616234	0.608076	0.5499	0.569265	0.544046	0.526397
0.633566	0.670427	0.701295	0.673182	0.672756	0.602794	0.482422	0.508959	0.534766	0.657564
0.557965	0.782464	0.563348	0.609478	0.602965	0.54935	0.376161	0.557301	0.4953	0.672642
0.513523	0.73888	0.530933	0.531933	0.570251	0.58648	0.515916	0.468658	0.509503	0.536745
0.670632	0.597481	0.440151	0.667081	0.64887	0.50735	0.495105	0.517488	0.631172	0.492006
0.667506	0.760786	0.556361	0.756463	0.596051	0.547805	0.641054	0.620717	0.567325	0.660538
0.542121	0.579701	0.534581	0.431939	0.502321	0.565908	0.5744	0.596807	0.598076	0.540501
0.51718	0.459492	0.597532	0.580405	0.567833	0.540164	0.529632	0.469942	0.503766	0.660538
0.47321	0.376759	0.67826	0.677298	0.590089	0.602794	0.610848	0.539574	0.419819	0.638242
0.527587	0.42339	0.600932	0.638742	0.624395	0.489463	0.520919	0.508959	0.580724	0.682992
0.614774	0.648452	0.564916	0.538642	0.672756	0.470344	0.462492	0.524726	0.628315	0.50781
0.714618	0.441383	0.466263	0.651218	0.595194	0.441042	0.611733	0.628062	0.576493	0.551194
0.686609	0.640364	0.614806	0.794017	0.710128	0.622483	0.640107	0.631782	0.570637	0.638242
0.519389	0.516579	0.63005	0.605955	0.650811	0.621569	0.539272	0.636476	0.621723	0.586627
0.523096	0.500317	0.597532	0.653169	0.428177	0.553235	0.567143	0.643135	0.486997	0.546579
0.633566	0.568523	0.809402	0.658087	0.575126	0.57484	0.587607	0.614391	0.532477	0.627048
0.620326	0.692444	0.669178	0.72535	0.586719	0.526739	0.539272	0.571698	0.559156	0.717877
0.522352	0.650497	0.553291	0.527517	0.551279	0.528948	0.514497	0.628989	0.580724	0.545052
0.250639	0.486746	0.506913	0.566567	0.500253	0.425061	0.570353	0.598534	0.534766	0.487308
0.22591	0.394019	0.498742	0.623864	0.67378	0.566712	0.548365	0.627137	0.551138	0.555859
0.470563	0.319559	0.416635	0.483673	0.472934	0.508053	0.403807	0.482342	0.48837	0.597674
0.500607	0.335148	0.56807	0.52825	0.47944	0.516577	0.515206	0.457262	0.41631	0.596815
0.545244	0.513576	0.67826	0.493041	0.594339	0.670857	0.623407	0.526921	0.623596	0.621557
0.5915	0.713261	0.621018	0.382034	0.56703	0.599309	0.508868	0.495787	0.563222	0.456393
0.685526	0.660873	0.525161	0.447492	0.668682	0.591566	0.440441	0.42826	0.544828	0.518436
0.745799	0.562621	0.436044	0.490344	0.593486	0.510168	0.55922	0.574145	0.495999	0.612558
0.673781	0.5885	0.497396	0.493041	0.604711	0.554799	0.537775	0.531345	0.641809	0.64683
0.561204	0.502499	0.660282	0.534902	0.50999	0.537144	0.501244	0.556515	0.533239	0.644907
0.597644	0.488155	0.764871	0.634037	0.572681	0.512294	0.498505	0.533574	0.543265	0.630747
0.697597	0.699273	0.688579	0.73587	0.768521	0.555583	0.674541	0.6189	0.524932	0.579966
0.686609	0.834034	0.565703	0.540902	0.694791	0.547035	0.642003	0.640269	0.560778	0.505715
0.748293	0.60296	0.631879	0.592992	0.603837	0.503156	0.569549	0.747773	0.663897	0.462655
0.739627	0.584078	0.6035	0.727666	0.68838	0.594132	0.61888	0.701533	0.598076	0.530801
0.586301	0.569373	0.663227	0.57547	0.64887	0.632673	0.645819	0.602881	0.624536	0.617935
0.634527	0.517333	0.682358	0.686704	0.628072	0.608963	0.61888	0.541846	0.471512	0.613449
0.715777	0.626563	0.682358	0.713953	0.838994	0.725302	0.634469	0.547193	0.505193	0.627048
0.469245	0.565984	0.568862	0.568977	0.68838	0.688613	0.63075	0.593374	0.607924	0.598536
0.498491	0.548613	0.519464	0.569783	0.605587	0.587324	0.580953	0.596807	0.686085	0.598536
0.692068	0.587612	0.558677	0.906039	0.706795	0.561908	0.717559	0.769021	0.75527	0.696828
0.612938	0.59567	0.620125	0.668092	0.645974	0.605427	0.580129	0.507553	0.665962	0.600264
0.556354	0.491697	0.607814	0.553156	0.413851	0.493525	0.633536	0.468017	0.581576	0.613449
0.665434	0.549424	0.621018	0.564968	0.478131	0.557156	0.751647	0.538066	0.588447	0.773507
0.650204	0.740138	0.602642	0.558628	0.633646	0.733499	0.581779	0.609928	0.59631	0.758294
0.497086	0.888997	0.660282	0.493041	0.551279	0.62894	0.39781	0.477078	0.547183	0.661534

0.627842	0.623662	0.542714	0.726506	0.662643	0.537144	0.510268	0.650873	0.682845	0.50851
0.617541	0.579701	0.604359	0.782011	0.860523	0.752839	0.5851	0.877602	1.07495	0.645868
0.634527	0.519602	0.541224	0.76271	0.640241	0.628011	0.638219	0.468658	0.704915	0.604615
0.749546	0.584078	0.683389	0.870749	0.585881	0.524542	0.65551	0.569265	0.537068	0.600264
0.812895	0.750339	0.823418	0.783329	0.721424	0.61432	0.562372	0.699345	0.69374	0.782634
0.650204	0.521883	0.688579	0.590445	0.715739	0.69075	0.585934	0.638368	0.765561	0.639188
0.71116	0.788057	0.607814	0.60246	0.588401	0.680166	0.566344	0.628062	0.789647	0.618838
0.744558	0.871595	0.662243	0.853348	0.672756	0.786227	0.678656	0.922622	0.770799	0.637298
0.590629	0.876743	0.849847	0.890562	0.932363	0.923184	0.873677	1.029666	1.193182	0.655593
0.723976	0.638365	0.644903	0.588756	0.740132	0.709357	0.757805	0.710395	0.743978	0.72359
0.841381	0.837174	0.772405	0.743027	0.728346	0.734683	0.923383	0.791362	0.586719	0.663532
0.727538	0.786652	0.913306	0.695239	0.782784	0.846253	1.071214	1.041497	0.797982	0.615238
0.604774	0.743935	0.582551	0.568977	0.625311	0.676004	0.648704	0.866238	0.864546	0.53154
0.753325	0.779695	0.532389	0.731163	0.695869	0.64988	0.661431	0.691774	0.800796	0.659544
0.926717	0.892563	0.832051	1.052461	0.894959	0.957434	0.902121	0.92445	0.861288	0.642992
0.658261	0.675828	0.747784	0.772897	0.748578	0.812359	0.674541	0.678054	0.831502	0.630747
0.667506	0.584078	0.717732	0.858025	0.63085	0.545499	0.746783	0.649898	0.627367	0.738805
0.574409	0.537407	1.079969	1.052461	0.834517	0.698315	0.910854	0.863046	0.754001	0.915731
0.660298	0.571077	0.820579	0.719614	0.846561	0.729967	0.666426	0.856729	0.982114	0.701175
0.690971	0.740138	0.824845	0.684596	0.860523	0.64988	0.609083	0.699345	0.80221	0.565342
0.957992	0.691316	0.683389	0.731163	0.91237	0.688613	0.63634	0.778081	0.664929	0.584952
1.033026	1.069012	0.798506	0.74665	0.804403	0.66577	0.837939	0.92445	0.90928	0.801485
0.700948	0.629484	0.626415	0.79132	0.698032	0.584798	0.676594	0.645057	0.737829	0.791957
0.659278	0.692444	0.701295	0.9824	0.751021	0.680166	0.814706	0.918988	0.623596	0.871516
0.794429	0.846733	0.827713	0.709477	0.748578	1.021303	1.187593	1.168809	1.017835	1.046315
0.783443	1.023147	0.786566	0.875618	0.696949	0.778291	0.817543	0.935585	1.039298	0.794658
0.786164	0.881952	0.708888	0.931266	0.965195	0.786227	0.638219	0.863046	0.920292	0.669584
1.223468	1.17502	0.971328	1.080313	1.053917	0.900026	0.800793	0.809257	1.08029	0.835834
0.849199	1.06367	0.88779	0.920274	0.836004	1.186791	0.8753	0.629918	0.716386	0.674692
0.617541	0.699273	0.808025	1.001603	0.595194	0.654783	1.034524	0.871072	0.554327	0.472865
0.899311	1.061023	1.128916	0.904291	0.765978	0.557944	0.63075	1.128893	0.845357	0.913944
0.940123	1.082662	0.913306	0.882196	0.763449	0.721835	0.519484	0.995989	1.116704	0.891365
0.798621	1.27056	0.797163	0.902551	0.983637	0.657752	0.667433	0.731023	0.88121	0.620649
1.296508	1.573303	0.655417	0.995107	1.298533	0.791599	0.813295	0.71264	0.826981	0.691454
1.148214	1.310842	0.955597	0.705046	0.955278	1.104465	0.936284	0.613494	0.927792	0.989716
0.791656	0.53899	0.810784	0.96803	0.696949	0.766653	0.925202	0.751448	0.891525	0.903377
0.911886	0.425828	0.904633	1.04276	0.76219	1.01674	1.297062	0.99169	0.803629	0.983394
1.018807	1.210755	0.991829	0.911322	1.269285	1.310211	2.182815	1.429806	1.341209	1.071196
0.779394	1.371118	0.940415	0.888876	0.945583	1.190161	1.044009	1.071282	1.260919	0.964963
1.160962	1.387592	0.918594	1.052461	1.152998	1.001137	0.772949	1.188547	1.093937	0.7748
0.915546	1.168212	0.940415	0.78864	1.226968	1.372455	1.29279	1.178566	1.032025	0.850989
0.764863	0.798022	0.955597	0.814795	0.730677	0.910561	0.905593	0.75022	0.837606	0.716743
0.824663	0.61131	0.81356	0.96803	0.695869	0.536393	0.967296	0.832345	0.556735	0.659544
0.632607	0.818664	1.069803	0.8518	0.905321	0.750374	1.016154	0.836814	0.845357	1.131535
0.714618	0.758151	0.795824	0.638742	0.66666	0.79841	0.80354	0.910035	1.169451	1.032044
0.807129	0.827821	0.634637	0.688822	0.681019	0.795673	0.640107	0.844366	0.914751	0.844863
1.040313	0.881952	0.688579	1.019415	0.957244	0.764108	0.67148	1.048754	0.920292	0.782634

0.991694	1.350083	1.312439	0.988707	0.746148	0.981866	0.813295	1.092338	0.975732	0.922951
0.797219	0.933848	0.902919	0.73351	0.537574	0.616121	0.83645	0.887585	0.756544	0.720153
0.915546	0.736374	0.781363	0.885523	0.754712	0.558734	1.005055	0.872696	0.628315	0.850989
0.812895	0.683503	0.585012	0.66306	0.840497	0.802548	0.883505	0.974907	0.877826	1.143467
0.630695	0.732641	0.599229	0.703945	0.805791	0.788905	0.683856	0.721734	1.069674	1.117067
0.801439	0.758151	0.525161	0.780697	0.961201	0.782241	0.58677	0.711516	1.024872	0.819753
1.033026	0.962323	0.755025	0.970054	0.765978	0.706015	0.670465	0.929982	0.967365	0.697911
0.600304	0.896158	0.752598	0.703945	0.849625	0.787564	0.687005	0.596807	0.83302	0.727054
0.545244	0.562621	0.663227	0.67216	0.686264	0.721835	0.745576	0.722884	0.736609	0.71336
0.637424	0.668286	0.849847	0.666072	0.707903	0.688613	0.741973	0.762663	0.702657	0.81832
0.684445	0.746486	0.747784	0.74665	0.983637	0.766653	0.653555	0.779391	0.84224	0.736429
0.515714	0.881952	0.610423	0.588756	0.655702	0.761578	0.485724	0.493744	0.678562	0.559785
0.726347	0.687951	0.476395	0.67216	0.304329	0.461407	0.505386	0.544893	0.636941	0.472865
0.753325	0.754227	0.551003	0.76271	0.474227	0.596712	0.639162	0.678054	0.723416	0.649732
0.546028	0.643379	0.555591	0.541658	0.582543	0.583123	0.600365	0.574963	0.694845	0.678822
0.552354	0.585841	0.565703	0.346349	0.538325	0.543968	0.695518	0.570886	0.609739	0.636356
0.579466	0.5288	0.472567	0.468709	0.656687	0.606308	0.833487	0.692848	0.777437	0.728215
0.598529	0.562621	0.552527	0.393176	0.552828	0.600177	0.62159	0.608155	0.525681	0.626128
0.530606	0.712078	0.607814	0.466795	0.489387	0.597576	0.446455	0.523268	0.571468	0.460139
0.713462	0.657734	0.515941	0.668092	0.469716	0.524542	0.41268	0.744129	0.663897	0.411544
0.658261	0.685721	0.549484	0.608595	0.503013	0.421012	0.374106	0.598534	0.544046	0.552744
0.596761	0.532691	0.518051	0.519536	0.424695	0.409648	0.539272	0.572512	0.360116	0.415487
0.465316	0.436344	0.500771	0.492365	0.440586	0.368478	0.625231	0.495787	0.474831	0.546579
0.485325	0.607579	0.57525	0.51667	0.464618	0.414158	0.546837	0.48767	0.628315	0.621557
0.305221	0.547803	0.708888	0.496436	0.498195	0.51443	0.479145	0.359733	0.547971	0.579141
0.455648	0.508372	0.501449	0.492365	0.484053	0.497627	0.342476	0.468658	0.54093	0.566142
0.526085	0.565984	0.328509	0.46807	0.492078	0.569135	0.470099	0.584909	0.576493	0.532279
0.440612	0.560949	0.336327	0.433116	0.503706	0.472931	0.531101	0.468658	0.559156	0.534506
0.524588	0.509111	0.50349	0.657099	0.626229	0.531911	0.579306	0.596807	0.502343	0.567746
0.526085	0.623662	0.529483	0.587072	0.512812	0.540164	0.624318	0.60639	0.527182	0.64683
0.406859	0.502499	0.518051	0.468709	0.542853	0.591566	0.51734	0.614391	0.585858	0.669584
0.471223	0.503228	0.470035	0.428427	0.543612	0.568326	0.447061	0.56046	0.565679	0.53302
0.685526	0.703886	0.526597	0.619317	0.57187	0.532654	0.414364	0.687506	0.580724	0.462024
0.667506	0.656693	0.541224	0.567369	0.537574	0.578962	0.535539	0.529127	0.419819	0.484646
0.485325	0.477011	0.486768	0.606833	0.507186	0.345141	0.515916	0.54033	0.502343	0.47029
0.483282	0.491697	0.565703	0.744231	0.547428	0.291544	0.477841	0.602881	0.478177	0.681946
0.468588	0.517333	0.537521	0.578754	0.564631	0.473581	0.41268	0.489685	0.634047	0.684041
0.443082	0.545381	0.56807	0.522421	0.552828	0.666782	0.441637	0.507553	0.559156	0.62338
0.55475	0.629484	0.492049	0.514532	0.658663	0.542442	0.456254	0.626214	0.505908	0.462655
0.58287	0.669355	0.574446	0.469349	0.439987	0.536393	0.444039	0.552607	0.607019	0.441724
0.4999	0.503228	0.478965	0.482352	0.401625	0.492846	0.511673	0.538819	0.692638	0.348993
0.470563	0.477699	0.458202	0.605079	0.53236	0.430323	0.573587	0.576605	0.454647	0.393425
0.576088	0.61131	0.589145	0.644455	0.602965	0.350002	0.46946	0.434737	0.460411	0.528593
0.475205	0.649473	0.657356	0.479064	0.486712	0.417572	0.382909	0.380696	0.366301	0.488645
0.436322	0.471545	0.574446	0.512405	0.503706	0.468413	0.419455	0.462922	0.36114	0.442325
0.582017	0.50616	0.641142	0.640638	0.589244	0.506648	0.370024	0.637421	0.537837	0.501557
0.524588	0.532691	0.602642	0.508883	0.51995	0.59499	0.466913	0.529865	0.510949	0.639188

0.482603	0.622699	0.598379	0.518817	0.568638	0.544732	0.493077	0.507553	0.501634	0.460767
0.601195	0.590281	0.504172	0.622039	0.575126	0.520179	0.444039	0.456638	0.482904	0.481341
0.561204	0.604801	0.636486	0.582062	0.602095	0.547035	0.485061	0.519647	0.45211	0.542012
0.491512	0.453588	0.694891	0.582893	0.412726	0.554017	0.58677	0.45291	0.435969	0.62521
0.34782	0.518088	0.562566	0.484336	0.413288	0.566712	0.492404	0.535066	0.614309	0.622468
0.401198	0.456202	0.58337	0.46999	0.528673	0.474882	0.447061	0.520369	0.636941	0.655593
0.449948	0.331689	0.455141	0.457971	0.496828	0.467772	0.434509	0.581568	0.459767	0.513445
0.530606	0.449696	0.534581	0.558628	0.562245	0.330407	0.369516	0.593374	0.445831	0.426372
0.559582	0.621739	0.746589	0.657099	0.634582	0.409088	0.422883	0.626214	0.518989	0.51629
0.539021	0.465476	0.589145	0.61303	0.613548	0.492846	0.581779	0.467377	0.54093	0.620649
0.594122	0.447764	0.610423	0.666072	0.596051	0.611633	0.592665	0.456014	0.559156	0.725896
0.483282	0.509852	0.57525	0.532673	0.48273	0.632673	0.515916	0.444942	0.68717	0.565342
0.58976	0.534257	0.533849	0.587072	0.57431	0.558734	0.646779	0.526188	0.645742	0.557425
0.427272	0.481851	0.470035	0.434296	0.566229	0.399669	0.50331	0.569265	0.461057	0.460767
0.384647	0.557625	0.488082	0.408491	0.551279	0.520903	0.441039	0.535814	0.55273	0.52276
0.469245	0.586726	0.536048	0.606833	0.584209	0.610741	0.504001	0.484332	0.589314	0.691454
0.584582	0.543775	0.564132	0.578754	0.586719	0.543968	0.575213	0.544893	0.466253	0.711119
0.722795	0.529576	0.6035	0.70066	0.544372	0.610741	0.694444	0.602881	0.459767	0.649732
0.526835	0.488155	0.755025	0.679371	0.499566	0.766653	0.78864	0.543367	0.68717	0.700084
0.587164	0.60388	0.702372	0.716209	0.676868	0.643107	0.782033	0.741717	0.590182	0.585789
0.635491	0.597481	0.482849	0.555493	0.563039	0.604548	0.51734	0.534319	0.703785	0.536745
0.55475	0.607579	0.588316	0.461102	0.521392	0.693976	0.552211	0.508255	0.818076	0.464551
0.624068	0.892563	0.776222	0.565766	0.622568	0.744272	0.814706	0.659746	0.559156	0.581622
0.810003	0.871595	0.741841	0.829221	0.661645	0.475534	0.667433	0.722884	0.591052	0.62521
0.852365	0.634396	0.559452	0.763971	0.763449	0.553235	0.724395	0.644095	0.540155	0.804246
0.760983	0.632424	0.763628	0.807758	0.625311	0.684369	0.724395	0.529865	0.606117	0.930294
0.791656	0.680197	0.697015	0.675236	0.639292	0.61522	0.740779	0.570886	0.653718	0.785278
0.719272	0.703886	0.639273	0.661064	0.568638	0.537144	0.642003	0.561253	0.653718	0.684041
0.762272	0.926044	0.933019	0.609478	0.659655	0.555583	0.5744	0.539574	0.821024	0.737615
0.707729	0.90898	0.746589	0.737054	0.644055	0.762841	0.776819	0.772881	0.776101	0.797376
0.919238	0.896158	0.580918	0.899092	0.774946	0.762841	0.706398	0.819207	0.686085	0.629819
1.050225	0.814158	0.762389	0.807758	0.727184	0.650856	1.018408	0.795427	0.542485	0.912165
0.913712	0.693575	0.860575	0.867533	0.873322	0.512294	0.843947	0.872696	0.704915	0.847915
0.797219	0.878472	0.743023	0.681453	0.786756	0.528948	0.525254	0.732198	0.685002	0.677786
0.620326	0.943805	0.79449	0.690951	0.801641	0.630802	0.681768	0.530604	0.730563	0.772219
0.448065	0.808221	0.981457	0.647341	0.590089	0.642148	0.580953	0.561253	0.866184	0.97102
0.613855	0.916481	0.940415	0.756463	0.678938	0.751604	0.778117	0.788673	0.797982	0.93965
0.919238	0.821695	0.778785	0.832165	0.749798	0.637384	0.912621	0.882565	0.759101	0.82408
1.30095	0.927982	0.84683	1.107283	0.753478	0.609851	0.975408	0.700438	0.544828	0.809821
0.911886	0.854864	1.050157	1.118558	1.095192	0.749146	0.85934	0.845892	0.737829	0.728215
0.838293	0.871595	0.692777	0.715079	0.830085	0.873122	0.624318	0.728682	0.748961	0.675721
0.670632	0.657734	0.729046	0.648307	0.48207	0.945714	0.775525	0.652829	0.623596	0.819753
0.716938	0.608509	0.817758	0.826297	0.594339	1.210952	0.880204	0.524726	0.791025	1.22289
2.05143	1.07715	1.164908	1.544146	1.249538	0.849329	0.902121	0.698255	0.764261	0.800111
1.187639	1.030463	0.764871	1.014893	1.056385	0.889741	1.025242	0.810665	0.793795	0.575854
0.926717	0.778316	0.834966	0.962014	0.822797	0.726463	1.426084	1.092338	0.629265	0.837326
0.883661	0.815655	1.085143	1.163656	0.961201	0.671881	0.857776	0.863046	0.611561	0.889676

0.899311	0.90898	0.979412	0.710591	0.77108	0.726463	0.719826	0.722884	0.609739	0.711119
0.932412	0.96443	0.901212	0.778082	0.625311	0.86027	0.707502	0.673918	0.583283	0.838823
0.846055	0.812666	1.137638	0.974131	0.917732	1.028238	0.799425	1.051201	0.864546	1.184678
0.938183	0.851593	0.610423	0.850258	0.983637	0.963414	0.86091	1.349687	0.95511	0.826989
0.921096	0.749051	0.408888	0.79132	1.037024	0.799784	0.910854	0.896083	0.689349	0.728215
0.974516	0.779695	0.662243	0.806364	0.730677	0.721835	0.900395	0.643135	0.534766	0.873135
0.944031	0.829366	0.993933	0.862753	0.794812	0.704906	0.710828	0.717163	0.690443	0.682992
0.534411	0.774208	0.717732	0.590445	0.879865	0.837153	0.639162	0.693924	0.559966	0.640136
0.480573	0.592967	0.688579	0.686704	0.63646	0.783566	0.747994	0.620717	0.63791	0.69467
0.404586	0.551052	0.673191	0.616611	0.513521	0.826771	0.711943	0.720587	0.709467	0.82408
0.5915	0.713261	0.648697	0.721899	0.590936	0.698315	0.731341	0.958748	0.668037	0.551968
0.820212	0.892563	0.606083	0.682498	0.743732	0.526739	0.515916	0.911811	0.747709	0.5951
0.670632	0.649473	0.57525	0.775482	0.682063	0.444674	0.624318	0.8583	0.555931	0.72359
0.705457	0.652553	0.623708	0.711709	0.788089	0.711599	0.94958	0.918988	0.925905	1.056097
0.529094	0.696985	0.482199	0.455483	0.715739	0.762841	0.676594	0.719443	0.587582	0.690387
0.674836	0.551868	0.436044	0.473856	0.604711	0.64988	0.73251	0.652829	0.4967	0.630747
0.776716	0.504692	0.574446	0.637797	0.782784	0.648906	0.687005	0.644095	0.58414	0.712238
0.832182	0.841927	0.507601	0.642543	0.721424	0.624318	0.583437	0.679094	0.644755	0.559785
0.607479	0.775573	0.727901	0.553156	0.696949	0.912342	0.631677	0.518926	0.699292	0.569355
0.703197	0.779695	0.529483	0.660069	0.764711	0.54935	0.65258	0.621628	0.575651	0.602869
0.698711	0.837174	0.712183	0.74665	0.709014	0.492167	0.67148	0.680137	0.647722	0.687203
0.556354	0.599299	0.633716	0.60246	0.545898	0.458887	0.52598	0.581568	0.558348	0.61078
0.523841	0.45099	0.618345	0.580405	0.522838	0.501767	0.597783	0.57908	0.438414	0.562158
0.612024	0.602042	0.550242	0.543173	0.545898	0.520179	0.724395	0.668803	0.495999	0.593392
0.687696	0.650497	0.561007	0.594698	0.584209	0.627085	0.605575	0.595946	0.622658	0.601999
0.444944	0.524177	0.776222	0.527517	0.646937	0.73706	0.589287	0.674949	0.654725	0.498806
0.50487	0.592967	0.636486	0.684596	0.77108	0.554799	0.452553	0.711516	0.635009	0.423481
0.726347	0.581447	0.697015	0.727666	0.797531	0.616121	0.437465	0.546425	0.613391	0.50502
0.471884	0.332675	0.507601	0.636854	0.555163	0.516577	0.476541	0.547193	0.452743	0.491331
0.5063	0.473587	0.409437	0.668092	0.598631	0.377238	0.679691	0.602008	0.4967	0.53302
0.908256	0.751631	0.652524	0.680411	0.661645	0.667797	0.826168	0.786001	0.702657	0.74966
0.707729	0.811179	0.886141	0.592141	0.644055	0.853984	0.767842	0.654794	0.676437	0.736429
0.645244	0.759466	0.683389	0.573024	0.642144	0.666782	0.585934	0.784671	0.867828	0.530064
0.658261	0.975122	0.68133	0.62113	0.681019	0.608963	0.531838	0.728682	0.75782	0.524211
0.722795	0.676916	0.769879	0.70066	0.603837	0.746702	0.4844	0.550278	0.644755	0.53302
0.614774	0.585841	0.726759	0.836618	0.842005	0.900026	0.734856	0.595946	0.65171	0.426372
0.583725	0.60296	0.750185	0.806364	0.768521	0.555583	0.759047	0.690703	0.764261	0.643948
0.585441	0.907125	0.989735	0.867533	0.681019	0.567518	0.87045	0.820648	0.846924	0.930294
0.514252	0.62078	0.851364	0.836618	0.774946	0.642148	0.791312	0.666774	0.90567	1.272864
0.617541	0.749051	0.690673	0.59727	0.715739	0.653798	0.907339	0.788673	1.210963	0.97923
0.625009	0.781077	0.695952	0.695239	0.512812	0.624318	0.774235	0.698255	0.911096	1.051179
0.621259	0.60388	0.706705	0.749083	0.539829	0.651835	0.555312	0.725194	0.647722	0.762048
0.666469	0.745209	0.717732	0.634974	0.821354	0.610741	0.63075	0.901262	0.682845	0.617935
0.674836	0.826281	0.955597	0.775482	0.889869	0.713853	0.759047	0.727516	0.60074	0.642038
0.775383	0.725272	0.823418	0.785976	0.76219	0.706015	0.769113	0.575783	0.524932	0.551968
0.775383	0.56514	0.730193	0.789978	0.621658	0.573202	0.770388	0.713766	0.611561	0.773507
0.668546	0.646416	0.563348	0.555493	0.593486	0.840165	0.693374	0.566043	0.69374	0.597674

0.832182	0.643379	0.486768	0.783329	0.749798	0.832673	0.868845	0.639318	0.665962	0.678822
0.693168	0.707378	0.57767	0.563374	0.620749	0.59242	0.531838	0.554948	0.678562	0.631677
0.546814	0.747766	0.613047	0.379423	0.486046	0.571571	0.436872	0.541846	0.702657	0.677786
0.539794	0.869892	0.791832	0.55238	0.75595	0.801164	0.667433	0.679094	0.761674	0.701175
0.664402	0.737625	0.777501	0.792666	0.746148	0.693976	0.708608	0.670842	0.639855	0.776096
0.635491	0.638365	0.677242	0.872366	0.656687	0.513717	0.648704	0.689635	0.624536	0.692524
0.63165	0.575368	0.955597	0.795372	0.592634	0.566712	0.633536	0.619808	0.730563	0.706671
0.748293	0.703886	0.669178	0.67216	0.668682	0.557156	0.5744	0.711516	0.77477	0.783954
0.593246	0.67366	0.538259	0.564968	0.634582	0.531911	0.601229	0.562047	0.606117	0.570971
0.502023	0.580573	0.50829	0.604204	0.604711	0.764108	0.632605	0.445549	0.570637	0.612558
0.550764	0.693575	0.886141	0.747865	0.66767	0.86027	0.747994	0.554166	0.982114	1.018226
0.876882	0.747766	0.951751	0.792666	0.609992	0.652815	0.710828	0.763927	0.660818	0.826989
0.674836	0.658778	0.544959	0.770328	0.77108	0.565105	0.675566	0.87925	0.412829	0.575854
0.62313	0.493836	0.608682	0.494396	0.502321	0.538651	0.752872	0.509663	0.564858	0.796015
0.742085	0.60388	0.627321	0.443853	0.540583	0.476842	0.665423	0.661742	0.736609	0.804246
0.530606	0.621739	0.56649	0.513113	0.523563	0.543968	0.545313	0.6126	0.740278	0.60549
0.387362	0.522646	0.59248	0.557842	0.522114	0.597576	0.620685	0.479044	0.649711	0.677786
0.539794	0.580573	0.882862	0.875618	0.692643	0.792953	0.809087	0.584071	0.856447	0.809821
0.654214	0.683503	0.619234	0.706149	0.647902	0.495571	0.714181	0.726354	0.68717	0.606367
0.766164	0.80382	0.595841	0.682498	0.663644	0.421012	0.548365	0.678054	0.623596	0.586627
0.815808	0.596574	0.602642	0.70066	0.580884	0.371549	0.542282	0.588275	0.420406	0.594245
0.722795	0.570224	0.773674	0.758951	0.541338	0.57484	0.692306	0.687506	0.702657	0.684041
0.497086	0.626563	0.611296	0.644455	0.604711	0.569135	0.61798	0.468017	0.506625	0.509212
0.553151	0.515075	0.367091	0.407935	0.386016	0.593275	0.560006	0.359234	0.432328	0.567746
0.593246	0.510595	0.497396	0.534158	0.413288	0.534894	0.537775	0.551829	0.544046	0.776096
0.655222	0.622699	0.798506	0.802209	0.518513	0.430323	0.441637	0.56046	0.577336	0.62338
0.571902	0.80382	0.643018	0.639689	0.451513	0.410771	0.436872	0.48767	0.555931	0.498122
0.629742	0.647433	0.649651	0.628458	0.3908	0.557944	0.635403	0.571698	0.491129	0.482
0.602981	0.482547	0.533849	0.727666	0.573495	0.673938	0.591818	0.812077	0.734181	0.541256
0.545244	0.506896	0.502808	0.427263	0.389732	0.388308	0.335854	0.537314	0.575651	0.514154
0.615694	0.570224	0.463767	0.473856	0.474227	0.40463	0.425761	0.54033	0.4572	0.476756
0.588027	0.491697	0.448481	0.616611	0.656687	0.479469	0.705298	0.627137	0.505908	0.64683
0.609291	0.584078	0.504856	0.708365	0.64887	0.618836	0.614399	0.643135	0.625478	0.770935
0.484643	0.584959	0.599229	0.515243	0.519231	0.572386	0.487051	0.508959	0.571468	0.659544
0.420164	0.557625	0.614806	0.56417	0.548196	0.578134	0.524528	0.567651	0.551933	0.463918
0.480573	0.594767	0.542714	0.568172	0.63178	0.61432	0.562372	0.518926	0.559156	0.515577
0.523841	0.713261	0.666192	0.562579	0.444803	0.519457	0.591818	0.549505	0.463647	0.435755
0.595	0.560949	0.468145	0.513822	0.552828	0.493525	0.470739	0.460398	0.480871	0.474158
0.5915	0.477699	0.468145	0.514532	0.715739	0.625238	0.623407	0.591668	0.627367	0.667557
0.454374	0.496704	0.607814	0.658087	0.735379	0.726463	0.667433	0.628989	0.623596	0.617034
0.545244	0.515075	0.610423	0.760201	0.487379	0.654783	0.705298	0.602881	0.510225	0.652652
0.516446	0.60296	0.591644	0.574653	0.556727	0.502461	0.604702	0.551053	0.4656	0.511323
0.453105	0.695845	0.680304	0.543173	0.693716	0.658746	0.57116	0.520369	0.544828	0.503631
0.534411	0.485342	0.488082	0.520976	0.478131	0.438637	0.533315	0.469942	0.481548	0.543529
0.43389	0.481851	0.458816	0.434296	0.334715	0.343693	0.459986	0.466099	0.474166	0.432801
0.472546	0.468837	0.431399	0.443853	0.472288	0.534894	0.52598	0.635533	0.434145	0.570971
0.535176	0.518088	0.521591	0.596411	0.525746	0.642148	0.560793	0.526188	0.444586	0.615238

0.582017	0.398013	0.4378	0.605955	0.514231	0.476842	0.564751	0.527655	0.418646	0.473511
0.394502	0.360158	0.403438	0.519536	0.413288	0.580621	0.573587	0.483004	0.493905	0.487308
0.525336	0.474269	0.612171	0.665066	0.497511	0.667797	0.62159	0.479044	0.474166	0.540501
0.645244	0.472224	0.544959	0.651218	0.555163	0.556369	0.477191	0.409388	0.431724	0.423481
0.454374	0.523411	0.51524	0.447492	0.454598	0.479469	0.347751	0.421878	0.392511	0.487308
0.380874	0.635385	0.497396	0.483673	0.483391	0.566712	0.481108	0.506152	0.521951	0.499492
0.49082	0.524944	0.49338	0.457971	0.47944	0.45018	0.477191	0.537314	0.515316	0.48266
0.549971	0.505425	0.427374	0.469349	0.481411	0.492846	0.4544	0.507553	0.458482	0.411544
0.599416	0.562621	0.525161	0.460474	0.412726	0.513005	0.48308	0.449828	0.468874	0.549651
0.648214	0.602042	0.589977	0.46807	0.503706	0.508757	0.527437	0.609928	0.591924	0.571781
0.774054	0.638365	0.56807	0.497119	0.440586	0.405184	0.426917	0.48036	0.569806	0.480026
0.670632	0.636376	0.679281	0.631239	0.377638	0.543968	0.552211	0.503364	0.587582	0.524211
0.739627	0.933848	1.232439	0.980318	0.718004	0.846253	0.864067	0.79953	0.580724	0.601999
0.924835	1.27056	1.013346	1.313501	1.0845	0.70824	0.664421	0.836814	0.71755	0.581622
0.938183	0.910844	0.686496	1.030931	1.156101	0.682263	0.821834	0.845892	0.560778	0.633542
1.037871	1.27056	0.827713	1.251102	1.18841	0.878041	0.96931	0.679094	0.446455	0.945362
1.028234	1.099628	0.920371	0.798094	0.959218	0.992466	0.848508	0.758892	0.722237	0.831389
1.442141	0.835601	1.146539	1.01265	0.907073	1.028238	1.036876	0.838314	0.694845	1.289474
1.191091	1.025572	1.399706	1.183094	1.223318	1.571375	1.781457	1.499656	1.241019	1.532724
1.084094	1.404714	1.197362	1.199984	1.861596	1.232787	1.036876	1.5066	1.286069	1.036749
1.073388	1.985197	0.959476	1.52919	2.280252	0.91954	1.020674	1.205949	1.159665	0.962963
1.24268	2.113101	0.884498	1.223724	1.34406	0.829712	1.252233	1.655425	0.967365	1.076348
1.494625	1.148833	1.777604	1.0649	1.103387	1.133169	1.009461	0.867844	1.346137	1.268809
0.853957	1.030463	1.054986	0.859595	0.784104	0.791599	1.025242	0.95677	0.85166	1.525375
0.944031	0.724056	0.772405	1.317997	0.808579	0.783566	1.020991	1.851494	1.273312	1.179505
1.23482	1.599846	2.031545	2.25609	1.238106	1.01674	1.47496	1.123065	1.085698	1.063581
1.018807	3.073333	1.211054	1.057394	1.123134	1.110056	0.977459	0.954801	1.131564	0.825532
0.915546	0.929928	0.938554	1.183094	1.156101	0.879694	0.682811	1.159267	1.294786	0.71336
1.014169	0.970814	0.894449	1.008197	0.94367	1.093495	1.27611	1.793579	1.995698	1.433744
0.657245	0.939794	0.991829	0.873989	0.833034	0.884688	1.366765	0.90475	0.900312	1.165171
0.968245	1.082662	0.834966	1.808149	1.159226	0.928708	1.48809	1.359553	1.06706	1.464297
1.151366	0.851593	0.882862	1.514731	1.181753	1.003332	1.837283	1.261686	1.116704	1.749172
1.145084	0.935821	1.232439	0.80359	1.095192	1.093495	1.092127	1.219946	1.366425	1.103065
0.832182	1.203369	1.079969	0.77678	0.945583	1.037662	0.711943	1.566557	1.237147	0.725896
0.921096	1.564804	1.117552	0.875618	0.924986	0.99678	0.739588	1.168809	1.1761	1.191381
1.00958	1.428649	2.197632	1.0649	0.928659	1.255779	0.945739	0.684332	0.805052	1.149558
1.117891	1.008875	1.101045	1.08823	1.023049	0.803936	0.764051	0.892664	1.085698	0.831389
1.753932	1.053179	0.806653	1.2507	2.110842	0.828239	1.025242	0.952841	0.935423	0.891365
0.715777	1.06367	1.777604	1.937394	1.400355	1.247979	0.821834	0.726354	1.186268	0.894763
0.593246	0.926044	2.05518	0.817642	0.917732	1.816289	1.108501	0.863046	1.256866	1.191381
0.687696	1.06367	0.991829	0.73351	1.100638	1.244131	0.903853	1.303461	1.761983	0.887993
1.474193	2.342955	1.171207	1.052461	1.013977	1.157581	0.971333	0.852052	1.172763	1.208603
1.254425	0.897967	0.855945	0.888876	0.706795	0.663751	0.624318	0.94317	0.866184	0.814049
0.892286	0.966548	0.778785	0.770328	0.57431	0.709357	0.489719	0.841329	0.846924	0.767104
1.201618	1.001912	0.827713	1.258922	0.919534	1.160731	1.034524	1.282072	1.022513	0.664535
1.078708	1.050596	1.383889	1.430929	0.68521	0.879694	0.985765	0.769021	0.80648	0.908629
0.592372	0.814158	1.221615	0.816217	0.93798	0.943791	0.873677	0.790016	1.322041	0.809821

0.458847	0.812666	0.998173	0.783329	1.373859	1.124357	0.840933	0.970811	1.1761	1.241437
0.742085	1.158197	1.024518	1.121423	0.641191	0.855547	0.888503	0.889271	1.214608	1.215688
1.000545	0.966548	0.87317	0.756463	0.753478	0.961411	0.973365	1.117314	0.94911	0.844863
1.15774	1.048028	0.876377	0.878895	0.891559	0.912342	0.779418	0.917183	0.764261	0.822633
0.964115	1.253789	1.187368	1.069977	0.934227	1.019015	0.787311	1.043903	0.992964	1.188017
0.740854	0.766105	1.026787	0.95805	0.845037	0.834161	0.789974	0.610816	0.995167	1.078947
0.663373	0.786652	1.069803	0.769049	0.889869	0.912342	0.633536	0.307143	1.099517	0.838823
0.675893	1.279194	1.247303	1.033271	1.13781	0.91413	0.87045	0.766467	0.979976	0.837326
0.719272	0.798022	0.909816	0.861171	0.684158	0.556369	0.602962	0.913594	0.759101	0.80842
0.833702	0.922193	0.750185	0.78864	0.936099	0.843198	0.572777	0.882565	0.719887	0.611668
1.187639	1.350083	0.78526	1.021694	1.353768	0.803936	0.873677	1.369649	0.91659	1.293728
1.09507	1.274855	1.258795	1.341207	0.898386	0.692898	0.998529	0.838314	0.68177	1.252957
0.821691	0.863149	0.989735	1.040368	0.743732	0.826771	0.774235	0.703732	0.740278	0.991844
0.582017	0.849967	0.89613	0.920274	0.765978	1.01674	0.745576	0.642178	0.796582	0.881327
0.811447	1.001912	0.836432	1.442816	0.921344	0.684369	1.197721	0.874325	0.537068	0.752109
0.694271	0.566828	0.79449	0.946368	0.765978	0.682263	0.975408	0.853605	0.764261	0.782634
0.715777	0.718026	0.817758	0.56417	0.672756	0.79841	0.622498	0.871072	0.88806	0.737615
0.812895	1.07442	0.933019	0.587072	1.325273	0.893142	0.854665	0.798158	0.821024	0.507111
0.72516	0.730171	0.711082	0.641589	0.694791	0.756563	0.79535	0.700438	0.741508	0.769654
0.823174	0.554326	0.595841	0.769049	0.563039	0.54935	0.726698	0.761402	0.756544	0.712238
0.722795	0.56514	0.934856	0.821948	0.476826	0.756563	0.880204	0.541846	0.68177	0.768377
0.668546	0.645401	0.983512	0.916671	0.811386	0.731141	0.78864	0.958748	0.544828	0.734066
0.932412	0.783856	0.713287	0.69957	0.677902	0.788905	0.670465	0.660743	0.766865	0.675721
0.661321	0.918377	0.855945	0.609478	0.63085	0.778291	0.613509	0.644095	0.82999	0.573406
0.486692	1.12639	0.791832	0.576289	0.801641	0.866649	0.810485	0.856729	0.702657	0.649732
0.695377	0.785252	0.755025	0.688822	0.727184	0.692898	0.971333	0.966753	0.703785	0.854084
0.880259	0.751631	0.68133	0.813379	0.785428	0.850875	0.813295	0.744129	0.544828	1.002642
0.592372	0.48745	0.766118	0.813379	0.396179	0.778291	0.766574	0.753915	0.569806	0.731716
0.863635	0.778316	0.801205	0.877253	0.647902	0.550124	0.746783	0.732198	0.618	0.62338
0.745799	0.599299	0.556361	0.675236	0.555944	0.721835	0.609083	0.596807	0.75527	0.768377
0.671679	0.649473	0.772405	0.510289	0.460833	0.849329	0.80492	0.692848	0.799387	0.840325
0.609291	0.61131	0.942284	1.033271	0.834517	0.947646	0.885164	0.882565	0.382698	0.529328
0.689876	0.728941	0.832051	0.934993	0.851165	0.578962	0.489719	0.933709	0.752735	0.545815
0.722795	0.90898	0.615688	0.69957	0.790765	0.508757	0.514497	0.670842	0.403116	0.773507
0.728732	0.61131	0.631879	0.583726	0.592634	0.499692	0.654532	0.691774	0.659797	0.90164
0.688785	0.541376	0.646796	0.698483	0.834517	0.622483	0.5476	0.666774	0.699292	0.492681
0.672729	0.593866	0.573644	0.522421	0.561452	0.508757	0.631677	0.449828	0.435969	0.658553
0.654214	0.632424	0.614806	0.713953	0.525017	0.61522	0.590129	0.491034	0.539381	0.719013
0.695377	0.56514	0.781363	0.61303	0.495466	0.710476	0.568745	0.736931	0.649711	0.47029
0.700948	0.70621	0.555591	0.659077	0.512812	0.501767	0.443438	0.42943	0.609739	0.545052
0.686609	0.712078	0.476395	0.673182	0.53162	0.362399	0.466913	0.535814	0.532477	0.638242
0.818739	0.564299	0.389056	0.633103	0.365368	0.390449	0.726698	0.562844	0.368382	0.632609
0.858769	0.715637	0.552527	0.780697	0.675836	0.612527	0.623407	0.657758	0.517516	0.436348
0.488751	0.598389	0.455751	0.57547	0.558296	0.442249	0.451327	0.552607	0.511674	0.633542
0.635491	0.535829	0.556361	0.588756	0.441787	0.456381	0.444039	0.532086	0.416893	0.563747
0.549179	0.367042	0.75381	0.542415	0.42239	0.520903	0.546074	0.45477	0.498104	0.591691
0.583725	0.621739	0.649651	0.670121	0.560661	0.536393	0.417185	0.414454	0.478849	0.416053

0.331232	0.516579	0.618345	0.486996	0.561452	0.62987	0.424032	0.422454	0.538609	0.343206
0.436933	0.670427	0.533849	0.638742	0.53162	0.381948	0.439248	0.48036	0.558348	0.556642
0.767469	0.516579	0.457588	0.586233	0.472934	0.526005	0.596926	0.787335	0.674322	0.849449
0.784801	0.633409	0.486768	0.521698	0.386545	0.460145	0.455017	0.497841	0.469532	0.600264
0.501314	0.710898	0.557904	0.655129	0.535332	0.345141	0.5851	0.602881	0.412829	0.636356
0.603877	0.44075	0.580104	0.502615	0.586719	0.411897	0.63634	0.638368	0.57818	0.744802
0.617541	0.544577	0.56807	0.49169	0.696949	0.68968	0.481108	0.459769	0.698176	0.69467
0.383566	0.449051	0.636486	0.434296	0.452128	0.645031	0.601229	0.409388	0.553528	0.597674
0.5915	0.503959	0.436044	0.396413	0.511399	0.578134	0.453783	0.725194	0.638882	0.714485
0.617541	0.845126	0.648697	0.590445	0.53236	0.607191	0.540775	0.690703	0.776101	0.858769
0.558773	0.567675	0.79051	0.590445	0.425274	0.659743	0.546837	0.479044	0.440872	0.445951
0.611111	0.546994	0.430822	0.543173	0.491403	0.513717	0.521639	0.505454	0.435969	0.393425
0.680148	0.512829	0.44074	0.854902	0.598631	0.490813	0.645819	0.939361	0.803629	0.629819
0.74332	0.686834	0.544959	0.732335	0.818483	0.786227	0.787311	0.568457	0.778777	0.642992
0.451208	0.665093	0.824845	0.760201	0.68521	0.846253	0.674541	0.471877	0.716386	0.769654
0.341402	0.600212	0.88779	0.596411	0.675836	0.681213	0.553759	0.847424	0.839145	0.72359
0.588893	0.802364	0.572044	0.479064	0.939868	0.787564	0.592665	0.657758	0.597192	0.53154
0.509896	0.480463	0.773674	0.671139	0.759683	0.624318	0.421738	0.585748	0.629265	0.586627
0.664402	0.790881	0.653486	0.535648	0.87822	0.521629	0.387643	0.65381	0.662869	0.635416
1.246476	0.953995	0.670178	0.660069	0.639292	0.559525	0.663422	0.658751	0.742741	0.815468
0.734751	0.863149	0.86369	0.681453	0.570251	0.698315	0.793999	0.537314	0.682845	1.022783
0.697597	0.661924	0.78526	0.830691	0.669697	0.778291	0.910854	0.622542	0.712913	0.75581
0.497788	0.899783	0.817758	0.523145	0.84809	0.857116	0.723249	0.697168	0.975732	0.924775
0.760983	1.142003	0.808025	0.873989	0.833034	0.713853	0.807694	0.702631	0.701532	0.935883
0.814349	0.751631	0.8306	0.604204	0.633646	0.716119	0.516627	0.59252	0.682845	0.720153
0.970326	0.826281	0.687536	0.624779	0.921344	0.699407	0.398352	0.92445	0.854845	0.689323
1.167479	0.878472	0.836432	1.115712	1.111741	1.196982	0.905593	0.952841	0.871135	0.744802
0.760983	0.767445	0.925747	1.005988	0.681019	1.057144	0.902121	0.59423	0.547183	0.691454
0.544461	1.00422	0.889445	0.839612	0.605587	1.190161	0.925202	0.507553	0.793795	0.841833
0.687696	1.02801	0.776222	0.946368	0.866875	0.900026	0.747994	0.701533	0.670122	0.496755
0.693168	0.647433	0.585012	0.719614	0.63552	0.644068	0.766574	0.646987	0.665962	0.643948
0.919238	1.025572	0.672184	0.543933	0.699118	0.704906	0.609083	0.867844	0.762966	0.702269
0.881956	0.740138	0.40398	0.585396	0.733022	0.741855	0.724395	0.952841	0.629265	0.750883
0.635491	0.750339	0.555591	0.510289	0.559083	0.648906	0.80354	0.667788	0.528688	0.533763
0.647222	0.634396	0.80392	0.743027	0.509287	0.569135	0.607325	0.513202	0.588447	0.518436
0.414909	0.827821	0.791832	0.50539	0.610878	0.676004	0.520919	0.403275	0.627367	0.728215
0.545244	0.678007	0.780072	0.702847	0.497511	0.45018	0.563164	0.403275	0.373102	0.438729
0.270989	0.387816	0.574446	0.54929	0.472288	0.398027	0.37206	0.38756	0.442106	0.444739
0.454374	0.521122	0.502808	0.35463	0.542095	0.456381	0.364473	0.500594	0.478849	0.458262
0.535942	0.326796	0.417193	0.413531	0.486046	0.526739	0.475893	0.449828	0.489747	0.433398
0.425484	0.257673	0.452101	0.524598	0.413851	0.352945	0.351142	0.453529	0.386488	0.360803
0.514982	0.382805	0.393797	0.372193	0.368403	0.350002	0.347269	0.296657	0.35301	0.378104
0.309297	0.444561	0.473839	0.362071	0.354416	0.45327	0.420595	0.261829	0.385945	0.400473
0.344352	0.294459	0.422254	0.454863	0.358863	0.410209	0.477841	0.354276	0.327114	0.38702
0.28068	0.338134	0.465638	0.50539	0.432863	0.373609	0.429822	0.347429	0.399739	0.40875
0.259476	0.518844	0.42852	0.351689	0.425274	0.426808	0.447061	0.422454	0.4967	0.344165
0.330276	0.515826	0.457588	0.422637	0.346139	0.368988	0.464382	0.354276	0.367861	0.343206

0.455648	0.376759	0.319042	0.391031	0.418954	0.371036	0.357509	0.447378	0.374687	0.323081
0.387362	0.266475	0.285994	0.421488	0.386016	0.398027	0.345826	0.38756	0.310823	0.445345
0.384647	0.271158	0.496053	0.55238	0.346139	0.326685	0.342953	0.323362	0.253554	0.326755
0.395611	0.269876	0.342402	0.362071	0.311395	0.328077	0.403258	0.267847	0.324749	0.292192
0.255839	0.350288	0.402356	0.32059	0.384433	0.363911	0.309889	0.309804	0.356548	0.279598
0.317567	0.524944	0.467517	0.440244	0.301273	0.395306	0.333981	0.388093	0.355534	0.315375
0.240811	0.438856	0.344761	0.388366	0.313626	0.336525	0.225737	0.382797	0.314033	0.209799
0.268082	0.322921	0.372605	0.384134	0.339914	0.27519	0.327486	0.363744	0.209426	0.277534
0.420752	0.438856	0.346183	0.454863	0.437599	0.289412	0.366483	0.353784	0.315878	0.296042
0.312037	0.36972	0.337722	0.391031	0.374023	0.393141	0.364975	0.329372	0.276998	0.402665
0.338472	0.341644	0.461904	0.366091	0.319937	0.454512	0.354559	0.358238	0.25879	0.344165
0.356357	0.269876	0.426802	0.318323	0.332373	0.394222	0.357016	0.410508	0.39196	0.403765
0.308843	0.300828	0.368588	0.358086	0.345657	0.401316	0.36048	0.384379	0.365782	0.351915
0.325998	0.365976	0.356754	0.545457	0.566229	0.400217	0.452553	0.465462	0.446455	0.371919
0.464015	0.472224	0.418874	0.483012	0.438195	0.315254	0.397269	0.403827	0.478849	0.517004
0.396166	0.333168	0.374627	0.438451	0.422965	0.485437	0.453168	0.472523	0.394723	0.62521
0.433284	0.376759	0.599229	0.59727	0.41498	0.420437	0.627982	0.613494	0.474831	0.566943
0.527587	0.382805	0.601786	0.605079	0.487379	0.441042	0.500558	0.48036	0.521208	0.448386
0.373953	0.422177	0.477678	0.419771	0.434042	0.601048	0.495783	0.484332	0.420406	0.370386
0.408	0.531131	0.392739	0.487663	0.442389	0.526005	0.451327	0.578253	0.504479	0.548881
0.52985	0.566828	0.492714	0.580405	0.684158	0.58648	0.371041	0.406599	0.444586	0.542012
0.460133	0.546187	0.375642	0.499172	0.517081	0.511584	0.394037	0.471231	0.452743	0.392888
0.442463	0.521883	0.422254	0.482352	0.46716	0.504549	0.556091	0.470586	0.399179	0.458887
0.499195	0.532691	0.461904	0.577931	0.500942	0.541681	0.5744	0.430017	0.433538	0.477408
0.525336	0.592967	0.497396	0.470632	0.420097	0.368478	0.494428	0.397792	0.40995	0.548881
0.319893	0.319081	0.471299	0.466795	0.412726	0.390449	0.489719	0.38916	0.505908	0.551968
0.392844	0.368647	0.316818	0.462361	0.559871	0.400217	0.429239	0.408829	0.527182	0.527128
0.401761	0.445839	0.591644	0.520976	0.504399	0.515145	0.44585	0.409388	0.45211	0.474806
0.384106	0.442651	0.405066	0.465523	0.460206	0.470989	0.467549	0.513914	0.484264	0.38755
0.495686	0.511338	0.506913	0.5181	0.602965	0.536393	0.401617	0.65578	0.551138	0.349478
0.778053	0.503959	0.571247	0.642543	0.621658	0.559525	0.237179	0.486332	0.533239	0.562158
0.738402	0.509852	0.453922	0.705046	0.471	0.526739	0.623407	0.650873	0.553528	0.66554
0.700948	0.7414	0.884498	0.753989	0.619842	0.787564	0.806305	0.705941	1.006353	0.765834
1.266627	1.138835	0.834966	1.040368	0.876581	0.751604	0.917969	1.249899	0.731765	0.763306
1.662838	1.210755	0.922156	1.157366	1.095192	0.658746	0.759047	0.98532	0.922155	0.924775
1.037871	1.436796	2.05518	1.127211	1.339287	1.023602	0.916179	0.99169	1.953582	1.260811
1.717497	2.457909	1.282004	2.122229	1.292042	2.1122	1.157245	1.80735	2.222886	1.844256
1.28345	0.818664	1.120365	1.244797	1.894413	1.042451	1.272038	1.780232	1.528115	1.573084
1.538619	0.924114	1.207591	1.413689	0.84809	0.926858	1.698277	1.591361	2.466671	0
1.961002	0.951938	0.938026	0.949678	1.316176	1.496776	0.463429	0.231715	0	0
2.566339	0.970724	0.961331	0.955504	0.952591	0	0	0	0	0
0.989509	0.980116	2.106697	1.413689	0	0	0	0	0	0
1.231003	0.490058	0.245029	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0
0	0	1.552588	0	0	1.750079	0.503216	1.019466	1.690706	0.945362
0.137099	1.022886	1.225193	1.600966	0.897476	1.006432	2.340176	4.697212	1.535716	0.991844
1.323866	1.599846	0.820579	0.774188	1.020764	1.29703	0.9921	0.666774	0.588447	0.874761
0.62313	0.431364	0.520881	0.489672	0.336127	0.513005	0.523804	0.506852	0.392511	0.405973
0.337014	0.375668	0.386444	0.403509	0.381284	0.455134	0.344866	0.443123	0.383778	0.26097
0.334596	0.370257	0.330336	0.468709	0.42876	0.401316	0.347269	0.378606	0.333325	0.31046
0.339935	0.310561	0.543461	0.43726	0.569443	0.655771	0.455017	0.558878	0.675378	0.711119
0.721617	0.708548	0.979412	0.689885	0.718004	0.70824	0.717559	0.714895	0.65071	0.886317
0.522352	0.423999	0.713287	0.658087	0.472288	0.2835	0.362971	0.327514	0.303125	0.615238
0.566109	0.591175	0.485458	0.387834	0.37712	0.314802	0.401617	0.496471	0.339625	0.310905
0.411441	0.378948	0.249547	0.368116	0.350014	0.313902	0.479145	0.422454	0.477506	0.407637
0.424296	0.351832	0.222657	0.412968	0.313179	0.519457	0.5744	0.466099	0.368382	0.354366
0.546028	0.684611	0.834966	1.18642	1.128945	2.283231	0.23305	0.300716	0.895018	0.773507
0.00939	0.004695	0.002347	0.001174	5.87E-04	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

100	101	102	103	104	105	106	107	108	109
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.707202	1.344807	1.244234	0.427207	0.640811	0.883262	0.441631	0.754214	1.211235	1.466071
1.325278	0.85311	1.062897	0.854414	1.090419	0.943652	1.862351	1.594291	1.066797	1.688349
1.012373	1.171564	0.948906	0.479233	0.621165	0.727097	0.886443	0.621692	0.849279	1.048232
0.515151	1.422289	0.800493	0.270727	0.666782	0.99353	0.560957	0.49682	0.842987	0.58343
0.62742	0.963651	1.068039	0.905551	0.797979	0.855147	0.946379	0.610344	0.621526	0.484902
0.612814	0.539901	0.750416	0.551118	0.59237	0.715333	0.761172	0.657631	0.634857	0.688995
0.564444	0.731539	0.583092	0.500747	0.673854	0.596295	0.487357	1.041823	0.975211	0.501359
0.791246	0.809615	0.70552	0.432629	0.560632	0.777624	0.915378	0.98963	0.878776	0.750167
0.408291	0.69086	0.715742	0.375822	0.555949	0.928222	0.704697	0.506265	0.522953	0.458787
0.116552	0.399272	0.550479	0.419856	0.461436	0.895389	0.92867	0.556841	0.630049	0.819932
0.518028	0.789399	0.956842	0.686217	0.637715	0.75289	0.843184	0.738631	1.08007	0.802809
0.820649	0.717924	0.67101	0.934505	0.779405	0.661891	0.734477	0.797649	0.657687	0.802809
0.50593	0.776427	0.552053	0.473369	0.666782	0.525608	0.336714	0.4531	0.506816	0.695503
0.570102	0.577838	0.491107	0.37634	0.523066	0.60073	0.459645	0.621692	1.048872	0.924773
0.555699	0.546625	0.643885	0.693676	0.525954	0.717661	0.81114	0.846244	0.74549	1.315182
0.682794	0.46579	0.470372	0.640151	0.529592	0.652752	0.92867	0.976421	0.636795	0.797248
0.446957	0.446235	0.552053	0.675779	0.44791	0.673329	0.715184	0.602023	0.609503	0.846953
1.005668	0.796034	0.86676	0.996774	0.799336	0.557493	0.650643	0.638293	0.6938	0.550907
0.536455	0.683574	0.533534	0.617024	0.62388	0.589293	0.738191	0.50188	0.717705	0.437157
0.373822	0.69402	0.744236	0.575802	0.624789	0.828743	0.657818	0.472367	0.736844	0.692237
0.663205	0.527477	0.587346	0.655626	0.958494	0.626435	0.693335	0.767138	0.724784	0.72606
0.665226	0.479119	0.598606	0.429692	0.644325	0.453254	0.477012	0.611278	0.490562	0.501359
0.68069	0.388154	0.482291	0.555788	0.666782	0.431587	0.744454	0.623612	0.614088	0.527278
0.665226	0.461437	0.712308	0.890075	0.972446	0.498715	0.704697	0.666038	0.769865	0.622263
0.607462	0.608854	0.557606	0.548802	0.525954	0.513045	0.480433	0.446649	0.428009	0.500661
0.536455	0.394472	0.741789	0.521211	0.283973	0.505105	0.570149	0.526564	0.328121	0.605955

0.609239	0.473993	0.595982	0.517613	0.631204	0.696038	0.669337	0.566015	0.511886	0.724889
0.47741	0.398736	0.444386	0.497315	0.596612	0.582402	0.602578	0.786304	0.496147	0.412548
0.551781	0.596856	0.455604	0.448225	0.411354	0.487583	0.346696	0.577978	0.850866	0.607737
0.579145	0.436194	0.221289	0.558928	0.51522	0.477399	0.336714	0.534329	0.522953	0.654846
0.499659	0.502285	0.523085	0.450061	0.796625	0.427979	0.547925	0.552735	0.417331	0.561212
0.456246	0.430394	0.514325	0.37376	0.532525	0.454525	0.368435	0.47101	0.473558	0.567678
0.490081	0.302555	0.39446	0.393765	0.422629	0.327396	0.522222	0.546244	0.375998	0.43117
0.492796	0.448031	0.579718	0.478577	0.579887	0.467448	0.445473	0.462959	0.56531	0.617671
0.425441	0.50025	0.348205	0.390544	0.536218	0.420263	0.325512	0.365687	0.549137	0.53779
0.417926	0.488238	0.304618	0.393227	0.417519	0.331213	0.237466	0.313667	0.341692	0.326996
0.390714	0.385028	0.194525	0.445182	0.444893	0.383613	0.265436	0.302498	0.437112	0.381765
0.261731	0.349182	0.341843	0.254398	0.392833	0.505821	0.247393	0.293855	0.451453	0.508405
0.384833	0.345375	0.358179	0.386287	0.305237	0.311537	0.431135	0.285381	0.260637	0.273376
0.382714	0.343485	0.403325	0.302722	0.389645	0.261414	0.425046	0.332452	0.345152	0.344171
0.442689	0.401962	0.33942	0.426195	0.430118	0.345338	0.389087	0.389721	0.404626	0.372317
0.362074	0.435028	0.36684	0.346345	0.396582	0.486211	0.43918	0.360931	0.38788	0.367668
0.383772	0.442665	0.27489	0.451905	0.467094	0.496606	0.380271	0.479214	0.440808	0.303771
0.388567	0.548133	0.498709	0.406337	0.560632	0.683995	0.497955	0.422975	0.549931	0.390881
0.37694	0.370232	0.393912	0.400279	0.351654	0.386325	0.433595	0.429081	0.422044	0.330754
0.354085	0.326829	0.305511	0.382071	0.329897	0.326921	0.444207	0.385251	0.382439	0.476241
0.558066	0.483004	0.421032	0.562092	0.555949	0.359427	0.314592	0.420557	0.525201	0.575897
0.453749	0.575417	0.426901	0.359089	0.339223	0.324555	0.425046	0.279241	0.406909	0.381235
0.320306	0.35641	0.442544	0.252837	0.281903	0.442595	0.355364	0.237741	0.288037	0.312279
0.416781	0.425239	0.463889	0.339634	0.510999	0.53241	0.243793	0.517425	0.496147	0.432361
0.370726	0.431548	0.428085	0.341064	0.426069	0.398463	0.344179	0.405739	0.459127	0.381235
0.356566	0.382441	0.248241	0.359089	0.296606	0.283171	0.314123	0.38916	0.342184	0.379648
0.337581	0.340196	0.283725	0.411357	0.475398	0.495206	0.497955	0.342914	0.207633	0.343685
0.273488	0.377312	0.363253	0.356609	0.500624	0.44508	0.455085	0.22757	0.385151	0.342229
0.218734	0.269905	0.363763	0.382071	0.335936	0.257756	0.379726	0.357267	0.307616	0.321418
0.358061	0.355924	0.356166	0.415302	0.45462	0.435835	0.441686	0.426629	0.261864	0.252786
0.270212	0.569822	0.509295	0.339159	0.370994	0.45772	0.491565	0.372111	0.456554	0.502059
0.323983	0.415667	0.392272	0.294499	0.331283	0.432192	0.477694	0.45245	0.487796	0.346611
0.345754	0.33277	0.38901	0.434992	0.418649	0.39125	0.453791	0.426018	0.422044	0.331699
0.47741	0.386068	0.371497	0.421001	0.404727	0.403528	0.361589	0.360406	0.470236	0.353518
0.38008	0.324565	0.359695	0.357104	0.219667	0.342378	0.456383	0.325614	0.325267	0.259541
0.325833	0.376803	0.396109	0.362084	0.403632	0.443215	0.27991	0.333931	0.384607	0.28511
0.34237	0.405212	0.548911	0.439757	0.414706	0.57815	0.419637	0.323681	0.517016	0.469694
0.419073	0.379357	0.374105	0.333495	0.358006	0.356877	0.407855	0.305263	0.402922	0.414832
0.424276	0.35254	0.316828	0.373245	0.356532	0.242645	0.339188	0.329508	0.330034	0.359526
0.524572	0.445638	0.351173	0.393765	0.437738	0.414419	0.373775	0.395944	0.375998	0.465813
0.426608	0.407939	0.292308	0.370683	0.328056	0.313833	0.358984	0.312255	0.276021	0.536273
0.352603	0.405212	0.331758	0.256357	0.336873	0.370302	0.374313	0.310379	0.390627	0.438969
0.426608	0.559617	0.488375	0.393227	0.443094	0.613392	0.507353	0.317454	0.44516	0.496495
0.381659	0.391301	0.437065	0.394304	0.360969	0.486896	0.468242	0.31793	0.319147	0.332646
0.338534	0.297011	0.269099	0.313783	0.302197	0.437668	0.373238	0.402256	0.367556	0.373877
0.423115	0.414554	0.217624	0.400826	0.494516	0.518912	0.433595	0.446649	0.467596	0.525797
0.440872	0.370232	0.390638	0.413044	0.413027	0.440125	0.477694	0.41576	0.340708	0.48155

0.492115	0.357383	0.425132	0.415302	0.352139	0.460293	0.437933	0.394238	0.508981	0.593681
0.452506	0.498225	0.575538	0.525568	0.364951	0.478743	0.48319	0.371572	0.514077	0.613128
0.53872	0.431548	0.496623	0.472076	0.34301	0.408653	0.468242	0.352086	0.471562	0.408579
0.363588	0.346799	0.321903	0.372732	0.314488	0.346826	0.399223	0.516672	0.546762	0.413689
0.330026	0.42638	0.350182	0.347796	0.491828	0.411527	0.437933	0.491108	0.458482	0.416554
0.403275	0.488238	0.492479	0.450061	0.508904	0.438281	0.444839	0.528879	0.364951	0.408014
0.484033	0.344902	0.414091	0.465672	0.518769	0.419088	0.374313	0.434029	0.470898	0.417129
0.586686	0.404669	0.460045	0.577443	0.606965	0.59278	0.360545	0.391974	0.468255	0.495114
0.537209	0.470188	0.415241	0.542686	0.658839	0.505821	0.388531	0.442824	0.457196	0.432361
0.454996	0.455903	0.356166	0.365604	0.443094	0.408653	0.416662	0.420557	0.473558	0.489638
0.37434	0.509138	0.511444	0.426776	0.429537	0.558301	0.539187	0.446009	0.614088	0.493739
0.448184	0.53842	0.617436	0.641102	0.502679	0.700502	0.808208	0.589389	0.542832	0.690073
0.625567	0.506384	0.537328	0.581575	0.496542	0.430381	0.536834	0.560987	0.51481	0.531003
0.608349	0.510521	0.417548	0.455616	0.384907	0.410375	0.418445	0.430313	0.437726	0.552477
0.573368	0.481705	0.501507	0.367122	0.398199	0.575619	0.60992	0.491818	0.528974	0.590237
0.52238	0.458354	0.460684	0.385758	0.510999	0.510141	0.554393	0.60294	0.586412	0.48625
0.554127	0.447432	0.345747	0.400826	0.519482	0.550291	0.540763	0.442824	0.589014	0.568493
0.46702	0.521041	0.464533	0.593357	0.630282	0.735526	0.702401	0.472367	0.637768	0.617671
0.404385	0.539901	0.493856	0.588268	0.610472	0.566462	0.538402	0.519691	0.474226	0.446295
0.47741	0.483004	0.391727	0.472722	0.645278	0.549498	0.485964	0.565173	0.506096	0.440182
0.59695	0.451647	0.463246	0.595067	0.518057	0.687247	0.651661	0.509953	0.338259	0.630653
0.52604	0.51821	0.517225	0.548033	0.502679	0.561547	0.553579	0.577978	0.437112	0.570947
0.50593	0.399809	0.422784	0.465036	0.445495	0.458362	0.352796	0.473047	0.524451	0.491001
0.504529	0.462676	0.484985	0.495949	0.447305	0.477399	0.40323	0.405739	0.569449	0.48625
0.510871	0.494202	0.640006	0.543446	0.53845	0.63119	0.631747	0.511437	0.404058	0.416554
0.413365	0.511214	0.678329	0.668618	0.704443	0.553477	0.51696	0.609411	0.440808	0.378066
0.475443	0.575417	0.545016	0.50282	0.53179	0.42559	0.51324	0.586729	0.446411	0.506987
0.619144	0.483654	0.600365	0.544207	0.479936	0.430381	0.622122	0.702547	0.545973	0.798632
0.602174	0.569028	0.53962	0.584909	0.558284	0.451986	0.403806	0.518179	0.465627	0.563626
0.561243	0.543623	0.554424	0.497315	0.535477	0.542426	0.473618	0.466966	0.466939	0.447528
0.508041	0.584359	0.588202	0.513335	0.501993	0.597179	0.51696	0.471688	0.522207	0.486925
0.4827	0.490879	0.573048	0.636367	0.692585	0.739188	0.57269	0.687796	0.641679	0.693323
0.459387	0.516802	0.516498	0.509802	0.769137	0.610648	0.43918	0.542236	0.571952	0.550907
0.581644	0.611468	0.571397	0.509802	0.64911	0.471401	0.583006	0.560155	0.516279	0.541607
0.624644	0.50707	0.547349	0.571724	0.570956	0.54087	0.661971	0.625541	0.529732	0.56282
0.574189	0.604531	0.427493	0.479889	0.539196	0.573102	0.619276	0.668165	0.485048	0.424093
0.562041	0.492205	0.497317	0.509802	0.471546	0.507976	0.672533	0.656591	0.484363	0.491683
0.575835	0.53842	0.687923	0.586585	0.510999	0.689428	0.613638	0.569399	0.563665	0.515567
0.69024	0.635737	0.598606	0.621552	0.683119	0.618006	0.515468	0.637299	0.574469	0.47361
0.587532	0.620299	0.432253	0.472076	0.636779	0.593656	0.530622	0.561821	0.535848	0.303327
0.559652	0.53916	0.515773	0.59937	0.535477	0.530131	0.5865	0.499704	0.450187	0.397434
0.63115	0.665383	0.543467	0.56849	0.633982	0.516703	0.487357	0.462959	0.541271	0.468397
0.436065	0.486923	0.522348	0.44216	0.4652	0.504391	0.481809	0.582331	0.508981	0.61494
0.404941	0.424102	0.575538	0.479889	0.520912	0.486896	0.638613	0.480597	0.515544	0.622263
0.500351	0.546625	0.683632	0.675779	0.699013	0.682917	0.838459	0.645317	0.637768	0.57756
0.591788	0.611468	0.567295	0.576622	0.612236	0.652752	0.602578	0.713061	0.679636	0.480217
0.50593	0.680489	0.586492	0.553447	0.687301	0.689428	0.675752	0.578845	0.622465	0.498573

0.506632	0.539901	0.512162	0.686217	0.656875	0.437056	0.782674	0.622651	0.663846	0.596282
0.608349	0.704722	0.629516	0.550345	0.668791	0.598951	0.48319	0.523496	0.676431	0.514846
0.495528	0.489556	0.622043	0.466308	0.47411	0.545555	0.576102	0.439033	0.429814	0.53779
0.504529	0.481705	0.62483	0.50282	0.45462	0.559921	0.703548	0.530429	0.504661	0.638249
0.521652	0.575417	0.675177	0.59937	0.558284	0.573102	0.533717	0.700245	0.630049	0.635385
0.487382	0.551166	0.469068	0.521934	0.491828	0.405799	0.331808	0.561821	0.605869	0.470344
0.434277	0.654631	0.47365	0.471432	0.544457	0.569769	0.519959	0.57025	0.509705	0.492368
0.669296	0.565868	0.405007	0.51833	0.508904	0.465485	0.555208	0.528879	0.422044	0.530256
0.723681	0.710174	0.607471	0.555006	0.590685	0.647757	0.543137	0.575386	0.527461	0.504868
0.584158	0.569028	0.632352	0.546499	0.518769	0.54087	0.560131	0.505531	0.455273	0.435953
0.544817	0.434446	0.549694	0.513335	0.522347	0.672277	0.710492	0.473047	0.510431	0.571768
0.638706	0.550406	0.515048	0.679924	0.751733	0.84408	0.703548	0.696814	0.668001	0.861121
0.525305	0.565868	0.457502	0.510506	0.575805	0.702751	0.500106	0.640288	0.641679	0.540077
0.426608	0.617631	0.525303	0.506297	0.600896	0.60431	0.46891	0.470334	0.580399	0.432957
0.663205	0.631139	0.535047	0.789491	0.599177	0.510865	0.821561	0.744947	0.655654	0.634435
0.655214	0.632055	0.585639	0.617926	0.715512	0.5706	0.687763	0.836709	0.772512	0.735542
0.549447	0.542876	0.560008	0.615226	0.59576	0.518174	0.608073	0.682253	0.567789	0.64598
0.623722	0.558068	0.683632	0.737755	0.501993	0.563997	0.555208	0.49826	0.488486	0.704335
0.560447	0.511909	0.567295	0.643011	0.5865	0.576461	0.560131	0.560155	0.482998	0.633486
0.539477	0.614979	0.570573	0.510506	0.443693	0.546341	0.438556	0.550289	0.529732	0.526537
0.547899	0.75401	0.680442	0.616124	0.663786	0.590162	0.491565	0.654519	0.707299	0.536273
0.642534	0.601957	0.556012	0.669634	0.736174	0.476059	0.730793	0.739887	0.62624	0.617671
0.663205	0.633892	0.616521	0.469503	0.691523	0.760549	0.710492	0.694542	0.672196	0.624114
0.723681	0.580271	0.529025	0.572537	0.517346	0.584974	0.656786	0.700245	0.56531	0.568493
0.629281	0.517506	0.567295	0.63731	0.574993	0.65679	0.648615	0.566859	0.553124	0.744013
0.52899	0.555755	0.622043	0.632615	0.742093	0.718829	0.446742	0.615981	0.547552	0.580066
0.432495	0.614979	0.580559	0.49053	0.714392	0.677564	0.49724	0.580585	0.644636	0.438969
0.556486	0.609724	0.498013	0.649758	0.616678	0.497308	0.560131	0.688913	0.724784	0.373877
0.791246	0.687722	0.561617	0.84063	0.64719	0.561547	0.605317	0.699098	0.80704	0.650883
0.521652	0.743221	0.48095	0.604591	0.700094	0.567286	0.630775	0.516672	0.759435	0.859524
0.59695	0.685643	0.62483	0.758464	0.633982	0.578997	0.674676	0.606626	0.439573	0.705451
0.625567	0.607986	0.790824	0.781524	0.617571	0.547916	0.648615	0.545439	0.338748	0.68471
0.728341	0.612344	0.732136	0.703458	0.775526	0.521876	0.528315	0.526564	0.521461	0.528764
0.685969	0.62659	0.629516	0.562092	0.708837	0.52262	0.500825	0.486873	0.634857	0.470344
0.864832	0.679466	0.535806	0.704559	0.624789	0.414419	0.553579	0.671376	0.518492	0.373356
0.917631	0.76259	0.634253	0.646853	0.760348	0.576461	0.604402	0.674611	0.771187	0.564433
0.562841	0.722415	0.658745	0.558928	0.650073	0.564817	0.543932	0.449218	0.741764	0.640169
0.62742	0.550406	0.800493	0.707878	0.598321	0.518912	0.626908	0.546244	0.490562	0.693323
0.614614	0.672367	0.808956	0.607226	0.663786	0.710716	0.966942	0.670303	0.527461	0.734346
0.656205	0.728095	0.692256	0.576622	0.718888	0.794004	0.710492	0.723836	0.608592	0.636338
0.712245	0.747983	0.566479	0.574166	0.606965	0.784374	0.544728	0.65143	0.635825	0.551692
1.005668	0.749182	0.563232	0.722559	0.784631	0.720001	0.661971	0.713061	0.566961	0.476241
0.670319	0.871806	0.793564	0.610763	0.789921	0.750366	0.696713	0.589389	0.577	0.522116
0.600425	0.605392	0.630459	0.608991	0.618467	0.662919	0.725931	0.622651	0.664881	0.480217
0.700005	0.529644	0.647798	0.620643	0.683119	0.607015	0.841604	0.709528	0.616862	0.719081
0.633968	0.631139	0.878302	0.632615	0.834733	0.739188	0.695584	0.634329	0.595148	0.77307
0.602174	0.577838	0.596855	0.555006	0.64148	0.512317	0.540763	0.634329	0.610416	0.554842

0.591788	0.70364	0.562424	0.559717	0.695787	0.527864	0.655756	0.701394	0.854058	0.547785
0.97775	0.790718	0.460045	0.713466	0.658839	0.498715	0.669337	0.721418	0.722411	0.673139
0.799446	0.857709	0.615608	0.705662	0.854347	0.67018	0.700117	0.696814	0.728367	0.669007
0.668275	0.530368	0.451207	0.562887	0.688352	0.599839	0.634676	0.527334	0.581253	0.55722
0.670319	0.530368	0.654732	0.651705	0.600896	0.589293	0.582137	0.557667	0.611331	0.704335
0.685969	0.681515	0.897082	0.64589	0.59237	0.539319	0.561785	0.961501	0.777855	0.664913
0.584158	0.815169	0.8603	0.590805	0.814557	0.659844	0.50299	0.678961	0.714208	0.497186
0.737813	0.632055	0.533534	0.75227	0.999612	0.642818	0.613638	0.675694	0.74549	0.58343
0.787204	0.720164	0.500106	0.763484	0.64911	0.708425	0.663016	0.727487	0.658708	0.647935
0.530473	0.750383	0.657738	0.521934	0.673854	0.87313	0.67683	0.562657	0.669046	0.71449
0.655214	0.705807	0.62483	0.649758	0.633982	0.620797	0.784054	0.516672	0.476906	0.576728
0.62835	0.714586	0.89534	0.74254	0.583181	0.667053	0.612706	0.569399	0.448924	0.737946
0.671345	0.687722	0.774733	0.790833	0.891379	0.773624	0.678995	0.809297	0.743002	0.558016
0.584999	0.650786	0.661779	0.583239	0.771682	0.65679	0.651661	0.657631	0.758148	0.638249
0.560447	0.549647	0.477617	0.562887	0.742093	0.434617	0.464253	0.806356	0.877083	0.614033
0.556486	0.671363	0.619273	0.656612	0.796625	0.778966	0.621171	0.839864	1.019766	0.685777
0.53872	0.587656	0.582246	0.549573	0.589006	0.690523	0.709327	0.615981	0.702752	0.598899
0.662198	0.544372	0.522348	0.628896	0.514514	0.519651	0.792426	0.670303	0.545973	0.780981
0.619144	0.620299	0.630459	0.78021	0.568552	0.626435	0.89528	0.592066	0.593387	1.033706
0.583318	0.560394	0.656734	0.636367	0.789921	0.668093	0.646596	0.644307	0.72123	0.637292
0.445122	0.556525	0.607471	0.451905	0.493842	0.63119	0.551956	0.617876	0.802749	0.581744
0.68069	0.661442	0.471026	0.625209	0.584008	0.554278	0.583877	0.661814	0.583825	0.373877
0.667256	0.893011	0.53962	0.485177	0.520912	0.527111	0.658853	0.804892	0.759435	0.616759
0.662198	0.596856	0.491107	0.419856	0.520196	0.544771	0.590021	0.532765	0.583825	0.643065
0.62835	0.472721	0.593373	0.632615	0.654921	0.534701	0.592682	0.495385	0.379206	0.629713
0.611023	0.581086	0.642912	0.705662	0.716634	0.554278	0.707006	0.483375	0.461067	0.623188
0.458757	0.558068	0.631405	0.514045	0.737352	0.642818	0.562614	0.533546	0.524451	0.573415
0.521652	0.597702	0.687923	0.625209	0.742093	0.623607	0.637626	0.61978	0.658708	0.709947
0.645428	0.524604	0.566479	0.685162	0.669799	0.554278	0.678995	0.675694	0.636795	0.540077
0.544817	0.69086	0.609266	0.479233	0.501993	0.561547	0.70585	0.566015	0.72123	0.640169
0.647367	0.614099	0.582246	0.676811	0.518769	0.470079	0.549533	0.484072	0.594267	0.531752
0.570916	0.49688	0.552842	0.624291	0.520196	0.471401	0.620222	0.45245	0.400097	0.728411
0.532707	0.521751	0.508581	0.436773	0.582355	0.510141	0.42991	0.49826	0.557957	0.626904
0.496901	0.492205	0.507869	0.311103	0.560632	0.558301	0.411356	0.512181	0.64961	0.38336
0.592644	0.482354	0.408958	0.373245	0.471546	0.440741	0.547925	0.610344	0.620589	0.483558
0.742628	0.625686	0.563232	0.680966	0.478635	0.507256	0.596255	0.536686	0.321021	0.542375
0.562041	0.620299	0.461963	0.471432	0.569351	0.563179	0.495103	0.457017	0.522207	0.522849
0.647367	0.610595	0.520145	0.516182	0.536961	0.613392	0.576102	0.549477	0.535079	0.568493
0.455621	0.595169	0.642912	0.576622	0.508208	0.530131	0.557663	0.573667	0.529732	0.651871
0.466379	0.490879	0.696632	0.767287	0.740903	0.511591	0.533717	0.602023	0.558768	0.633486
0.554912	0.582719	0.633301	0.56849	0.700094	0.43401	0.485268	0.531985	0.589014	0.504164
0.608349	0.577838	0.53809	0.485177	0.523786	0.28403	0.462931	0.648363	0.541271	0.500661
0.652255	0.69191	0.542695	0.610763	0.581531	0.38687	0.574393	0.700245	0.56121	0.55722
0.58248	0.650786	0.545792	0.529232	0.694717	0.510141	0.505166	0.592066	0.577848	0.542375
0.625567	0.569028	0.536566	0.584073	0.717759	0.59278	0.733245	0.620735	0.647613	0.540841
0.484701	0.527477	0.65274	0.664579	0.552084	0.700502	0.673603	0.500428	0.597804	0.487602
0.592644	0.555755	0.515048	0.600236	0.528862	0.502254	0.510287	0.45833	0.547552	0.525058

0.509453	0.64983	0.475629	0.456238	0.633054	0.551881	0.439806	0.532765	0.678565	0.578393
0.646396	0.688766	0.515773	0.553447	0.583181	0.438281	0.511023	0.566859	0.575311	0.522116
0.692391	0.793368	0.643885	0.643968	0.664783	0.555882	0.481809	0.587614	0.631966	0.643065
0.510871	0.594328	0.475629	0.439757	0.610472	0.554278	0.481121	0.548667	0.525953	0.499964
0.523109	0.429818	0.422199	0.500747	0.416392	0.487583	0.616448	0.531985	0.418504	0.57756
0.511581	0.49287	0.588202	0.541928	0.363454	0.546341	0.625946	0.450508	0.435276	0.535516
0.520924	0.526038	0.567295	0.643968	0.721153	0.461585	0.442945	0.469658	0.5444	0.47361
0.557276	0.537682	0.412945	0.538155	0.5865	0.486896	0.472268	0.661814	0.713049	0.526537
0.619144	0.568236	0.401649	0.624291	0.579887	0.441358	0.596255	0.670303	0.491256	0.560411
0.636805	0.646974	0.515773	0.532928	0.620264	0.628331	0.697844	0.701394	0.602266	0.596282
0.539477	0.521751	0.482963	0.469503	0.523786	0.603412	0.607152	0.548667	0.38298	0.470344
0.454996	0.413999	0.604793	0.569296	0.552854	0.614311	0.57269	0.512926	0.426809	0.530256
0.553344	0.402502	0.543467	0.463768	0.626612	0.690523	0.535273	0.545439	0.594267	0.47361
0.560447	0.607119	0.537328	0.508396	0.619365	0.563997	0.483881	0.475093	0.631006	0.400747
0.626493	0.556525	0.386311	0.505599	0.534737	0.450092	0.536834	0.508474	0.548344	0.467749
0.747497	0.696139	0.522348	0.533671	0.539944	0.506538	0.646596	0.777986	0.577848	0.549344
0.549447	0.63759	0.581402	0.430278	0.563783	0.518912	0.590021	0.680056	0.675369	0.559611
0.52604	0.429818	0.523085	0.505599	0.488492	0.484161	0.574393	0.48129	0.457838	0.601532
0.484033	0.421837	0.585639	0.534415	0.458325	0.480767	0.5125	0.479905	0.410355	0.585122
0.646396	0.604531	0.594241	0.542686	0.618467	0.606111	0.627871	0.640288	0.426809	0.597153
0.580809	0.661442	0.458136	0.524111	0.552084	0.553477	0.374313	0.463624	0.539714	0.460056
0.599554	0.557296	0.478947	0.655626	0.555949	0.421441	0.428689	0.566859	0.543615	0.517739
0.787204	0.797373	0.635206	0.690463	0.629361	0.566462	0.595359	0.636307	0.535079	0.591956
0.620056	0.647924	0.541155	0.447005	0.622973	0.60521	0.479747	0.499704	0.495444	0.540841
0.535703	0.461437	0.554424	0.506297	0.547492	0.500835	0.463591	0.493241	0.414411	0.591095
0.571732	0.434446	0.616521	0.548802	0.514514	0.465485	0.43483	0.50188	0.452722	0.559611
0.50383	0.476548	0.562424	0.465036	0.460812	0.590162	0.464253	0.490399	0.577	0.469045
0.449414	0.581086	0.465178	0.446396	0.513808	0.590162	0.522979	0.538264	0.70959	0.559611
0.672374	0.523889	0.339904	0.56608	0.49519	0.378774	0.589138	0.612215	0.550727	0.456259
0.780549	0.624783	0.446236	0.529232	0.583181	0.481444	0.529082	0.516672	0.668001	0.578393
0.682794	0.534742	0.579718	0.527763	0.458325	0.446952	0.469579	0.44729	0.447038	0.538551
0.524572	0.507758	0.565665	0.465036	0.419783	0.46942	0.561785	0.552735	0.347141	0.385496
0.563641	0.521041	0.476953	0.456238	0.523786	0.581549	0.650643	0.516672	0.448295	0.498573
0.445733	0.506384	0.531274	0.420428	0.466462	0.554278	0.489456	0.385808	0.458482	0.439575
0.51875	0.661442	0.490422	0.644928	0.697935	0.517438	0.48666	0.57025	0.634857	0.514125
0.736618	0.830818	0.58906	0.696912	0.740903	0.680768	0.567623	0.746222	0.716536	0.535516
0.535703	0.69086	0.572222	0.587426	0.639594	0.579846	0.576959	0.627479	0.631966	0.44568
0.50383	0.528198	0.582246	0.635426	0.664783	0.584115	0.71166	0.582331	0.450819	0.519193
0.537964	0.603671	0.664834	0.504903	0.57176	0.519651	0.718737	0.607553	0.470898	0.706571
0.633968	0.590979	0.646816	0.39001	0.608715	0.666016	0.643585	0.539056	0.508258	0.605955
0.59695	0.688766	0.595111	0.417573	0.536961	0.60521	0.510287	0.582331	0.682864	0.501359
0.787204	0.617631	0.523085	0.589958	0.688352	0.571433	0.542345	0.738631	0.582966	0.523584
0.595222	0.653666	0.501507	0.683059	0.602621	0.621732	0.514724	0.538264	0.549137	0.543144
0.508747	0.655597	0.53429	0.577443	0.513808	0.52262	0.542345	0.489692	0.581253	0.553264
0.644461	0.796034	0.701054	0.667605	0.665781	0.67018	0.864276	0.543034	0.55958	0.58597
0.696725	0.789399	0.718046	0.673721	0.771682	0.757981	0.615509	0.644307	0.616862	0.51629
0.561243	0.625686	0.618354	0.458734	0.561417	0.710716	0.520712	0.530429	0.74549	0.653852

0.643496	0.714586	0.520145	0.54497	0.635845	0.543206	0.408437	0.675694	0.74549	0.649898
0.76244	0.744406	0.654732	0.624291	0.703352	0.768347	0.529851	0.704862	0.836785	0.709947
0.578315	0.635737	0.634253	0.567685	0.506127	0.584115	0.573541	0.810776	0.773842	0.608631
0.593502	0.601957	0.579718	0.491203	0.559848	0.527111	0.608996	0.700245	0.629093	0.635385
0.726004	0.629314	0.751662	0.917982	1.008324	0.676501	0.774486	0.610344	0.680709	0.817031
0.50383	0.627496	0.777374	0.634487	0.889701	0.836344	0.568464	0.507736	0.664881	0.642098
0.52604	0.655597	0.673089	0.459987	0.652006	0.778966	0.532167	0.505531	0.680709	0.683645
0.898153	0.665383	0.495929	0.693676	0.706634	0.754157	0.598953	0.904631	0.917781	0.504868
0.727171	1.029354	0.7787	0.643968	0.771682	0.805278	0.577817	0.925336	1.125492	0.848504
0.636805	0.651744	0.777374	0.758464	0.699013	0.634068	0.592682	0.640288	0.722411	0.767875
0.573368	0.506384	0.620194	0.744952	0.507513	0.488959	0.785438	0.701394	0.597804	0.664913
0.575011	0.632055	0.620194	0.558928	0.579068	0.53241	0.786827	0.790524	0.727169	0.627838
0.723681	0.747983	0.72857	0.471432	0.501308	0.585834	0.607152	0.536686	0.691591	0.679412
0.766257	0.810997	0.759217	0.563683	0.481896	0.599839	0.552767	0.625541	0.488486	0.505573
0.826482	0.806865	0.689002	0.801722	0.939308	0.941693	0.786827	0.935083	0.627189	0.67836
0.675474	0.850071	0.81325	0.673721	0.668791	0.893635	0.936452	0.715432	0.669046	0.831734
0.715644	0.752798	0.693346	0.760967	0.656875	0.60431	0.703548	0.577112	0.416745	0.664913
0.882841	0.752798	0.879976	0.919787	0.614895	0.546341	0.789617	0.771174	0.72123	0.760197
0.574189	0.797373	0.914889	0.72371	0.89645	0.89015	0.730793	0.787706	0.91964	0.734346
0.505229	0.677426	0.770802	0.549573	0.748093	0.777624	0.66722	0.580585	0.571116	0.631595
0.866438	0.918839	0.594241	0.669634	0.771682	0.619865	0.43731	0.750068	0.733191	0.747695
0.809212	1.194375	0.933458	0.669634	0.788592	0.989148	0.724723	0.723836	0.867065	0.843866
0.709994	0.758892	0.746698	0.662573	0.750517	0.721175	0.838459	0.622651	0.703884	0.775691
0.905135	0.631139	0.635206	0.704559	0.564574	0.45772	0.660929	0.757863	0.678565	0.865948
0.874562	0.686682	0.692256	0.758464	0.744483	0.617079	0.716365	0.815241	0.921507	0.639208
0.86967	0.915305	0.680442	0.443366	0.671822	0.673329	0.689983	0.727487	0.865418	0.648916
1.014632	0.975616	0.617436	0.585746	0.784631	0.809582	0.607152	0.862617	0.948524	0.575068
0.864832	0.9118	0.852358	0.967543	1.03791	1.3098	0.818558	1.268268	0.970997	0.72606
0.783198	0.826494	0.7787	0.697996	0.859002	1.070427	0.872668	0.697955	0.966824	1.228778
0.923099	0.525321	0.541155	0.731848	0.852806	0.951577	0.971174	0.80198	0.64861	0.82139
1.049998	0.656566	0.810382	1.044678	0.743286	0.864864	1.271694	0.969964	0.679636	0.830241
0.882841	1.117879	0.871669	0.788153	0.752954	1.020796	1.183572	0.998665	0.964752	0.890924
0.638706	0.950096	1.047826	0.494588	0.57176	1.030279	0.707006	0.71188	0.91593	0.915607
0.94762	1.171564	0.817586	0.927084	0.970425	0.902473	0.719928	0.854354	0.836785	0.861121
1.083166	1.427981	1.045364	1.06949	1.280831	1.461068	1.173292	1.683887	1.278108	1.084145
0.999064	1.090693	0.907678	0.953634	0.833261	1.100353	1.090312	0.776616	0.912251	0.943708
0.83839	0.712374	0.773418	0.963523	0.96046	0.615232	0.950415	0.963601	0.631006	0.87909
0.788547	0.886375	1.005519	0.818586	1.040272	0.851956	1.284629	0.931158	0.735623	0.939854
0.894703	0.865484	0.994463	0.695831	0.851271	0.951577	0.730793	0.961501	0.908603	0.869196
0.791246	1.115083	0.8603	0.828734	0.720019	0.863229	0.673603	0.893741	0.88218	1.038494
0.984035	1.232834	0.946945	1.003302	0.652006	1.037529	1.006603	1.118852	0.91593	1.263726
0.646396	0.819381	1.023815	0.961527	0.840675	0.961692	1.023061	0.828919	1.088233	1.688349
0.804999	0.873401	0.752912	0.984005	0.788592	0.628331	0.874366	0.95733	0.850866	0.791758
1.052462	0.822213	0.740571	0.998939	1.079916	0.690523	1.008917	0.9532	0.755587	0.98425
1.174282	1.181194	1.062897	0.821461	1.120686	1.291925	0.936452	0.884869	1.134564	1.27603
0.751185	0.721288	1.007764	0.632615	0.802064	0.839422	0.815576	0.886629	0.739297	0.805616
0.871295	0.808238	0.733331	0.707878	0.770408	0.639882	0.70585	0.84464	0.79569	0.779652

1.241338	1.553302	1.467586	0.755976	0.681043	0.82574	0.763803	0.699098	0.936739	1.040908
0.809212	1.120694	0.973161	0.859108	0.653947	0.676501	0.781298	0.591172	0.563665	0.646957
0.908669	0.823635	0.634253	0.895173	0.738532	0.544771	0.654729	0.683356	0.551525	0.621341
0.915824	0.901451	0.739356	0.713466	0.656875	0.594534	0.723519	0.839864	0.686116	0.724889
0.740214	0.862357	1.03088	0.700173	0.713275	0.693824	0.651661	0.779362	0.878776	0.882438
0.766257	0.917068	0.931565	0.701265	0.800698	0.773624	0.559307	0.73613	1.003647	0.882438
0.768821	0.931438	1.007764	0.621552	1.072202	0.722353	0.60992	0.972105	0.832192	0.733152
0.577487	0.744406	0.660765	0.651705	0.733829	1.023147	0.661971	0.722625	0.880475	0.969626
0.602174	0.553455	0.361216	0.554226	0.674874	0.579846	0.529082	0.418152	0.631006	0.695503
0.608349	0.724678	0.568112	0.784163	0.739716	0.586696	0.92867	0.525027	0.605869	0.790396
0.682794	0.772609	0.702166	0.674748	0.997461	0.961692	0.753376	0.753948	0.908603	0.973754
0.549447	0.599399	0.741789	0.507695	0.520196	0.713018	0.68117	0.528879	0.707299	0.786336
0.688099	0.697203	0.605684	0.465672	0.608715	0.85037	0.64559	0.713061	0.671143	0.514125
0.735426	0.854638	0.799098	0.664579	0.779405	0.734311	0.657818	0.871041	0.960638	0.853193
0.708873	0.751589	0.702166	0.716854	0.590685	0.643802	0.727141	0.772528	0.700497	0.784991
0.833886	0.757666	0.651747	0.875131	0.650073	0.485527	0.651661	0.563494	0.50323	0.525797
0.673405	0.692964	0.611069	0.848234	0.652975	0.482121	0.544728	0.668165	0.686116	0.642098
0.554912	0.530368	0.512882	0.516897	0.682079	0.45262	0.496527	0.519691	0.681785	0.742793
0.509453	0.61322	0.632352	0.452521	0.598321	0.736743	0.597152	0.498981	0.557957	0.63254
0.611918	0.723545	0.635206	0.581575	0.516636	0.677564	0.612706	0.876175	0.844551	0.778328
0.625567	0.631139	0.738144	0.669634	0.584837	0.746608	0.758558	0.75265	0.80848	0.708819
0.61013	0.521041	0.519414	0.588268	0.552854	0.541647	0.566784	0.721418	0.595148	0.532502
0.644461	0.57301	0.441321	0.759714	0.576618	0.419675	0.732018	0.683356	0.555534	0.588525
0.598684	0.663408	0.541924	0.679924	0.730335	0.75289	0.698979	0.59566	0.662813	0.828753
0.465739	0.628404	0.703281	0.507695	0.557504	0.757981	0.632721	0.504798	0.582109	0.771765
0.525305	0.561172	0.556809	0.455616	0.593215	0.755428	0.633698	0.458988	0.455913	0.475582
0.510871	0.698269	0.676225	0.613435	0.682079	0.648751	0.600762	0.637299	0.738069	0.625972
0.492115	0.665383	0.571397	0.538907	0.529592	0.562362	0.582137	0.649383	0.738069	0.655842
0.635857	0.553455	0.461963	0.628896	0.552084	0.556687	0.511761	0.761814	0.607682	0.550907
0.735426	0.641319	0.589919	0.644928	0.542947	0.513045	0.744454	0.615036	0.573628	0.616759
0.621885	0.60025	0.612879	0.527763	0.62388	0.621732	0.803847	0.768479	0.809924	0.728411
0.495528	0.54889	0.647798	0.552669	0.545972	0.637935	0.6704	0.759176	0.71074	0.656841
0.570102	0.468298	0.510726	0.597644	0.68416	0.541647	0.495815	0.741146	0.696021	0.793124
0.630214	0.655597	0.631405	0.585746	0.746886	0.634068	0.453791	0.558495	0.663846	0.975833
0.583318	0.619408	0.532779	0.513335	0.52523	0.506538	0.422634	0.429697	0.512615	0.598899
0.603929	0.575417	0.491793	0.542686	0.563783	0.388507	0.588257	0.471688	0.535079	0.463245
0.544051	0.469557	0.490422	0.54497	0.59491	0.437056	0.566784	0.509953	0.543615	0.580904
0.466379	0.498899	0.483636	0.413044	0.545972	0.472726	0.422033	0.416357	0.438956	0.606845
0.533454	0.551928	0.482963	0.381023	0.605223	0.49381	0.39244	0.491818	0.487796	0.489638
0.595222	0.547378	0.508581	0.477269	0.514514	0.490339	0.441686	0.636307	0.680709	0.540077
0.486039	0.501606	0.452458	0.439159	0.518769	0.593656	0.48666	0.550289	0.706158	0.532502
0.421956	0.459584	0.389552	0.555006	0.577433	0.47807	0.525258	0.559324	0.536618	0.499964
0.540236	0.424102	0.388469	0.530707	0.435379	0.402963	0.530622	0.432786	0.470236	0.538551
0.484033	0.521751	0.495929	0.400279	0.406925	0.402963	0.511023	0.440293	0.562845	0.638249
0.425441	0.54889	0.605684	0.473369	0.404179	0.498011	0.477012	0.475777	0.480958	0.625042
0.578315	0.697203	0.520878	0.513335	0.490491	0.482121	0.335236	0.625541	0.603164	0.603296
0.63115	0.521751	0.570573	0.461244	0.337342	0.556687	0.431135	0.472367	0.584685	0.55722

0.533454	0.511214	0.401091	0.500747	0.576618	0.622669	0.424441	0.412196	0.470236	0.47361
0.557276	0.455903	0.37673	0.627048	0.606965	0.381994	0.527548	0.551103	0.506096	0.46517
0.661193	0.576222	0.51001	0.517613	0.534737	0.277205	0.487357	0.592066	0.535079	0.451249
0.554127	0.486268	0.622043	0.509802	0.458325	0.395675	0.538402	0.375359	0.55634	0.619502
0.473485	0.679466	0.677276	0.484512	0.509602	0.454525	0.380271	0.451802	0.540492	0.498573
0.570916	0.761354	0.610167	0.493231	0.64911	0.601622	0.465578	0.48129	0.671143	0.584275
0.465739	0.577029	0.513603	0.53516	0.56616	0.573102	0.526783	0.462295	0.531253	0.584275
0.551002	0.656566	0.507869	0.410797	0.57176	0.610648	0.543932	0.649383	0.485733	0.453121
0.655214	0.542131	0.418127	0.471432	0.616678	0.528618	0.551147	0.642293	0.524451	0.506279
0.554127	0.446235	0.474309	0.548033	0.525954	0.618934	0.64559	0.584085	0.496147	0.605955
0.453749	0.491541	0.639042	0.669634	0.516636	0.623607	0.633698	0.512926	0.550727	0.663896
0.443296	0.671363	0.657738	0.495268	0.506819	0.641837	0.46891	0.429081	0.734405	0.665933
0.52238	0.590146	0.547349	0.575802	0.455852	0.476728	0.520712	0.584085	0.734405	0.746464
0.373305	0.61322	0.476291	0.485842	0.523786	0.60521	0.624987	0.482679	0.545973	0.610424
0.525305	0.714586	0.446236	0.391079	0.604354	0.552679	0.580404	0.538264	0.608592	0.511971
0.678596	0.605392	0.542695	0.605468	0.683119	0.603412	0.563445	0.615981	0.521461	0.524321
0.620056	0.456514	0.51001	0.669634	0.528862	0.624548	0.585623	0.543034	0.437726	0.53779
0.572549	0.446235	0.571397	0.65073	0.46583	0.658824	0.675752	0.43093	0.551525	0.659851
0.486039	0.505698	0.609266	0.608107	0.591527	0.664981	0.623075	0.52197	0.557148	0.723721
0.587532	0.542131	0.547349	0.430864	0.3923	0.504391	0.525258	0.481984	0.622465	0.629713
0.554127	0.712374	0.595982	0.387347	0.536961	0.717661	0.331808	0.326585	0.637768	0.626904
0.551002	1.002729	0.595111	0.595924	0.833261	0.653758	0.37593	0.418752	0.677497	0.715633
0.600425	0.696139	0.703281	0.747378	0.791254	0.515236	0.64159	0.656591	0.549931	0.697694
0.621885	0.556525	0.682566	0.661574	0.766608	0.557493	0.745717	0.838284	0.585548	0.688995
0.609239	0.53255	0.729755	0.629823	0.436557	0.5706	0.743194	0.508474	0.512615	0.75893
0.687033	0.675395	0.725034	0.868651	0.517346	0.602516	0.50299	0.509213	0.550727	0.642098
0.791246	0.631139	0.70552	0.754737	0.5103	0.525608	0.556843	0.464958	0.631006	0.645006
0.730689	0.854638	0.797708	0.657599	0.581531	0.715333	0.668277	0.475093	0.702752	0.661869
0.621885	0.867056	0.752912	0.59937	0.563783	0.913322	0.781298	0.678961	0.678565	0.619502
0.807803	0.773878	0.749173	0.53966	0.530324	0.580697	0.854414	0.972105	0.74549	0.747695
0.853748	0.69402	0.764328	0.898605	0.716634	0.468104	0.640595	0.614094	0.452087	0.801412
0.783198	0.49287	0.804704	0.837625	0.473468	0.669135	0.795253	0.508474	0.391178	0.857932
0.810625	0.617631	0.799098	0.854414	0.609593	0.778966	0.604402	0.638293	0.562027	0.625042
0.844468	0.73851	0.643885	0.898605	0.628443	0.730689	0.536834	0.586729	0.549137	0.724889
0.711118	0.667367	0.820502	0.690463	0.613121	0.926332	0.709327	0.585846	0.740529	0.692237
0.770108	0.788085	0.678329	0.601973	0.672837	0.845644	0.911654	0.779362	0.730772	0.599775
0.720218	0.634814	0.744236	0.616124	0.810353	0.655777	0.729573	0.783514	0.619654	0.55722
0.761174	0.701484	0.706644	0.755976	0.701177	0.571433	0.593572	0.609411	0.532015	0.591956
0.606576	0.59855	0.635206	0.703458	0.491159	0.46942	0.529082	0.50188	0.535079	0.777007
0.681741	0.666374	0.587346	0.716854	0.593215	0.585834	0.687763	0.786304	0.641679	0.666955
0.735426	0.695078	0.640973	0.516897	0.457087	0.52262	0.624987	0.574526	0.459772	0.551692
0.729513	0.595169	0.704399	0.480547	0.411911	0.624548	0.450573	0.490399	0.543615	0.582586
1.184206	0.891342	0.739356	0.743744	0.622068	0.529374	0.536834	0.668165	0.683945	0.570127
1.311605	0.9921	0.679384	0.764748	0.630282	0.486211	0.534494	0.597469	0.702752	0.484902
0.640616	0.780278	0.57637	0.808669	0.806189	0.696038	0.686658	0.783514	0.708443	0.605067
0.722524	0.594328	0.519414	0.690463	0.659824	0.675441	0.911654	0.744947	0.509705	0.769168
0.853748	0.929616	0.738144	0.675779	0.978566	0.986973	0.600762	0.468984	0.636795	0.695503

0.56686	0.668363	0.719203	0.56608	0.689407	0.618006	0.644587	0.468984	0.470236	0.595413
0.645428	0.607986	0.855518	0.688335	0.625699	0.784374	0.750808	0.609411	0.435276	0.706571
1.070108	0.848559	1.272283	1.003302	0.931865	0.99353	1.140682	0.982975	0.699374	0.638249
0.795326	0.715696	0.888445	0.876766	0.903306	0.783016	0.733245	0.657631	0.791508	0.532502
0.655214	0.812383	0.633301	0.733023	0.834733	0.70388	0.715184	0.695677	0.658708	0.610424
0.652255	0.806865	0.628575	0.722559	0.756635	0.62549	0.789617	0.768479	0.79569	0.760197
0.74384	0.860802	0.750416	0.712342	0.906775	0.87313	0.73695	0.701394	0.750509	0.686847
0.706639	0.681515	0.695534	0.590805	0.760348	0.911495	0.697844	0.649383	0.532015	0.698794
0.787204	0.591814	0.70552	0.74254	0.716634	0.776286	0.601669	0.847854	0.609503	0.955478
0.819203	0.963651	0.950877	0.789491	0.680008	0.722353	0.800963	0.91959	0.729568	0.934137
0.60481	0.876608	0.658745	0.601973	0.620264	0.633106	0.580404	0.716623	0.904986	0.576728
0.663205	0.706895	0.623899	0.533671	0.691523	0.480091	0.510287	0.723836	0.846121	0.680466
0.66624	0.742038	0.659754	1.064413	0.761593	0.523365	0.743194	0.764468	0.818695	0.72606
1.09663	1.317311	0.992285	0.977758	0.964419	0.982656	0.734477	0.714245	1.017426	0.795869
0.673405	0.736174	0.800493	0.538907	0.740903	0.744121	0.620222	0.682253	0.591633	0.696597
0.609239	0.505013	0.692256	0.545734	0.659824	0.730689	0.73695	0.799088	0.455273	0.729592
0.63966	0.672367	0.757949	0.595067	0.772959	0.787104	0.984124	1.000953	0.74549	0.779652
0.540996	0.638519	0.53809	0.635426	0.730335	0.721175	0.565111	0.658673	0.812828	0.564433
0.613713	0.577029	0.454973	0.510506	0.630282	0.754157	0.48319	0.565173	0.854058	0.680466
0.72137	0.565082	0.439492	0.661574	0.551315	0.718829	0.611775	0.551103	0.650611	0.575068
0.928636	0.823635	0.59773	0.476617	0.59237	0.716495	0.588257	0.393104	0.534311	0.617671
0.537964	0.551166	0.520878	0.471432	0.493842	0.472726	0.547925	0.494669	0.463667	0.507695
0.458128	0.48041	0.566479	0.413044	0.542194	0.496606	0.591793	0.64633	0.582109	0.686847
0.495528	0.52892	0.681503	0.618829	0.680008	0.63119	0.654729	0.832018	0.862142	0.745237
0.543285	0.622087	0.635206	0.497315	0.564574	0.578997	0.547925	0.44537	0.538164	0.642098
0.545586	0.652704	0.476953	0.391615	0.59576	0.664981	0.520712	0.272329	0.395615	0.542375
0.638706	0.737341	0.552842	0.492554	0.776815	0.624548	0.637626	0.599285	0.589014	0.698794
0.531216	0.624783	0.561617	0.457484	0.575805	0.624548	0.640595	0.321755	0.440808	0.681523
0.614614	0.679466	0.472993	0.570914	0.601758	0.480767	0.576959	0.518934	0.474894	0.478887
0.636805	0.587656	0.53962	0.663575	0.549017	0.485527	0.674676	0.591172	0.431627	0.50276
0.846001	0.697203	0.578041	0.486509	0.670809	0.652752	0.723519	0.548667	0.671143	0.575897
0.525305	0.556525	0.554424	0.427358	0.615786	0.632147	0.606234	0.615981	0.615935	0.501359
0.528251	0.642257	0.628575	0.458734	0.738532	0.594534	0.521466	0.706023	0.525953	0.416554
0.607462	0.773878	0.838419	0.703458	0.762841	0.693824	0.735711	0.597469	0.529732	0.565242
0.632087	0.665383	0.63712	0.574983	0.57176	0.63119	0.598953	0.521209	0.579547	0.447528
0.633968	0.601103	0.48431	0.577443	0.572566	0.616154	0.509551	0.568551	0.585548	0.525058
1.028435	0.742038	0.628575	0.719127	0.720019	0.798198	0.743194	0.703703	0.730772	0.837758
0.832395	0.822213	0.716892	0.81148	0.652006	0.700502	0.701257	0.558495	0.616862	0.854767
0.737813	0.77515	0.817586	0.815729	0.533998	0.557493	0.735711	0.495385	0.550727	0.704335
0.62097	0.760121	0.868391	0.634487	0.608715	0.573102	0.629805	0.685571	0.852459	0.755153
0.706639	0.940667	1.264083	0.890075	0.625699	0.578997	0.748255	0.73117	0.599583	0.625972
0.776604	0.838123	0.777374	0.696912	0.607839	0.637935	0.688872	0.629425	0.549137	0.413689
0.741419	1.093336	0.665858	0.561299	0.770408	0.710716	0.577817	0.84145	0.658708	0.426439
0.874562	1.055282	0.524563	0.607226	1.090419	1.078386	0.755959	0.776616	1.146963	0.889214
0.712245	0.739683	0.706644	0.736567	0.605223	0.888417	0.770449	0.648363	0.779202	0.995006
0.590933	0.541386	0.589919	0.63355	0.57825	0.735526	0.728355	0.663921	0.722411	0.787685
0.495528	0.647924	0.665858	0.463768	0.611353	0.891889	0.682262	0.700245	0.930964	0.780981

0.649316	0.689811	0.914889	0.711222	0.545972	0.681841	0.798099	0.687796	0.677497	0.643065
0.731869	0.602813	0.712308	0.738946	0.631204	0.552679	0.542345	0.484072	0.577848	0.492368
0.665226	0.913549	0.811814	0.677846	0.669799	0.619865	0.568464	0.67787	0.675369	0.510541
0.696725	1.002729	0.941113	0.798974	0.756635	0.733101	0.835338	0.967832	1.001392	0.872469
0.729513	0.59265	0.719203	0.636367	0.53179	0.573102	0.740685	0.755249	0.763317	0.769168
0.777915	0.623883	0.549694	0.629823	0.579068	0.581549	0.71166	0.569399	0.631966	0.745237
0.543285	0.652704	0.755423	0.533671	0.601758	0.673329	0.590021	0.465626	0.809924	0.779652
0.727171	0.745595	1.068039	0.741339	0.764093	0.851956	0.710492	0.683356	0.677497	0.807027
0.547899	0.744406	0.673089	0.662573	0.752954	0.554278	0.639603	0.652458	0.625293	0.560411
0.525305	0.70041	0.716892	0.563683	0.803435	0.545555	0.723519	0.683356	0.758148	0.582586
0.766257	1.031648	1.141098	0.834641	0.99319	0.718829	0.872668	0.780741	0.69049	0.730775
0.749952	0.925994	0.796323	0.674748	0.610472	0.584115	0.514724	0.591172	0.577	0.611323
0.780549	0.802772	0.660765	0.643968	0.606093	0.572267	0.612706	0.659717	0.609503	0.633486
0.704416	0.565082	0.62483	0.555006	0.565366	0.677564	0.753376	0.686682	0.644636	0.677311
0.69024	0.580271	0.740571	0.623376	0.533261	0.507976	0.692215	0.939044	0.598693	0.478887
0.549447	0.638519	0.511444	0.484512	0.358006	0.486211	0.400936	0.559324	0.636795	0.571768
0.468305	0.497552	0.54657	0.511212	0.462061	0.682917	0.524497	0.397085	0.775176	0.665933
0.617326	0.722415	0.721526	0.574166	0.653947	0.991333	0.826105	0.771174	0.850866	0.892641
0.589229	0.575417	0.47168	0.532928	0.706634	0.659844	0.717549	0.854354	0.525201	0.561212
0.649316	0.411234	0.533534	0.699083	0.574993	0.564817	0.508817	0.64633	0.563665	0.530256
0.591788	0.467042	0.616521	0.719127	0.64148	0.518912	0.629805	0.666038	0.584685	0.808442
0.724841	0.635737	0.655732	0.634487	0.720019	0.521876	0.561785	0.582331	0.6938	0.760197
0.519474	0.5161	0.525303	0.571724	0.559848	0.533172	0.551147	0.47441	0.571952	0.672102
0.50383	0.436194	0.465824	0.51833	0.42492	0.652752	0.561785	0.408076	0.56531	0.565242
0.677553	0.578647	0.744236	0.652682	0.549782	0.798198	0.481809	0.483375	0.522953	0.599775
0.534202	0.561172	0.545016	0.509098	0.416392	0.491724	0.366317	0.561821	0.738069	0.517739
0.480047	0.569028	0.440101	0.421001	0.53845	0.435835	0.364209	0.551103	0.542832	0.629713
0.480709	0.565082	0.523085	0.634487	0.64911	0.435226	0.651661	0.714245	0.548344	0.651871
0.525305	0.776427	0.706644	0.670652	0.670809	0.559921	0.598953	0.688913	0.62624	0.531003
0.444513	0.577029	0.613786	0.590805	0.542947	0.444457	0.508085	0.607553	0.62624	0.440789
0.510871	0.565868	0.613786	0.496631	0.536961	0.497308	0.522222	0.490399	0.542051	0.533254
0.715644	0.712374	0.726209	0.611652	0.724574	0.694929	0.600762	0.531206	0.590758	0.571768
0.547899	0.596012	0.621118	0.475315	0.658839	0.729489	0.591793	0.543034	0.644636	0.609527
0.551781	0.712374	0.733331	0.44397	0.499259	0.599839	0.485964	0.539849	0.592509	0.58597
0.68385	0.493536	0.588202	0.676811	0.622068	0.616154	0.488056	0.601109	0.528217	0.587672
0.652255	0.461437	0.632352	0.597644	0.589845	0.510141	0.453145	0.544636	0.606775	0.649898
0.523109	0.28079	0.381494	0.409119	0.507513	0.460293	0.485964	0.535899	0.400661	0.414832
0.58248	0.435028	0.413518	0.472722	0.444893	0.422032	0.698979	0.670303	0.386787	0.369728
0.741419	0.541386	0.565665	0.675779	0.614007	0.624548	0.724723	0.732405	0.675369	0.441398
0.514435	0.521751	0.607471	0.516182	0.536961	0.622669	0.677911	0.508474	0.531253	0.666955
0.516587	0.483004	0.665858	0.532186	0.46583	0.584115	0.501546	0.45375	0.517753	0.521383
0.437262	0.486268	0.583092	0.432629	0.643375	0.563997	0.516213	0.504798	0.585548	0.571768
0.4575	0.500928	0.562424	0.475315	0.620264	0.644787	0.499388	0.406906	0.450187	0.625972
0.594361	0.53401	0.467119	0.418143	0.489823	0.472726	0.527548	0.560987	0.51481	0.506279
0.621885	0.565868	0.414091	0.421575	0.560632	0.423215	0.543932	0.714245	0.584685	0.56282
0.655214	0.736174	0.596855	0.535907	0.59237	0.563179	0.614573	0.542236	0.53739	0.519922
0.554127	0.617631	0.565665	0.541171	0.425494	0.539319	0.5865	0.434651	0.529732	0.578393

0.470887	0.55269	0.583939	0.61433	0.491159	0.447578	0.473618	0.408662	0.578696	0.529509
0.377984	0.521041	0.509295	0.423302	0.486503	0.476059	0.548728	0.324163	0.55634	0.623188
0.609239	0.560394	0.542695	0.487176	0.459567	0.398463	0.565947	0.39995	0.514077	0.682583
0.52238	0.546625	0.472336	0.524839	0.493842	0.276782	0.470921	0.466296	0.505378	0.524321
0.474789	0.555755	0.422784	0.454995	0.633054	0.476059	0.553579	0.617876	0.680709	0.506279
0.564444	0.61322	0.430462	0.376858	0.596612	0.731893	0.617388	0.561821	0.604064	0.664913
0.595222	0.514698	0.445002	0.416436	0.435968	0.513774	0.522979	0.483375	0.453359	0.465813
0.598684	0.531821	0.488375	0.513335	0.377638	0.463531	0.520712	0.451802	0.427409	0.522116
0.601299	0.484306	0.622043	0.475315	0.349236	0.567286	0.550339	0.398802	0.446411	0.626904
0.656205	0.479119	0.54657	0.428524	0.434792	0.301128	0.378638	0.408662	0.399534	0.478887
0.448184	0.454073	0.568112	0.408561	0.356041	0.415582	0.353309	0.317454	0.408629	0.482888
0.4827	0.52892	0.645837	0.597644	0.5103	0.681841	0.482499	0.353634	0.536618	0.498573
0.510871	0.531094	0.615608	0.643011	0.652006	0.632147	0.691098	0.64633	0.579547	0.643065
0.510162	0.555755	0.519414	0.596783	0.667785	0.435835	0.626908	0.763139	0.577	0.56282
0.658193	0.671363	0.640006	0.601104	0.570956	0.531649	0.632721	0.645317	0.557957	0.71335
1.014632	0.896367	0.890158	0.691532	0.691523	0.700502	0.707006	0.739887	0.689393	0.780981
0.77923	0.672367	0.924074	0.710104	0.576618	0.718829	0.605317	0.684462	0.578696	0.827271
0.795326	0.372748	1.026158	0.903804	0.536961	0.831767	0.940395	0.744947	0.711893	0.917424
1.374236	0.936952	1.30227	1.185933	0.837694	0.972047	1.119229	1.059838	1.40572	1.338562
1.121969	1.833434	0.96289	1.087742	0.903306	0.730689	0.911654	1.911075	1.313537	0.837758
1.268909	1.439594	0.648782	1.129647	1.71934	0.812475	1.131358	1.443738	1.332398	0.840801
2.306254	3.40456	1.163065	2.255603	1.462312	0.97626	1.555077	2.093935	1.79418	1.021961
1.311605	2.235768	1.553411	1.144564	1.115024	1.081072	1.101649	1.092573	1.291058	1.363273
1.406501	0.95779	1.480763	1.430442	1.280831	0.842522	2.561984	1.268268	1.116606	2.425499
1.838088	0.830818	2.827759	2.255603	1.254399	1.267615	1.422465	1.576663	1.159726	1.166331
1.070108	1.225583	1.045364	1.227967	1.552392	1.261007	2.77077	1.622152	1.501036	1.106083
1.001254	1.023309	0.704399	1.032784	2.92346	1.030279	1.122229	1.03931	0.927156	0.764019
2.127219	1.081515	0.735731	1.112397	1.07259	0.99353	2.127805	1.364406	1.447616	0.957471
1.139722	1.686474	1.91438	0.998939	1.205374	1.623795	2.77077	1.281196	1.983591	1.770984
1.030778	1.104073	0.996652	1.106796	1.234003	1.144798	2.159427	1.463278	1.096552	1.667365
1.535553	1.082858	1.364131	1.636631	1.167993	1.163933	1.526161	1.497885	1.204003	2.136368
1.583151	1.69699	1.225726	1.016661	1.172053	1.554438	1.645429	2.415927	1.160743	1.108905
0.921269	1.30419	1.147262	0.863853	0.96046	1.25421	0.762486	0.876175	1.139113	1.117483
1.121969	1.470062	1.052792	0.963523	2.210249	1.684211	0.820057	1.695086	1.12933	1.348278
1.256878	1.335447	1.315784	1.112397	1.147122	1.167088	1.410677	0.965712	1.119548	1.453371
1.085826	1.135047	0.846108	0.998939	0.746886	0.94562	1.187054	1.197865	0.842987	0.872469
1.550846	0.969592	0.577205	1.391229	0.868464	0.812475	1.625793	1.337143	0.823147	1.021961
1.030778	0.994205	0.998852	1.064413	1.260702	1.187378	0.944375	0.847854	1.176226	1.055544
0.676512	1.062631	1.311232	0.748596	1.067134	1.780581	1.093118	0.843042	1.077383	1.033706
0.864832	1.321775	1.44854	0.912611	1.420578	1.194315	0.793837	1.312951	1.200433	0.727234
0.999064	1.007055	1.221554	0.99462	1.276729	1.21582	1.073842	1.112873	1.053918	1.472563
0.723681	0.369731	0.874973	0.871879	0.811749	1.013817	1.227315	0.763139	0.769865	0.747695
1.121969	1.009234	0.830863	0.870262	0.939308	0.932029	0.971174	1.342148	1.019766	0.645006
1.241338	1.171564	0.699944	1.018928	1.067134	0.926332	0.975448	1.743017	0.946537	0.662881
0.871295	0.959735	1.329731	0.760967	0.87977	0.819794	0.893498	0.839864	1.166251	1.078829
0.917631	1.225583	1.802902	0.896885	0.871664	1.270569	0.836896	0.720214	1.322865	1.232525
0.757401	1.0676	0.922221	0.642055	1.159408	1.246255	1.11035	1.294522	1.79418	1.176135

0.97361	0.844056	1.21425	0.700173	0.797979	0.773624	1.330756	0.996389	0.79569	1.033706
0.772695	0.635737	0.843016	0.88337	1.021729	0.57815	0.809672	0.996389	0.801328	0.915607
1.028435	0.922401	0.645837	0.724863	1.319594	0.627382	0.730793	1.312951	1.265534	1.7104
1.208282	1.05286	1.150377	0.947806	1.106666	0.99353	1.03031	0.998665	1.327606	1.259701
0.892989	1.354374	1.228983	0.875131	0.901582	0.932029	0.82307	0.717817	1.146963	0.92663
0.668275	0.9921	1.089239	0.704559	1.024004	1.418033	0.703548	0.91959	1.137631	1.043336
0.714508	0.845552	1.03088	1.115225	0.986862	1.12349	1.166571	1.024526	0.413248	1.050701
0.598684	0.506384	0.732136	0.940156	0.797979	0.831767	1.06058	0.895537	0.642663	0.789038
0.90163	0.822213	0.443771	0.582406	1.181783	0.621732	0.639603	0.847854	0.728367	0.579229
0.965446	0.875001	0.796323	0.898605	1.508487	0.671227	0.798099	0.708357	0.643648	0.969626
0.926782	0.979678	1.228983	1.104022	0.687301	0.831767	0.999736	0.830466	0.714208	0.922924
0.773994	0.781569	0.89883	1.00771	0.663786	0.662919	0.835338	0.741146	0.990291	0.837758
0.59695	0.833725	0.634253	0.757218	0.784631	0.619865	0.612706	0.432167	0.966824	0.949553
0.720218	0.944414	0.839945	0.981913	0.803435	0.778966	1.289027	0.662866	0.582109	0.707694
0.685969	0.621193	0.654732	0.963523	0.924547	0.798198	0.730793	0.81674	0.801328	0.723721
0.667256	0.835186	0.713449	0.610763	0.950717	0.75289	0.686658	1.143626	0.96269	0.638249
0.83839	0.979678	0.732136	0.743744	0.970425	0.943652	0.954488	0.7475	0.675369	0.934137
0.59695	0.610595	0.655732	0.744952	0.600896	0.683995	1.10743	0.676781	0.725975	0.897834
0.650293	0.632055	0.750416	0.905551	0.573373	1.027889	1.271694	0.654519	0.655654	0.688995
0.366633	0.676409	0.925935	0.673721	0.517346	0.928222	0.913512	0.722625	1.172875	0.955478
0.793962	0.856171	0.747933	0.82581	0.651038	0.4558	0.762486	0.904631	0.863777	0.71335
0.689168	0.712374	0.655732	0.708989	0.878137	0.681841	0.584749	0.45833	0.734405	0.761467
0.575011	0.675395	0.714594	0.61433	0.924547	0.792615	0.67683	0.571955	0.863777	0.756408
0.633026	0.865484	0.96697	0.643968	0.384384	0.60521	1.122229	1.026956	0.802749	0.963506
0.817761	0.69086	0.602131	0.902064	0.703352	0.674384	1.32113	0.991871	0.505378	0.915607
0.662198	0.512605	0.617436	0.957563	0.72572	0.871464	0.950415	0.71188	0.751773	1.411637
0.820649	0.73851	1.221554	0.907306	0.818802	1.633299	1.815338	1.014943	1.038952	1.203416
0.898153	0.744406	0.693346	0.598506	0.761593	0.724719	0.997471	0.871041	0.835249	0.696597
0.766257	0.650786	0.7787	0.656612	0.618467	0.642818	0.460956	0.630401	1.043884	0.884122
0.490758	0.590979	0.891879	0.724863	0.53845	0.911495	0.547925	0.648363	1.008191	0.646957
0.735426	0.784164	0.796323	0.749817	0.863707	0.572267	0.532941	0.599285	0.615935	0.650883
0.468305	0.582719	0.607471	0.519768	0.700094	0.474056	0.532167	0.615981	0.496147	0.461966
0.704416	0.730388	0.545792	0.603717	0.651038	0.519651	0.750808	0.555194	0.374933	0.606845
0.810625	0.632973	0.615608	0.496631	0.534737	0.520391	0.833785	0.668165	0.657687	1.058193
0.939927	0.867056	0.743011	0.694752	0.827419	0.664981	0.643585	0.727487	0.532015	0.606845
0.692391	0.569028	0.616521	0.467583	0.574182	0.510141	0.537617	0.525795	0.517753	0.528764
0.841418	0.715696	0.656734	0.570104	0.4278	0.633106	0.548728	0.449862	0.735623	0.831734
0.595222	0.590146	0.662795	0.604591	0.493842	0.536235	0.583006	0.739887	0.738069	0.705451
0.442082	0.609724	0.674132	0.612543	0.604354	0.462233	0.450573	0.632361	0.62624	0.551692
0.407171	0.663408	0.42337	0.553447	0.703352	0.700502	0.469579	0.743677	0.655654	0.502059
0.611918	0.516802	0.347712	0.836131	0.443094	0.491724	0.876071	0.717817	0.508981	0.61494
0.726004	0.596012	0.497317	0.733023	0.745683	0.74911	0.765124	0.568551	0.618722	0.552477
0.540996	0.606255	0.532026	0.514756	0.433033	0.459005	0.627871	0.565173	0.447038	0.601532
0.599554	0.516802	0.520878	0.463768	0.497899	0.514504	0.590907	0.450508	0.333885	0.562015
0.373305	0.444446	0.518683	0.401923	0.501993	0.582402	0.673603	0.390846	0.402922	0.592817
0.388031	0.634814	0.525303	0.428524	0.588169	0.57815	0.488755	0.57281	0.522207	0.372317
0.395042	0.554987	0.595982	0.396467	0.400364	0.649748	0.490158	0.556841	0.597804	0.372836

0.489404	0.561172	0.469719	0.411919	0.356532	0.417916	0.479062	0.605702	0.430418	0.483558
0.802214	0.624783	0.449336	0.560507	0.513104	0.69162	0.5125	0.692282	0.812828	0.541607
0.722524	0.621193	0.619273	0.493909	0.372519	0.498011	0.43731	0.444096	0.50323	0.452496
0.722524	0.398736	0.412374	0.473369	0.480588	0.45262	0.468242	0.39995	0.374933	0.410275
0.776604	0.399272	0.304618	0.638255	0.328515	0.294913	0.608073	0.491108	0.506096	0.517014
0.705526	0.577838	0.628575	0.571724	0.539944	0.621732	0.471594	0.59566	0.622465	0.677311
0.412798	0.558068	0.693346	0.436178	0.4652	0.728291	0.529851	0.383587	0.711893	0.745237
0.453749	0.471453	0.593373	0.3805	0.593215	0.468104	0.277751	0.59028	0.668001	0.509828
0.792602	0.857709	0.759217	0.679924	0.746886	0.751626	0.672533	0.75265	0.970997	0.848504
0.603051	0.602813	0.535047	0.532186	0.227978	0.513045	0.545525	0.650406	0.632927	0.68471
0.614614	0.546625	0.432851	0.538155	0.352139	0.370302	0.453145	0.563494	0.539714	0.411979
0.731869	0.531094	0.426311	0.710104	0.519482	0.428579	0.507353	0.695677	0.656669	0.495804
0.674438	0.682543	0.581402	0.643968	0.629361	0.531649	0.595359	0.653487	0.702752	0.767875
0.496214	0.607986	0.782704	0.601973	0.454006	0.55911	0.526783	0.436524	0.582109	0.778328
0.761174	0.913549	0.668942	0.465672	0.506127	0.470079	0.436068	0.629425	0.718877	0.66798
0.630214	0.798717	0.743011	0.622463	0.789921	0.681841	0.497955	0.600196	0.571116	0.724889
0.443904	0.541386	0.653735	0.558928	0.559848	0.569769	0.501546	0.610344	0.506816	0.645006
0.677553	0.631139	0.713449	0.554226	0.613121	0.580697	0.443575	0.84464	0.738069	0.462605
0.872925	0.771344	0.647798	0.502128	0.749303	0.878166	0.893498	0.872746	0.79569	0.699896
0.7714	0.836652	0.897082	0.387347	0.536961	0.643802	0.950415	0.257995	0.464319	0.730775
0.747497	0.790718	0.969024	0.927084	0.533261	0.746608	0.876071	0.352086	0.623405	0.71678
0.617326	1.048056	0.960865	0.587426	0.674874	1.000188	0.836896	0.642293	0.849279	0.92663
0.651273	0.660463	0.706644	0.720268	0.803435	0.69272	0.799529	0.480597	0.472892	0.723721
0.663205	0.558068	0.70552	0.642055	0.919139	0.644787	0.556843	0.538264	0.674308	0.58938
0.681741	0.938806	0.7682	0.686217	0.772959	0.649748	0.549533	0.695677	0.619654	0.600652
1.077896	1.267048	0.7881	0.863853	0.733829	0.871464	0.975448	0.480597	0.644636	0.647935
0.804999	0.752798	1.019168	0.945881	0.59237	0.739188	1.015931	0.765801	0.897841	1.172843
0.934245	0.73385	0.902348	0.74254	0.43833	0.845644	0.926746	0.561821	0.906791	0.827271
0.495528	0.770083	0.990118	0.961527	0.709942	0.928222	1.183572	1.019708	0.781906	0.719081
0.739012	0.735011	0.540386	0.693676	0.764093	0.689428	0.530622	0.573667	0.952524	0.786336
0.551002	0.743221	0.714594	0.562092	0.686251	0.855147	0.466908	0.469658	1.116606	0.596282
0.573368	0.924194	0.732136	0.552669	0.504744	0.815388	0.587377	0.632361	0.672196	0.562015
0.657198	0.420708	0.578041	0.677846	0.543701	0.507976	0.49724	0.636307	0.44019	0.478887
0.707754	0.500928	0.579718	0.616124	0.630282	0.396788	0.538402	0.475093	0.312652	0.762741
0.409976	0.430394	0.741789	0.583239	0.455852	0.713018	0.598052	0.398802	0.451453	0.812715
0.624644	0.586004	0.609266	0.584909	0.552854	0.633106	0.665113	0.807824	0.504661	0.415979
0.508747	0.599399	0.445002	0.445789	0.356532	0.47807	0.590021	0.469658	0.502516	0.476241
0.48537	0.486923	0.410662	0.353652	0.469632	0.486211	0.474972	0.34595	0.513345	0.352028
0.508747	0.656566	0.454343	0.504903	0.558284	0.453889	0.360545	0.354151	0.389526	0.424678
0.464461	0.409583	0.480282	0.330224	0.579068	0.391801	0.288214	0.44729	0.34864	0.289808
0.445122	0.379869	0.334616	0.389476	0.487828	0.406368	0.294436	0.330978	0.254552	0.371279
0.437262	0.382441	0.397211	0.414737	0.472826	0.459648	0.5125	0.420557	0.317282	0.368697
0.421378	0.367732	0.260958	0.356609	0.368466	0.412104	0.38576	0.444096	0.360301	0.317281
0.344301	0.284068	0.351173	0.417573	0.338752	0.306528	0.282516	0.243317	0.381898	0.336454
0.358561	0.390775	0.346237	0.292361	0.333138	0.476728	0.369497	0.416357	0.398411	0.386568
0.44757	0.399809	0.343303	0.296648	0.276974	0.416747	0.357429	0.280986	0.390076	0.315
0.375898	0.411786	0.256146	0.290658	0.378669	0.313373	0.318359	0.248155	0.330993	0.405765

0.382714	0.227818	0.276978	0.312888	0.249671	0.240306	0.38576	0.362511	0.394502	0.345634
0.428953	0.362773	0.344768	0.436178	0.383861	0.242254	0.335236	0.273187	0.192008	0.29369
0.37434	0.366238	0.317287	0.31603	0.281903	0.250135	0.346191	0.327557	0.263917	0.317739
0.327692	0.313861	0.326099	0.325595	0.219667	0.297122	0.289098	0.246941	0.339237	0.461329
0.359061	0.350618	0.371497	0.317384	0.308738	0.348319	0.295332	0.26384	0.34864	0.363069
0.296699	0.275112	0.303727	0.27727	0.260545	0.410951	0.288656	0.257581	0.354178	0.305548
0.214767	0.243642	0.277815	0.414172	0.451557	0.400707	0.293989	0.264682	0.313113	0.268443
0.314847	0.340664	0.226845	0.331623	0.31672	0.347821	0.215646	0.308512	0.326216	0.263565
0.245248	0.297435	0.268278	0.321926	0.253137	0.269653	0.22776	0.311785	0.322903	0.428798
0.271029	0.329104	0.392272	0.399186	0.39928	0.308343	0.266274	0.3379	0.363913	0.365107
0.321222	0.37174	0.356166	0.399186	0.359485	0.468104	0.314592	0.210511	0.381359	0.402413
0.255378	0.330933	0.40726	0.44397	0.417519	0.361478	0.234726	0.432167	0.438341	0.375443
0.460018	0.36873	0.375678	0.503513	0.477985	0.344844	0.232004	0.481984	0.582966	0.522849
0.490081	0.567445	0.361724	0.452521	0.391768	0.383613	0.402082	0.413974	0.405766	0.366642
0.414501	0.36873	0.362743	0.387879	0.463314	0.301576	0.49724	0.506265	0.41151	0.446295
0.591788	0.455903	0.478947	0.475315	0.517346	0.400707	0.505894	0.344935	0.396731	0.434752
0.433682	0.553455	0.640973	0.393227	0.351654	0.399584	0.466242	0.29566	0.492648	0.546233
0.336154	0.497552	0.567295	0.441558	0.382297	0.441358	0.483881	0.493241	0.445785	0.388719
0.53872	0.563514	0.40726	0.438561	0.665781	0.515969	0.462272	0.541439	0.567789	0.64598
0.492796	0.69086	0.621118	0.454376	0.62388	0.545555	0.380817	0.403994	0.506096	0.555633
0.484033	0.373253	0.458136	0.393765	0.437738	0.461585	0.485964	0.49682	0.461067	0.464527
0.453749	0.387109	0.435857	0.471432	0.382297	0.361992	0.547124	0.448574	0.456554	0.398535
0.633026	0.717924	0.574706	0.530707	0.477985	0.397904	0.418445	0.507	0.563665	0.431765
0.385365	0.443258	0.434652	0.49053	0.374048	0.400145	0.398654	0.430313	0.479603	0.497186
0.439063	0.429818	0.591643	0.525568	0.479285	0.453254	0.428689	0.366751	0.41616	0.377015
0.456246	0.494202	0.436461	0.411357	0.46583	0.424995	0.447378	0.408662	0.506816	0.448765
0.455621	0.521751	0.362233	0.336318	0.360969	0.348319	0.379726	0.409837	0.369126	0.343685
0.432495	0.400346	0.378312	0.38841	0.365452	0.431587	0.436689	0.369959	0.3557	0.271314
0.508747	0.428669	0.392818	0.419284	0.436557	0.361992	0.371096	0.504067	0.485048	0.56282
0.575835	0.568236	0.636162	0.522658	0.533261	0.413839	0.564277	0.422975	0.390076	0.520652
0.597816	0.429243	0.469068	0.631683	0.492498	0.351321	0.781298	0.492529	0.498259	0.664913
0.656205	0.548133	0.571397	0.736567	0.606093	0.795397	0.884697	0.483375	0.948524	0.921083
0.735426	0.845552	0.853935	0.977758	1.129321	1.342968	1.235054	1.205147	0.927156	0.727234
1.194361	1.048056	0.661779	0.857538	0.974477	0.831767	0.721122	1.036811	1.193377	0.992833
0.709994	1.50969	1.033261	0.663575	1.017215	1.480902	1.33565	1.239517	1.115094	1.053964
1.080523	1.093185	1.099516	0.979831	2.11615	2.572434	1.309453	1.274485	1.63285	1.084529
1.618052	1.17475	1.105846	1.370316	1.646615	1.283257	2.421577	1.254083	1.051388	1.964317
1.280515	1.225583	1.094704	0.547352	0.915304	1.904622	0	0.525694	1.23368	0
0.612792	1.335447	0	0	0	0	0	0	0	0
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1.499521	0.522682	0.261341	0.130671	0.065335	0.032668	0.016334	0.333472	1.530431	1.094975
1.215413	1.149891	1.045364	0.900331	1.109434	1.030279	0.932543	0.996389	0.650611	0.383893
0.734237	0.468927	0.53809	0.584909	0.554399	0.690523	0.65989	0.457673	0.325741	0.596282
0.40383	0.491541	0.443771	0.297942	0.43833	0.480767	0.551147	0.33196	0.253345	0.415405
0.41621	0.472086	0.425721	0.265483	0.351654	0.421441	0.462931	0.343418	0.336309	0.243038
0.365108	0.324114	0.329864	0.206693	0.356532	0.2326	0.337702	0.245327	0.290218	0.320495
0.479387	0.620299	0.48162	0.344898	0.422629	0.48348	0.536053	0.451154	0.563665	0.739153
0.814893	0.933268	0.703281	0.551893	0.559848	0.792615	0.952447	0.655554	0.798499	0.894365
0.711118	0.749182	0.438277	0.61433	0.694717	0.651749	0.624987	0.479214	0.530492	0.830241
0.408852	0.370734	0.321439	0.572537	0.553626	0.459005	0.349735	0.413974	0.468914	0.471648
0.37434	0.35254	0.224244	0.288116	0.361465	0.37664	0.302113	0.48129	0.41151	0.472955
0.400513	0.358358	0.429272	0.215538	0.299178	0.257352	0.233947	0.400526	0.356209	0.379648
0.761174	0.541386	0.444386	0.367629	0.509602	0.361992	0.357429	0.351572	0.416745	0.424678
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	110	111	112	113	114	115	116	117	118	119
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
1.099437	1.779345	0.505377	0.252688	0.665425	1.078161	1.226946	0.831118	1.180475	1.357849	
1.18812	1.010754	1.180857	1.400087	1.16339	1.226132	0.785047	1.016002	0.87719	1.04705	
1.103288	1.131553	0.888324	0.778462	0.747989	0.78803	0.942378	0.736893	0.581685	0.680526	
0.424139	0.792594	0.80808	0.786309	0.606923	0.716561	1.02666	0.594842	0.684149	0.949185	
0.547965	0.669547	0.693338	1.065364	1.073109	1.272609	1.149465	0.420175	0.846857	0.992131	
0.539617	0.54278	0.602663	0.775878	0.884201	0.531563	0.688606	0.549511	0.599636	0.688999	
0.571582	0.8243	0.593289	0.396156	0.781596	0.557556	0.420711	0.686662	0.766813	0.592526	
0.755099	0.669547	0.61578	0.563185	0.704246	0.54513	0.735937	0.898439	0.716037	0.654076	
0.695228	0.669547	0.618452	0.627759	0.502732	0.489175	0.618734	0.707167	0.491295	0.298855	
0.666112	0.407071	0.607862	0.558473	0.45018	0.415667	0.71958	0.573206	0.323128	0.319826	
0.818807	0.567397	0.779979	0.646478	0.552106	0.78803	0.802733	0.758734	0.663446	0.576549	
0.71729	0.691103	0.521213	0.678216	0.511302	0.624734	0.708263	0.90362	1.03734	0.553244	
0.559613	0.822873	0.724124	0.534174	0.427595	0.434243	0.415556	0.447861	0.777196	0.506551	
0.813126	1.247229	0.795813	0.680279	0.591037	0.731588	0.690747	0.545685	1.016337	0.813211	
1.44527	0.787309	0.65283	0.722595	0.828376	0.90054	0.963973	0.921348	0.90098	0.899558	
0.777908	0.604562	0.660635	0.613344	0.758055	0.837638	0.840426	0.896726	0.614731	0.631012	
0.722985	0.584346	0.71959	0.796997	0.818023	0.78536	0.79312	0.843678	0.461724	0.621753	
0.883425	0.875868	0.710662	0.923255	1.100234	0.613836	0.613314	0.895019	0.652467	0.511498	
0.605213	0.561111	0.643267	0.540872	0.567426	0.567115	0.643036	0.605203	0.603141	0.581531	
0.694154	0.668547	0.715103	0.639834	0.534256	0.876898	0.963973	0.618512	0.550977	0.584885	
0.967343	0.818617	0.551525	0.640777	0.542701	0.754531	0.795845	0.814421	0.669554	0.536362	
0.750189	0.577001	0.368135	0.601974	0.572379	0.536038	0.751698	0.504985	0.638883	0.395543	
0.733428	0.532433	0.372169	0.661067	0.588445	0.493233	0.644963	0.808799	0.697061	0.393914	
0.760065	0.616804	0.372169	0.638894	0.664509	0.925543	0.530225	0.594842	0.774577	0.605568	
0.622149	0.543528	0.507161	0.511163	0.506282	0.575244	0.308156	0.574832	0.613829	0.741217	
0.554138	0.417594	0.593289	0.630516	0.477993	0.548975	0.606191	0.655156	0.428118	0.539383	

0.67526	0.547291	0.841099	0.81354	0.616924	0.604959	0.572229	0.742851	0.675749	0.670161
0.478051	0.573776	0.514833	0.638894	0.325736	0.560719	0.43895	0.525585	0.63037	0.416731
0.434045	0.596024	0.519787	0.365552	0.373949	0.438415	0.236205	0.453987	0.554109	0.41616
0.656169	0.52663	0.590767	0.414825	0.416439	0.46496	0.243423	0.535891	0.383989	0.378469
0.540369	0.659647	0.58826	0.587541	0.50344	0.619251	0.539214	0.450913	0.434635	0.673245
0.442376	0.502114	0.28068	0.372112	0.502732	0.339741	0.3912	0.467775	0.455417	0.410491
0.507744	0.571373	0.322435	0.48798	0.591037	0.407225	0.466228	0.570777	0.466193	0.464395
0.712787	0.749595	0.62114	0.605441	0.633805	0.724588	0.625145	0.603459	0.597894	0.631012
0.421267	0.498722	0.535735	0.390815	0.408967	0.487831	0.573046	0.55805	0.506519	0.601177
0.374641	0.265845	0.481652	0.383968	0.389468	0.469439	0.505021	0.395764	0.472009	0.584885
0.470293	0.480849	0.538699	0.377742	0.499913	0.557556	0.48586	0.320648	0.360722	0.472116
0.309372	0.365862	0.524079	0.40704	0.377645	0.412835	0.378992	0.387746	0.455417	0.516502
0.460787	0.368357	0.351877	0.356138	0.365619	0.284696	0.376383	0.464603	0.534894	0.379517
0.498074	0.481498	0.286048	0.447438	0.33333	0.270228	0.418413	0.45895	0.473965	0.437805
0.500815	0.551849	0.473259	0.712457	0.497111	0.462421	0.407099	0.32521	0.39041	0.47734
0.359486	0.404888	0.321533	0.404842	0.280646	0.381791	0.435956	0.385106	0.297577	0.402123
0.463302	0.471864	0.420911	0.28738	0.358966	0.326583	0.383728	0.529238	0.322666	0.530382
0.524839	0.489363	0.50647	0.376199	0.402183	0.481834	0.556194	0.455222	0.431661	0.464395
0.43998	0.391486	0.420911	0.381883	0.370807	0.477226	0.449903	0.372141	0.524494	0.307656
0.62124	0.442395	0.376241	0.451692	0.372375	0.478538	0.449287	0.452755	0.55254	0.374822
0.719559	0.603701	0.492211	0.420472	0.506996	0.582693	0.504321	0.544923	0.538669	0.442025
0.33912	0.445971	0.35333	0.421041	0.421101	0.382843	0.488546	0.294666	0.294541	0.399369
0.357999	0.420971	0.387117	0.351749	0.335249	0.367317	0.457989	0.38616	0.301074	0.486637
0.461414	0.419843	0.250557	0.340257	0.485404	0.307121	0.280594	0.520523	0.35274	0.410491
0.326975	0.443584	0.295287	0.171325	0.363048	0.288071	0.372756	0.408353	0.342965	0.442025
0.422988	0.520192	0.377778	0.235395	0.310029	0.356274	0.352594	0.434092	0.399122	0.338507
0.552587	0.539798	0.440032	0.537138	0.481346	0.449944	0.43835	0.514099	0.502314	0.377424
0.435226	0.492016	0.50924	0.438459	0.364075	0.398945	0.463676	0.434092	0.49677	0.47082
0.319667	0.295281	0.438849	0.398852	0.310483	0.391894	0.37224	0.313447	0.383989	0.570808
0.262854	0.287318	0.368637	0.324481	0.388923	0.387611	0.298483	0.31434	0.238262	0.365582
0.379812	0.336984	0.354788	0.329062	0.410108	0.471372	0.251543	0.225283	0.076276	0.313473
0.274127	0.326859	0.362648	0.376713	0.35593	0.373461	0.316234	0.344431	0.365276	0.374303
0.352102	0.408167	0.37522	0.433746	0.362536	0.366809	0.437151	0.447861	0.411394	0.323038
0.484623	0.539798	0.477758	0.371096	0.406694	0.45303	0.446833	0.46271	0.39041	0.309884
0.394629	0.357971	0.352845	0.41036	0.310029	0.334053	0.399351	0.416764	0.288957	0.279267
0.326975	0.444776	0.402054	0.279092	0.295308	0.350856	0.449903	0.326128	0.418811	0.369664
0.347732	0.458725	0.446598	0.37313	0.320592	0.485823	0.404316	0.307242	0.342482	0.39229
0.313371	0.341666	0.31571	0.275821	0.387294	0.415667	0.356552	0.308123	0.293246	0.327668
0.49603	0.453213	0.366631	0.358595	0.34992	0.357763	0.371211	0.349736	0.286828	0.353066
0.417847	0.382603	0.502348	0.357119	0.222397	0.310231	0.431799	0.336829	0.313539	0.386389
0.438786	0.294014	0.424898	0.460952	0.232147	0.263371	0.391739	0.385106	0.28853	0.40102
0.378773	0.396263	0.27945	0.376199	0.391653	0.275545	0.257041	0.313447	0.401881	0.339942
0.372589	0.331432	0.316155	0.469775	0.330942	0.335468	0.352102	0.277896	0.356712	0.307656
0.393017	0.345922	0.3742	0.376713	0.401622	0.50008	0.373789	0.405585	0.301074	0.2928
0.490625	0.500075	0.478405	0.389754	0.43661	0.372946	0.384258	0.461453	0.376094	0.415021
0.486614	0.507597	0.489547	0.35467	0.439046	0.333112	0.261012	0.416198	0.310837	0.507959
0.439383	0.377973	0.378806	0.437276	0.357952	0.297059	0.338064	0.338244	0.290667	0.419598

0.408299	0.417594	0.395055	0.463454	0.375002	0.410021	0.448672	0.49538	0.498841	0.407125
0.608724	0.43242	0.376753	0.400477	0.405562	0.436026	0.514212	0.435272	0.389871	0.367108
0.367503	0.491351	0.483613	0.325394	0.384592	0.466873	0.483857	0.416198	0.413094	0.353559
0.391411	0.553379	0.546198	0.336025	0.415281	0.506337	0.371211	0.407243	0.446739	0.437805
0.457042	0.59687	0.584113	0.561609	0.556086	0.50008	0.49808	0.551051	0.57257	0.583205
0.514076	0.461817	0.469439	0.468504	0.48337	0.294472	0.3912	0.494701	0.462359	0.418449
0.46016	0.302963	0.517657	0.504215	0.315968	0.350366	0.369159	0.462081	0.418236	0.485966
0.505654	0.362392	0.449615	0.559255	0.440269	0.509147	0.445001	0.5036	0.524494	0.589964
0.515496	0.400015	0.445997	0.534174	0.512746	0.498015	0.431799	0.440623	0.530406	0.566753
0.430523	0.445373	0.424326	0.478133	0.431179	0.407225	0.38109	0.266931	0.550977	0.451825
0.49603	0.565817	0.573513	0.543128	0.376057	0.431877	0.436553	0.39847	0.581685	0.61179
0.779211	0.448974	0.40972	0.41036	0.422863	0.443838	0.3912	0.436456	0.473312	0.466313
0.688823	0.586822	0.509935	0.568747	0.561719	0.495276	0.483857	0.546447	0.488583	0.380567
0.547965	0.478908	0.568707	0.500782	0.424632	0.565507	0.488546	0.548743	0.512191	0.472116
0.561981	0.405978	0.465652	0.499417	0.395503	0.430111	0.463041	0.565961	0.515773	0.36609
0.633195	0.439438	0.432981	0.491312	0.393848	0.429524	0.483857	0.457082	0.506519	0.448124
0.503573	0.453822	0.370652	0.510463	0.470707	0.37089	0.472674	0.49538	0.594431	0.410491
0.57483	0.62758	0.647067	0.595122	0.508426	0.368845	0.519967	0.637859	0.604021	0.547801
0.532165	0.650925	0.40097	0.449864	0.544255	0.451176	0.370184	0.588069	0.487234	0.375341
0.453329	0.5361	0.357229	0.399935	0.555287	0.50008	0.498769	0.577284	0.428118	0.519388
0.62124	0.613271	0.521928	0.650321	0.469395	0.519127	0.558562	0.744052	0.658421	0.584044
0.71729	0.748392	0.596674	0.616903	0.456491	0.406112	0.445001	0.608713	0.601385	0.552462
0.509143	0.62849	0.706265	0.597679	0.369244	0.362765	0.542252	0.55805	0.619273	0.599433
0.44358	0.552613	0.689113	0.523236	0.449554	0.572789	0.514212	0.606078	0.654443	0.599433
0.486614	0.535364	0.586596	0.633291	0.732113	0.664178	0.537703	0.602589	0.577518	0.543189
0.493995	0.671555	0.484924	0.544638	0.746747	0.528605	0.399351	0.531444	0.539429	0.508665
0.599136	0.519483	0.591606	0.512566	0.578229	0.475266	0.582141	0.419605	0.455417	0.61179
0.740532	0.424374	0.598377	0.655173	0.602451	0.599718	0.655717	0.474837	0.570933	0.608224
0.656169	0.465557	0.441813	0.536395	0.539611	0.480512	0.527269	0.409465	0.410263	0.4982
0.612263	0.483451	0.489547	0.621393	0.397718	0.466235	0.592286	0.453987	0.421119	0.588264
0.57483	0.691103	0.681816	0.577634	0.50132	0.630287	0.557771	0.569166	0.612928	0.715459
0.703919	0.860055	0.708458	0.629595	0.682316	0.556769	0.452375	0.571585	0.56124	0.451825
0.64453	0.817208	0.603525	0.50837	0.617845	0.523476	0.506422	0.561987	0.56124	0.378469
0.636941	0.65478	0.58993	0.620492	0.594517	0.513396	0.620556	0.603459	0.52376	0.587417
0.665107	0.743615	0.635765	0.61601	0.624346	0.590272	0.614213	0.647383	0.605788	0.521564
0.507744	0.565817	0.578373	0.563975	0.531225	0.437817	0.570598	0.546447	0.515054	0.639518
0.507046	0.54278	0.544688	0.513269	0.509861	0.584366	0.573865	0.606954	0.42344	0.564339
0.51125	0.58025	0.566324	0.654198	0.579915	0.607603	0.574686	0.564367	0.491295	0.59683
0.66914	0.634915	0.432399	0.617797	0.568248	0.517687	0.423602	0.5036	0.625712	0.532615
0.555695	0.565029	0.279041	0.589214	0.67912	0.386547	0.325853	0.690899	0.598764	0.53411
0.579749	0.505533	0.378292	0.647436	0.734518	0.529342	0.408777	0.681423	0.637929	0.39229
0.559613	0.511059	0.434733	0.464082	0.574876	0.700938	0.519243	0.569166	0.595294	0.458065
0.559613	0.522328	0.422047	0.486654	0.475994	0.534541	0.607075	0.544923	0.491976	0.520838
0.567556	0.538315	0.508546	0.500782	0.581608	0.502156	0.593142	0.502219	0.512905	0.66305
0.6258	0.639563	0.504404	0.513974	0.668634	0.507038	0.505021	0.637859	0.692714	0.605568
0.590601	0.573776	0.47262	0.514679	0.561719	0.556769	0.503624	0.519087	0.484547	0.515784
0.480668	0.494017	0.519076	0.543882	0.528215	0.481173	0.549167	0.47419	0.465552	0.421327

0.620334	0.593495	0.437669	0.561609	0.682316	0.552854	0.573865	0.637859	0.68841	0.607336
0.456421	0.523042	0.522644	0.570349	0.603342	0.611154	0.602673	0.622132	0.633189	0.494083
0.521221	0.397332	0.527688	0.636083	0.479331	0.583529	0.69506	0.466503	0.444291	0.580697
0.60434	0.523042	0.758491	0.743608	0.448929	0.716561	0.703817	0.504292	0.462996	0.788312
0.890112	0.66358	0.566324	0.73885	0.617845	0.615633	0.533948	0.714972	0.647567	0.693299
0.519783	0.528797	0.47262	0.525402	0.619693	0.609375	0.407657	0.565961	0.735879	0.472765
0.507744	0.543528	0.503032	0.526126	0.560102	0.581027	0.510654	0.573206	0.530406	0.509371
0.608724	0.631232	0.547713	0.691802	0.502025	0.557556	0.75917	0.673171	0.550197	0.568371
0.578925	0.672562	0.679754	0.639834	0.564156	0.564705	0.568164	0.619414	0.633189	0.554027
0.558827	0.533164	0.637629	0.651287	0.511302	0.386016	0.627921	0.527043	0.51362	0.56114
0.66914	0.634915	0.83961	0.67412	0.534256	0.510559	0.791764	0.481358	0.4097	0.577376
1.016288	0.734217	0.753586	0.777168	0.637647	0.822877	0.69506	0.594842	0.647567	0.580697
0.535131	0.630316	0.56238	0.617797	0.445816	0.678511	0.522873	0.572395	0.687341	0.43601
0.479357	0.586822	0.538699	0.486654	0.653364	0.604081	0.58803	0.46969	0.49334	0.402123
0.678352	0.539798	0.576747	0.654198	0.635721	0.390819	0.566549	0.441821	0.522297	0.602928
0.845332	0.754438	0.585767	0.593426	0.645434	0.524205	0.447445	0.523408	0.686274	0.671187
0.672189	0.559554	0.513428	0.523236	0.526718	0.490524	0.593142	0.504292	0.56606	0.683684
0.584724	0.549564	0.612243	0.471051	0.504859	0.546664	0.573046	0.544923	0.505113	0.695464
0.684604	0.696397	0.693338	0.665042	0.644453	0.655207	0.552276	0.667082	0.644653	0.627285
0.60173	0.760569	0.62114	0.540872	0.628105	0.573606	0.390662	0.526313	0.622021	0.500966
0.56119	0.679679	0.584939	0.641722	0.708768	0.546664	0.507828	0.538881	0.724098	0.605568
0.783144	0.624861	0.594978	0.763181	0.917807	0.580196	0.737129	0.608713	0.508637	0.617196
0.684604	0.806096	0.681816	0.539375	0.658394	0.596259	0.591431	0.574018	0.583363	0.603806
0.615832	0.551086	0.63391	0.669053	0.598026	0.530821	0.667761	0.66307	0.51362	0.668118
0.65323	0.588481	0.670592	0.691802	0.522257	0.567921	0.818283	0.704962	0.461724	0.642391
0.902067	0.822873	0.774826	0.67412	0.739368	0.731588	0.886729	0.908863	0.63984	0.687931
0.657153	0.680705	0.738016	0.560823	0.50344	0.591122	0.463676	0.643548	0.574213	0.474068
0.651281	0.728444	0.552292	0.666041	0.607822	0.671285	0.539972	0.685609	0.663446	0.530382
0.852998	0.87426	0.501665	0.754509	0.807911	0.618344	0.586339	0.787012	0.698155	0.72118
0.694154	0.773097	0.580824	0.605441	0.730915	0.508443	0.539972	0.601722	0.562039	0.515067
0.917938	0.671555	0.672612	0.665042	0.636683	0.524205	0.539972	0.622132	0.520839	0.548574
0.672189	0.480849	0.606991	0.613344	0.538074	0.652258	0.79312	0.707167	0.607562	0.780319
0.541123	0.539798	0.583288	0.769483	0.690956	0.712039	0.771915	0.820117	0.684149	0.713191
0.614937	0.682765	0.764701	0.748419	0.506996	0.621071	0.612417	0.795054	0.865767	0.681576
0.710553	0.768042	0.597525	0.662057	0.529717	0.572789	0.58803	0.863809	0.789181	0.580697
0.779211	0.67055	0.406967	0.687577	0.721452	0.721129	0.74801	0.649313	0.781154	0.699829
0.627637	0.673571	0.494891	0.562396	0.760609	0.426018	0.448058	0.561197	0.670581	0.703131
0.537368	0.503478	0.533526	0.633291	0.75933	0.455514	0.532454	0.516942	0.488583	0.629145
0.524113	0.533164	0.654768	0.740035	0.633805	0.535289	0.700512	0.538132	0.465552	0.72118
0.599999	0.602841	0.618452	0.657129	0.637647	0.713165	0.677017	0.714972	0.52744	0.48933
0.687764	0.65478	0.625658	0.538628	0.493635	0.773541	0.577984	0.605203	0.842255	0.487981
0.82747	0.586822	0.476468	0.597679	0.57155	0.557556	0.56494	0.630387	0.606674	0.555597
0.632264	0.639563	0.637629	0.670061	0.711047	0.735131	0.675979	0.607833	0.608452	0.705347
0.572392	0.530248	0.595825	0.526126	0.646417	0.716561	0.698323	0.614031	0.627569	0.62267
0.695228	0.351664	0.50924	0.514679	0.67912	0.544365	0.804124	0.609594	0.543244	0.639518
0.791118	0.597718	0.676679	0.70364	0.760609	0.634029	0.938564	0.755017	0.539429	0.732855
0.556476	0.723881	0.65283	0.594273	0.723799	0.78403	0.764223	0.753785	0.675749	0.838115

0.521221	0.682765	0.613125	0.462201	0.618768	0.696576	0.473324	0.514099	0.598764	0.610896
0.690947	0.622158	0.543935	0.652255	0.536543	0.558345	0.580473	0.55962	0.485889	0.550125
0.665107	0.62758	0.575127	0.627759	0.646417	0.760776	0.841943	0.821553	0.587587	0.614485
0.70173	0.734217	0.649939	0.582559	0.649381	0.648356	0.660695	0.628539	0.684149	0.48933
0.731085	0.586822	0.777395	0.637018	0.633805	0.568728	0.724191	0.507071	0.448584	0.626358
0.851454	0.77437	0.611363	0.697143	0.714488	0.668225	0.573046	0.544163	0.577518	0.832126
0.560401	0.709373	0.570303	0.608935	0.616005	0.536038	0.54685	0.681423	0.840732	0.797826
0.574016	0.800645	0.659652	0.85017	0.81511	0.76839	0.534696	0.735712	0.67471	0.579033
0.770171	0.710472	0.468173	0.910773	0.851428	0.586887	0.578812	0.6995	0.687341	0.521564
0.720698	0.815803	0.429498	0.801074	0.81511	0.888558	1.00622	0.883258	0.894049	0.691144
0.70833	0.671555	0.57756	0.506288	0.716797	0.695493	0.831433	0.626698	0.689482	0.659039
0.82747	0.806096	0.690165	0.604571	0.585868	0.705345	0.693978	0.606078	0.434635	0.800583
0.811717	0.905868	0.768471	0.857882	0.780254	0.764566	0.651776	0.725218	0.679929	0.699829
0.627637	0.97899	0.743939	0.70038	0.717956	0.686919	0.693978	0.585556	0.727599	0.657047
0.836309	0.863172	0.630223	0.865733	0.721452	0.703136	0.675979	0.755017	0.849952	0.718883
1.114438	0.900722	0.510631	0.823489	0.69755	0.691184	0.790412	0.788342	0.781154	0.844188
0.659128	0.802001	0.589094	0.526126	0.629996	0.698752	0.61692	0.665072	0.827259	0.671187
0.820239	0.630316	0.547713	0.760686	0.619693	0.615633	0.809732	0.839162	0.653454	0.817503
0.705018	0.615034	0.667581	0.989575	0.708768	0.530081	0.721879	0.756252	0.569303	1.06447
0.564361	0.590981	0.732174	0.732974	0.989636	0.632154	0.564137	0.666076	0.693797	0.634772
0.602598	0.626671	0.696534	0.523956	0.735725	0.833157	0.64787	0.622132	0.629435	0.512922
0.652255	0.686914	0.569504	0.566354	0.717956	0.471372	0.58803	0.585556	0.461089	0.505148
0.792461	0.755657	0.596674	0.70913	0.682316	0.523476	0.690747	0.728688	0.575037	0.626358
0.599999	0.736547	0.649939	0.652255	0.767059	0.63122	0.650796	0.589752	0.691634	0.511498
0.690947	0.708276	0.706265	0.817776	0.719118	0.534541	0.801347	0.701676	0.537155	0.589113
0.646448	0.660627	0.870407	1.00677	0.724977	0.752058	0.93667	0.653199	0.5364	0.639518
0.688823	0.667549	0.695466	0.639834	0.677003	0.699844	0.684356	0.777813	0.640798	0.62451
0.747754	0.672562	0.611363	0.469775	0.533496	0.623815	0.448058	0.659095	0.673674	0.584885
0.961347	0.727299	0.390803	0.649357	0.661441	0.407783	0.539214	0.689836	0.469415	0.53787
0.910813	0.778211	0.647067	0.760686	0.708768	0.527133	0.485191	0.631314	0.610237	0.550125
0.67117	0.699605	0.526241	0.531964	0.485404	0.452411	0.386915	0.443022	0.453543	0.532615
0.659128	0.468069	0.540189	0.580911	0.57655	0.532305	0.542252	0.44847	0.409136	0.571624
0.548732	0.545029	0.580824	0.4827	0.524482	0.570348	0.556982	0.493349	0.45292	0.722334
0.463932	0.640498	0.512727	0.434332	0.472682	0.690114	0.469439	0.639747	0.719473	0.650146
0.525566	0.66556	0.592447	0.331834	0.545814	0.716561	0.541491	0.5814	0.647567	0.490683
0.811717	0.62758	0.546198	0.71581	0.653364	0.449944	0.569785	0.574832	0.478563	0.472765
0.638826	0.689004	0.560813	0.79162	0.636683	0.497328	0.606191	0.443624	0.651483	0.557964
0.558827	0.519483	0.498942	0.591736	0.470707	0.383898	0.508533	0.492674	0.443072	0.53787
0.574016	0.403258	0.507161	0.511864	0.452064	0.506337	0.68754	0.593989	0.338159	0.553244
0.464564	0.462438	0.632985	0.614231	0.504148	0.666197	0.530967	0.669102	0.470062	0.53187
0.522665	0.550324	0.665585	0.522516	0.711047	0.683747	0.477901	0.693033	0.640798	0.595965
0.595702	0.560332	0.592447	0.484014	0.598907	0.489175	0.481199	0.55028	0.604904	0.61179
0.705018	0.709373	0.606991	0.682351	0.531225	0.556769	0.633528	0.545685	0.569303	0.572441
0.514076	0.731899	0.572709	0.608935	0.581608	0.518407	0.483857	0.45214	0.539429	0.490006
0.558042	0.521615	0.50578	0.593426	0.545034	0.483824	0.484523	0.481358	0.42344	0.449354
0.66914	0.621261	0.793134	0.589214	0.428787	0.571974	0.554623	0.487979	0.437029	0.523752
0.574016	0.616804	0.685971	0.557693	0.506996	0.673337	0.5178	0.628539	0.585048	0.540142

0.585558	0.655749	0.660635	0.632364	0.535017	0.570348	0.354074	0.621224	0.497459	0.482628
0.763827	0.623057	0.546198	0.605441	0.492252	0.409461	0.461772	0.529972	0.431661	0.365074
0.687764	0.632149	0.546955	0.685479	0.656375	0.519127	0.613314	0.524858	0.481212	0.519388
0.52922	0.576193	0.432981	0.47619	0.653364	0.573606	0.483857	0.525585	0.6505	0.569182
0.556476	0.577811	0.496912	0.636083	0.641523	0.551298	0.568164	0.498786	0.416515	0.543189
0.509143	0.458109	0.65867	0.694999	0.514196	0.683747	0.566549	0.430571	0.44125	0.578203
0.507744	0.499398	0.458177	0.539375	0.514923	0.519127	0.526533	0.565961	0.567678	0.550125
0.504266	0.679679	0.484268	0.511163	0.4895	0.576065	0.452995	0.44969	0.56284	0.449354
0.681467	0.577001	0.478405	0.292429	0.447058	0.489175	0.475279	0.44969	0.365785	0.445674
0.694154	0.557228	0.500301	0.288637	0.471364	0.607603	0.63447	0.565163	0.492657	0.547801
0.588913	0.584346	0.502348	0.472971	0.515651	0.473315	0.483191	0.459575	0.575863	0.486637
0.539617	0.434747	0.579189	0.544638	0.448929	0.472019	0.443784	0.465235	0.479224	0.458065
0.422988	0.347828	0.445997	0.473613	0.443959	0.557556	0.516361	0.502909	0.520111	0.555597
0.467738	0.486069	0.428344	0.445627	0.472023	0.609375	0.502231	0.478738	0.571751	0.546258
0.557258	0.694272	0.494219	0.364551	0.488815	0.611154	0.538458	0.441821	0.540951	0.5289
0.703919	0.506908	0.424326	0.457224	0.502732	0.467513	0.595721	0.514808	0.461724	0.518665
0.581401	0.501433	0.500982	0.69607	0.630945	0.59454	0.509946	0.486646	0.522297	0.41559
0.559613	0.482148	0.538699	0.747212	0.429383	0.421387	0.495335	0.401192	0.434038	0.481964
0.587233	0.38157	0.564742	0.581734	0.364075	0.479195	0.414987	0.25702	0.32964	0.621753
0.594848	0.533896	0.482305	0.47619	0.459041	0.584366	0.527269	0.394686	0.376616	0.521564
0.551041	0.671555	0.537215	0.374151	0.509861	0.585205	0.43775	0.560408	0.514337	0.555597
0.591447	0.590981	0.482958	0.506981	0.468087	0.539803	0.483191	0.614031	0.526701	0.506551
0.569162	0.485413	0.465024	0.496698	0.466783	0.511266	0.571413	0.641643	0.458559	0.396088
0.470293	0.516657	0.447199	0.452915	0.556086	0.456138	0.46751	0.537383	0.460455	0.479976
0.542634	0.46744	0.509935	0.66305	0.63958	0.547433	0.514212	0.494024	0.381341	0.483294
0.527754	0.546535	0.554599	0.570349	0.435397	0.54056	0.612417	0.456461	0.39041	0.547029
0.391411	0.557228	0.529868	0.513269	0.502732	0.599718	0.524333	0.562779	0.462996	0.457437
0.434045	0.579436	0.560031	0.4827	0.504148	0.581859	0.536949	0.582228	0.544779	0.45681
0.532165	0.498047	0.456943	0.602838	0.51711	0.435431	0.58803	0.565961	0.454167	0.405451
0.599136	0.601983	0.495564	0.529766	0.566607	0.447492	0.475933	0.508468	0.455417	0.50166
0.55027	0.439438	0.48035	0.503526	0.528965	0.504241	0.48653	0.457082	0.398023	0.521564
0.484623	0.46744	0.557695	0.450472	0.529717	0.520572	0.513498	0.489315	0.357711	0.53787
0.543392	0.603701	0.595825	0.660079	0.631896	0.581859	0.579642	0.544923	0.424605	0.59167
0.507744	0.56819	0.586596	0.460328	0.504148	0.580196	0.446833	0.457082	0.525964	0.481964
0.630407	0.480201	0.448405	0.485992	0.422275	0.419663	0.475933	0.523408	0.616542	0.468238
0.712787	0.51315	0.498942	0.625931	0.553694	0.493913	0.460507	0.496059	0.507224	0.39229
0.718423	0.638629	0.460034	0.460952	0.455856	0.515536	0.499459	0.514099	0.49334	0.413884
0.67526	0.494686	0.381904	0.356138	0.460964	0.491876	0.627921	0.612251	0.409136	0.49272
0.718423	0.448974	0.527688	0.412029	0.591037	0.586887	0.684356	0.553371	0.452298	0.605568
0.594848	0.546535	0.488884	0.345487	0.490186	0.597122	0.542252	0.458327	0.467479	0.517222
0.449037	0.498047	0.488221	0.465972	0.382443	0.528605	0.494651	0.506375	0.578348	0.507959
0.67117	0.577001	0.401512	0.501467	0.508426	0.511975	0.481862	0.641643	0.467479	0.430667
0.636941	0.603701	0.482958	0.575192	0.569071	0.578539	0.483191	0.45214	0.370909	0.460586
0.657153	0.710472	0.475181	0.593426	0.538842	0.581027	0.512074	0.554148	0.462359	0.479976
0.64262	0.745997	0.602663	0.701464	0.649381	0.56631	0.632588	0.5814	0.571751	0.62451
0.60173	0.793926	0.805324	0.792958	0.652364	0.548975	0.528744	0.51623	0.721779	0.667099
0.441776	0.569779	0.739194	0.626844	0.591037	0.63497	0.427096	0.488646	0.580014	0.673245

0.636001	0.507597	0.43708	0.613344	0.744273	0.581859	0.405983	0.66307	0.62294	0.39175
0.643574	0.547291	0.659652	0.748419	0.948275	0.880198	0.656708	0.827343	0.677834	0.509371
0.628558	0.502795	0.663598	0.682351	0.648391	0.621984	0.609738	0.738078	0.677834	0.629145
0.784463	0.711573	0.644214	0.711345	0.672798	0.485823	0.556982	0.673171	0.497459	0.550903
0.656169	0.67055	0.57432	0.714689	0.777583	0.700938	0.785047	0.593139	0.426944	0.557964
0.567556	0.570575	0.593289	0.67514	0.650373	0.7399	0.797214	0.593989	0.702557	0.726978
0.674234	0.748392	0.740376	0.670061	0.595392	0.759519	0.612417	0.557267	0.562039	0.695464
0.792461	0.775647	0.628391	0.731809	0.626221	0.722279	0.563336	0.724068	0.614731	0.606451
0.71729	0.811616	0.653798	0.782368	0.616924	0.793421	0.559354	0.588069	0.575037	0.534859
0.766354	0.804727	0.578373	0.744806	0.499913	0.666197	0.68754	0.745257	0.570933	0.520838
0.685655	0.680705	0.702997	0.77203	0.541153	0.579367	0.601798	0.552597	0.551758	0.552462
0.574016	0.734217	0.87522	0.766951	0.537308	0.593683	0.730024	0.615818	0.670581	0.583205
0.564361	0.689004	0.756031	0.460328	0.344483	0.556769	0.637306	0.571585	0.636027	0.666084
0.747754	0.806096	0.647067	0.4032	0.564156	0.62016	0.491249	0.657121	0.690557	0.527423
0.660119	0.583524	0.640439	0.53123	0.579071	0.684801	0.561739	0.562779	0.615636	0.556385
0.686708	0.450786	0.430656	0.498055	0.480002	0.769672	0.655717	0.526313	0.47266	0.505849
0.729919	0.544278	0.434733	0.671072	0.861003	0.671285	0.587184	0.585556	0.548642	0.595965
0.760065	0.849319	0.743939	0.875346	0.789735	0.642568	0.801347	0.658107	0.722937	0.734039
0.594848	0.863172	0.999536	0.619592	0.443959	0.665186	0.7312	0.578926	0.673674	0.83661
0.558827	0.747193	0.720719	0.599392	0.536543	0.698752	0.663709	0.67831	0.802898	0.763491
0.740532	0.806096	0.824994	0.822053	0.998403	1.184152	0.900421	0.961115	0.929867	0.618104
0.536621	0.749595	1.106134	1.033911	0.946307	1.272609	1.205364	0.930492	0.856209	0.710936
0.82747	0.797945	0.748735	0.934246	0.642497	0.723432	0.840426	0.975224	0.842255	0.760959
1.000799	0.882358	0.718464	1.216966	0.686615	0.690114	0.86536	1.056047	0.854636	0.75345
0.692014	1.243458	1.05199	0.70913	0.772289	0.959962	0.976222	1.078843	1.049462	0.804752
0.696305	0.847807	0.937577	0.534174	0.665536	0.827253	0.954024	0.779115	0.909803	0.91189
0.763827	0.837366	0.748735	0.507675	0.812216	0.737509	0.74314	0.818686	0.928004	0.744851
1.037049	1.303773	1.326777	1.017873	1.040203	1.031162	1.033693	1.07625	1.276853	0.979421
0.811717	0.861611	1.084705	0.801074	0.747989	0.944327	0.919983	0.627618	0.775884	0.793723
0.936281	0.864739	0.729858	0.851701	0.816564	0.921882	1.063022	0.957167	0.711497	0.555597
1.306638	0.98516	0.758491	1.145007	1.070487	0.878545	1.198402	0.9651	0.857787	0.587417
0.729919	0.939958	1.374995	0.799711	0.859392	0.656195	0.910982	0.652225	0.998484	0.874256
0.462671	0.651886	1.047169	0.77203	0.898035	0.904025	0.91636	0.724068	0.918808	1.069578
0.917938	0.928901	1.006029	0.842593	1.186663	1.914364	0.968018	1.111228	1.29378	1.373082
0.981664	1.002054	1.164849	0.872118	0.83138	1.260515	1.146391	1.020526	1.056901	1.434007
0.815957	0.925277	0.76721	0.903799	0.717956	0.737509	0.938564	0.998363	0.775884	0.793723
0.955433	0.80747	0.66162	1.000242	0.91965	0.893653	0.824078	1.201189	0.97924	0.72003
1.095109	0.825733	1.035345	0.939848	0.872447	0.898808	0.970054	0.991929	1.289486	1.054431
0.710553	0.943707	0.978567	0.862576	0.923359	0.880198	0.827005	0.544163	0.87554	1.051957
0.88012	1.010754	0.793134	0.680279	0.938522	0.811419	0.542252	0.751331	0.754174	1.13608
1.032349	1.071997	0.690165	0.773309	0.875773	1.031162	0.778431	1.19435	1.229704	1.074206
0.871965	0.82145	1.23276	0.953208	0.641523	0.810008	0.582978	0.881604	0.892333	1.085274
1.049027	0.97899	0.960524	1.220538	0.882502	0.725747	0.701611	1.119716	0.645622	0.646251
1.184787	0.778211	0.826434	1.378918	0.668634	0.703136	1.073256	0.865397	0.754174	0.771177
1.066371	1.291022	1.097974	1.004583	0.79803	0.867147	0.921805	0.91417	0.920632	0.785631
0.533645	0.8463	1.131579	0.662057	0.736936	0.836139	1.01068	0.811601	0.931738	0.903046
0.843816	1.128661	0.827878	0.518224	0.910513	1.113525	0.783715	0.926811	0.797359	0.749744

1.071457	0.983093	0.832241	0.761932	0.894535	1.244897	1.188163	1.134242	0.771973	0.851901
0.783144	0.633991	0.471982	0.661067	0.659407	0.681645	0.659695	0.785686	0.605788	0.651125
0.693083	0.808847	0.543935	0.814947	0.758055	0.649328	0.692898	0.788342	0.56849	0.529641
1.084437	1.14932	0.895028	1.110263	1.025818	1.09958	1.038446	0.801872	0.646594	0.874256
0.873584	0.761806	0.966456	0.851701	1.002854	1.218848	0.789065	0.67215	0.764255	0.88926
0.609606	0.518068	0.762206	0.726027	1.16664	0.888558	0.622386	0.55962	0.731128	0.884201
0.736965	0.775647	0.705173	0.705828	0.838982	0.801635	0.735937	0.695178	1.054407	1.005223
0.744128	0.877481	0.813645	0.71806	0.729721	0.80302	0.790412	0.691965	0.848402	0.769886
0.783144	0.776927	0.8067	0.77976	0.598907	0.618344	0.602673	0.702769	0.498149	0.396088
0.907293	0.709373	0.59923	0.781062	0.59979	0.555983	0.693978	0.635042	0.470062	0.479316
0.938159	0.962954	0.809465	0.803814	0.825393	0.876898	0.740726	0.670116	0.6505	0.754693
0.61943	0.673571	0.745133	0.576818	0.482694	0.680598	0.625145	0.56676	0.737075	0.894379
0.64262	0.825733	0.819283	0.622297	0.631896	0.684801	0.505721	0.616714	0.80012	0.687931
0.961347	1.197206	0.930189	0.798352	0.788368	0.763299	0.77451	0.549511	0.591852	0.72118
0.775314	0.722747	0.702997	0.70913	0.666566	0.750827	0.790412	0.679345	0.655434	0.644317
0.80336	0.712678	0.602663	0.679246	0.647403	0.641611	0.726515	0.953255	0.642721	0.645283
0.731085	0.5361	0.546955	0.859441	0.803649	0.749599	0.538458	0.698415	0.61745	0.627285
0.720698	0.556455	0.581644	0.639834	0.591037	0.687981	0.429441	0.408908	0.520111	0.643353
0.638826	0.590981	0.718464	0.661067	0.534256	0.629357	0.534696	0.494701	0.501617	0.614485
0.617627	0.860055	0.642322	0.633291	0.738151	0.773541	0.583816	0.744052	0.778511	0.708691
0.645488	0.755657	0.786506	0.706926	0.744273	0.888558	0.890112	0.717228	0.811341	1.069578
0.65323	0.614152	0.580006	0.671072	0.647403	0.690114	0.641118	0.910624	0.671609	0.685802
0.761316	0.778211	0.602663	0.80519	0.643474	0.867147	0.659695	0.815838	0.603141	0.584885
0.664105	0.768042	0.790471	0.691802	0.619693	0.891948	0.662702	0.611363	0.740683	0.684742
0.613153	0.608895	0.790471	0.607184	0.634762	0.744723	0.525799	0.365549	0.677834	0.817503
0.602598	0.66358	0.648022	0.503526	0.708768	0.691184	0.475279	0.61314	0.673674	0.594242
0.756335	0.719365	0.724124	0.69607	0.82243	0.705345	0.646899	0.787012	0.773273	0.69438
0.746542	0.708276	0.699754	0.788957	0.638612	0.707565	0.575508	0.659095	0.6505	0.528161
0.617627	0.649967	0.640439	0.756969	0.675948	0.610263	0.626994	0.520523	0.550977	0.450588
0.672189	0.797945	0.752368	0.856329	0.723799	0.670263	0.69506	0.564367	0.595294	0.732855
0.646448	0.66358	0.667581	0.591736	0.561719	0.699844	0.643999	0.673171	0.690557	1.016444
0.480668	0.717124	0.779979	0.589214	0.504148	0.750827	0.642076	0.697333	0.80012	0.818944
0.703919	0.664569	0.580006	0.601111	0.925226	0.821428	0.527269	0.750109	0.731128	0.637614
0.746542	0.601983	0.612243	0.661067	0.703123	0.863945	0.74801	0.702769	0.716037	0.788312
0.521942	0.498722	0.432981	0.59258	0.677003	0.477881	0.494651	0.680383	0.636027	0.658042
0.541123	0.561111	0.324246	0.574381	0.616005	0.541319	0.475933	0.865397	0.75169	0.731673
0.558042	0.587651	0.379321	0.585874	0.561719	0.564705	0.574686	0.696254	0.613829	0.643353
0.471576	0.468699	0.558472	0.67412	0.595392	0.641611	0.67391	0.534404	0.468768	0.595103
0.493995	0.546535	0.502348	0.546914	0.673845	0.665186	0.538458	0.521963	0.48926	0.642391
0.580574	0.601983	0.670592	0.614231	0.57655	0.599718	0.553839	0.645461	0.862557	0.947242
0.51125	0.522328	0.73567	0.536395	0.486084	0.644489	0.549167	0.541137	0.531897	0.571624
0.566755	0.503478	0.47262	0.652255	0.547378	0.613836	0.582141	0.641643	0.522297	0.461852
0.640719	0.620366	0.467542	0.669053	0.692048	0.719983	0.650796	0.598268	0.575037	0.581531
0.47222	0.498722	0.426043	0.449256	0.506282	0.629357	0.643999	0.509168	0.571751	0.662044
0.458286	0.548805	0.547713	0.394547	0.540382	0.503545	0.483857	0.535891	0.693797	0.635717
0.478704	0.648057	0.521213	0.395083	0.648391	0.646418	0.595721	0.694104	0.641759	0.556385
0.337701	0.572173	0.57432	0.451082	0.484047	0.617438	0.700512	0.562779	0.495394	0.525951

0.401137	0.389379	0.436493	0.438459	0.556886	0.538293	0.488546	0.562779	0.484547	0.511498
0.489954	0.412024	0.462522	0.594273	0.700885	0.593683	0.597448	0.684559	0.507224	0.561114
0.533645	0.58025	0.584113	0.667043	0.579915	0.729242	0.625145	0.578104	0.577518	0.538626
0.527754	0.416474	0.544688	0.626844	0.379771	0.556769	0.585497	0.496739	0.597026	0.638565
0.374127	0.52663	0.526964	0.484014	0.570722	0.487161	0.496705	0.423613	0.628501	0.5289
0.427609	0.492682	0.573513	0.62411	0.780254	0.735131	0.685415	0.625781	0.595294	0.664059
0.53069	0.559554	0.596674	0.53123	0.541927	0.644489	0.509239	0.600856	0.59271	0.633829
0.521942	0.630316	0.443004	0.436096	0.647403	0.565507	0.535446	0.642595	0.534894	0.332818
0.583059	0.639563	0.559251	0.567948	0.544255	0.509852	0.552276	0.526313	0.483878	0.214051
0.61049	0.411471	0.638563	0.655173	0.384054	0.489849	0.669801	0.563572	0.520111	0.448124
0.636001	0.541286	0.663598	0.541623	0.527466	0.636857	0.591431	0.477434	0.539429	0.693299
0.553362	0.759336	0.598377	0.291584	0.506996	0.674367	0.43417	0.36354	0.697061	0.66305
0.646448	0.634915	0.637629	0.506288	0.493635	0.532305	0.545312	0.446646	0.525228	0.597696
0.386629	0.476976	0.540189	0.529766	0.480673	0.517687	0.507124	0.434682	0.468123	0.509371
0.437596	0.545029	0.578373	0.544638	0.652364	0.481834	0.496705	0.492	0.403544	0.579864
0.558827	0.62758	0.73567	0.686526	0.637647	0.657185	0.642076	0.496739	0.503012	0.612687
0.742926	0.528797	0.55076	0.581734	0.445196	0.558345	0.74801	0.624866	0.57257	0.506551
0.588913	0.410367	0.516243	0.579269	0.41586	0.662168	0.626068	0.489315	0.575863	0.528161
0.654207	0.46744	0.625658	0.66305	0.438436	0.677471	0.637306	0.49947	0.531151	0.610003
0.627637	0.529522	0.573513	0.567948	0.526718	0.551298	0.674943	0.483994	0.456671	0.534859
0.648375	0.619473	0.58993	0.474255	0.474666	0.473315	0.568974	0.476783	0.578348	0.53411
0.585558	0.566607	0.58993	0.444424	0.480673	0.463688	0.554623	0.535891	0.669554	0.632888
0.638826	0.46933	0.493549	0.667043	0.727343	0.612046	0.652758	0.535891	0.466193	0.585727
0.729919	0.426658	0.560031	0.719189	0.591037	0.613836	0.571413	0.595696	0.550977	0.514351
0.647411	0.394133	0.836647	0.676163	0.448304	0.716561	0.693978	0.535891	0.466836	0.615387
0.689884	0.535364	0.51413	0.685479	0.482694	0.671285	0.581307	0.634107	0.446125	0.610003
0.646448	0.551086	0.485582	0.625931	0.494328	0.644489	0.557771	0.527043	0.496082	0.499581
0.611376	0.744805	0.555371	0.442626	0.480673	0.560719	0.54073	0.511274	0.580849	0.500273
0.427609	0.464307	0.498265	0.568747	0.510581	0.463688	0.575508	0.554925	0.485889	0.543189
0.581401	0.544278	0.549997	0.50837	0.663484	0.510559	0.48653	0.590596	0.531897	0.365074
0.726438	0.471229	0.606991	0.560823	0.552899	0.532305	0.541491	0.563572	0.534894	0.411619
0.649342	0.577001	0.781276	0.755738	0.758055	0.567921	0.526533	0.554148	0.529663	0.518665
0.712787	0.615918	0.623845	0.646478	0.628105	0.527133	0.48653	0.598268	0.477244	0.410491
0.623058	0.722747	0.610485	0.516094	0.422863	0.655207	0.615113	0.488646	0.479886	0.487309
0.474802	0.65672	0.571905	0.626844	0.431179	0.682694	0.490572	0.341089	0.558056	0.533362
0.519065	0.644261	0.74633	0.80657	0.508426	0.63497	0.642076	0.492	0.452298	0.45681
0.54415	0.639563	0.490877	0.516094	0.584159	0.508443	0.509946	0.533662	0.456671	0.457437
0.540369	0.504847	0.462522	0.563185	0.46225	0.509852	0.577157	0.578104	0.426944	0.541663
0.594848	0.495356	0.50578	0.602838	0.462895	0.441419	0.657701	0.623953	0.478563	0.553244
0.637882	0.646155	0.57756	0.547675	0.569896	0.481173	0.535446	0.560408	0.48926	0.545489
0.578103	0.575386	0.657692	0.688629	0.555287	0.638753	0.68754	0.437048	0.51362	0.581531
0.561981	0.577001	0.698678	0.678216	0.590171	0.716561	0.549942	0.399013	0.503711	0.66507
0.70833	0.674583	0.604389	0.693931	0.727343	0.590272	0.386915	0.519087	0.574213	0.61179
0.52922	0.589312	0.51413	0.606312	0.787005	0.542839	0.476588	0.507769	0.633189	0.646251
0.508443	0.485413	0.486899	0.634219	0.605128	0.502156	0.602673	0.600856	0.684149	0.713191
0.582229	0.653813	0.571905	0.698219	0.67806	0.63497	0.642076	0.636918	0.612928	0.545489
0.573203	0.632149	0.571905	0.605441	0.555287	0.54513	0.511363	0.454604	0.604021	0.555597

0.524839	0.497372	0.596674	0.520365	0.459041	0.567115	0.499459	0.55962	0.559645	0.655064
0.599136	0.661609	0.833705	0.867321	0.492943	0.696576	0.954024	0.898439	0.735879	0.877546
0.670154	0.872659	0.651864	0.61601	0.662461	0.745937	0.77451	0.622132	0.766813	0.59683
0.624884	0.83151	0.69122	0.556137	0.536543	0.704239	0.526533	0.526313	0.61745	0.566753
0.643574	0.680705	0.584939	0.820623	0.574042	0.427184	0.679102	0.627618	0.615636	0.547029
0.76257	0.905868	0.724124	1.065364	0.944348	0.638753	0.67391	0.667082	0.783813	0.654076
0.66914	0.872659	0.880088	0.830737	0.864242	0.822877	0.630715	0.609594	0.665473	0.738811
0.663105	0.655749	0.685971	0.685479	0.578229	0.686919	0.659695	0.697333	0.66853	0.826218
0.648375	0.692157	0.715103	0.623203	0.545814	0.666197	0.938564	0.878314	0.843784	0.789658
0.917938	0.955152	0.888324	0.822053	0.739368	0.656195	0.696145	0.830268	0.606674	0.521564
0.771451	0.705004	0.659652	0.625019	0.629049	0.603205	0.499459	0.720635	0.728772	0.50166
0.834824	0.730744	0.557695	0.685479	0.630945	0.656195	0.612417	0.784364	0.720625	0.607336
1.020816	0.893954	0.632985	0.670061	0.749235	1.010558	0.83441	0.766265	0.817062	0.736419
0.776609	0.791267	0.489547	0.666041	0.526718	0.794779	0.708263	0.649313	0.68309	0.648194
0.693083	0.532433	0.57432	0.758205	0.602451	0.485156	0.737129	0.71161	0.606674	0.698734
0.602598	0.344499	0.608735	0.686526	0.715641	0.671285	1.068109	0.926811	0.750453	0.86614
0.983749	0.87426	0.683888	0.803814	0.854596	0.837638	1.00622	0.947451	0.825788	0.595103
0.806128	0.907597	0.706265	0.574381	0.690956	0.692257	0.626068	0.528505	0.67888	0.643353
0.720698	0.664569	0.705173	0.734143	0.758055	0.626577	0.586339	0.732186	0.679929	0.65309
0.86555	0.708276	0.643267	0.668047	0.88081	0.905778	0.812564	0.792357	0.782482	0.737613
0.651281	0.686914	0.772273	0.511864	0.617845	0.773541	0.700512	0.61314	0.716037	0.81179
0.600864	0.558002	0.47262	0.56556	0.480673	0.40279	0.657701	0.586392	0.637929	0.945308
0.684604	0.67055	0.570303	0.609813	0.69755	0.621984	0.786382	0.756252	0.931738	1.044618
0.726438	0.736547	0.664591	0.77203	0.859392	0.822877	0.77712	0.828803	0.825788	0.769886
0.498074	0.546535	0.71959	0.507675	0.598907	0.79888	0.659695	0.61314	0.57257	0.534859
0.548732	0.641436	0.58993	0.412029	0.603342	0.62016	0.452375	0.742851	0.620187	0.469527
0.636001	0.558777	0.579189	0.534913	0.53047	0.633091	0.544545	0.67215	0.719473	0.702028
0.470934	0.57458	0.523361	0.571153	0.44211	0.580196	0.439551	0.521963	0.661429	0.599433
0.455181	0.584346	0.592447	0.497376	0.467435	0.507038	0.505021	0.422464	0.606674	0.613585
0.542634	0.647105	0.602663	0.687577	0.670711	0.586887	0.655717	0.721776	0.733497	0.779001
0.398413	0.599419	0.50924	0.51965	0.618768	0.581027	0.662702	0.557267	0.811341	0.928278
0.325136	0.413132	0.563166	0.595972	0.593645	0.571974	0.469439	0.624866	0.741892	0.654076
0.478704	0.685873	0.638563	0.503526	0.675948	0.509147	0.455485	0.770081	0.897501	0.803358
0.706119	0.885639	0.76721	0.611575	0.61144	0.673337	0.77451	0.709383	0.722937	0.758442
0.531427	0.605425	0.560031	0.561609	0.57155	0.527133	0.604428	0.654177	0.64952	0.550125
0.622149	0.59687	0.508546	0.61512	0.612349	0.536789	0.604428	0.686662	0.535646	0.546258
0.667119	0.561111	0.461899	0.734143	0.645434	0.782705	0.761689	0.701676	0.55885	0.683684
0.588913	0.690052	0.51413	0.764434	0.719118	0.735131	0.751698	0.602589	0.515054	0.712062
0.623058	0.828612	0.910499	0.673101	0.767059	0.67231	0.799965	0.541137	0.66649	0.717739
0.571582	0.838842	0.598377	0.629595	0.854596	0.834646	0.86536	0.706063	0.90098	0.930137
0.736965	0.735381	0.696534	0.816359	0.746747	0.885195	0.64593	0.654177	0.521567	0.755939
0.56119	0.459341	0.683888	0.618694	0.675948	0.759519	0.563336	0.561197	0.580849	0.562736
0.62397	0.523042	0.628391	0.63515	0.68878	0.629357	0.519967	0.955207	0.786489	0.580697
0.823117	1.476256	0.945092	0.737669	0.733314	0.716561	0.815414	0.767533	0.750453	0.589113
0.987949	0.885639	0.867227	0.853238	0.633805	0.654222	0.806919	0.593139	0.691634	0.67635
0.665107	0.65672	0.838126	0.807955	0.591905	0.617438	0.730024	0.551051	0.787833	0.775072
0.630407	0.861611	0.901836	0.80657	0.652364	0.842166	0.885047	0.777813	0.811341	0.83661

0.792461	0.705004	0.768471	1.01563	0.59979	0.697663	0.840426	0.71161	0.559645	0.584885
0.620334	0.698533	0.545442	0.698219	0.675948	0.687981	0.600053	0.511274	0.502314	0.553244
0.524839	0.67055	0.498265	0.604571	0.707633	0.697663	0.71958	0.753785	0.916992	0.838115
0.501503	0.647105	0.616669	0.652255	0.750484	0.814255	1.075852	0.729851	0.68098	0.684742
0.583891	0.594336	0.62114	0.613344	0.672798	0.747154	0.903913	0.576465	0.508637	0.556385
0.670154	0.517362	0.632063	0.750845	0.583307	0.895364	0.846526	0.650281	0.581685	0.67635
0.577283	0.682765	0.95274	0.907272	0.79803	0.856041	0.723034	0.884919	0.588436	0.697641
0.768895	0.847807	0.631142	0.689684	0.583307	0.570348	0.479877	0.679345	0.573391	0.648194
0.498758	0.692157	0.534998	0.516094	0.544255	0.53754	0.534696	0.627618	0.781154	0.696552
0.545672	0.759336	0.614008	0.697143	0.829875	0.796142	0.713885	0.779115	0.849952	0.658042
0.862378	0.802001	0.778685	1.072958	0.788368	0.698752	0.668779	0.682466	0.591852	0.551682
0.779211	0.679679	0.516949	0.768215	0.712191	0.633091	0.720728	0.677277	0.48321	0.5289
0.705018	0.52591	0.488221	0.586706	0.480002	0.733947	0.684356	0.504985	0.456671	0.594242
0.579749	0.638629	0.58826	0.573572	0.597146	0.781384	0.568164	0.514099	0.55254	0.440211
0.631334	0.619473	0.482305	0.662057	0.525226	0.604081	0.58803	0.458327	0.460455	0.442025
0.590601	0.465557	0.596674	0.679246	0.457127	0.680598	0.624223	0.42592	0.589288	0.515067
0.627637	0.709373	0.83961	0.722595	0.590171	0.956001	0.769336	0.593139	0.741892	0.83661
0.719559	0.783386	0.684928	0.854781	0.749235	0.621984	0.482526	0.614923	0.611132	0.587417
0.561981	0.669547	0.511329	0.573572	0.687696	0.509147	0.449287	0.682466	0.609343	0.602928
0.513368	0.403258	0.488884	0.541623	0.448304	0.519849	0.653742	0.612251	0.569303	0.858172
0.789779	0.562674	0.672612	0.773309	0.732113	0.632154	0.898686	0.937948	0.710369	0.502356
0.806128	0.694272	0.477113	0.626844	0.615089	0.558345	0.600053	0.687718	0.662437	0.565947
0.450871	0.365364	0.484924	0.590053	0.569896	0.638753	0.606191	0.540384	0.746763	0.741217
0.442978	0.482148	0.671601	0.711345	0.647403	0.689046	0.691821	0.578926	0.667509	0.844188
0.578925	0.603701	0.632985	0.612458	0.633805	0.612046	0.617826	0.639747	0.721779	0.626358
0.584724	0.681734	0.510631	0.516802	0.602451	0.612046	0.607075	0.589752	0.538669	0.507255
0.616729	0.597718	0.3742	0.670061	0.64055	0.526399	0.715018	0.66407	0.593569	0.712062
0.799241	0.814403	0.533526	0.488644	0.722624	0.7399	0.553057	0.608713	0.75293	0.675312
0.531427	0.593495	0.477113	0.418204	0.51711	0.528605	0.54608	0.547211	0.467479	0.565142
0.46016	0.434164	0.630223	0.512566	0.390559	0.4134	0.577157	0.487312	0.349294	0.667099
0.554916	0.622158	0.854735	0.763181	0.614174	0.519849	0.757915	0.744052	0.484547	0.69007
0.588913	0.572974	0.671601	0.585043	0.681248	0.528605	0.528006	0.565961	0.586739	0.497511
0.527754	0.542032	0.453264	0.37313	0.546595	0.67231	0.529484	0.504292	0.655434	0.565142
0.567556	0.561892	0.410273	0.515386	0.527466	0.596259	0.589727	0.651252	0.611132	0.53561
0.573203	0.573776	0.607862	0.586706	0.545814	0.609375	0.631651	0.636918	0.68521	0.571624
0.527754	0.460578	0.580006	0.504215	0.443959	0.424856	0.534696	0.49538	0.396381	0.416731
0.523388	0.471229	0.453264	0.599392	0.557688	0.45427	0.609738	0.588069	0.344903	0.389061
0.572392	0.583524	0.513428	0.677188	0.620619	0.512685	0.691821	0.637859	0.461089	0.574901
0.565158	0.679679	0.541683	0.571957	0.589307	0.567115	0.592286	0.570777	0.422859	0.582367
0.493995	0.416474	0.606991	0.471051	0.508426	0.682694	0.522145	0.582228	0.481212	0.631012
0.542634	0.577811	0.591606	0.47233	0.577389	0.608488	0.400999	0.676247	0.550977	0.69438
0.582229	0.736547	0.708458	0.678216	0.506996	0.676434	0.618734	0.492674	0.543244	0.738811
0.542634	0.575386	0.519076	0.523956	0.411253	0.61294	0.622386	0.583058	0.478563	0.450588
0.489284	0.554146	0.503717	0.521081	0.53047	0.516252	0.583816	0.609594	0.540951	0.466954
0.582229	0.5361	0.586596	0.610693	0.698659	0.639703	0.674943	0.697333	0.690557	0.669138
0.57483	0.52663	0.671601	0.611575	0.476659	0.576065	0.631651	0.465235	0.491295	0.621753
0.628558	0.458725	0.563166	0.608059	0.494328	0.589423	0.684356	0.446646	0.538669	0.517943

0.543392	0.566607	0.455713	0.560038	0.472023	0.691184	0.575508	0.522685	0.636977	0.463758
0.603468	0.608895	0.580006	0.662057	0.479331	0.54056	0.716154	0.605203	0.655434	0.589964
0.576464	0.505533	0.522644	0.379807	0.43058	0.521296	0.51708	0.438832	0.537155	0.451825
0.479357	0.557228	0.523361	0.256694	0.428787	0.407783	0.425928	0.507769	0.590995	0.507959
0.411085	0.546535	0.447802	0.507675	0.662461	0.673337	0.466868	0.662073	0.757927	0.658042
0.589756	0.570575	0.461899	0.524678	0.526718	0.474615	0.550719	0.510571	0.556473	0.580697
0.551813	0.454432	0.385546	0.515386	0.453956	0.386547	0.43239	0.405033	0.448584	0.568371
0.53069	0.506908	0.575937	0.509764	0.298389	0.515536	0.466868	0.40669	0.497459	0.551682
0.67117	0.522328	0.567117	0.529035	0.333809	0.491876	0.693978	0.605203	0.550977	0.574901
0.438786	0.448974	0.448405	0.557693	0.509861	0.582693	0.629782	0.552597	0.551758	0.478656
0.338174	0.400015	0.348986	0.465972	0.458402	0.610263	0.587184	0.405033	0.550977	0.454934
0.327897	0.595179	0.494219	0.483357	0.484725	0.559926	0.571413	0.446646	0.521567	0.490006
0.66914	0.632149	0.55306	0.557693	0.541927	0.463054	0.451756	0.483334	0.481877	0.418449
0.615832	0.619473	0.596674	0.571957	0.514923	0.517687	0.505721	0.513391	0.371425	0.537115
0.581401	0.502795	0.580006	0.666041	0.417019	0.709796	0.723034	0.583889	0.369879	0.602928
0.697385	0.564243	0.547713	0.827823	0.650373	0.679553	0.628851	0.584722	0.570117	0.437206
0.565955	0.543528	0.697604	0.500782	0.528965	0.677471	0.6833	0.500842	0.614731	0.549349
0.740532	0.730744	0.982681	0.62411	0.736936	1.133831	0.965991	0.595696	0.814192	0.784297
1.451361	0.968898	0.872005	0.847123	0.884201	1.078161	0.827005	0.91417	0.802898	0.872621
1.362875	1.291022	0.786506	1.008968	0.958252	0.810008	0.581307	0.787012	1.02788	0.899558
1.367907	1.087447	0.70736	1.330113	1.075746	0.789372	0.912767	1.264133	1.244859	1.236719
0.856102	1.106194	0.823559	1.002407	0.989636	1.315541	1.038446	1.180986	1.02788	0.742425
0.852998	0.991418	1.037684	0.864152	0.952238	0.898808	0.851159	0.72292	0.544779	0.998628
1.772478	1.069475	1.940492	1.825333	0.896282	1.096845	1.060501	0.756252	0.626639	1.64397
1.640529	1.706504	2.450318	1.711656	1.626748	2.145387	1.012927	1.177708	1.666734	1.221875
0.994327	1.991166	0.988925	0.795647	1.009616	1.212127	1.171618	1.710495	1.839578	0.887567
1.20518	2.059234	0.883364	1.075518	1.732785	1.252636	1.068109	1.509168	1.656666	0.963034
1.210464	1.23557	1.255393	1.035857	1.055688	1.727887	1.609881	1.128136	1.096303	1.093848
1.215747	1.262648	1.355061	0.930552	0.996195	0.870373	1.188163	1.056047	1.06447	1.526422
1.285197	0.893954	0.972469	1.746344	0.956238	0.927386	1.249658	1.043881	0.870626	1.405251
1.252953	1.082235	1.484635	1.445796	1.42674	1.094126	1.407188	1.292959	1.211475	1.259982
1.324586	1.247229	1.855598	1.057901	1.355708	1.107893	0.907433	1.244655	1.666734	1.428102
1.095109	1.463609	1.143384	1.036251	1.380588	1.405468	0.802733	1.187616	1.839578	0.746069
1.276909	1.433512	1.417839	1.887303	1.926275	1.777236	1.188163	1.469051	1.687597	0.892666
0.86555	0.885639	1.171181	1.428086	1.052566	1.306608	1.128387	0.915953	1.187175	1.098801
1.149718	0.830059	0.850142	1.68998	1.732785	1.174262	1.161985	1.757491	1.384648	0.695464
1.631149	1.469886	0.941318	1.290436	1.08107	1.010558	2.408082	1.648347	1.237215	1.145157
2.721611	3.474208	1.174383	1.031583	0.813661	1.416714	1.128387	0.726372	1.02788	1.214639
0.787113	1.092721	1.177608	0.77976	0.744273	1.070394	0.761689	0.511979	0.96484	0.989986
0.893494	1.666434	1.035345	1.011177	1.340843	1.088739	0.713885	1.036742	1.709514	0.89096
1.053912	1.495947	1.533203	1.496888	1.783697	2.014692	1.076126	1.409465	1.344049	1.221875
1.084437	0.800645	0.771002	1.01563	0.849853	0.99303	1.099947	1.063513	0.945064	0.844188
0.951535	1.042655	0.67464	0.92145	0.826882	0.811419	0.783715	1.420746	0.865767	0.945308
0.830396	0.914583	1.106134	1.057901	0.88081	1.019595	1.128387	1.086716	0.843784	1.229234
0.940045	0.97899	1.417839	0.812137	0.849853	1.177534	1.091766	1.004894	0.870626	1.183491
0.780518	1.32138	1.28338	0.796997	1.005096	1.256557	1.105488	1.122583	1.002879	1.310617
0.975469	1.439367	1.218302	0.96103	0.989902	1.063569	1.022034	1.409465	1.197423	1.625101

0.845332	0.791267	1.059324	1.060374	0.974708	1.105104	1.466971	0.936072	0.722937	1.061939
1.146666	0.98516	0.776109	0.845608	0.989636	0.678511	0.75917	0.985589	0.831704	0.782967
1.191479	0.947488	1.131579	1.307625	1.129166	0.782705	0.832919	0.959137	0.848402	0.892666
0.693083	0.904146	1.056865	1.286243	0.712191	1.060248	1.374908	0.836177	1.080016	0.949185
0.823117	1.469886	1.021568	1.060374	1.023466	0.90054	1.05056	0.808799	0.90098	1.124265
0.735783	1.037951	0.845597	0.638894	0.932774	1.055264	1.031336	0.871807	1.4475	1.112763
1.08181	0.785997	0.815048	1.202965	1.265053	1.297856	1.709561	1.201189	1.061933	1.280368
0.807519	0.714895	0.718464	0.803814	1.114459	0.845212	0.909204	1.218774	1.190564	0.935765
0.87684	0.773097	0.662608	0.536395	1.016486	1.038253	0.75917	1.602589	1.127347	0.614485
1.264766	0.735381	0.76721	0.792958	1.126185	1.511862	0.982478	0.751331	0.966869	0.91189
0.885087	0.690052	0.749943	0.838109	0.64055	0.843686	0.942378	0.689836	0.75169	0.967073
0.898618	0.773097	0.832241	0.932395	0.605128	0.980333	0.86536	0.393611	0.583363	1.039793
0.834824	1.174201	1.066783	0.864152	0.715641	0.99303	1.068109	0.756252	0.962822	1.218242
1.009582	1.037951	0.80808	0.807955	0.687696	0.718839	0.761689	0.924983	0.834693	1.484387
0.693083	1.10894	0.870407	0.79162	0.950252	0.699844	0.590578	0.813009	0.939303	0.847257
0.983749	1.225081	0.73567	0.704733	1.097444	0.904025	0.918168	0.921348	1.429437	1.069578
1.650117	1.18065	0.903555	0.975068	0.708768	1.001705	1.980717	1.310333	1.014065	2.595137
1.260792	0.727299	0.756031	1.142003	0.764467	0.827253	1.146391	0.822993	0.731128	1.416526
0.654207	0.970898	0.980619	0.801074	0.529717	1.148939	1.024341	0.551051	0.996304	0.904801
0.789779	0.943707	1.20088	1.394697	0.96435	1.021884	1.385403	0.845194	0.702557	0.961028
0.785786	0.775647	0.932025	0.905532	0.769666	0.646418	0.848065	0.883258	0.731128	0.953097
0.660119	1.079653	0.67464	0.629595	0.661441	0.767111	0.73238	0.837667	0.783813	0.705347
0.703919	0.995641	0.785193	0.665042	1.067881	0.920063	0.881703	1.168021	1.034955	0.987853
0.768895	0.682765	0.748735	0.890177	0.760609	0.744723	0.654729	0.758734	0.69597	0.730494
1.005168	0.615918	0.720719	0.72488	0.444577	0.597985	0.556194	0.627618	0.543244	0.738811
0.614937	0.818617	1.089964	0.704733	0.472682	0.954033	1.253561	0.746465	0.698155	1.173586
1.103288	1.117282	1.069299	1.031583	0.764467	0.808601	0.963973	0.947451	0.679929	0.696552
0.61049	0.66556	0.534261	0.660079	0.567426	0.649328	0.560148	0.700587	0.656428	0.758442
0.404428	0.507597	0.880088	0.761932	0.653364	0.819984	0.726515	0.710495	0.846857	0.75345
0.510547	0.793926	0.648979	0.516094	0.751737	1.177534	1.031336	0.721776	0.648543	0.69222
0.755099	0.440028	0.617559	0.598534	0.603342	0.681645	0.813986	0.870196	0.701452	0.713191
0.585558	0.585995	0.590767	0.653225	0.643474	0.492554	0.64787	0.895019	0.825788	0.810373
0.476098	0.348784	0.622941	0.602838	0.486084	0.519127	0.702713	0.504292	0.682034	1.276213
0.823117	0.673571	0.812247	0.890177	0.616924	0.616535	0.715018	0.803249	0.904488	0.708691
0.8918	0.869474	0.641379	0.735315	0.675948	0.649328	0.583816	0.623953	0.746763	0.709812
0.581401	0.468699	0.771002	0.67514	0.454588	0.590272	0.636359	0.591442	0.717179	0.736419
0.587233	0.694272	0.563953	0.573572	0.447058	0.7399	0.68754	0.59229	0.655434	0.642391
0.852998	0.740067	0.440032	0.584213	0.481346	0.410582	0.582141	0.541892	0.580849	0.540142
0.67526	0.788624	0.446598	0.366554	0.416439	0.429524	0.466228	0.673171	0.47266	0.519388
0.483961	0.492016	0.483613	0.599392	0.487447	0.299662	0.584655	0.514808	0.340075	0.369152
0.634129	0.439438	0.419779	0.880234	0.782942	0.613836	0.787721	0.924983	0.774577	0.541663
0.507046	0.591817	0.4551	0.537883	0.554489	0.603205	0.481862	0.531444	0.454791	0.546258
0.607844	0.565029	0.582465	0.631439	0.438436	0.435431	0.563336	0.511979	0.498841	0.524484
0.474155	0.341666	0.594978	0.528306	0.344483	0.426601	0.607961	0.500156	0.606674	0.578203
0.637882	0.647105	0.428921	0.504905	0.434792	0.466235	0.395528	0.648347	0.545549	0.39175
0.407189	0.524473	0.63391	0.30794	0.289643	0.465597	0.396072	0.361541	0.531897	0.406008
0.448427	0.592655	0.47262	0.455372	0.380304	0.317422	0.318961	0.365549	0.396381	0.415021

0.541123	0.469962	0.394521	0.73649	0.68446	0.514822	0.468152	0.59229	0.728772	0.648194
0.603468	0.691103	0.566324	0.732974	0.711047	0.671285	0.445001	0.427658	0.494709	0.546258
0.509143	0.456266	0.466911	0.574381	0.455221	0.381265	0.443784	0.443624	0.37871	0.424224
0.429938	0.296128	0.4164	0.513974	0.470707	0.365288	0.629782	0.469051	0.372458	0.579864
0.611376	0.539798	0.468806	0.397233	0.381372	0.524205	0.528744	0.583058	0.578348	0.563537
0.584724	0.59687	0.656715	0.262581	0.250743	0.541319	0.522873	0.401739	0.475273	0.636665
0.316957	0.440028	0.55306	0.434332	0.408967	0.498015	0.470084	0.472256	0.467479	0.453066
0.576464	0.717124	0.381904	0.423323	0.685536	0.754531	0.812564	0.704962	0.916992	0.915479
0.831867	0.813008	0.748735	0.514679	0.614174	0.604959	0.646899	0.469051	0.44004	0.588264
0.664105	0.495356	0.62475	0.533436	0.424041	0.491876	0.554623	0.543405	0.465552	0.485966
0.561981	0.462438	0.519076	0.643618	0.558491	0.614734	0.553839	0.629462	0.584204	0.576549
0.750189	0.855422	0.765954	0.576004	0.631896	0.842166	0.581307	0.579749	0.575037	0.718883
0.493995	0.575386	0.540935	0.686526	0.429981	0.580196	0.744352	0.446646	0.611132	0.551682
0.581401	0.581884	0.663598	0.61512	0.496414	0.555199	0.518521	0.579749	0.661429	0.547801
0.581401	0.80747	0.636696	0.521081	0.672798	0.878545	0.876735	0.842167	0.956822	0.839626
0.547199	0.640498	0.62475	0.634219	0.598026	0.822877	0.589727	0.688776	0.601385	0.500966
0.659128	0.689004	0.549234	0.556914	0.699771	0.804408	0.559354	0.532182	0.477903	0.479976
0.588913	0.709373	0.567911	0.602838	0.851428	0.692257	0.543779	0.646421	0.679929	0.793723
0.558042	0.779499	0.917556	0.835145	0.579071	0.828722	0.684356	0.482016	0.774577	0.772471
0.744128	0.589312	0.6395	1.145007	0.727343	0.742305	0.86536	0.527043	0.621103	0.823293
0.613153	0.725017	0.937577	0.742414	0.551315	0.963961	0.624223	0.447861	0.814192	0.930137
0.678352	0.911076	0.848622	0.796997	0.569896	0.846742	0.835906	0.44847	0.580849	0.672214
0.580574	0.590146	0.539443	0.689684	0.708768	0.683747	0.663709	0.636918	0.524494	0.588264
0.535131	0.736547	0.742748	0.641722	0.952238	0.76839	0.620556	0.651252	0.732311	0.536362
0.526294	0.698533	0.867227	0.788957	0.633805	0.651279	0.718435	0.86859	0.741892	0.833615
0.719559	0.758106	0.713988	0.722595	0.791107	0.759519	0.658697	0.811601	0.598764	0.426556
1.097818	0.716008	0.8067	0.746007	0.51711	0.732766	0.646899	0.684559	0.501617	0.928278
0.796516	0.893954	1.435061	0.903799	0.700885	0.931094	0.932906	1.237102	0.762982	0.996451
0.72184	0.701757	0.699754	0.981226	0.82243	0.645453	0.804124	1.002706	0.892333	0.576549
0.674234	0.650925	0.558472	0.610693	0.721452	1.18083	0.781065	0.661078	0.834693	0.7686
0.413328	0.923476	0.829327	0.748419	0.696444	0.846742	0.692898	0.574832	0.564447	0.716597
0.662107	0.612392	0.620242	0.679246	0.600676	0.434837	0.48586	0.584722	0.473965	0.53787
0.781829	0.703919	0.41584	0.595972	0.703123	0.44933	0.539214	0.602589	0.395835	0.448739
0.766354	0.450786	0.663598	0.51965	0.404997	0.451176	0.600053	0.397385	0.38452	0.684742
0.943841	0.505533	0.672612	0.678216	0.524482	0.481834	0.276441	0.50153	0.468768	0.234595
0.535875	0.423237	0.490211	0.434332	0.51711	0.565507	0.341891	0.349252	0.348314	0.308546
0.377736	0.361898	0.470073	0.435507	0.338144	0.426601	0.402654	0.268941	0.463634	0.349625
0.2857	0.402716	0.496237	0.517513	0.310937	0.382316	0.384258	0.416764	0.380814	0.356037
0.260871	0.395197	0.429498	0.412586	0.375002	0.42254	0.248044	0.377798	0.39041	0.294953
0.298883	0.464307	0.289385	0.25904	0.408398	0.312914	0.275203	0.285781	0.358712	0.487981
0.341495	0.291072	0.282737	0.485332	0.465483	0.191605	0.399351	0.521963	0.480549	0.339942
0.43228	0.367857	0.282324	0.458463	0.392201	0.280096	0.321246	0.344911	0.315803	0.311675
0.341972	0.361406	0.269337	0.327683	0.238258	0.280512	0.322163	0.377798	0.347337	0.297117
0.341972	0.352146	0.392393	0.364551	0.261565	0.389747	0.347696	0.317032	0.350276	0.465033
0.295442	0.315189	0.48756	0.342627	0.341058	0.401688	0.323083	0.373676	0.319908	0.441419
0.286538	0.394665	0.368637	0.263372	0.318737	0.424276	0.356055	0.251567	0.342482	0.368129
0.373101	0.405433	0.381386	0.337901	0.357952	0.353331	0.357547	0.45895	0.4097	0.32396

0.334877	0.419279	0.36364	0.390284	0.417019	0.335468	0.289446	0.3478	0.300635	0.273066
0.226651	0.384157	0.355275	0.349812	0.302829	0.205391	0.32678	0.336358	0.213178	0.318457
0.269663	0.297402	0.387641	0.267349	0.210329	0.276369	0.383728	0.317933	0.327303	0.323499
0.403328	0.340256	0.297415	0.215801	0.262784	0.330769	0.333798	0.275435	0.280504	0.365074
0.301916	0.344499	0.315265	0.18565	0.226121	0.337362	0.293296	0.316133	0.290667	0.343306
0.309372	0.308161	0.242213	0.191314	0.416439	0.372946	0.287746	0.353147	0.346362	0.344756
0.347732	0.332352	0.270138	0.312349	0.362536	0.367317	0.280594	0.322011	0.35274	0.387456
0.316507	0.340256	0.291905	0.348366	0.313217	0.349878	0.375343	0.300259	0.457929	0.334234
0.480668	0.364371	0.285633	0.494671	0.350916	0.423697	0.525065	0.391469	0.512191	0.421905
0.510547	0.430684	0.31571	0.399393	0.233287	0.354296	0.46495	0.330748	0.418811	0.421905
0.369022	0.299532	0.40587	0.388169	0.34744	0.391356	0.333326	0.455222	0.376616	0.353066
0.43998	0.356021	0.364635	0.284046	0.414703	0.334524	0.3999	0.474837	0.541714	0.452445
0.392481	0.341666	0.380869	0.385538	0.393298	0.427184	0.294156	0.450301	0.36426	0.281354
0.288642	0.370364	0.368135	0.424469	0.382443	0.381265	0.37224	0.423613	0.380814	0.297985
0.574016	0.459341	0.377266	0.618694	0.479331	0.346472	0.469439	0.554148	0.495394	0.386922
0.485286	0.54278	0.426617	0.499417	0.362536	0.357266	0.445611	0.381958	0.367828	0.502356
0.483961	0.450786	0.537215	0.634219	0.436003	0.45427	0.618734	0.436456	0.340556	0.428313
0.332538	0.601127	0.575937	0.436096	0.535779	0.448716	0.498769	0.554925	0.532644	0.47082
0.538116	0.595179	0.566324	0.511864	0.481346	0.524205	0.530967	0.500156	0.471359	0.523752
0.478051	0.406524	0.40587	0.446833	0.49781	0.410582	0.454238	0.46271	0.37976	0.402123
0.505654	0.474412	0.376241	0.491982	0.502025	0.486491	0.421288	0.437642	0.380814	0.335653
0.556476	0.440618	0.466911	0.61512	0.584159	0.536038	0.496019	0.47033	0.525228	0.369152
0.409411	0.43242	0.419214	0.47169	0.411826	0.351836	0.382671	0.526313	0.356214	0.433627
0.503573	0.517362	0.443601	0.454142	0.392749	0.195695	0.346723	0.388276	0.472009	0.377946
0.257326	0.482148	0.382422	0.388169	0.460964	0.523476	0.5332	0.405033	0.494024	0.448739
0.336758	0.39573	0.35674	0.459084	0.392201	0.407783	0.494651	0.293812	0.375052	0.39229
0.294586	0.361406	0.386069	0.44623	0.397718	0.337362	0.407657	0.431741	0.359214	0.388526
0.431694	0.364371	0.371157	0.34073	0.616005	0.487161	0.485191	0.444831	0.267313	0.455558
0.546435	0.503478	0.469439	0.415948	0.439657	0.431877	0.5332	0.56756	0.358212	0.538626
0.565955	0.463683	0.632063	0.802442	0.598907	0.588576	0.946225	0.676247	0.766813	1.112763
0.602598	0.652848	0.914013	1.057901	0.870794	2.439158	1.744547	1.553371	1.656666	2.449995
1.041801	0.759336	0.893342	2.259071	1.130993	1.416714	1.330584	0.839162	1.384648	0.692324
1.084437	0.943707	0.802585	0.945524	1.204084	1.267334	1.514326	0.693033	1.720901	0.883523
0.917938	3.474208	1.471701	1.057901	1.042648	1.091424	2.266132	1.530707	0.991974	0.775072
1.785521	1.261379	1.385316	1.23679	1.183261	1.125011	1.312248	1.201473	1.090697	1.14211
1.069246	1.117282	1.137441	1.649627	1.290319	1.152025	1.656867	1.045687	1.000676	1.045687
1.076887	1.097085	1.336002	1.458017	1.245065	0.576012	0	0	0	0
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1.08974	1.111703	0.777395	0.726027	1.340843	1.075557	0.878385	0.780421	0.575037	0.406008
0.463302	0.511059	0.422615	0.812137	0.717956	0.682694	0.77712	0.45214	0.465552	0.39229
0.489954	0.548805	0.501665	0.702551	0.38838	0.329369	0.314426	0.193671	0.294109	0.259329
0.599999	0.577001	0.413047	0.447438	0.329516	0.212808	0.24304	0.346353	0.304157	0.25695
0.339594	0.367357	0.348026	0.319948	0.38838	0.152694	0.150033	0.331213	0.305928	0.171099
0.357011	0.420406	0.452653	0.305316	0.351914	0.367317	0.471377	0.574832	0.555683	0.589964
0.724133	0.569779	0.644214	0.673101	0.659407	0.650303	0.934784	0.71161	0.789181	0.602051
0.96936	0.748392	0.7918	0.647436	0.559296	0.668225	0.741931	0.49742	0.309046	0.191023
0.768895	0.672562	0.48624	0.450472	0.44211	0.532305	0.583816	0.399557	0.236745	0.353559
0.519065	0.52663	0.464397	0.396694	0.165155	0.376566	0.343818	0.393611	0.294109	0.309884
0.389279	0.32595	0.350429	0.300116	0.325266	0.305355	0.448672	0.36354	0.408012	0.445674
0.180229	0.37238	0.334345	0.476836	0.28107	0.433059	0.711627	0.873425	1.256582	0.204006
0.439383	0.822873	0.928362	1.282091	1.511706	0.140535	0.070267	0.035134	0	0
0.010987	0.005493	0.002747	0.001373	0	0	0	0	0	0
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0.649674	1.164473	1.233081	0	0.389089	1.021876	1.081209	0.37547	0.563206	3.564641
0.79522	0.504127	1.081028	1.034613	1.766771	0.778177	0.787755	0.750941	0.807691	0.907039
0.749415	0.750856	0.974732	1.449274	0.988199	0.830413	0.623982	0.404978	0.48135	0.663923
0.578034	0.816149	1.04826	0.676365	0.622162	0.780775	0.487275	0.222761	0.480049	0.738149
0.732829	0.807775	0.766948	0.88115	0.729535	0.737411	0.582087	0.323998	0.519478	0.633801
0.707982	0.724969	0.542	0.661413	0.649264	0.642468	0.722277	0.623062	0.580502	0.544516
0.384825	0.754508	0.601956	0.528282	0.777313	0.707788	0.429106	0.519363	0.560495	0.648601
0.600583	0.771972	0.709891	0.783993	0.466906	0.430712	0.492549	0.48832	0.48135	0.679805
0.508958	0.417814	0.612508	0.62569	0.51299	0.462703	0.468051	0.623062	0.467242	0.703704
0.434504	0.372914	0.621503	0.577884	0.524413	0.371508	0.524895	0.664971	0.491907	0.788355
0.691821	0.705972	0.652579	0.248019	0.750935	0.661845	0.503972	0.686495	0.562848	0.429417
0.669156	1.021228	0.540489	0.441032	0.559032	0.555976	0.589485	0.547425	0.552744	0.477417
0.356068	0.485306	0.745872	0.603695	0.431041	0.528886	0.676389	0.518649	0.53913	0.668824
0.811629	0.565251	0.701069	0.865196	0.710248	0.767937	0.5653	0.723775	0.679407	0.596358
1.133147	0.929867	0.575008	0.621201	0.69929	0.546757	0.449041	0.675088	0.735306	0.412702
0.866519	0.748438	0.602825	0.588522	0.71359	0.57179	0.58536	0.801284	0.731811	0.474257
0.73986	0.683597	0.84161	0.901103	1.037158	0.804885	0.962644	0.794494	0.899695	0.755851
0.616294	0.702704	0.954703	0.509236	0.744884	0.818881	0.69607	0.567725	0.590443	0.685914
0.651453	0.420073	0.60808	0.659458	0.629472	0.632168	0.717798	0.810971	0.548919	0.551984
0.783308	0.592163	0.60457	0.830583	0.656068	0.455867	0.459978	0.710249	0.674295	0.898591
0.668153	0.876523	0.787764	0.805297	0.65023	0.388596	0.348765	0.656064	0.571585	0.46987
0.372991	0.770701	0.574192	0.7145	0.637844	0.640577	0.503972	0.592393	0.492575	0.471745
0.498669	0.607578	0.515577	0.715609	0.715832	0.607001	0.373761	0.645419	0.643876	0.661008
0.633518	0.638276	0.544277	0.655573	0.458123	0.859092	0.710068	0.601801	0.545128	0.833455
0.604026	0.588811	0.620595	0.590182	0.604411	0.654964	0.584539	0.495706	0.425751	0.379564
0.705792	0.498666	0.529322	0.793186	0.644469	0.487846	0.528482	0.627626	0.614563	0.519346

0.835991	0.713694	0.741058	0.79186	0.853562	0.787339	0.826039	0.885608	0.92792	0.645787
0.403476	0.462872	0.637234	0.431119	0.478464	0.635885	0.624881	0.481713	0.650561	0.559583
0.347848	0.443925	0.645798	0.42653	0.286895	0.545998	0.524181	0.630388	0.506163	0.544516
0.644759	0.664301	0.530058	0.348896	0.611424	0.615822	0.61863	0.676112	0.410536	0.555008
0.872891	0.787522	0.733936	0.623889	0.582367	0.547518	0.640447	0.619446	0.561278	0.548234
0.557374	0.51245	0.434605	0.539236	0.596653	0.310942	0.379347	0.598356	0.561278	0.378553
0.717976	0.60845	0.371464	0.597731	0.639727	0.515949	0.494543	0.655085	0.545128	0.546
0.556598	0.705972	0.711006	0.729138	0.651197	0.672883	0.447843	0.602666	0.516641	0.666857
0.464775	0.53842	0.447805	0.600277	0.384081	0.48586	0.436621	0.493679	0.484622	0.417649
0.406207	0.508268	0.474177	0.39042	0.402807	0.422069	0.432558	0.272862	0.452967	0.446211
0.331859	0.558192	0.459537	0.433431	0.383035	0.512423	0.441901	0.466254	0.375956	0.456366
0.473643	0.276736	0.399429	0.365429	0.457503	0.404736	0.450845	0.429856	0.432105	0.398718
0.467921	0.345368	0.389195	0.327485	0.406651	0.358011	0.334246	0.362105	0.343453	0.355911
0.517369	0.461002	0.511325	0.510618	0.514401	0.426657	0.408404	0.533906	0.415549	0.534272
0.467921	0.410555	0.472884	0.416938	0.378876	0.359984	0.431981	0.409952	0.499996	0.582402
0.434504	0.456054	0.559765	0.296803	0.307909	0.301764	0.376291	0.283116	0.495259	0.538633
0.508264	0.639213	0.661455	0.539236	0.548966	0.52237	0.572415	0.477147	0.509628	0.464911
0.511744	0.495961	0.442959	0.418056	0.504616	0.510321	0.701401	0.542117	0.451139	0.478052
0.318224	0.405599	0.401614	0.452387	0.397374	0.457102	0.391262	0.569327	0.508933	0.433985
0.448771	0.46475	0.269462	0.493645	0.462492	0.502013	0.334707	0.601801	0.478104	0.45879
0.50619	0.482029	0.472239	0.623889	0.676114	0.587366	0.38969	0.55902	0.511021	0.55425
0.462898	0.306199	0.283421	0.4081	0.401715	0.434217	0.485314	0.443451	0.433855	0.541565
0.440392	0.392653	0.443561	0.345096	0.38882	0.389124	0.476277	0.457484	0.413871	0.424335
0.407304	0.492603	0.399974	0.364933	0.402261	0.559093	0.404055	0.555121	0.590443	0.599708
0.393784	0.345368	0.343751	0.402666	0.390943	0.497918	0.371246	0.386159	0.413314	0.466764
0.402388	0.404505	0.413272	0.372424	0.363125	0.449744	0.418912	0.363601	0.320354	0.389295
0.44576	0.316333	0.424673	0.473479	0.36764	0.303932	0.282625	0.436305	0.449924	0.510356
0.39219	0.37444	0.348572	0.469052	0.444071	0.421499	0.399213	0.404429	0.439737	0.487688
0.53396	0.329917	0.362362	0.46467	0.428714	0.375589	0.474365	0.357647	0.267868	0.403508
0.367444	0.483337	0.436382	0.309252	0.403354	0.394444	0.460593	0.362603	0.391575	0.343618
0.229867	0.386846	0.460791	0.42199	0.306593	0.443706	0.471828	0.417239	0.491239	0.472371
0.240211	0.301004	0.429319	0.386241	0.424096	0.475415	0.300152	0.377304	0.368353	0.364631
0.308929	0.372406	0.321328	0.358057	0.395757	0.404188	0.309623	0.499105	0.391045	0.347834
0.306309	0.290797	0.349542	0.382616	0.416695	0.391776	0.32288	0.468793	0.473598	0.346424
0.303272	0.282058	0.342315	0.411393	0.370168	0.309619	0.388122	0.320365	0.327156	0.305269
0.264032	0.259972	0.304362	0.359522	0.356195	0.308739	0.300578	0.255382	0.393168	0.368563
0.341193	0.366862	0.317701	0.368413	0.305281	0.246991	0.26973	0.281046	0.329447	0.378048
0.319569	0.45299	0.420076	0.345096	0.318135	0.299178	0.288389	0.307883	0.317216	0.317826
0.428695	0.459759	0.365375	0.427101	0.355704	0.359984	0.307886	0.324911	0.463473	0.411065
0.432753	0.350642	0.337563	0.394641	0.424096	0.300038	0.309623	0.339314	0.300996	0.444443
0.357535	0.390004	0.325445	0.439266	0.42467	0.34492	0.372251	0.300909	0.263109	0.387744
0.343558	0.435632	0.452091	0.502388	0.373732	0.420361	0.405681	0.290231	0.374425	0.392935
0.258538	0.358922	0.379197	0.411945	0.347444	0.409143	0.431981	0.291498	0.375445	0.48124
0.20989	0.261148	0.310536	0.402127	0.33231	0.355067	0.272119	0.313634	0.355969	0.337599
0.365943	0.404505	0.303925	0.346517	0.422949	0.336876	0.227034	0.356172	0.400681	0.412702
0.448167	0.444524	0.357881	0.294692	0.372201	0.30263	0.345917	0.386159	0.412757	0.31651
0.366943	0.378536	0.350515	0.374443	0.31277	0.333141	0.342148	0.390921	0.424034	0.367577

0.277265	0.303161	0.443561	0.549715	0.375783	0.434217	0.453262	0.431605	0.421755	0.414894
0.423533	0.358922	0.412148	0.481822	0.336044	0.4852	0.395485	0.374734	0.415549	0.381595
0.453022	0.513852	0.434605	0.403748	0.483702	0.46333	0.441901	0.335551	0.459116	0.443855
0.459788	0.659363	0.491343	0.559678	0.481075	0.378675	0.547629	0.468157	0.582966	0.487688
0.449376	0.526685	0.387071	0.496316	0.479115	0.301764	0.423979	0.395198	0.392636	0.579182
0.506881	0.529589	0.39509	0.617643	0.415567	0.504076	0.400821	0.539863	0.40943	0.435135
0.472365	0.414449	0.500187	0.499004	0.385655	0.429549	0.377816	0.414422	0.437964	0.498208
0.535433	0.467898	0.462678	0.480528	0.402261	0.358996	0.345917	0.437487	0.371885	0.416545
0.467921	0.467267	0.517004	0.438093	0.445275	0.385963	0.413903	0.387212	0.3996	0.414894
0.366443	0.544408	0.492692	0.395702	0.479768	0.408037	0.450243	0.34742	0.367851	0.357834
0.506881	0.555864	0.553503	0.53409	0.553583	0.495885	0.552931	0.398975	0.489244	0.496216
0.448771	0.55048	0.554281	0.5127	0.639727	0.399831	0.452052	0.438674	0.392636	0.489642
0.432753	0.466636	0.466477	0.549715	0.581541	0.505456	0.471196	0.579884	0.382137	0.418756
0.426393	0.501388	0.500187	0.492979	0.462492	0.588202	0.654661	0.651193	0.483966	0.506947
0.48928	0.491267	0.502945	0.424254	0.436324	0.499279	0.516404	0.664971	0.395836	0.508989
0.410612	0.482683	0.58996	0.486381	0.501174	0.406384	0.489904	0.447674	0.369359	0.543038
0.344032	0.518798	0.688165	0.479237	0.482386	0.640577	0.575615	0.380928	0.521618	0.477417
0.523068	0.52741	0.494723	0.558903	0.498439	0.542973	0.592814	0.397892	0.533949	0.631081
0.486634	0.629937	0.494045	0.549715	0.643517	0.474127	0.514307	0.56059	0.507546	0.572814
0.58708	0.63455	0.593354	0.516895	0.48173	0.495885	0.60125	0.529492	0.471045	0.621252
0.659232	0.599802	0.480042	0.57306	0.535401	0.442509	0.567658	0.575793	0.420053	0.556527
0.618968	0.449947	0.409351	0.537023	0.456264	0.415277	0.449041	0.602666	0.434439	0.466145
0.491942	0.407794	0.567721	0.578693	0.447087	0.630321	0.676389	0.50807	0.60928	0.534272
0.572374	0.573232	0.689226	0.702488	0.651197	0.704496	0.589485	0.455011	0.672267	0.788355
0.572374	0.563672	0.518435	0.551233	0.710248	0.602656	0.567658	0.625795	0.646729	0.538633
0.523786	0.565251	0.469669	0.461566	0.641618	0.577464	0.422848	0.549719	0.566005	0.395029
0.478146	0.616384	0.55584	0.674341	0.46564	0.431294	0.478198	0.46943	0.462223	0.557289
0.618968	0.698385	0.569329	0.607141	0.553583	0.449744	0.329664	0.497743	0.58379	0.641138
0.569173	0.483337	0.476774	0.53776	0.477814	0.428969	0.493212	0.499788	0.432105	0.619489
0.46729	0.400699	0.644838	0.604554	0.437507	0.609628	0.5653	0.515094	0.465353	0.604782
0.571572	0.535456	0.646761	0.686626	0.635035	0.800773	0.686636	0.653135	0.591282	0.716716
0.571572	0.688821	0.494723	0.608873	0.629472	0.663831	0.488588	0.615859	0.560495	0.499541
0.506881	0.667292	0.562136	0.53336	0.506694	0.50684	0.476277	0.694983	0.592964	0.489642
0.638166	0.579723	0.644838	0.671323	0.472646	0.491178	0.718913	0.741298	0.473598	0.574397
0.655325	0.658382	0.602825	0.539976	0.606153	0.603522	0.586182	0.667981	0.562062	0.456366
0.552742	0.570822	0.59506	0.559678	0.53392	0.532549	0.620407	0.576608	0.514525	0.508989
0.515251	0.641092	0.735115	0.577076	0.533181	0.581562	0.739497	0.521514	0.369863	0.58321
0.559708	0.703791	0.711006	0.500355	0.682313	0.610508	0.545376	0.572548	0.462223	0.723371
0.58625	0.738898	0.562929	0.551233	0.637844	0.589877	0.466175	0.528761	0.606663	0.52215
0.491275	0.60845	0.49067	0.633889	0.67509	0.581562	0.559071	0.497743	0.621708	0.625692
0.428119	0.623559	0.482675	0.669323	0.548966	0.435981	0.58536	0.53613	0.482656	0.666857
0.446361	0.626281	0.536735	0.531176	0.591557	0.54524	0.495877	0.632238	0.548919	0.46987
0.590417	0.555864	0.543517	0.493645	0.399539	0.45525	0.635811	0.633167	0.453578	0.577581
0.625274	0.486624	0.64966	0.547449	0.365627	0.477354	0.573213	0.555121	0.402308	0.667839
0.618968	0.605838	0.716626	0.675352	0.590714	0.557532	0.537214	0.575793	0.533949	0.775564
0.53396	0.63455	0.713245	0.514793	0.628551	0.677995	0.471828	0.550487	0.552744	0.555767
0.573984	0.620854	0.500187	0.61853	0.735374	0.610508	0.595328	0.781225	0.6554	0.500879

0.625274	0.621754	0.513446	0.658483	0.488337	0.421499	0.604671	0.681272	0.510324	0.59803
0.515251	0.65448	0.616084	0.620309	0.547437	0.508229	0.497216	0.557456	0.509628	0.565759
0.635371	0.557414	0.616084	0.734902	0.596653	0.570986	0.483362	0.549719	0.515934	0.598868
0.555825	0.553548	0.75074	0.722321	0.548966	0.576649	0.500581	0.40388	0.470409	0.543038
0.743418	0.697312	0.650631	0.68044	0.648301	0.615822	0.645134	0.508767	0.537644	0.515866
0.541376	0.607578	0.536735	0.489008	0.644469	0.518079	0.476277	0.505292	0.500677	0.440929
0.489944	0.640152	0.491343	0.549715	0.598365	0.49724	0.522756	0.609652	0.535423	0.46184
0.68448	0.712583	0.545038	0.632054	0.55591	0.534762	0.591147	0.581531	0.535423	0.596358
0.49664	0.597241	0.510621	0.532631	0.468811	0.579918	0.496546	0.681272	0.617229	0.494893
0.48009	0.424054	0.444165	0.566711	0.442271	0.46711	0.523468	0.627626	0.434439	0.513102
0.50619	0.428071	0.678732	0.636657	0.527316	0.720075	0.678419	0.488987	0.508933	0.52568
0.678286	0.617274	0.673579	0.632054	0.733029	0.717815	0.659505	0.659013	0.587936	0.71452
0.513845	0.678436	0.551178	0.561231	0.530972	0.614044	0.488588	0.598356	0.702643	0.499541
0.560489	0.671311	0.542	0.55813	0.668992	0.691574	0.540905	0.603533	0.699401	0.629277
0.711288	0.562099	0.512738	0.633889	0.623069	0.520219	0.600399	0.538366	0.51172	0.75106
0.625274	0.611958	0.558191	0.581944	0.687548	0.618504	0.597856	0.718088	0.665242	0.7428
0.629834	0.469798	0.519152	0.505114	0.495722	0.551342	0.700329	0.696056	0.49796	0.615983
0.456084	0.291639	0.527123	0.565138	0.560602	0.508926	0.646077	0.573357	0.489244	0.532828
0.541376	0.56763	0.732761	0.86834	0.677141	0.345876	0.487275	0.527302	0.523051	0.632892
0.558151	0.667292	0.528588	0.483119	0.531707	0.474771	0.522756	0.528031	0.499996	0.512414
0.571572	0.684637	0.535242	0.401049	0.520094	0.559093	0.532826	0.637838	0.552744	0.498874
0.696072	0.557414	0.370443	0.589351	0.472005	0.46711	0.610723	0.686495	0.565213	0.607341
0.643811	0.723829	0.650631	0.702488	0.698209	0.677995	0.513611	0.646376	0.581322	0.658113
0.555825	0.638276	0.576644	0.609743	0.61676	0.583213	0.520629	0.554345	0.570784	0.576783
0.535433	0.555864	0.646761	0.688708	0.631318	0.623918	0.669357	0.558238	0.479399	0.723371
0.825794	0.806395	0.732761	0.777545	0.579894	0.686301	0.69607	0.585677	0.555828	0.907039
0.594624	0.775808	0.493368	0.673333	0.661985	0.597499	0.571619	0.578243	0.622609	0.72449
0.62256	0.922604	0.714369	0.563571	0.489003	0.495885	0.488588	0.525847	0.811856	0.597193
0.849464	0.556638	0.566918	0.769931	0.578254	0.547518	0.614219	0.632238	0.519478	0.567317
0.499347	0.631776	0.584918	0.729138	0.825182	0.703404	0.689758	0.696056	0.548919	0.537903
0.530299	0.717046	0.568524	0.565924	0.698209	0.513126	0.665389	0.625795	0.566005	0.641138
0.635371	0.642035	0.620595	0.550474	0.532444	0.532549	0.744207	0.73892	0.582143	0.816508
0.662185	0.72726	0.641019	0.580316	0.670003	0.583213	0.678419	0.722632	0.731811	0.910464
0.631672	0.673335	0.566918	0.571464	0.656068	0.584869	0.59955	0.583185	0.654428	0.587276
0.641921	0.711474	0.497446	0.620309	0.728376	0.717815	0.64892	0.625795	0.614563	0.602238
0.858683	0.798206	0.626071	0.918461	0.874106	0.582387	0.726802	0.656064	0.619015	0.590557
0.660214	0.868501	0.703258	0.591014	0.798544	0.796699	0.733681	0.842906	0.559714	0.494893
0.598019	0.53842	0.62976	0.538497	0.532444	0.579099	0.64138	0.625795	0.531016	0.49226
0.704702	0.585484	0.849219	0.802576	0.584854	0.631243	0.739497	0.606145	0.600616	0.679805
0.770445	0.893025	0.81527	0.977151	0.825182	0.811827	0.766058	0.808181	0.68354	0.758267
0.567581	0.666293	0.701069	0.648859	0.67203	0.884805	0.515005	0.505985	0.667237	0.575986
0.653385	0.701621	0.4995	0.565924	0.614084	0.654964	0.567658	0.641612	0.64293	0.524264
0.833053	0.771972	0.653556	0.834945	0.909495	0.724631	0.730228	0.706932	0.560495	0.662949
0.664166	0.738898	0.713245	0.5952	0.678171	0.708891	0.628493	0.654109	0.558155	0.575191
0.658252	0.649651	0.675633	0.599427	0.591557	0.56066	0.657561	0.675088	0.444502	0.637454
0.711288	0.430384	0.687106	0.554285	0.572559	0.613157	0.769809	0.758316	0.480049	0.871039
0.730511	0.642035	0.891091	0.819163	0.704734	0.722347	0.679437	1.103245	0.719231	0.896921

0.508264	0.678436	0.759392	0.679418	0.642566	0.672883	0.429106	0.802654	0.778306	0.621252
0.555825	0.599802	0.663452	0.819163	0.888921	0.682128	0.562174	0.776028	0.671256	0.371536
0.572374	0.712583	0.737483	0.727994	0.773445	0.794004	0.724534	0.753385	0.748367	0.412156
0.466031	0.619957	0.638177	0.580316	0.604411	0.683167	0.636734	0.663972	0.694049	0.673781
0.557374	0.402326	0.582419	0.632054	0.667984	0.565395	0.651781	0.69178	0.531748	0.628378
0.61452	0.610201	0.799927	0.906238	0.708034	0.611389	0.79568	0.81945	0.632651	0.912187
0.860239	0.924408	0.789099	0.725716	0.748505	0.707788	0.661457	1.032521	0.956157	0.761916
0.630752	0.672322	0.871263	0.605415	0.67203	0.736234	0.49521	0.704735	0.813253	0.634711
0.683442	0.619957	0.720033	0.679418	0.589031	0.656919	0.502613	0.623062	0.660293	0.524264
0.771714	0.75207	0.645798	0.781403	0.829542	0.779474	0.630311	0.755844	0.889566	0.915654
0.602301	0.719295	0.726929	0.846794	0.660004	0.588202	0.547629	0.685445	0.774449	0.778092
0.616294	0.673335	0.692424	0.963188	0.584854	0.557532	0.724534	0.802654	0.729496	0.849593
0.687611	0.734205	0.794479	0.772454	0.786474	0.650115	0.626683	0.663972	0.594653	0.957645
0.667153	0.715926	0.609846	0.529727	0.77861	0.699065	0.634889	0.69178	0.69087	0.808276
0.770445	0.759427	0.532272	0.598578	0.850486	0.581562	0.662437	0.776028	0.735306	0.660041
0.835991	0.708164	0.401614	0.849807	0.888921	0.5027	0.752574	0.816606	0.578867	0.54973
0.727056	0.731878	0.653556	0.706818	0.749718	0.718944	0.849533	1.049152	0.848216	0.682849
0.884271	0.700539	0.737483	0.609743	0.607903	0.595794	0.763575	0.921991	0.749574	0.832017
0.961598	0.574845	0.85385	0.636657	0.704734	0.589877	0.833245	0.740108	0.558934	0.661977
0.743418	0.72726	0.770776	0.75753	0.9967	0.623011	0.42172	0.512975	0.53913	0.805567
0.666155	0.729563	0.673579	0.534822	0.848956	0.757934	0.514307	0.605273	0.548158	0.591381
0.704702	0.686724	0.601956	0.646012	0.855108	0.614932	0.617744	1.025584	0.89799	0.717818
0.695006	0.591323	0.591653	0.812175	0.773445	0.5857	0.727941	0.904285	0.664248	0.764366
0.49664	0.566835	0.509917	0.53776	0.691781	0.567782	0.588657	0.754613	0.751999	0.664898
0.495292	0.566835	0.691355	0.554285	0.677141	0.626651	0.606391	0.737736	0.552744	0.718923
0.601441	0.562099	0.732761	0.544444	0.432795	0.632168	0.363294	0.615859	0.443306	0.733548
0.68866	0.792831	0.64007	0.591848	0.538379	0.54828	0.553694	0.73892	0.671256	0.768066
0.628918	0.82902	0.737483	0.596886	0.762044	0.664828	0.49521	0.604402	0.743572	0.637454
0.639102	0.708164	0.468389	0.7866	0.782524	0.572596	0.674368	0.776028	0.68458	0.657153
0.791213	0.837817	0.651604	0.975129	0.920159	0.722347	0.680458	0.782533	0.777017	0.716716
0.540628	0.719295	0.677696	0.723449	0.64734	0.586532	0.586182	0.627626	0.670248	0.717818
0.533225	0.499345	0.617883	0.563571	0.498439	0.534762	0.66048	0.680235	0.509628	0.919148
0.607495	0.516672	0.708778	0.664362	0.61676	0.654964	0.554458	0.578243	0.630808	0.619489
0.610993	0.560532	0.625153	0.623889	0.685446	0.57179	0.558299	0.574168	0.582966	0.356872
0.489944	0.618166	0.59506	0.514094	0.641618	0.592403	0.529925	0.656064	0.65735	0.539364
0.516662	0.578091	0.538233	0.654608	0.570141	0.42264	0.59365	0.722632	0.491907	0.530672
0.691821	0.614608	0.523482	0.713394	0.588193	0.454635	0.543135	0.740108	0.555828	0.631986
0.550445	0.554319	0.507814	0.619419	0.649264	0.528886	0.454475	0.635964	0.389987	0.522853
0.579665	0.589647	0.557406	0.526124	0.610542	0.599212	0.619517	0.631312	0.518767	0.650487
0.532492	0.530318	0.627911	0.48247	0.630394	0.558312	0.652739	0.596644	0.585444	0.709078
0.603162	0.544408	0.416094	0.4203	0.548966	0.462077	0.504654	0.375246	0.513822	0.527812
0.661199	0.693046	0.501564	0.611486	0.65023	0.647232	0.609853	0.625795	0.669242	0.634711
0.635371	0.547434	0.412148	0.729138	0.629472	0.479302	0.619517	0.596644	0.471682	0.475518
0.435675	0.623559	0.456419	0.577076	0.643517	0.446111	0.436038	0.654109	0.482003	0.25495
0.452412	0.553548	0.566118	0.582761	0.61676	0.533285	0.543135	0.709141	0.593808	0.498874
0.456084	0.483337	0.566118	0.499679	0.566141	0.558312	0.688715	0.555121	0.460356	0.775564
0.551975	0.564461	0.569329	0.605415	0.593249	0.539969	0.667368	0.50322	0.444502	0.51656

0.504126	0.602379	0.614292	0.523264	0.562967	0.574213	0.549893	0.448281	0.545128	0.457576
0.514547	0.605838	0.548865	0.556588	0.607903	0.50684	0.562953	0.548188	0.493915	0.458183
0.569173	0.620854	0.552727	0.627499	0.7342	0.540718	0.58046	0.535388	0.550445	0.520045
0.497315	0.624465	0.502254	0.432852	0.524413	0.471562	0.492549	0.531694	0.448713	0.456971
0.457315	0.383711	0.468389	0.610613	0.486344	0.514536	0.603813	0.535388	0.444502	0.575191
0.532492	0.545163	0.703258	0.57306	0.423522	0.549809	0.553694	0.555898	0.41667	0.689001
0.605757	0.575655	0.616982	0.497658	0.470086	0.393909	0.369744	0.488987	0.354506	0.405654
0.511744	0.581362	0.531533	0.370915	0.577435	0.338755	0.246915	0.501158	0.591282	0.46368
0.471727	0.568426	0.451476	0.481174	0.524413	0.298748	0.468678	0.692845	0.440924	0.498874
0.505501	0.564461	0.461419	0.669323	0.680237	0.458961	0.539425	0.735378	0.48858	0.524972
0.402388	0.508268	0.479387	0.56279	0.551268	0.46333	0.466799	0.473915	0.436198	0.449768
0.454244	0.50344	0.528588	0.542205	0.544397	0.534023	0.438959	0.442851	0.406677	0.610777
0.613635	0.492603	0.543517	0.538497	0.453798	0.462077	0.464306	0.572548	0.540622	0.701573
0.567581	0.506193	0.55584	0.535554	0.462492	0.471562	0.344028	0.462474	0.550445	0.481881
0.621659	0.485964	0.414398	0.508546	0.576619	0.52237	0.397079	0.487655	0.641985	0.387228
0.559708	0.390004	0.339457	0.608006	0.581541	0.433045	0.58046	0.580707	0.47232	0.531389
0.417305	0.577278	0.480699	0.490989	0.498439	0.444306	0.393897	0.465622	0.445101	0.510356
0.467921	0.561315	0.492692	0.4203	0.402807	0.385438	0.448442	0.553571	0.379551	0.447986
0.539882	0.417814	0.515577	0.481174	0.416131	0.408037	0.376799	0.45378	0.378007	0.454556
0.497315	0.51245	0.501564	0.461566	0.511583	0.42839	0.410046	0.411623	0.327613	0.404044
0.448167	0.565251	0.442356	0.411393	0.433381	0.614044	0.451448	0.401693	0.48858	0.451557
0.570771	0.689873	0.382854	0.464047	0.42467	0.584869	0.476916	0.554345	0.553513	0.421537
0.717976	0.616384	0.359867	0.548203	0.628551	0.456484	0.517106	0.482369	0.515229	0.491604
0.56284	0.609325	0.430488	0.519714	0.642566	0.539969	0.512915	0.345499	0.48331	0.412702
0.459168	0.489271	0.522034	0.541461	0.457503	0.476707	0.622191	0.529492	0.405581	0.522853
0.444561	0.484649	0.58159	0.48835	0.458745	0.46711	0.519922	0.46436	0.444502	0.574397
0.506881	0.552012	0.522757	0.470312	0.499121	0.473484	0.351632	0.420074	0.412201	0.443268
0.43392	0.631776	0.584084	0.4591	0.462492	0.53773	0.393369	0.396274	0.643876	0.634711
0.524505	0.462872	0.518435	0.539976	0.383558	0.409143	0.398679	0.456246	0.512419	0.470494
0.531028	0.561315	0.528588	0.565924	0.477814	0.551342	0.537214	0.541364	0.523769	0.444443
0.521636	0.487284	0.49067	0.514793	0.511583	0.469012	0.506704	0.354212	0.504785	0.419866
0.609241	0.424054	0.497446	0.571464	0.497079	0.411921	0.54388	0.389858	0.48331	0.502892
0.509653	0.445723	0.533013	0.598578	0.610542	0.416965	0.490564	0.450106	0.332212	0.506269
0.346413	0.407794	0.460791	0.469052	0.533181	0.592403	0.343087	0.320365	0.386306	0.418756
0.475567	0.469798	0.404913	0.415267	0.54213	0.643416	0.432558	0.389858	0.476167	0.440346
0.647615	0.610201	0.426409	0.501031	0.564551	0.517368	0.431405	0.576608	0.505474	0.480601
0.551975	0.472984	0.482675	0.410843	0.529506	0.525978	0.408951	0.517223	0.518057	0.500879
0.536171	0.446324	0.545801	0.538497	0.504616	0.467743	0.484011	0.57498	0.542119	0.524972
0.468553	0.378022	0.432836	0.458485	0.500488	0.466478	0.529925	0.580707	0.552744	0.561119
0.464775	0.52452	0.542758	0.434592	0.471364	0.459582	0.388644	0.443451	0.605794	0.546743
0.45855	0.562885	0.522034	0.415824	0.495722	0.658883	0.491224	0.37782	0.495933	0.552738
0.495965	0.578907	0.429319	0.471576	0.489003	0.494535	0.459978	0.453165	0.476167	0.477417
0.461651	0.570022	0.411027	0.487693	0.49235	0.480606	0.369245	0.465622	0.515934	0.361219
0.523068	0.531049	0.530058	0.602838	0.536888	0.451572	0.456302	0.477147	0.523051	0.490949
0.587912	0.474906	0.616982	0.659458	0.547437	0.536243	0.60125	0.594088	0.489244	0.491604
0.625274	0.473624	0.622412	0.701413	0.615866	0.633094	0.610723	0.555121	0.567592	0.453955
0.566787	0.494614	0.655517	0.496987	0.570141	0.634953	0.540164	0.535388	0.503411	0.561889

0.651453	0.70488	0.546565	0.422555	0.630394	0.633094	0.531373	0.574168	0.573193	0.515173
0.62076	0.722691	0.540489	0.446972	0.65023	0.680057	0.543135	0.455628	0.607534	0.579985
0.546643	0.610201	0.508514	0.457259	0.501174	0.565395	0.501934	0.50322	0.558155	0.515866
0.5756	0.618166	0.598494	0.62569	0.508783	0.528157	0.538687	0.543627	0.492575	0.472999
0.642865	0.675368	0.703258	0.746664	0.567737	0.608751	0.532099	0.571741	0.70156	0.676782
0.58625	0.668293	0.84616	0.596042	0.49235	0.665827	0.562953	0.423502	0.566798	0.705846
0.524505	0.708164	0.76822	0.608006	0.624889	0.665827	0.64138	0.565334	0.464725	0.642063
0.571572	0.679463	0.630687	0.541461	0.691781	0.638694	0.490564	0.685445	0.567592	0.674779
0.607495	0.452379	0.684998	0.578693	0.581541	0.677995	0.554458	0.655085	0.560495	0.561119
0.625274	0.638276	0.632547	0.764928	0.694983	0.639634	0.57003	0.77992	0.6496	0.512414
0.704702	0.694108	0.641971	0.746664	0.678171	0.643416	0.662437	0.646376	0.563635	0.478688
0.546643	0.614608	0.619689	0.539236	0.596653	0.561446	0.664403	0.525847	0.646729	0.49226
0.612753	0.647734	0.742257	0.585221	0.596653	0.663831	0.58372	0.667981	0.667237	0.619489
0.640039	0.709265	0.668486	0.546696	0.75831	0.643416	0.448442	0.760803	0.76558	0.726737
0.609241	0.774526	0.855404	0.638512	0.594097	0.634022	0.55217	0.568525	0.466612	0.748684
0.728205	0.583006	0.576644	0.570668	0.662979	0.563811	0.503972	0.483685	0.422323	0.509672
0.927539	0.619061	0.542	0.67738	0.918363	0.674921	0.537214	0.69178	0.58877	0.592206
0.770445	0.698385	0.641019	0.66535	0.818012	0.761658	0.778689	0.835439	0.619911	0.651433
0.592936	0.584657	0.592503	0.655573	0.487008	0.506148	0.759877	0.547425	0.539875	0.661977
0.750624	0.743641	0.772059	0.57306	0.634103	0.68735	0.702475	0.503909	0.662266	0.739307
0.756721	0.933544	0.785107	0.560454	0.767075	0.878233	0.734838	0.74851	0.743572	0.805567
0.713506	0.73304	0.813853	0.721195	0.674068	0.623918	0.636734	0.768349	0.632651	0.606487
0.766659	0.717046	0.686051	0.773721	0.716958	0.493861	0.411695	0.67	0.526653	0.58321
0.969544	0.75207	0.785107	0.858975	0.866089	0.68735	0.517808	0.713591	0.610156	0.830584
0.625274	0.906694	1.314587	0.857433	0.666979	0.625738	0.632137	0.646376	0.63543	0.809637
0.750624	0.723829	1.113639	0.985337	0.804018	0.79941	0.768555	0.765819	0.736477	0.845132
0.699288	0.960196	0.829706	0.613236	1.10593	0.989095	0.863329	0.700374	0.982209	0.68694
0.877732	0.748438	0.899628	0.82199	1.103179	0.997598	0.902416	0.746093	0.855868	0.993598
0.675221	0.486624	0.674604	0.805297	0.774731	0.667831	0.695011	0.804029	0.737651	0.845132
0.722492	0.669297	0.894486	0.759982	0.727221	0.708891	0.654661	0.99035	0.92429	0.702637
0.804717	0.908433	1.301343	0.744286	0.844398	0.874984	0.846526	0.940449	0.754436	0.912187
0.540628	0.688821	0.805444	0.681465	0.607903	0.589039	0.874371	0.729538	0.759354	0.90195
0.801982	0.935395	1.000052	0.826265	0.728376	0.712216	0.941626	0.798555	0.766836	0.935231
0.994292	1.266759	1.12219	0.901103	1.240769	1.156517	0.852561	0.906024	0.911818	1.115383
1.027353	1.137074	1.200865	0.983276	1.037158	1.004086	1.172471	1.012034	0.802198	0.915654
0.807469	0.870093	0.913645	0.710094	0.902528	0.742154	0.75621	0.92562	0.705911	0.715616
0.967544	0.933544	0.941214	0.795848	1.108699	0.786018	0.727941	1.061434	0.824598	0.640214
1.136078	1.258877	1.164482	0.931037	0.85666	0.922847	1.025745	1.301394	0.929746	0.940727
0.657274	0.753287	0.735115	0.782696	0.678171	0.665827	0.802395	0.638779	0.915345	1.257603
0.716854	0.898101	0.987207	0.764928	0.716958	0.833344	0.880808	0.731865	0.911818	0.94443
1.289755	1.025173	1.387644	0.795848	0.897375	0.84076	1.051389	0.99247	0.787442	0.734694
1.063139	0.944767	1.387644	1.2173	0.711359	0.635885	0.902416	0.822314	0.674295	0.839254
0.73633	0.568426	0.702162	0.761213	0.936663	0.627565	0.681482	0.79047	0.748367	0.652381
0.846433	0.744836	0.881064	0.840829	1.00537	0.665827	0.644192	0.832488	0.6554	0.538633
0.639102	0.859066	0.84161	0.817756	0.861349	1.01289	1.003677	0.83102	0.715862	0.768066
0.609241	0.666293	0.755663	0.730284	0.680237	0.821736	0.918031	0.715834	0.821734	0.99989
0.585421	0.711474	0.673579	0.609743	0.8223	0.794004	0.758651	0.797197	1.247037	0.85109

0.743418	0.763153	0.832651	0.809411	0.621257	0.786018	0.848027	0.923802	0.744766	0.8936
0.68448	0.661331	0.689226	0.763686	0.711359	0.726927	0.721153	0.770894	0.581322	0.677788
0.889242	0.783582	0.702162	0.96123	0.948025	0.873368	0.591147	0.826645	0.662266	0.711247
0.895958	0.807775	0.672555	0.599427	0.728376	0.908625	0.715575	1.012034	0.846702	0.833455
0.647615	0.620854	0.705458	0.660434	0.661985	0.688402	0.741846	0.716959	0.686666	0.908748
0.690765	0.764402	0.728089	0.672327	0.70914	0.798053	0.59955	0.690718	0.506163	0.56035
0.911462	1.167627	0.941214	0.643184	0.740103	0.855983	0.675377	0.789137	0.796774	0.878963
0.834519	0.723829	0.892785	0.715609	0.681274	0.685254	0.798353	0.772172	0.800836	0.898591
0.626182	0.575655	0.524207	0.682493	0.779911	0.525978	0.591147	0.967684	0.783503	0.637454
0.727056	0.643926	0.638177	0.911434	0.755838	0.613157	0.680458	0.765819	0.823163	0.812373
0.821496	0.816149	0.950806	0.938391	0.689659	0.574213	0.686636	0.828099	0.745963	1.023775
0.655325	0.618166	0.672555	0.660434	0.704734	0.753017	0.837627	0.816606	0.824598	1.112635
0.67319	0.79956	0.67977	0.524692	0.798544	0.761658	0.677402	0.746093	0.704819	0.783193
0.831591	0.915461	0.92813	0.746664	0.71359	0.697987	0.522756	0.618546	0.70373	0.72003
0.784616	0.680493	0.632547	0.701413	0.575804	0.523809	0.509454	0.686495	0.601475	0.474257
0.796564	0.80916	0.533755	0.733743	0.685446	0.51383	0.527762	0.570934	0.63636	0.574397
0.778117	0.970126	0.926293	0.722321	0.888921	0.922847	0.768555	0.744889	0.836246	0.819287
0.633518	0.768171	0.678732	0.584399	0.679203	0.762907	0.716685	0.642561	0.679407	0.817895
0.48335	0.73772	0.566918	0.531903	0.605281	0.649152	0.623982	0.650225	0.688763	0.599708
0.563627	0.605838	0.704356	0.679418	0.818012	0.655941	0.529203	0.786484	0.917119	0.874191
0.742229	0.51315	0.781151	0.752667	0.632244	0.749366	0.64892	0.545142	0.602336	0.745144
0.797913	0.552779	0.583251	0.726853	0.767075	0.652048	0.717798	0.69929	0.628972	0.578381
0.824356	0.637342	0.588273	0.731434	0.724919	0.595794	0.649871	0.592393	0.803565	0.829156
0.706886	0.665296	0.783784	0.763686	0.6844	0.728079	0.617744	0.668989	0.994781	1.04201
0.651453	0.532513	0.717759	0.721195	0.594097	0.735059	0.703551	0.74851	0.736477	0.837797
0.680341	0.545918	0.659466	0.569874	0.882274	0.970552	0.807844	0.921991	0.744766	0.575191
0.707982	0.84079	0.855404	0.877912	0.944204	0.941305	1.01018	0.783846	0.736477	0.659076
0.45855	0.676388	0.77984	0.929218	0.738916	0.646275	0.672357	0.787808	0.724904	0.592206
0.573178	0.712583	0.694569	0.865196	0.682313	0.690514	0.582087	0.808181	0.817473	0.640214
0.808851	0.871692	0.85853	0.852841	0.759551	0.765415	0.680458	0.782533	0.896293	0.935231
0.879357	0.904962	0.705458	0.638512	0.659016	0.653018	0.836161	0.580707	0.565213	0.717818
0.664166	0.746033	0.706562	0.603695	0.747295	0.818881	0.59365	0.664971	0.486597	0.636538
0.624367	0.883049	0.809628	0.70034	0.85666	0.910377	0.748969	0.856679	0.784812	0.710161
0.642865	0.715926	0.773346	0.685589	0.601809	0.543727	0.64797	0.799917	0.704819	0.700511
0.57641	0.618166	0.584918	0.601983	0.646381	0.5857	0.475001	0.666976	0.708102	0.693151
0.725911	0.596391	0.652579	0.741921	0.818012	0.697987	0.598702	0.79047	0.891238	1.058619
0.540628	0.606707	0.611619	0.650767	0.595799	0.642468	0.623982	0.522954	0.589606	0.8936
0.521636	0.419507	0.675633	0.777545	0.611424	0.68735	0.654661	0.496384	0.604927	0.701573
0.553511	0.528862	0.697807	0.682493	0.720352	0.59156	0.463685	0.632238	0.901406	0.848101
0.700366	0.744836	0.847687	0.598578	0.530239	0.604389	0.674368	0.893999	0.735306	0.816508
0.592095	0.463497	0.366889	0.445777	0.574178	0.58074	0.406224	0.813779	0.61545	0.571236
0.691821	0.454213	0.440555	0.537023	0.691781	0.501328	0.391788	0.681272	0.602336	0.725612
0.701446	0.437986	0.701069	0.782696	0.652167	0.624827	0.480772	0.527302	0.477457	0.765596
0.588745	0.417814	0.667474	0.6908	0.600946	0.587366	0.650825	0.591548	0.407776	0.568098
0.482043	0.437986	0.557406	0.628406	0.636906	0.636819	0.567658	0.632238	0.709202	0.787059
0.513845	0.675368	0.739863	0.605415	0.550499	0.668837	0.658532	0.688601	0.672267	0.781912
0.43392	0.529589	0.698892	0.413603	0.493022	0.547518	0.623982	0.550487	0.480699	0.548982

0.43392	0.51315	0.590806	0.473479	0.615866	0.630321	0.481418	0.582357	0.582143	0.540096
0.525225	0.552779	0.590806	0.544444	0.752156	0.736234	0.596169	0.571741	0.602336	0.748684
0.581302	0.457285	0.542758	0.619419	0.539876	0.556753	0.624881	0.518649	0.467242	0.623023
0.567581	0.505503	0.741058	0.692902	0.54364	0.433045	0.621298	0.579063	0.625325	0.582402
0.438027	0.667292	0.713245	0.620309	0.60966	0.663831	0.730228	0.468157	0.709202	0.628378
0.459788	0.545163	0.671534	0.624789	0.548966	0.439529	0.578031	0.474559	0.413871	0.55048
0.615406	0.628105	0.610732	0.55352	0.628551	0.510321	0.574813	0.638779	0.469773	0.51795
0.606625	0.610201	0.474177	0.427101	0.643517	0.5552	0.506704	0.616753	0.486597	0.54973
0.426393	0.40124	0.64966	0.548203	0.470724	0.562233	0.520629	0.501158	0.521618	0.537175
0.523068	0.41669	0.558977	0.622991	0.440478	0.472843	0.634889	0.578243	0.487918	0.542301
0.579665	0.619061	0.603697	0.509236	0.431625	0.570986	0.509454	0.535388	0.552744	0.59803
0.457315	0.677411	0.806834	0.658483	0.54213	0.483882	0.283444	0.383536	0.566798	0.512414
0.543625	0.624465	0.551178	0.577884	0.579073	0.594095	0.511527	0.281873	0.47232	0.459398
0.423533	0.615495	0.512738	0.479237	0.636906	0.546757	0.537214	0.346939	0.54137	0.476783
0.426968	0.65448	0.641971	0.498331	0.553583	0.435981	0.498559	0.562166	0.515229	0.451557
0.635371	0.491267	0.575008	0.389372	0.508085	0.399289	0.452052	0.549719	0.442113	0.39608
0.705792	0.547434	0.64966	0.592684	0.61676	0.50684	0.606391	0.600075	0.487257	0.592206
0.459788	0.405052	0.753194	0.606277	0.583195	0.650115	0.557528	0.583185	0.723763	0.75948
0.585421	0.412219	0.754427	0.673333	0.554357	0.668837	0.651781	0.681272	0.691927	0.837797
0.565995	0.466006	0.533013	0.531903	0.410529	0.592403	0.557528	0.501158	0.540622	0.566537
0.421826	0.444524	0.540489	0.407554	0.444071	0.520219	0.476916	0.590704	0.586273	0.565759
0.467921	0.633623	0.602825	0.446374	0.577435	0.460204	0.342148	0.487655	0.562848	0.559583
0.544378	0.584657	0.557406	0.492979	0.660993	0.468377	0.520629	0.548953	0.424605	0.439764
0.611872	0.516672	0.514866	0.569874	0.564551	0.525254	0.566871	0.49503	0.443306	0.388777
0.4398	0.467267	0.586592	0.601129	0.44287	0.468377	0.516404	0.522954	0.515934	0.609056
0.674204	0.526685	0.465842	0.684555	0.48967	0.364457	0.391262	0.56613	0.567592	0.519346
0.534696	0.389476	0.512031	0.541461	0.451958	0.501328	0.512915	0.484344	0.545128	0.418203
0.502755	0.449947	0.584084	0.534822	0.46754	0.474771	0.497216	0.363102	0.51312	0.438602
0.447564	0.467898	0.49813	0.490989	0.477814	0.467743	0.495877	0.474559	0.456646	0.459398
0.502071	0.506193	0.497446	0.491652	0.507389	0.470923	0.441311	0.656064	0.540622	0.463065
0.444561	0.474264	0.496082	0.474752	0.450735	0.426081	0.500581	0.578243	0.475523	0.615983
0.468553	0.515965	0.399974	0.472843	0.606153	0.52743	0.455692	0.562166	0.426899	0.551232
0.539138	0.436219	0.320418	0.458485	0.560602	0.483225	0.438959	0.437487	0.437964	0.429986
0.573984	0.483337	0.424096	0.571464	0.535401	0.495885	0.454475	0.381448	0.384738	0.389813
0.553511	0.570822	0.524207	0.484421	0.444672	0.594944	0.499906	0.508767	0.3996	0.345955
0.65049	0.560532	0.500875	0.535554	0.545155	0.400916	0.456912	0.520796	0.511021	0.402973
0.639102	0.626281	0.544277	0.483119	0.573368	0.479954	0.414456	0.477797	0.493245	0.440346
0.536171	0.396389	0.550406	0.439854	0.423522	0.426081	0.59198	0.606145	0.499996	0.556527
0.517369	0.428648	0.49067	0.391472	0.468811	0.474771	0.602103	0.71136	0.531748	0.527812
0.436262	0.442731	0.455798	0.41305	0.510881	0.370494	0.490564	0.543627	0.493245	0.537903
0.389018	0.428648	0.582419	0.487037	0.579073	0.46711	0.323779	0.448281	0.557378	0.5271
0.611872	0.738898	0.795834	0.71672	0.624889	0.690514	0.455692	0.617649	0.664248	0.561889
0.723629	0.958237	0.543517	0.57386	0.491008	0.54524	0.461827	0.505292	0.726047	0.555008
0.653385	0.790168	0.502254	0.547449	0.661985	0.446111	0.482713	0.48832	0.522334	0.616857
0.629834	0.627192	0.606322	0.745474	0.79046	0.529616	0.664403	0.59324	0.590443	0.678795
0.58708	0.643926	0.724618	0.545193	0.674068	0.635885	0.702475	0.523675	0.621708	0.520045
0.487294	0.426919	0.575008	0.503068	0.566141	0.546757	0.469936	0.33602	0.446302	0.438602

0.621659	0.444524	0.599357	0.635732	0.530239	0.511021	0.512221	0.587346	0.529557	0.588914
0.857133	0.676388	0.773346	0.808035	0.750935	0.59156	0.604671	0.855127	0.644825	0.573605
0.636301	0.796856	0.646761	0.575465	0.835423	0.625738	0.597012	0.716959	0.760592	0.642991
0.637232	0.630855	0.408237	0.480528	0.706931	0.733888	0.636734	0.597499	0.710305	0.611641
0.624367	0.51315	0.493368	0.734902	0.836906	0.787339	0.639516	0.552797	0.716982	0.573605
0.749415	0.695174	0.596774	0.69185	0.8223	0.813229	0.578839	0.483027	0.633575	0.645787
0.755495	0.717046	0.582419	0.627499	0.538379	0.575023	0.664403	0.486328	0.467874	0.623911
0.824356	0.645826	0.717759	0.570668	0.644469	0.531814	0.568448	0.528031	0.586273	0.858655
0.904503	0.878145	1.013288	0.82341	0.798544	0.567782	0.602103	0.826645	0.874803	0.806919
0.641921	0.777094	0.786433	0.565138	0.723773	0.630321	0.461827	0.623971	0.575616	0.655237
0.456699	0.508268	0.545801	0.509236	0.708034	0.726927	0.555223	0.668989	0.63543	0.474887
0.756721	0.636409	0.770776	0.934698	0.819437	0.701229	0.619517	0.648296	0.787442	0.657153
0.724768	0.802281	0.760642	0.744286	0.705832	0.535502	0.509454	0.376274	0.719231	0.653331
0.634443	0.64298	0.642925	0.627499	0.539127	0.583213	0.515704	0.578243	0.630808	0.75948
0.625274	0.453601	0.527123	0.591848	0.559032	0.587366	0.61686	0.600075	0.587936	0.723371
0.656298	0.806395	0.694569	0.740743	0.783837	0.742154	0.914513	0.805409	0.634502	0.6708
0.683442	0.92804	0.808229	0.551233	0.630394	0.579099	0.630311	0.785163	0.723763	0.741633
0.58958	0.64298	0.619689	0.62569	0.606153	0.602656	0.540164	0.573357	0.653458	0.650487
0.769179	0.628105	0.558191	0.713394	0.649264	0.613157	0.572415	0.612301	0.629889	0.683868
0.69288	0.749645	0.855404	0.693957	0.622162	0.640577	0.617744	0.56454	0.58877	0.633801
0.583769	0.672322	0.704356	0.593521	0.613196	0.476707	0.646077	0.602666	0.528829	0.642991
0.654354	0.614608	0.628835	0.675352	0.742487	0.640577	0.864889	0.760803	0.560495	0.75948
0.73633	0.790168	0.713245	0.683522	0.71471	0.676968	0.645134	0.671013	0.624418	0.760696
0.539138	0.632699	0.68081	0.531176	0.551268	0.639634	0.607254	0.578243	0.604927	0.597193
0.545132	0.556638	0.520591	0.384166	0.589872	0.716689	0.576419	0.736556	0.611914	0.607341
0.610116	0.675368	0.645798	0.622991	0.872491	0.906879	0.636734	0.708035	0.697252	0.698396
0.637232	0.576465	0.714369	0.749056	0.659016	0.620301	0.571619	0.501844	0.597199	0.513102
0.58958	0.51526	0.545038	0.642246	0.738916	0.502013	0.594488	0.55902	0.670248	0.493574
0.627092	0.635479	0.536735	0.718952	0.755838	0.624827	0.884064	0.852039	0.874803	0.776826
0.69288	0.754508	0.659466	0.591848	0.802643	0.876605	0.846526	0.578243	0.713631	0.69211
0.603162	0.625372	0.697807	0.549715	0.51299	0.684209	0.774861	0.620347	0.679407	0.748684
0.563627	0.628105	0.675633	0.449972	0.533181	0.564602	0.60125	0.741298	0.660293	0.781912
0.707982	0.855966	0.834132	0.602838	0.554357	0.54222	0.562174	0.563747	0.545128	0.705846
0.640039	0.619061	0.778534	0.518302	0.432795	0.517368	0.572415	0.50807	0.442709	0.53355
0.549682	0.579723	0.545038	0.509926	0.596653	0.596646	0.524181	0.56454	0.531748	0.542301
0.54816	0.694108	0.601088	0.628406	0.861349	0.744544	0.732527	0.887273	0.799477	0.663923
0.478793	0.662319	0.764415	0.569081	0.572559	0.830413	0.919802	0.710249	0.612795	0.768066
0.598019	0.63455	0.943115	0.699269	0.55591	0.742154	0.758651	0.572548	0.619015	0.565759
0.578034	0.893025	0.738671	0.550474	0.683355	0.928302	0.836161	0.66099	0.687713	0.681832
0.669156	0.883049	0.786433	0.798527	0.738916	0.679025	0.578839	0.607019	0.611034	0.665876
0.682406	0.586314	0.600222	0.503068	0.723773	0.364457	0.366755	0.614967	0.69087	0.553493
0.754272	0.754508	0.50572	0.398368	0.633173	0.507534	0.57003	0.678169	0.582143	0.590557
0.785927	0.845287	0.662452	0.725716	0.816592	0.881507	0.952964	0.684398	0.626234	1.088658
0.710183	0.719295	0.64388	0.798527	0.659016	0.707788	0.951054	0.776028	0.548919	0.768066
0.662185	0.611079	0.735115	0.743102	0.710248	0.444907	0.623982	0.625795	0.594653	0.563433
0.659232	0.784891	0.871263	0.8277	0.818012	0.695839	0.693955	0.702549	0.758119	0.700511
0.651453	0.779677	0.601088	0.652683	0.815177	0.725777	0.690803	0.635964	0.529557	0.46987

0.502755	0.651576	0.595916	0.552756	0.693913	0.505456	0.464928	0.533906	0.429784	0.578381
0.499347	0.709265	0.698892	0.591014	0.882274	0.771749	0.470566	0.606145	0.777017	0.997783
0.880989	1.010074	0.956665	0.889353	0.874106	1.042802	0.730228	0.763303	1.058804	1.075889
0.748209	0.668293	0.744664	0.845295	0.532444	0.621203	0.558299	0.648296	0.552744	0.644853
0.542874	0.562885	0.904831	0.71672	0.542885	0.666828	0.69926	0.533906	0.587104	0.575986
0.723629	0.857513	0.90309	0.652683	0.549732	0.733888	0.684567	0.655085	0.687713	0.578381
0.779409	0.624465	0.551178	0.688708	0.657048	0.541468	0.679437	0.631312	0.565213	0.483165
0.512443	0.594695	0.619689	0.539236	0.573368	0.533285	0.672357	0.579884	0.565213	0.614241
0.454857	0.711474	0.75074	0.509926	0.662979	0.738592	0.603813	0.615859	0.84219	0.775564
0.723629	0.814742	0.829706	0.604554	0.690719	0.933827	0.905838	0.74851	0.708102	0.924443
0.73986	0.520935	0.58996	0.658483	0.656068	0.53773	0.620407	0.864524	0.626234	0.653331
0.653385	0.473624	0.579935	0.613236	0.482386	0.628482	0.571619	0.672028	0.548919	0.669811
0.590417	0.448132	0.781151	0.71672	0.548201	0.664828	0.681482	0.822314	0.641985	0.635623
0.68448	0.588811	0.714369	0.682493	0.65023	0.572596	0.612467	0.611417	0.598051	0.557289
0.485976	0.511051	0.64007	0.476029	0.470086	0.589039	0.600399	0.585677	0.653458	0.52639
0.526668	0.79956	0.704356	0.704648	0.692846	0.828954	0.600399	0.661982	0.831842	0.738149
0.818654	0.920807	0.769496	0.820574	0.853562	0.79941	0.851044	0.758316	0.685622	0.641138
0.671168	0.891346	0.585755	0.591014	0.666979	0.531814	0.61686	0.742492	0.484622	0.497543
0.567581	0.63455	0.50572	0.479237	0.513695	0.475415	0.631223	0.672028	0.421187	0.734694
0.748209	0.631776	0.742257	0.693957	0.706931	0.742154	0.843539	0.893999	0.669242	0.985347
0.602301	0.659363	0.598494	0.600277	0.813766	0.720075	0.668361	0.651193	0.644825	0.658113
0.456084	0.506884	0.663452	0.551233	0.55591	0.683167	0.562953	0.477797	0.607534	0.740468
0.54816	0.502755	0.600222	0.591848	0.514401	0.655941	0.598702	0.643512	0.831842	0.806919
0.626182	0.50344	0.605445	0.712291	0.704734	0.658883	0.5653	0.754613	0.839208	0.687969
0.584594	0.771972	0.586592	0.491652	0.70364	0.539969	0.389167	0.563747	0.671256	0.661008
0.543625	0.696241	0.647725	0.55352	0.598365	0.459582	0.649871	0.806793	0.687713	0.781912
0.559708	0.495287	0.675633	0.89435	0.770886	0.57179	0.684567	0.826645	0.795428	0.671791
0.610116	0.626281	0.721175	0.663377	0.654113	0.515949	0.586182	0.548188	0.620808	0.565759
0.400221	0.478777	0.641971	0.678398	0.568537	0.492518	0.642316	0.530225	0.498637	0.640214
0.48928	0.505503	0.650631	0.624789	0.514401	0.491178	0.666378	0.635029	0.577238	0.723371
0.704702	0.764402	0.605445	0.519007	0.571751	0.547518	0.527762	0.650225	0.631728	0.540096
0.498669	0.628105	0.514155	0.368413	0.504616	0.493189	0.434295	0.655085	0.723763	0.642991
0.475567	0.520222	0.37764	0.42199	0.424096	0.40859	0.50739	0.648296	0.654428	0.665876
0.690765	0.740079	0.590806	0.579503	0.696056	0.652048	0.747773	0.634097	0.707005	0.699452
0.609241	0.784891	0.693495	0.526842	0.518664	0.579099	0.57003	0.481713	0.500677	0.555008
0.653385	0.433292	0.478732	0.564354	0.486344	0.497918	0.553694	0.415546	0.437964	0.537175
0.518077	0.433876	0.579935	0.6908	0.579894	0.54828	0.717798	0.601801	0.566798	0.748684
0.693942	0.617274	0.58159	0.640375	0.649264	0.608751	0.556758	0.692845	0.660293	0.627481
0.545132	0.548193	0.565318	0.374949	0.502547	0.616714	0.566084	0.525847	0.633575	0.657153
0.552742	0.639213	0.633481	0.415824	0.550499	0.568581	0.50739	0.658027	0.63543	0.498874
0.660214	0.617274	0.521312	0.464047	0.584854	0.511021	0.493212	0.743689	0.871589	0.698396
0.608367	0.492603	0.62699	0.53776	0.51018	0.586532	0.58536	0.604402	0.589606	0.571236
0.447564	0.539909	0.532272	0.529727	0.531707	0.398208	0.475001	0.703641	0.608406	0.575986
0.551975	0.571624	0.50572	0.622991	0.561389	0.494535	0.574813	0.838411	0.578052	0.582402
0.604026	0.668293	0.64007	0.622991	0.65023	0.583213	0.449041	0.584014	0.522334	0.56035
0.568376	0.472984	0.563724	0.670322	0.520094	0.576649	0.602957	0.551256	0.528103	0.621252
0.325898	0.555864	0.623324	0.474752	0.594097	0.511021	0.53795	0.62671	0.622609	0.612506

0.33931	0.647734	0.566118	0.496987	0.531707	0.518079	0.602957	0.66	0.663256	0.732406
0.396991	0.545918	0.424673	0.492979	0.528045	0.559876	0.476916	0.584014	0.575616	0.666857
0.308929	0.528862	0.530795	0.548203	0.566938	0.620301	0.453262	0.49503	0.506163	0.461228
0.367444	0.435632	0.546565	0.59436	0.719217	0.609628	0.472461	0.737736	0.54137	0.485744
0.493279	0.491267	0.697807	0.63297	0.665975	0.59156	0.521337	0.55902	0.598051	0.556527
0.611872	0.422912	0.508514	0.506484	0.454413	0.424357	0.503292	0.459972	0.535423	0.580789
0.601441	0.469798	0.582419	0.509926	0.362627	0.491178	0.481418	0.418938	0.587104	0.579182
0.505501	0.522366	0.761896	0.688708	0.435145	0.542973	0.437204	0.604402	0.498637	0.672785
0.500026	0.502755	0.472884	0.545193	0.318135	0.446714	0.301431	0.43219	0.482656	0.681832
0.427543	0.445123	0.390261	0.480528	0.436915	0.462077	0.358397	0.423502	0.503411	0.538633
0.359991	0.55975	0.467114	0.536288	0.581541	0.554426	0.367252	0.505292	0.622609	0.534272
0.362957	0.446926	0.51629	0.503749	0.49437	0.438343	0.307019	0.516512	0.569984	0.457576
0.438617	0.490601	0.401614	0.380045	0.466906	0.453407	0.458749	0.601801	0.51172	0.500209
0.478146	0.456669	0.476774	0.457871	0.418959	0.500644	0.385523	0.438674	0.441518	0.740468
0.538394	0.52452	0.618785	0.496987	0.52369	0.434217	0.394955	0.467522	0.474881	0.58321
0.536171	0.533247	0.552727	0.4591	0.347926	0.465846	0.563734	0.50322	0.555055	0.49226
0.563627	0.482683	0.601088	0.485074	0.368144	0.582387	0.497887	0.366106	0.508933	0.614241
0.669156	0.685679	0.664454	0.608006	0.562967	0.617608	0.449642	0.376274	0.531016	0.667839
0.803347	0.774526	0.568524	0.703567	0.802643	0.589877	0.549893	0.637838	0.582966	0.574397
0.837467	0.889674	0.6695	0.925603	0.850486	0.567782	0.684567	0.704735	0.500677	0.679805
1.195907	0.91018	0.832651	1.117048	0.914794	0.796699	0.727941	0.762051	0.473598	0.770551
1.086117	1.018974	0.863261	0.755092	0.953819	0.709996	0.52561	0.763303	0.573999	0.581595
1.096734	0.602379	0.76822	0.860522	0.875728	0.836295	0.768555	0.772172	0.60928	0.781912
1.10487	0.842284	1.620667	1.398282	0.875728	1.226923	1.056219	0.801284	0.90832	0.935231
1.157174	1.978646	0.876136	1.333817	1.730417	1.090597	0.995154	1.20824	1.122364	0.937055
1.195907	1.490734	0.910098	0.983276	1.328036	1.257063	0.8857	1.061434	1.056347	0.75106
1.160273	1.174005	0.920827	1.054617	1.208144	1.285269	1.205428	1.567821	0.972004	0.824899
1.091393	1.958628	1.420694	1.006501	1.158686	2.289957	1.337603	1.425871	1.823851	1.552708
0.977638	1.384858	1.39298	1.037979	1.208144	1.382887	1.292319	0.83102	1.128106	1.220951
1.2791	0.98442	1.255968	1.550352	1.161814	1.172275	1.46458	1.397957	1.041892	1.310675
1.298218	1.003517	0.922642	0.936541	0.963651	1.666948	0.937912	1.392584	1.4004	1.761867
0.981742	1.2628	1.070679	0.871508	1.089679	1.165903	0.771066	1.356722	1.428328	1.207114
0.951866	1.758439	1.041036	0.848298	0.992766	0.860655	0.918031	1.017297	1.384467	0.842183
1.372606	1.99963	1.116471	1.082123	1.40873	0.90341	0.824612	0.97579	1.058804	0.97525
1.020536	1.595711	1.139813	1.200028	0.909495	0.870155	0.874371	0.856679	0.839208	0.92801
1.409639	1.30847	0.856964	1.357492	1.397784	0.926476	1.068534	1.20824	0.763079	0.816508
1.896365	1.458644	1.097027	1.82747	1.202183	1.191625	1.879901	1.515179	1.068772	1.683827
0.745807	1.270754	1.3376	0.713394	1.181067	1.223299	1.076094	0.86611	1.193476	1.323557
0.559708	0.79551	1.222075	0.860522	1.068915	0.842258	0.826039	0.848974	1.041892	1.035082
0.942348	1.364465	1.139813	0.806664	0.806781	0.674921	0.893978	1.508154	1.389713	1.012755
1.151041	1.621934	1.960774	0.91318	0.562177	1.050008	1.260087	1.197884	1.254705	1.774255
0.979685	0.913693	0.835617	1.000043	0.907743	0.962558	0.943496	0.916603	0.852791	0.924443
1.142002	1.116897	0.699979	1.137087	0.925591	0.773027	0.880808	0.920188	0.753216	0.716716
2.139741	1.291302	1.332899	0.916693	0.791797	0.921043	0.61863	0.829557	0.922486	0.913917
1.065633	1.137074	1.255968	0.782696	0.536144	1.040427	0.745393	0.7307	0.831842	1.028263
0.665159	2.123138	1.055605	0.619419	0.936663	1.182011	0.679437	0.9799	1.19013	1.023775
0.820072	1.374542	1.255968	0.929218	0.998851	1.302249	1.360075	1.288597	0.967987	0.748684

1.046071	0.89471	1.1489	1.052201	0.94611	0.898256	0.746581	0.907769	1.009924	0.830584
1.685772	1.158233	0.749518	0.688708	1.215185	0.982826	0.962644	1.431675	0.956157	0.641138
1.060659	1.207377	1.091628	1.183417	1.204665	1.141311	1.252389	1.256208	1.853528	1.545228
0.813025	0.884696	1.502309	1.117048	0.936663	0.886464	1.322629	1.229723	1.428328	1.440323
0.714619	0.736545	0.86485	0.8277	0.802643	1.264937	0.834701	0.83102	1.200247	1.037379
0.771714	1.061447	1.482068	0.934698	0.899086	1.223299	0.821772	0.880651	0.972004	1.52353
1.675465	1.958628	1.797303	1.748864	0.594097	0.836295	0.711164	0.716959	0.521618	0.950045
0.936735	1.094931	1.102494	1.061947	0.967647	1.072371	0.871187	1.431675	0.944641	0.763139
0.957679	1.446444	0.892785	0.688708	1.318928	0.993326	0.958746	1.60104	0.978098	1.21745
0.990068	1.066434	2.048454	1.26967	1.00537	1.237982	1.647439	1.168221	0.708102	1.032797
1.007216	0.65448	1.033931	0.909695	0.528775	1.101366	1.417481	1.066445	1.00337	0.961496
0.67319	0.92804	1.248204	0.797185	0.936663	1.159623	0.95681	0.667981	1.092074	0.90364
0.901065	1.824974	1.57753	1.042668	1.108699	1.118038	1.202017	1.034859	0.768095	1.190416
1.575794	0.873296	0.886049	0.940249	0.914794	0.764159	0.799697	0.904285	0.744766	0.697342
0.86494	0.962164	0.872881	0.66634	1.009771	1.054879	0.721153	1.165047	1.04906	0.959567
0.931194	1.540058	1.133859	0.740743	1.21165	0.906879	0.888992	1.067923	0.99055	1.099152
1.107616	0.775808	0.950806	0.777545	0.829542	0.836295	1.697598	1.420143	1.086787	1.123732
1.444107	0.870093	1.078417	1.173747	0.82663	1.015119	1.130167	0.768349	0.960065	1.037379
0.808851	0.833396	1.041036	0.803935	0.825182	1.241732	1.058654	0.772172	1.016579	1.476758
0.948034	0.585484	0.717759	0.901103	0.835423	0.743347	0.842054	1.081837	0.790088	0.935231
0.813025	0.746033	0.75074	0.743102	0.638784	0.607001	0.826039	1.037209	0.929746	0.869472
0.491275	0.738898	0.808229	0.638512	1.137402	1.031052	0.529203	0.963687	0.843689	0.755851
0.907968	0.632699	0.561344	1.054617	1.201215	0.784702	0.316201	0.690718	0.497283	0.74987
0.895958	0.55897	0.595916	1.02875	0.864503	0.80351	0.723404	0.869299	0.802198	0.722254
0.689711	0.55048	0.751965	0.813563	0.696056	0.658883	0.85561	0.616753	0.824598	0.955733
0.959634	0.842284	1.3376	0.790539	0.720352	0.865379	0.802395	0.757078	1.04906	0.797538
0.846433	0.690928	0.638177	0.790539	0.763297	0.620301	0.769809	0.772172	0.640102	0.760696
0.813025	0.717046	0.576644	0.819163	0.559816	0.706688	0.767304	0.697131	0.622609	0.764366
0.528117	0.848312	0.667474	0.681465	0.71471	0.750579	0.633052	0.599214	1.001207	0.75948
0.73516	0.942876	0.642925	0.771191	0.654113	0.706688	0.678419	0.795843	0.728343	0.840716
0.782004	0.642035	0.589115	0.662394	0.759551	0.533285	0.459363	0.615859	0.552744	0.668824
0.869693	0.493943	0.631616	0.70034	0.613196	0.339698	0.431981	0.613188	0.446302	0.732406
0.849464	0.491934	0.786433	0.698201	0.777313	0.836295	0.98887	0.844415	0.575616	0.739307
0.770445	0.587977	0.493368	0.574662	0.70146	0.807648	0.608985	0.727224	0.58379	0.56888
0.787243	0.734205	0.527855	0.639442	0.475869	0.691574	0.711164	0.714711	0.618121	0.609916
0.563627	0.699461	0.81527	0.726853	0.441075	0.827501	0.624881	0.456246	0.654428	0.740468
0.720228	0.609325	0.528588	0.67738	0.682313	0.739776	0.57003	0.570934	0.610156	0.623911
0.485976	0.583006	0.509215	0.583579	0.614974	0.729235	0.573213	0.643512	0.729496	0.473627
0.397527	0.491934	0.34712	0.637583	0.719217	0.56619	0.619517	0.619446	0.575616	0.51795
0.765404	0.46038	0.476123	0.829139	0.584024	0.475415	0.748969	0.81519	0.710305	0.636538
0.675221	0.779677	0.806834	0.490989	0.511583	0.542973	0.492549	0.40663	0.485279	0.548982
0.540628	0.570022	0.601956	0.427673	0.513695	0.483882	0.476916	0.415546	0.379035	0.447393
0.584594	0.43446	0.608962	0.572261	0.499804	0.447319	0.790381	0.625795	0.514525	0.622137
0.473643	0.507575	0.489327	0.523977	0.615866	0.552881	0.575615	0.569327	0.559714	0.532828
0.420691	0.52741	0.489327	0.429967	0.435145	0.568581	0.461827	0.277344	0.558934	0.602238
0.40402	0.439759	0.355905	0.477951	0.453184	0.465846	0.412797	0.471346	0.397445	0.295979
0.563627	0.508268	0.39133	0.609743	0.49437	0.458961	0.579649	0.589862	0.562848	0.521447

0.350249	0.662319	0.563724	0.492315	0.431041	0.492518	0.558299	0.510165	0.611034	0.624801
0.416183	0.509658	0.386013	0.376472	0.453798	0.363958	0.397612	0.473271	0.424034	0.383124
0.291754	0.431545	0.33709	0.364439	0.434556	0.427812	0.509454	0.608773	0.38946	0.536447
0.453633	0.618166	0.47353	0.663377	0.624889	0.476707	0.608119	0.733033	0.597199	0.6708
0.307617	0.449947	0.446588	0.342267	0.45999	0.470923	0.584539	0.542872	0.30272	0.616857
0.41956	0.493272	0.562929	0.519007	0.559032	0.633094	0.435456	0.544384	0.691927	0.74397
0.485976	0.696241	0.450862	0.548958	0.819437	0.891479	0.689758	0.791807	0.735306	0.987395
0.58958	0.582183	0.86485	0.50717	0.444071	0.749366	0.826039	0.825197	0.4616	0.483808
0.627092	0.475549	0.595916	0.563571	0.70914	0.523089	0.300578	0.528031	0.528829	0.389813
0.584594	0.557414	0.498814	0.577076	0.742487	0.457102	0.326938	0.589862	0.704819	0.406192
0.783308	0.666293	0.467751	0.523264	0.377327	0.547518	0.590315	0.411065	0.613678	0.544516
0.640979	0.610201	0.584084	0.639442	0.44287	0.46711	0.789066	0.609652	0.444502	0.429417
0.579665	0.540656	0.542	0.469681	0.429876	0.599212	0.64892	0.468793	0.625325	0.697342
0.665159	0.946666	0.894486	0.766173	0.617656	1.129519	0.919802	0.802654	0.593808	0.679805
1.075754	0.65448	0.673579	0.750256	0.591557	0.643416	0.612467	0.833961	0.434439	0.543038
0.463523	0.531049	0.482015	0.065451	0.481075	0.564602	0.59365	0.590704	0.549681	0.584021
0.538394	0.635479	0.572565	0.411393	0.743684	0.680057	0.614219	0.742492	0.917119	1.078413
0.695006	0.837817	0.90309	0.852841	0.70364	0.556753	0.691851	0.764559	0.566005	0.628378
0.804717	0.462872	0.686051	0.7866	0.864503	0.338284	0.597856	0.95776	0.465353	0.537903
0.710183	0.387896	0.863261	0.715609	0.737732	0.696911	0.702475	0.776028	0.63543	0.819287
1.099429	0.72841	0.897907	1.431603	1.108699	0.796699	0.861774	0.973749	0.753216	0.593862
0.822924	0.689873	0.58996	0.652683	0.696056	0.750579	0.909287	0.7473	0.751999	0.546
0.424675	0.562099	0.79178	0.704648	0.499804	1.045191	0.782551	0.420074	0.839208	0.833455
0.562055	1.021228	1.041036	0.985337	0.654113	0.558312	0.713364	0.71922	0.472958	0.609916
0.822924	0.553548	0.703258	0.726853	0.71359	0.640577	0.739497	0.742492	0.582966	0.58646
0.79522	0.531049	0.682899	0.747858	0.519378	0.505456	0.877578	0.923802	0.53248	0.687969
0.827236	0.560532	0.708778	0.983276	0.900804	0.839266	0.978595	1.201309	1.016579	0.806919
1.094055	0.884696	0.688165	0.909695	1.037158	0.809037	0.535746	0.439268	0.480049	0.67578
0.582945	0.780975	0.799927	0.886053	0.702549	0.749366	0.705713	0.447068	0.368856	0.644853
0.343084	0.660346	0.755663	0.631139	0.579894	0.72121	0.748969	0.724922	0.720359	0.712335
0.720228	0.56763	0.412709	0.44757	0.481075	0.467743	0.158591	0.440459	0.79275	0.51656
0.554281	0.699461	0.412148	0.452387	0.528775	0.405284	0.482713	0.668989	0.626234	0.520045
0.43685	0.396389	0.39834	0.310561	0.46312	0.318516	0.674368	0.713591	0.516641	0.541565
0.641921	0.619957	0.449025	0.607141	0.674068	0.445509	0.470566	0.566927	0.584616	0.498208
0.343084	0.449947	0.512738	0.432273	0.566938	0.496562	0.478198	0.47975	0.433271	0.530672
0.360484	0.384232	0.434014	0.4203	0.389349	0.424357	0.410046	0.381448	0.356457	0.543777
0.267601	0.258799	0.446588	0.399438	0.398997	0.358996	0.280992	0.329505	0.352564	0.403508
0.294711	0.336872	0.275975	0.306647	0.346963	0.381264	0.292554	0.326284	0.3996	0.455762
0.287148	0.523082	0.42583	0.323867	0.381471	0.358011	0.385523	0.41611	0.449924	0.392935
0.443366	0.390532	0.401614	0.42199	0.453798	0.477354	0.422283	0.55902	0.49796	0.476783
0.328181	0.406695	0.376604	0.37192	0.444672	0.465216	0.328299	0.442851	0.371378	0.298073
0.318224	0.273896	0.190609	0.337129	0.386707	0.277381	0.259528	0.305255	0.238577	0.259535
0.300686	0.262327	0.340884	0.339457	0.279012	0.378159	0.407858	0.380409	0.331288	0.36807
0.405659	0.362378	0.324527	0.406463	0.327687	0.341589	0.33563	0.287706	0.317216	0.40727
0.319569	0.340627	0.387601	0.270928	0.204748	0.25082	0.33563	0.2075	0.284116	0.341293
0.36895	0.276329	0.296552	0.362465	0.364124	0.389653	0.32513	0.326743	0.30532	0.329401
0.417305	0.399617	0.394551	0.301911	0.392541	0.478003	0.257207	0.310528	0.27389	0.199032

0.248896	0.334077	0.344231	0.272927	0.279012	0.310942	0.307452	0.322178	0.326699	0.285251
0.287565	0.144753	0.208494	0.376472	0.297061	0.258971	0.394425	0.409952	0.315433	0.285659
0.344507	0.252595	0.204997	0.369412	0.295777	0.361966	0.320643	0.326743	0.240444	0.260689
0.235378	0.230458	0.3048	0.330676	0.279424	0.357519	0.237966	0.328583	0.244204	0.322685
0.313773	0.194661	0.278855	0.319832	0.448907	0.462077	0.368247	0.320818	0.433855	0.327151
0.275234	0.313667	0.322239	0.270132	0.408863	0.310059	0.269333	0.361111	0.373407	0.265725
0.31912	0.33734	0.208494	0.219831	0.328607	0.329438	0.22488	0.452552	0.384216	0.328049
0.298543	0.342517	0.370443	0.365925	0.301801	0.380227	0.333786	0.368626	0.409983	0.373529
0.320018	0.29206	0.436382	0.461566	0.293645	0.34924	0.384487	0.359623	0.285775	0.351617
0.273212	0.339215	0.446588	0.415267	0.32953	0.334538	0.301431	0.388798	0.495259	0.569664
0.322722	0.650612	0.537483	0.349851	0.403902	0.337814	0.421157	0.43808	0.579684	0.532828
0.285485	0.477483	0.474177	0.389372	0.331381	0.427812	0.341679	0.385107	0.417232	0.326702
0.43392	0.398	0.366384	0.347943	0.397914	0.391776	0.316201	0.383536	0.351596	0.330304
0.453633	0.383711	0.342315	0.319832	0.552038	0.493189	0.401359	0.518649	0.319904	0.465528
0.434504	0.408345	0.427571	0.338059	0.428134	0.383346	0.316643	0.465622	0.29714	0.346894
0.399142	0.355006	0.483997	0.451782	0.43221	0.331749	0.343087	0.35519	0.403941	0.353043
0.364945	0.508268	0.528588	0.355628	0.372711	0.432461	0.352112	0.412181	0.526653	0.503565
0.4775	0.478129	0.644838	0.616758	0.444672	0.458961	0.496546	0.483027	0.455416	0.483165
0.432753	0.487284	0.50433	0.393582	0.460615	0.394444	0.347339	0.43219	0.436198	0.496879
0.425247	0.418942	0.428735	0.323867	0.499121	0.345876	0.326485	0.402786	0.260358	0.329852
0.396455	0.566835	0.454559	0.395702	0.527316	0.523809	0.548382	0.444051	0.263504	0.37503
0.348327	0.422912	0.422369	0.425391	0.429294	0.406934	0.463685	0.512975	0.333602	0.347364
0.511744	0.412219	0.305239	0.460948	0.483043	0.523089	0.46121	0.475205	0.435611	0.593034
0.347848	0.43446	0.501564	0.555819	0.44347	0.608751	0.409498	0.518649	0.428051	0.45096
0.363453	0.351608	0.477426	0.481174	0.376297	0.481914	0.376799	0.40388	0.371378	0.396606
0.325443	0.398539	0.328674	0.314069	0.4061	0.41753	0.392841	0.401693	0.499996	0.431695
0.352664	0.51245	0.406018	0.417497	0.389349	0.492518	0.511527	0.566927	0.589606	0.421537
0.460408	0.687771	0.575825	0.646959	0.649264	0.57179	0.577224	0.631312	0.574807	0.413249
0.840436	0.857513	0.899628	0.942115	0.614974	0.665827	0.888992	1.012034	0.619015	0.784478
1.220206	1.030362	2.128219	1.437414	1.280149	1.698116	1.260087	1.646491	1.1674	1.146813
1.166485	2.681732	1.155066	1.367336	1.994046	1.244853	0.974552	1.515179	1.143318	1.14157
1.025004	2.152693	1.057173	0.95928	1.229619	1.138148	1.05635	1.015451	1.139822	1.004136
0.829297	0.927151	1.05956	1.058367	1.060157	1.216139	0.902416	1.060055	1.562439	1.297637
1.347963	1.277574	1.319093	1.061947	1.178725	1.141311	1.195275	1.061907	1.06376	1.314744
1.501552	1.236054	1.602895	1.285871	1.256095	1.509009	0	0.530954	1.554653	1.842124
2.084129	1.504264	0.618027	0.309013	0.154507	0	0	0	0	0
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0	0	0.317866	1.125523	1.097728	0.667077	1.345652	0.899112	0.904849	0.973258

0.904503	0.827571	0.763153	0.635732	0.977801	0.774309	0.559845	0.697131	0.967987	1.010584
0.844926	0.665296	0.35937	0.528282	0.741294	0.509623	0.686636	0.706932	0.47232	0.541565
0.393252	0.355982	0.470952	0.358545	0.218835	0.422069	0.317972	0.420644	0.403396	0.413249
0.308929	0.342991	0.203953	0.327031	0.395219	0.355067	0.336092	0.362603	0.330827	0.381595
0.31912	0.261148	0.260662	0.339457	0.308789	0.276973	0.300578	0.339787	0.221404	0.304842
0.310684	0.2345	0.316799	0.457871	0.421234	0.474127	0.555223	0.681272	0.718105	0.638372
0.598019	0.447528	0.567721	0.833486	0.656068	0.654964	0.546876	0.543627	0.452967	0.593034
0.47621	0.514556	0.694569	0.401049	0.394146	0.309619	0.484662	0.308763	0.408878	0.43456
0.311564	0.408896	0.419505	0.218415	0.255409	0.227973	0.413903	0.414984	0.508239	0.592206
0.364945	0.265092	0.357881	0.251818	0.307909	-0.04258	0.161985	0.268024	0.114597	0.420979
0.426968	0.236721	0.306997	0.228784	0.285223	0.204882	0.360839	0.176871	0.152328	0.275578
0.697142	0.729563	0.931828	0.635732	0.948025	1.045191	1.094264	0.81519	0.679407	0.748684
0.102003	0.051002	0.025501	0.01275	0.006375	0.003188	0.001594	7.97E-04	3.98E-04	1.99E-04
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130	131	132	133	134	135	136	137	138	139
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0	0.54757	1.16184	0	0	1.514004	1.091948	0.41533	0.207665	0.426614
1.672364	1.095139	1.164996	1.730565	1.011553	1.200675	0.83066	1.176615	1.261201	0.981707
0.981548	0.868668	0.867337	0.99386	1.011259	1.011846	0.872765	0.99062	0.7464	0.776794
0.654498	0.54727	0.709787	0.635297	0.365548	0.822556	0.996106	0.619568	0.694572	0.849429
0.751478	0.626723	0.830629	0.634374	0.419832	0.709051	0.740405	0.539744	0.836506	0.869659
0.746511	0.551149	0.537085	0.692535	0.549781	0.480535	0.705736	0.517977	0.457455	0.561237
0.429552	0.57436	0.651673	0.630699	0.60573	0.552122	0.590317	0.379741	0.448926	0.655291
0.533252	0.673694	0.584327	0.557617	0.673941	0.622655	0.575732	0.492551	0.578734	0.495258
0.654498	0.563801	0.519538	0.625244	0.427121	0.586363	0.437655	0.555657	0.484749	0.449947
0.726011	0.409439	0.479197	0.643699	0.646856	0.61136	0.385283	0.55643	0.475032	0.468519
0.574439	0.502536	0.605636	0.635297	0.724704	0.560432	0.612288	0.577013	0.384566	0.521602
0.53099	0.757814	0.526763	0.489095	0.663098	0.460082	0.490621	0.578638	0.509692	0.428084
0.571128	0.576833	0.605636	0.454218	0.445601	0.393946	0.517644	0.43923	0.250099	0.429816
0.607217	0.424895	0.576087	0.478013	0.270715	0.517611	0.640951	0.538258	0.329439	0.577187
0.796166	0.724041	0.705368	0.839203	0.786055	0.619148	0.679663	0.826372	0.673834	0.697107
0.607217	0.863838	0.56243	0.673951	0.750114	0.724354	0.541279	0.470431	0.565911	0.237939
0.63592	0.912945	0.563221	0.74044	0.73492	0.55815	0.506632	0.607227	0.614316	0.501354
0.943003	0.851214	0.585993	0.723122	0.862116	0.804792	0.613156	0.491884	0.513875	0.536876
0.548634	0.563	0.487104	0.540189	0.596446	0.638797	0.48866	0.524393	0.594471	0.571537
0.475328	0.726368	0.541584	0.636223	0.580059	0.287508	0.71662	0.611594	0.628677	0.705758
0.879878	1.106188	0.598702	0.505239	0.612608	0.483719	0.730052	0.616894	0.724238	0.965519
0.522799	0.548817	0.580188	0.669927	0.529275	0.76393	0.593626	0.557204	0.390853	0.732795
0.576104	0.629514	0.646843	0.581454	0.799172	0.879084	0.845234	0.815005	0.7931	0.555018
0.642672	0.871918	0.677691	0.543918	0.77458	0.61136	0.45783	0.653982	0.678927	0.534661
0.829233	0.532089	0.782112	0.727673	0.6312	0.680979	0.605408	0.487244	0.549635	0.767882
0.550203	0.558221	0.502674	0.610151	0.601485	0.594536	0.541279	0.551815	0.583642	0.412241
0.730748	0.604133	0.432795	0.701056	0.575262	0.592889	0.447626	0.509566	0.530294	0.528808

0.883248	0.729883	0.564809	0.748764	0.622247	0.732212	0.541279	0.390688	0.687201	0.731634
0.412626	0.453809	0.477243	0.671934	0.504258	0.530233	0.40419	0.394399	0.592787	0.760387
0.401885	0.489494	0.537085	0.568578	0.584911	0.595362	0.597797	0.406821	0.628677	0.548126
0.536285	0.671632	0.465064	0.731118	0.780918	0.705841	0.622816	0.577825	0.590274	0.46224
0.555738	0.499758	0.376208	0.487119	0.551284	0.540311	0.508676	0.443978	0.318133	0.314182
0.506866	0.353578	0.453219	0.424771	0.394456	0.490809	0.405804	0.430464	0.396697	0.243554
0.618104	0.320273	0.680796	0.474168	0.6312	0.641546	0.447626	0.516564	0.503492	0.611838
0.516937	0.302769	0.608265	0.675977	0.516586	0.783881	0.713326	0.319738	0.494689	0.598838
0.32858	0.231522	0.440491	0.535755	0.492927	0.465565	0.645605	0.420173	0.262487	0.217594
0.288077	0.30189	0.4178	0.505239	0.393409	0.424639	0.53543	0.3731	0.523079	0.551175
0.496328	0.532089	0.596131	0.686251	0.514507	0.523175	0.575732	0.482001	0.625948	0.633483
0.339083	0.423731	0.360526	0.482542	0.388726	0.371653	0.376633	0.36806	0.452561	0.439174
0.386524	0.215398	0.309933	0.295262	0.410481	0.413621	0.28276	0.393335	0.367231	0.315514
0.619024	0.439111	0.514552	0.513542	0.389243	0.489511	0.442319	0.506799	0.434101	0.440951
0.38491	0.323953	0.440491	0.429926	0.354406	0.370666	0.396212	0.340867	0.39938	0.560455
0.309208	0.355064	0.465064	0.37633	0.444423	0.448729	0.493908	0.365064	0.487378	0.529536
0.496328	0.660463	0.669518	0.549194	0.616963	0.600351	0.763108	0.611594	0.679952	0.57395
0.446544	0.591122	0.56243	0.440424	0.510378	0.600351	0.529659	0.453634	0.504176	0.648537
0.349847	0.503233	0.499241	0.598104	0.799172	0.630651	0.585401	0.609842	0.695635	0.497957
0.550989	0.73106	0.553816	0.517048	0.699639	0.78007	0.779355	0.960192	0.714123	0.577187
0.472034	0.676805	0.782112	0.616303	0.46552	0.669063	0.656024	0.548766	0.643528	0.633483
0.484011	0.379035	0.512432	0.604947	0.397614	0.537408	0.656984	0.428156	0.47954	0.470421
0.313287	0.353578	0.403306	0.426483	0.399733	0.61567	0.513482	0.350385	0.552689	0.589546
0.475989	0.526163	0.527493	0.522006	0.485103	0.629755	0.636345	0.554886	0.60731	0.522317
0.379042	0.401636	0.364018	0.393471	0.535761	0.478004	0.493249	0.371582	0.37024	0.472331
0.382767	0.397787	0.381389	0.364276	0.420388	0.45827	0.420601	0.406821	0.431775	0.421791
0.613534	0.581823	0.517394	0.456049	0.595612	0.484359	0.473916	0.527275	0.469937	0.442735
0.509004	0.395602	0.416103	0.380424	0.399733	0.456465	0.380174	0.460399	0.37327	0.309332
0.459102	0.327664	0.245528	0.450577	0.383069	0.375124	0.458438	0.417357	0.34673	0.46224
0.3338	0.421991	0.271449	0.328171	0.31774	0.447551	0.420044	0.354251	0.484095	0.413911
0.318786	0.343316	0.384529	0.432237	0.277072	0.341142	0.450005	0.378199	0.348642	0.44753
0.335235	0.364089	0.416103	0.341126	0.313367	0.265687	0.296784	0.338053	0.32761	0.360943
0.321562	0.370211	0.390875	0.310747	0.400796	0.300728	0.300573	0.412334	0.420329	0.428084
0.416652	0.434321	0.429871	0.408565	0.488997	0.497356	0.448219	0.341338	0.340576	0.374482
0.41955	0.303209	0.261843	0.361313	0.382049	0.401286	0.457223	0.367559	0.299779	0.304536
0.375875	0.244021	0.260262	0.332754	0.286785	0.412534	0.428476	0.369063	0.355885	0.401811
0.345411	0.36765	0.373128	0.353996	0.237324	0.302409	0.345062	0.40409	0.3387	0.463488
0.262627	0.270152	0.323862	0.325445	0.233325	0.269574	0.372122	0.353766	0.269614	0.321784
0.342967	0.432538	0.351187	0.329084	0.377486	0.296553	0.383232	0.394932	0.378881	0.339275
0.3338	0.382721	0.391409	0.391884	0.394981	0.324434	0.351195	0.363077	0.371248	0.383749
0.412054	0.321649	0.285431	0.435143	0.411571	0.348571	0.359833	0.313065	0.304079	0.285451
0.305614	0.348172	0.364018	0.442792	0.342612	0.415802	0.332594	0.253348	0.352489	0.439174
0.332846	0.24556	0.384529	0.301218	0.309468	0.347635	0.317386	0.375133	0.339637	0.351662
0.216169	0.319358	0.358543	0.265065	0.32662	0.350919	0.413962	0.380256	0.386129	0.416148
0.310111	0.370211	0.378273	0.352547	0.438578	0.548396	0.470776	0.431043	0.426587	0.240551
0.325759	0.335656	0.360029	0.396128	0.483812	0.401286	0.411226	0.318843	0.287543	0.222592
0.497022	0.410002	0.355095	0.428201	0.423181	0.346702	0.336251	0.313065	0.338232	0.377549

0.418969	0.361563	0.406056	0.451787	0.447375	0.481806	0.448814	0.30519	0.331275	0.482662
0.511872	0.434917	0.45199	0.368757	0.333858	0.403406	0.387344	0.510261	0.381456	0.39375
0.426586	0.471609	0.45445	0.375313	0.335686	0.460688	0.422276	0.441004	0.424872	0.400187
0.474007	0.632324	0.612682	0.5073	0.527847	0.511434	0.386312	0.373607	0.501444	0.49124
0.56296	0.521042	0.523136	0.559942	0.497557	0.391871	0.46518	0.522244	0.537632	0.505467
0.581981	0.395058	0.351674	0.433397	0.503583	0.375622	0.300996	0.447574	0.44592	0.346379
0.404686	0.319815	0.378791	0.454218	0.43684	0.454667	0.373621	0.400295	0.42146	0.428084
0.458465	0.351605	0.424081	0.445769	0.563494	0.464953	0.477079	0.55643	0.468673	0.480706
0.427177	0.286366	0.399485	0.443385	0.410481	0.398125	0.386828	0.431622	0.379395	0.376525
0.341993	0.354073	0.47465	0.500468	0.421503	0.511434	0.462103	0.348465	0.396163	0.388457
0.483337	0.431945	0.614461	0.532094	0.467998	0.657464	0.596124	0.470431	0.476315	0.569139
0.418388	0.470961	0.426966	0.396128	0.383069	0.47174	0.488009	0.463509	0.3935	0.386358
0.48604	0.468377	0.379309	0.451181	0.566601	0.491459	0.41068	0.435117	0.292564	0.31685
0.459739	0.38325	0.490442	0.584733	0.464903	0.442289	0.389933	0.441004	0.406434	0.451161
0.587084	0.398335	0.461289	0.522719	0.529991	0.403406	0.274718	0.541982	0.426015	0.320883
0.554943	0.403296	0.403855	0.474806	0.503583	0.488217	0.473916	0.457311	0.468042	0.493244
0.536285	0.445786	0.457545	0.529188	0.478053	0.542501	0.570977	0.437462	0.548875	0.49124
0.594851	0.521042	0.534852	0.697841	0.649679	0.581532	0.607118	0.544984	0.546603	0.475533
0.542415	0.575183	0.479851	0.540189	0.589817	0.506017	0.505275	0.581905	0.522364	0.492575
0.588798	0.544191	0.585993	0.701056	0.522884	0.403406	0.63543	0.620463	0.397768	0.528082
0.543188	0.558221	0.581012	0.628873	0.550532	0.521778	0.724405	0.595226	0.456226	0.523751
0.414922	0.42315	0.493805	0.45912	0.532867	0.464953	0.560851	0.487904	0.353457	0.455436
0.431341	0.384311	0.460662	0.54317	0.504933	0.508041	0.38477	0.446973	0.410832	0.502037
0.669748	0.549593	0.595277	0.622542	0.552791	0.582333	0.451798	0.473614	0.571475	0.4866
0.680221	0.61483	0.468236	0.540932	0.593948	0.608794	0.490621	0.517269	0.529567	0.558894
0.476652	0.571901	0.428126	0.520584	0.659221	0.468025	0.502574	0.539	0.602129	0.57234
0.486718	0.496997	0.4676	0.645589	0.633922	0.496038	0.65031	0.572978	0.477602	0.505467
0.689867	0.595416	0.504746	0.495079	0.615216	0.588799	0.659875	0.697735	0.528842	0.505467
0.621794	0.526899	0.553041	0.385596	0.434534	0.539583	0.610558	0.516564	0.494689	0.573144
0.478647	0.43671	0.550726	0.575773	0.46552	0.647098	0.656024	0.433949	0.470571	0.58456
0.597471	0.572719	0.573646	0.619857	0.621362	0.543234	0.547208	0.612473	0.707508	0.733959
0.564581	0.736998	0.531157	0.505925	0.641266	0.451095	0.418931	0.628604	0.604712	0.623428
0.517666	0.734613	0.534852	0.499791	0.737223	0.55967	0.550203	0.532366	0.500085	0.570736
0.641701	0.480791	0.512432	0.65613	0.647795	0.544702	0.611422	0.552581	0.480188	0.693907
0.528741	0.518866	0.49313	0.480595	0.598119	0.533806	0.533257	0.614236	0.587775	0.581267
0.49356	0.529116	0.51526	0.571761	0.535036	0.565033	0.507313	0.524393	0.457455	0.473609
0.593981	0.463254	0.688128	0.619857	0.487695	0.606244	0.615769	0.602043	0.463028	0.582088
0.777205	0.591122	0.74565	0.752381	0.644052	0.680979	0.727784	0.81641	0.515278	0.715701
0.46552	0.605898	0.535595	0.57901	0.661155	0.442289	0.382721	0.656895	0.632342	0.562021
0.534765	0.623029	0.555369	0.552238	0.692289	0.511434	0.427909	0.587683	0.558085	0.54284
0.600108	0.558221	0.549189	0.591367	0.552791	0.461902	0.602857	0.657871	0.536892	0.599692
0.499113	0.538855	0.456305	0.385076	0.584099	0.543967	0.445259	0.633193	0.682011	0.754238
0.56296	0.480129	0.512432	0.467834	0.58654	0.512116	0.459047	0.506799	0.458687	0.547366
0.550203	0.440922	0.706469	0.629785	0.473625	0.613079	0.587033	0.457311	0.45074	0.562806
0.713244	0.597146	0.682878	0.711949	0.565045	0.518302	0.562393	0.653982	0.616973	0.599692
0.520592	0.62211	0.555369	0.587209	0.713628	0.528812	0.443492	0.488565	0.538372	0.402354
0.623651	0.71372	0.629888	0.664949	0.645919	0.553621	0.631789	0.545737	0.547359	0.430975

0.626452	0.473561	0.531893	0.645589	0.535761	0.388264	0.669656	0.593538	0.49873	0.616259
0.555738	0.677848	0.614461	0.479948	0.555063	0.464341	0.565495	0.785199	0.575493	0.558894
0.500512	0.598013	0.576904	0.546171	0.576058	0.636064	0.533257	0.600329	0.496032	0.54284
0.488759	0.616638	0.655576	0.510756	0.527847	0.649901	0.559313	0.355223	0.583642	0.62797
0.518395	0.701431	0.678724	0.573362	0.616963	0.690136	0.621929	0.575395	0.656954	0.623428
0.433738	0.600625	0.542339	0.539446	0.495566	0.455865	0.49523	0.504734	0.636968	0.601407
0.435544	0.484786	0.440491	0.525582	0.633922	0.506017	0.507313	0.558755	0.652111	0.420091
0.603648	0.515264	0.497876	0.787676	0.691249	0.412534	0.550203	0.517269	0.442341	0.442735
0.554149	0.672662	0.531157	0.652267	0.679971	0.486927	0.557782	0.523675	0.504862	0.615371
0.524277	0.480129	0.420074	0.530639	0.531426	0.419095	0.46828	0.587683	0.537632	0.499313
0.510436	0.424895	0.572026	0.574968	0.513126	0.523175	0.594457	0.54348	0.565911	0.533925
0.771936	0.726368	0.751722	0.820394	0.650624	0.68401	0.540544	0.415676	0.644474	0.603991
0.620869	0.793074	0.600425	0.854246	0.759736	0.563494	0.62016	0.700959	0.645421	0.729322
0.532497	0.741807	0.553816	0.586382	0.669966	0.515542	0.441148	0.668749	0.581181	0.565961
0.716689	0.479467	0.41385	0.532094	0.543084	0.414165	0.603706	0.561876	0.385607	0.441545
0.705311	0.589417	0.508922	0.739264	0.684038	0.653666	0.796234	0.614236	0.522364	0.433885
0.487397	0.594554	0.553041	0.514241	0.614345	0.561196	0.607118	0.631351	0.507615	0.47682
0.468764	0.465168	0.605636	0.555303	0.450944	0.491459	0.544233	0.456696	0.44592	0.569937
0.456561	0.482784	0.639226	0.467834	0.425428	0.625304	0.573348	0.459161	0.45684	0.616259
0.532497	0.527637	0.47336	0.482542	0.557346	0.543967	0.587852	0.586853	0.486719	0.554246
0.577775	0.591122	0.4676	0.491745	0.537216	0.544702	0.569404	0.497924	0.604712	0.469152
0.558933	0.499066	0.430454	0.454218	0.621362	0.589614	0.695118	0.610717	0.566701	0.529536
0.628329	0.640863	0.556929	0.641818	0.59064	0.572027	0.695118	0.568981	0.613434	0.588711
0.522799	0.520316	0.577723	0.652267	0.646856	0.524578	0.563941	0.499277	0.448323	0.4866
0.585376	0.504632	0.694513	0.591367	0.543823	0.591249	0.546462	0.431622	0.441747	0.57963
0.618104	0.59628	0.660504	0.478013	0.445011	0.682998	0.454804	0.468532	0.600415	0.626147
0.722492	0.601499	0.518108	0.573362	0.464287	0.654613	0.530376	0.670757	0.735761	0.690731
0.557333	0.661466	0.496515	0.528464	0.584911	0.602026	0.377137	0.625873	0.565122	0.478112
0.579453	0.598013	0.358543	0.411869	0.582478	0.38367	0.491933	0.587683	0.582	0.569139
0.574439	0.653502	0.531893	0.669927	0.694376	0.599515	0.701458	0.544231	0.787802	0.788528
0.562152	0.555851	0.618942	0.694649	0.707115	0.635157	0.68271	0.678881	0.602129	0.79251
0.652505	0.490848	0.655576	0.63808	0.652519	0.647098	0.739242	0.483306	0.537632	0.787208
0.826255	0.706974	0.675633	0.574164	0.671949	0.638797	0.655066	0.554116	0.655981	0.824322
0.593981	0.706974	0.511024	0.563063	0.630296	0.594536	0.529659	0.664762	0.771018	0.598838
0.568662	0.679939	0.513137	0.448768	0.604027	0.646168	0.497221	0.492551	0.711906	0.601407
0.610816	0.644713	0.468236	0.573362	0.664073	0.677969	0.626383	0.6397	0.604712	0.543591
0.437965	0.599753	0.553041	0.851196	0.829505	0.548396	0.566274	0.675816	0.648275	0.66314
0.492183	0.563	0.525309	0.601512	0.680984	0.583136	0.493908	0.638765	0.676882	0.615371
0.622722	0.50045	0.659514	0.647486	0.618717	0.658419	0.615769	0.684036	0.536892	0.783274
0.648545	0.656471	0.765387	0.781159	0.835255	0.691166	0.62016	0.779993	0.752425	0.855554
0.629271	0.775739	0.576904	0.697841	0.805882	0.607092	0.410136	0.392804	0.717468	0.568342
0.654498	0.732241	0.513844	0.587209	0.762175	0.627969	0.459047	0.377175	0.503492	0.515216
0.708693	0.779679	0.600425	0.73809	0.885843	0.705841	0.748632	0.61512	0.496705	0.58456
0.431939	0.640863	0.663488	0.448768	0.603178	0.901916	0.868053	0.761008	0.799814	0.560455
0.57278	0.442133	0.466965	0.497092	0.439741	0.651779	0.771781	0.518685	0.624138	0.672143
0.830729	0.567832	0.609144	0.674963	0.558875	0.704776	0.765568	0.431043	0.585291	0.948
1.021517	0.693787	0.529687	0.748764	0.743035	0.703714	0.717724	0.744007	0.687201	0.814391

0.713244	0.455682	0.398942	0.718618	0.744207	0.733347	0.793594	0.850039	0.797116	0.614485
0.687705	0.61483	0.519538	0.715271	0.741867	0.448729	0.771781	0.745199	0.601271	0.558116
0.583675	0.672662	0.681836	0.6119	0.889107	0.677969	0.637263	0.649169	0.618753	0.528082
0.623651	0.708091	0.698823	0.418553	0.643121	0.777547	0.614896	0.62136	0.713013	0.722458
0.601874	0.692706	0.646843	0.632532	0.544563	0.731081	0.78063	0.779993	0.458071	0.927505
0.637839	0.765406	0.752947	0.881081	0.641266	0.700543	0.937339	0.896527	0.590274	0.874464
0.860188	1.004404	0.860999	0.894306	1.004797	0.836734	0.837886	0.901632	0.769753	0.643776
0.779863	0.891947	0.678724	0.59641	0.808596	0.845468	0.582154	0.658849	0.829205	0.664131
0.935307	0.771835	0.719897	0.7175	0.825242	0.749547	0.536157	0.574588	0.610799	0.65724
1.060423	0.862239	0.756642	0.863529	0.73492	0.601188	0.598636	0.580268	0.757305	0.662151
0.829233	0.694871	0.575272	0.483845	0.672944	0.594536	0.663761	0.606358	0.649231	0.501354
0.753983	0.459451	0.416103	0.593881	0.669966	0.627079	0.741571	0.748797	0.569878	0.733959
0.884943	0.532836	0.692375	0.729967	0.668979	0.721029	1.015408	0.677857	0.725377	1.253556
0.790663	0.875193	0.824802	0.865096	0.77584	0.630651	0.607976	0.717445	0.836506	0.857099
0.719001	0.976547	0.719897	0.713053	0.845504	0.804792	0.63543	0.836568	0.990408	0.754238
0.865027	0.885168	0.60651	0.772197	0.748926	0.814267	0.660844	0.9701	0.884738	0.631638
0.69752	0.770542	0.774313	0.781159	0.926729	0.933154	0.583774	0.602043	0.863856	0.78197
0.777205	0.699233	0.504054	0.62075	0.801844	0.737914	0.669656	0.530177	0.630505	0.635337
0.952819	0.665504	0.582666	0.655161	0.712536	0.606244	0.700395	0.611594	0.62054	0.719066
0.56296	0.58434	0.87054	0.901073	0.682	0.762713	0.872765	0.999108	0.969911	0.876077
0.651511	0.718277	0.684971	0.818981	0.865206	0.883877	0.468903	0.797147	0.876587	0.664131
0.682346	0.631385	0.543094	0.691481	0.700699	0.832432	0.623705	0.681967	0.733432	0.574757
0.755241	0.79993	0.53411	0.724255	0.835255	0.748369	0.640951	0.71521	0.862291	0.577187
0.69752	0.838946	0.581838	0.647486	0.769575	0.551374	0.721051	0.778701	0.920747	0.730476
0.71439	0.59628	0.515971	0.671934	0.604027	0.487572	0.68271	0.832169	0.783871	0.658217
0.703071	0.635152	0.79543	0.894306	0.636661	0.599515	0.94473	0.732258	0.545095	0.692846
0.720161	0.741807	0.792733	0.874616	0.871452	0.787726	0.921155	0.666751	0.611676	0.558894
0.454035	0.652516	0.748068	0.582271	0.660187	0.845468	0.632696	0.663771	0.552689	0.604856
0.796166	0.779679	0.497876	0.537228	0.671949	0.776292	0.579735	0.820652	0.843932	0.745772
0.659522	0.608558	0.568002	0.746369	0.773323	0.771305	0.601164	0.778701	0.783871	0.595436
0.566209	0.599753	0.65362	0.582271	0.656336	0.679974	0.526802	0.568185	0.7464	0.724734
0.796166	0.592835	0.573646	0.544668	0.603178	0.645239	0.651257	0.584372	0.555764	0.721324
0.646579	0.557429	0.692375	0.523433	0.617839	0.712285	0.657945	0.695599	0.595315	0.812991
0.582828	0.556639	0.630813	0.577389	0.686086	0.722135	0.552462	0.607227	0.714123	0.697107
0.708693	0.751587	0.640171	0.432817	0.661155	0.574384	0.499889	0.586853	0.773558	0.644724
0.766731	0.586871	0.463172	0.676993	0.580864	0.482443	0.451798	0.657871	0.596161	0.644724
0.612626	0.603253	0.565605	0.716384	0.595612	0.658419	0.626383	0.661795	0.649231	0.661164
0.580294	0.554278	0.569607	0.520584	0.599799	0.560432	0.539076	0.539	0.519516	0.569139
0.752729	0.560604	0.633599	0.637151	0.568946	0.510754	0.695118	0.696666	0.559639	0.589546
0.520592	0.595416	0.687073	0.63808	0.644985	0.626191	0.544975	0.633193	0.574686	0.650456
0.479982	0.486126	0.4676	0.661989	0.562721	0.620022	0.355013	0.605492	0.738103	0.478759
0.672863	0.688409	0.585993	0.575773	0.498222	0.612218	0.49259	0.688205	0.717468	0.359465
0.739165	0.535835	0.431038	0.720864	0.558875	0.498677	0.594457	0.747594	0.505548	0.465996
0.520592	0.555063	0.571218	0.598954	0.592291	0.624419	0.437076	0.620463	0.6152	0.578814
0.544737	0.554278	0.581838	0.518459	0.423741	0.535963	0.481546	0.579452	0.545095	0.585387
0.676001	0.462618	0.639226	0.439834	0.55811	0.574384	0.583774	0.561094	0.436439	0.58291
0.557333	0.513831	0.648769	0.610151	0.748926	0.722135	0.658909	0.63597	0.462405	0.581267

0.56296	0.635152	0.531893	0.528464	0.626701	0.724354	0.442905	0.612473	0.551159	0.560455
0.798943	0.702534	0.518822	0.553768	0.728083	0.603709	0.526091	0.539	0.565911	0.560455
0.803143	0.532089	0.406608	0.768412	0.572092	0.484359	0.575732	0.619568	0.583642	0.554246
0.542415	0.473561	0.399485	0.522006	0.52359	0.514169	0.473286	0.572978	0.648275	0.589546
0.648545	0.490171	0.460037	0.581454	0.494245	0.480535	0.512104	0.577013	0.473753	0.683407
0.534765	0.51098	0.619844	0.598954	0.458779	0.545439	0.646542	0.665755	0.469304	0.722458
0.44965	0.553493	0.683923	0.614536	0.48575	0.572027	0.500559	0.689254	0.507615	0.533925
0.481992	0.580988	0.471431	0.522006	0.576058	0.644313	0.406343	0.504049	0.717468	0.540594
0.574439	0.426647	0.279619	0.627963	0.509694	0.413621	0.533257	0.50611	0.506925	0.558894
0.514036	0.48747	0.455686	0.664949	0.507647	0.435944	0.496556	0.558755	0.552689	0.521602
0.609013	0.593694	0.47336	0.546925	0.599799	0.41471	0.569404	0.449988	0.494689	0.459134
0.667684	0.532836	0.559278	0.526301	0.551284	0.500003	0.562393	0.527275	0.343406	0.596284
0.723662	0.601499	0.582666	0.57658	0.510378	0.608794	0.526091	0.626782	0.560418	0.624333
0.612626	0.551149	0.396776	0.553002	0.524296	0.583941	0.475178	0.491218	0.549635	0.437993
0.478647	0.427819	0.408269	0.471623	0.554304	0.609648	0.49523	0.484615	0.509692	0.268763
0.512592	0.385373	0.409936	0.549194	0.532867	0.591249	0.508676	0.544231	0.591948	0.436815
0.402443	0.537342	0.385054	0.452393	0.555063	0.55588	0.470776	0.408467	0.524513	0.442735
0.328109	0.330468	0.318417	0.570963	0.551284	0.405536	0.411226	0.448779	0.474392	0.545852
0.473348	0.369185	0.45199	0.642758	0.467377	0.393426	0.507994	0.444575	0.427735	0.51381
0.553357	0.592835	0.513844	0.505239	0.485103	0.438241	0.508676	0.565809	0.461783	0.436815
0.491496	0.567832	0.553041	0.454827	0.483169	0.553621	0.475811	0.493219	0.508306	0.323593
0.545514	0.472259	0.365021	0.483193	0.529275	0.46312	0.445849	0.446973	0.418638	0.332287
0.660534	0.595416	0.400573	0.574164	0.680984	0.54177	0.472657	0.422439	0.367231	0.437404
0.567025	0.513831	0.381911	0.532094	0.458171	0.395508	0.345531	0.417357	0.435853	0.398568
0.501916	0.421413	0.415539	0.505925	0.401861	0.362853	0.49523	0.471701	0.418076	0.511011
0.456561	0.48345	0.528955	0.471623	0.369491	0.479901	0.546462	0.433949	0.403707	0.529536
0.474667	0.552711	0.493805	0.550713	0.481884	0.518995	0.462716	0.485927	0.582821	0.494586
0.481321	0.538855	0.520974	0.500468	0.52218	0.592889	0.435919	0.415676	0.613434	0.533925
0.580294	0.455057	0.403306	0.53502	0.516586	0.401815	0.392016	0.4986	0.562763	0.368915
0.477981	0.445786	0.348279	0.420804	0.491613	0.423524	0.399386	0.536778	0.539114	0.522317
0.436753	0.472909	0.300744	0.487119	0.391321	0.450502	0.501901	0.490553	0.49873	0.455436
0.501214	0.449471	0.54537	0.517048	0.47049	0.364793	0.482188	0.435117	0.413048	0.507538
0.503325	0.486126	0.540831	0.529188	0.541609	0.525281	0.481546	0.454856	0.453779	0.471056
0.343943	0.523229	0.519538	0.467206	0.516586	0.509395	0.36129	0.396534	0.524513	0.552708
0.473348	0.455057	0.372106	0.489095	0.598958	0.498016	0.368646	0.474254	0.506236	0.519463
0.531743	0.513116	0.499926	0.456662	0.561949	0.613079	0.505275	0.613354	0.536892	0.433302
0.510436	0.504632	0.414975	0.438069	0.459387	0.4348	0.468903	0.504734	0.525951	0.460995
0.506155	0.460083	0.422932	0.555303	0.474886	0.303252	0.526802	0.469164	0.447721	0.424069
0.504031	0.472909	0.431623	0.529188	0.570516	0.43082	0.514173	0.478756	0.577111	0.547366
0.447163	0.42315	0.481817	0.459737	0.413211	0.513483	0.467658	0.301305	0.44953	0.550411
0.445926	0.389651	0.522414	0.483193	0.458171	0.479901	0.369636	0.358152	0.480188	0.47682
0.455928	0.37486	0.418368	0.364771	0.486397	0.416897	0.379159	0.571375	0.536154	0.441545
0.482664	0.452565	0.431038	0.36378	0.449751	0.49407	0.459047	0.477465	0.487378	0.551941
0.49356	0.522499	0.393012	0.490418	0.47615	0.461902	0.494569	0.501997	0.45317	0.44753
0.648545	0.540373	0.422932	0.63808	0.559641	0.432521	0.503922	0.487244	0.537632	0.480706
0.501916	0.481454	0.392477	0.499115	0.56973	0.482443	0.421158	0.418481	0.456226	0.491907
0.516937	0.464529	0.526035	0.498439	0.473625	0.538131	0.478988	0.404635	0.389799	0.510314

0.593113	0.482119	0.469512	0.381969	0.393932	0.38215	0.395159	0.398679	0.511778	0.420091
0.609913	0.51959	0.468236	0.379397	0.460607	0.528104	0.507313	0.482653	0.490686	0.374992
0.560539	0.499758	0.372106	0.508679	0.518676	0.49211	0.509359	0.541234	0.642585	0.600549
0.587084	0.492207	0.328914	0.599805	0.535036	0.425756	0.478988	0.579452	0.546603	0.516627
0.554149	0.61483	0.463172	0.681084	0.671949	0.724354	0.569404	0.513051	0.44592	0.528082
0.61172	0.726368	0.715375	0.635297	0.624914	0.598682	0.607118	0.451807	0.437026	0.531725
0.687705	0.801314	0.603023	0.497765	0.675941	0.524578	0.48606	0.602902	0.641644	0.557339
0.666655	0.552711	0.555369	0.478657	0.521477	0.646168	0.645605	0.654951	0.582	0.577187
0.637839	0.455682	0.475944	0.535755	0.402395	0.605397	0.521847	0.485927	0.514576	0.540594
0.641701	0.527637	0.44409	0.675977	0.679971	0.530233	0.491933	0.509566	0.515982	0.458515
0.798943	0.683096	0.51526	0.681084	0.584911	0.510074	0.575732	0.676835	0.704237	0.670126
0.581137	0.618454	0.595277	0.589699	0.575262	0.554373	0.662787	0.515155	0.514576	0.61804
0.544737	0.555063	0.637342	0.483193	0.633013	0.607092	0.597797	0.404635	0.591948	0.619829
0.728373	0.727536	0.725617	0.513542	0.729215	0.677969	0.613156	0.610717	0.554224	0.676206
0.63401	0.535083	0.569607	0.729967	0.609155	0.567352	0.607976	0.480051	0.420895	0.680306
0.603648	0.659461	0.542339	0.543918	0.568163	0.542501	0.564718	0.583548	0.630505	0.459134
0.700842	0.698138	0.462544	0.62075	0.400264	0.669063	0.503922	0.457311	0.579548	0.329522
0.739165	0.655479	0.675633	0.699982	0.606583	0.693232	0.478988	0.403002	0.573881	0.54209
0.556535	0.465168	0.641118	0.69043	0.517282	0.699491	0.612288	0.378713	0.471841	0.598838
0.586229	0.657466	0.554592	0.584733	0.660187	0.744856	0.551708	0.464134	0.561198	0.569937
0.593981	0.480791	0.660504	0.569372	0.6312	0.61567	0.684754	0.596072	0.817773	0.79923
0.385447	0.521042	0.702083	0.564631	0.668979	0.593712	0.63543	0.614236	0.717468	0.736296
0.595723	0.911156	0.703175	0.697841	0.731488	0.662259	0.558547	0.65205	0.60731	0.594589
0.962863	0.984929	0.75788	0.669927	0.416509	0.639711	0.57019	0.653982	0.648275	0.811595
0.729559	0.657466	0.695587	0.59641	0.503583	0.634252	0.580539	0.427581	0.65501	0.793846
0.676001	0.571901	0.76287	0.830421	0.644052	0.822556	0.764337	0.557204	0.580364	0.767882
0.474667	0.746669	0.921669	0.873015	0.719131	0.826761	0.723284	0.579452	0.661851	0.765369
0.607217	0.657466	0.829165	0.826095	0.706039	0.552871	0.519041	0.572978	0.392439	0.488583
0.661548	0.791716	0.700994	0.664949	0.697526	0.594536	0.422276	0.517269	0.525951	0.567547
0.998859	0.993477	0.689186	0.711949	0.773323	0.675974	0.598636	0.710775	0.602988	0.559674
1.081267	1.20644	0.953559	0.885993	0.849972	0.7615	0.855734	0.803929	0.678927	0.736296
0.804552	0.566215	0.996488	0.904497	0.685061	0.658419	0.774291	0.646307	0.657929	0.628884
0.793406	0.699233	1.06375	0.909683	0.669966	0.711204	0.659875	0.46164	0.650189	0.812991
0.886645	0.989182	0.821918	0.748764	0.807237	0.782607	0.740405	0.738093	0.865427	0.764118
1.023849	0.793074	0.672565	0.820394	0.783479	0.838177	0.734623	0.563445	0.577922	0.846399
0.689867	0.797175	0.738474	0.532094	0.722466	0.833861	0.571766	0.565809	0.525951	0.715701
0.710963	0.736998	1.027662	0.727673	0.828079	0.690136	0.672634	0.717445	0.904948	0.902746
0.833738	0.634207	0.985875	0.923824	0.96989	0.92957	0.905552	0.754859	0.747598	0.686531
0.83829	0.644713	0.740853	0.836256	0.74656	0.767602	0.788362	0.697735	0.609924	0.706852
0.730748	0.789012	1.020791	0.773466	0.711446	0.770067	0.773034	0.605492	0.806633	0.971519
0.824774	1.068688	0.967402	1.05013	0.714723	0.76029	1.002445	0.476178	0.626855	0.699254
0.805966	0.795803	0.746857	0.895988	0.77584	0.703714	1.047248	0.774849	0.627765	0.662151
0.895255	0.933128	0.850127	0.7175	0.741867	0.776292	0.578931	0.739269	0.738103	0.599692
1.003297	1.051087	0.859429	0.871419	1.033522	1.005423	0.857255	0.94669	1.105032	0.951832
0.753983	0.668557	0.959438	1.18094	0.710359	1.09477	1.198084	0.779993	0.937143	1.07572
0.74038	0.849661	1.020791	1.006715	0.698581	1.040831	1.127355	0.71188	0.791769	0.934846
0.619024	0.946478	0.945842	0.837727	0.759736	0.959105	0.794912	0.59777	0.874975	0.72817

0.820361	0.57849	0.699907	0.673951	0.744207	0.439971	0.739242	0.648213	0.579548	0.65724
0.762867	0.672662	0.637342	0.655161	0.679971	0.57834	0.632696	0.538258	0.566701	0.65724
0.985811	0.801314	0.610909	0.781159	0.793878	0.602867	0.571766	0.803929	0.752425	0.683407
0.89179	0.904073	0.880296	0.957432	0.799172	0.828172	0.804251	0.862374	0.767235	0.79653
0.731941	0.695957	0.750501	0.763416	0.518676	0.634252	0.815175	0.71521	0.689294	0.817205
0.592246	0.739395	0.624381	0.635297	0.54014	0.770067	0.781909	0.680936	0.826319	0.872856
0.736743	0.568643	0.648769	0.77858	0.716921	0.844	0.826382	0.772299	0.706415	0.703579
0.608114	0.400533	0.605636	0.760939	0.805882	0.69635	0.658909	0.700959	0.75364	0.62797
0.853818	0.664491	0.585159	0.697841	0.694376	0.638797	0.656984	0.883197	0.795773	0.569937
1.169771	0.790362	0.813377	0.84217	0.768333	0.821164	0.903853	0.81221	0.833571	0.911427
0.585376	0.692706	0.996488	0.995976	0.630296	0.698441	0.759444	0.644409	0.610799	0.703579
0.683412	0.646651	0.75788	0.787676	0.657296	0.677969	0.74982	0.591857	0.641644	0.568342
0.792032	0.829968	0.776897	0.553002	0.602331	0.649901	0.71662	0.710775	0.988314	0.733959
0.761587	0.591122	0.725617	0.503871	0.404537	0.424639	0.771781	0.729946	0.597858	0.778082
0.492871	0.497685	0.626209	0.657101	0.629395	0.583941	0.626383	0.581086	0.475032	0.610959
0.755241	0.629514	0.748068	0.904497	0.839618	0.796832	0.661814	0.688205	0.78912	0.640005
0.733136	0.693787	0.776897	0.904497	0.873028	0.926015	0.983699	0.809432	0.845433	1.022762
0.647561	0.66958	0.90049	0.661007	0.676945	0.874344	0.90216	0.809432	0.84845	0.973538
0.590519	0.79993	0.79543	0.534287	0.690211	0.871212	0.736926	0.695599	1.051131	0.965519
0.684481	0.665504	0.628965	0.550713	0.826658	0.836734	0.987796	0.668749	0.553455	0.847911
0.744048	0.610341	0.510322	0.556844	0.756102	0.666134	0.81795	0.688205	0.49873	0.599692
0.920311	0.757814	0.649735	0.626149	0.844025	0.757879	0.802904	1.001256	0.650189	0.599692
1.144352	1.04863	0.996488	0.973246	0.914401	0.906969	1.097211	0.772299	0.711906	0.827201
0.708693	0.867052	0.886923	0.763416	0.589817	0.669063	1.000322	0.662782	0.918963	1.016016
0.811667	0.783654	0.727927	0.637151	0.56973	0.701597	0.787064	0.756082	1.25344	1.078288
0.789299	0.709211	0.666493	0.724255	0.724704	0.818392	1.019816	0.756082	1.107773	1.031923
0.609913	0.576007	0.63174	0.684177	0.615216	0.757879	0.785769	0.778701	0.682011	0.703579
0.665629	0.811129	0.643971	0.486462	0.791255	0.712285	0.637263	0.835097	0.689294	0.513109
1.200268	0.954295	0.934518	0.754809	1.042757	0.877498	0.614025	0.93916	0.906675	0.765369
1.026194	0.797175	0.981701	0.927432	0.977855	0.740216	0.75581	0.533832	0.842437	0.9185
0.777205	0.625796	0.698823	0.80101	0.614345	0.561196	0.656024	0.438051	0.628677	0.833018
0.646579	0.848114	0.803621	0.569372	0.724704	0.942245	0.699334	0.415676	0.744013	0.876077
0.684481	0.685213	0.70427	0.763416	0.784765	0.866557	0.858781	0.772299	0.845433	1.041281
0.676001	0.59628	0.581012	0.686251	0.675941	0.704776	0.778084	0.588514	0.616085	0.676206
0.829233	0.70033	0.585159	0.809212	0.865206	0.67897	0.611422	0.657871	0.711906	0.616259
0.727191	0.746669	0.705368	0.866668	0.900728	0.908666	0.788362	0.806672	0.814961	0.938564
0.777205	0.685213	0.779496	0.818981	0.495566	0.597019	0.832096	0.671764	0.600415	0.838914
0.651511	0.775739	0.778195	0.54768	0.463671	0.74253	0.834981	0.568185	0.642585	0.849429
0.737952	0.749121	0.770465	0.827532	0.841082	1.02056	0.93551	0.636899	0.867004	0.944201
0.762867	0.647623	0.609144	0.763416	0.77207	0.610503	0.788362	0.699881	0.673834	0.868069
0.476652	0.686276	0.666493	0.62075	0.712536	0.648964	0.71662	0.602902	0.685117	0.77041
0.655498	0.855905	0.576904	0.749966	1.015621	0.842537	0.779355	0.781289	0.859177	1.022762
0.721325	0.611235	0.696663	0.995976	0.852976	0.795519	0.601164	0.660811	0.585291	0.624333
0.76031	0.623029	0.724467	0.845158	0.540874	0.920738	0.707891	0.699881	0.684079	0.735126
0.455928	0.781	0.751722	0.74044	0.527134	0.934957	0.667682	0.516564	0.769753	0.74938
0.712102	0.791716	0.809169	0.959377	0.625806	0.622655	0.739242	0.614236	0.603849	0.722458
0.599227	0.636098	0.662491	0.593881	0.494245	0.468025	0.778084	0.551815	0.676882	0.858649

0.464874	0.770542	0.647805	0.463455	0.614345	0.664192	0.637263	0.702038	0.819185	0.648537
0.598348	0.851214	0.74565	0.791634	0.854486	0.767602	0.674631	0.610717	0.810777	0.652383
0.655498	0.586025	0.681836	0.798311	0.653471	0.726585	0.735773	0.681967	0.683044	0.772952
0.603648	0.50184	0.591878	0.721992	0.575262	0.754289	0.666699	0.391745	0.588607	0.713471
0.662565	0.630449	0.754175	0.798311	0.632105	0.808827	0.611422	0.450593	0.551159	0.66314
0.660534	0.564605	0.549189	0.697841	0.628495	0.604552	0.75581	0.598621	0.573881	0.614485
0.531743	0.667537	0.628965	0.520584	0.588175	0.531659	0.68271	0.55643	0.69777	0.685487
0.494251	0.667537	0.604763	0.563063	0.747742	0.716635	0.743912	0.594381	0.745205	0.511709
0.639766	0.508853	0.520974	0.685213	0.552037	0.640628	0.715519	0.517269	0.599561	0.807434
0.669748	0.329999	0.439894	0.60581	0.543084	0.575172	0.597797	0.633193	0.532483	0.713471
0.557333	0.439714	0.483792	0.499115	0.471741	0.726585	0.722166	0.637831	0.660867	0.955699
0.454035	0.522499	0.47465	0.580637	0.60573	0.599515	0.590317	0.721949	0.652111	0.750589
0.390857	0.41453	0.53337	0.6119	0.520775	0.554373	0.491276	0.574588	0.568287	0.658217
0.499113	0.57849	0.584327	0.57901	0.535036	0.51692	0.602857	0.466642	0.639767	0.710149
0.459739	0.586025	0.560064	0.527021	0.652519	0.588799	0.658909	0.65205	0.631423	0.605723
0.407505	0.458191	0.472073	0.568578	0.507647	0.433659	0.484765	0.601185	0.548117	0.697107
0.585376	0.417385	0.320224	0.56228	0.459997	0.515542	0.565495	0.553348	0.457455	0.47682
0.474667	0.437909	0.448326	0.421368	0.359215	0.629755	0.472657	0.321986	0.541347	0.588711
0.660534	0.423731	0.412728	0.543918	0.587357	0.545439	0.512792	0.474254	0.525231	0.416709
0.504031	0.396147	0.37007	0.439834	0.460607	0.54104	0.460878	0.493219	0.555764	0.400727
0.478647	0.560604	0.381911	0.43108	0.546792	0.623536	0.479626	0.509566	0.597008	0.523751
0.562152	0.506737	0.378273	0.517753	0.552791	0.500003	0.497886	0.466642	0.480188	0.583734
0.597471	0.505332	0.512432	0.575773	0.498222	0.45827	0.560851	0.501316	0.43879	0.452378
0.470723	0.529857	0.591033	0.512844	0.393932	0.44991	0.48866	0.488565	0.45074	0.488583
0.437965	0.427819	0.576904	0.45912	0.337983	0.428562	0.398325	0.480051	0.379909	0.604856
0.546292	0.464529	0.492457	0.580637	0.420388	0.452282	0.367658	0.350385	0.377856	0.451769
0.380103	0.478807	0.555369	0.503871	0.471741	0.564263	0.531814	0.463509	0.43997	0.42464
0.404124	0.535083	0.504054	0.4225	0.456353	0.592889	0.478988	0.390688	0.524513	0.467256
0.439789	0.387507	0.386634	0.424771	0.450944	0.460688	0.513482	0.459161	0.505548	0.525911
0.497022	0.488818	0.434559	0.493742	0.561949	0.518302	0.570977	0.530906	0.472477	0.516627
0.49356	0.389651	0.440491	0.517048	0.47049	0.480535	0.494569	0.422439	0.329897	0.593745
0.546292	0.439714	0.323862	0.505925	0.455748	0.401815	0.330324	0.50611	0.473114	0.578814
0.394136	0.367139	0.343954	0.465327	0.399733	0.392389	0.420601	0.619568	0.552689	0.502721
0.415498	0.393429	0.501985	0.439834	0.266008	0.533089	0.524672	0.486585	0.656954	0.605723
0.560539	0.542659	0.645884	0.499115	0.387692	0.675974	0.630883	0.559534	0.665809	0.640005
0.338118	0.504632	0.428126	0.500468	0.550532	0.558909	0.479626	0.497924	0.573077	0.433885
0.464874	0.634207	0.437515	0.436896	0.610016	0.483719	0.425084	0.474894	0.504176	0.47682
0.60276	0.48747	0.504746	0.401492	0.532146	0.442289	0.556255	0.458543	0.506925	0.515216
0.744048	0.659461	0.529687	0.520584	0.562721	0.453473	0.447033	0.454244	0.499407	0.454822
0.488759	0.556639	0.499926	0.573362	0.483169	0.539583	0.444669	0.469797	0.524513	0.566753
0.526503	0.457562	0.619844	0.505925	0.477417	0.631549	0.497221	0.45978	0.482137	0.692846
0.53099	0.589417	0.669518	0.630699	0.703895	0.783881	0.685779	0.566599	0.384046	0.445726
0.561345	0.618454	0.53411	0.56072	0.585725	0.768833	0.519041	0.40518	0.476315	0.453598
0.565394	0.621193	0.483133	0.615419	0.477417	0.480535	0.478988	0.496574	0.558085	0.52519
0.626452	0.636098	0.553816	0.56228	0.513816	0.47361	0.623705	0.641578	0.767235	0.536137
0.540875	0.541896	0.536339	0.530639	0.629395	0.538857	0.532535	0.518685	0.504862	0.59122
0.56377	0.604133	0.507525	0.667929	0.639418	0.472985	0.603706	0.547249	0.397233	0.684446

0.592246	0.611235	0.710899	0.768412	0.689176	0.64803	0.778084	0.748797	0.576301	0.632559
0.625516	0.62211	0.678724	0.77858	0.904106	0.732212	0.677643	0.664762	0.609924	0.376013
0.547852	0.686276	0.648769	0.65613	0.653471	0.654613	0.582154	0.447574	0.545095	0.533925
0.604537	0.746669	0.590189	0.807834	0.610016	0.703714	0.591142	0.672773	0.597858	0.605723
0.805966	0.936901	0.817626	0.648438	0.504258	0.646168	0.598636	0.616006	0.708603	0.75915
0.623651	0.526899	0.477243	0.548436	0.51175	0.523876	0.531095	0.485927	0.513175	0.534661
0.385985	0.470961	0.398942	0.594723	0.715821	0.561196	0.647481	0.514453	0.470571	0.585387
0.422468	0.66958	0.70427	1.002388	0.907511	0.815638	0.849703	0.519394	0.49873	0.638132
0.713244	0.863838	0.716501	0.716384	0.632105	0.808827	0.602857	0.547249	0.544343	0.583734
0.57527	0.745449	0.738474	0.680058	0.694376	0.662259	0.517644	0.478756	0.645421	0.506846
0.657506	0.480129	0.488436	0.69891	0.502909	0.607943	0.560851	0.700959	0.527394	0.516627
0.829233	0.684153	0.689186	0.499791	0.427686	0.620898	0.573348	0.643463	0.644474	0.604856
0.614444	0.623029	0.504054	0.532094	0.464287	0.598682	0.57019	0.624063	0.510386	0.561237
0.778532	0.532836	0.488436	0.723122	0.580059	0.579136	0.713326	0.599474	0.459923	0.724734
0.941066	0.684153	0.628965	0.860413	0.545305	0.677969	0.668668	0.703121	0.640705	0.79653
0.775882	0.813975	0.730249	0.739264	0.723584	0.783881	0.519741	0.47811	0.609051	0.696038
0.58794	0.629514	0.650703	0.549194	0.617839	0.891984	0.638182	0.50268	0.69777	0.644724
0.745278	0.712589	0.51526	0.650349	0.777104	0.634252	0.494569	0.706385	0.708603	0.56438
0.808807	0.783654	0.74565	0.697841	0.647795	0.703714	0.691983	0.625873	0.677903	0.696038
0.607217	0.62211	0.4676	0.528464	0.499556	0.716635	0.722166	0.709673	0.606442	0.587877
0.682346	0.5622	0.355095	0.774739	0.731488	0.832432	0.81795	0.759771	0.581181	0.603128
0.898747	0.863838	0.740853	1.123241	1.222221	0.988747	1.243826	0.705294	0.633263	0.760387
0.794784	0.625796	0.826252	0.651307	0.626701	0.664192	0.754605	0.565019	0.520938	0.582088
0.56296	0.57436	0.820482	0.60841	0.697526	0.636064	0.536157	0.723083	0.597858	0.495258
0.659522	0.804096	0.764127	0.691481	0.773323	0.700543	0.691983	0.906799	0.698841	0.779374
0.789299	0.849661	0.783425	0.692535	0.422062	0.503334	0.63543	0.642519	0.560418	0.493244
0.641701	0.528376	0.513844	0.498439	0.437998	0.552871	0.544233	0.54348	0.468673	0.350215
0.731941	0.650552	0.578543	0.73459	0.443248	0.547655	0.524672	0.801203	0.617862	0.539103
0.792032	0.90232	0.940143	0.890962	0.644985	0.704776	0.654111	0.740449	0.840947	0.764118
0.612626	0.727536	0.798143	0.781159	0.524296	0.498016	0.670647	0.532366	0.573077	0.569139
0.561345	0.673694	0.710899	0.611025	0.583288	0.585554	0.521144	0.436875	0.635112	0.712361
0.594851	0.670605	0.666493	0.728818	0.708194	0.670043	0.766804	0.551051	0.478247	0.6298
0.677052	0.579321	0.636404	0.546171	0.596446	0.614804	0.640026	0.509566	0.536892	0.573144
0.595723	0.648597	0.573646	0.511451	0.635746	0.595362	0.556255	0.59692	0.679952	0.567547
0.895255	0.883489	0.646843	0.626149	0.863658	0.697395	0.674631	0.83363	0.904948	0.953761
0.720161	0.717133	0.665489	0.674963	0.580864	0.802122	0.827804	0.539744	0.677903	0.906198
0.69532	0.467733	0.663488	0.713053	0.504258	0.612218	0.740405	0.470431	0.598708	0.751802
0.492183	0.676805	0.706469	0.65905	0.685061	0.639711	0.645605	0.591857	0.859177	0.670126
0.63116	0.837437	0.780802	0.754809	0.683018	0.588799	0.761883	0.75364	0.616973	0.597985
0.593981	0.619365	0.604763	0.554535	0.655379	0.583941	0.520442	0.667749	0.772286	0.575565
0.669748	0.598882	0.408269	0.461592	0.797843	0.694269	0.491933	0.819233	0.727663	0.595436
0.873215	0.883489	0.577723	0.60841	1.028977	0.848418	0.794912	0.678881	0.733432	0.801948
0.969002	0.736998	0.810567	0.813372	0.728083	0.719926	0.71883	0.728795	0.667801	0.686531
0.84754	0.465808	0.670532	0.821813	0.577654	0.553621	0.64467	0.59777	0.580364	0.646626
0.596596	0.66958	0.730249	0.732272	0.809959	0.872775	0.805601	0.564231	0.851488	0.803313
0.755241	0.571901	0.677691	0.936586	0.89405	0.76029	0.656024	0.747594	0.642585	0.654319
0.56377	0.54727	0.586829	0.527742	0.615216	0.588799	0.431324	0.606358	0.645421	0.54209

0.471378	0.600625	0.585993	0.539446	0.706039	0.76029	0.508676	0.750002	0.790443	0.55579
0.739165	0.863838	0.779496	0.907947	0.814074	0.913799	0.578129	0.630434	0.618753	0.655291
0.701955	0.581823	0.645884	1.019962	0.646856	0.660335	0.513482	0.484615	0.6152	0.565961
0.56296	0.459451	0.569607	0.920245	0.677952	0.599515	0.704663	0.577825	0.634187	0.578
0.629271	0.609448	0.724467	0.648438	0.425428	0.59043	0.757018	0.637831	0.600415	0.655291
0.782538	0.717133	0.850127	0.727673	0.517282	0.460688	0.631789	0.645357	0.506925	0.556564
0.587084	0.545727	0.617144	0.703213	0.472996	0.47361	0.578931	0.654951	0.635112	0.545097
0.369609	0.616638	0.595277	0.696774	0.644985	0.586363	0.59696	0.714097	0.704237	0.688626
0.567025	0.633264	0.671547	0.791634	0.910942	0.893624	0.819344	0.640638	0.616085	0.739825
0.998859	0.678892	0.568803	0.594723	0.933934	0.636973	0.726655	0.693474	0.554993	0.615371
0.648545	0.462618	0.605636	0.692535	0.744207	0.640628	0.646542	0.624967	0.593628	0.746972
0.617186	0.512403	0.681836	0.644643	0.66701	0.798148	0.704663	0.836568	0.658906	0.630718
0.666655	0.689479	0.518108	0.694649	0.748926	0.577546	0.684754	0.644409	0.669803	0.571537
0.52949	0.624872	0.662491	0.65613	0.565045	0.513483	0.619278	0.557979	0.537632	0.617149
0.501916	0.545727	0.709787	0.693591	0.690211	0.587985	0.648422	0.465386	0.744013	0.751802
0.698625	0.688409	0.829165	0.781159	0.805882	0.76029	0.736926	0.668749	0.668801	0.75915
0.696419	0.556639	0.56164	0.549194	0.836704	0.532373	0.614896	0.781289	0.542842	0.498634
0.648545	0.491527	0.438108	0.592203	0.684038	0.628861	0.597797	0.672773	0.536892	0.598838
0.682346	0.407755	0.607387	0.626149	0.667993	0.711204	0.686807	0.798495	0.645421	0.797878
0.962863	0.703639	0.618942	0.679034	0.865206	0.725468	0.597797	0.71188	0.612554	0.589546
0.660534	0.719424	0.590189	0.57901	0.55811	0.822556	0.699334	0.525832	0.622335	0.665125
0.561345	0.641822	0.719897	0.747565	0.615216	0.880676	0.787064	0.541982	0.801169	0.955699
0.612626	0.635152	0.649735	0.953566	0.842551	0.76029	0.893793	0.863941	0.72084	0.617149
0.681282	0.754067	0.528223	0.594723	0.680984	0.569683	0.686807	0.850039	0.686158	0.49124
0.715538	0.654489	0.489772	0.546171	0.709275	0.587173	0.536157	0.607227	0.534682	0.583734
0.833738	0.592835	0.679759	0.66396	0.580059	0.437665	0.64467	0.617784	0.573881	0.598838
0.871565	0.838946	0.616248	0.602368	0.584911	0.466179	0.567836	0.617784	0.427161	0.571537
0.576104	0.520316	0.558493	0.59641	0.555822	0.522476	0.614025	0.544984	0.428885	0.589546
0.60276	0.446398	0.587667	0.655161	0.572882	0.613941	0.668668	0.565809	0.554224	0.684446
0.549418	0.577661	0.640171	0.823236	0.552791	0.635157	0.751011	0.839526	0.678927	0.491907
0.567025	0.599753	0.51526	0.660027	0.593119	0.666134	0.554734	0.61512	0.72197	0.424069
0.409774	0.607669	0.568803	0.707559	0.799172	0.647098	0.591142	0.625873	0.503492	0.511011
0.665629	0.825548	0.595277	0.716384	0.862116	0.651779	0.697221	0.696666	0.709701	0.587045
0.57278	0.727536	0.485776	0.465952	0.542346	0.554373	0.538345	0.501997	0.648275	0.585387
0.57278	0.488144	0.531893	0.703213	0.536488	0.522476	0.494569	0.552581	0.600415	0.637198
0.56296	0.472259	0.53411	0.671934	0.483169	0.48308	0.734623	0.662782	0.639767	0.837433
0.716689	0.728708	0.658526	0.657101	0.606583	0.656512	0.677643	0.691359	0.59111	0.671134
0.619024	0.497685	0.65754	0.539446	0.550532	0.703714	0.503922	0.449988	0.480188	0.528082
0.553357	0.48747	0.51526	0.441606	0.479326	0.52669	0.435342	0.578638	0.484095	0.48726
0.637839	0.555851	0.447111	0.542422	0.551284	0.584746	0.591968	0.735749	0.659885	0.600549
0.56296	0.642784	0.543851	0.56072	0.431668	0.494725	0.463947	0.531635	0.494689	0.498634
0.541644	0.571084	0.392477	0.49241	0.54014	0.468025	0.41068	0.353766	0.387698	0.498634
0.543962	0.480129	0.330302	0.542422	0.575262	0.553621	0.543493	0.497924	0.523079	0.517335
0.74038	0.581823	0.499241	0.515642	0.547537	0.613079	0.65031	0.440412	0.523079	0.555018
0.574439	0.501145	0.514552	0.450577	0.388726	0.535963	0.468903	0.297881	0.538372	0.646626
0.587084	0.507441	0.568002	0.420804	0.484457	0.617406	0.430753	0.375133	0.59111	0.599692
0.462299	0.849661	0.791391	0.73459	0.874609	0.67897	0.656024	0.525832	0.610799	0.6298

0.584525	0.886853	0.851663	0.725392	0.688144	0.543234	0.507313	0.557204	0.492016	0.417271
0.472034	0.485455	0.574458	0.447566	0.575262	0.626191	0.403118	0.541234	0.394563	0.519463
0.481992	0.440922	0.425233	0.439834	0.808596	0.608794	0.526091	0.794463	0.724238	0.761627
0.555738	0.548043	0.556148	0.57901	0.692289	0.732212	0.599477	0.568981	0.695635	0.659198
0.626452	0.527637	0.475944	0.636223	0.555822	0.503334	0.559313	0.491884	0.406981	0.553477
0.496328	0.499066	0.522414	0.532094	0.479326	0.61136	0.551708	0.40409	0.609051	0.628884
0.484011	0.559808	0.72332	0.536491	0.406689	0.59619	0.546462	0.472338	0.586946	0.679278
0.464228	0.490848	0.547657	0.603226	0.543084	0.322224	0.41068	0.417357	0.537632	0.492575
0.624583	0.515982	0.438703	0.49241	0.483169	0.511434	0.480905	0.436875	0.625948	0.537617
0.489442	0.618454	0.525309	0.579823	0.582478	0.650839	0.577329	0.581905	0.652111	0.637198
0.399657	0.567832	0.662491	0.568578	0.496229	0.411992	0.526091	0.530906	0.485405	0.676206
0.428363	0.460715	0.437515	0.550713	0.625806	0.36919	0.429613	0.552581	0.386651	0.436815
0.569482	0.488144	0.515971	0.57901	0.52218	0.488864	0.45783	0.443382	0.360781	0.571537
0.606322	0.41453	0.572835	0.517048	0.504933	0.484359	0.512104	0.509566	0.451346	0.545097
0.600108	0.389651	0.366026	0.495749	0.503583	0.427438	0.300996	0.427581	0.395629	0.417271
0.490126	0.461983	0.46633	0.415755	0.371476	0.403938	0.475811	0.401376	0.455001	0.582088
0.504031	0.674729	0.55771	0.475446	0.432239	0.593712	0.548702	0.466642	0.486062	0.603128
0.773247	0.805493	0.641118	0.360331	0.525713	0.583941	0.523257	0.525832	0.530294	0.555018
0.850667	0.782325	0.546131	0.398802	0.624914	0.548396	0.425084	0.591019	0.546603	0.425212
0.720161	0.586025	0.540831	0.583911	0.526423	0.429126	0.711144	0.555657	0.448323	0.684446
0.97523	0.70033	0.600425	0.684177	0.566601	0.482443	0.845234	0.83363	0.668801	0.619829
0.70419	0.611235	0.491112	0.522719	0.546048	0.446963	0.523257	0.411226	0.486062	0.549648
0.663584	0.620278	0.75788	0.623441	0.653471	0.664192	0.603706	0.436288	0.55731	0.78197
0.656501	0.714855	1.191104	0.69891	0.77207	0.893624	0.812418	0.735749	0.865427	0.863333
0.958817	0.783654	0.809169	0.901073	1.031244	0.751911	0.673631	0.824935	0.692453	0.667118
0.911196	0.912945	0.654597	0.694649	1.042757	0.691166	0.813795	0.803929	0.618753	0.57963
1.221858	1.015613	0.774313	1.123241	1.110825	0.718827	0.892139	0.754859	0.706415	0.723594
1.495302	1.291839	0.903949	1.221775	1.603959	1.350335	0.685779	0.587683	0.843932	0.744577
0.813104	0.787666	0.709787	0.907947	1.089521	0.891984	1.011044	0.6397	0.597858	0.861766
1.531381	1.172557	1.086936	1.50973	0.924946	0.931358	1.595823	0.9681	0.975959	1.592262
1.642206	1.714673	1.310339	1.308354	1.175449	1.210786	0.961835	0.988524	1.048724	0.789851
0.994466	0.976547	0.794079	0.861968	0.952487	1.007554	0.93369	1.073736	0.98623	0.720194
1.76482	1.156558	0.661496	0.945938	1.403422	1.261359	1.051994	1.56809	1.025359	0.847911
1.01004	1.079076	0.824802	1.031319	1.08693	1.731941	1.403461	1.076288	1.257303	1.179312
0.84289	1.036548	0.856306	0.945938	1.056988	1.238961	1.240131	0.862374	0.886387	1.28555
0.896997	0.765406	0.578543	1.140647	0.932121	0.79421	1.408853	1.294433	0.696701	1.043652
1.716136	1.135105	1.117065	1.27484	1.022248	1.28095	1.357725	1.848339	1.392821	1.025034
1.141277	1.20293	1.252414	0.752381	0.924946	1.833518	0.996106	1.151556	1.420171	0.649495
1.060423	0.898835	0.721035	0.971237	1.175449	1.314259	0.86185	0.99697	1.063371	0.632559
1.614007	1.912659	1.011795	0.831872	1.243919	1.253764	0.94473	1.136597	1.172927	1.16967
0.983674	1.239373	1.174603	0.874616	1.022248	1.187549	2.032494	0.857707	1.016354	1.102106
1.050365	0.916546	0.90049	1.200878	1.334278	0.707978	1.266681	1.353223	0.898106	0.762871
0.861795	0.808302	0.809169	1.686792	1.290864	0.951531	0.975621	1.15461	1.315339	1.382834
0.679162	0.822625	1.233466	1.101067	0.965962	1.168576	0.86494	0.88156	1.277152	1.220172
1.01004	1.087033	1.164996	0.938441	1.056988	1.273008	1.015408	1.037153	1.319797	0.8301
0.871565	1.456834	1.602086	0.904497	1.164998	1.45036	1.054386	1.53009	1.420171	1.302477
0.805966	1.09242	1.244735	0.971237	1.442614	1.323001	1.968949	0.81641	1.223712	1.261336

1.244577	0.978627	0.898771	0.839203	0.762175	0.721029	1.172155	0.797147	1.048724	1.409605
1.704772	1.141127	0.91095	1.087762	1.097388	1.224645	1.29496	1.286055	0.952256	1.020502
1.150569	0.916546	1.20477	1.5534	1.540815	1.481017	1.372442	0.868676	1.550946	0.971519
0.925874	1.013348	1.011795	1.031319	2.402994	1.389683	1.024269	0.747594	1.892576	1.515386
0.789299	2.036166	1.508866	0.922031	1.688061	1.400103	1.29496	1.058731	1.251402	1.665363
0.957157	1.007826	1.837906	1.047734	0.467377	1.011846	2.231534	0.99697	1.011921	1.444072
0.960712	0.964268	1.051384	0.942173	0.803186	1.08958	1.133068	1.084035	0.994626	0.79653
1.443166	1.266834	0.72332	0.575773	1.895576	1.250015	0.761883	1.173403	1.449361	0.817205
1.105978	0.873552	1.071342	1.123241	1.343507	1.100023	0.975621	0.884841	0.822025	1.352746
0.721325	0.811129	1.149442	0.981375	1.236565	1.45036	1.147689	0.746395	0.663825	1.592262
0.814546	0.912945	1.108639	1.072316	1.08693	1.438678	1.086748	1.053843	1.324301	0.748174
0.694224	1.224427	1.495103	2.872568	1.040429	1.389683	1.526546	1.183113	1.480655	1.209591
0.944949	0.591122	0.712013	1.349433	0.786055	0.906969	0.789664	0.935443	1.091579	0.844892
0.709827	0.640863	0.71763	0.695711	0.94497	0.704776	0.394634	1.450521	1.163446	0.617149
0.744048	0.968323	0.914494	0.718618	0.933934	1.047803	0.952249	1.068677	1.094236	1.24214
0.943003	1.006622	1.260231	0.951647	0.446191	0.882273	1.162818	0.845502	0.874975	1.000672
1.120338	0.837437	0.897058	1.082552	0.695423	1.253764	1.172155	0.608097	0.926144	1.791498
0.796166	0.592835	1.058761	1.287107	0.624023	1.394862	0.898794	0.724219	1.0996	0.97965
0.884943	1.006622	1.552979	0.997031	0.897376	0.579933	0.607976	0.93916	0.668801	0.622526
0.890068	0.735804	0.853205	1.04535	0.948712	0.629755	0.770531	0.724219	0.870175	0.709047
0.699732	0.808302	0.683923	0.598104	0.812698	0.748369	0.634517	0.487904	0.878205	0.869659
0.593981	0.968323	0.767919	0.899372	0.835255	0.927789	0.979641	0.687159	0.597008	0.990034
1.003297	0.581823	0.618942	0.695711	0.656336	0.657464	0.759444	0.836568	0.663825	0.751802
0.832231	0.534333	0.565605	0.759706	0.638497	0.550628	0.809679	0.677857	0.567493	0.864906
0.601874	0.512403	0.814789	0.93474	0.561178	0.79421	0.90216	0.933596	0.785177	1.022762
0.642672	0.794437	0.626209	0.899372	0.923171	0.520384	0.68887	0.653015	0.839462	0.685487
0.751478	0.786325	0.461289	0.637151	0.697526	0.636973	0.845234	0.664762	0.783871	0.744577
0.51621	0.513116	0.558493	0.73459	0.558875	0.976646	0.705736	0.403002	0.731115	0.864906
0.744048	0.824084	0.907435	1.354247	0.702827	0.634252	0.732331	0.547249	0.739278	0.847911
0.592246	0.639906	0.714251	0.735754	0.789949	0.503334	0.589494	0.708574	0.543592	0.628884
0.69532	0.751587	0.518822	0.858863	1.059406	0.483719	0.549452	0.50818	0.369235	0.603128
0.568662	0.514547	0.479851	0.736921	0.616963	0.467408	0.565495	0.524393	0.497379	1.043652
0.935307	0.93501	0.806386	0.741619	0.828079	0.768833	0.595289	0.815005	0.647322	0.587045
0.497022	0.829968	0.696663	0.603226	0.619597	0.610503	0.590317	0.671764	0.725377	0.59206
0.470069	0.42257	0.630813	0.713053	0.494905	0.573597	0.725528	0.752424	0.694572	0.688626
0.664605	0.560604	0.791391	0.895988	0.779643	0.773791	0.665717	0.710775	0.658906	0.8301
0.51621	0.426647	0.590189	0.519874	0.543823	0.602867	0.344594	0.482653	0.619646	0.599692
0.349847	0.612131	0.675633	0.435727	0.535761	0.602026	0.46828	0.513751	0.634187	0.495258
0.666655	0.590269	0.366529	0.520584	0.524296	0.455266	0.437076	0.789145	0.684079	0.511709
0.83829	0.607669	0.460662	0.563063	0.77458	0.687063	0.497886	0.604627	0.774834	0.810204
0.532497	0.657466	0.572835	0.582271	0.426556	0.525985	0.518342	0.427581	0.383527	0.587045
0.514036	0.61483	0.497195	0.4225	0.387176	0.250105	0.480265	0.553348	0.368733	0.390038
0.474007	0.427232	0.435148	0.617189	0.691249	0.504673	0.728916	0.608097	0.597858	0.519463
0.520592	0.513831	0.507525	0.450577	0.529991	0.588799	0.539809	0.43923	0.487378	0.6298
0.476652	0.448854	0.612682	0.489756	0.394456	0.514855	0.416716	0.42586	0.485405	0.481357
0.494251	0.431945	0.434559	0.555303	0.555063	0.525281	0.317386	0.487244	0.55731	0.32314
0.509004	0.608558	0.820482	0.589699	0.592291	0.718827	0.602009	0.518685	0.477602	0.655291

0.50972	0.388042	0.580188	0.428201	0.463057	0.649901	0.569404	0.515859	0.42146	0.515921
0.522799	0.398335	0.32707	0.41353	0.446783	0.492763	0.531814	0.536039	0.483441	0.400727
0.593981	0.54727	0.429288	0.65323	0.626701	0.67897	0.672634	0.671764	0.49536	0.515216
0.567025	0.559808	0.507525	0.696774	0.614345	0.645239	0.607118	0.440412	0.373777	0.449947
0.510436	0.402189	0.496515	0.73459	0.46862	0.632448	0.49922	0.279108	0.435853	0.548886
0.403003	0.752826	0.597844	0.591367	0.533589	0.777547	0.704663	0.487904	0.832111	0.784581
0.69313	0.595416	0.559278	0.647486	0.598958	0.42075	0.734623	0.559534	0.520226	0.606591
0.537809	0.463254	0.608265	0.487119	0.552037	0.691166	0.463331	0.551051	0.605576	0.574757
0.56296	0.722882	0.702083	0.423634	0.669966	0.652722	0.415061	0.62316	0.604712	0.610082
0.703071	0.651533	0.61357	0.702133	0.677952	0.661296	0.532535	0.419608	0.528117	0.673155
0.764151	0.529857	0.522414	0.71974	0.516586	0.477373	0.624596	0.809432	0.475673	0.512408
0.660534	0.515982	0.509621	0.624342	0.292139	0.304943	0.785769	0.541982	0.504176	0.765369
0.506155	0.698138	0.817626	0.741619	0.383069	0.78644	0.90216	0.329715	0.618753	0.712361
0.656501	0.802703	0.749283	0.704295	0.748926	0.653666	0.657945	0.471066	0.44592	0.463488
0.413773	0.555063	0.596131	0.409663	0.494905	0.624419	0.57019	0.533098	0.559639	0.476176
0.519126	0.805493	0.53411	0.498439	0.600641	0.749547	0.57653	0.550288	0.588607	0.598838
1.035702	0.784987	0.79543	0.728818	0.702827	0.703714	0.741571	0.655922	0.475032	0.48991
0.660534	0.750353	0.585993	0.706468	0.822423	0.530233	0.574141	0.611594	0.655981	0.710149
0.8189	0.602376	0.678724	0.485806	0.760953	0.600351	0.787064	0.611594	0.604712	1.091359
0.733136	0.61483	0.72332	1.067287	1.16605	0.709051	1.008878	1.290224	1.653771	0.971519
0.909395	0.929388	0.647805	0.69043	0.845504	0.791605	0.65031	0.603764	0.677903	0.866484
0.537809	0.600625	0.853205	0.654194	0.555063	0.798148	1.079063	0.630434	0.542842	1.118744
0.895255	0.745449	0.973473	0.837727	1.198206	1.250015	1.398135	1.404569	1.060895	0.651418
0.855401	1.022479	0.744446	0.640881	0.764627	0.781336	0.725528	1.179852	1.001031	0.707948
0.677052	0.797175	0.63174	0.726531	0.728083	0.532373	0.603706	0.976155	0.860731	0.558116
0.801739	0.556639	0.546893	1.098373	1.175449	0.832432	0.820743	0.901632	1.169744	0.90103
1.252422	1.132125	0.668507	0.774739	1.042757	1.194062	0.528943	0.630434	0.535417	0.71682
0.57527	0.778362	1.068796	0.713053	0.712536	0.588799	0.595289	0.582726	0.520226	0.723594
0.534008	0.508853	0.873768	0.907947	0.869882	0.671026	0.751011	0.633193	0.634187	0.857099
0.69204	0.567832	0.483133	0.530639	0.532867	0.552122	0.486708	0.511654	0.531752	0.530994
0.60276	0.55037	0.564809	0.490418	0.47049	0.666134	0.477079	0.438051	0.539114	0.458515
0.603648	0.621193	0.390343	0.575773	0.361154	0.373137	0.489966	0.786511	0.772286	0.429816
0.69752	0.680989	0.531157	0.774739	0.904106	0.739063	0.521144	0.565019	0.633263	0.748174
0.512592	0.472259	0.398942	0.451181	0.494245	0.665162	0.513482	0.430464	0.417514	0.517335
0.481992	0.268929	0.242867	0.403114	0.380015	0.308772	0.53398	0.531635	0.371248	0.402354
0.437965	0.331877	0.397858	0.474806	0.435686	0.347168	0.472657	0.517269	0.411939	0.380122
0.466815	0.365611	0.348763	0.404742	0.36653	0.422413	0.480905	0.376663	0.347685	0.465368
0.30651	0.216839	0.347314	0.357883	0.256743	0.390322	0.347882	0.316166	0.418076	0.285451
0.514759	0.393429	0.433382	0.443385	0.492269	0.438241	0.357899	0.423576	0.548117	0.464114
0.437358	0.374341	0.472716	0.353996	0.337063	0.353279	0.208001	0.277477	0.296794	0.381155
0.289368	0.236025	0.345871	0.352547	0.357767	0.372147	0.364217	0.284035	0.304944	0.278045
0.317405	0.319358	0.330766	0.436311	0.306032	0.283862	0.271542	0.202224	0.313251	0.332749
0.466167	0.445786	0.393012	0.402032	0.25981	0.250479	0.340866	0.170252	0.278894	0.307146
0.250637	0.254915	0.362518	0.366262	0.274279	0.300728	0.377137	0.342282	0.332197	0.359465
0.291528	0.151299	0.329839	0.281126	0.447375	0.397076	0.348354	0.39016	0.478893	0.507538
0.384373	0.398883	0.24211	0.17625	0.327069	0.348571	0.361776	0.282798	0.29807	0.329982
0.231738	0.348661	0.170761	0.192285	0.288015	0.248614	0.233689	0.366559	0.255475	0.225835

0.313743	0.32119	0.276742	0.357395	0.227216	0.269574	0.170698	0.267823	0.257411	0.348293
0.395235	0.320273	0.351674	0.345848	0.346352	0.332482	0.155296	0.302165	0.152725	0.3536
0.328109	0.245946	0.282101	0.302076	0.284744	0.173317	0.329871	0.360608	0.225252	0.321784
0.251426	0.372271	0.26582	0.266249	0.332947	0.377119	0.398325	0.261504	0.229235	0.265184
0.188316	0.355064	0.269027	0.319595	0.236594	0.342987	0.32136	0.224326	0.278894	0.190757
0.251426	0.327198	0.260262	0.332754	0.33113	0.358998	0.318266	0.357662	0.252779	0.295525
0.396336	0.368161	0.257119	0.361806	0.428253	0.408214	0.443492	0.318395	0.249717	0.362923
0.441009	0.378511	0.276742	0.339252	0.442661	0.289548	0.25107	0.363573	0.345302	0.284208
0.491496	0.262467	0.227968	0.263884	0.385118	0.387751	0.289716	0.263469	0.341989	0.385313
0.514036	0.513831	0.42581	0.474806	0.471115	0.461295	0.434766	0.343701	0.335436	0.444527
0.482664	0.336131	0.294298	0.387159	0.350597	0.40929	0.371126	0.396534	0.452561	0.450554
0.330945	0.351605	0.38348	0.292734	0.423181	0.415802	0.407423	0.287768	0.385607	0.411132
0.412626	0.480791	0.472716	0.264278	0.398143	0.491459	0.518342	0.338989	0.38094	0.510314
0.428363	0.381138	0.400029	0.29823	0.58654	0.384178	0.409049	0.473614	0.325789	0.431556
0.511872	0.489494	0.409379	0.553002	0.534312	0.385196	0.405804	0.455468	0.327154	0.530994
0.376928	0.411129	0.560064	0.488436	0.32662	0.372147	0.485412	0.513051	0.420895	0.449342
0.596596	0.486126	0.455068	0.465327	0.446191	0.353753	0.359349	0.446973	0.411939	0.480056
0.362921	0.380611	0.349731	0.474168	0.406689	0.435944	0.419487	0.332015	0.318133	0.515921
0.287218	0.377988	0.409379	0.497092	0.536488	0.511434	0.395159	0.371077	0.475032	0.735126
0.373253	0.431945	0.48116	0.661989	0.519374	0.346702	0.41068	0.530906	0.463028	0.558894
0.38491	0.440922	0.299879	0.421368	0.561949	0.446376	0.46149	0.457927	0.386651	0.411686
0.363943	0.426647	0.407715	0.333676	0.362126	0.401815	0.654111	0.566599	0.500764	0.462864
0.618104	0.521042	0.536339	0.463455	0.488997	0.464953	0.578129	0.399217	0.441154	0.469786
0.573609	0.388578	0.444692	0.423634	0.434534	0.4348	0.400449	0.312623	0.356372	0.476176
0.45215	0.413394	0.407715	0.470357	0.361154	0.449319	0.429044	0.453634	0.435268	0.594589
0.437358	0.419106	0.506829	0.521294	0.459997	0.51692	0.460878	0.418481	0.395629	0.470421
0.430744	0.470313	0.499241	0.479302	0.471741	0.634252	0.444081	0.347986	0.456226	0.440358
0.60276	0.509561	0.527493	0.65323	0.801844	0.618276	0.677643	0.420738	0.574686	0.520175
0.866652	0.762861	0.765387	0.715271	0.760953	0.844	0.761883	0.692415	0.842437	0.700331
1.369879	1.28757	1.475245	0.839203	0.82383	1.141585	2.055924	1.151556	0.891371	1.273274
1.144192	1.199448	1.21972	1.029461	0.934332	1.863113	1.668313	1.053843	0.967913	1.228661
1.17182	1.185634	2.020609	1.239991	0.981897	1.03048	1.079063	1.592596	1.362123	1.600754
1.642206	1.950057	0.918066	0.80101	0.830274	1.11344	0.956058	1.01756	1.189842	0.897619
1.478475	1.703462	0.967402	0.859538	0.844906	0.83759	0.896824	0.986809	1.815971	1.144721
1.396609	1.392129	1.387648	1.134767	0.672944	1.174809	0.867207	2.320043	1.0996	1.261336
1.117428	1.990981	1.342483	1.427926	0.983925	0.690136	1.492353	1.295977	1.558643	1.592262
0	1.071262	1.392969	0.984711	0.837031	0.910478	1.649025	1.089278	1.069143	1.141935
0	0	0.492748	0.985497	0.418516	0.873755	1.153677	1.049008	0	0.470477
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1.240707	1.073851	1.523078	0.279437	0.139719	0.069859	0.631961	1.257943	0.894726	0.378653

0.766731	0.835933	0.961415	1.214697	0.558875	1.194062	1.913526	1.294433	0.757305	0.879323
0.682346	0.553493	0.513844	0.595565	0.606583	0.421304	0.340866	0.500635	0.667801	0.529536
0.380635	0.427232	0.368043	0.456049	0.456958	0.277056	0.332139	0.468532	0.432936	0.421791
0.381167	0.31617	0.314377	0.199343	0.342147	0.101675	0.303543	0.265047	0.409728	0.193435
0.309208	0.347197	0.252833	0.195968	0.439159	0.532373	0.354534	0.440412	0.505548	0.451769
0.723662	0.618454	0.629888	0.752381	0.899049	0.808827	0.759444	1.032501	0.961975	0.714585
0.638801	0.762861	0.756642	0.759706	0.538676	0.614804	0.63543	0.773572	0.562763	0.739825
0.439789	0.369698	0.299879	0.30079	0.561949	0.353279	0.437655	0.339458	0.409178	0.457898
0.567025	0.237916	0.424081	0.526301	0.839618	0.515542	0.476444	0.357662	0.573077	0.469152
0.372731	0.294922	0.314824	0.406376	0.335229	0.133873	0.351671	0.471701	0.549635	0.303238
0.193815	0.284675	0.377239	0.191619	0.26718	0.127915	0.309114	0.207386	0.288376	0.173424
0.462941	0.477489	0.488436	0.371267	0.431668	0.195456	0.388378	0.251428	0.236942	0.245442
9.96E-05	4.98E-05	2.49E-05	0.185646	1.130363	0.819776	1.37746	0.962156	1.124596	1.718211
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140	141	142	143	144	145	146	147	148	149
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1.137291	0.322782	0.537845	2.123609	0.376455	0.188227	0.390863	2.534175	0.875406	3.15661
0.645564	0.886957	1.215535	0.752909	1.417943	1.57312	0.593498	0.787326	1.303404	0.963485
0.927987	0.707515	0.830975	0.928951	1.321306	1.752656	0.573237	0.898275	1.015483	0.96748
1.042134	0.806374	0.704174	0.835024	0.743534	0.707462	0.86085	0.959545	0.71206	0.509367
0.557887	0.754138	0.909026	0.632619	0.46365	0.496506	0.72819	0.666362	0.527013	0.663849
0.475856	0.520136	0.510611	0.475236	0.596628	0.453507	0.451718	0.559774	0.559035	0.660867
0.47974	0.446974	0.489518	0.578489	0.451789	0.335314	0.430425	0.557398	0.483014	0.514994
0.391228	0.682811	0.745253	0.42058	0.379356	0.507604	0.603995	0.427902	0.484345	0.646256
0.3685	0.590934	0.571915	0.584273	0.555645	0.618224	0.607551	0.542643	0.739948	0.604289
0.549409	0.556819	0.51906	0.504687	0.503385	0.570221	0.488119	0.490203	0.623762	0.44216
0.581068	0.485648	0.573524	0.527435	0.517481	0.596136	0.657642	0.61204	0.571883	0.403793
0.438818	0.580085	0.466872	0.344844	0.481082	0.737412	0.722337	0.569412	0.567827	0.579775
0.402509	0.375027	0.412432	0.442224	0.504774	0.635796	0.614751	0.575134	0.582609	0.588073
0.483003	0.348606	0.503694	0.552986	0.439644	0.426455	0.688786	0.610252	0.477078	0.595679
0.828877	0.649655	0.632106	0.679713	0.578942	0.63017	0.763786	0.547249	0.443066	0.616638
0.435282	0.635382	0.538692	0.500552	0.615963	0.72681	0.575718	0.460141	0.604013	0.615744
0.507944	0.477113	0.404168	0.544554	0.748383	0.735034	0.583249	0.636927	0.732806	0.679075
0.60992	0.628879	0.698763	0.907419	0.71779	0.611925	0.539906	0.482823	0.487018	0.446976
0.543345	0.565498	0.597548	0.586776	0.423769	0.557427	0.51396	0.431434	0.51541	0.461754
0.570523	0.568698	0.365058	0.666446	0.747166	0.526266	0.666753	0.562164	0.716586	0.482274
0.764211	0.807764	0.584956	0.70204	0.732817	0.475126	0.638055	0.743963	0.67127	0.492909
0.56733	0.647725	0.642371	0.343408	0.476495	0.627384	0.768933	0.652377	0.681638	0.971513
0.588521	0.742004	0.65873	0.262565	0.451173	0.664066	0.508951	0.416904	0.499945	0.817869
0.568126	0.613479	0.480968	0.39081	0.704365	0.81134	0.859253	0.613836	0.814384	0.688473
0.63801	0.348606	0.466242	0.484392	0.535024	0.754438	0.872193	0.560569	0.47839	0.672921
0.515644	0.378122	0.540182	0.448264	0.53577	0.451033	0.521948	0.714631	0.561415	0.481617
0.702474	0.652567	0.885258	0.663441	0.716655	0.647272	0.466301	0.747619	0.693337	0.458012

0.616997	0.603797	0.609639	0.709745	0.863581	1.021875	0.72584	0.746397	0.771037	1.011813
0.523482	0.520855	0.381834	0.645836	0.401818	0.575939	0.56995	0.496336	0.516843	0.766937
0.405787	0.422217	0.453831	0.558438	0.344323	0.664066	0.619313	0.429664	0.445496	0.604289
0.61789	0.676592	0.645214	0.806355	0.724661	0.812756	0.600468	0.576782	0.620103	0.616638
0.510728	0.451854	0.528402	0.643923	0.607949	0.4043	0.511091	0.510284	0.458482	0.524297
0.370012	0.426246	0.500277	0.271783	0.430167	0.466733	0.39839	0.447079	0.540449	0.438583
0.377141	0.625206	0.537949	0.32425	0.473895	0.522614	0.478728	0.515991	0.645416	0.593129
0.671062	0.725568	0.781425	0.43864	0.267813	0.414952	0.488797	0.425563	0.363066	0.570827
0.605555	0.453083	0.424271	0.448264	0.399082	0.39067	0.429832	0.466501	0.227043	0.367029
0.579429	0.366376	0.40966	0.43864	0.358495	0.448573	0.441245	0.360687	0.415487	0.555792
0.623285	0.536224	0.468768	0.492397	0.466826	0.564577	0.356873	0.483489	0.517562	0.587236
0.345946	0.435009	0.386001	0.367977	0.371095	0.392822	0.388575	0.348799	0.417767	0.377735
0.394956	0.4643	0.434682	0.304589	0.451789	0.422394	0.402267	0.420347	0.603136	0.437989
0.572129	0.624293	0.615814	0.494421	0.661397	0.554286	0.679206	0.570224	0.859369	0.552692
0.587686	0.374	0.51835	0.632619	0.583088	0.592704	0.649701	0.569412	0.462264	0.542014
0.490936	0.46241	0.433513	0.493071	0.491078	0.552725	0.572412	0.518873	0.417196	0.561271
0.499017	0.621564	0.661682	0.661449	0.511788	0.677362	0.598715	0.63598	0.545788	0.735241
0.536623	0.519419	0.564748	0.692331	0.60531	0.464818	0.61657	0.835505	0.571069	0.51358
0.339308	0.458655	0.59331	0.407096	0.529833	0.483021	0.469537	0.469717	0.586806	0.562849
0.550938	0.872175	0.556146	0.39942	0.683923	0.679444	0.596969	0.487505	0.615574	0.548084
0.649391	0.672494	0.668648	0.590136	0.591501	0.759428	0.736519	0.626615	0.581775	0.629348
0.55711	0.563114	0.555372	0.573592	0.465552	0.496506	0.622073	0.575134	0.472515	0.667858
0.426567	0.553706	0.625697	0.578489	0.41125	0.621865	0.579049	0.366247	0.431116	0.711228
0.585192	0.477763	0.477078	0.573592	0.421466	0.455372	0.528596	0.256684	0.345778	0.543523
0.503114	0.379678	0.307245	0.361952	0.450559	0.453507	0.173249	0.378106	0.370691	0.394575
0.380232	0.545257	0.431184	0.44463	0.412936	0.485017	0.369587	0.452009	0.464805	0.480308
0.321334	0.559169	0.521913	0.44463	0.526164	0.314105	0.293992	0.45139	0.420635	0.470612
0.359042	0.366376	0.400906	0.387625	0.379356	0.309184	0.461173	0.416332	0.271212	0.331276
0.465667	0.358883	0.434097	0.455624	0.349644	0.343421	0.490158	0.518151	0.367625	0.222689
0.35075	0.382806	0.448359	0.396171	0.34097	0.471879	0.436403	0.342975	0.311794	0.393503
0.450817	0.345234	0.323705	0.380803	0.347217	0.341979	0.368041	0.371363	0.357061	0.377735
0.329537	0.304494	0.369569	0.279549	0.405123	0.392283	0.392366	0.356688	0.388486	0.416021
0.324505	0.466832	0.43293	0.232683	0.415194	0.445518	0.374257	0.374981	0.464805	0.33035
0.402509	0.436191	0.421423	0.371021	0.412373	0.287067	0.33109	0.430253	0.376888	0.366526
0.487613	0.422217	0.318298	0.416039	0.424926	0.302999	0.259814	0.429076	0.370691	0.271572
0.381786	0.393399	0.356662	0.330234	0.348672	0.355131	0.191697	0.331555	0.298999	0.343029
0.429452	0.338566	0.356173	0.408759	0.370584	0.162885	0.095028	0.354207	0.270397	0.402699
0.331381	0.294132	0.28305	0.397252	0.326425	0.301248	0.313957	0.33818	0.351628	0.335003
0.274312	0.361865	0.358623	0.398335	0.303947	0.403194	0.33109	0.341531	0.425844	0.349752
0.227865	0.35543	0.33426	0.429807	0.340493	0.36615	0.418133	0.352726	0.3362	0.291421
0.224239	0.377088	0.298601	0.338185	0.424926	0.406521	0.303195	0.261853	0.264735	0.216948
0.376628	0.280277	0.392326	0.352581	0.398537	0.458498	0.392366	0.263858	0.335727	0.335939
0.430612	0.275755	0.3394	0.339603	0.392585	0.364125	0.419868	0.391376	0.272028	0.299967
0.37153	0.395011	0.356662	0.383414	0.262205	0.33437	0.380033	0.288237	0.321301	0.363518
0.196616	0.423364	0.417466	0.456863	0.384599	0.493775	0.476742	0.398987	0.400951	0.420555
0.35855	0.33574	0.286365	0.381324	0.45364	0.393903	0.311693	0.347823	0.403709	0.306051
0.391758	0.29158	0.370073	0.387096	0.407898	0.381115	0.305861	0.377062	0.334309	0.365019

0.443578	0.382283	0.390736	0.336301	0.38302	0.392283	0.408996	0.306466	0.372747	0.380324
0.426567	0.367385	0.361086	0.346765	0.330132	0.359605	0.361914	0.36931	0.4104	0.375675
0.379715	0.34909	0.401448	0.424017	0.276774	0.375896	0.397288	0.414623	0.471221	0.354129
0.404692	0.46938	0.617594	0.458728	0.374175	0.497191	0.536103	0.462674	0.575155	0.522853
0.587686	0.542225	0.534252	0.627076	0.520356	0.511131	0.441245	0.510284	0.527013	0.51358
0.452035	0.567896	0.431184	0.39942	0.506866	0.394444	0.386424	0.370849	0.475117	0.3866
0.424844	0.404258	0.408005	0.342931	0.370074	0.358108	0.434601	0.382309	0.432887	0.461128
0.47974	0.490986	0.342703	0.461227	0.472601	0.496506	0.538381	0.578437	0.442461	0.522132
0.403054	0.41709	0.348905	0.476532	0.43134	0.361107	0.397288	0.397892	0.376369	0.440368
0.32269	0.36688	0.321895	0.385514	0.363491	0.438271	0.391279	0.374981	0.413219	0.364518
0.525645	0.575984	0.514112	0.504687	0.439046	0.542708	0.526369	0.532829	0.584283	0.60516
0.664049	0.544497	0.375658	0.436267	0.512495	0.475126	0.474765	0.669418	0.522625	0.445767
0.562583	0.513016	0.470671	0.451315	0.546359	0.467372	0.478728	0.546478	0.414919	0.3866
0.532198	0.483004	0.5984	0.573592	0.471956	0.517553	0.56345	0.445856	0.414919	0.543523
0.468192	0.50255	0.490182	0.512373	0.593203	0.496506	0.488119	0.49909	0.390092	0.419417
0.524202	0.475166	0.440576	0.488376	0.450559	0.567793	0.536103	0.514557	0.374813	0.436805
0.401422	0.412024	0.602689	0.4811	0.372119	0.606598	0.57738	0.488178	0.435261	0.425136
0.428874	0.392328	0.678799	0.677646	0.499244	0.517553	0.559436	0.656327	0.443672	0.417716
0.405239	0.460529	0.398207	0.502615	0.543307	0.497191	0.53762	0.608472	0.45225	0.399974
0.557887	0.410906	0.359606	0.453156	0.518916	0.457871	0.600468	0.526162	0.374295	0.527929
0.503801	0.417657	0.402534	0.41717	0.469383	0.485017	0.593498	0.574311	0.529963	0.659878
0.602957	0.449407	0.437619	0.518764	0.475844	0.519715	0.431019	0.550347	0.586806	0.433271
0.503801	0.392864	0.549995	0.539272	0.416328	0.493095	0.583249	0.485492	0.486348	0.467428
0.447182	0.508799	0.805494	0.570357	0.435472	0.516117	0.49841	0.445856	0.518282	0.568418
0.540344	0.641035	0.633029	0.722135	0.665407	0.499254	0.427467	0.600548	0.65027	0.494932
0.56733	0.680728	0.490848	0.498499	0.690275	0.526266	0.508241	0.622008	0.652226	0.346377
0.524923	0.498433	0.468135	0.523801	0.601816	0.499944	0.638055	0.566982	0.457854	0.468699
0.599517	0.629802	0.461858	0.453772	0.485053	0.557427	0.551518	0.541119	0.500636	0.63772
0.529273	0.57762	0.531317	0.483732	0.471956	0.51184	0.557841	0.509576	0.455978	0.496965
0.49766	0.417657	0.525506	0.456863	0.384072	0.455372	0.478065	0.489527	0.437648	0.642442
0.606425	0.549077	0.731124	0.639177	0.583088	0.540429	0.528596	0.727294	0.587651	0.687419
0.654222	0.682811	0.468768	0.546837	0.617764	0.394985	0.406742	0.63221	0.618286	0.505886
0.538107	0.650624	0.479668	0.482414	0.602687	0.461647	0.46824	0.562963	0.551972	0.446976
0.572129	0.565498	0.557697	0.677646	0.625963	0.436478	0.655643	0.542643	0.400951	0.467428
0.525645	0.542225	0.514112	0.560008	0.618667	0.501326	0.669833	0.669418	0.623762	0.426867
0.440597	0.493004	0.475789	0.454388	0.548662	0.657072	0.690944	0.47101	0.595324	0.496286
0.648431	0.527375	0.57433	0.534795	0.446282	0.650189	0.637098	0.525428	0.608423	0.579775
0.787347	0.561532	0.608764	0.596078	0.511788	0.63017	0.54067	0.489527	0.579281	0.509367
0.442383	0.559955	0.521913	0.524526	0.526895	0.508307	0.549952	0.518151	0.519003	0.550382
0.561012	0.799491	0.616703	0.601237	0.675596	0.509011	0.593498	0.675596	0.648322	0.613962
0.598661	0.554482	0.628432	0.659467	0.651532	0.432323	0.56995	0.522502	0.386354	0.594827
0.775625	0.630727	0.69984	0.677646	0.816909	0.626459	0.54606	0.59191	0.513981	0.665849
0.589357	0.47452	0.527676	0.415475	0.561155	0.685751	0.476742	0.619267	0.601388	0.5272
0.488939	0.451241	0.563959	0.42001	0.376757	0.595276	0.673974	0.470363	0.470575	0.546558
0.647473	0.572731	0.719691	0.630763	0.566736	0.595276	0.634241	0.484155	0.561415	0.653014
0.471369	0.558385	0.54393	0.567947	0.431928	0.481034	0.575718	0.686092	0.612878	0.565227
0.519189	0.621564	0.584129	0.605584	0.478455	0.563777	0.528596	0.697938	0.649294	0.472534

0.580247	0.352981	0.412432	0.494421	0.3942	0.548845	0.660658	0.701226	0.539691	0.556571
0.560229	0.51585	0.550759	0.703132	0.677663	0.513973	0.488119	0.675596	0.666177	0.523574
0.483659	0.394473	0.461235	0.543038	0.501309	0.440071	0.463089	0.4936	0.527749	0.551151
0.483003	0.461782	0.586614	0.535538	0.35949	0.483685	0.511091	0.457622	0.492414	0.602553
0.647473	0.589247	0.709652	0.572781	0.436066	0.638636	0.457366	0.604932	0.594465	0.75202
0.63243	0.508101	0.48162	0.52963	0.560364	0.522614	0.648718	0.741542	0.576801	0.620232
0.533668	0.571921	0.456901	0.52963	0.610604	0.477086	0.509663	0.747619	0.649294	0.453073
0.532198	0.408679	0.474504	0.531836	0.458616	0.449187	0.461173	0.423237	0.45225	0.430348
0.749444	0.565498	0.486869	0.549133	0.491078	0.603959	0.382685	0.34105	0.489708	0.646256
0.506559	0.517988	0.461235	0.534054	0.449333	0.575118	0.486089	0.463309	0.453489	0.497645
0.434696	0.475814	0.560817	0.506075	0.306584	0.489037	0.547613	0.543408	0.536675	0.484908
0.440597	0.541471	0.65873	0.443425	0.442046	0.703032	0.600468	0.503952	0.665165	0.518549
0.605555	0.518703	0.509219	0.567147	0.656436	0.662056	0.590055	0.628472	0.572699	0.530856
0.43587	0.58091	0.546952	0.610858	0.662396	0.495138	0.451718	0.56537	0.539691	0.442759
0.582713	0.584226	0.59331	0.717589	0.704365	0.451033	0.482059	0.520321	0.360554	0.543523
0.570523	0.497751	0.526951	0.609093	0.532792	0.489037	0.579049	0.580099	0.487018	0.69808
0.62148	0.549077	0.431184	0.402693	0.453022	0.420666	0.452342	0.597072	0.535174	0.416021
0.606425	0.468104	0.480968	0.496455	0.356513	0.533662	0.568315	0.492238	0.495821	0.430348
0.525645	0.45679	0.614926	0.485054	0.2893	0.632974	0.565065	0.350267	0.539691	0.469973
0.512828	0.538465	0.724228	0.611743	0.478455	0.575118	0.489477	0.491559	0.656167	0.653988
0.530733	0.590934	0.526951	0.485054	0.584758	0.566182	0.463089	0.543408	0.611091	0.517123
0.47909	0.46241	0.630265	0.62433	0.699981	0.544999	0.536861	0.415192	0.575155	0.531591
0.452035	0.544497	0.639547	0.609975	0.560364	0.471232	0.58749	0.396799	0.605771	0.613074
0.595254	0.598606	0.509219	0.511669	0.549432	0.562978	0.572412	0.635034	0.548097	0.521413
0.582713	0.540717	0.575139	0.523801	0.579768	0.616415	0.612037	0.609361	0.569445	0.573249
0.512127	0.392328	0.5984	0.498499	0.547125	0.721029	0.613845	0.591056	0.58011	0.63027
0.670054	0.544497	0.563171	0.588453	0.574018	0.701932	0.749939	0.688222	0.552751	0.602553
0.569723	0.607293	0.460613	0.497135	0.589805	0.633912	0.635192	0.700127	0.723463	0.495609
0.595254	0.573542	0.348905	0.687029	0.715523	0.548073	0.628583	0.663327	0.586806	0.660867
0.814588	0.704212	0.548471	0.69447	0.6604	0.488365	0.690944	0.640738	0.633044	0.805255
0.540344	0.559955	0.496886	0.477182	0.529097	0.538162	0.565065	0.655336	0.543492	0.583904
0.554013	0.470659	0.649993	0.681791	0.508267	0.551169	0.718863	0.682917	0.551972	0.578134
0.74583	0.733708	0.936023	0.743206	0.526895	0.682586	0.64287	0.5686	0.596185	0.675987
0.674103	0.700934	0.687093	0.84857	0.697805	0.621865	0.589198	0.691437	0.718866	0.74837
0.587686	0.689122	0.514815	0.520916	0.633383	0.570221	0.472797	0.580099	0.555097	0.55424
0.685439	0.617952	0.484237	0.681791	0.71779	0.592704	0.530087	0.469717	0.491736	0.566023
0.729349	0.429148	0.45322	0.697698	0.692413	0.718738	0.663695	0.510284	0.535924	0.606906
0.581068	0.579262	0.458753	0.513079	0.516765	0.545765	0.618397	0.488852	0.549643	0.571633
0.690691	0.554482	0.633029	0.685976	0.461755	0.461015	0.623923	0.595345	0.65027	0.578954
0.714586	0.689122	0.829519	0.677646	0.557998	0.533662	0.607551	0.553466	0.53818	0.497645
0.677166	0.897098	0.594154	0.574404	0.569957	0.639587	0.592635	0.682917	0.643489	0.545038
0.576169	0.751684	0.643317	0.654549	0.611492	0.667099	0.59959	0.796818	0.882072	0.575685
0.843653	0.814781	0.642371	0.809138	0.673539	0.554286	0.721176	0.724964	0.703149	0.493582
0.643663	0.930869	0.694483	0.552986	0.666415	0.654109	0.570769	0.63409	0.748431	0.485569
0.638947	0.461155	0.527676	0.573592	0.627806	0.534409	0.549171	0.593624	0.593607	0.525746
0.747031	0.51585	0.696618	0.63169	0.522525	0.58508	0.596969	0.585964	0.562212	0.74475
0.876421	0.806374	0.685005	0.73725	0.791946	0.732668	0.600468	0.781994	1.008745	1.171119

0.654222	0.694451	0.496211	0.523801	0.754522	0.769582	0.482059	0.604052	0.739948	0.738782
0.654222	0.69768	0.502324	0.552986	0.633383	0.620041	0.597841	0.602296	0.69876	0.519979
0.950459	0.804989	0.608764	0.65651	0.652508	0.694306	0.762509	0.861759	0.885414	0.606906
0.693873	0.64389	0.628432	0.4811	0.575653	0.716459	0.61566	0.540359	0.856221	0.75202
0.722473	0.554482	0.480317	0.560796	0.738738	0.551169	0.70079	0.571039	0.622844	0.710117
0.62148	0.481688	0.686048	0.795397	0.824106	0.562978	0.89929	0.770231	0.620103	0.887097
0.706839	0.689122	0.937884	0.99221	1.009557	0.870311	0.628583	0.806522	0.76337	0.853414
0.706839	0.681769	0.747653	0.566348	0.577294	0.818468	0.688786	0.739134	0.767187	0.626593
0.767983	0.76662	0.65775	0.707529	0.71779	0.715324	0.579049	0.781994	0.780156	0.651072
0.706839	0.844042	0.734613	0.732543	0.896593	0.849751	0.723502	0.893111	0.79217	0.616638
0.595254	0.75537	0.690245	0.586776	0.82556	0.822801	0.572412	0.465861	0.632107	0.567618
0.769247	0.699847	0.51906	0.72328	0.673539	0.595276	0.782074	0.730812	0.497191	0.611303
1.051735	0.998753	0.909026	0.859405	0.772187	0.669132	1.047857	0.953604	0.743563	0.905841
0.684396	0.783402	0.853414	0.672519	0.91948	1.017308	0.715417	1.028557	0.859369	0.639602
0.62148	0.719845	0.679827	0.57685	0.785259	1.091447	0.643839	0.694675	0.909559	0.598244
0.807616	0.742004	0.43703	0.655528	0.814064	0.769582	0.695292	0.691437	0.865736	0.688473
0.654222	0.762837	0.564748	0.608213	0.730471	0.925498	0.747468	0.905258	0.882072	0.817869
0.543345	0.729038	0.498917	0.514493	0.513204	0.615513	0.633293	0.56779	0.571069	0.742353
0.714586	0.627958	0.57433	0.639177	0.607067	0.532173	0.975504	0.702327	0.418339	0.878837
0.855846	0.749243	0.75616	0.895334	0.832902	0.812756	0.941466	0.730812	0.608423	0.996527
0.675122	0.949758	0.819465	0.634483	0.718927	0.828647	0.607551	0.615638	0.527749	0.737599
0.686484	0.835055	0.830975	0.704228	0.815484	0.676325	0.585789	0.760036	0.768467	0.759415
0.711249	0.841025	0.706357	0.923467	0.96519	0.730315	0.613845	0.900011	0.754593	0.503122
0.624191	0.83803	0.90555	0.717589	0.625963	0.878485	0.747468	0.664337	0.888782	0.809419
0.747031	0.588406	0.527676	0.745611	0.737547	0.623697	0.78475	0.692513	0.754593	0.731728
0.744632	0.487642	0.525506	0.938248	0.765795	0.504105	0.763786	0.682917	0.539691	0.67394
0.593561	0.814781	0.90555	1.143407	1.138039	0.871933	0.665731	0.751307	0.870572	1.18746
0.616997	0.775575	0.8339	0.710857	0.763264	1.096871	0.617483	0.673527	0.88374	1.051343
0.775625	0.64389	0.621177	0.695543	0.614169	0.75568	0.512523	0.701226	0.748431	0.507971
0.731665	0.798127	0.688141	0.647757	0.502	0.677362	0.589198	0.949688	1.022326	0.777175
0.636142	0.66642	0.639547	0.505381	0.617764	0.629239	0.746237	0.58428	0.720011	0.772026
0.577796	0.650624	0.69342	0.681791	0.800109	0.457871	0.708604	0.788669	0.685856	0.791657
0.644612	0.655499	0.763586	0.909173	0.724661	0.67529	0.734123	0.733174	0.739948	0.729402
0.723611	0.609051	0.649993	0.623419	0.814064	0.623697	0.425115	0.604052	0.572699	0.819293
0.643663	0.699847	0.781425	0.706426	0.800109	0.907487	0.635192	0.803727	0.71545	0.841239
0.700308	0.845558	0.656773	0.759085	0.680782	0.650189	0.596098	0.742751	0.709815	0.559699
0.597807	0.664413	0.664654	0.658479	0.698892	0.708576	0.706357	0.726127	0.747209	0.599963
0.609044	0.486976	0.679827	0.539272	0.554083	0.662056	0.636144	0.540359	0.604891	0.683227
0.598661	0.421644	0.583304	0.661449	0.591501	0.582568	0.64481	0.635034	0.665165	0.653988
0.691749	0.637259	0.645214	0.724427	0.511081	0.603083	0.851357	0.795449	0.984898	0.817869
0.438227	0.649655	0.677773	0.595224	0.581425	0.745842	0.565065	0.678718	0.845378	0.76066
0.301478	0.660429	0.577572	0.581785	0.536518	0.794696	0.519026	0.573491	0.706469	0.650105
0.717948	0.571113	0.505758	0.666446	0.543307	0.623697	0.538381	0.654348	0.696583	0.606906
0.691749	0.703116	0.640487	0.573592	0.569957	0.610142	0.506823	0.4936	0.681638	0.664848
0.532198	0.454932	0.448964	0.475884	0.632449	0.648242	0.588343	0.51671	0.553531	0.574871
0.543345	0.390727	0.621177	0.652598	0.606188	0.616415	0.734123	0.550347	0.484345	0.623855
0.599517	0.47452	0.556921	0.457484	0.384599	0.434692	0.558638	0.585122	0.722309	0.729402

0.580247	0.597747	0.631184	0.359467	0.469383	0.51184	0.546836	0.558189	0.566215	0.571633
0.604687	0.552931	0.496211	0.581785	0.554083	0.684694	0.606659	0.5686	0.592751	0.414895
0.650352	0.570306	0.489518	0.560796	0.544068	0.532917	0.608444	0.699031	0.630238	0.480308
0.456326	0.580085	0.451391	0.509563	0.516051	0.594417	0.597841	0.54957	0.529224	0.542014
0.475212	0.540717	0.485551	0.539272	0.516765	0.501326	0.633293	0.700127	0.512557	0.557351
0.420284	0.449407	0.577572	0.584273	0.570767	0.541947	0.617483	0.63598	0.538935	0.606906
0.483659	0.553706	0.542427	0.499866	0.483725	0.443695	0.481391	0.496336	0.677461	0.57244
0.321334	0.510903	0.630265	0.463111	0.433106	0.513261	0.504	0.437385	0.71206	0.640547
0.62148	0.518703	0.392326	0.61263	0.556428	0.548073	0.418711	0.588503	0.535174	0.454918
0.601234	0.561532	0.428867	0.544554	0.641885	0.646304	0.597841	0.540359	0.562212	0.677014
0.493613	0.671476	0.470671	0.546075	0.533534	0.495138	0.484069	0.547249	0.571069	0.533065
0.496983	0.408679	0.51906	0.540774	0.473895	0.251757	0.506823	0.555035	0.535174	0.512171
0.577796	0.451854	0.45567	0.505381	0.575653	0.430554	0.606659	0.596208	0.616476	0.550382
0.496307	0.461155	0.582481	0.472012	0.468742	0.604837	0.584094	0.518873	0.618286	0.620232
0.450817	0.442148	0.494192	0.579311	0.537267	0.482357	0.531583	0.555821	0.464168	0.542014
0.560229	0.51514	0.438799	0.497135	0.608832	0.616415	0.504704	0.575134	0.514695	0.54732
0.438227	0.575168	0.439391	0.402146	0.485053	0.564577	0.516124	0.452629	0.546556	0.469973
0.532932	0.396629	0.388625	0.50677	0.418604	0.506201	0.487441	0.436188	0.405928	0.381884
0.455096	0.346195	0.343652	0.545313	0.390976	0.407636	0.606659	0.37291	0.549643	0.409864
0.431193	0.431483	0.431765	0.538522	0.476495	0.437075	0.509663	0.511704	0.524814	0.479655
0.319981	0.413145	0.543178	0.452542	0.336225	0.477742	0.357374	0.435591	0.490383	0.548084
0.484315	0.442749	0.468135	0.497135	0.403467	0.536657	0.337274	0.492238	0.593607	0.477052
0.568126	0.67046	0.490182	0.560796	0.416896	0.487022	0.344033	0.602296	0.645416	0.428604
0.394421	0.525191	0.335656	0.449482	0.386185	0.513973	0.446142	0.486162	0.568635	0.471252
0.47974	0.4643	0.358131	0.508863	0.494462	0.432914	0.456104	0.521047	0.518282	0.530856
0.501744	0.309327	0.396059	0.479136	0.503385	0.372795	0.583249	0.454495	0.457854	0.404342
0.407986	0.384379	0.464985	0.314755	0.360986	0.437672	0.503298	0.442811	0.507608	0.458012
0.391228	0.533995	0.547711	0.444027	0.489732	0.61282	0.583249	0.480832	0.500636	0.496965
0.524923	0.525918	0.392858	0.489044	0.533534	0.471232	0.532333	0.604052	0.538935	0.422267
0.531465	0.540717	0.542427	0.473944	0.506866	0.422394	0.405619	0.383895	0.460369	0.364018
0.452035	0.470659	0.45567	0.433319	0.43488	0.416658	0.378977	0.433804	0.466719	0.409309
0.351234	0.414831	0.356173	0.48638	0.469383	0.369715	0.397288	0.390837	0.388486	0.459256
0.454482	0.468741	0.381316	0.460601	0.471956	0.431732	0.435802	0.462039	0.537427	0.57244
0.43941	0.41709	0.446551	0.430391	0.278837	0.481695	0.511091	0.407294	0.455354	0.561271
0.525645	0.50255	0.475789	0.395094	0.448721	0.487022	0.454847	0.461405	0.42701	0.428604
0.524202	0.563908	0.480968	0.456863	0.592351	0.497191	0.49841	0.483489	0.463533	0.538263
0.393887	0.524465	0.400906	0.395632	0.406786	0.434692	0.339676	0.396254	0.413785	0.419986
0.427142	0.446368	0.269634	0.380282	0.501309	0.437075	0.397839	0.373427	0.429939	0.403246
0.392822	0.344754	0.321444	0.513785	0.597488	0.484351	0.411263	0.406177	0.475769	0.46616
0.386481	0.387012	0.45567	0.376142	0.461755	0.502019	0.60311	0.448306	0.529963	0.522132
0.401965	0.296271	0.488191	0.413225	0.474544	0.524801	0.522682	0.471658	0.499255	0.530856
0.447182	0.468741	0.475789	0.333023	0.422041	0.606598	0.474108	0.406735	0.442461	0.460503
0.4237	0.50324	0.461858	0.374086	0.372119	0.429966	0.414684	0.363711	0.443672	0.388183
0.508638	0.44335	0.388099	0.415475	0.487052	0.443695	0.398942	0.503952	0.487018	0.389242
0.503114	0.490986	0.503694	0.471137	0.495142	0.442483	0.474765	0.432617	0.409278	0.397266
0.355608	0.500487	0.490848	0.40379	0.405123	0.405965	0.554668	0.216688	0.316748	0.462381
0.431193	0.379678	0.348425	0.395094	0.401269	0.367165	0.527852	0.437984	0.414919	0.583904

0.420284	0.503931	0.33893	0.398335	0.495823	0.447348	0.452967	0.486162	0.573516	0.422839
0.398177	0.514431	0.408005	0.396711	0.572389	0.562978	0.530087	0.468428	0.409839	0.310449
0.531465	0.545257	0.512708	0.490382	0.474544	0.475126	0.393455	0.381781	0.384233	0.33829
0.535143	0.528838	0.514815	0.581785	0.483725	0.489037	0.451718	0.521774	0.485679	0.407094
0.428296	0.461155	0.519771	0.474589	0.377795	0.388529	0.423359	0.522502	0.524814	0.4321
0.471369	0.49571	0.507139	0.502615	0.347217	0.381115	0.554668	0.464583	0.46608	0.519979
0.450817	0.546781	0.492851	0.503995	0.467464	0.516834	0.494264	0.454495	0.582609	0.508668
0.454482	0.532515	0.548471	0.642969	0.48839	0.505501	0.579886	0.573491	0.468643	0.549614
0.412975	0.425668	0.411321	0.442224	0.47911	0.573479	0.472143	0.482823	0.493774	0.50658
0.548646	0.472585	0.466242	0.503305	0.598351	0.511131	0.388036	0.629403	0.541968	0.469336
0.681283	0.59178	0.597548	0.65651	0.694562	0.611925	0.510377	0.626615	0.623762	0.60342
0.545609	0.552931	0.492183	0.567147	0.443252	0.58508	0.608444	0.49909	0.56062	0.543523
0.51003	0.616157	0.630265	0.501238	0.432517	0.641496	0.579886	0.513128	0.487689	0.562059
0.544098	0.717577	0.761097	0.571164	0.520356	0.571033	0.446142	0.497023	0.449782	0.451847
0.581068	0.53697	0.708551	0.560008	0.454259	0.632037	0.490839	0.460773	0.4076	0.418849
0.532198	0.582565	0.516225	0.43864	0.479767	0.570221	0.544513	0.55425	0.524083	0.472534
0.550173	0.531777	0.446551	0.441624	0.565934	0.518993	0.487441	0.792724	0.502716	0.419417
0.475212	0.590934	0.503009	0.466269	0.532792	0.571033	0.541436	0.655336	0.613775	0.473177
0.504489	0.533255	0.494864	0.549133	0.551752	0.661055	0.734123	0.586809	0.599647	0.551151
0.484315	0.529571	0.552292	0.455006	0.601816	0.570221	0.574889	0.526162	0.706469	0.721357
0.610799	0.434419	0.546195	0.556873	0.520356	0.468655	0.623923	0.515991	0.652226	0.777175
0.557887	0.567896	0.523347	0.558438	0.801484	0.6722	0.628583	0.4984	0.623762	0.560484
0.583538	0.604669	0.616703	0.532574	0.868376	0.787945	0.560236	0.607584	0.74115	0.524297
0.873191	0.88863	0.818047	0.680751	0.824106	0.931051	0.73293	0.914147	0.824471	0.618431
0.703561	0.742004	0.703086	0.677646	0.650557	0.634853	0.880481	0.747619	0.705359	0.70351
0.598661	0.50324	0.686048	0.671501	0.564335	0.624615	0.628583	0.518151	0.508312	0.602553
0.608169	0.660429	0.719691	0.655528	0.572389	0.657072	0.602228	0.540359	0.684797	0.519979
0.616106	0.557601	0.571113	0.675588	0.651532	0.586762	0.601347	0.706761	0.580942	0.447582
0.501744	0.663414	0.559254	0.508863	0.628731	0.644374	0.456104	0.521774	0.604013	0.466794
0.574549	0.744404	0.582481	0.448264	0.707682	0.662056	0.641902	0.594484	0.628378	0.613962
0.855846	0.890311	0.91784	0.820453	0.841881	0.995163	0.965213	0.787326	0.743563	0.679075
0.823105	0.593476	0.703086	0.900472	0.631516	0.692151	0.875489	0.711241	0.681638	0.880476
0.702474	0.67969	0.59331	0.661449	0.608832	0.761944	0.734123	0.656327	0.72811	0.788988
0.662066	0.800859	0.734613	0.658479	0.754522	0.777357	0.790153	0.730812	0.685856	0.678043
0.783405	0.726721	0.907284	0.615303	0.611492	0.676325	0.634241	0.61204	0.548097	0.480308
0.646517	0.961498	0.885258	0.472655	0.521078	0.623697	0.570769	0.640738	0.622844	0.626593
0.696007	0.748029	0.818047	0.646795	0.690275	0.839071	0.649701	0.785987	0.81581	0.724787
0.761715	0.553706	0.636742	0.676616	0.649585	0.6722	0.757437	0.745178	0.676423	0.798403
0.689635	0.609933	0.633029	0.720994	0.558785	0.620952	0.920784	0.925059	0.778842	0.742353
0.773063	0.546781	0.686048	0.79002	0.538769	0.749505	0.717711	0.722646	0.900781	0.883774
0.737511	0.373488	0.490182	0.705325	0.715523	0.571033	0.788796	0.761297	0.568635	0.564433
0.676142	0.645803	0.736955	0.752909	0.645718	0.609254	0.671899	0.673527	0.585123	0.54428
0.561797	0.688064	0.624789	0.669472	0.625044	0.611925	0.619313	0.562164	0.731627	0.669876
0.736336	0.76662	0.733447	0.729046	0.666415	0.590148	0.697483	0.670442	1.04353	0.914637
0.926165	0.730201	0.709652	0.552986	0.499931	0.640541	0.707479	0.602296	0.732806	0.827939
0.840657	0.632583	0.622077	0.756604	0.506168	0.614614	0.770229	0.59191	0.504108	0.56364
0.646517	0.710843	1.031135	0.923467	0.690275	0.529948	0.518299	0.456369	0.525546	0.562059

0.720205	0.719845	0.795975	0.836509	0.671492	0.664066	0.584941	0.529854	0.575977	0.598244
0.561012	0.665415	0.577572	0.599511	0.625963	0.74706	0.632347	0.513842	0.537427	0.527929
0.394956	0.676592	0.655798	0.477832	0.566736	0.744628	0.56345	0.54188	0.780156	0.792998
0.71347	0.586729	0.769874	0.611743	0.543307	0.701932	0.765067	0.728463	0.735174	0.85496
0.697078	0.505316	0.449569	0.639177	0.665407	0.600465	0.658645	0.715767	0.534426	0.693784
0.555559	0.431483	0.485551	0.62433	0.510376	0.587606	0.756178	0.741542	0.565412	0.653988
0.747031	0.734884	0.644264	0.710857	0.640932	0.801554	0.749939	0.711241	0.720011	0.680109
0.610799	0.662416	0.514815	0.61441	0.60531	0.690008	0.758699	0.640738	0.76975	0.5765
0.550173	0.518703	0.288033	0.526706	0.654468	0.701932	0.668804	0.543408	0.720011	0.716826
0.820248	0.661421	0.571915	0.646795	1.058978	0.776052	0.65965	0.640738	0.865736	0.759415
0.789996	0.739618	0.710756	0.725577	0.827018	0.814177	0.805368	0.758778	0.790819	0.850338
0.623285	0.556039	0.710756	0.744407	0.671492	0.604837	0.772834	0.721492	0.678501	0.728243
0.673087	0.782088	1.06979	0.760331	0.692413	0.760684	0.72937	0.734359	0.643489	0.779772
0.761715	0.688064	0.895286	0.860975	1.000749	0.692151	0.656642	0.877978	0.706469	0.574059
0.587686	0.742004	0.542427	0.463111	0.747166	0.808521	0.775454	0.653361	0.575155	0.633979
0.646517	0.736062	0.571113	0.410428	0.672514	0.796059	0.661668	0.599676	0.800367	0.736418
0.95432	0.756605	0.778832	0.832071	0.878127	0.764475	0.737722	0.947743	1.015483	1.020796
0.903159	0.654519	0.828068	0.903931	0.785259	0.595276	0.679206	0.837006	0.686917	0.74355
0.486952	0.640088	0.993516	0.870518	0.68921	0.74706	0.798386	0.69576	0.524083	0.730563
0.898018	0.8248	0.891917	0.826223	0.889787	1.180903	0.967252	0.957556	0.752118	0.808027
0.615217	0.748029	0.675729	0.582613	0.613275	0.684694	0.701897	0.884639	0.856221	0.609539
0.62148	0.665415	0.753712	0.607335	0.585595	0.567793	0.56995	0.65732	0.851541	0.851873
0.843653	0.890311	1.057337	0.850101	0.936063	0.85441	0.749939	0.979957	1.380063	0.905841
0.731665	0.662416	0.67471	1.01403	0.811237	0.785274	0.721176	0.951641	0.820119	0.788988
0.678191	0.569501	0.729967	0.903931	0.602687	0.776052	0.795624	0.704539	0.605771	0.766937
0.824541	0.737244	1.123515	1.007368	0.610604	1.045464	0.788796	0.731991	0.74115	0.904103
0.910109	0.717577	0.781425	0.902198	0.735176	0.546533	0.819678	0.912354	0.890476	0.788988
0.675122	0.947831	0.698763	0.559222	0.639033	0.607482	0.73174	0.774117	0.762106	0.65889
0.834727	1.174888	0.88033	0.556093	0.860414	0.871933	0.779414	0.59191	0.76975	0.844251
0.911864	0.740809	1.013026	1.068811	0.928615	1.152081	1.028608	0.806522	0.637761	0.927257
0.688583	0.466198	0.663661	0.925287	0.937945	0.674258	1.057812	0.926905	0.801749	0.947861
0.60992	0.81762	0.96283	0.951607	0.772187	1.091447	1.150015	0.882964	0.900781	1.058708
0.894625	0.921724	1.219083	1.342587	0.852596	0.848209	1.068	0.882964	0.997743	1.018533
0.753089	1.011917	0.740492	0.914478	0.901769	0.561385	0.79288	0.877978	0.948497	0.761908
0.61789	0.902259	0.763586	0.625244	0.908767	0.7532	0.637098	0.780671	1.27782	0.877204
0.737511	0.782088	0.995641	1.034651	1.002934	0.982399	0.832973	0.923221	1.159011	0.940255
0.871585	0.652567	0.825181	0.943923	0.812648	0.929192	0.86406	0.999187	0.780156	0.848808
0.492942	0.631654	0.733447	0.945832	0.637141	0.840581	1.083745	0.979957	0.843851	1.0662
0.765465	0.895391	1.04285	0.961408	0.650557	0.885137	1.00346	1.316237	1.223404	1.528951
0.939077	0.767888	0.790627	1.037004	0.819774	0.296902	0.506115	0.768943	0.895598	0.72364
0.624191	0.885289	0.806871	0.667453	0.641885	0.51255	0.754923	0.628472	0.875463	0.965478
0.929815	1.319773	0.724228	0.771708	1.044275	1.021875	0.928191	0.855437	1.159011	1.146189
0.681283	0.990194	0.869044	0.724427	0.874852	0.865479	0.843602	0.925059	0.709815	0.649139
0.707937	0.628879	0.797322	0.695543	0.610604	0.74706	1.131729	1.033257	0.620103	0.661859
0.776912	0.588406	0.853414	0.898753	0.63432	0.750733	1.388748	0.889702	0.656167	0.76066
0.770515	0.734884	0.872239	1.092281	0.884752	0.504105	0.533837	1.130877	0.854655	0.685318
0.795342	0.861017	0.647119	0.71421	0.748383	0.673228	0.685569	0.751307	0.888782	0.853414

0.527093	0.688064	0.721953	0.61441	0.602687	0.900487	0.561037	0.529854	0.655178	0.820722
0.577796	0.553706	0.76234	0.754137	0.732817	1.026492	0.753672	0.587655	0.777531	1.086836
0.733994	0.564702	0.683964	0.743206	0.797371	0.785274	0.72584	0.58428	0.600516	0.660867
0.711249	0.646763	0.744058	0.531099	0.797371	0.925498	1.010175	0.832518	0.505505	0.734067
0.651317	0.571921	0.808252	0.85318	1.025414	0.953998	0.763786	0.936253	0.633044	0.809419
0.640827	0.682811	0.777541	0.868913	0.908767	0.756926	0.801165	0.903502	0.699853	0.684271
0.623285	0.620658	0.741677	0.582613	0.629657	0.871933	0.911698	0.721492	0.854655	0.898931
0.531465	0.740809	0.669653	0.544554	0.662396	1.208235	0.983916	0.819325	1.089319	1.003013
0.715704	0.626121	0.753712	0.449482	0.639033	0.733849	0.782074	0.876328	0.937011	0.609539
0.744632	0.59009	0.689192	0.835024	0.691343	0.738607	0.86406	0.969631	0.818678	0.787659
0.776912	0.557601	0.999923	0.718721	0.611492	0.837566	1.073185	0.936253	0.749656	1.0662
0.79804	0.676592	0.537207	0.765351	0.627806	0.793338	0.556251	0.663327	0.670246	0.755702
0.554785	0.6382	0.589949	0.5499	0.379356	0.827178	0.579049	0.526898	0.559035	0.581422
0.527818	0.582565	0.634881	0.628916	0.511081	1.075572	0.743787	0.637877	0.76975	0.766937
0.532198	0.617952	0.655798	0.872129	0.677663	0.995163	0.771529	0.807926	0.684797	0.636782
0.56733	0.653542	0.691301	0.616197	0.611492	0.684694	0.569132	0.756273	0.843851	0.677014
0.703561	0.730201	0.748858	0.526706	0.6604	0.636741	0.574062	0.692513	0.657157	0.687419
0.710142	0.684905	0.903822	0.77816	0.802864	0.802938	0.663695	0.678718	0.685856	0.778471
0.615217	0.630727	0.59331	0.67354	0.802864	0.783944	0.508951	0.641697	0.618286	0.678043
0.332306	0.55526	0.5616	0.491724	0.422616	0.611033	0.494264	0.527635	0.531446	0.675987
0.470732	0.552931	0.461858	0.417736	0.438448	0.686812	0.692027	0.653361	0.604013	0.798403
0.624191	0.585059	0.586614	0.428062	0.608832	0.565379	0.606659	0.661316	0.625602	0.69059
0.635211	0.71871	0.572719	0.552212	0.665407	0.510423	0.474108	0.671468	0.772328	0.670888
0.627833	0.547545	0.645214	0.555314	0.414064	0.396071	0.593498	0.54188	0.530704	0.650105
0.673087	0.631654	0.60702	0.556093	0.3942	0.444909	0.567501	0.500474	0.591044	0.632121
0.489604	0.448798	0.393922	0.485054	0.418604	0.548845	0.58749	0.474259	0.442461	0.491565
0.348341	0.443952	0.552292	0.549133	0.316842	0.529209	0.54606	0.473607	0.386886	0.532328
0.448996	0.642936	0.759857	0.646795	0.395821	0.493095	0.523417	0.557398	0.509016	0.633979
0.565742	0.622472	0.545439	0.51805	0.504079	0.479055	0.466301	0.482823	0.554313	0.303868
0.556334	0.607293	0.4237	0.503305	0.610604	0.676325	0.51468	0.4936	0.588497	0.493582
0.547125	0.450629	0.473863	0.630763	0.675596	0.566182	0.607551	0.540359	0.590194	0.573249
0.577796	0.601194	0.509915	0.561585	0.583922	0.51184	0.505409	0.571039	0.583446	0.628428
0.480391	0.552158	0.529129	0.609093	0.387776	0.544234	0.548391	0.433211	0.449167	0.601688
0.494285	0.490315	0.522629	0.514493	0.325503	0.495138	0.57738	0.47622	0.400951	0.543523
0.541842	0.49571	0.535727	0.593522	0.497188	0.467372	0.737722	0.680812	0.489034	0.596532
0.604687	0.676592	0.516225	0.489712	0.439046	0.582568	0.474765	0.552684	0.537427	0.510066
0.319531	0.481031	0.473223	0.497135	0.491753	0.386398	0.542203	0.571039	0.620103	0.435035
0.278382	0.528106	0.550759	0.599511	0.610604	0.571847	0.569132	0.536578	0.568635	0.477052
0.412418	0.506011	0.511309	0.450703	0.502	0.356121	0.57738	0.532083	0.51541	0.462381
0.538107	0.532515	0.555372	0.540022	0.392585	0.271698	0.473452	0.463309	0.444887	0.561271
0.475856	0.495032	0.564748	0.466269	0.397449	0.536657	0.621151	0.488178	0.53818	0.659878
0.523482	0.552158	0.439983	0.427482	0.443252	0.646304	0.612037	0.560569	0.619194	0.56682
0.499697	0.55526	0.349867	0.364954	0.513204	0.621865	0.527852	0.58428	0.646382	0.46616
0.532932	0.556039	0.430024	0.59865	0.631516	0.590998	0.617483	0.579267	0.487018	0.499008
0.446579	0.624293	0.688141	0.627995	0.641885	0.58007	0.457998	0.48017	0.525546	0.492236
0.588521	0.552931	0.531317	0.495098	0.513914	0.40099	0.452342	0.414623	0.497191	0.512171
0.602957	0.460529	0.580838	0.61263	0.549432	0.403194	0.61294	0.512416	0.568635	0.593129

0.597807	0.627039	0.555372	0.602103	0.593203	0.525533	0.541436	0.680812	0.678501	0.507971
0.373053	0.563908	0.659711	0.433319	0.47911	0.594417	0.492206	0.643619	0.706469	0.519979
0.480391	0.501861	0.483581	0.489044	0.466189	0.58508	0.557045	0.563764	0.457228	0.584735
0.623285	0.470019	0.364061	0.472012	0.506866	0.691078	0.592635	0.497711	0.289963	0.574871
0.46441	0.516562	0.509915	0.406544	0.459869	0.55664	0.457366	0.481494	0.475117	0.63866
0.550173	0.461782	0.365557	0.648721	0.6223	0.497191	0.547613	0.620179	0.517562	0.5765
0.697078	0.543739	0.580838	0.580959	0.495142	0.457245	0.68026	0.595345	0.56062	0.60516
0.727045	0.890311	0.668648	0.524526	0.606188	0.601336	0.590055	0.553466	0.611091	0.612187
0.503114	0.722125	0.644264	0.449482	0.625963	0.834573	0.698582	0.4936	0.593607	0.813623
0.561797	0.616157	0.514815	0.404339	0.594912	0.652144	0.718863	0.571039	0.63871	0.542768
0.649391	0.637259	0.627518	0.602103	0.838867	0.888501	0.772834	0.661316	0.656167	0.527929
0.504489	0.479721	0.811028	0.562375	0.641885	0.660056	0.575718	0.577609	0.625602	0.507275
0.610799	0.601194	0.551525	0.661449	0.589805	0.494456	0.584941	0.603173	0.533679	0.505886
0.682318	0.611702	0.5616	0.558438	0.475193	0.487693	0.692027	0.753783	0.633044	0.691652
0.744632	0.630727	0.663661	0.546075	0.575653	0.758175	0.714274	0.676634	0.693337	0.661859
0.642716	0.562322	0.61404	0.508164	0.631516	0.656082	0.815335	0.595345	0.495821	0.731728
0.577796	0.574354	0.591626	0.441624	0.767066	0.659059	0.634241	0.881295	0.487018	0.476404
0.583538	0.631654	0.648075	0.532574	0.595769	0.682586	0.639974	0.742751	0.475769	0.541261
0.51635	0.513723	0.571113	0.669472	0.594912	0.692151	0.546836	0.604932	0.425262	0.585567
0.61433	0.556819	0.507139	0.604711	0.60008	0.538162	0.506115	0.689291	0.651247	0.602553
0.837682	0.657464	0.522629	0.611743	0.524705	0.545765	0.620231	0.656327	0.673324	0.70133
0.689635	0.67046	0.678799	0.518764	0.471956	0.606598	0.64287	0.54494	0.620103	0.692717
0.533668	0.495032	0.661682	0.627076	0.557212	0.582568	0.575718	0.619267	0.644451	0.693784
0.593561	0.676592	0.562385	0.359467	0.725817	0.580901	0.487441	0.589352	0.635868	0.551921
0.778203	0.720984	0.611394	0.510966	0.674566	0.653125	0.543742	0.445856	0.485012	0.593977
0.527818	0.525918	0.633029	0.46945	0.716655	0.626459	0.597841	0.651395	0.524814	0.486231
0.630585	0.737244	0.5546	0.426324	0.588116	0.515401	0.664712	1.047671	0.760844	0.633979
0.814588	0.796767	0.572719	0.691265	0.589805	0.513261	0.667777	0.739134	0.797618	0.74837
0.543345	0.649655	0.544684	0.613519	0.510376	0.605717	0.640937	0.49088	0.575977	0.655942
0.485631	0.470019	0.67268	0.568749	0.491078	0.721029	0.630461	0.532083	0.760844	0.659878
0.558667	0.740809	0.709652	0.611743	0.609717	0.776052	0.86085	0.638829	0.642529	0.779772
0.534405	0.584226	0.650955	0.732543	0.571577	0.577587	0.671899	0.538086	0.53818	0.60516
0.43411	0.523017	0.354223	0.58594	0.538018	0.524801	0.409562	0.443418	0.606653	0.498326
0.519902	0.61437	0.604416	0.526706	0.548662	0.62278	0.544513	0.741542	0.69767	0.692717
0.868392	0.821914	0.687093	0.583442	0.489732	0.643413	0.715417	0.611145	0.536675	0.782385
0.88131	0.727878	0.714085	0.609975	0.339065	0.443089	0.655643	0.540359	0.444887	0.574871
0.709038	0.75537	0.750067	0.552986	0.430753	0.641496	0.632347	0.511704	0.626526	0.662853
0.56337	0.684905	0.77497	0.536282	0.545594	0.692151	0.661668	0.533576	0.652226	0.650105
0.549409	0.512311	0.576759	0.652598	0.409012	0.636741	0.667777	0.604932	0.674354	0.741159
0.535882	0.556819	0.615814	0.559222	0.541789	0.710814	0.614751	0.640738	0.640616	0.507275
0.668043	1.061414	0.951138	0.732543	0.675596	0.703032	0.562644	0.742751	0.942716	0.683227
0.810392	0.800859	0.820887	0.826223	0.469383	0.481695	0.76764	0.594484	0.590194	0.61042
0.811786	0.498433	0.532049	0.77816	0.640932	0.529948	0.802562	0.660313	0.451631	0.620232
0.58189	0.545257	0.633954	0.51805	0.470025	0.744628	0.748701	0.562963	0.666177	0.70351
0.693873	0.541471	0.659711	0.627995	0.522525	0.545765	0.660658	0.774117	0.730452	0.739969
0.546366	0.545257	0.503694	0.567147	0.601816	0.541187	0.472797	0.572672	0.588497	0.555792
0.524923	0.585059	0.547711	0.393482	0.706574	0.633912	0.497024	0.526898	0.723463	0.593129

0.583538	0.907481	0.808252	0.615303	0.777369	0.770869	0.698582	0.724964	1.06837	1.0662
0.668043	0.713076	0.790627	0.847044	0.536518	0.629239	0.622997	0.813588	0.678501	0.735241
0.628749	0.531777	0.555372	0.84857	0.694562	0.680489	0.832973	0.722646	0.503411	0.612187
0.472646	0.432068	0.618487	0.595224	0.537267	0.840581	0.743787	0.609361	0.58011	0.74355
0.650352	0.582565	0.780127	0.819023	0.566736	0.693227	0.627647	0.737936	0.681638	0.642442
0.649391	0.619754	0.571915	0.729046	0.640932	0.652144	0.596098	0.650416	0.591897	0.539759
0.494958	0.562322	0.633029	0.441026	0.641885	0.598728	0.565876	0.51671	0.713187	0.566023
0.722473	0.844042	0.752494	0.439235	0.67974	0.708576	0.756178	0.606698	0.842329	0.74355
0.793999	0.709731	0.782728	0.653572	0.558785	0.637688	0.751179	0.784652	0.571883	0.496965
0.723611	0.675564	0.716318	0.829137	0.703265	0.555854	0.740138	0.828075	0.532933	0.452459
0.887917	0.615263	0.771142	0.717589	0.357999	0.701932	0.890639	0.761297	0.683742	0.61933
0.765465	0.606416	0.652886	0.684926	0.420319	0.568601	0.711997	0.731991	0.737554	0.532328
0.630585	0.498433	0.617594	0.677646	0.495823	0.623697	0.555459	0.533576	0.72811	0.639602
0.489604	0.585893	0.694483	0.567947	0.458616	0.55664	0.572412	0.427902	0.79899	0.69916
0.723611	0.761584	0.67471	0.57685	0.709908	0.817033	0.761235	0.566175	0.65027	0.665849
0.742245	0.531777	0.666646	0.417736	0.702167	0.600465	0.626713	0.56779	0.535924	0.5765
0.65617	0.428566	0.575139	0.444027	0.616862	0.513261	0.717711	0.699031	0.554313	0.728243
0.584364	0.507403	0.729967	0.687029	0.705468	0.645338	0.695292	0.681863	0.624681	0.825038
0.733994	0.816198	0.560817	0.659467	0.878127	0.836067	0.661668	0.720341	0.652226	0.5765
0.503801	0.608171	0.553829	0.621602	0.657424	0.624615	0.586639	0.617449	0.628378	0.729402
0.591034	0.49571	0.646165	0.546837	0.443252	0.802938	0.716563	0.590203	0.709815	0.706801
1.046908	0.786042	0.808252	0.677646	0.599214	0.897028	0.9135	0.847662	0.803135	0.688473
0.65617	0.664413	0.56633	0.65651	0.640932	0.63017	0.608444	0.588503	0.524814	0.482931
0.587686	0.53697	0.458135	0.627076	0.594057	0.34294	0.494952	0.603173	0.486348	0.550382
0.63801	0.546781	0.56633	0.784709	0.562742	0.259624	0.661668	0.837006	0.677461	0.597387
0.637075	0.680728	0.653854	0.776862	0.787922	0.705241	0.525629	0.741542	0.653208	0.532328
0.52133	0.556039	0.677773	0.620697	0.630586	0.611033	0.640937	0.691437	0.591044	0.574871
0.520616	0.427404	0.698763	0.717589	0.428997	0.61282	0.638055	0.529113	0.517562	0.662853
0.616106	0.585059	0.822314	0.840992	0.582256	0.527735	0.568315	0.548021	0.568635	0.545798
0.786029	0.918119	0.66267	0.652598	0.647647	0.699739	0.495642	0.596208	0.644451	0.585567
0.468192	0.742004	0.527676	0.577669	0.664401	0.535906	0.600468	0.609361	0.555882	0.522132
0.56495	0.576801	0.514112	0.592673	0.688148	0.513973	0.698582	0.829551	0.683742	0.548084
0.498338	0.49571	0.571113	0.554536	0.60531	0.590148	0.556251	0.574311	0.626526	0.532328
0.583538	0.488976	0.435268	0.503995	0.503385	0.515401	0.57159	0.482823	0.36357	0.52939
0.609044	0.517988	0.622979	0.609093	0.439046	0.639587	0.73174	0.643619	0.594465	0.72364
0.764211	0.734884	0.664654	0.658479	0.527628	0.671175	0.468888	0.622925	0.794885	0.558132
0.545609	0.567896	0.633029	0.482414	0.534278	0.651165	0.559436	0.602296	0.661143	0.464897
0.527093	0.537717	0.556146	0.456863	0.578942	0.632974	0.631403	0.620179	0.519725	0.271572
0.705744	0.743202	0.59331	0.665442	0.713268	0.682586	0.628583	0.658316	0.640616	0.558915
0.49027	0.621564	0.652886	0.676616	0.601816	0.682586	0.610237	0.606698	0.504108	0.477701
0.544098	0.570306	0.429445	0.601237	0.466826	0.475126	0.547613	0.522502	0.545788	0.446976
0.565742	0.422217	0.431184	0.568749	0.483725	0.508307	0.635192	0.780671	0.754593	0.580598
0.388058	0.565498	0.55306	0.661449	0.659406	0.620041	0.594363	0.666362	0.541208	0.620232
0.420852	0.436783	0.463106	0.568749	0.521801	0.539672	0.494264	0.457622	0.521173	0.827939
0.514234	0.482345	0.562385	0.35307	0.499244	0.525533	0.488119	0.453872	0.771037	0.773307
0.523482	0.599467	0.660695	0.468812	0.67974	0.676325	0.652662	0.607584	0.944635	0.911097
0.640827	0.53104	0.659711	0.51948	0.606188	0.487693	0.582406	0.54957	0.639662	0.597387

0.524202	0.553706	0.576759	0.516624	0.53577	0.432914	0.466946	0.502558	0.595324	0.418282
0.591034	0.619754	0.7152	0.677646	0.659406	0.566182	0.657642	0.761297	0.58011	0.510767
0.764211	0.681769	0.820887	0.571164	0.541032	0.673228	0.718863	0.574311	0.504806	0.47511
0.600374	0.464932	0.532049	0.579311	0.499931	0.549618	0.56345	0.456369	0.562212	0.624766
0.616106	0.510903	0.529129	0.528897	0.366011	0.606598	0.591773	0.426731	0.653208	0.5765
0.480391	0.526646	0.649033	0.639177	0.456743	0.751965	0.840539	0.678718	0.685856	0.591437
0.555559	0.491657	0.407455	0.534054	0.439644	0.487022	0.542203	0.585964	0.713187	0.555015
0.47974	0.458033	0.43293	0.439831	0.465552	0.56059	0.518299	0.561366	0.632107	0.498326
0.316396	0.570306	0.494864	0.4016	0.631516	0.661055	0.522682	0.64555	0.818678	0.794343
0.569723	0.754138	0.841302	0.645836	0.671492	0.700834	0.545286	0.708995	0.613775	0.629348
0.670054	0.569501	0.534252	0.501238	0.641885	0.521887	0.597841	0.672496	0.476423	0.31534
0.579429	0.542981	0.479668	0.554536	0.537267	0.557427	0.466301	0.407853	0.483014	0.620232
0.639886	0.452468	0.595848	0.55144	0.41125	0.670152	0.707479	0.664337	0.583446	0.756936
0.728195	0.485648	0.514815	0.710857	0.401269	0.494456	0.633293	0.597939	0.568635	0.525746
0.519189	0.647725	0.473223	0.600373	0.513914	0.63017	0.584941	0.545708	0.639662	0.631195
0.384388	0.542225	0.477078	0.55376	0.565934	0.664066	0.622997	0.661316	0.773623	0.777175
0.416896	0.525191	0.522629	0.552986	0.556428	0.578413	0.61566	0.704539	0.519725	0.558132
0.551705	0.518703	0.42256	0.568749	0.607949	0.455996	0.552303	0.643619	0.568635	0.482931
0.568924	0.408679	0.413545	0.644878	0.48839	0.352174	0.686639	0.569412	0.539691	0.649139
0.537364	0.418224	0.527676	0.539272	0.526895	0.477086	0.72819	0.655336	0.653208	0.545798
0.626009	0.610817	0.496886	0.29981	0.540277	0.494456	0.565065	0.630337	0.529224	0.528659
0.597807	0.447581	0.570312	0.48771	0.4135	0.509011	0.638055	0.624767	0.536675	0.524297
0.668043	0.418224	0.667646	0.52963	0.494462	0.714193	0.589198	0.548795	0.604891	0.594827
0.799395	0.652567	0.685005	0.722135	0.757002	0.557427	0.608444	0.538842	0.655178	0.644345
0.610799	0.665415	0.679827	0.680751	0.77477	0.551169	0.60934	0.712368	0.545021	0.5864
0.714586	0.644845	0.584956	0.716459	0.649585	0.446737	0.745011	0.651395	0.532189	0.528659
0.836202	0.806374	0.735782	0.765351	0.723508	0.59356	0.770229	0.832518	0.748431	0.503811
0.722473	0.796767	0.859598	0.644878	0.731642	0.668114	0.695292	0.609361	0.710936	0.599963
0.754311	0.67969	0.800029	0.80497	0.680782	0.797426	0.724669	0.59191	0.604891	0.72022
1.214727	0.665415	1.156167	1.04414	0.869986	0.961925	0.740138	0.776727	0.669225	0.574059
0.849707	1.134664	0.823745	0.847044	1.290505	0.976155	0.859253	0.784652	0.966317	0.721357
0.874803	0.96749	0.78666	0.890256	1.1321	1.324838	1.399671	1.052584	0.890476	0.631195
1.20772	1.338264	0.813822	1.319377	0.943641	0.802938	0.973426	1.067665	1.36462	0.873955
0.913626	1.46961	1.332443	1.041748	0.831424	0.698647	0.649701	0.679764	0.860952	1.068727
0.884601	0.83803	0.862724	0.833545	0.797371	0.621865	0.771529	0.843063	0.624681	0.92909
1.190681	0.965483	0.808252	0.905672	1.027727	1.021875	1.02803	1.344327	1.385335	1.301004
1.076707	1.746043	0.936023	0.895334	1.599076	1.034185	1.769347	1.412242	1.335292	0.864354
0.854303	1.039507	1.106689	1.276377	1.625816	1.040642	0.734123	0.908792	1.316785	0.682185
0.751871	1.347814	1.077438	1.143407	1.071623	0.95993	0.806778	1.096752	1.64646	1.271734
1.122761	2.349555	1.309907	0.754137	0.694562	1.019585	0.867295	0.874685	1.045951	1.48057
0.759233	0.819047	0.91784	0.800842	0.759496	0.900487	0.835983	0.85231	0.952394	0.873955
1.375276	0.861017	0.494192	0.923467	1.002934	0.789287	1.035727	1.017025	1.159011	0.654964
1.907246	1.137629	0.903822	1.342587	1.729116	1.022642	1.323747	1.119202	1.424147	1.029968
0.970117	1.125888	1.288484	0.807744	1.009557	1.440408	0.930063	1.233894	1.591965	1.122612
0.669047	1.509752	1.175068	0.761581	1.069064	1.311217	1.014711	0.884639	1.307819	1.626959
1.051735	2.606381	1.693505	1.076494	1.282091	1.49144	1.458834	0.900011	1.086645	1.455165
1.472237	0.893691	1.323288	0.963395	0.791946	0.736221	1.016996	1.294142	1.242065	1.255853

2.833199	1.08186	0.841302	0.965391	0.971257	0.974093	1.08108	1.768686	1.058263	0.817869
1.304664	1.10885	1.233576	2.394599	1.952991	1.128286	1.527347	1.441478	1.720103	1.267708
0.803486	1.066436	1.184016	1.034651	1.175491	1.333616	1.732121	1.197922	1.493148	1.507553
0.846669	1.495955	1.775072	1.134457	0.818339	1.05527	1.491741	0.794085	1.345535	2.496558
1.214727	1.355341	2.162626	1.438212	1.51309	1.154013	1.104641	0.949363	1.284469	2.245833
1.736759	0.809159	0.864296	1.823733	0.987864	1.252756	1.905131	1.027002	1.223404	1.741636
1.032742	1.649037	0.759857	0.826223	1.527511	2.291811	0.832973	1.959146	1.125203	1.018533
1.441406	1.630135	1.346547	1.152545	1.242599	1.20421	1.299905	0.863353	0.970378	1.675372
1.049314	1.061414	1.319575	1.319377	1.165821	1.49144	1.254954	1.3956	1.27782	2.03792
0.940954	1.319773	2.132413	1.125688	0.97535	1.973189	1.210004	0.776727	1.349708	1.086836
0.854303	1.620984	1.801498	1.01403	0.893177	1.478109	1.608731	1.161517	2.097662	1.275796
0.934655	0.886957	1.06979	2.29855	1.005131	0.848209	0.99904	1.06258	0.993419	1.346569
0.982354	1.143621	1.292685	1.025365	1.778465	1.285193	0.669833	0.855437	2.000096	1.467682
0.780796	1.333567	1.013026	0.820453	2.949878	1.293696	1.25121	1.600374	1.458361	1.44904
1.005725	0.6382	0.997777	1.208309	0.928615	0.948147	1.00346	0.85231	1.396074	1.559228
1.066545	0.900531	1.252399	0.85318	0.681827	0.974093	0.825537	0.668397	0.753354	1.402917
0.749444	0.572731	0.956945	0.876998	0.519636	1.268672	1.206444	0.94196	0.895598	1.419644
0.926165	1.089782	0.597548	0.985872	0.930465	1.289424	1.089122	1.486028	0.978616	0.795692
0.762961	0.870564	0.69984	0.824773	1.007338	0.750733	0.9135	0.908792	1.033978	0.802501
0.545609	0.737244	0.939753	0.61441	0.787922	1.057756	0.693113	0.706761	0.916712	0.820722
0.682318	0.957549	0.96283	0.661449	0.711025	0.58508	0.555459	0.667379	0.782798	0.996527
0.927987	0.569501	0.91253	0.830601	0.874852	0.74706	0.763786	0.735548	0.518282	0.72022
0.968111	0.833575	0.534252	0.771708	0.688148	0.6722	1.014711	0.765103	0.507608	0.74355
0.722473	0.63632	0.767348	0.711971	0.701073	0.778667	0.931943	0.758778	0.707582	1.116912
0.800754	0.621564	0.51764	0.570357	0.941734	0.801554	0.548391	0.618357	0.689046	0.510066
0.508638	0.473874	0.435268	0.394556	0.45364	0.621865	0.704122	0.810748	0.640616	0.534544
0.652283	0.604669	0.576759	0.491052	0.405123	0.652144	0.657642	0.438585	0.639662	0.646256
0.62148	0.720984	0.90555	0.881923	0.733995	1.285193	1.111325	0.700127	0.784124	0.783698
0.705744	0.796767	0.623883	0.645836	0.711025	0.568601	0.655643	1.142875	0.821565	0.60342
0.458178	0.883628	0.677773	0.687029	0.754522	0.681536	0.473452	0.636927	0.694416	0.530856
0.743437	0.69338	0.467503	0.851638	0.676628	0.552725	0.61294	0.529113	0.731627	0.574059
1.149276	0.844042	0.639547	0.742008	0.725817	0.73149	0.613845	0.521774	0.772328	0.596532
0.715704	0.59178	0.679827	0.460601	0.607067	0.573479	0.556251	0.49088	0.390092	0.491565
0.49766	0.45617	0.680858	0.683879	0.60531	0.481695	0.73174	0.5686	0.514695	0.745953
0.517058	0.466198	0.865873	0.780768	0.716655	0.698647	0.775454	0.742751	0.508312	0.490225
0.854303	0.796767	0.618487	0.514493	0.45364	0.558216	0.544513	0.602296	0.677461	0.500375
0.485631	0.582565	0.503009	0.436859	0.434288	0.638636	0.549171	0.514557	0.690115	0.389772
0.44298	0.489645	0.539437	0.521635	0.584758	0.541187	0.480724	0.799568	0.79217	0.620232
0.712358	0.681769	0.747653	0.602103	0.602687	0.857544	0.572412	0.47622	0.393321	0.646256
0.558667	0.575168	0.63861	0.493745	0.46365	0.476432	0.54606	0.608472	0.385292	0.399974
0.535143	0.431483	0.435268	0.546837	0.504774	0.247105	0.441245	0.555035	0.483014	0.449405
0.45571	0.454932	0.529129	0.756604	0.701073	0.626459	0.607551	0.742751	0.709815	0.648176
0.584364	0.653542	0.646165	0.558438	0.549432	0.502713	0.602228	0.429076	0.426426	0.556571
0.404692	0.45617	0.589113	0.55376	0.414064	0.528471	0.585789	0.345392	0.487018	0.56922
0.467559	0.525918	0.570312	0.447656	0.557212	0.563777	0.478065	0.481494	0.726943	0.567618
0.587686	0.626121	0.592467	0.571164	0.456743	0.599596	0.525629	0.462674	0.72462	0.758174
0.611679	0.496389	0.43293	0.487044	0.315941	0.468013	0.625781	0.641697	0.610199	0.439177

0.590194	0.545257	0.453831	0.429225	0.575653	0.55664	0.463729	0.573491	0.541968	0.517123
0.670054	0.520136	0.575948	0.463741	0.753287	0.711937	0.670865	0.768943	0.831823	0.643392
0.804858	0.772998	0.759857	0.449482	0.590652	0.639587	0.532333	0.558981	0.572699	0.436805
0.495632	0.486976	0.579202	0.672519	0.550977	0.446737	0.525629	0.467143	0.502716	0.571633
0.362999	0.464932	0.649993	0.5499	0.442046	0.703032	0.541436	0.496336	0.464805	0.791657
0.771787	0.729038	0.805494	0.639177	0.436066	0.713063	0.747468	0.627543	0.492414	0.577316
0.509334	0.536224	0.489518	0.559222	0.493105	0.527735	0.447993	0.444635	0.521173	0.498326
0.319531	0.490986	0.571915	0.660457	0.541789	0.611033	0.569132	0.458251	0.785455	0.644345
0.440597	0.800859	0.769874	0.760331	0.60531	0.610142	0.673974	0.604932	0.483014	0.583075
0.634282	0.5102	0.516225	0.379243	0.650557	0.440071	0.524153	0.408413	0.401502	0.435035
0.704651	0.570306	0.417466	0.47979	0.464283	0.485017	0.469537	0.51743	0.471868	0.566023
0.537364	0.450018	0.728813	0.582613	0.533534	0.639587	0.765067	0.570224	0.670246	0.704604
0.496307	0.589247	0.71744	0.659467	0.732817	0.498565	0.405058	0.605814	0.559827	0.731728
0.541842	0.506011	0.678799	0.556873	0.344323	0.427038	0.438817	0.664337	0.507608	0.951715
0.541842	0.531777	0.649033	0.674563	0.422616	0.836067	0.86406	1.152096	0.777531	0.944042
0.661077	0.567095	0.519771	0.699864	0.680782	0.582568	0.657642	0.690362	0.718866	0.548848
0.683356	0.775575	0.560035	0.628916	0.779983	0.624615	0.589198	0.783321	0.851541	0.731728
0.731665	0.868958	0.627518	0.845523	0.715523	0.497878	0.679206	0.665348	0.665165	0.648176
1.037413	1.131719	0.881967	0.774277	0.923111	0.81134	0.52711	0.587655	0.71545	0.799765
0.636142	0.710843	0.686048	0.558438	0.730471	0.7683	0.77677	0.832518	0.685856	1.116912
0.607296	0.381239	0.655798	1.204823	0.601816	0.606598	1.202914	0.93062	0.862541	1.229386
0.842152	0.783402	1.02883	1.158746	1.082011	1.057756	1.128754	1.110647	1.04353	0.584735
1.02128	1.194789	1.064766	0.729046	0.955262	1.565026	0.95516	0.912354	1.053296	0.783698
1.019023	1.188053	0.793293	0.759085	0.985753	0.81134	0.661668	1.177688	1.031623	0.63027
1.039767	0.767888	0.666646	1.204823	0.97535	0.739804	0.772834	0.940049	0.946562	1.122612
0.73869	0.835055	0.854952	0.569552	0.320923	0.588452	0.596098	0.587655	0.661143	0.674962
0.624191	0.737244	0.444151	0.562375	0.501309	0.375896	0.679206	0.713498	0.679544	0.517835
0.725897	0.557601	0.470036	0.584273	0.638086	0.555069	0.545286	0.589352	0.628378	0.613962
0.780796	0.902259	0.553829	0.683879	0.561155	0.589299	0.400601	0.526162	0.509722	0.485569
0.376628	0.538465	0.675729	0.558438	0.390976	0.445518	0.414112	0.415192	0.51541	0.480962
0.527818	0.51585	0.541678	0.398877	0.630586	0.493095	0.474765	0.578437	0.654192	0.735241
0.63801	0.709731	0.729967	0.558438	0.673539	0.51184	0.504	0.400086	0.331958	0.550382
0.394421	0.40316	0.542427	0.476532	0.435472	0.506201	0.40394	0.375501	0.488361	0.362022
0.411306	0.360869	0.353737	0.339603	0.300021	0.358108	0.292261	0.409536	0.386354	0.342552
0.410751	0.36941	0.318746	0.441026	0.304824	0.488365	0.360395	0.440391	0.365592	0.37619
0.407986	0.470659	0.377194	0.430391	0.397449	0.445518	0.377924	0.323644	0.276134	0.369048
0.43941	0.350059	0.423129	0.422869	0.302634	0.245181	0.286682	0.290367	0.361055	0.372094
0.374581	0.413706	0.377707	0.360956	0.464283	0.40154	0.411263	0.320428	0.485012	0.533065
0.341194	0.333866	0.42829	0.450703	0.303072	0.407636	0.390737	0.248462	0.342882	0.373625
0.415772	0.376056	0.321444	0.346284	0.209783	0.304317	0.271597	0.394622	0.31449	0.392968
0.38964	0.379678	0.257398	0.327002	0.298288	0.306522	0.23225	0.295523	0.310007	0.312221
0.401422	0.419361	0.384433	0.316997	0.371607	0.3415	0.332509	0.34105	0.29167	0.307805
0.277157	0.284429	0.324612	0.35307	0.307025	0.307851	0.405619	0.274845	0.327292	0.21945
0.178372	0.356907	0.314286	0.325624	0.273494	0.430554	0.454847	0.299867	0.2356	0.365019
0.299757	0.420501	0.373619	0.40544	0.254318	0.288337	0.297912	0.232846	0.190665	0.282211
0.293784	0.281104	0.268435	0.18405	0.271051	0.293885	0.242142	0.366756	0.262331	0.344461
0.405787	0.352493	0.298601	0.231574	0.342882	0.316361	0.324993	0.348799	0.206536	0.357565

0.425418	0.423364	0.435268	0.328846	0.369055	0.277863	0.329676	0.292508	0.300305	0.260399
0.344991	0.32737	0.213743	0.327923	0.342404	0.262012	0.217095	0.292079	0.337148	0.316683
0.269477	0.383854	0.234284	0.357488	0.228524	0.374343	0.329676	0.400636	0.269584	0.227045
0.331843	0.326909	0.337056	0.365456	0.223034	0.244797	0.166407	0.252358	0.262331	0.280557
0.2549	0.3886	0.266443	0.260981	0.302634	0.287913	0.227015	0.273199	0.370178	0.305177
0.278382	0.38543	0.356662	0.436267	0.293129	0.28077	0.301868	0.242301	0.351138	0.270764
0.345468	0.307563	0.237618	0.340077	0.365002	0.266424	0.301868	0.337227	0.340006	0.353641
0.297187	0.205315	0.291808	0.360956	0.365002	0.464182	0.518299	0.496336	0.46993	0.486894
0.373562	0.301013	0.489518	0.503995	0.506168	0.392283	0.518299	0.431434	0.354089	0.382928
0.444776	0.270875	0.346987	0.246601	0.35949	0.342459	0.35189	0.379153	0.472515	0.430931
0.373053	0.375027	0.293919	0.293802	0.259428	0.461647	0.46824	0.481494	0.513268	0.480962
0.440003	0.450629	0.44595	0.40544	0.31146	0.414385	0.444913	0.443418	0.575977	0.240758
0.430612	0.409234	0.340813	0.366463	0.440843	0.372795	0.423359	0.624767	0.524814	0.423986
0.443578	0.493004	0.416904	0.394556	0.365002	0.346804	0.620231	0.555821	0.494455	0.401062
0.454482	0.431483	0.489518	0.50677	0.497872	0.460385	0.507531	0.555821	0.462264	0.381363
0.507944	0.504623	0.347945	0.485054	0.498557	0.45475	0.44003	0.49909	0.400402	0.451235
0.434696	0.337622	0.461858	0.43156	0.328739	0.565379	0.248344	0.486833	0.483679	0.648176
0.417459	0.248416	0.543178	0.465003	0.418604	0.549618	0.488797	0.479509	0.21829	0.353641
0.56337	0.465564	0.450176	0.439831	0.449333	0.549618	0.40618	0.384956	0.440047	0.321644
0.501744	0.540717	0.375658	0.344365	0.41013	0.504803	0.54067	0.580099	0.793525	0.620232
0.541093	0.5102	0.380799	0.521635	0.583088	0.58007	0.628583	0.62569	0.65027	0.552692
0.549409	0.6382	0.494864	0.479136	0.486385	0.546533	0.511091	0.551124	0.483679	0.371077
0.407986	0.407569	0.349867	0.313416	0.424347	0.364125	0.551518	0.551904	0.406485	0.519979
0.391758	0.389131	0.475789	0.531836	0.553305	0.404854	0.483398	0.448921	0.358554	0.404891
0.476501	0.486312	0.454443	0.357488	0.336697	0.457871	0.383217	0.28654	0.311794	0.352178
0.383866	0.393399	0.461235	0.421151	0.390976	0.553505	0.456735	0.326884	0.308671	0.314893
0.530733	0.426246	0.430024	0.397793	0.628731	0.482357	0.432806	0.598807	0.611983	0.492909
0.429452	0.504623	0.612275	0.513785	0.593203	0.473175	0.423943	0.485492	0.566215	0.609539
0.51003	0.710843	0.612275	0.783391	0.798738	0.596136	0.686639	0.765103	0.808723	0.598244
1.184048	0.996598	0.60615	0.703132	0.827018	0.907487	0.928191	0.828075	0.800367	0.825038
2.00433	1.294252	1.762439	0.811939	0.667426	1.29801	1.582675	0.815015	0.911336	0.975583
1.030425	1.404456	1.615885	0.807744	0.898312	1.384044	1.617775	0.812165	1.216158	1.305351
1.390889	1.314222	1.398776	1.393097	1.993915	1.864775	1.291728	1.005789	0.908977	1.332391
1.191138	1.237555	1.473274	1.657769	2.08954	1.694911	1.199412	0.416486	0.788417	0.667858
1.426799	1.746043	1.072325	1.125688	1.67634	2.387014	0.832973	0.62473	0.728137	1.392113
1.81369	1.668799	1.607089	1.744744	1.629231	1.533423	1.259142	1.264984	0.280695	1.341792
0.940954	1.509752	1.558421	1.97814	1.582123	1.484724	0.908117	1.543255	0.890476	1.897904
1.214727	0.978101	1.253064	1.272302	1.435377	1.171747	1.328235	1.686943	1.547357	1.378178
0	1.233826	1.015249	1.134156	0.82089	3.234247	0.732359	0.439422	2.401986	1.551459
0	0	1.397175	0.507624	0.664257	0.29297	0.146485	0.109864	0.054932	0
0	0	0	1.215366	0.585941	0.439456	0.073243	0	0	0
0	0	0	0	2.440387	3.234247	0.036621	0	0	0
1.309031	0	0	1.079516	1.089968	0.534532	0.018311	0	0	0
0	0.521425	1.309907	2.219944	1.069064	0.267266	0	0	0	0
1.983099	0.260712	1.04285	1.13742	0.534532	0.133633	0	0	0	0
0	0.727694	1.029049	1.248625	0.267266	0	0	0	0	0
0.611347	0.844042	1.015249	2.069523	1.075425	0.558531	0.279265	0.392735	1.033978	0.735241

1.177515	1.174888	1.499651	2.219944	1.717608	0.902226	0.849795	0.959545	0.506205	0.501746
0.336961	0.551386	0.997777	1.252482	1.063992	0.407078	0.458631	0.51743	0.554313	0.473177
0.150079	0.184605	0.323705	0.448872	0.630586	0.506902	0.55309	0.442811	0.621929	0.404342
0.325872	0.294559	0.32918	0.37204	0.466189	0.41552	0.452342	0.377584	0.726943	0.33267
0.431193	0.459903	0.468768	0.637293	0.898312	0.950088	0.868922	0.953604	1.374854	0.732896
0.715704	0.652567	0.355197	0.476532	0.932323	0.914602	0.649701	0.708995	0.633983	0.44396
0.761715	0.739618	0.648075	0.609975	0.461755	0.496506	0.42161	0.525428	0.462264	0.597387
0.380232	0.164838	0.475146	0.355519	0.276363	0.420666	0.317605	0.397892	0.46608	0.459256
0.347382	0.28778	0.358623	0.289983	0.41069	0.3415	0.361407	0.298124	0.396575	0.298244
0.362999	0.363864	0.429445	0.248901	0.397992	0.37228	0.343547	0.359684	0.462898	0.519263
0.214247	0.262862	0.252753	0.223162	0.405677	0.651165	0.754923	0.780671	0.179842	0.089921
0.43411	0.585893	0.548471	0.567947	1.312281	0.202838	0.101419	0	0	0
0.122721	0.061361	0.03068	0.01534	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

150	151	152	153	154	155	156	157	158	159
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
2.631053	0.447652	0.223826	0.499245	1.322758	1.202378	0.463509	0.231754	0.115877	0.057939
0.895304	1.135581	1.455734	0.859869	0.774663	1.357404	0.927018	0.975783	1.750403	1.320311
1.178494	0.961478	0.726158	0.668895	0.839388	1.053589	0.636694	0.52429	0.594577	0.571908
0.693116	0.579775	0.676353	0.648694	0.888606	0.78032	0.768432	0.679302	0.765951	0.611094
0.605223	0.441999	0.454529	0.712538	0.714837	0.430673	0.570185	0.684626	0.614122	0.621926
0.672216	0.649627	0.612716	0.629341	0.611685	0.371222	0.693693	0.804834	0.393154	0.581795
0.700675	0.746051	0.530097	0.441694	0.623788	0.486141	0.725864	0.862156	0.590255	0.673289
0.474137	0.446845	0.541944	0.633143	0.565561	0.411498	0.368518	0.750446	0.677612	0.54049
0.583063	0.473859	0.74973	0.633143	0.363302	0.481984	0.58718	0.55657	0.595447	0.65912
0.590607	0.629688	0.682535	0.557137	0.417315	0.585858	0.591535	0.563811	0.499045	0.646365
0.517624	0.720151	0.479152	0.509371	0.434066	0.523934	0.575214	0.317305	0.324565	0.404915
0.503561	0.570769	0.347375	0.470918	0.415557	0.4469	0.493254	0.545541	0.51829	0.363682
0.56198	0.484356	0.460089	0.544499	0.516431	0.545735	0.527368	0.683556	0.483972	0.398858
0.550267	0.421412	0.447225	0.570153	0.426208	0.4174	0.450731	0.551809	0.557145	0.698708
0.625814	0.461085	0.576296	0.718308	0.72188	0.522418	0.441959	0.706603	0.764664	0.494517
0.404949	0.451129	0.499771	0.428384	0.53681	0.649907	0.680603	0.928211	0.947281	0.515463
0.458266	0.536506	0.489007	0.441694	0.34953	0.475823	0.450731	0.387536	0.672384	0.519776
0.529947	0.707757	0.602241	0.282917	0.550947	0.757627	0.517661	0.390792	0.713785	0.800235
0.525558	0.529819	0.682535	0.499434	0.760207	0.674974	0.676326	0.509007	0.607807	0.54506
0.541118	0.436017	0.41918	0.455426	0.572217	0.450732	0.507445	0.449616	0.432589	0.524862
0.718463	0.628761	0.459467	0.479546	0.736318	0.616703	0.496759	0.586287	0.699173	0.473236
0.886861	0.815634	0.813547	0.631238	0.481045	0.572917	0.613988	0.867021	0.640342	0.341561
0.650331	0.591513	0.700542	0.579334	0.600805	0.597395	0.68601	0.67719	0.497653	0.527061
0.542629	0.77749	0.488343	0.619053	0.642108	0.864762	0.776397	0.497017	0.318542	0.431794
0.668154	0.419121	0.506637	0.51153	0.530671	0.58411	0.547458	0.408581	0.702502	0.644435
0.498061	0.510354	0.574674	0.515881	0.507672	0.332407	0.533451	0.484673	0.607807	0.621926
0.404949	0.671545	0.527185	0.310637	0.283948	0.319887	0.491165	0.423005	0.546906	0.461076

0.808986	0.818492	0.628001	0.344156	0.492058	0.517902	0.529639	0.576154	0.612309	0.436539
0.768953	0.704438	0.881768	0.816999	0.714837	0.923487	0.829033	0.442195	0.610503	0.601397
0.507034	0.496477	0.617156	0.606302	0.486517	0.589375	0.754198	0.584582	0.528614	0.622841
0.500115	0.663446	0.616264	0.481561	0.42085	0.591145	0.479513	0.423592	0.452794	0.54049
0.507732	0.495795	0.557222	0.439244	0.484457	0.460464	0.430331	0.400709	0.575042	0.511192
0.317817	0.400114	0.417486	0.459887	0.518649	0.40222	0.444447	0.320537	0.36924	0.438332
0.465812	0.534266	0.517144	0.512976	0.475642	0.408578	0.500292	0.397378	0.647152	0.590209
0.547196	0.442602	0.554896	0.561973	0.577276	0.538607	0.640596	0.591444	0.661101	0.541248
0.513357	0.433056	0.384399	0.417208	0.332304	0.243875	0.413743	0.479297	0.589396	0.622841
0.45516	0.238859	0.40856	0.486301	0.39223	0.35394	0.482227	0.401266	0.377066	0.365704
0.49061	0.401209	0.39658	0.383693	0.400056	0.375517	0.456465	0.383232	0.192102	0.404361
0.503561	0.517462	0.335548	0.414892	0.429214	0.414439	0.373788	0.44097	0.370275	0.457932
0.356481	0.408397	0.493012	0.434988	0.404022	0.473789	0.499583	0.4578	0.325032	0.446188
0.414989	0.529082	0.647658	0.855068	0.701086	0.690294	0.512523	0.454004	0.598066	0.548134
0.52338	0.646722	0.700542	0.827326	0.751252	0.760236	0.671038	0.586287	0.885373	0.628371
0.726481	0.506843	0.450254	0.510809	0.498378	0.437464	0.594169	0.653616	0.650104	0.514034
0.795227	0.444415	0.607447	0.518073	0.38129	0.383687	0.668941	0.733332	0.513218	0.745903
0.725327	0.464878	0.294179	0.521013	0.504074	0.663305	0.659627	0.60372	0.653076	0.65912
0.7162	0.596643	0.505946	0.580178	0.558192	0.547335	0.561931	0.487386	0.415002	0.616476
0.587238	0.686092	0.527911	0.57098	0.438357	0.538607	0.599485	0.396273	0.508205	0.487754
0.737012	0.562742	0.552582	0.639878	0.483089	0.567007	0.661679	0.568706	0.571733	0.570282
0.620348	0.396302	0.569045	0.659718	0.612604	0.493158	0.476816	0.656619	0.495573	0.38699
0.600008	0.426033	0.505255	0.605406	0.445813	0.415621	0.429728	0.491488	0.534626	0.449863
0.639789	0.497845	0.548753	0.522491	0.424415	0.386998	0.501002	0.479966	0.46102	0.550454
0.470275	0.355452	0.392304	0.379946	0.457886	0.572068	0.354095	0.409149	0.388805	0.364692
0.35945	0.408955	0.403619	0.384231	0.431633	0.572917	0.552229	0.406317	0.43922	0.420152
0.40716	0.506843	0.454529	0.489033	0.495558	0.587613	0.534985	0.443423	0.419622	0.415014
0.307123	0.427778	0.339769	0.329202	0.392785	0.29768	0.341117	0.269452	0.267795	0.38859
0.425844	0.485687	0.417486	0.410867	0.345035	0.300394	0.387796	0.459711	0.421951	0.376476
0.422387	0.367968	0.488343	0.422466	0.304728	0.407415	0.494653	0.396825	0.416152	0.409935
0.444764	0.2995	0.438857	0.405182	0.405162	0.312824	0.524358	0.539363	0.405343	0.282083
0.374607	0.319476	0.375098	0.40349	0.268262	0.28831	0.362278	0.389161	0.322703	0.301309
0.283565	0.318116	0.370522	0.420706	0.342557	0.360666	0.29365	0.301057	0.354998	0.316422
0.449014	0.307823	0.320414	0.414314	0.345532	0.401074	0.403972	0.402943	0.471362	0.421879
0.296256	0.416841	0.344507	0.308823	0.322287	0.320362	0.313955	0.290552	0.357004	0.257705
0.352554	0.285414	0.347855	0.386931	0.34157	0.265525	0.275096	0.227473	0.278991	0.31869
0.43461	0.319022	0.207883	0.406313	0.350535	0.062755	0.286653	0.378441	0.299196	0.377516
0.387125	0.335203	0.209975	0.280367	0.299775	0.272278	0.375381	0.355248	0.25728	0.338695
0.332032	0.385062	0.25331	0.288494	0.324177	0.315166	0.32188	0.29973	0.277314	0.299566
0.398383	0.388244	0.303615	0.372548	0.381831	0.386998	0.328039	0.286249	0.290914	0.363178
0.373067	0.344246	0.287443	0.328728	0.457243	0.299941	0.323293	0.434296	0.513218	0.321884
0.349631	0.330985	0.380241	0.37729	0.342064	0.318465	0.290575	0.382697	0.396444	0.106433
0.29241	0.301239	0.34308	0.35812	0.326075	0.314228	0.383437	0.312276	0.280674	0.243326
0.316016	0.292613	0.304918	0.333012	0.300223	0.318465	0.386156	0.317305	0.269435	0.298696
0.39947	0.380333	0.400898	0.390193	0.377525	0.479921	0.394417	0.282413	0.3302	0.299131
0.351577	0.360415	0.356095	0.373073	0.405733	0.362757	0.362278	0.25328	0.350517	0.247938
0.346729	0.338039	0.308412	0.28377	0.448327	0.393135	0.392198	0.401266	0.415577	0.249874

0.533639	0.442602	0.435906	0.41547	0.398367	0.323222	0.573532	0.45024	0.349528	0.368245
0.39245	0.487689	0.415237	0.38477	0.420259	0.360666	0.388344	0.381629	0.314877	0.335847
0.348178	0.431878	0.414677	0.419537	0.341078	0.354454	0.383437	0.343366	0.26616	0.384338
0.436978	0.445628	0.501136	0.505796	0.447697	0.37931	0.512523	0.348277	0.368207	0.343482
0.52483	0.441397	0.601379	0.621835	0.483089	0.479921	0.56357	0.516217	0.491443	0.510484
0.36194	0.441999	0.428329	0.424824	0.536038	0.404521	0.336227	0.372134	0.482627	0.419578
0.476081	0.452362	0.518564	0.432575	0.391677	0.3804	0.406252	0.325663	0.364611	0.383281
0.555694	0.499217	0.508023	0.559548	0.51276	0.454599	0.498168	0.46035	0.381298	0.371313
0.398383	0.362918	0.512209	0.400686	0.409751	0.409744	0.43397	0.437317	0.405343	0.408255
0.376152	0.340416	0.444818	0.38048	0.305634	0.40222	0.342595	0.430699	0.359019	0.364692
0.458266	0.373592	0.501136	0.354587	0.36538	0.313759	0.307991	0.425358	0.44905	0.45233
0.478687	0.428361	0.377662	0.40349	0.463725	0.224777	0.347059	0.429506	0.384499	0.338695
0.47934	0.532037	0.399815	0.378882	0.468981	0.43006	0.378586	0.418918	0.334952	0.348323
0.493981	0.468704	0.473345	0.437415	0.471633	0.365385	0.487706	0.374226	0.391518	0.47194
0.432843	0.475158	0.437084	0.437415	0.508395	0.43871	0.471473	0.532515	0.461659	0.44497
0.428747	0.391986	0.449646	0.440467	0.424415	0.417994	0.553029	0.475309	0.422535	0.462974
0.530683	0.520338	0.606575	0.441694	0.383999	0.491041	0.600377	0.44837	0.46102	0.65912
0.613164	0.569152	0.591172	0.518073	0.498378	0.509741	0.512523	0.5471	0.539956	0.619193
0.48527	0.527613	0.360521	0.368896	0.487896	0.443101	0.37805	0.536306	0.513939	0.370288
0.51265	0.518179	0.452692	0.440467	0.579829	0.440587	0.310275	0.522811	0.528614	0.372856
0.642639	0.598366	0.519276	0.691288	0.566387	0.451374	0.44258	0.474648	0.503953	0.425352
0.447796	0.496477	0.450254	0.446638	0.560635	0.524695	0.337201	0.477298	0.454679	0.407697
0.416685	0.311375	0.492342	0.396791	0.426208	0.377139	0.456465	0.534027	0.449672	0.469359
0.491955	0.35644	0.551046	0.477539	0.46242	0.514173	0.5786	0.518404	0.521214	0.421879
0.724175	0.602705	0.403074	0.555537	0.492058	0.668571	0.581156	0.615438	0.599821	0.542769
0.578106	0.651574	0.496379	0.534495	0.548559	0.514173	0.489086	0.511157	0.527124	0.439531
0.624898	0.541022	0.496379	0.627452	0.675886	0.479235	0.552229	0.516217	0.503953	0.511901
0.862472	0.644796	0.479152	0.589576	0.662264	0.653986	0.646516	0.671955	0.501142	0.500005
0.66313	0.562742	0.463835	0.542945	0.642108	0.529283	0.489778	0.55657	0.543803	0.475187
0.559612	0.516746	0.595396	0.651673	0.493455	0.492451	0.505286	0.518404	0.505366	0.52927
0.574833	0.540266	0.801101	0.652671	0.541471	0.64286	0.586314	0.539363	0.543031	0.72109
0.709478	0.723593	0.654412	0.583572	0.585843	0.487535	0.555439	0.729751	0.525639	0.47584
0.638844	0.652551	0.541944	0.472893	0.570543	0.425194	0.396088	0.572828	0.595447	0.479117
0.620348	0.529082	0.368	0.611721	0.668498	0.405098	0.646516	0.55339	0.649118	0.60227
0.541118	0.732908	0.515022	0.830323	0.942154	0.503176	0.780435	0.736943	0.650104	0.611094
0.465812	0.588127	0.522853	0.554739	0.681241	0.637896	0.616762	0.593177	0.478617	0.403255
0.443557	0.459828	0.697309	0.546841	0.430422	0.484751	0.678459	0.591444	0.566001	0.550454
0.555694	0.579775	0.782422	0.606302	0.515694	0.71082	0.754198	0.549448	0.627972	0.616476
0.548728	0.606207	0.473345	0.619053	0.761501	0.738544	0.698146	0.945446	0.817922	0.689001
0.66413	0.642878	0.440636	0.508654	0.714837	0.648893	0.472137	0.683556	0.656068	0.385928
0.653252	0.425452	0.377148	0.657693	0.571379	0.575474	0.58718	0.62374	0.510346	0.527061
0.599144	0.407283	0.362503	0.584425	0.470305	0.501731	0.75932	0.635063	0.53387	0.607543
0.529947	0.562742	0.425449	0.414892	0.483089	0.488934	0.441339	0.514042	0.507493	0.472587
0.594855	0.625992	0.563488	0.434988	0.348027	0.469079	0.556245	0.486706	0.515384	0.543531
0.583063	0.549426	0.584497	0.42898	0.329418	0.565333	0.491861	0.405753	0.538426	0.464243
0.735829	0.659453	0.505946	0.636017	0.537583	0.487535	0.484958	0.635063	0.686108	0.452949
0.530683	0.723593	0.444218	0.549983	0.599017	0.470419	0.455824	0.682489	0.655068	0.465517

0.515485	0.544822	0.398194	0.543722	0.5113	0.424589	0.506005	0.55657	0.51178	0.612881
0.462652	0.604452	0.541194	0.515153	0.509119	0.529283	0.63864	0.534027	0.549247	0.591059
0.433431	0.505446	0.463208	0.528452	0.575583	0.490338	0.43154	0.543988	0.545352	0.504864
0.432843	0.390913	0.510809	0.546841	0.410328	0.378766	0.46685	0.407448	0.55476	0.522675
0.499429	0.559572	0.763263	0.655677	0.51939	0.57633	0.506005	0.444654	0.552389	0.50347
0.674261	0.512474	0.482412	0.553943	0.551746	0.670695	0.664777	0.567886	0.365635	0.580131
0.709478	0.649627	0.422018	0.533735	0.672704	0.486838	0.564391	0.620031	0.488711	0.54049
0.573205	0.580603	0.490338	0.551563	0.696597	0.481295	0.576904	0.644729	0.60424	0.52927
0.649362	0.670525	0.537463	0.405747	0.572217	0.58411	0.409693	0.35827	0.500442	0.621013
0.569968	0.610625	0.366494	0.190711	0.52537	0.312357	0.384523	0.419499	0.494192	0.391806
0.498744	0.499217	0.44904	0.442309	0.478335	0.477185	0.591535	0.59058	0.537664	0.523403
0.522656	0.583096	0.569045	0.599181	0.640143	0.683662	0.571855	0.498411	0.607807	0.546594
0.570775	0.431878	0.446622	0.561163	0.699959	0.62429	0.55143	0.437924	0.437401	0.504864
0.619443	0.592364	0.475272	0.542945	0.679091	0.491041	0.458394	0.559773	0.608704	0.547363
0.705054	0.490374	0.569845	0.594789	0.541471	0.403945	0.64256	0.655616	0.427829	0.55123
0.697419	0.538758	0.608321	0.502957	0.493455	0.450091	0.785878	0.743029	0.500442	0.576823
0.527747	0.570769	0.465091	0.455426	0.485143	0.376057	0.494653	0.576989	0.624235	0.440132
0.483285	0.523233	0.499091	0.507222	0.403453	0.434364	0.613067	0.44097	0.454679	0.556701
0.455779	0.433647	0.500453	0.509371	0.402885	0.58411	0.671038	0.513319	0.561148	0.695448
0.728799	0.52396	0.440636	0.510089	0.591065	0.699297	0.733079	0.725022	0.641308	0.62652
0.511944	0.66849	0.475916	0.455426	0.612604	0.528515	0.459684	0.687853	0.648134	0.362674
0.519056	0.627836	0.473986	0.559548	0.648057	0.450732	0.44072	0.583732	0.417884	0.381176
0.580578	0.622327	0.497055	0.631238	0.571379	0.444996	0.460978	0.580347	0.525639	0.462974
0.51265	0.538758	0.528638	0.547624	0.65918	0.510477	0.416074	0.55657	0.494882	0.483746
0.554914	0.516031	0.554123	0.574302	0.586709	0.525456	0.594169	0.630309	0.463582	0.509778
0.612275	0.584767	0.786358	0.578491	0.542253	0.559525	0.688191	0.580347	0.62053	0.591911
0.621254	0.654512	0.694101	0.626511	0.53373	0.516406	0.528124	0.612706	0.533115	0.483746
0.609617	0.625992	0.464462	0.472234	0.545395	0.427012	0.459684	0.490116	0.54149	0.50208
0.676316	0.41288	0.333221	0.552355	0.523868	0.397654	0.566865	0.634108	0.479283	0.525594
0.675287	0.527613	0.423159	0.681574	0.663297	0.444996	0.59505	0.736943	0.588538	0.586824
0.445368	0.461715	0.425449	0.451009	0.576429	0.565333	0.457107	0.551021	0.496959	0.424771
0.541873	0.454216	0.491673	0.517341	0.429214	0.473113	0.628992	0.60372	0.459108	0.446188
0.688854	0.576479	0.668246	0.491782	0.401185	0.495997	0.683839	0.588858	0.617772	0.671236
0.747805	0.736453	0.596246	0.498032	0.465688	0.645866	0.697028	0.594045	0.648134	0.591059
0.648396	0.632481	0.681498	0.603618	0.551746	0.699297	0.632826	0.59058	0.651092	0.436539
0.605223	0.438998	0.546471	0.665851	0.725445	0.521662	0.631864	0.666783	0.615032	0.47584
0.680456	0.591513	0.548753	0.634099	0.780041	0.564499	0.636694	0.580347	0.635542	0.610204
0.467719	0.536506	0.482412	0.548409	0.503358	0.494575	0.548249	0.454634	0.421368	0.52927
0.606975	0.508244	0.502505	0.636017	0.46832	0.461778	0.500292	0.516217	0.406468	0.601397
0.688854	0.666466	0.727306	0.661753	0.559005	0.549746	0.701515	0.696576	0.595447	0.678463
0.620348	0.640969	0.598805	0.496636	0.642108	0.580635	0.59066	0.563	0.619609	0.528533
0.582233	0.723593	0.424875	0.401806	0.657137	0.552981	0.472137	0.598416	0.739691	0.581795
0.63228	0.695708	0.480453	0.602727	0.640143	0.337815	0.46685	0.63602	0.506074	0.580962
0.461394	0.637176	0.533028	0.599181	0.62663	0.438087	0.497463	0.669879	0.575874	0.509072
0.497378	0.495114	0.554896	0.63219	0.672704	0.498138	0.529639	0.425948	0.492815	0.656143
0.519774	0.540266	0.677377	0.619053	0.564736	0.601007	0.682758	0.576989	0.45405	0.662117
0.886861	0.824263	0.70708	0.66895	0.602599	0.659139	0.746627	0.790927	0.656068	0.44741

0.694187	0.792078	0.70271	0.604511	0.765408	0.644862	0.64256	0.746722	0.762101	0.311922
0.776669	0.883294	0.726158	0.736091	0.777344	0.74104	0.648508	0.648656	0.76338	0.509072
0.667144	0.701144	0.592856	0.474216	0.776001	0.639875	0.792779	0.734532	0.506074	0.490447
0.478034	0.695708	0.462583	0.395132	0.723065	0.66226	0.561931	0.645707	0.613214	0.575179
0.720739	0.627836	0.559561	0.647706	0.681241	0.484751	0.591535	0.647671	0.528614	0.639649
0.903915	0.622327	0.598805	0.753372	0.646065	0.450732	0.654537	0.60106	0.425468	0.724549
1.000965	0.977715	0.857817	0.909239	0.996512	0.903017	0.716427	0.685699	0.77771	0.741066
0.668154	0.727063	0.729613	0.683714	1.003245	0.78307	0.611232	0.611799	0.843352	0.630231
0.685686	0.73056	0.65832	0.673118	0.731452	0.534698	0.456465	0.668844	0.792528	0.518333
0.74902	0.70887	0.642896	0.99905	0.860035	0.74104	0.695914	0.761815	0.841814	0.744689
0.491282	0.635292	0.636317	0.837905	0.684486	0.567007	0.674203	0.587142	0.614122	0.800235
0.636958	0.749706	0.483723	0.693477	0.689949	0.526219	0.603066	0.683556	0.646173	0.6998
0.859321	0.963474	0.700542	0.8631	0.53681	0.55788	1.104856	0.881951	0.648134	0.655155
0.683586	0.973598	0.86883	0.792895	0.765408	0.88521	0.925127	0.977883	0.608704	0.563838
0.583063	0.925186	0.873637	0.710252	0.883426	0.770832	0.569353	0.726199	0.765951	0.42944
0.762625	0.803005	0.803836	0.815543	0.784119	0.829606	0.46685	0.982114	0.931901	0.768361
0.685686	0.648656	0.792997	0.639878	0.705621	0.965467	0.876953	1.03159	0.931901	0.767083
0.685686	0.759605	0.561128	0.547624	0.650058	0.690294	0.768432	0.564623	0.553178	0.556701
0.893602	0.622327	0.453916	0.821395	0.672704	0.413849	0.598594	0.77349	0.567631	0.530009
0.996636	0.763376	0.838077	1.038478	0.895611	0.67713	0.954395	1.063716	0.868726	0.815664
0.634145	0.811383	0.919473	0.685864	0.743721	0.713162	1.211026	0.774806	0.949242	0.843677
0.687796	0.757109	0.765769	0.533735	0.755067	0.530052	0.737957	0.565437	0.926271	0.663121
0.818883	0.95949	0.809359	0.736091	1.153007	0.840487	0.744132	0.892197	0.96936	0.642514
0.739387	0.778796	0.729613	0.760994	0.806539	0.98698	1.102011	0.920766	0.859036	0.662117
0.837884	0.673594	0.541944	0.752115	0.76935	0.664353	0.842862	0.745487	0.702502	0.610204
0.839381	0.788051	0.574674	0.805489	0.792392	0.514916	0.788625	0.865393	0.673425	0.580962
0.765145	0.763376	0.554123	0.507937	0.683402	0.592032	0.91395	0.880266	0.873654	0.978287
0.724175	0.593216	0.628001	0.583572	0.782756	0.659139	0.70719	0.670916	0.810718	0.849812
0.659151	0.734086	0.668246	0.59044	1.101855	0.74104	0.609404	0.746722	0.80787	0.755741
0.843902	0.986067	1.006401	0.837905	1.128184	0.590259	0.646516	1.01294	0.844895	0.756987
0.587238	0.780106	0.876871	0.772684	0.638186	0.688072	0.595934	0.667812	0.699173	0.439531
0.724175	0.700051	0.568247	0.720637	0.657137	0.557059	0.610317	1.066289	0.862242	0.711998
0.793875	0.631548	0.485697	0.891574	0.831701	0.737301	0.890678	0.957328	0.686108	0.671236
0.745383	0.73056	0.681498	0.659718	0.844067	0.888714	0.764504	0.756725	0.740907	0.594478
0.474784	0.641923	0.730771	0.68911	0.742478	0.883469	0.76061	0.580347	0.662115	0.786669
0.6379	0.760858	0.76829	0.647706	0.806539	0.79851	0.561114	0.723847	0.831199	0.888562
0.735829	0.80578	0.900212	0.714837	0.761501	0.967571	0.86859	0.777452	0.963226	1.010606
0.763883	0.583096	0.585326	0.566863	0.593699	0.689182	0.739185	0.563	0.636498	0.6837
0.763883	0.682934	0.582844	0.740959	0.624734	0.55136	0.733079	0.720343	0.66517	0.638698
0.791183	0.842052	0.701625	0.88131	0.756347	0.770832	0.860385	0.714565	0.81215	0.738668
0.607854	0.692479	0.872029	0.726516	0.818199	0.982591	0.741651	0.772177	0.755759	0.85918
0.681497	0.740028	0.76829	0.562784	0.606211	0.617644	0.63379	0.766965	0.720699	0.768361
0.744177	0.544059	0.63725	0.794276	0.847214	0.676051	0.59066	1.084736	0.779036	0.725708
0.56198	0.549426	0.691975	0.679444	0.699959	0.679297	0.719942	0.578665	0.769835	0.635857
0.559612	0.591513	0.432393	0.65367	0.582396	0.4469	0.555439	0.699892	0.730091	0.524132
0.588919	0.581433	0.390712	0.605406	0.574739	0.443732	0.56275	0.679302	0.591116	0.567854
0.600872	0.659453	0.55567	0.602727	0.575583	0.425194	0.591535	0.627482	0.734865	0.665136

0.505642	0.655496	0.826361	0.652671	0.672704	0.495285	0.697028	0.615438	0.742125	0.697619
0.532158	0.674622	0.646701	0.488348	0.786859	0.557059	0.552229	0.765672	0.854271	0.689001
0.579752	0.583096	0.714834	0.587852	0.856794	0.564499	0.706049	0.599296	0.630795	0.74227
0.496696	0.473212	0.480453	0.501544	0.611685	0.573768	0.673146	0.759263	0.561148	0.524132
0.529212	0.495795	0.31593	0.524716	0.709054	0.517902	0.627088	0.720343	0.612309	0.50208
0.545668	0.592364	0.508023	0.612631	0.471633	0.374978	0.630905	0.662689	0.744572	0.54049
0.414989	0.506144	0.48438	0.546841	0.356617	0.534698	0.541177	0.424768	0.726545	0.588513
0.467719	0.48039	0.530828	0.426007	0.443314	0.630069	0.614911	0.542441	0.557145	0.57354
0.629497	0.626913	0.514317	0.419537	0.621904	0.581501	0.541957	0.627482	0.571733	0.485746
0.532158	0.502667	0.444218	0.416628	0.497671	0.608323	0.572693	0.43914	0.587682	0.587667
0.581405	0.464244	0.497055	0.480216	0.442691	0.467742	0.55143	0.584582	0.598942	0.454189
0.511239	0.519617	0.443619	0.679444	0.568045	0.459809	0.573532	0.551809	0.543031	0.403808
0.588919	0.628761	0.471426	0.634099	0.612604	0.478551	0.573532	0.486706	0.627034	0.563039
0.578929	0.515317	0.544957	0.414314	0.528392	0.552981	0.48019	0.479966	0.536902	0.588513
0.508431	0.520338	0.593701	0.453527	0.491362	0.473113	0.525108	0.53327	0.602467	0.559858
0.588919	0.592364	0.489007	0.43378	0.52237	0.41859	0.491165	0.583732	0.512498	0.406582
0.450237	0.452979	0.510111	0.408015	0.454677	0.471764	0.46685	0.444038	0.380236	0.470003
0.45889	0.516031	0.432393	0.490405	0.498378	0.331431	0.333803	0.463558	0.408161	0.166775
0.487265	0.473859	0.464462	0.592174	0.526878	0.460464	0.526613	0.652619	0.475304	0.376476
0.519056	0.5773	0.628917	0.488348	0.487206	0.485445	0.46033	0.543988	0.602467	0.555915
0.51691	0.528347	0.673295	0.503665	0.36538	0.399931	0.569353	0.410857	0.546128	0.588513
0.462652	0.354466	0.447829	0.465043	0.524618	0.487535	0.410269	0.483997	0.687182	0.445579
0.422387	0.448065	0.53598	0.495939	0.592819	0.546534	0.602168	0.551809	0.503953	0.392345
0.441753	0.392523	0.466982	0.498733	0.473633	0.43871	0.392752	0.496322	0.506074	0.414446
0.561189	0.493754	0.447225	0.484263	0.463725	0.289194	0.356635	0.472013	0.584275	0.481756
0.451462	0.431878	0.443021	0.612631	0.591065	0.414439	0.482908	0.611799	0.522684	0.395047
0.389247	0.423139	0.493012	0.474216	0.530671	0.481984	0.516187	0.466791	0.438613	0.491799
0.496016	0.489702	0.478503	0.39957	0.480366	0.465082	0.500292	0.434296	0.400871	0.555131
0.464545	0.445628	0.412443	0.428384	0.59635	0.520154	0.508166	0.525774	0.616857	0.535218
0.376152	0.399021	0.447225	0.474216	0.523118	0.517902	0.411424	0.341417	0.444107	0.497939
0.491955	0.496477	0.443619	0.437415	0.52991	0.419783	0.332355	0.436711	0.508917	0.343964
0.532898	0.446845	0.422018	0.467644	0.503358	0.467075	0.425527	0.48535	0.397547	0.296531
0.429329	0.451745	0.420881	0.456696	0.400056	0.412085	0.506005	0.430102	0.472672	0.413314
0.432255	0.396302	0.55567	0.472893	0.431633	0.40916	0.637666	0.529506	0.53161	0.526327
0.468356	0.582264	0.456374	0.405747	0.481045	0.471091	0.476145	0.433094	0.552389	0.419578
0.469634	0.481049	0.380758	0.360662	0.420259	0.475144	0.360218	0.411428	0.450918	0.465517
0.367974	0.382429	0.384921	0.372548	0.421442	0.330944	0.28105	0.427131	0.470055	0.516896
0.454542	0.373077	0.397117	0.480216	0.413226	0.364858	0.285354	0.526518	0.489393	0.432384
0.497378	0.417979	0.530097	0.475542	0.463072	0.488934	0.496759	0.532515	0.47995	0.406582
0.415554	0.380333	0.53598	0.475542	0.405162	0.444364	0.582012	0.444654	0.324565	0.491123
0.362439	0.422563	0.559561	0.339275	0.437127	0.440587	0.469485	0.410287	0.511062	0.556701
0.345765	0.479076	0.481105	0.190366	0.429214	0.395389	0.448207	0.461631	0.457838	0.451094
0.308004	0.390378	0.29973	0.40349	0.443937	0.309104	0.437025	0.379501	0.356502	0.368755
0.464545	0.453597	0.403619	0.441694	0.382372	0.340793	0.347059	0.4578	0.462299	0.381702
0.504947	0.542538	0.470151	0.491093	0.453399	0.323701	0.412003	0.5471	0.438613	0.403255
0.463913	0.397931	0.628001	0.547624	0.387273	0.372292	0.46685	0.440359	0.41043	0.493836
0.437572	0.408397	0.502505	0.562784	0.374856	0.419186	0.522861	0.437924	0.443493	0.467434

0.374607	0.570769	0.402529	0.4266	0.355088	0.55217	0.435189	0.389161	0.43922	0.404915
0.376152	0.457949	0.452692	0.467644	0.411485	0.450732	0.468825	0.416599	0.38343	0.364692
0.272045	0.461715	0.496379	0.476872	0.401751	0.390335	0.403404	0.405753	0.334952	0.44741
0.414425	0.594926	0.477855	0.481561	0.472965	0.350871	0.359191	0.450865	0.37812	0.376476
0.5604	0.479733	0.440636	0.404617	0.478335	0.366969	0.392198	0.479297	0.388805	0.415581
0.5864	0.437207	0.414677	0.504374	0.419668	0.275695	0.278488	0.518404	0.386109	0.383809
0.506337	0.491723	0.46572	0.421292	0.334723	0.447536	0.386156	0.452118	0.476627	0.475187
0.47934	0.495114	0.48438	0.498032	0.398367	0.471764	0.508166	0.414869	0.430798	0.353218
0.503561	0.473212	0.509414	0.430774	0.417902	0.498854	0.471473	0.463558	0.51975	0.411621
0.455779	0.556424	0.542695	0.402928	0.542253	0.491745	0.464884	0.470047	0.548465	0.430027
0.511239	0.600964	0.642896	0.581024	0.68232	0.522418	0.53807	0.568706	0.54149	0.497252
0.349146	0.481708	0.525736	0.61813	0.612604	0.523176	0.473469	0.4578	0.433187	0.472587
0.44416	0.417979	0.447225	0.661753	0.638186	0.467075	0.520625	0.455898	0.421368	0.538223
0.483945	0.529819	0.504566	0.498733	0.452762	0.479235	0.449467	0.499109	0.503953	0.443756
0.430497	0.493076	0.481105	0.446017	0.454037	0.417994	0.376447	0.413719	0.396444	0.28544
0.329708	0.526148	0.41133	0.357108	0.46112	0.409744	0.371672	0.305062	0.431394	0.437136
0.44658	0.620506	0.541944	0.44108	0.613525	0.430673	0.397205	0.354746	0.585975	0.594478
0.472201	0.526148	0.713718	0.648694	0.594581	0.427012	0.607583	0.528009	0.45405	0.519054
0.600008	0.489702	0.527185	0.605406	0.459177	0.388663	0.487017	0.631256	0.488711	0.443756
0.510536	0.536506	0.516435	0.512252	0.371146	0.514173	0.575214	0.447128	0.494882	0.485746
0.660142	0.600096	0.56745	0.709113	0.615373	0.602824	0.569353	0.609089	0.583428	0.636802
0.525558	0.596643	0.515728	0.561163	0.638186	0.512691	0.542738	0.521337	0.532362	0.542008
0.420097	0.516031	0.557222	0.442925	0.593699	0.519402	0.478163	0.472013	0.595447	0.55123
0.535124	0.683984	0.65054	0.569328	0.668498	0.607401	0.662709	0.672997	0.809292	0.636802
0.656191	0.5773	0.627087	0.724155	0.612604	0.511952	0.557053	0.843224	0.578377	0.532234
0.577286	0.540266	0.673295	0.68911	0.572217	0.503901	0.576058	0.699892	0.585975	0.567048
0.572394	0.612405	0.574674	0.452267	0.520878	0.598295	0.623305	0.598416	0.513218	0.674319
0.69098	0.654512	0.619842	0.59654	0.554153	0.429449	0.56357	0.645707	0.524899	0.548134
0.447796	0.589817	0.648616	0.535257	0.570543	0.579771	0.511066	0.415445	0.484646	0.549679
0.532158	0.5773	0.544202	0.440467	0.720698	0.695899	0.475474	0.44837	0.647152	0.511192
0.646468	0.763376	0.708179	0.654673	0.720698	0.640868	0.674203	0.633155	0.646173	0.65025
0.853088	0.590664	0.571448	0.698997	0.540691	0.504627	0.628992	0.698784	0.485321	0.625597
0.672216	0.558783	0.651505	0.80977	0.611685	0.552981	0.611232	0.653616	0.546906	0.658125
0.675287	0.645758	0.772099	0.639878	0.543821	0.65707	0.749136	0.682489	0.602467	0.631163
0.619443	0.57158	0.606575	0.541397	0.539912	0.602824	0.492557	0.587142	0.651092	0.498626
0.554136	0.650599	0.581198	0.409724	0.391677	0.434982	0.555439	0.472013	0.569267	0.557488
0.660142	0.905483	0.623449	0.509371	0.630448	0.531595	0.749136	0.711135	0.933794	0.743478
0.895304	0.639069	0.742523	0.886412	0.502643	0.573768	0.694802	0.911635	0.817922	0.649275
0.930823	0.682934	0.64195	0.779317	0.44959	0.416213	0.55143	0.774806	0.530859	0.714254
0.893602	0.798875	0.798383	0.748364	0.578976	0.507542	0.728256	0.732135	0.667219	0.753261
0.977676	0.903735	0.582844	0.647706	0.800825	0.578047	0.588048	0.680361	0.70028	0.611094
0.668154	0.651574	0.487018	0.490405	0.565561	0.544937	0.554634	0.454004	0.765951	0.840642
0.496016	0.491723	0.633527	0.566044	0.609853	0.756329	0.530399	0.399595	0.663131	0.786669
0.672216	0.612405	0.63725	0.774003	0.654089	0.572917	0.574372	0.593177	0.566815	0.661116
0.927138	0.651574	0.65734	0.903864	0.768032	0.613892	0.577751	0.823605	0.629852	0.610204
0.676316	0.613298	0.694101	0.683714	0.698835	0.513431	0.682758	0.652619	0.523421	0.693288
0.626732	0.551746	0.720459	0.713686	0.784119	0.552981	0.852332	0.686775	0.689338	0.473885

0.650331	0.758355	0.604836	0.628396	0.699959	0.573768	0.561114	0.5471	0.563568	0.466794
0.533639	0.650599	0.665244	0.561163	0.543037	0.597395	0.474805	0.337545	0.372874	0.44315
0.623072	0.700051	0.885064	0.66895	0.573056	0.681474	0.617691	0.46809	0.579215	0.842157
0.770229	0.692479	0.816362	0.844068	0.713675	0.486141	0.598594	0.757992	0.816472	0.700895
0.674261	0.640969	0.521419	0.583572	0.782756	0.479235	0.526613	0.516217	0.767242	0.505562
0.569163	0.461715	0.530097	0.641822	0.614448	0.421579	0.524358	0.5471	0.597191	0.642514
0.514775	0.623241	0.592856	0.609907	0.644082	0.543346	0.68601	0.743029	0.80504	0.621926
0.474137	0.426614	0.584497	0.534495	0.540691	0.596496	0.522861	0.31547	0.503249	0.542008
0.562772	0.461715	0.482412	0.63219	0.445187	0.69141	0.565214	0.359281	0.421368	0.539733
0.621254	0.623241	0.585326	0.719471	0.687756	0.635926	0.614911	0.699892	0.787081	0.737474
0.886861	0.702239	0.57874	0.561973	0.705621	0.488934	0.506005	0.606396	0.680778	0.611094
0.829011	0.818492	0.664248	0.693477	0.786859	0.519402	0.530399	0.729751	0.622379	0.548134
0.918058	0.809976	0.865655	0.80977	0.710205	0.547335	0.769749	0.694378	0.655068	0.600526
0.654229	0.740028	0.668246	0.710252	0.675886	0.600101	0.568522	0.636979	0.599821	0.499315
0.6379	0.632481	0.734263	0.661753	0.673762	0.674974	0.613067	0.571175	0.509631	0.785335
0.591453	0.59407	0.857817	0.68911	0.584978	0.854889	0.74788	0.690017	0.764664	0.792044
0.895304	0.74484	0.836595	0.724155	0.936298	0.731139	0.632826	0.676138	0.682902	0.703093
0.821753	0.665457	0.505255	0.772684	0.974792	0.669631	0.443824	0.91709	0.680778	0.598789
0.837884	0.565134	0.680464	0.763565	0.848796	0.529283	0.552229	0.829547	0.561953	0.499315
0.802052	0.680841	0.763263	0.619053	0.743721	0.494575	0.469485	0.713419	0.734865	0.697619
0.845419	0.80439	0.733096	0.552355	0.69105	0.581501	0.56275	0.605502	0.720699	0.638698
0.634145	0.727063	0.893414	0.752115	0.740004	0.811566	0.928917	0.688934	0.616857	0.747121
0.758872	0.723593	0.790329	0.776652	0.96021	0.886958	0.845996	0.680361	0.655068	0.857605
0.800679	0.757109	0.79974	0.706845	1.017033	0.69141	0.799792	0.823605	0.772444	0.630231
0.686739	0.836041	0.70708	0.791518	0.936298	0.58411	0.680603	0.965434	0.994799	0.54506
0.788508	1.035116	0.78373	0.840976	0.799408	0.801378	0.979318	0.893929	0.880312	0.568662
0.898728	1.141572	0.696237	0.617209	0.697715	0.638884	0.788625	0.890473	1.339621	0.768361
0.655209	0.672568	0.659303	0.688026	0.698835	0.558702	0.811253	0.851012	0.772444	0.831661
0.87045	0.666466	0.962739	0.948854	0.751252	0.853265	0.836661	0.883642	0.813586	1.324899
0.928976	0.947752	0.88013	1.215931	1.332304	0.695899	0.719942	0.743029	0.939523	0.97006
0.959509	0.973598	0.681498	0.869634	0.893849	0.594705	0.640596	0.709997	0.843352	0.678463
0.940176	0.610625	0.734263	0.80125	0.660206	0.62429	0.809804	0.822132	1.160194	0.72224
1.056577	0.932578	0.70489	0.657693	0.737543	0.592032	0.651512	0.743029	0.841814	0.800235
0.655209	0.827178	0.758293	0.82435	0.876613	0.801378	0.625192	0.693284	0.603352	0.625597
0.804812	0.762115	0.939629	1.00801	0.97905	0.963373	0.662709	0.780114	0.718382	0.914663
1.079416	0.979788	0.809359	0.988103	1.299775	0.973945	0.899482	1.048593	0.881992	1.060318
0.949735	0.893394	0.830718	0.975322	1.143531	0.843646	0.680603	0.777452	0.885373	0.836128
0.77151	0.713347	0.891731	1.01716	1.096215	0.610171	0.460978	0.695476	0.810718	0.703093
1.289813	1.189345	0.91237	0.867991	1.24912	0.927315	0.667896	0.78956	0.988298	0.657133
0.747805	0.626913	0.76829	0.659718	0.874927	0.734826	0.552229	0.580347	0.779036	0.845203
0.709478	0.487689	0.664248	0.758439	0.650058	0.535477	0.628039	0.675089	0.585125	0.828708
0.979742	0.825718	0.806589	0.757166	0.662264	0.980414	0.866937	1.006148	0.760825	0.929253
1.162428	0.793429	0.774657	0.790145	0.713675	0.919693	0.719942	1.148411	0.917046	0.662117
0.930823	0.5533	0.576296	0.900317	0.98335	0.606482	0.709481	1.010664	0.844895	0.603144
0.830477	0.719009	0.765769	0.967005	1.21836	0.69141	0.91395	1.036381	1.089575	0.802999
0.806199	0.949686	0.845564	0.694575	0.942154	0.967571	0.692587	0.602831	0.913411	1.102424
0.943974	0.598366	0.966713	0.702343	0.770672	0.684761	0.814166	0.609991	0.411568	0.774811

0.885191	0.579775	0.956845	0.869634	1.162695	0.694772	0.915793	0.760537	0.513939	0.778728
1.126135	0.859025	0.744912	0.625572	1.024095	0.749893	0.752927	0.83255	0.72537	0.914663
0.821753	1.120957	0.651505	0.492472	0.706763	0.601915	0.659627	0.765672	0.822303	0.583465
0.93454	0.760858	0.490338	0.673118	0.795185	0.804264	0.628992	0.930093	0.777771	0.577648
1.014214	0.967496	0.651505	0.686944	0.922934	1.232362	0.901264	0.582883	0.668247	0.833145
0.580578	0.860601	0.830718	0.504374	0.785487	0.788621	0.714099	0.569527	0.702502	0.72109
0.71733	0.660448	1.112394	0.736091	0.727838	0.692528	0.812707	0.720343	0.599821	0.773514
1.175233	0.893394	0.991354	0.859869	0.850384	0.850035	1.019609	0.851012	0.872005	0.788006
0.909165	0.771017	0.753379	0.713686	0.582396	0.714338	0.683839	0.713419	0.899166	0.759489
0.930823	0.975652	0.580377	0.563596	0.470305	0.708491	0.470147	0.632204	0.885373	0.77222
0.988107	0.963474	0.737784	1.194547	0.928611	0.588493	0.966678	1.204927	0.926271	0.725708
0.720739	0.704438	0.924878	0.944922	0.909969	0.773522	1.069252	0.72738	0.986153	1.012849
0.678381	0.54178	0.541944	0.783346	0.845637	0.684761	0.783148	0.722676	0.687182	0.658125
0.84239	0.629688	0.757059	0.952823	1.061237	0.743551	0.866937	0.871941	0.846444	0.711998
0.811791	0.859025	0.802467	0.692381	0.91733	1.002699	0.632826	0.778781	0.951213	0.956027
0.713947	0.769735	0.690916	0.57098	0.66641	0.802819	0.632826	0.594916	0.753248	0.685812
0.792527	0.743632	0.524292	0.609003	0.80798	0.70387	0.487706	0.722676	0.784383	0.632098
0.555694	0.886634	0.941508	0.954821	0.906335	0.850035	0.662709	0.955325	0.900921	0.788006
0.453307	0.723593	0.875251	0.675216	0.713675	0.71082	0.702644	0.697678	0.828214	0.714254
0.649362	0.509649	0.452692	0.609907	0.69437	0.55136	0.827523	0.567068	0.655068	0.616476
0.696339	0.477113	0.574674	0.730082	0.707907	0.736062	0.794173	0.451491	0.704735	0.776113
0.66413	0.671545	0.592013	0.602727	0.732663	0.823509	0.5184	0.55897	0.557145	0.753261
0.638844	0.688211	0.516435	0.457332	0.584116	0.707331	0.400576	0.620955	0.645196	0.780041
0.576466	0.669506	0.474628	0.491093	0.578125	0.49671	0.471473	0.656619	0.744572	0.958004
0.652276	0.69034	0.589493	0.441694	0.550947	0.650923	0.601272	0.423005	0.46294	0.590209
0.606098	0.554859	0.460089	0.644754	0.578125	0.346812	0.479513	0.598416	0.610503	0.445579
0.519056	0.400114	0.374587	0.545278	0.628535	0.411498	0.621426	0.683556	0.621454	0.554348
0.527016	0.547118	0.537463	0.556336	0.609853	0.591145	0.667896	0.720343	0.705856	0.594478
0.310658	0.518179	0.618049	0.408015	0.472299	0.534698	0.610317	0.46099	0.527124	0.707523
0.364444	0.497845	0.509414	0.559548	0.377525	0.554608	0.505286	0.591444	0.477289	0.53747
0.358458	0.561154	0.604836	0.609907	0.530671	0.457848	0.598594	0.701004	0.610503	0.621013
0.471558	0.488359	0.432976	0.532976	0.516431	0.507542	0.549042	0.519135	0.507493	0.53447
0.584728	0.399567	0.347855	0.658704	0.589317	0.415621	0.5184	0.470047	0.344615	0.459187
0.544906	0.495795	0.447225	0.779317	0.585843	0.473789	0.615836	0.577826	0.46616	0.494517
0.5604	0.528347	0.428329	0.480888	0.681241	0.632988	0.57945	0.474648	0.476627	0.515463
0.51265	0.623241	0.602241	0.528452	0.471633	0.597395	0.511066	0.411428	0.434988	0.457932
0.622162	0.543298	0.462583	0.548409	0.483773	0.486141	0.471473	0.386996	0.41043	0.256127
0.507034	0.562742	0.542695	0.50225	0.576429	0.563666	0.406823	0.362842	0.508205	0.424191
0.466446	0.377209	0.392836	0.530708	0.528392	0.494575	0.449467	0.466791	0.452168	0.370288
0.461394	0.321754	0.353655	0.636017	0.554958	0.444996	0.535754	0.408014	0.371833	0.385397
0.51834	0.43483	0.482412	0.619053	0.584978	0.623335	0.517661	0.424768	0.467455	0.448634
0.425844	0.426033	0.496379	0.521013	0.53681	0.557059	0.498875	0.394621	0.447809	0.493836
0.452076	0.454836	0.485038	0.478876	0.660206	0.64286	0.511066	0.493553	0.521214	0.419005
0.645508	0.529819	0.466982	0.429577	0.489279	0.465082	0.466194	0.431296	0.436193	0.344446
0.609617	0.394678	0.409113	0.395132	0.419668	0.432514	0.489778	0.396825	0.481956	0.417861
0.51834	0.521783	0.431228	0.522491	0.46242	0.350361	0.433361	0.470701	0.490075	0.364692
0.728799	0.581433	0.452692	0.640849	0.389469	0.441842	0.58545	0.529506	0.425468	0.408255

0.487265	0.526879	0.486357	0.645736	0.545395	0.588493	0.506724	0.46744	0.463582	0.470647
0.390846	0.532778	0.559561	0.561163	0.36175	0.497423	0.506724	0.391883	0.441046	0.538977
0.592301	0.531296	0.53156	0.48291	0.492058	0.501731	0.341609	0.381629	0.44288	0.449863
0.549497	0.565935	0.710386	0.491093	0.259197	0.355999	0.362795	0.554183	0.557942	0.497939
0.576466	0.540266	0.549516	0.492472	0.382372	0.380946	0.284058	0.378441	0.43559	0.445579
0.562772	0.546351	0.435319	0.510809	0.405162	0.372292	0.433361	0.409718	0.481286	0.375957
0.76641	0.525417	0.50182	0.675216	0.619093	0.553794	0.508889	0.529506	0.505366	0.440734
0.492629	0.512474	0.485697	0.483586	0.483773	0.612027	0.548249	0.435502	0.396444	0.428854
0.509132	0.424873	0.455143	0.345138	0.413807	0.50101	0.59066	0.482649	0.415002	0.481756
0.675287	0.561154	0.445418	0.347111	0.563091	0.477867	0.502425	0.466142	0.517561	0.480434
0.576466	0.41741	0.493683	0.328254	0.455317	0.419186	0.455184	0.39904	0.46102	0.44741
0.51834	0.441397	0.369007	0.347605	0.405733	0.340295	0.416074	0.484673	0.589396	0.357175
0.626732	0.556424	0.413	0.428384	0.424415	0.413849	0.453907	0.569527	0.519019	0.347351
0.872064	0.754627	0.690916	0.539084	0.633334	0.645866	0.470809	0.506156	0.454679	0.403255
0.504947	0.602705	0.734263	0.533735	0.468981	0.54097	0.530399	0.383768	0.477289	0.583465
0.5604	0.541022	0.60052	0.459887	0.51276	0.435601	0.397765	0.36798	0.546906	0.536718
0.548728	0.606207	0.530828	0.540624	0.582396	0.546534	0.582012	0.507579	0.71493	0.622841
0.561189	0.557995	0.495703	0.508654	0.499086	0.467075	0.534985	0.447128	0.53161	0.538977
0.554914	0.545586	0.452692	0.446017	0.516431	0.409744	0.365387	0.521337	0.468103	0.369265
0.647431	0.547886	0.479802	0.547624	0.661234	0.477185	0.419595	0.563	0.607807	0.516896
0.73465	0.590664	0.566654	0.584425	0.66641	0.504627	0.541177	0.406882	0.543031	0.631163
0.68254	0.610625	0.566654	0.714837	0.545395	0.422781	0.582012	0.479297	0.607807	0.613777
0.700675	0.494433	0.55878	0.480888	0.604401	0.648893	0.52586	0.425948	0.601583	0.548906
0.624898	0.573207	0.53598	0.580178	0.709054	0.644862	0.650508	0.536306	0.472016	0.590209
0.498744	0.574023	0.538952	0.59044	0.576429	0.450732	0.460978	0.441582	0.525639	0.56544
0.463282	0.49853	0.522853	0.423643	0.557382	0.488234	0.438253	0.576154	0.492129	0.481756
0.752689	0.817061	0.698384	0.527702	0.874927	0.829606	0.801208	0.733332	0.647152	0.693288
0.562772	0.579775	0.609196	0.660734	0.549354	0.737301	0.865289	0.708863	0.409294	0.561446
0.497378	0.526879	0.644794	0.60095	0.510572	0.632013	0.687099	0.573657	0.495573	0.633973
0.53142	0.743632	0.633527	0.529955	0.561452	0.62048	0.630905	0.534027	0.399206	0.660117
0.655209	0.782738	0.712605	0.671029	0.619093	0.436221	0.584588	0.55339	0.428421	0.558277
0.564361	0.615987	0.502505	0.598299	0.710205	0.511213	0.597706	0.635063	0.666194	0.632098
0.598283	0.579775	0.554123	0.490405	0.679091	0.579771	0.644534	0.682489	0.549247	0.504166
0.628573	0.568345	0.621642	0.603618	0.610768	0.579771	0.823025	0.709997	0.617772	0.500005
0.676316	0.629688	0.444218	0.644754	0.549354	0.583239	0.693693	0.668844	0.452794	0.470647
0.645508	0.547118	0.486357	0.507222	0.297542	0.681474	0.72112	0.646688	0.502545	0.502775
0.549497	0.640018	0.603104	0.636979	0.483773	0.760236	0.754198	0.628422	0.630795	0.678463
0.768953	0.724746	0.559561	0.585279	0.593699	0.486838	0.525108	0.578665	0.561148	0.54049
0.605223	0.686092	0.59795	0.454159	0.62949	0.519402	0.560299	0.522073	0.544577	0.576
0.609617	0.628761	0.649577	0.474216	0.569709	0.630069	0.656566	0.695476	0.745801	0.57354
0.695262	0.523233	0.615374	0.648694	0.454037	0.386444	0.722301	0.693284	0.678665	0.603144
0.667144	0.462977	0.533028	0.734882	0.625681	0.461778	0.512523	0.600177	0.509631	0.450478
0.651303	0.57158	0.628917	0.694575	0.585843	0.562835	0.617691	0.569527	0.510346	0.724549
0.577286	0.715603	0.688805	0.615372	0.660206	0.673901	0.730661	0.692192	0.598066	0.765808
0.741776	0.749706	0.640064	0.544499	0.612604	0.638884	0.628039	0.537068	0.572558	0.523403
0.467719	0.588971	0.493012	0.447259	0.452126	0.601007	0.576058	0.486706	0.632688	0.512611
0.534381	0.704438	0.642896	0.754633	0.627581	0.648893	0.640596	0.497713	0.603352	0.538977

0.890218	0.852776	0.848595	1.071246	0.742478	0.705021	0.836661	0.567068	0.530859	0.544295
0.774082	0.655496	0.491005	0.8631	0.893849	0.615764	0.666854	0.675089	0.499743	0.598789
0.684635	0.549426	0.577924	0.739737	0.738772	0.689182	0.663742	0.640836	0.403661	0.587667
0.733473	0.557995	0.75953	0.760994	0.795185	0.722657	0.730661	0.682489	0.595447	0.681598
0.667144	0.69034	0.517853	0.662774	0.654089	0.612027	0.497463	0.554183	0.577541	0.571094
0.496016	0.607969	0.664248	0.609003	0.47766	0.591145	0.520625	0.430699	0.571733	0.591059
0.574833	0.750931	0.737784	0.688026	0.569709	0.795662	0.671038	0.564623	0.815026	0.728036
0.633212	0.609738	0.575484	0.65367	0.588446	0.612027	0.666854	0.788198	0.712644	0.56544
0.658162	0.587285	0.473986	0.508654	0.683402	0.489635	0.517661	0.658633	0.597191	0.561446
0.579752	0.417979	0.551046	0.598299	0.723065	0.685862	0.750396	0.799217	0.559542	0.701993
0.55804	0.616887	0.662263	0.615372	0.781396	0.78032	0.650508	0.746722	0.607807	0.545827
0.534381	0.615089	0.604836	0.450382	0.436513	0.58411	0.545879	0.490801	0.585125	0.666147
0.509833	0.469987	0.534502	0.532219	0.440209	0.588493	0.634755	0.517674	0.650104	0.85136
0.656191	0.609738	0.829261	0.657693	0.580683	0.859797	0.901264	0.875252	0.710369	0.788006
0.745383	0.77749	0.70489	0.624634	0.569709	0.615764	0.640596	0.756725	0.737271	0.556701
0.684635	0.686092	0.601379	0.54217	0.622845	0.459154	0.510339	0.676138	0.595447	0.587667
0.76768	0.688211	0.65054	0.643775	0.711358	0.562835	0.794173	0.577826	0.626099	0.599657
0.833425	0.701144	0.746112	0.530708	0.72664	0.557059	0.526613	0.557369	0.663131	0.522675
0.726481	0.446236	0.575484	0.459247	0.542253	0.487535	0.489778	0.522073	0.425468	0.415581
0.658162	0.554859	0.538207	0.566863	0.576429	0.663305	0.582012	0.572828	0.39976	0.575179
0.580578	0.632481	0.839564	0.82435	0.810875	0.738544	0.678459	0.665756	0.650104	0.689001
0.709478	0.721295	0.607447	0.622766	0.585843	0.62143	0.559485	0.583732	0.641308	0.528533
0.441153	0.771017	0.607447	0.410867	0.589317	0.43871	0.503853	0.525031	0.634589	0.379604
0.63135	0.630617	0.544202	0.714837	0.613525	0.515661	0.64256	0.797825	0.80504	0.516896
0.655209	0.748484	0.703799	0.554739	0.587576	0.659139	0.599485	0.574488	0.792528	0.633035
0.39784	0.509649	0.644794	0.499434	0.557382	0.395954	0.459684	0.521337	0.537664	0.556701
0.49061	0.477766	0.537463	0.578491	0.574739	0.486141	0.671038	0.693284	0.481286	0.818529
0.729963	0.693553	0.763263	0.798447	0.760207	0.73979	0.925127	0.78956	0.667219	0.704196
0.578106	0.605329	0.711494	0.64672	0.594581	0.737301	0.56357	0.506867	0.578377	0.644435
0.558825	0.611514	0.591172	0.603618	0.554153	0.672829	0.511066	0.450865	0.654071	0.591911
0.795227	0.676685	0.497055	0.692381	0.733878	0.514916	0.615836	0.67719	0.62053	0.627445
0.684635	0.785386	0.65832	0.570153	0.579829	0.605565	0.608492	0.518404	0.581738	0.459816
0.535124	0.459828	0.573865	0.617209	0.547766	0.580635	0.458394	0.406882	0.47995	0.406582
0.493981	0.451745	0.580377	0.544499	0.591065	0.637896	0.67953	0.540899	0.524899	0.632098
0.680456	0.549426	0.603104	0.615372	0.675886	0.637896	0.776397	0.831046	0.904453	0.72224
0.578106	0.542538	0.63725	0.394029	0.459824	0.4585	0.607583	0.566252	0.730091	0.656143
0.532898	0.544059	0.6136	0.557137	0.564736	0.546534	0.489086	0.611799	0.556348	0.590209
0.666137	0.698961	0.598805	0.644754	0.80798	0.628134	0.53962	0.567068	0.61869	0.640602
0.484607	0.700051	0.785042	0.731277	0.603499	0.635926	0.661679	0.483323	0.591116	0.441337
0.423536	0.387712	0.401985	0.567683	0.494155	0.584983	0.508889	0.596663	0.591116	0.481756
0.489939	0.397931	0.377662	0.664823	0.718345	0.678212	0.668941	0.587999	0.835717	0.732729
0.831949	0.765908	0.622545	0.625572	0.642108	0.64386	0.58545	0.5471	0.625166	0.80999
0.545668	0.535758	0.644794	0.591306	0.546974	0.74104	0.613988	0.528009	0.483299	0.674319
0.616741	0.549426	0.588657	0.486982	0.725445	0.55217	0.437639	0.60106	0.749509	0.603144
0.594855	0.530557	0.665244	0.655677	0.621904	0.601007	0.583728	0.688934	0.828214	0.836128
0.693116	0.425452	0.517144	0.63891	0.499795	0.635926	0.635723	0.716867	0.70139	0.508368
0.555694	0.573207	0.536721	0.586993	0.62663	0.557059	0.472137	0.676138	0.543803	0.412749

0.576466	0.592364	0.530828	0.64672	0.725445	0.617644	0.68601	0.725022	0.668247	0.550454
0.683586	0.574023	0.577109	0.550772	0.568876	0.601915	0.68601	0.780114	0.747034	0.778728
0.595709	0.441397	0.441827	0.614456	0.559005	0.526983	0.64256	0.699892	0.433787	0.567048
0.555694	0.448065	0.375098	0.487665	0.433457	0.612027	0.637666	0.510439	0.515384	0.549679
0.532158	0.472565	0.554123	0.549983	0.489279	0.602824	0.652518	0.499809	0.419622	0.453568
0.765145	0.513183	0.519276	0.657693	0.433457	0.393697	0.603066	0.576989	0.607807	0.338219
0.557257	0.633416	0.603104	0.478876	0.503358	0.598295	0.610317	0.476634	0.524159	0.451712
0.436385	0.617789	0.592013	0.465043	0.600805	0.62048	0.829033	0.704355	0.809292	0.792044
0.698502	0.667477	0.675331	0.717148	0.66641	0.70387	0.79139	0.709997	0.570087	0.663121
0.78058	0.723593	0.647658	0.593044	0.780041	0.492451	0.615836	0.641806	0.501843	0.793399
0.508431	0.602705	0.779818	0.759714	0.777344	0.669631	0.701515	0.751695	0.563568	0.763269
0.568359	0.550971	0.552582	0.715991	0.668498	0.761547	0.790006	0.871941	0.78573	0.556701
0.76768	0.561154	0.505946	0.619053	0.535267	0.721459	0.582869	0.569527	0.771138	0.678463
0.600008	0.615089	0.5627	0.410295	0.336181	0.540181	0.470809	0.46809	0.765951	0.748342
0.538111	0.655496	0.439449	0.442925	0.424415	0.699297	0.664777	0.554977	0.632688	1.012849
0.652276	0.712223	0.533028	0.69678	0.743721	0.57462	0.711784	0.551809	0.433787	0.585981
0.681497	0.611514	0.397656	0.666882	0.856794	0.609246	0.666854	0.803423	0.734865	0.552786
0.500802	0.625992	0.611833	0.642797	0.543821	0.498854	0.81563	0.78684	0.724197	0.785335
0.583895	0.544059	0.708179	0.617209	0.672704	0.558702	0.693693	0.823605	0.76338	0.625597
0.495336	0.544822	0.550281	0.512976	0.617229	0.554608	0.605771	0.62374	0.570909	0.60227
0.50287	0.502667	0.5627	0.5137	0.583255	0.676051	0.622364	0.549448	0.481956	0.706411
0.526286	0.570769	0.798383	0.649685	0.658157	0.78032	0.714099	0.652619	0.537664	0.666147
0.61764	0.646722	0.714834	0.636979	0.689949	0.516406	0.530399	0.504737	0.577541	0.38699
0.532898	0.721295	0.540445	0.475542	0.538358	0.405676	0.349057	0.532515	0.561953	0.473885
0.606975	0.47646	0.414677	0.549983	0.615373	0.50101	0.53962	0.67719	0.473329	0.417861
0.639789	0.574023	0.491673	0.575973	0.62663	0.58411	0.56275	0.543214	0.598942	0.566243
0.626732	0.619599	0.521419	0.368377	0.386179	0.362234	0.566865	0.401266	0.377066	0.437136
0.540364	0.523233	0.656362	0.450382	0.434066	0.498138	0.740417	0.543988	0.490075	0.331143
0.677347	0.659453	0.764514	0.690198	0.546974	0.588493	0.675263	0.744256	0.705856	0.594478
0.859321	0.90026	0.554896	0.611721	0.701086	0.83579	0.583728	0.62374	0.885373	0.647333
0.661136	0.903735	0.609196	0.675216	0.873246	0.738544	0.484273	0.726199	0.654071	0.542769
0.859321	1.160055	0.960766	0.770059	0.793786	0.781693	0.669988	0.706603	0.798044	0.72109
0.955573	1.077218	0.782422	0.586135	0.742478	0.641863	0.704911	0.650633	0.736067	0.842157
0.826093	0.80439	0.618049	0.709113	0.668498	0.429449	0.852332	0.834059	0.77771	0.85918
1.044389	0.625992	0.695168	1.031255	0.921058	0.673901	1.218377	1.046123	0.849558	0.748342
1.111865	0.731732	0.810751	1.02415	1.337156	1.170949	0.996766	1.001678	1.138384	0.729205
0.949735	0.870182	0.792997	0.831829	1.116285	1.077367	0.866937	0.876917	0.92441	0.89709
0.902179	1.141572	0.86883	1.036057	0.972679	0.821998	0.780435	1.066289	0.840281	1.094212
1.329652	1.074625	1.054947	0.814093	0.668498	0.871472	1.041249	0.721508	0.73128	0.916461
1.009753	0.845089	0.645747	0.702343	0.766718	0.653986	0.805485	0.679302	0.792528	0.745903
1.223278	0.754627	0.656362	0.759714	1.085149	0.831144	0.925127	1.053576	1.22189	0.895371
0.977676	0.96548	1.024261	1.040913	1.400056	1.867635	1.241208	1.157865	1.147392	1.136919
0.8132	1.287097	1.514994	0.710252	1.162695	1.320632	1.182806	1.265809	1.226724	1.187638
0.775374	0.979788	1.437651	0.745881	1.888606	2.284758	0.769749	1.477378	1.501647	1.534141
0.988107	1.436611	1.260694	0.905648	2.286546	1.180425	1.261196	1.079385	1.157011	1.384105
0.87694	0.990304	1.256784	1.266226	0.970576	1.099655	0.719942	1.676264	1.455132	1.019647
1.051661	1.172829	1.059867	1.394073	1.116285	0.801378	0.725864	1.409786	0.988298	0.974154

1.339025	1.68715	1.085337	1.81566	1.077031	1.256292	0.847571	1.066289	0.92441	0.986673
0.878578	1.176082	1.914064	1.215931	0.962264	1.582995	0.94245	1.393042	1.059932	1.293757
0.914479	1.720151	1.791608	0.815543	1.871573	2.243047	1.001239	1.053576	1.224504	1.155251
0.779272	1.421072	1.481079	1.081847	1.390517	1.418423	1.390517	1.427202	1.050638	1.343752
1.445299	1.396844	1.093279	1.313865	1.429214	1.36261	1.705548	1.393404	1.39629	0.978287
1.483807	1.493754	1.178616	1.1547	2.383456	1.308512	0.983615	1.410503	2.016556	0.905788
1.605118	1.473859	1.133557	1.149414	1.273709	0.965467	1.25309	1.720483	1.424716	1.557142
0.990224	1.112414	1.144129	1.066041	1.014705	0.98478	1.188606	1.167529	1.703305	1.589835
1.061549	1.228052	1.352178	1.1547	0.83018	1.209682	1.394172	1.087437	1.494689	1.411373
0.578929	1.160055	1.398173	2.60262	1.137327	1.389621	1.869519	1.557465	0.937605	0.768361
0.93454	1.08509	0.826361	1.089971	1.241223	1.045943	1.12531	1.056089	1.053128	0.767083
1.071669	0.908999	1.006401	0.774003	1.036126	1.31786	0.855536	0.857345	1.123451	1.03357
1.289813	1.085162	1.098655	1.058349	1.286546	1.191647	1.096377	1.197883	1.001557	1.417039
1.294064	1.132617	1.013012	1.066041	1.007793	0.756329	0.888939	0.969544	0.647152	0.834634
1.037237	0.945826	1.185168	0.864724	0.577276	0.80863	0.919502	0.951346	0.527869	0.925559
1.178494	0.748484	0.966713	0.905648	0.727838	1.077367	1.093587	1.194404	1.106182	0.918265
1.800514	0.979788	1.033474	0.914682	1.241223	1.442924	1.036346	1.18413	1.179801	0.493836
1.178494	1.001081	0.618049	0.851897	0.9664	0.726272	0.646516	0.937702	1.092299	0.80718
0.859321	1.189345	1.090615	0.779317	0.615373	0.832687	0.660652	0.785487	0.890494	1.055331
0.665132	1.196131	1.0574	0.851897	0.936298	0.967571	0.892425	0.967484	0.670311	0.687935
0.770229	0.659453	0.617156	0.683714	1.182743	0.49671	0.596819	0.667812	0.627972	0.548134
0.745383	0.819927	0.791661	0.586993	0.799408	0.649907	0.625192	0.854167	0.710369	0.639649
0.735829	0.534266	0.577924	0.669989	0.558192	0.658103	0.890678	0.526518	0.713785	0.708638
0.726481	0.817061	0.65734	0.694575	0.799408	0.633965	0.435189	0.48535	0.551601	0.567048
0.597423	0.588127	0.559561	0.484942	0.654089	0.683662	0.586314	0.644729	0.628911	0.420152
0.66413	0.619599	0.619842	0.615372	0.468981	0.67713	0.699266	0.509007	0.558742	0.789348
0.784526	0.663446	0.803836	0.570153	0.381831	0.854889	0.715261	0.667812	0.661101	0.701993
0.971535	0.845089	0.586988	0.545278	0.390572	0.592032	0.446323	0.576154	0.852694	0.541248
0.51834	0.680841	0.576296	0.593044	0.611685	0.599197	0.482908	0.719181	0.744572	0.471293
0.50149	0.517462	0.468247	0.781999	0.774663	0.66226	0.665814	0.810523	0.363589	0.41729
0.641687	0.822813	0.698384	0.693477	0.950087	0.98478	0.545879	0.715715	0.693682	0.65417
0.544906	0.735268	0.764514	0.494549	0.568876	0.495285	0.63864	0.567068	0.51829	0.54506
0.470275	0.5533	0.463835	0.537549	0.494856	0.339301	0.584588	0.577826	0.441046	0.563838
0.602607	0.790732	0.614486	0.724155	0.660206	0.632988	0.669988	0.686775	0.594577	0.624677
0.63135	0.595784	0.577109	0.496636	0.520133	0.690294	0.53807	0.568706	0.606913	0.681598
0.633212	0.59407	0.604836	0.404617	0.392785	0.523934	0.5184	0.499109	0.576706	0.587667
0.468356	0.608853	0.521419	0.409724	0.583255	0.398791	0.407396	0.511877	0.66009	0.644435
0.573205	0.722442	0.774657	0.498733	0.606211	0.57122	0.447578	0.490116	0.373918	0.513322
0.538111	0.406727	0.569045	0.584425	0.496966	0.491745	0.449467	0.433094	0.473986	0.508368
0.544906	0.537256	0.460089	0.501544	0.504074	0.482674	0.336227	0.430699	0.494192	0.43416
0.793875	0.636233	0.488343	0.680508	0.581538	0.529283	0.535754	0.631256	0.683968	0.531491
0.500115	0.659453	0.561913	0.448506	0.404591	0.350871	0.514717	0.369533	0.461659	0.481095
0.584728	0.486353	0.470151	0.557939	0.434677	0.377139	0.533451	0.416022	0.396995	0.483746
0.485934	0.529819	0.481758	0.397345	0.40745	0.54097	0.589788	0.574488	0.792528	0.633035
0.655209	0.755866	0.616264	0.733677	0.452762	0.553794	0.775059	0.676138	0.616857	0.521948
0.653252	0.570769	0.268638	0.445396	0.611685	0.542553	0.558673	0.517674	0.355498	0.404361
0.43402	0.50475	0.385444	0.266193	0.538358	0.588493	0.525108	0.377912	0.580895	0.507665

0.522656	0.768455	0.694101	0.410295	0.731452	0.713162	0.527368	0.544764	0.977675	0.767083
0.606975	0.693553	0.681498	0.711394	0.633334	0.585858	0.592411	0.715715	0.609602	0.512611
0.514775	0.438998	0.282871	0.480888	0.554153	0.314696	0.510339	0.704355	0.547685	0.456681
0.524104	0.469987	0.38807	0.534495	0.432848	0.444364	0.769749	0.530256	0.664149	0.752026
0.768953	0.67772	0.753379	0.625572	0.72188	0.585858	0.733079	0.811958	0.743347	0.695448
0.576466	0.569152	0.41133	0.454792	0.619093	0.611098	0.541177	0.473328	0.44288	0.708638
0.406053	0.365941	0.584497	0.521751	0.354073	0.676051	0.677391	0.554977	0.430798	0.633973
0.505642	0.66849	0.857817	0.664823	0.526124	0.623335	0.688191	0.53327	0.621454	0.530009
0.470275	0.666466	0.561913	0.679444	0.657137	0.629101	0.536525	0.619109	0.742125	0.587667
0.427003	0.486353	0.417486	0.581024	0.81233	0.477867	0.407969	0.741805	0.601583	0.47194
0.821753	0.851228	0.505946	0.981665	0.874927	0.622381	0.706049	0.911635	0.994799	0.929253
0.788508	0.873423	0.737784	0.663797	0.705621	0.65604	0.63864	0.614526	0.623306	0.562242
0.607854	0.588127	0.586156	0.661753	0.599017	0.592032	0.767119	0.599296	0.671346	0.495199
0.605223	0.477766	0.65832	0.717148	0.664332	0.729917	0.904851	0.949371	0.999188	0.793399
0.756388	0.649627	0.758293	0.667915	0.552547	0.729917	0.697028	0.768262	0.672384	0.684755
0.726481	0.673594	0.532293	0.452897	0.581538	0.908505	0.560299	0.589718	0.73128	0.68055
0.656191	0.728225	0.440042	0.504374	0.90094	0.719072	0.410269	0.618188	0.663131	0.74227
0.916265	0.763376	0.636317	0.763565	1.021729	1.014286	0.758034	0.531008	0.577541	0.84827
0.671197	0.737641	1.013012	1.03365	0.753792	0.672829	0.687099	0.772177	0.732472	0.601397
1.016463	0.749706	0.647658	1.079172	0.99429	0.766828	0.700389	1.092889	1.021822	0.777418
0.895304	0.941999	1.074969	1.103858	0.954108	1.17774	1.012629	0.713419	1.026494	0.984561
0.853088	0.788051	1.377127	0.845623	0.825648	0.876573	0.878645	0.611799	0.846444	0.873623
0.599144	1.176082	0.807972	0.515153	0.791002	1.014286	0.777739	0.892197	1.374818	0.89709
0.910929	1.166395	0.932191	0.876267	1.036126	1.260412	1.753639	0.809094	0.760825	0.988795
0.723027	0.642878	0.7182	0.766151	0.561452	0.728699	0.79838	0.803423	0.558742	0.611987
0.628573	0.559572	0.538207	0.498733	0.686663	0.521662	0.455184	0.810523	0.60424	0.476493
0.680456	0.655496	0.715953	0.536784	0.459177	0.572917	0.526613	0.557369	0.482627	0.627445
0.742975	0.670525	0.753379	0.472234	0.321815	0.368559	0.636694	0.551021	0.346083	0.398858
0.422961	0.343766	0.419746	0.480888	0.373262	0.317992	0.554634	0.342391	0.297877	0.179787
0.457643	0.460456	0.558001	0.385309	0.492756	0.539394	0.434579	0.323326	0.433187	0.449248
0.598283	0.489702	0.495703	0.586135	0.480366	0.43313	0.460978	0.450865	0.304063	0.32881
0.592301	0.399567	0.34024	0.318893	0.395567	0.255178	0.403404	0.408581	0.46294	0.455433
0.445368	0.394138	0.319513	0.238392	0.452126	0.300394	0.403972	0.462272	0.461659	0.440132
0.375636	0.391449	0.214189	0.163326	0.509119	0.481295	0.48359	0.330377	0.333045	0.348323
0.381343	0.38138	0.327686	0.351581	0.428611	0.216842	0.263427	0.398485	0.357507	0.245626
0.383962	0.343766	0.310169	0.413738	0.308823	0.359105	0.263838	0.408014	0.366148	0.528533
0.345765	0.414008	0.410775	0.470918	0.47766	0.407996	0.538844	0.591444	0.382362	0.386459
0.43461	0.320386	0.344507	0.396791	0.425012	0.388663	0.386156	0.321929	0.38343	0.240279
0.347211	0.319022	0.305353	0.307017	0.275399	0.261771	0.370092	0.240763	0.430202	0.282501
0.339081	0.410632	0.324944	0.319356	0.379135	0.408578	0.427922	0.321929	0.354498	0.333489
0.281071	0.379811	0.362006	0.307017	0.353565	0.243079	0.233249	0.295335	0.300518	0.31597
0.356481	0.287941	0.279987	0.309729	0.322287	0.388107	0.25528	0.331326	0.308087	0.380652
0.246426	0.26893	0.388597	0.417789	0.398929	0.228222	0.382896	0.333708	0.259282	0.287128
0.319173	0.288364	0.316376	0.297216	0.234622	0.207947	0.374318	0.31273	0.294382	0.28292
0.210097	0.2995	0.286191	0.213716	0.277521	0.400502	0.373258	0.252487	0.406468	0.392884
0.319173	0.394678	0.403074	0.277411	0.275399	0.314228	0.359191	0.322859	0.304063	0.288822
0.35945	0.379289	0.337419	0.260894	0.328939	0.294982	0.280194	0.337064	0.240046	0.260877

0.36344	0.268526	0.307536	0.281215	0.332787	0.245072	0.324711	0.286678	0.245067	0.236124
0.25571	0.249168	0.273466	0.395684	0.343052	0.213485	0.183298	0.330377	0.34024	0.265278
0.266398	0.279159	0.25331	0.234181	0.245944	0.317992	0.198609	0.340446	0.372874	0.28292
0.307563	0.303423	0.267041	0.228879	0.308366	0.395954	0.279767	0.342391	0.319463	0.242562
0.357963	0.216073	0.350262	0.264965	0.347027	0.41503	0.311192	0.254472	0.368207	0.30969
0.29497	0.331918	0.353655	0.282065	0.36486	0.392013	0.400576	0.287965	0.289621	0.245626
0.346729	0.317663	0.304918	0.355593	0.310196	0.370688	0.337201	0.390792	0.392608	0.305259
0.443557	0.372564	0.266643	0.343665	0.342557	0.30404	0.361762	0.409149	0.330673	0.446188
0.385541	0.403959	0.32677	0.339275	0.293551	0.378223	0.432146	0.416599	0.466807	0.522675
0.444764	0.412317	0.570646	0.493163	0.402885	0.354454	0.339644	0.418918	0.340724	0.385397
0.564361	0.472565	0.515728	0.409724	0.460471	0.471091	0.429125	0.380032	0.416152	0.334431
0.329245	0.469346	0.481758	0.445396	0.448958	0.37931	0.600377	0.487386	0.648134	0.65025
0.384487	0.471274	0.547991	0.525461	0.591065	0.413849	0.467507	0.449616	0.479283	0.426516
0.479995	0.399021	0.604836	0.498032	0.455317	0.371222	0.459038	0.438532	0.443493	0.435348
0.423536	0.269334	0.400356	0.389647	0.470305	0.392013	0.619554	0.551021	0.532362	0.610204
0.411057	0.340416	0.372042	0.564411	0.546184	0.544937	0.602168	0.461631	0.450918	0.410496
0.606975	0.544059	0.542695	0.553943	0.560635	0.558702	0.596819	0.423592	0.530109	0.442545
0.468995	0.507542	0.643844	0.536019	0.404022	0.360145	0.464884	0.457165	0.627972	0.596197
0.507034	0.536506	0.499091	0.510089	0.548559	0.487535	0.541957	0.564623	0.796658	0.53447
0.768953	0.522507	0.517144	0.438024	0.40062	0.435601	0.380197	0.359788	0.411568	0.433567
0.470275	0.448065	0.354629	0.306117	0.381831	0.321313	0.345566	0.364377	0.409294	0.35817
0.383962	0.438998	0.336482	0.532219	0.471633	0.347823	0.403404	0.444654	0.477289	0.409935
0.563566	0.542538	0.374587	0.619978	0.472299	0.39652	0.433361	0.347784	0.336867	0.50208
0.412738	0.416841	0.345939	0.54217	0.345532	0.306335	0.482227	0.418337	0.387725	0.440132
0.421241	0.345692	0.425449	0.390193	0.454677	0.347823	0.403972	0.396273	0.53919	0.461708
0.425844	0.604452	0.503191	0.474216	0.509119	0.659139	0.574372	0.350754	0.453422	0.382228
0.387125	0.489702	0.499771	0.505796	0.450856	0.380946	0.349057	0.383768	0.326435	0.44315
0.470275	0.36746	0.441827	0.401246	0.362784	0.333875	0.375914	0.596663	0.30273	0.504864
0.687796	0.678758	0.677377	0.724155	0.628535	0.64286	0.812707	0.648656	0.426057	0.648303
0.902179	0.552522	0.731932	1.09825	0.784119	0.589375	1.012629	0.788198	0.632688	0.577648
1.129047	0.583096	0.618049	0.867991	0.688851	1.071969	1.336986	0.77349	1.169887	1.047956
0.723027	1.079826	1.045272	1.1484	2.140418	1.395231	1.077213	0.925351	0.467221	0.23361
2.029922	1.229252	1.501108	1.089971	1.345581	1.511007	1.229643	0.160951	0	0
1.378677	1.41534	1.675291	1.295932	1.578976	1.287612	0.321903	0.080476	0.020119	0
1.452003	1.397009	1.34647	1.462723	1.350264	0.643806	0	0.040238	1.276778	0
1.267258	1.192724	2.487388	1.404597	2.172603	0.997035	0	0	1.726216	0
1.304525	1.118091	0.559045	0.981821	2.508395	2.079327	0	0	0	0
1.209	1.454836	0.279523	0.419284	0.700553	0	0	0	0	0
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0.36762	1.448676	1.015239	1.1547	1.257162	1.045943	0.86859	1.003907	0.67972	1.161538
1.098049	0.771017	0.607447	0.526954	0.639163	0.880007	0.572693	0.519135	0.485321	0.643474

0.930823	0.618693	0.510111	0.652671	0.730244	0.611098	0.55143	0.462915	0.432589	0.334431
0.371023	0.446236	0.554123	0.461171	0.367468	0.408578	0.454545	0.279452	0.371833	0.384338
0.298839	0.481049	0.499091	0.36734	0.425012	0.34279	0.39553	0.295773	0.361552	0.34881
0.566755	0.839036	0.885064	0.609003	0.638186	0.755034	0.664777	0.826566	0.988298	0.802999
0.737012	0.736453	0.450862	0.485621	0.507672	0.663305	1.099185	0.926338	0.895676	0.828708
0.449014	0.499217	0.374077	0.417208	0.554958	0.405676	0.541957	0.464848	0.605129	0.765808
0.29241	0.394138	0.417486	0.506508	0.231168	0.465745	0.332837	0.361313	0.566001	0.624677
0.415554	0.31361	0.315484	0.32168	0.38129	0.367498	0.3722	0.242308	0.272735	0.28292
0.466446	0.345692	0.426023	0.369937	0.338623	0.431286	0.349057	0.361822	0.31351	0.425934
0.532158	0.685037	0.772099	0.678383	0.704483	0.483365	0.436412	0.267807	0.413854	0.434753
0.044961	0.02248	0.01124	0.00562	0.00281	0.001405	7.03E-04	3.51E-04	0.134079	1.953196
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160	161	162	163	164	165	166	167	168	169
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0.61209	2.06702	1.033298	1.972417	1.371221	1.404615	1.068443	0.534221	0.267111	0.133555
1.346134	1.166241	1.353324	2.446254	1.557178	1.337827	1.071031	2.50596	1.572406	1.020176
0.537926	0.71216	1.491405	0.982252	0.682245	0.732919	0.880706	0.971661	0.618582	1.237429
0.521043	0.812203	1.136672	0.926923	0.647522	0.644416	0.691028	0.835664	0.559838	0.765417
0.516033	0.700994	0.595004	0.636296	0.673821	0.656149	0.70645	0.678105	0.544302	0.377354
0.680108	0.565696	0.443413	0.463728	0.498593	0.416323	0.561856	0.632885	0.497877	0.327723
0.593759	0.419097	0.463902	0.562224	0.534897	0.523159	0.597002	0.616602	0.524672	0.42393
0.556271	0.48624	0.583131	0.498965	0.701817	0.51449	0.50329	0.600001	0.653291	0.463745
0.48249	0.281942	0.504525	0.526114	0.48691	0.376031	0.568335	0.54965	0.406441	0.364404
0.402677	0.10222	0.573206	0.704022	0.609936	0.443394	0.66478	0.643756	0.412921	0.513297
0.403774	0.440951	0.38771	0.545718	0.547186	0.430236	0.636196	0.57197	0.661629	0.553971
0.421727	0.520501	0.537133	0.437702	0.487589	0.595219	0.400004	0.360582	0.530857	0.551609
0.499965	0.437332	0.337396	0.460546	0.668639	0.599547	0.309372	0.52006	0.520089	0.494305
0.39292	0.306125	0.447067	0.48533	0.486232	0.503194	0.477386	0.398704	0.420103	0.581684
0.674947	0.655011	0.57814	0.423502	0.594898	0.454464	0.373684	0.462347	0.411736	0.379462
0.705773	0.597511	0.437391	0.52759	0.729365	0.584163	0.451691	0.565236	0.468572	0.42923
0.347175	0.48624	0.605446	0.60249	0.613552	0.602165	0.508946	0.586636	0.703582	0.640157
0.510376	0.450133	0.494178	0.560625	0.424489	0.421488	0.589227	0.475053	0.441755	0.539986
0.392384	0.62531	0.584808	0.467576	0.43459	0.528297	0.61844	0.419696	0.511068	0.566793
0.453813	0.590616	0.609872	0.671923	0.576178	0.358702	0.631453	0.823385	0.955685	0.762855
0.598896	0.591472	0.554012	0.458649	0.500688	0.250469	0.604031	0.682459	0.691015	0.544598
0.556271	0.817937	0.38985	0.414287	0.70293	0.613695	0.416942	0.536944	0.689891	0.524219
0.49114	0.471046	0.53563	0.581891	0.701817	0.491506	0.500489	0.784332	0.883351	0.703269
0.586165	0.488938	0.616145	0.631571	0.570387	0.62186	0.488784	0.579673	0.537132	0.645974
0.552385	0.455111	0.607211	0.501744	0.465091	0.625539	0.640029	0.452572	0.357286	0.433996
0.669846	0.407167	0.472895	0.626897	0.543308	0.529036	0.460512	0.463667	0.467898	0.713409
0.519606	0.436731	0.430861	0.540352	0.544081	0.45759	0.677181	0.588394	0.45463	0.508293

0.414907	0.450753	0.546258	0.357228	0.512753	0.866136	0.616613	0.503084	0.599927	0.487476
0.658832	0.632783	0.57076	0.515193	0.673821	0.63582	0.593529	0.543251	0.682099	0.401127
0.563356	0.361968	0.521611	0.367851	0.34919	0.400635	0.649761	0.548845	0.441121	0.438815
0.39292	0.239556	0.475499	0.297558	0.382535	0.461371	0.594395	0.552074	0.441755	0.431011
0.723766	0.545197	0.554012	0.338164	0.317304	0.582487	0.505402	0.552885	0.388681	0.584217
0.516033	0.322875	0.286355	0.5343	0.507033	0.439766	0.502588	0.633862	0.553229	0.459913
0.355455	0.421408	0.49146	0.425252	0.326111	0.454464	0.4067	0.419099	0.463208	0.472166
0.348625	0.504082	0.546258	0.425837	0.327988	0.56047	0.438786	0.380315	0.47264	0.440636
0.527572	0.488938	0.609872	0.633454	0.557434	0.632053	0.608483	0.574522	0.571652	0.599729
0.413219	0.54366	0.364851	0.408625	0.440034	0.360705	0.331027	0.405589	0.378693	0.215877
0.350079	0.309244	0.328461	0.306802	0.185704	0.243515	0.424493	0.457106	0.279996	0.26333
0.435104	0.338379	0.316979	0.212756	0.363752	0.439766	0.599624	0.447447	0.513305	0.542286
0.362394	0.339816	0.423847	0.353744	0.413471	0.319094	0.364913	0.458411	0.449434	0.466965
0.465691	0.524153	0.473544	0.346371	0.49929	0.453842	0.255347	0.454509	0.361484	0.548479
0.667823	0.704313	0.606328	0.476691	0.743824	0.691225	0.625828	0.85639	0.618582	0.670052
0.811238	0.720151	0.41297	0.782964	0.790333	0.495596	0.554681	0.622279	0.573367	0.411241
0.780082	0.480895	0.620682	0.559031	0.541767	0.411783	0.490827	0.495193	0.428635	0.422178
0.804272	0.665043	0.448906	0.37508	0.535655	0.400635	0.487427	0.454509	0.527753	0.589326
0.562563	0.551402	0.506624	0.652756	0.525904	0.437364	0.447347	0.615663	0.47264	0.456746
0.528303	0.426651	0.724229	0.538073	0.524423	0.555725	0.373163	0.502361	0.3174	0.451101
0.653916	0.448898	0.551671	0.517356	0.399388	0.414615	0.373684	0.445541	0.407612	0.513297
0.459399	0.407727	0.292738	0.479993	0.511316	0.406731	0.255744	0.481204	0.50369	0.38746
0.470791	0.336946	0.406795	0.51019	0.443088	0.304297	0.395049	0.425106	0.424958	0.47479
0.516745	0.472998	0.587334	0.574411	0.553464	0.472266	0.604031	0.5246	0.347476	0.524219
0.536431	0.466525	0.411277	0.382961	0.416921	0.570118	0.429798	0.407328	0.530857	0.459278
0.35792	0.417373	0.465175	0.391529	0.299768	0.359202	0.391233	0.305333	0.323154	0.465674
0.43688	0.429002	0.460104	0.387224	0.337017	0.520975	0.447347	0.312742	0.312191	0.488154
0.35792	0.338858	0.353364	0.429953	0.584587	0.392998	0.356817	0.471673	0.441755	0.396707
0.29797	0.443381	0.422112	0.366317	0.536415	0.400635	0.349361	0.505261	0.515555	0.339609
0.339524	0.293002	0.381882	0.395877	0.327988	0.194634	0.419252	0.386912	0.308909	0.343969
0.452581	0.434338	0.242975	0.371967	0.305535	0.220018	0.357821	0.434276	0.39833	0.458643
0.367419	0.338858	0.268966	0.340562	0.324242	0.234413	0.415219	0.439246	0.3949	0.416963
0.362894	0.297768	0.45759	0.401927	0.367341	0.355714	0.330083	0.332813	0.286158	0.378934
0.464425	0.441557	0.55323	0.510901	0.547966	0.44522	0.389068	0.437376	0.375414	0.300017
0.355455	0.411107	0.312919	0.281734	0.343304	0.381789	0.298279	0.385806	0.380342	0.253732
0.336219	0.328449	0.287201	0.256445	0.299768	0.313655	0.287889	0.262938	0.422523	0.349851
0.381285	0.404931	0.350417	0.348815	0.405528	0.39571	0.361859	0.349769	0.421917	0.338646
0.354472	0.331263	0.298781	0.369904	0.344279	0.237426	0.337213	0.254689	0.331439	0.303995
0.369445	0.30039	0.309786	0.398617	0.336537	0.268357	0.284481	0.282093	0.310781	0.361353
0.384427	0.383714	0.370454	0.361244	0.370441	0.379687	0.355815	0.294452	0.349523	0.419852
0.296679	0.328449	0.328461	0.295819	0.356661	0.404504	0.323998	0.289555	0.372159	0.311611
0.272458	0.291282	0.285933	0.255258	0.320991	0.332526	0.381043	0.28867	0.305651	0.345921
0.288174	0.321953	0.223539	0.321739	0.261813	0.263916	0.338172	0.269653	0.341896	0.327254
0.302734	0.339337	0.296181	0.310377	0.244787	0.174231	0.270696	0.204216	0.269631	0.27067
0.279006	0.27486	0.354351	0.284261	0.380938	0.338685	0.394501	0.296697	0.336885	0.389078
0.293257	0.274447	0.384522	0.301056	0.394976	0.394623	0.258933	0.330861	0.371619	0.350345
0.34429	0.367047	0.302711	0.233676	0.317763	0.406173	0.266604	0.271347	0.380893	0.331491

0.391849	0.316006	0.352871	0.38776	0.360698	0.384432	0.414073	0.325057	0.369466	0.375256
0.349594	0.41224	0.334083	0.371967	0.427436	0.388694	0.397244	0.345215	0.330456	0.316153
0.333873	0.353466	0.404571	0.407502	0.388441	0.402841	0.415219	0.400987	0.311721	0.320744
0.379722	0.335519	0.496913	0.529815	0.485556	0.525353	0.524891	0.353343	0.342401	0.532406
0.55084	0.433147	0.489432	0.52759	0.536415	0.47097	0.468219	0.443012	0.436083	0.466319
0.460024	0.484898	0.342653	0.218528	0.475533	0.401737	0.391233	0.390807	0.406441	0.355814
0.434514	0.480231	0.351888	0.280057	0.425665	0.343001	0.452315	0.488842	0.45463	0.360341
0.461905	0.413375	0.396875	0.47081	0.454894	0.354228	0.376823	0.452572	0.449434	0.38052
0.366914	0.481559	0.356828	0.367339	0.369923	0.439766	0.256937	0.337731	0.256599	0.354316
0.389716	0.406047	0.378735	0.355234	0.275348	0.371891	0.45545	0.377595	0.269631	0.431011
0.35891	0.302146	0.440994	0.429363	0.431595	0.407289	0.604031	0.505989	0.471959	0.657846
0.370972	0.442772	0.483406	0.449283	0.495124	0.476177	0.620275	0.436133	0.65744	0.550041
0.426913	0.502683	0.399608	0.274652	0.409482	0.493546	0.389068	0.283837	0.621451	0.438815
0.509674	0.441557	0.35882	0.442541	0.508456	0.484775	0.486075	0.518558	0.440488	0.391787
0.417736	0.471695	0.417517	0.48399	0.61446	0.507396	0.497014	0.548845	0.607294	0.546146
0.3994	0.481559	0.390386	0.454878	0.528881	0.442787	0.459876	0.488143	0.453977	0.489513
0.523933	0.511857	0.604566	0.596381	0.534897	0.559676	0.482043	0.445541	0.392062	0.484101
0.75841	0.759938	0.822553	0.750882	0.718829	0.559676	0.506109	0.556963	0.582918	0.523482
0.46065	0.505485	0.55323	0.44498	0.594029	0.566878	0.374728	0.414352	0.5435	0.471512
0.370972	0.448281	0.419234	0.367851	0.44802	0.380737	0.532337	0.495193	0.475372	0.543055
0.524658	0.311487	0.399608	0.622272	0.601027	0.429648	0.673008	0.689074	0.477433	0.463104
0.534199	0.507599	0.505923	0.474067	0.52221	0.44461	0.508946	0.536163	0.511068	0.397257
0.442852	0.497133	0.532641	0.526851	0.541767	0.490828	0.562661	0.501639	0.468572	0.418694
0.514612	0.420829	0.520885	0.499658	0.486232	0.488801	0.52563	0.352831	0.39604	0.46055
0.573797	0.593189	0.54549	0.57772	0.633994	0.503194	0.590084	0.611926	0.538715	0.496374
0.485133	0.544428	0.480094	0.502442	0.509169	0.432599	0.489464	0.548041	0.531637	0.376304
0.513195	0.528578	0.441598	0.478009	0.425077	0.393539	0.550746	0.5246	0.446218	0.418694
0.537178	0.617054	0.461366	0.508063	0.569566	0.594358	0.676134	0.655935	0.60544	0.585913
0.456907	0.516878	0.498976	0.468867	0.565484	0.534993	0.406138	0.664248	0.618582	0.51043
0.570558	0.490293	0.557941	0.476034	0.550314	0.47097	0.512519	0.689074	0.541101	0.554762
0.641389	0.451993	0.690815	0.606021	0.582047	0.656149	0.619357	0.636807	0.572509	0.67212
0.685331	0.554538	0.624346	0.741097	0.658455	0.740074	0.646818	0.694664	0.482977	0.664924
0.61827	0.657996	0.489432	0.475377	0.59664	0.523889	0.439999	0.754919	0.594484	0.466965
0.736584	0.693345	0.529672	0.54649	0.617198	0.376031	0.571611	0.63191	0.546718	0.516907
0.667823	0.738987	0.590727	0.635346	0.709673	0.565267	0.713231	0.758814	0.634106	0.641121
0.471433	0.619789	0.601938	0.514475	0.655446	0.602165	0.481375	0.546438	0.673362	0.546146
0.545476	0.427238	0.41297	0.496892	0.502793	0.541795	0.607589	0.499479	0.5435	0.498454
0.49316	0.378436	0.630834	0.578551	0.456156	0.662137	0.598748	0.471001	0.541899	0.554762
0.670862	0.54674	0.671935	0.698505	0.766456	0.649267	0.737835	0.711879	0.478122	0.552395
0.549301	0.611636	0.473544	0.42234	0.727002	0.541795	0.598748	0.634842	0.61668	0.587616
0.547767	0.621621	0.508734	0.424085	0.57121	0.490151	0.641958	0.643756	0.562343	0.664924
0.763412	0.857176	0.680225	0.559828	0.664536	0.543321	0.612981	0.787107	0.671205	0.721462
0.507576	0.702097	0.524525	0.508063	0.555841	0.655159	0.541444	0.704911	0.614787	0.570878
0.637607	0.484228	0.573206	0.494144	0.458055	0.62739	0.547623	0.516313	0.512558	0.567607
0.513195	0.52342	0.541672	0.465648	0.519278	0.7201	0.600502	0.500198	0.627246	0.585064
0.539425	0.616147	0.572389	0.608687	0.623653	0.615496	0.591803	0.531501	0.58733	0.636323
0.49114	0.513286	0.39416	0.491413	0.637816	0.478146	0.453566	0.525362	0.494999	0.502643

0.634791	0.486913	0.487414	0.481987	0.482861	0.402289	0.343487	0.536163	0.440488	0.520548
0.484471	0.52636	0.649922	0.58273	0.494434	0.469678	0.631453	0.735949	0.653291	0.730853
0.518889	0.524888	0.547798	0.583571	0.468327	0.488801	0.54607	0.495905	0.596291	0.573348
0.562563	0.552967	0.595004	0.54341	0.432192	0.585004	0.527854	0.405011	0.437337	0.499846
0.539425	0.520501	0.539396	0.453005	0.406091	0.625539	0.616613	0.474375	0.481585	0.47086
0.516033	0.467168	0.469018	0.617697	0.570387	0.575846	0.590084	0.530729	0.480197	0.490194
0.55007	0.617964	0.377691	0.538073	0.646542	0.546389	0.494942	0.533049	0.557348	0.49293
0.575426	0.552184	0.640273	0.488023	0.595768	0.381789	0.589227	0.64176	0.502959	0.530906
0.689555	0.447666	0.530412	0.564635	0.721148	0.584163	0.628631	0.652858	0.683204	0.653853
0.603224	0.564084	0.486743	0.445593	0.487589	0.510928	0.502588	0.633862	0.48089	0.485448
0.551612	0.490293	0.646037	0.493459	0.346237	0.568495	0.569152	0.492359	0.351065	0.503345
0.666814	0.476271	0.719622	0.66375	0.601027	0.747349	0.689947	0.485354	0.549148	0.531655
0.527572	0.53984	0.617955	0.66375	0.543308	0.431416	0.564274	0.757512	0.621451	0.541517
0.477251	0.552184	0.406795	0.435902	0.618114	0.532004	0.527111	0.664248	0.517061	0.46503
0.569751	0.460147	0.404016	0.498965	0.587142	0.543321	0.647797	0.57709	0.431103	0.500544
0.634791	0.511144	0.501048	0.575236	0.48085	0.482111	0.811202	0.63191	0.515555	0.656844
0.586165	0.544428	0.485405	0.54341	0.564672	0.438563	0.57079	0.57881	0.534769	0.543826
0.536431	0.480895	0.490107	0.448666	0.589712	0.590081	0.574084	0.461031	0.606366	0.626881
0.537926	0.508306	0.617955	0.541878	0.60191	0.533496	0.45545	0.477094	0.526981	0.437605
0.726068	0.67844	0.636473	0.61407	0.652457	0.465185	0.430986	0.455157	0.495717	0.386385
0.465691	0.672205	0.526723	0.461181	0.594029	0.53126	0.479376	0.593713	0.551592	0.46055
0.48846	0.458883	0.34895	0.405822	0.488268	0.40953	0.564274	0.564402	0.453977	0.484101
0.461905	0.419097	0.469018	0.588649	0.588853	0.53275	0.657706	0.629967	0.537132	0.612189
0.406531	0.354954	0.469018	0.583571	0.696291	0.602165	0.55153	0.52842	0.533984	0.533911
0.559406	0.358948	0.516557	0.592928	0.613552	0.518081	0.589227	0.471673	0.436083	0.519817
0.509674	0.328917	0.569137	0.54649	0.503497	0.508805	0.575741	0.495905	0.547527	0.591903
0.570558	0.597511	0.479434	0.474722	0.491683	0.44828	0.430391	0.588394	0.559007	0.536938
0.617371	0.642308	0.492817	0.495516	0.466383	0.625539	0.463707	0.477776	0.588218	0.56194
0.540177	0.575493	0.340256	0.53656	0.517092	0.548704	0.420411	0.610997	0.509582	0.42923
0.589524	0.557697	0.472246	0.72682	0.676961	0.625539	0.624898	0.659034	0.620493	0.582527
0.521043	0.507599	0.536381	0.579383	0.567929	0.651222	0.601382	0.422693	0.615733	0.628753
0.461905	0.420829	0.589876	0.631571	0.495816	0.342038	0.56997	0.486746	0.490718	0.634418
0.518173	0.54674	0.773199	0.675028	0.528135	0.474217	0.535351	0.495193	0.446859	0.752755
0.592909	0.549843	0.601065	0.635346	0.536415	0.50529	0.334347	0.561908	0.549148	0.468908
0.521764	0.572203	0.437391	0.418295	0.402726	0.518803	0.381043	0.507449	0.583797	0.527921
0.54244	0.537564	0.395244	0.523174	0.567112	0.520975	0.473433	0.491654	0.561506	0.481421
0.726068	0.661002	0.509439	0.60958	0.830299	0.707649	0.597874	0.618486	0.641076	0.539222
0.574611	0.560879	0.462632	0.570311	0.540998	0.596081	0.579911	0.506718	0.494999	0.442464
0.538675	0.475614	0.463902	0.481321	0.44802	0.432599	0.454821	0.506718	0.453977	0.610387
0.569751	0.59405	0.604566	0.517356	0.559032	0.569306	0.552316	0.702613	0.717719	0.719146
0.603224	0.484228	0.440994	0.400269	0.610837	0.529036	0.396145	0.51408	0.582918	0.497066
0.61827	0.506893	0.498287	0.435902	0.607244	0.644416	0.460512	0.461689	0.575088	0.535422
0.819747	0.699893	0.501741	0.65177	0.700706	0.466464	0.539149	0.691301	0.619537	0.480086
0.693821	0.813629	0.66582	0.529073	0.728182	0.663143	0.645842	0.56859	0.70127	0.585913
0.572174	0.527837	0.530412	0.471459	0.49929	0.510928	0.524891	0.520814	0.612901	0.544598
0.61827	0.375301	0.560316	0.541114	0.52739	0.479464	0.65471	0.633862	0.599015	0.552395
0.532718	0.410542	0.616145	0.799248	0.724651	0.71781	0.798542	0.812918	0.636086	0.479421

0.485796	0.594912	0.550118	0.532052	0.730552	0.835124	0.687793	0.650819	0.684311	0.539986
0.564946	0.667077	0.452607	0.513758	0.576178	0.643453	0.625828	0.739677	0.800585	0.568422
0.715802	0.772751	0.561907	0.598118	0.754993	0.680612	0.745128	0.805593	0.767127	0.567607
0.641389	0.8556	0.74437	0.469513	0.630205	0.663143	0.662747	0.542457	0.608223	0.680492
0.589524	0.501289	0.57076	0.592069	0.634946	0.612797	0.631453	0.542457	0.42618	0.566793
0.62098	0.415655	0.565909	0.665779	0.482861	0.611901	0.736631	0.600907	0.49214	0.530906
0.737768	0.74872	0.725388	0.945885	0.830299	0.862934	0.760094	0.862971	0.791975	0.58847
0.546238	0.756166	0.822553	0.700703	0.655446	0.601291	0.532337	0.505261	0.686534	0.73924
0.556271	0.71216	0.694043	0.564635	0.676961	0.62739	0.448584	0.613791	0.620493	0.486123
0.978818	1.176003	0.770614	0.694141	1.029827	0.884187	0.804123	0.917669	0.700118	0.733233
0.787996	0.89168	0.825467	0.711866	0.63974	0.826237	0.763917	0.611926	0.793398	0.704384
0.772309	0.651063	0.508734	0.691975	0.564672	0.54562	0.682455	0.576232	0.710593	0.607698
0.771026	0.588059	0.58818	0.793751	0.753737	0.652203	0.757563	0.67919	0.848007	0.673158
0.680108	0.617964	0.768045	0.680254	0.711944	0.79786	0.591803	0.540875	0.947478	0.686879
0.58035	0.796814	0.914368	0.711866	0.630205	0.757242	0.601382	0.529188	0.90492	0.683674
0.857114	0.950171	0.543195	0.731527	0.8185	0.734103	0.593529	0.821874	0.86448	0.678384
0.694894	0.795441	0.678138	0.767268	0.753737	0.691225	0.894317	0.795541	0.756523	0.936399
0.656859	0.622541	0.731231	0.877854	0.717674	0.587535	0.66478	0.805593	0.553229	0.706623
0.742537	0.548289	0.520885	0.879514	0.802783	0.575023	0.481375	0.848301	0.645109	0.663906
0.881182	0.714428	0.778413	0.871276	0.864504	0.777731	0.695378	0.837224	0.665859	0.842547
0.691683	0.752427	0.70167	0.83527	0.92703	0.908301	0.751301	0.774755	0.535555	0.785131
0.722619	0.738987	0.855731	0.621353	1.064297	0.892646	0.447965	0.67919	0.729862	0.699941
0.70248	0.858759	0.99279	0.767268	1.069453	1.011815	0.693197	0.677023	0.779373	0.949942
0.621888	0.695516	0.816784	0.810453	0.590572	0.836623	0.862661	0.57197	0.765787	0.95988
0.663804	0.555326	0.450752	0.625041	0.714227	0.576671	0.712093	0.723747	0.750025	0.767995
0.841779	0.655011	0.634585	0.765986	0.746281	0.51736	0.906587	0.886824	0.879859	0.881034
0.930022	0.970192	0.766767	0.784298	0.814157	0.729385	1.010541	0.906531	0.974738	0.95389
0.668833	0.717852	0.632705	0.50384	0.7426	0.671276	0.657706	0.570277	0.746172	0.767995
0.522486	0.796814	0.757919	0.442541	0.740164	0.668208	0.504697	0.556144	0.912354	0.850289
0.720335	0.828158	0.914368	0.72682	1.00678	0.939506	0.869137	0.980263	1.274299	1.294334
0.55084	0.740192	0.720769	0.725651	0.605459	0.743696	0.611176	0.640764	0.641076	0.942151
0.749791	0.812203	0.760429	0.925072	0.753737	0.69338	0.601382	0.615663	0.628219	0.791907
0.75841	0.578809	0.734775	1.043241	0.989184	0.947186	1.015082	0.917669	0.746172	0.917757
0.718063	0.608953	0.813928	0.795119	0.847065	0.835124	0.692111	0.553697	0.822885	0.884401
0.699213	0.785954	0.835821	0.573588	0.551099	0.631117	0.799931	0.613791	0.829031	0.779786
0.774884	1.337595	0.988513	0.574411	0.788972	0.824773	0.756304	0.754919	0.756523	0.850289
0.747359	0.709903	0.997108	0.990764	0.862889	0.811817	0.947575	0.646769	0.628219	0.896394
0.736584	0.687963	0.769328	0.877854	0.504202	0.650243	0.546846	0.893888	0.769818	0.791907
0.906662	0.873266	0.521611	0.821955	0.711944	0.844198	0.748822	0.969537	0.712955	0.735625
0.943142	0.840141	0.638369	0.760892	0.685446	0.885866	0.735431	0.773404	0.786329	0.972115
0.622797	0.591472	0.655816	0.691975	0.524423	0.731738	0.775593	0.589276	0.787734	1.115357
0.68219	0.649102	0.76422	0.654734	0.707414	0.746128	0.787591	0.586636	1.050179	0.841016
0.749791	0.743826	0.725388	0.763431	0.891189	0.983533	1.097802	0.529958	0.866162	0.747791
0.583663	0.645207	0.677098	0.700703	0.563862	0.594358	0.840729	0.737188	0.658483	0.697737
0.731879	0.626237	0.527459	0.529073	0.63974	0.538759	0.577404	0.895671	0.603595	0.428638
0.857114	0.643272	0.515124	0.670893	0.743824	0.718953	0.716662	0.673794	0.695543	0.77189
0.601488	0.627166	0.675026	0.675028	0.584587	0.919061	0.640992	0.477776	0.632135	0.699941

0.45074	0.601876	0.738349	0.529815	0.528881	0.772518	0.682455	0.70376	0.683204	0.705502
0.564946	0.608062	0.603688	0.506651	0.715373	0.686949	0.50329	0.680277	1.04	0.938308
0.589524	0.641346	0.720769	0.511613	0.514917	0.594358	0.646818	0.616602	0.57942	0.755258
0.497913	0.448898	0.592433	0.630632	0.496508	0.557301	0.466925	0.597295	0.52621	0.615816
0.612012	0.611636	0.501048	0.633454	0.638777	0.548704	0.363893	0.683555	0.550776	0.373689
0.534942	0.58891	0.575666	0.676068	0.728182	0.74491	0.431581	0.774755	0.760469	0.611287
0.453813	0.570567	0.531154	0.547263	0.480182	0.701005	0.638108	0.577949	0.505156	0.628753
0.511079	0.533797	0.638369	0.469513	0.509169	0.551811	0.521948	0.565236	0.569945	0.654847
0.589524	0.549065	0.4356	0.364281	0.579522	0.564464	0.449824	0.508914	0.775253	0.708873
0.538675	0.538321	0.648947	0.447434	0.437606	0.625539	0.600502	0.523082	0.653291	0.689029
0.605842	0.434935	0.528933	0.53056	0.567112	0.58669	0.516121	0.57881	0.523905	0.521279
0.581176	0.461415	0.456339	0.65177	0.573687	0.479464	0.519754	0.490246	0.480197	0.463745
0.716931	0.752427	0.685488	0.796491	0.612645	0.476177	0.481375	0.327466	0.457251	0.490194
0.46065	0.470397	0.735963	0.670893	0.548747	0.498343	0.520484	0.383601	0.380893	0.492245
0.441651	0.451993	0.444628	0.389371	0.606351	0.564464	0.426254	0.366884	0.541899	0.427456
0.417169	0.585516	0.513696	0.473414	0.751238	0.625539	0.537626	0.483966	0.644097	0.701048
0.470791	0.407167	0.49146	0.433513	0.520742	0.566878	0.498401	0.552074	0.439856	0.464387
0.393993	0.436731	0.450752	0.414857	0.378819	0.459477	0.291756	0.530729	0.478813	0.444915
0.54244	0.475614	0.475499	0.544947	0.399388	0.559676	0.347885	0.711879	0.60544	0.539222
0.486461	0.253492	0.497599	0.548038	0.587997	0.640575	0.587518	0.557783	0.443662	0.515459
0.421727	0.321032	0.525256	0.589502	0.38147	0.52025	0.600502	0.428141	0.358856	0.46055
0.368938	0.552967	0.49486	0.453005	0.509169	0.54562	0.428613	0.342706	0.67553	0.553971
0.34477	0.487587	0.503827	0.520255	0.526646	0.554155	0.532337	0.437376	0.570798	0.605914
0.365905	0.437332	0.442202	0.425837	0.48691	0.538003	0.466925	0.439246	0.4893	0.511861
0.517458	0.519774	0.410152	0.448049	0.408349	0.406173	0.332921	0.522325	0.405856	0.343969
0.465691	0.337424	0.475499	0.513042	0.564672	0.529036	0.450445	0.532274	0.575951	0.49156
0.430404	0.444601	0.528933	0.552715	0.472899	0.493546	0.457341	0.448085	0.479504	0.441244
0.479208	0.402706	0.435005	0.561424	0.430402	0.383902	0.471471	0.471001	0.486479	0.424516
0.418304	0.458883	0.40903	0.409752	0.493056	0.491506	0.456079	0.416719	0.467898	0.411809
0.399944	0.397195	0.373025	0.446205	0.387361	0.496281	0.538387	0.311809	0.38812	0.47282
0.425177	0.471046	0.494178	0.42176	0.397176	0.371891	0.396694	0.408491	0.278687	0.450479
0.466325	0.274034	0.460735	0.464367	0.487589	0.440369	0.398346	0.551264	0.339885	0.431011
0.470791	0.393378	0.472246	0.458649	0.484881	0.441576	0.575741	0.555327	0.389805	0.578331
0.451353	0.400493	0.510146	0.5343	0.453008	0.408969	0.56752	0.503084	0.434209	0.540751
0.32922	0.541364	0.474846	0.331519	0.426845	0.478146	0.443657	0.440498	0.567396	0.441244
0.479208	0.472998	0.456339	0.476691	0.413471	0.408969	0.44427	0.417313	0.441755	0.490194
0.46951	0.453862	0.420383	0.382432	0.308223	0.373956	0.388528	0.366355	0.400632	0.451101
0.46696	0.446437	0.414102	0.315794	0.392241	0.469033	0.275242	0.450643	0.485075	0.435797
0.426333	0.581312	0.501741	0.495516	0.643614	0.50459	0.425079	0.419696	0.541899	0.646951
0.485796	0.384777	0.40903	0.409188	0.49929	0.40953	0.532337	0.477094	0.339384	0.451101
0.388653	0.426651	0.42559	0.44072	0.356661	0.412347	0.486751	0.431811	0.423739	0.425689
0.433336	0.446437	0.416946	0.425837	0.379877	0.437963	0.424493	0.448085	0.521611	0.529411
0.38233	0.439137	0.406237	0.456131	0.37148	0.365247	0.404457	0.505261	0.431723	0.353817
0.351539	0.411673	0.436793	0.437101	0.450507	0.375512	0.338172	0.352319	0.378144	0.371608
0.497913	0.403817	0.433224	0.354737	0.422146	0.327382	0.301356	0.375972	0.42618	0.423345
0.527572	0.457622	0.419234	0.402482	0.465736	0.352255	0.410655	0.400987	0.339384	0.347882
0.48249	0.465883	0.44402	0.441326	0.324242	0.348334	0.412931	0.551264	0.373241	0.36186

0.362394	0.484228	0.506624	0.412014	0.310024	0.535744	0.449824	0.475053	0.434209	0.519088
0.363394	0.409414	0.337871	0.437101	0.511316	0.426132	0.501188	0.51112	0.538715	0.557937
0.432161	0.460781	0.406237	0.37404	0.411757	0.411218	0.487427	0.408491	0.423739	0.447379
0.325532	0.399391	0.381356	0.386689	0.378819	0.334412	0.430391	0.283837	0.364659	0.384778
0.407084	0.388519	0.326141	0.339121	0.35266	0.3968	0.432177	0.445541	0.394331	0.347882
0.533458	0.415655	0.283828	0.472761	0.48691	0.440369	0.472778	0.559429	0.41411	0.273558
0.485796	0.452615	0.473544	0.488023	0.35817	0.515206	0.470167	0.515567	0.400632	0.49293
0.442251	0.465242	0.476152	0.538073	0.424489	0.441576	0.446113	0.461031	0.330456	0.48343
0.4223	0.433147	0.41297	0.431136	0.386284	0.476833	0.463707	0.360582	0.385883	0.389078
0.417736	0.48624	0.429684	0.437101	0.394976	0.448894	0.381573	0.351297	0.435458	0.291304
0.415472	0.480231	0.482741	0.498965	0.48085	0.491506	0.482712	0.503808	0.452674	0.393967
0.507576	0.447051	0.453226	0.51019	0.534897	0.439164	0.490827	0.5955	0.443025	0.367477
0.46951	0.403261	0.497599	0.491413	0.429213	0.343001	0.445498	0.459064	0.338383	0.482089
0.515322	0.463962	0.509439	0.505946	0.386284	0.369323	0.382636	0.546438	0.385883	0.550041
0.448298	0.511144	0.465175	0.548038	0.491683	0.341077	0.328202	0.476413	0.347476	0.352326
0.402129	0.48624	0.444628	0.486674	0.567929	0.507396	0.506109	0.395302	0.371619	0.377354
0.448298	0.478246	0.389314	0.50384	0.478848	0.483441	0.437577	0.395868	0.52544	0.533158
0.445869	0.424896	0.43441	0.42176	0.474214	0.412913	0.403339	0.450643	0.596291	0.552395
0.583663	0.489615	0.453226	0.362254	0.478848	0.450126	0.500489	0.635823	0.496436	0.47086
0.526841	0.402706	0.43441	0.494144	0.553464	0.511638	0.572434	0.552074	0.462542	0.665945
0.557836	0.401045	0.4356	0.541878	0.595768	0.539516	0.527111	0.57881	0.51933	0.61764
0.507576	0.497133	0.458218	0.521712	0.443088	0.419185	0.484727	0.423898	0.381997	0.522746
0.424024	0.515438	0.55323	0.50948	0.456788	0.613695	0.553891	0.397567	0.412921	0.563552
0.567342	0.590616	0.57814	0.542643	0.568747	0.723559	0.584968	0.487444	0.588218	0.701048
0.665809	0.577977	0.472895	0.585257	0.516366	0.423804	0.469517	0.569433	0.522374	0.416963
0.58533	0.502683	0.562704	0.60249	0.582892	0.408969	0.482043	0.56691	0.443025	0.409539
0.557053	0.557697	0.762953	0.705134	0.579522	0.453842	0.506109	0.495193	0.448145	0.514017
0.673922	0.585516	0.589027	0.456759	0.567929	0.44522	0.474747	0.480517	0.390368	0.557937
0.555491	0.490972	0.549343	0.41772	0.493056	0.503892	0.512519	0.483274	0.340387	0.494993
0.520324	0.552967	0.54857	0.414857	0.361714	0.607448	0.553103	0.419696	0.403527	0.389618
0.641389	0.637519	0.619771	0.622272	0.531127	0.511638	0.536866	0.591045	0.65536	0.653853
0.630138	0.545968	0.450752	0.456131	0.630205	0.544086	0.467571	0.499479	0.65744	0.524219
0.656859	0.551402	0.566713	0.552715	0.617198	0.513062	0.63051	0.505261	0.523139	0.466965
0.773594	0.59405	0.635528	0.688747	0.793069	0.691225	0.674047	0.621328	0.594484	0.596233
0.431575	0.533048	0.574845	0.443759	0.534897	0.680612	0.617526	0.509648	0.582918	0.664924
0.466325	0.585516	0.582295	0.507356	0.478848	0.764813	0.611176	0.516313	0.551592	0.689029
0.607596	0.747492	0.719622	0.682361	0.613552	0.63962	0.669904	0.708381	0.490009	0.484774
0.555491	0.508306	0.455091	0.61588	0.746281	0.509512	0.583275	0.804143	0.575951	0.567607
0.633856	0.48624	0.31517	0.722164	0.719987	0.433786	0.568335	0.629967	0.689891	0.602369
0.721476	0.590616	0.610763	0.947827	0.740164	0.676438	0.932219	0.704911	0.861135	0.735625
0.712433	0.548289	0.543195	0.50948	0.602794	0.827705	0.798542	0.721347	0.755216	0.665945
0.627371	0.484898	0.547027	0.507356	0.492369	0.558091	0.565083	0.491654	0.431723	0.501242
0.582833	0.617054	0.663801	0.537315	0.476194	0.529036	0.45671	0.512598	0.428635	0.630633
0.551612	0.671175	0.573206	0.589502	0.594029	0.676438	0.540678	0.666351	0.651231	0.589326
0.683234	0.771453	0.455091	0.693057	0.630205	0.566072	0.518297	0.558605	0.627246	0.396707
0.854003	0.611636	0.51441	0.714133	0.61446	0.484775	0.591803	0.570277	0.57855	0.539986
0.587841	0.641346	0.646037	0.850559	0.743824	0.535744	0.628631	0.902881	0.631152	0.677334

0.484471	0.445824	0.512984	0.555073	0.717674	0.676438	0.582432	0.648789	0.521611	0.601487
0.512489	0.386911	0.58818	0.614974	0.625515	0.658136	0.559451	0.476413	0.467898	0.557937
0.787996	0.64715	0.677098	0.562224	0.548747	0.598678	0.641958	0.731027	0.60544	0.808613
0.892887	0.713292	0.622511	0.695228	0.666583	0.630182	0.591803	0.724952	0.746172	0.701048
0.660814	0.650081	0.523794	0.531305	0.574516	0.63582	0.472124	0.550456	0.654324	0.499149
0.628291	0.689034	0.502436	0.642998	0.653451	0.486113	0.566706	0.630937	0.693273	0.454228
0.530505	0.740192	0.649922	0.715272	0.828807	0.6754	0.586667	0.780202	0.929561	0.732041
0.3994	0.538321	0.55558	0.508771	0.60191	0.587535	0.579911	0.579673	0.58556	0.786478
0.586165	0.518323	0.61255	0.474067	0.493744	0.577497	0.715515	0.567749	0.495717	0.745331
0.668833	0.740192	0.832838	0.723323	0.655446	0.603041	0.743904	0.762745	0.651231	0.812891
0.693821	0.689034	0.587334	0.708487	0.701817	0.685886	0.512519	0.411411	0.418898	0.520548
0.43688	0.611636	0.578968	0.76216	0.8333	0.606563	0.435769	0.417313	0.480197	0.473476
0.56415	0.655011	0.606328	0.881181	0.867751	0.558883	0.741466	0.677023	0.614787	0.572523
0.534942	0.646177	0.56752	0.538831	0.725825	0.763542	0.637151	0.599097	0.731095	0.585913
0.74134	0.639428	0.599325	0.559031	0.630205	0.584163	0.634293	0.542457	0.547527	0.559534
0.64044	0.621621	0.690815	0.741097	0.635901	0.634875	0.617526	0.566072	0.619537	0.665945
0.633856	0.623462	0.683375	0.687676	0.666583	0.603041	0.553891	0.619431	0.839999	0.661877
0.573797	0.551402	0.407352	0.526114	0.616283	0.584163	0.44673	0.490949	0.548337	0.492245
0.641389	0.541364	0.460104	0.580218	0.678013	0.553372	0.548402	0.801257	0.712955	0.645974
0.635727	0.607172	0.706089	0.60958	0.583739	0.662137	0.689947	0.910212	0.859472	0.661877
0.499965	0.552184	0.53563	0.696317	0.615371	0.574202	0.745128	0.655935	0.663739	0.604138
0.567342	0.448281	0.521611	0.714133	0.654447	0.533496	0.782218	0.673794	0.524672	0.670052
0.685331	0.521229	0.745585	0.874552	0.940308	0.689082	0.729478	0.616602	0.656399	0.73924
0.607596	0.439741	0.791732	0.437101	0.647522	0.576671	0.535351	0.563569	0.623374	0.71455
0.736584	0.783282	0.595865	0.434706	0.735331	0.672304	0.506109	0.526124	0.590892	0.5717
0.752236	0.709903	0.486743	0.707367	0.830299	0.699907	0.573258	0.780202	0.68765	0.549259
0.501339	0.650081	0.63932	0.671923	0.502793	0.845729	0.890874	0.593713	0.514054	0.598852
0.617371	0.666059	0.55323	0.83527	0.600146	0.729385	0.837684	0.488842	0.50369	0.570058
0.915498	0.871629	0.741952	1.1991	0.891189	0.799236	0.782218	0.683555	0.892208	0.622236
0.838776	0.898575	1.010329	0.919565	0.814157	0.669228	0.644868	0.607301	0.738568	0.756515
0.649055	0.866758	0.754182	0.497582	0.678013	0.746128	0.701987	0.781574	0.600841	0.673158
0.904916	0.8556	0.791732	0.620436	0.772958	0.731738	0.541444	0.893888	0.807892	0.716842
0.622797	0.749952	0.905491	0.645903	0.581204	0.830658	0.784896	0.809973	0.918014	1.106813
0.590368	0.667077	0.634585	0.687676	0.61174	0.518081	0.635244	0.630937	0.584677	0.750266
0.685331	0.623462	0.690815	0.886219	0.65745	0.453842	0.673008	0.752341	0.623374	0.633468
1.067928	0.79271	0.728885	0.704022	0.634946	0.631117	0.587518	0.605464	0.721326	0.866199
0.653916	0.812203	0.786355	0.51019	0.633043	0.688014	0.55706	0.533049	0.559838	0.756515
0.713553	0.740192	0.774496	0.675028	0.714227	0.650243	0.496322	0.6632	0.609155	0.625948
0.78933	0.788644	0.843371	0.658718	0.584587	0.758495	0.742684	0.544045	0.663739	0.762855
0.656859	0.752427	0.571574	0.758368	0.658455	0.727045	0.755048	0.627068	0.627246	0.562745
0.837282	0.77667	0.458218	1.015073	0.70293	0.708766	0.627695	0.721347	0.705906	0.433996
0.824065	1.117584	0.762953	0.910539	0.620874	0.581651	0.699773	0.723747	0.830581	0.715695
0.589524	0.687963	0.874956	0.671923	0.537175	0.509512	0.614793	0.510384	0.592684	0.851854
0.68219	0.683704	0.782366	0.66884	0.522947	0.551811	0.593529	0.56108	0.596291	0.557141
1.088707	0.912702	0.831353	0.731527	0.828807	0.811817	0.666822	0.6632	0.672282	0.587616
0.784021	0.665043	0.68443	0.68448	0.736534	0.862934	0.745128	0.565236	0.650204	0.721462
0.796058	0.70878	0.652859	0.686608	0.593162	0.563662	0.585816	0.657998	0.662683	0.587616

0.92818	0.80514	0.573206	0.771139	0.511316	0.485443	0.69757	0.893888	0.594484	0.604138
0.954711	0.817937	0.825467	0.686608	0.676961	0.501803	0.643896	0.702613	0.612901	0.760308
0.612012	0.785954	0.90025	0.655727	0.574516	0.427301	0.674047	0.640764	0.618582	0.747791
0.669846	1.0585	0.994944	0.595515	0.762601	0.652203	0.661734	0.57881	0.659529	0.764134
0.819747	1.089728	1.113367	0.8133	0.691921	0.767366	0.708699	0.781574	0.700118	0.752755
0.706876	0.629965	0.67091	0.738684	0.61174	0.763542	0.715515	0.624189	0.696682	0.680492
1.03615	0.737785	0.601938	0.765986	0.843968	0.858173	0.593529	0.714227	0.678802	0.514737
0.805656	0.702097	0.644107	0.665779	0.834808	0.885866	0.739042	0.76012	0.610088	0.649895
0.646165	0.619789	0.719622	0.777669	0.651466	0.638667	0.65871	0.638781	0.623374	0.68155
0.679071	0.802347	0.723072	0.605136	0.664536	0.672304	0.700879	0.512598	0.577682	0.66289
1.008746	1.314356	1.008097	0.62876	0.830299	0.583324	0.63051	0.533825	0.748737	0.715695
0.828426	0.715566	0.942143	0.871276	0.65745	0.53275	0.752546	0.787107	0.731095	0.824512
0.838776	0.71103	0.585648	0.698505	0.633994	0.584163	0.636196	0.654907	0.476745	0.707747
1.180171	0.927304	0.646037	0.990764	0.848622	0.620945	0.497014	0.667407	0.583797	0.567607
0.786667	0.946275	1.184055	0.925072	0.834808	0.73056	0.874057	0.952908	0.727406	0.653853
0.577881	0.655011	0.957717	0.745962	0.673821	0.749801	0.740252	0.575377	0.551592	0.690108
0.805656	0.768867	0.804077	0.571946	0.749993	0.784338	0.553103	0.391367	0.424958	0.583371
0.705773	0.752427	0.813928	0.755858	0.674865	0.724718	0.839204	0.673794	0.741088	0.66289
0.660814	0.545968	0.580629	0.625041	0.583739	0.731738	0.740252	0.686858	0.452024	0.65885
0.639494	0.483559	0.520885	0.57772	0.552674	0.62925	0.621196	0.707221	0.424348	0.463745
0.95082	0.735392	0.866842	0.66173	0.402168	0.424967	0.508235	0.694664	0.465212	0.493617
0.95082	0.79135	0.72655	0.588649	0.536415	0.420911	0.504697	0.623233	0.590892	0.56436
0.568144	0.714428	0.65979	0.60249	0.485556	0.643453	0.554681	0.434894	0.465882	0.556347
0.631993	0.619789	0.651878	0.686608	0.584587	0.637716	0.50329	0.459064	0.580292	0.600607
0.631993	0.402152	0.581461	0.712998	0.570387	0.585004	0.633344	0.608222	0.568244	0.605025
0.517458	0.456993	0.506624	0.486674	0.572859	0.633932	0.529343	0.548845	0.559838	0.533911
0.650023	0.628097	0.51584	0.504541	0.507033	0.579154	0.543751	0.636807	0.533984	0.487476
0.513195	0.521229	0.642186	0.662739	0.679067	0.736482	0.656705	0.734713	0.572509	0.598852
0.511079	0.467168	0.595004	0.569495	0.52739	0.636767	0.649761	0.473022	0.598105	0.653853
0.441052	0.492334	0.444628	0.340562	0.463803	0.544852	0.533089	0.419696	0.51933	0.621313
0.388653	0.477587	0.465813	0.54649	0.664536	0.71101	0.607589	0.552885	0.685421	0.642088
0.470791	0.469102	0.437391	0.463728	0.523684	0.570932	0.501188	0.537728	0.526981	0.596233
0.534942	0.439137	0.407352	0.382961	0.517092	0.561266	0.439392	0.545639	0.513305	0.461825
0.701389	0.630902	0.467733	0.58273	0.658455	0.644416	0.508235	0.678105	0.619537	0.578331
0.525385	0.595777	0.690815	0.617697	0.620874	0.528297	0.593529	0.634842	0.695543	0.677334
0.310201	0.390132	0.54549	0.526114	0.499988	0.475523	0.620275	0.470329	0.508841	0.706623
0.256508	0.506189	0.450136	0.47735	0.572859	0.501803	0.536866	0.508914	0.717719	0.524957
0.445869	0.646177	0.723072	0.645903	0.609037	0.727045	0.539913	0.440498	0.661629	0.648912
0.486461	0.436731	0.382936	0.446819	0.468327	0.576671	0.516121	0.553697	0.452674	0.466319
0.509674	0.449515	0.403463	0.464367	0.422731	0.434975	0.461149	0.448723	0.444938	0.425102
0.506878	0.54674	0.513696	0.551151	0.556637	0.501109	0.479376	0.522325	0.518573	0.56194
0.416602	0.521229	0.618862	0.579383	0.470281	0.446441	0.546846	0.392488	0.434209	0.589326
0.402677	0.504082	0.565909	0.457388	0.407783	0.418038	0.476725	0.457758	0.533984	0.47479
0.406531	0.57632	0.441598	0.346371	0.534141	0.636767	0.475405	0.559429	0.611024	0.530906
0.373527	0.381595	0.484738	0.441326	0.477519	0.590933	0.500489	0.564402	0.500774	0.463104
0.289862	0.396647	0.31517	0.376645	0.449884	0.546389	0.443045	0.526124	0.549961	0.403913
0.526112	0.469102	0.424428	0.549591	0.535655	0.562862	0.475405	0.57881	0.508101	0.440028

0.423449	0.472998	0.463267	0.505243	0.515641	0.575023	0.52563	0.483966	0.488593	0.468908
0.402677	0.362473	0.468375	0.588649	0.445547	0.416894	0.591803	0.533825	0.448789	0.459278
0.453813	0.512571	0.445236	0.468867	0.534141	0.466464	0.439999	0.465655	0.438595	0.38371
0.419442	0.52636	0.377691	0.473414	0.414044	0.440369	0.425666	0.417907	0.462542	0.485448
0.435104	0.435533	0.353364	0.422921	0.489631	0.483441	0.420411	0.423295	0.479504	0.437605
0.500652	0.461415	0.344098	0.437702	0.476194	0.422645	0.364913	0.411998	0.383104	0.402239
0.566542	0.568937	0.463267	0.490054	0.609037	0.51736	0.396145	0.538512	0.386441	0.498454
0.5041	0.390132	0.464538	0.457388	0.444316	0.468389	0.464991	0.477094	0.478122	0.544598
0.477903	0.344157	0.489432	0.510901	0.408349	0.505991	0.441824	0.311343	0.356764	0.505459
0.461277	0.440951	0.443413	0.376645	0.459962	0.64635	0.508235	0.374893	0.55241	0.49776
0.396148	0.390671	0.43441	0.38991	0.466383	0.515923	0.519754	0.366884	0.45008	0.466319
0.413781	0.430773	0.407911	0.476034	0.49929	0.41976	0.402225	0.407328	0.511812	0.533158
0.560193	0.503382	0.448292	0.481321	0.429213	0.392458	0.390691	0.534603	0.467898	0.461825
0.566542	0.477587	0.54857	0.535805	0.473556	0.44583	0.463707	0.574522	0.442389	0.65286
0.477251	0.387982	0.352871	0.558237	0.411757	0.436168	0.592665	0.538512	0.376504	0.613093
0.352026	0.436132	0.361323	0.461816	0.416344	0.448894	0.486751	0.407328	0.517061	0.520548
0.476601	0.514719	0.505923	0.581053	0.458055	0.518803	0.589227	0.315083	0.367858	0.499149
0.49928	0.396647	0.576489	0.518803	0.540998	0.490151	0.502588	0.490949	0.452674	0.493617
0.409305	0.421408	0.58818	0.424668	0.535655	0.600418	0.482043	0.603636	0.528527	0.420432
0.572174	0.577977	0.642186	0.611371	0.624583	0.493546	0.464348	0.532274	0.43671	0.451725
0.46951	0.499899	0.617955	0.696317	0.576178	0.540274	0.52563	0.434276	0.358856	0.490877
0.408749	0.455111	0.543959	0.552715	0.486232	0.544086	0.542211	0.384702	0.414706	0.457377
0.563356	0.595777	0.592433	0.476034	0.512753	0.600418	0.575741	0.368474	0.463875	0.522012
0.506182	0.521229	0.508734	0.53056	0.490314	0.526823	0.592665	0.488842	0.441755	0.494305
0.404875	0.569751	0.589027	0.545718	0.486232	0.481448	0.497707	0.458411	0.465882	0.443076
0.49587	0.751188	0.534881	0.456131	0.56144	0.570932	0.507525	0.486049	0.463875	0.393967
0.693821	0.695516	0.832838	0.811874	0.577012	0.589231	0.635244	0.597295	0.488593	0.509004
0.61024	0.58383	0.631769	0.741097	0.513473	0.503892	0.536108	0.512598	0.27392	0.410105
0.587003	0.519048	0.589027	0.625041	0.420397	0.542557	0.680337	0.604549	0.431103	0.38746
0.516033	0.612535	0.630834	0.695228	0.544081	0.552591	0.812631	0.835664	0.650204	0.624088
0.604095	0.552184	0.509439	0.65177	0.577847	0.496281	0.523417	0.588394	0.52621	0.447997
0.553159	0.452615	0.437989	0.438304	0.43459	0.5935	0.566706	0.356431	0.523139	0.468259
0.540177	0.594912	0.534133	0.47735	0.624583	0.578325	0.480707	0.453863	0.658483	0.611287
0.526112	0.49507	0.532641	0.669865	0.590572	0.56047	0.508946	0.463667	0.553229	0.622236
0.544715	0.392293	0.483406	0.623193	0.495124	0.436766	0.483383	0.54965	0.532418	0.580843
0.455048	0.466525	0.641228	0.484659	0.446782	0.444002	0.647797	0.715406	0.545912	0.660865
0.786667	0.724784	0.571574	0.50314	0.631149	0.557301	0.501887	0.683555	0.588218	0.47743
0.612012	0.58721	0.484738	0.547263	0.501388	0.500416	0.426254	0.429361	0.51933	0.567607
0.455667	0.498514	0.478119	0.508771	0.425077	0.468389	0.383701	0.360582	0.557348	0.548479
0.502028	0.689034	0.624346	0.54341	0.619032	0.631117	0.555473	0.465655	0.534769	0.509004
0.661808	0.595777	0.685488	0.886219	0.727002	0.620945	0.558653	0.567749	0.406441	0.451101
0.689555	0.614337	0.531897	0.66375	0.627385	0.538003	0.542211	0.609145	0.387	0.5717
0.734225	0.595777	0.640273	0.596381	0.563862	0.602165	0.646818	0.848301	0.467225	0.701048
0.771026	0.665043	0.363335	0.46309	0.479515	0.484775	0.386376	0.57709	0.507363	0.438815
0.442852	0.388519	0.445236	0.524642	0.451131	0.513775	0.585816	0.473698	0.502229	0.490194
0.424024	0.399942	0.614344	0.617697	0.534897	0.749801	0.640029	0.531501	0.594484	0.628753
0.606718	0.614337	0.732409	0.760892	0.636857	0.669228	0.611176	0.615663	0.586444	0.622236

0.455048	0.548289	0.510853	0.585257	0.651466	0.404504	0.439999	0.51112	0.559838	0.556347
0.589524	0.527837	0.420383	0.524642	0.470281	0.326917	0.468867	0.552074	0.390932	0.482089
0.678036	0.574668	0.643145	0.589502	0.502793	0.469033	0.593529	0.563569	0.528527	0.669021
0.606718	0.623462	0.609872	0.5535	0.540998	0.544086	0.524891	0.535382	0.511812	0.565169
0.438068	0.467168	0.540912	0.516634	0.595768	0.606563	0.561856	0.54965	0.534769	0.612189
0.54244	0.478246	0.718478	0.606021	0.606351	0.804782	0.69867	0.515567	0.595386	0.545371
0.700299	0.645207	0.982177	0.932525	0.663517	0.58669	0.8547	0.727372	0.555696	0.465674
0.582003	0.67844	0.531897	0.641072	0.644587	0.596081	0.758827	0.665298	0.575951	0.352823
0.714676	0.659998	0.423268	0.481321	0.633043	0.462004	0.564274	0.611926	0.592684	0.338165
0.675974	0.641346	0.606328	0.624116	0.583739	0.699907	0.700879	0.681367	0.752613	0.524957
0.583663	0.644238	0.586491	0.427596	0.513473	0.7201	0.611176	0.584885	0.562343	0.582527
0.61024	0.465242	0.497599	0.538831	0.515641	0.53126	0.56752	0.640764	0.550776	0.543055
0.723766	0.582989	0.801303	0.764707	0.679067	0.709886	0.729478	0.479144	0.500048	0.781116
0.735403	0.700994	0.638369	0.778986	0.797206	0.672304	0.574912	0.434894	0.517061	0.623161
0.577881	0.636568	0.375611	0.644932	0.83784	0.734103	0.498401	0.444275	0.582918	0.459278
0.49587	0.448281	0.336447	0.629695	0.563053	0.406173	0.55153	0.591045	0.614787	0.585913
0.588682	0.582989	0.598457	0.764707	0.705166	0.575023	0.643896	0.927175	0.885108	0.781116
0.598896	0.704313	0.658793	0.573588	0.610837	0.444002	0.574084	0.541665	0.418898	0.586764
0.507576	0.465242	0.529672	0.502442	0.493744	0.364233	0.472778	0.499479	0.310313	0.51043
0.555491	0.5353	0.629901	0.676068	0.619032	0.728214	0.73304	0.671654	0.529303	0.794647
0.639494	0.779303	0.713932	0.729167	0.6941	0.686949	0.278579	0.572819	0.502959	0.573348
0.515322	0.67844	0.613446	0.464367	0.529628	0.607448	0.332447	0.339218	0.611024	0.580004
0.537926	0.58891	0.470306	0.517356	0.630205	0.470323	0.252577	0.448085	0.520089	0.415238
0.86818	0.787297	0.620682	0.555073	0.763883	0.607448	0.537626	0.76012	0.707073	0.625017
0.58035	0.646177	0.576489	0.480657	0.518548	0.580817	0.515398	0.627068	0.664798	0.566793
0.547002	0.509723	0.465175	0.505243	0.505615	0.415183	0.569152	0.644758	0.589107	0.559534
0.68219	0.552184	0.636473	0.717557	0.671741	0.570118	0.766484	0.823385	0.772527	0.660865
0.740146	0.724784	0.683375	0.641072	0.648505	0.587535	0.640992	0.665298	0.609155	0.504753
0.56415	0.608062	0.781045	0.514475	0.500688	0.638667	0.762639	0.389134	0.574226	0.46055
0.648089	0.616147	0.627115	0.529815	0.503497	0.563662	0.520484	0.570277	0.702424	0.516907
0.635727	0.694429	0.717337	0.654734	0.551886	0.569306	0.425079	0.683555	0.751317	0.565169
0.510376	0.438535	0.547798	0.526114	0.468977	0.600418	0.290033	0.412585	0.521611	0.539986
0.544715	0.511857	0.356828	0.496892	0.588853	0.535744	0.376823	0.333792	0.583797	0.517633
0.752236	0.656004	0.583969	0.830786	0.721148	0.50459	0.68672	0.612858	0.714141	0.642088
0.614683	0.631841	0.76422	0.66375	0.632095	0.683769	0.721278	0.627068	0.661629	0.586764
0.496549	0.5176	0.617955	0.634399	0.492369	0.633932	0.597002	0.562738	0.573367	0.657846
0.515322	0.467168	0.470306	0.460546	0.604569	0.595219	0.559451	0.617543	0.69897	0.595364
0.540177	0.562479	0.656806	0.66173	0.443088	0.52243	0.571611	0.529188	0.575951	0.596233
0.46696	0.471695	0.475499	0.458649	0.393333	0.676438	0.509658	0.503808	0.517061	0.47282
0.645205	0.527098	0.469662	0.583571	0.5387	0.592643	0.395049	0.537728	0.507363	0.508293
0.778776	0.70878	0.677098	0.811874	0.964058	0.841152	0.556265	0.689074	0.729862	0.66289
0.675974	0.577977	0.565909	0.671923	0.586288	0.633932	0.662747	0.596397	0.610088	0.607698
0.479208	0.472346	0.497599	0.528331	0.4606	0.544086	0.669904	0.574522	0.494999	0.442464
0.467596	0.747492	0.808272	0.800632	0.735331	0.688014	0.906587	0.77611	0.742354	0.660865
0.681148	0.629965	0.731231	0.788324	0.699598	0.472915	0.579073	0.770715	0.631152	0.613998
0.576243	0.516878	0.485405	0.460546	0.587997	0.592643	0.453566	0.628999	0.591787	0.550041
0.587841	0.52342	0.456339	0.50314	0.772958	0.636767	0.655706	0.938862	0.866162	0.79879

0.634791	0.714428	0.635528	0.631571	0.819958	0.740074	0.704213	0.709544	0.783533	0.794647
0.701389	0.404373	0.508734	0.642998	0.451756	0.345902	0.533089	0.667407	0.521611	0.557141
0.743738	0.608953	0.583969	0.537315	0.400498	0.469678	0.626761	0.470329	0.524672	0.687953
0.753464	0.770158	0.682323	0.626897	0.634946	0.913648	0.769067	0.717773	0.654324	0.599729
0.685331	0.542893	0.523794	0.730346	0.683309	0.58669	0.506109	0.46632	0.444299	0.470208
0.472075	0.551402	0.49486	0.569495	0.536415	0.641532	0.501887	0.393611	0.511068	0.523482
0.407639	0.593189	0.596727	0.598989	0.628323	0.754748	0.714372	0.749778	0.800585	0.728486
0.70909	0.724784	0.682323	0.800632	0.701817	0.680612	0.640992	0.707221	0.638075	0.817213
0.757168	0.633726	0.57814	0.660724	0.583739	0.5081	0.605806	0.743437	0.575951	0.490877
0.73071	0.663018	0.754182	0.7339	0.594029	0.599547	0.8547	0.766712	0.523905	0.585913
0.665809	0.832613	0.917971	0.99726	1.020461	0.998532	0.856281	0.932979	0.65744	0.519088
0.692751	0.770158	0.594145	0.69741	0.628323	0.796489	0.676134	0.606382	0.563181	0.506873
0.584496	0.518323	0.712803	0.66884	0.529628	0.791046	0.763917	0.531501	0.677709	0.757775
0.710202	0.697699	0.774496	0.773739	0.620874	0.884187	0.674047	0.690186	1.125934	0.917757
0.968611	0.823748	0.771905	0.723323	0.667609	0.644416	0.625828	0.637793	0.835265	0.673158
0.722619	0.636568	0.572389	0.621353	0.817048	0.583324	0.549963	0.642757	0.756523	0.58847
0.689555	0.578809	0.650899	0.936301	0.708542	0.581651	0.766484	0.714227	0.75915	0.797404
0.608475	0.771453	0.797175	0.836775	0.884362	0.926384	0.769067	0.661112	0.755216	0.607698
0.52977	0.572203	0.647975	0.567058	0.594898	0.696631	0.707573	0.558605	0.640073	0.680492
0.568947	0.484898	0.675026	0.66375	0.559833	0.691225	0.821309	0.728587	0.533984	0.797404
0.575426	0.439137	0.834327	0.693057	0.602794	0.738873	0.798542	0.957006	0.784929	0.720303
0.743738	0.662009	0.668867	0.648827	0.544855	0.641532	0.439999	0.581403	0.799138	0.591043
0.444056	0.618875	0.531154	0.675028	0.793069	0.603041	0.490145	0.556144	0.661629	0.623161
0.52977	0.519774	0.349927	0.656722	0.708542	0.479464	0.809777	0.886824	0.851252	0.95389
0.583663	0.54674	0.414669	0.475377	0.74138	0.649267	0.590943	0.569433	0.65744	0.558735
0.546238	0.615241	0.484071	0.365298	0.516366	0.538003	0.587518	0.471673	0.502229	0.582527
0.548533	0.564084	0.484071	0.551151	0.483533	0.455712	0.577404	0.649803	0.532418	0.65286
0.604095	0.664029	0.534133	0.567869	0.590572	0.575023	0.568335	0.593713	0.575088	0.512579
0.562563	0.630902	0.644107	0.605136	0.548747	0.566878	0.405577	0.660071	0.744896	0.559534
0.609357	0.772751	0.625267	0.613169	0.612645	0.50529	0.414073	0.596397	0.469924	0.411809
0.64234	0.666059	0.549343	0.658718	0.794444	0.664151	0.622119	0.804143	0.626275	0.532406
0.421727	0.561678	0.607211	0.535052	0.727002	0.663143	0.54607	0.581403	0.512558	0.514017
0.586165	0.560879	0.566713	0.645903	0.724651	0.582487	0.691028	0.485354	0.541101	0.580004
0.736584	0.602754	0.607211	0.821955	0.722313	0.613695	0.780885	0.624189	0.80642	0.723791
0.715802	0.843189	0.831353	0.66884	0.782228	0.90302	0.739042	0.622279	0.782142	0.707747
0.704673	0.910911	0.984279	0.501047	0.797206	1.126974	0.595262	0.773404	1.116834	0.827466
0.746149	0.874908	0.706089	0.456759	1.01815	1.30131	0.677181	0.942829	1.221558	0.946029
0.87626	0.918121	1.158142	0.845915	0.877641	1.064318	0.961471	0.761431	0.739826	0.967998
0.591213	0.666059	0.829874	1.094672	0.678013	0.676438	0.624898	0.77747	0.739826	0.791907
0.952761	0.968148	0.740747	1.182077	0.85649	0.633932	0.708699	2.585724	1.079466	1.101209
1.221485	1.305397	1.184055	1.403748	1.262088	1.704536	1.466589	1.317607	1.25325	1.340091
1.167229	1.347251	1.4169	1.111369	1.635595	1.63489	1.55074	1.412209	1.285428	1.125179
0.871394	1.382076	1.581395	1.81801	1.634185	3.996792	3.847317	1.320588	1.239316	1.138249
1.127648	1.464192	2.388843	1.632775	1.066867	1.971486	1.296813	1.193205	1.344363	1.151319
1.341348	1.066099	1.625194	1.517558	1.377067	1.504031	1.089596	1.1414	1.14636	1.396707
2.250767	1.169471	0.90902	1.447312	1.41219	1.233331	1.711503	1.115498	1.128449	1.252413
2.335861	0.895114	1.616073	2.685628	0.691025	1.198728	1.201831	1.790405	1.121973	1.413363

1.186789	1.399039	1.526664	1.38205	1.211139	1.204933	1.186316	0.876441	1.608112	1.468259
1.304847	1.256059	1.465124	1.070772	1.351507	2.334034	1.30201	1.007141	0.878123	0.734427
1.207272	0.919942	1.023964	1.392764	0.919621	0.93196	0.903046	0.961143	0.639073	1.027162
1.067928	0.844721	0.777104	0.572766	0.936472	0.814663	0.574084	0.689074	1.055359	1.053785
0.989271	1.243521	1.151899	0.68448	1.29568	0.804782	0.656705	1.690587	3.444733	1.104002
1.045682	1.309853	1.541611	2.015709	1.004541	1.17659	1.153716	1.232143	0.990158	1.26495
1.655718	1.196213	0.945985	0.845915	0.853326	0.908301	1.006047	0.831019	0.637079	1.098434
0.997819	1.048571	1.252607	1.235288	0.605459	1.37251	1.01737	0.5246	0.921829	1.277301
0.75593	0.94434	1.348424	1.202586	0.752486	0.848806	1.176276	1.194989	0.883351	0.677334
1.070472	0.751188	0.873321	1.07597	0.831797	0.813237	0.967566	0.885077	0.827486	0.528665
0.968611	1.150442	0.984279	1.008307	0.684376	0.958967	0.716662	0.64176	1.229267	0.917757
0.762156	1.046123	1.012572	1.318199	1.01815	1.483574	1.240322	1.053422	1.370476	1.07685
0.948888	0.693345	0.804077	1.235288	1.049188	0.810401	0.882384	1.099477	0.919917	0.949942
1.408105	0.702097	0.649922	0.785636	0.903399	0.630182	0.758827	1.040757	0.629195	0.978364
0.828426	0.636568	0.849507	0.832275	0.845514	0.709886	1.053228	1.187925	0.953619	0.746559
1.013195	0.99118	0.945985	0.866406	1.036986	0.847265	0.862661	0.919554	0.927615	0.610387
1.01769	1.126302	0.718478	0.613169	0.633994	1.059274	0.683517	0.787107	0.714141	0.800179
0.712433	0.789995	0.671935	0.579383	0.617198	0.887551	0.812631	0.510384	0.636086	0.89466
0.74134	0.871629	1.062568	1.100167	0.782228	0.757242	0.775593	0.681367	0.734815	0.468908
0.792008	0.81506	0.812507	0.784298	0.966098	0.820411	0.6658	0.812918	0.976908	0.65885
0.654895	0.88658	0.759172	0.855253	0.805599	0.575846	0.625828	0.967423	0.791975	0.570878
0.600622	0.609845	0.583969	0.914127	0.683309	0.723559	0.791666	0.781574	0.737314	0.643056
0.697048	0.900316	0.752943	0.572766	0.653451	0.69338	0.599624	0.683555	0.76847	0.675241
0.544715	0.728291	0.70167	0.655727	0.879312	0.722403	0.884069	0.448723	0.494283	0.697737
0.502717	0.564084	0.668867	0.716413	0.77427	0.642491	0.598748	0.597295	0.541899	0.901637
0.790667	0.74872	0.832838	0.891317	1.139662	0.877536	0.524153	0.584012	0.645109	0.859765
0.850915	0.75742	0.54857	0.554286	0.710807	0.872614	0.624898	0.471001	0.576816	0.712271
0.557053	0.646177	0.598457	0.340562	0.490314	0.683769	0.556265	0.702613	0.772527	0.441854
0.565743	0.656999	0.527459	0.621353	0.641672	0.71101	0.736631	0.869654	0.734815	0.824512
0.720335	0.831122	0.961699	0.57689	0.504202	0.685886	0.680337	0.47846	0.697825	0.726132
0.534942	0.57632	0.520885	0.54341	0.427436	0.51736	0.420411	0.416126	0.650204	0.657846
0.582833	0.519048	0.354845	0.514475	0.680124	0.63962	0.615702	0.70376	0.803493	0.666968
0.671879	0.876556	0.651878	0.757111	0.630205	0.901274	0.699773	0.506718	0.581166	0.750266
0.553935	0.520501	0.571574	0.578551	0.623653	0.645382	0.56752	0.397	0.470601	0.594496
0.499965	0.420251	0.482078	0.481987	0.624583	0.71781	0.598748	0.507449	0.744896	0.468908
0.593759	0.658996	0.625267	0.568681	0.589712	0.975189	0.758827	0.681367	0.714141	0.817213
0.646165	0.705426	0.733591	0.496203	0.361206	0.442787	0.380513	0.622279	0.45008	0.475449
0.433336	0.452615	0.485405	0.385088	0.551099	0.490828	0.391233	0.544045	0.598105	0.463104
0.466325	0.512571	0.585648	0.567058	0.567929	0.530517	0.335777	0.643756	0.569945	0.585064
0.568947	0.573023	0.364345	0.488023	0.593162	0.705423	0.669904	0.649803	0.627246	0.595364
0.650023	0.694429	0.649922	0.508063	0.337017	0.276963	0.609379	0.52842	0.357286	0.422178
0.487792	0.391211	0.526723	0.625041	0.493744	0.372923	0.475405	0.389134	0.490718	0.509004
0.448907	0.494384	0.504525	0.472761	0.609936	0.634875	0.675089	0.626106	0.628219	0.730853
0.554713	0.637519	0.638369	0.448666	0.583739	0.538003	0.579073	0.503808	0.514054	0.432203
0.641389	0.580476	0.499665	0.439511	0.412328	0.54562	0.44673	0.367413	0.436083	0.440028
0.362894	0.521229	0.531897	0.414857	0.532631	0.574202	0.558653	0.560253	0.866162	0.802972
0.370462	0.64715	0.579798	0.52759	0.569566	0.547931	0.651734	0.698053	0.545106	0.485448

0.636666	0.562479	0.398513	0.473414	0.512034	0.351271	0.490827	0.494483	0.582918	0.521279
0.604967	0.77536	0.458218	0.541878	0.579522	0.414047	0.542211	0.818868	0.450727	0.573348
0.62098	0.586362	0.685488	0.807624	0.626449	0.478805	0.765199	0.762745	0.775253	0.751509
1.031461	0.730645	0.832838	0.662739	0.713084	0.64732	0.600502	0.415534	0.5332	0.653853
0.509674	0.469749	0.627115	0.489376	0.555047	0.499724	0.691028	0.546438	0.362011	0.693361
0.518889	0.490972	0.55245	0.845915	0.673821	0.656149	0.783555	0.604549	0.748737	0.690108
0.693821	0.620704	0.688676	0.98015	0.884362	0.738873	0.461787	0.761431	0.514804	0.631576
0.62098	0.53984	0.55245	0.641072	0.590572	0.879189	0.75006	0.735949	0.827486	0.675241
0.546238	0.772751	0.719622	0.562224	0.653451	0.779045	0.604918	0.791304	0.830581	0.692274
0.669846	0.640386	0.62619	0.72682	0.689752	0.594358	0.757563	0.599097	0.645109	0.779786
0.822621	0.825213	0.443413	0.525377	0.52221	0.69338	0.603146	0.637793	0.464543	0.542286
0.504793	0.71216	0.582295	0.562224	0.575346	0.555725	0.451068	0.69354	0.512558	0.667994
0.968611	0.72595	0.531897	0.739889	0.788972	0.670251	0.585816	0.551264	0.593583	0.738031
0.574611	1.076442	1.237248	0.896476	0.637816	0.552591	0.77691	0.543251	0.584677	0.871088
0.502717	0.643272	0.808272	0.789675	0.588853	0.603919	0.661734	0.429361	0.849626	0.914123
0.474656	0.646177	0.779727	0.678156	0.850184	1.069421	0.864271	0.668465	0.747453	0.876033
0.706876	0.813629	0.940236	1.361385	1.015852	0.74491	0.746356	0.69692	0.434833	0.745331
0.751012	0.379487	0.654828	0.743522	0.8156	0.609224	0.553891	0.653881	0.841589	0.64793
0.997819	0.784616	0.669887	0.741097	0.980646	0.558091	0.632398	0.944826	0.650204	0.842547
1.086055	1.04127	0.94406	1.185429	0.83784	0.82186	0.767774	1.102344	0.625306	0.601487
0.790667	0.653033	0.87007	0.971841	0.556637	0.779045	1.092314	0.6632	0.672282	0.605025
0.606718	0.720151	1.12196	0.724486	0.471588	1.023202	0.584968	0.735949	0.819845	1.115357
0.962599	1.089728	1.20807	0.898209	1.056677	0.611901	0.478711	0.546438	0.618582	0.546146
0.903177	0.556115	0.611655	0.571128	0.645563	0.490151	0.513956	0.25962	0.468572	0.423345
0.575426	0.480231	0.454469	0.378215	0.482861	0.570118	0.481375	0.33625	0.540304	0.548479
0.602355	0.704313	0.589876	0.614974	0.622725	0.752267	0.655706	0.337237	0.440488	0.539986
0.59632	0.406606	0.509439	0.598989	0.514194	0.35029	0.366448	0.409073	0.355722	0.366451
0.578702	0.377912	0.24991	0.405264	0.435794	0.380211	0.26579	0.34926	0.299208	0.480753
0.360897	0.239937	0.410714	0.326835	0.325176	0.30166	0.352825	0.526888	0.49214	0.447379
0.523209	0.317827	0.331732	0.41772	0.454894	0.436766	0.359331	0.347739	0.325575	0.321206
0.321876	0.259833	0.42269	0.380846	0.292773	0.348822	0.29392	0.312742	0.342401	0.391787
0.256117	0.289997	0.278817	0.335304	0.300209	0.423224	0.4067	0.315083	0.341393	0.305775
0.325991	0.333149	0.295318	0.330578	0.327988	0.40953	0.332921	0.2949	0.327521	0.26091
0.282733	0.371154	0.252247	0.2318	0.316846	0.269169	0.290033	0.198794	0.219698	0.343482
0.274494	0.332677	0.350417	0.388296	0.349684	0.281541	0.350348	0.366355	0.386441	0.358323
0.477251	0.412807	0.325216	0.467576	0.490314	0.205031	0.211948	0.244993	0.299208	0.293466
0.319154	0.353466	0.295318	0.283839	0.291042	0.261113	0.256539	0.330374	0.221604	0.362876
0.268818	0.26465	0.36943	0.355234	0.274515	0.32414	0.332447	0.341707	0.074569	0.34641
0.32922	0.249966	0.41184	0.361244	0.317304	0.331117	0.425666	0.403858	0.295569	0.358323
0.33154	0.325189	0.306234	0.282154	0.264649	0.335358	0.253367	0.24062	0.332424	0.365426
0.317799	0.351983	0.371481	0.39207	0.408915	0.313204	0.295658	0.413762	0.345947	0.453601
0.33154	0.385309	0.334083	0.362254	0.470934	0.345417	0.279837	0.293111	0.3174	0.385849
0.31825	0.231255	0.283828	0.270131	0.297132	0.282798	0.287462	0.329403	0.269205	0.385849
0.327833	0.230508	0.367898	0.321279	0.338942	0.31955	0.443045	0.326501	0.277381	0.253336
0.276539	0.412807	0.387177	0.332934	0.415768	0.366262	0.328671	0.246594	0.331931	0.356816
0.208729	0.291712	0.36032	0.307693	0.341845	0.342038	0.322606	0.377595	0.338883	0.282763
0.266008	0.193683	0.327067	0.442541	0.431595	0.123995	0.20271	0.380315	0.385326	0.320744

0.34525	0.314645	0.324293	0.225851	0.424489	0.283217	0.217369	0.278194	0.339885	0.329132
0.286073	0.292142	0.299651	0.186345	0.342817	0.320922	0.3784	0.228912	0.323637	0.259705
0.285236	0.224579	0.235021	0.338642	0.303308	0.269983	0.360846	0.365827	0.296022	0.275633
0.193564	0.301706	0.295749	0.227331	0.260603	0.33964	0.367474	0.318856	0.269205	0.332913
0.301864	0.350505	0.199022	0.317614	0.375658	0.341077	0.373684	0.388022	0.509582	0.437001
0.442852	0.426065	0.375611	0.249761	0.430998	0.393539	0.386376	0.370603	0.435458	0.369538
0.378684	0.342705	0.296613	0.187696	0.321917	0.271615	0.309822	0.380861	0.344424	0.271906
0.3994	0.366537	0.299651	0.406941	0.435191	0.331586	0.343974	0.367943	0.389805	0.405032
0.307991	0.384245	0.347976	0.401927	0.363752	0.388694	0.449203	0.361104	0.409963	0.437001
0.203846	0.338379	0.390386	0.385621	0.301977	0.359702	0.412361	0.346223	0.478813	0.530158
0.445869	0.54674	0.524525	0.362254	0.518548	0.515923	0.490145	0.446175	0.306579	0.566793
0.543197	0.591472	0.589876	0.60249	0.470934	0.40953	0.452315	0.477776	0.341896	0.387999
0.504793	0.406606	0.441598	0.498273	0.52001	0.456337	0.397244	0.481893	0.505156	0.524219
0.472719	0.453862	0.368408	0.620436	0.522947	0.532004	0.496322	0.613791	0.802036	0.738031
0.600622	0.522689	0.479434	0.605136	0.547966	0.462639	0.506816	0.526888	0.515555	0.503345
0.455667	0.483559	0.458845	0.591211	0.42862	0.441576	0.661734	0.531501	0.438595	0.496374
0.425177	0.508306	0.427925	0.468867	0.48691	0.623696	0.429798	0.377053	0.452024	0.439421
0.481174	0.622541	0.351888	0.548814	0.492369	0.529776	0.449203	0.388022	0.432964	0.356315
0.531241	0.493016	0.49146	0.369904	0.366312	0.40506	0.436371	0.384151	0.401209	0.352326
0.568947	0.380013	0.415237	0.396423	0.441253	0.430826	0.420411	0.405589	0.267078	0.386923
0.49316	0.540601	0.486074	0.41772	0.497202	0.462004	0.552316	0.429361	0.420707	0.386385
0.374553	0.332205	0.42269	0.508063	0.4474	0.427301	0.362367	0.429972	0.354683	0.389078
0.458151	0.301267	0.253812	0.42176	0.2876	0.386558	0.37525	0.368474	0.347987	0.461187
0.39292	0.437332	0.479434	0.467576	0.298887	0.585846	0.344948	0.390807	0.396612	0.542286
0.509674	0.472346	0.601065	0.621353	0.414618	0.456963	0.382636	0.362149	0.301039	0.459278
0.429237	0.316916	0.346518	0.413718	0.320991	0.258328	0.278161	0.271347	0.478813	0.531655
0.45443	0.418522	0.382408	0.398617	0.377763	0.472915	0.530837	0.378681	0.554872	0.502643
0.604095	0.795441	0.708315	0.710737	0.621799	0.484775	0.459876	0.650819	0.645109	0.306221
0.797416	0.458883	0.49146	0.799248	0.666583	0.776422	0.901286	1.565537	1.310256	1.160795
0.945049	0.5323	0.835821	1.122868	0.987033	1.817815	0.388211	0.194106	0.097053	0.048526
1.866326	1.849909	0.68406	2.978225	0.493517	0	0	0	0	0
0.116805	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2.571841	0	0	0
0	0	0	0	0	0	0	0	0	0
0	2.600964	0.264165	1.117081	0	0	0	1.406377	0.173867	1.56194
0	0	1.338785	0.528331	0.775587	0	0	0.347734	1.516217	0.425652
1.686215	0.63979	0.58406	0.810385	0.980646	0.387793	0.695468	1.394941	0.677437	1.376807
1.742345	1.27958	0.845184	1.450694	1.015612	1.003143	1.842996	1.007141	1.313403	1.703269
0	0	1.422643	1.050578	2.026714	1.263595	0.990674	1.310196	3.051933	1.31661
0	0	0	0	0.525289	1.127134	1.406408	1.920234	1.213984	1.31661
0	0	0	0	0	1.693596	1.266771	1.240378	1.867647	1.516183
0	0	0	0	0	2.177248	0.097072	0.072804	0.036402	0
0	0	0	0	0.38829	0.194145	0.048536	0	0	0
0.545754	1.935474	0.668798	0.77658	1.854399	2.03775	0.38132	0.214928	0.107464	0.33605
1.136467	1.337595	1.717246	1.623451	0.884362	0.568495	0.660724	0.823385	0.804954	0.621313
0.659821	0.617054	0.544724	0.75212	0.459326	0.393539	0.444884	0.456456	0.393763	0.315697
0.541684	0.3645	0.388779	0.432323	0.414618	0.237426	0.352825	0.383601	0.243144	0.26617

0.518889	0.294297	0.327067	0.365298	0.438818	0.286167	0.315255	0.377595	0.366255	0.245504
0.389184	0.439137	0.424428	0.47867	0.438818	0.402289	0.423323	0.659034	0.474688	0.572523
0.513195	0.700994	0.63932	0.826348	0.906952	0.561266	0.822773	0.910212	0.931516	0.607698
0.861822	0.873266	0.615244	0.636296	0.843968	0.732919	0.490827	0.633862	0.565705	0.636323
0.796058	0.626237	0.583131	0.652756	0.6625	0.51736	0.621196	0.535382	0.375414	0.443688
0.559406	0.48624	0.523794	0.53656	0.368888	0.534244	0.370568	0.410241	0.239943	0.318902
0.442251	0.475614	0.522337	0.417146	0.386284	0.366262	0.335777	0.296697	0.241541	0.275218
0.307111	0.320573	0.340256	0.41772	0.226166	0.253988	0.386913	0.342706	0.404108	0.396707
0.415472	0.367559	0.343135	0.463728	0.452382	0.50529	0.557855	0.714227	0.935452	3.294334
0.437474	0.588059	0.837321	0.90698	1.082616	0.226191	0.113095	0.056548	0.028274	0
0.217377	0.108688	0.054344	0.027172	0	0	0	0	0	0
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170	171	172	173	174	175	176	177	178	179
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0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	2.87302
0.066778	0	0	0	0.51322	1.51708	1.456318	2.532035	0.971484	2.290664
1.203458	1.512238	0.859894	1.026439	1.616786	1.412619	0.852991	0.879512	1.063456	1.015317
1.181666	0.693349	1.119703	1.107691	0.784099	0.616655	0.864795	1.126104	0.864499	0.948408
0.75217	0.349045	0.611672	0.774291	0.561326	0.448004	0.721892	0.737896	0.537503	0.628504
0.536478	0.615488	0.53202	0.490089	0.576601	0.827602	0.724359	0.601159	0.682564	0.494798
0.4844	0.721532	0.663993	0.475729	0.350742	0.718739	0.572466	0.495891	0.584749	0.735381
0.796524	0.57125	0.322407	0.456648	0.589753	0.510895	0.369901	0.540176	0.669778	0.529898
0.464928	0.50015	0.474799	0.517345	0.4788	0.513083	0.491556	0.537812	0.578207	0.711797
0.568934	0.406158	0.257304	0.496391	0.422608	0.554488	0.497385	0.462922	0.508902	0.380147
0.636083	0.36744	0.291965	0.447729	0.548996	0.556908	0.475221	0.416543	0.550361	0.229456
0.53011	0.490065	0.456201	0.471046	0.461233	0.439896	0.448199	0.652243	0.55915	0.450913
0.405883	0.434032	0.49565	0.513659	0.45991	0.402048	0.468993	0.537027	0.512874	0.515055
0.439825	0.521814	0.420039	0.306344	0.470604	0.572557	0.542973	0.445421	0.435581	0.523586
0.57415	0.638919	0.627778	0.506381	0.510252	0.393635	0.432758	0.592159	0.595234	0.537919
0.459521	0.492923	0.582016	0.524059	0.587091	0.451798	0.498119	0.571293	0.579135	0.502191
0.549502	0.618349	0.515313	0.346886	0.765026	0.589663	0.487235	0.543349	0.80587	0.61962
0.799452	0.810043	0.706967	0.605701	0.784099	0.6827	0.575968	0.857633	0.913826	0.709388
0.495932	0.59871	0.628744	0.619528	0.529967	0.500825	0.671982	0.688491	0.482069	0.629502
0.43093	0.490778	0.580282	0.490089	0.350229	0.557718	0.576848	0.706655	0.525835	0.583993
0.73537	0.697921	0.53202	0.713246	0.630804	0.742883	0.519967	0.515599	0.621071	0.721572
0.437904	0.424745	0.361371	0.599396	0.60057	0.486834	0.605048	0.564554	0.501842	0.298299
0.432821	0.587873	0.496363	0.573366	0.49855	0.555293	0.680844	0.477723	0.448461	0.494066
0.68402	0.865501	0.553443	0.649579	0.645735	0.441134	0.600374	0.480469	0.485053	0.586702
0.878164	0.609823	0.559174	0.707474	0.614481	0.404889	0.50255	0.563719	0.573593	0.575083
0.56721	0.445446	0.763808	0.755957	0.60057	0.518233	0.576848	0.735411	0.681386	0.561198
0.745631	0.363698	0.752086	0.819353	0.469928	0.476628	0.760455	0.651222	0.450531	0.668157
0.726586	0.438435	0.418248	0.515867	0.838951	0.790044	0.72684	0.800792	0.55915	0.71788

0.552819	0.394005	0.501384	0.552004	0.509511	0.674138	0.493733	0.437864	0.376935	0.594931
0.522279	0.492207	0.633608	0.552806	0.420192	0.65143	0.54954	0.423132	0.445035	0.672549
0.744335	0.722747	0.696666	0.750858	0.654947	0.594929	0.448199	0.585969	0.5426	0.466425
0.606833	0.37393	0.321929	0.481144	0.684922	0.527206	0.312119	0.501638	0.600085	0.451576
0.554488	0.311126	0.332558	0.374759	0.504361	0.324933	0.51155	0.601159	0.509694	0.427692
0.456843	0.519522	0.472768	0.433462	0.553067	0.465344	0.426482	0.462261	0.566311	0.508954
0.401748	0.291308	0.517553	0.344394	0.346146	0.371437	0.437844	0.507461	0.426328	0.407446
0.433453	0.300413	0.582016	0.533944	0.324832	0.409474	0.529339	0.488112	0.47251	0.386956
0.613484	0.540599	0.60247	0.510005	0.42443	0.559342	0.480833	0.584216	0.578207	0.538729
0.318043	0.418662	0.406493	0.514394	0.401328	0.508717	0.423997	0.42921	0.537503	0.450913
0.351812	0.446089	0.318128	0.515867	0.401905	0.35436	0.241161	0.453112	0.456798	0.210004
0.743043	0.624127	0.580282	0.565852	0.507297	0.639526	0.475919	0.530023	0.495662	0.43786
0.542941	0.64093	0.55589	0.366313	0.437398	0.522696	0.412384	0.390026	0.519307	0.390977
0.540506	0.313016	0.58814	0.575054	0.530743	0.424121	0.563833	0.522372	0.323206	0.353404
0.585671	0.515729	0.789646	0.452803	0.554706	0.536368	0.616475	0.530023	0.525835	0.492605
0.399402	0.59871	0.443388	0.388295	0.580941	0.532527	0.389477	0.474994	0.42372	0.417758
0.398234	0.433407	0.351553	0.432852	0.55225	0.444243	0.370996	0.435995	0.390569	0.440439
0.527746	0.419872	0.271093	0.496391	0.540965	0.555293	0.427106	0.667863	0.460319	0.522804
0.534877	0.471254	0.373562	0.390501	0.553067	0.440515	0.51155	0.405394	0.59911	0.636556
0.37996	0.467183	0.433404	0.379584	0.528418	0.347813	0.452147	0.392831	0.438934	0.49996
0.397651	0.517242	0.532794	0.402835	0.349205	0.334038	0.620352	0.563719	0.508112	0.432111
0.539698	0.513469	0.379515	0.453442	0.366958	0.437432	0.537307	0.576416	0.442312	0.371784
0.521504	0.582555	0.418248	0.447729	0.531521	0.477301	0.395237	0.530023	0.588533	0.540354
0.690831	0.402069	0.279668	0.692815	0.52457	0.505112	0.413592	0.562054	0.406516	0.324235
0.446944	0.525661	0.395048	0.495686	0.464556	0.626039	0.466253	0.450534	0.491843	0.445644
0.523834	0.402069	0.376258	0.413777	0.422003	0.415857	0.352743	0.440997	0.41599	0.328712
0.405883	0.343929	0.490694	0.427402	0.446903	0.390866	0.43593	0.472959	0.329439	0.363038
0.4424	0.355264	0.300512	0.442713	0.509511	0.469955	0.423378	0.455707	0.422422	0.328212
0.340432	0.365832	0.375717	0.41436	0.381593	0.503679	0.291092	0.410053	0.39847	0.365208
0.374403	0.336867	0.241157	0.432852	0.502901	0.446747	0.271907	0.409468	0.369413	0.305823
0.509282	0.416854	0.266868	0.35598	0.281589	0.35183	0.294296	0.480469	0.51769	0.349715
0.351288	0.371214	0.279668	0.225925	0.324832	0.31928	0.278947	0.319467	0.408394	0.377901
0.370555	0.3419	0.333047	0.29201	0.341597	0.345818	0.320824	0.368214	0.214309	0.205086
0.301861	0.279311	0.415871	0.363187	0.412429	0.387567	0.362311	0.306357	0.268525	0.340883
0.276016	0.268918	0.365573	0.337979	0.359036	0.363074	0.325243	0.370881	0.355305	0.389249
0.292159	0.340384	0.385551	0.278135	0.276799	0.340379	0.263693	0.279095	0.321148	0.366297
0.46357	0.47262	0.351042	0.434072	0.273778	0.285521	0.268429	0.407135	0.389968	0.318824
0.395327	0.402069	0.310158	0.308169	0.256908	0.24306	0.235907	0.336432	0.385183	0.260801
0.323901	0.269774	0.338467	0.261803	0.293126	0.302748	0.270165	0.235057	0.263103	0.308679
0.361886	0.352662	0.325283	0.246856	0.333134	0.31648	0.296138	0.260858	0.282384	0.335262
0.256225	0.348531	0.353602	0.227442	0.249118	0.279927	0.233504	0.257547	0.249401	0.297367
0.311306	0.331892	0.332069	0.389396	0.330185	0.297374	0.178422	0.316152	0.315539	0.27692
0.349199	0.273218	0.252397	0.36579	0.386582	0.399226	0.336744	0.386683	0.397857	0.321767
0.298139	0.271062	0.263935	0.318816	0.326285	0.293828	0.278947	0.310528	0.34218	0.304875
0.294909	0.253367	0.402453	0.413194	0.366958	0.302748	0.306412	0.272219	0.257747	0.379585
0.262153	0.281948	0.417058	0.380123	0.338591	0.359978	0.212449	0.155849	0.336826	0.443685
0.263434	0.315391	0.389994	0.348891	0.27249	0.323513	0.277176	0.264193	0.320635	0.417145

0.462216	0.410286	0.324322	0.461829	0.416592	0.436818	0.382666	0.471607	0.384589	0.379023
0.473167	0.501609	0.337972	0.357514	0.405968	0.376748	0.353796	0.431049	0.391172	0.348143
0.391865	0.354221	0.269821	0.246856	0.376115	0.298711	0.313558	0.409468	0.351987	0.383538
0.471092	0.397443	0.533571	0.313692	0.461233	0.41005	0.398145	0.461601	0.408394	0.443685
0.441755	0.398595	0.466065	0.388295	0.506561	0.407175	0.165592	0.37735	0.432917	0.408046
0.319987	0.377212	0.367689	0.377797	0.365894	0.382665	0.323765	0.340904	0.434247	0.476849
0.450876	0.391728	0.311088	0.44209	0.52457	0.36463	0.383794	0.420725	0.434913	0.308679
0.52073	0.554414	0.408819	0.359569	0.560493	0.634661	0.54954	0.470933	0.434913	0.304402
0.385022	0.409103	0.300966	0.35496	0.417789	0.416443	0.451486	0.392268	0.320123	0.376783
0.408862	0.367977	0.388879	0.467732	0.464556	0.324459	0.482957	0.446694	0.324239	0.48394
0.675102	0.485814	0.470074	0.421425	0.50072	0.486834	0.501068	0.59484	0.485053	0.511994
0.517648	0.432159	0.454903	0.285885	0.420192	0.53714	0.368808	0.399067	0.493367	0.44959
0.416702	0.490778	0.435258	0.376361	0.494956	0.518974	0.358565	0.399638	0.512077	0.431477
0.606833	0.649067	0.420039	0.657685	0.624008	0.550484	0.500329	0.467577	0.468889	0.404459
0.408264	0.573833	0.583757	0.524811	0.465224	0.641488	0.59667	0.489516	0.5962	0.43786
0.411259	0.48021	0.466731	0.483191	0.399027	0.438047	0.487952	0.513364	0.476162	0.49774
0.411259	0.416252	0.631656	0.487317	0.632766	0.525697	0.582165	0.566229	0.503401	0.541169
0.575903	0.502341	0.6833	0.695038	0.808444	0.675199	0.598518	0.618789	0.566311	0.537919
0.451535	0.436543	0.502829	0.468392	0.533081	0.561789	0.343381	0.48254	0.627258	0.520464
0.500337	0.474677	0.345969	0.4262	0.601483	0.49658	0.383794	0.513364	0.529966	0.491149
0.509282	0.432159	0.52587	0.575054	0.527646	0.509442	0.532509	0.650202	0.540044	0.558643
0.436627	0.519522	0.514568	0.465755	0.45991	0.408898	0.465571	0.452466	0.458907	0.48038
0.570666	0.435286	0.451673	0.584455	0.623046	0.579319	0.505529	0.495178	0.31251	0.380711
0.549502	0.450616	0.60247	0.565025	0.489976	0.642472	0.458807	0.555456	0.399698	0.541985
0.513065	0.576431	0.612603	0.616727	0.700723	0.750396	0.592998	0.658424	0.47251	0.507442
0.398818	0.589661	0.434639	0.476402	0.666477	0.549687	0.439125	0.611278	0.543456	0.376225
0.527746	0.469893	0.403603	0.530878	0.567203	0.458841	0.483667	0.606649	0.423071	0.331723
0.569799	0.506019	0.47889	0.670133	0.603316	0.44362	0.407586	0.699754	0.545172	0.509712
0.456176	0.602383	0.467397	0.400001	0.44883	0.431331	0.369354	0.470933	0.570848	0.583993
0.617331	0.558562	0.569178	0.514394	0.423822	0.538689	0.615511	0.532345	0.476896	0.563768
0.707151	0.458489	0.718706	0.693925	0.580069	0.507272	0.487952	0.561224	0.673228	0.805854
0.957134	0.65736	0.67569	0.782391	0.69843	0.536368	0.317903	0.424946	0.636708	0.514288
0.605891	0.570393	0.517553	0.523308	0.624008	0.588791	0.510037	0.565391	0.616995	0.402084
0.509282	0.517242	0.497791	0.615797	0.667541	0.492376	0.674181	0.610349	0.431591	0.644761
0.750854	0.586093	0.575122	0.5759	0.718316	0.531763	0.632195	0.570445	0.614971	0.572446
0.550329	0.515729	0.578555	0.441468	0.50072	0.49168	0.488671	0.604811	0.609952	0.504434
0.501075	0.579045	0.698934	0.537031	0.508772	0.588791	0.660085	0.495891	0.647454	0.65418
0.614442	0.552766	0.6619	0.58967	0.514723	0.473946	0.523069	0.595737	0.528309	0.61767
0.689688	0.631953	0.47889	0.552806	0.540965	0.301848	0.493006	0.702043	0.607961	0.648922
0.679538	0.590557	0.454255	0.464442	0.539377	0.456909	0.590264	0.723197	0.626221	0.743102
0.542128	0.505281	0.531246	0.587054	0.444986	0.408898	0.674181	0.61408	0.456097	0.72405
0.657797	0.580797	0.591678	0.676493	0.638704	0.53714	0.590264	0.69072	0.704334	0.556949
0.518416	0.376115	0.509393	0.515867	0.492103	0.539465	0.426482	0.433515	0.455397	0.518138
0.548676	0.516485	0.582886	0.576748	0.434898	0.657506	0.523069	0.387795	0.35921	0.564628
0.553653	0.625098	0.580282	0.51513	0.563835	0.780464	0.582165	0.516346	0.605978	0.627508
0.578545	0.600542	0.652603	0.601188	0.651855	0.575081	0.593913	0.589496	0.518497	0.53389
0.583878	0.610762	0.487888	0.434684	0.508772	0.490289	0.468306	0.447331	0.425675	0.417758

0.51535	0.391161	0.502829	0.476402	0.525337	0.406603	0.480833	0.475675	0.410912	0.400311
0.651481	0.451919	0.58814	0.743319	0.804048	0.476628	0.475919	0.417138	0.363715	0.26944
0.525395	0.390594	0.441499	0.483191	0.614481	0.467973	0.406395	0.367151	0.427638	0.465054
0.437265	0.362635	0.542203	0.517345	0.537794	0.490984	0.483667	0.42616	0.474698	0.574203
0.470403	0.578172	0.708126	0.548808	0.526105	0.396421	0.49228	0.648171	0.66071	0.609957
0.469715	0.551124	0.592567	0.660763	0.537794	0.428914	0.479424	0.59127	0.59911	0.474045
0.542941	0.626071	0.557529	0.609345	0.54017	0.437432	0.576848	0.603895	0.399698	0.456246
0.468342	0.517242	0.573415	0.695038	0.626908	0.416443	0.73437	0.562886	0.385778	0.672549
0.725345	0.610762	0.518303	0.483876	0.653914	0.528719	0.513068	0.685168	0.540895	0.522023
0.571534	0.543005	0.486491	0.386101	0.471959	0.507272	0.486519	0.440368	0.336826	0.420838
0.517648	0.44867	0.55101	0.51513	0.44883	0.497991	0.283405	0.350498	0.35865	0.516594
0.492295	0.5398	0.72955	0.676493	0.508772	0.601154	0.530129	0.564554	0.573593	0.500702
0.489408	0.518001	0.575978	0.579302	0.526875	0.430725	0.404614	0.520858	0.516883	0.412875
0.416094	0.755591	0.417652	0.481144	0.590644	0.507994	0.474525	0.620687	0.442312	0.444337
0.529321	0.56107	0.470074	0.552004	0.540965	0.439279	0.562127	0.467577	0.325274	0.561198
0.758808	0.693349	0.619177	0.616727	0.707675	0.460782	0.47872	0.551383	0.591392	0.567218
0.69775	0.567831	0.59704	0.492879	0.470604	0.418791	0.510793	0.544944	0.476896	0.475445
0.548676	0.455849	0.583757	0.58532	0.42443	0.454985	0.547889	0.483233	0.418551	0.575083
0.327851	0.367977	0.559174	0.549605	0.463224	0.526451	0.516887	0.498037	0.468168	0.692885
0.377728	0.32211	0.363467	0.502787	0.623046	0.483405	0.344412	0.484621	0.432917	0.41409
0.535677	0.556898	0.411157	0.394945	0.529192	0.489596	0.488671	0.579866	0.510487	0.332731
0.513825	0.409694	0.361371	0.503503	0.491393	0.397541	0.604109	0.507461	0.360894	0.474045
0.572405	0.515729	0.492105	0.726223	0.700723	0.561789	0.505529	0.585092	0.455397	0.41592
0.523056	0.639923	0.499943	0.530115	0.525337	0.41938	0.460151	0.581601	0.421775	0.522804
0.522279	0.483704	0.620124	0.502071	0.459251	0.37889	0.503293	0.530023	0.383402	0.59217
0.551987	0.440971	0.709289	0.657685	0.562997	0.500825	0.453471	0.574702	0.447087	0.569824
0.456843	0.453879	0.607046	0.511463	0.423822	0.447375	0.359098	0.441626	0.453305	0.508954
0.491572	0.648042	0.643502	0.504221	0.480182	0.523445	0.421527	0.498755	0.537503	0.453571
0.549502	0.470573	0.444653	0.62804	0.466563	0.404319	0.518424	0.601159	0.475429	0.439793
0.568934	0.577301	0.59704	0.640639	0.701874	0.575925	0.466253	0.598439	0.571761	0.336279
0.543756	0.530323	0.544587	0.555222	0.527646	0.456267	0.367175	0.494466	0.447087	0.415309
0.53011	0.448023	0.549395	0.597611	0.541762	0.490289	0.400486	0.375724	0.360894	0.511994
0.757473	0.552766	0.555073	0.543273	0.647766	0.516019	0.400486	0.586848	0.563612	0.609957
0.590184	0.674437	0.501384	0.563376	0.662249	0.530238	0.365006	0.563719	0.669778	0.456246
0.47386	0.650095	0.691047	0.622347	0.635724	0.63273	0.454799	0.579866	0.654032	0.494798
0.682895	0.659459	0.537473	0.5759	0.624973	0.615728	0.462853	0.589496	0.506536	0.539541
0.786427	0.713121	0.697798	0.506381	0.541762	0.477301	0.432758	0.566229	0.537503	0.496267
0.581203	0.461146	0.516058	0.661794	0.608863	0.527206	0.544605	0.536243	0.418551	0.382971
0.591093	0.434032	0.35721	0.540141	0.548996	0.459487	0.420911	0.437864	0.438261	0.569824
0.667446	0.631953	0.589022	0.641623	0.742939	0.540243	0.404022	0.544944	0.525014	0.594009
0.600282	0.741391	0.569178	0.594948	0.793959	0.652437	0.473135	0.617843	0.584749	0.43786
0.551987	0.782662	0.562483	0.571685	0.562997	0.536368	0.504782	0.572994	0.501842	0.369032
0.622187	0.536618	0.580282	0.621405	0.510252	0.507272	0.538112	0.526181	0.500289	0.538729
0.46357	0.63592	0.626813	0.552004	0.544962	0.522696	0.539726	0.512622	0.508902	0.42895
0.559532	0.589661	0.454903	0.639656	0.627879	0.50225	0.662224	0.555456	0.334173	0.400901
0.568934	0.546234	0.603381	0.657685	0.663302	0.526451	0.692181	0.666804	0.445035	0.595855
0.677314	0.788285	0.77046	0.655644	0.734161	0.566726	0.497385	0.574702	0.59911	0.396787

0.711928	0.629002	0.667152	0.453442	0.439912	0.649423	0.586646	0.483233	0.597168	0.450913
0.645256	0.557729	0.508659	0.477751	0.60057	0.572557	0.498854	0.659463	0.727254	0.465054
0.664206	0.528764	0.662945	0.604795	0.560493	0.585323	0.637227	0.735411	0.841788	0.621578
0.651481	0.634925	0.641505	0.52632	0.473319	0.613879	0.624264	0.550572	0.611953	0.585797
0.732842	0.708387	0.639517	0.617659	0.673978	0.471281	0.585746	0.657388	0.474698	0.450913
0.762841	0.70604	0.672468	0.716747	0.742939	0.504395	0.553695	0.60025	0.480585	0.469872
0.650438	0.627046	0.623934	0.564199	0.659104	0.60295	0.651633	0.543349	0.683746	0.546916
0.526961	0.607018	0.67569	0.537031	0.732922	0.675199	0.593913	0.442887	0.595234	0.609003
0.495202	0.808558	0.788247	0.660763	0.762369	0.5561	0.521515	0.606649	0.683746	0.526731
0.717976	0.693349	0.92692	0.766338	0.621128	0.622261	0.697963	0.512622	0.65959	0.835337
0.681773	0.56107	0.574268	0.680786	0.577465	0.601154	0.444937	0.457663	0.509694	0.65418
0.671804	0.549488	0.487189	0.670133	0.766361	0.489596	0.424617	0.526181	0.503401	0.538729
0.641155	0.720321	0.782696	0.819353	0.719514	0.742883	0.882233	0.764879	0.701861	0.748327
0.572405	0.64093	0.848046	0.696154	0.651855	0.890833	0.743322	0.616899	0.638836	0.731571
0.559532	0.587873	0.734458	0.701777	0.636715	0.741644	0.552861	0.576416	0.624154	0.634529
0.814399	0.736341	0.618231	0.668033	0.829572	0.940713	0.781102	0.645142	0.639904	0.750963
0.777955	0.768916	0.409986	0.55928	0.591537	1.027063	0.885806	0.592159	0.515275	0.680345
0.785004	0.605158	0.611672	0.665944	0.753193	0.676263	0.708568	0.813949	0.500289	0.439793
0.812881	0.853829	0.666096	1.036108	0.828028	0.649423	0.761801	0.98664	0.757015	0.375667
0.859211	0.823642	0.934677	0.909754	0.679415	0.903225	0.662224	0.770215	0.788967	0.872181
0.815922	0.785464	0.897208	0.843769	0.652883	0.857259	0.796892	0.680777	0.656246	0.767126
0.724108	0.923261	0.82313	0.719097	0.627879	0.621322	0.64437	0.74417	0.793512	0.71788
0.8609	0.828271	1.096374	0.981083	0.575738	0.763214	0.744617	0.655323	0.915839	0.942203
0.842671	0.671184	0.695536	0.787877	0.568049	0.67308	0.747216	0.639146	0.605978	0.674763
0.815922	0.766218	0.489991	0.676493	0.762369	0.716397	0.548713	0.876074	0.791992	0.544444
0.892486	0.839268	0.758559	0.987592	0.995092	0.83063	0.712162	1.00699	0.846925	0.753615
0.671804	0.671184	0.821619	0.759821	0.569746	0.761915	0.755111	0.649185	0.838398	0.792557
0.618298	0.524118	0.6833	0.548013	0.562997	0.730643	0.703823	0.770215	0.89611	0.778245
0.806861	1.120152	0.846446	0.697273	0.771742	0.716397	0.885806	0.855995	0.95599	0.856729
0.95293	0.951167	1.216643	1.063863	0.653914	0.66992	0.993119	0.886473	1.000235	0.950496
0.842671	0.563593	0.817118	0.811997	0.759727	0.80554	0.636216	0.891767	0.736504	0.658433
0.885266	0.747788	0.893633	1.007725	1.045441	1.022313	0.681964	0.906208	0.648543	0.655239
0.8609	0.888048	1.18767	1.036108	0.960302	1.008365	0.807247	0.803681	0.740529	0.810378
0.981014	0.840862	0.815628	0.785126	0.606081	0.806976	0.825595	0.633232	0.677871	0.701058
0.539698	0.908085	0.79387	0.606609	0.655983	0.769768	0.666534	0.605729	0.919895	0.502937
0.667446	0.779878	0.934677	0.856511	0.761046	0.914135	1.248245	1.132238	0.992943	0.682598
0.825176	0.648042	1.006886	0.851689	0.568896	0.667827	0.817856	0.870966	0.869912	0.897366
0.850862	0.70487	0.765131	0.716747	0.757102	0.597586	0.564689	1.035699	0.877237	0.81342
1.001579	0.919417	0.925002	0.960066	0.805508	0.969024	0.691034	0.639146	0.967204	0.989909
0.76555	0.682125	0.821619	0.712086	0.679415	0.749135	0.807247	0.517845	0.686118	0.934065
0.990034	0.908085	0.942575	0.645583	0.700723	0.784544	0.970737	0.698615	0.683746	0.609003
0.715547	0.741391	0.890087	0.619528	0.882111	0.78318	0.730589	0.739143	0.727254	0.698707
0.646288	0.670105	0.724697	1.058683	0.672898	0.581882	0.650588	0.630304	0.654032	0.66165
0.670711	0.70487	0.566655	0.615797	0.640701	0.719915	0.633197	0.719599	0.652928	0.534692
0.639119	0.813029	0.483712	0.632843	0.802592	0.610205	0.493006	0.886473	0.801195	0.743102
1.154214	0.782662	0.77046	0.765027	0.820391	0.758042	0.811762	0.756997	0.67904	0.631506
0.675102	0.755591	0.700072	0.74833	0.66015	0.688137	0.854658	0.546544	0.715643	0.754948

0.448251	0.730109	0.721093	0.800479	0.644724	0.931033	0.962098	0.595737	0.80744	0.709388
0.957134	1.105222	1.013874	1.101964	0.931991	0.832152	1.324888	0.849503	0.788967	0.692885
0.862596	0.631953	0.769122	0.731039	0.68826	0.599367	0.831888	0.956765	0.622096	0.537919
0.611573	0.575564	0.610743	0.64261	0.751898	0.631768	0.476617	0.792237	0.655138	0.596781
0.749542	0.713121	0.504279	0.569175	0.692751	0.587922	0.616475	0.697478	0.657358	0.798416
0.743043	0.808558	0.706967	0.625184	0.618267	0.569215	0.586646	0.517095	0.58287	0.594009
0.619267	0.398018	0.654652	0.787877	0.442442	0.475285	0.718217	0.642133	0.468889	0.539541
0.416702	0.404986	0.648535	0.503503	0.587091	0.670971	0.576848	0.552194	0.739183	0.526731
0.494474	0.573833	0.666096	0.738365	0.773098	0.680543	0.701469	0.685168	0.873559	0.87569
0.500337	0.413259	0.549395	0.456648	0.478111	0.484773	0.523069	0.497321	0.623124	0.562053
0.534877	0.588766	0.456852	0.328772	0.402483	0.434981	0.40225	0.495178	0.644202	0.601441
0.582093	0.47262	0.522827	0.600291	0.533863	0.610205	0.383794	0.692961	0.633535	0.533088
0.578545	0.50824	0.462092	0.512194	0.454009	0.518974	0.443638	0.726826	0.455397	0.42895
0.501075	0.47399	0.617288	0.541704	0.331657	0.445493	0.560427	0.589496	0.405892	0.44499
0.41488	0.607951	0.578555	0.530878	0.469928	0.767135	0.590264	0.500194	0.652928	0.749643
0.630073	0.644979	0.617288	0.548808	0.548996	0.596699	0.663298	0.643134	0.441635	0.665977
0.470403	0.487934	0.452962	0.489394	0.475366	0.518233	0.468993	0.399067	0.53163	0.612834
0.352336	0.376663	0.44783	0.41087	0.519997	0.54494	0.392348	0.469587	0.544313	0.46437
0.43472	0.583437	0.528934	0.643598	0.639701	0.606562	0.479424	0.506729	0.425022	0.487529
0.56635	0.47399	0.620124	0.63575	0.436146	0.554488	0.470369	0.50893	0.39238	0.603319
0.549502	0.459815	0.387767	0.509278	0.413022	0.60838	0.527763	0.414764	0.503401	0.643727
0.350765	0.47399	0.476839	0.499933	0.474683	0.656488	0.730589	0.649185	0.728563	0.792557
0.495932	0.459815	0.432787	0.576748	0.642708	0.402615	0.475919	0.442887	0.519307	0.558643
0.454845	0.379414	0.324802	0.33749	0.432412	0.472612	0.497385	0.44797	0.512874	0.35024
0.485112	0.458489	0.397881	0.397747	0.457934	0.437432	0.43593	0.45376	0.43093	0.504434
0.510036	0.563593	0.652603	0.618592	0.602399	0.521949	0.474525	0.270942	0.374606	0.489697
0.529321	0.313965	0.518303	0.761117	0.531521	0.401482	0.473135	0.423132	0.341104	0.374554
0.398818	0.37393	0.366101	0.455363	0.437398	0.533292	0.438484	0.426768	0.416629	0.337808
0.278665	0.481604	0.542996	0.517345	0.455314	0.505112	0.384924	0.493756	0.611953	0.49996
0.337886	0.408512	0.470746	0.459879	0.444986	0.412364	0.557048	0.31757	0.460319	0.508954
0.429674	0.355787	0.46012	0.480463	0.463224	0.489596	0.501068	0.390585	0.421128	0.392712
0.429674	0.558562	0.485099	0.372632	0.533863	0.412944	0.420911	0.45376	0.555613	0.394454
0.598429	0.482303	0.422438	0.492879	0.533081	0.490984	0.369901	0.479781	0.444352	0.49996
0.542941	0.412068	0.359806	0.361632	0.423822	0.484089	0.473829	0.528482	0.455397	0.412875
0.444991	0.407923	0.453608	0.388295	0.339591	0.547307	0.507777	0.451177	0.420483	0.512757
0.524614	0.412068	0.3817	0.509278	0.433653	0.385927	0.468993	0.472959	0.351987	0.337298
0.429674	0.490065	0.489991	0.451529	0.405968	0.403182	0.451486	0.412402	0.394198	0.41592
0.370555	0.491492	0.408819	0.314619	0.398453	0.429517	0.444287	0.448609	0.389968	0.3904
0.555324	0.465834	0.525107	0.495686	0.474683	0.512353	0.54954	0.520102	0.434913	0.392133
0.523056	0.384968	0.341952	0.440847	0.502173	0.358439	0.35538	0.544944	0.461736	0.365752
0.495932	0.406158	0.388879	0.419648	0.443076	0.352335	0.422143	0.434753	0.365985	0.411057
0.561226	0.425972	0.592567	0.50566	0.485051	0.43437	0.55789	0.639146	0.44915	0.431477
0.389572	0.309244	0.401879	0.396624	0.35487	0.393635	0.387195	0.459628	0.335763	0.385814
0.225382	0.333875	0.43033	0.419057	0.349717	0.374616	0.375959	0.428598	0.464583	0.384674
0.36135	0.534247	0.442128	0.467732	0.413615	0.458196	0.43593	0.395654	0.40093	0.387528
0.337886	0.483704	0.397881	0.435296	0.471281	0.402615	0.375959	0.35152	0.234854	0.301575
0.413066	0.403234	0.349006	0.333593	0.457934	0.342349	0.370996	0.310528	0.216321	0.32374

0.473167	0.444163	0.506464	0.480463	0.462559	0.349315	0.359632	0.337422	0.320123	0.40327
0.569799	0.554414	0.488588	0.440847	0.54256	0.391419	0.308306	0.336432	0.454699	0.425187
0.434086	0.362635	0.403603	0.438989	0.380492	0.37889	0.409978	0.343911	0.346511	0.412875
0.448905	0.391161	0.381153	0.410291	0.349717	0.485459	0.396398	0.312862	0.331537	0.500702
0.509282	0.465161	0.52207	0.543273	0.400176	0.438047	0.446891	0.464247	0.401547	0.402676
0.371103	0.450616	0.399019	0.470381	0.51924	0.47865	0.394079	0.445421	0.441635	0.343979
0.435991	0.378862	0.507926	0.478428	0.460571	0.376748	0.459479	0.368214	0.383995	0.356059
0.577662	0.499421	0.52587	0.438989	0.461895	0.407749	0.442991	0.468916	0.381629	0.426438
0.538085	0.46048	0.481639	0.510733	0.45991	0.391419	0.455464	0.390585	0.367696	0.412268
0.407072	0.388898	0.44402	0.537031	0.349717	0.430121	0.406395	0.337422	0.307507	0.44893
0.401748	0.375021	0.48095	0.542487	0.471281	0.56425	0.448855	0.471607	0.418551	0.522023
0.378285	0.447377	0.453608	0.427402	0.459251	0.418202	0.425238	0.305435	0.405892	0.426438
0.499599	0.547858	0.54859	0.463788	0.49855	0.353346	0.363926	0.378438	0.458907	0.405651
0.466973	0.459152	0.457503	0.440227	0.446903	0.304102	0.322292	0.399067	0.35309	0.334248
0.383328	0.47399	0.434639	0.447729	0.548996	0.42056	0.302648	0.410639	0.438934	0.34762
0.324885	0.425358	0.527399	0.4887	0.401905	0.468633	0.397562	0.405394	0.314022	0.336788
0.429048	0.492207	0.619177	0.523308	0.414208	0.516755	0.504782	0.466242	0.469611	0.415309
0.470403	0.429673	0.428496	0.480463	0.487155	0.408323	0.412988	0.505268	0.445718	0.456246
0.511548	0.5398	0.359806	0.338469	0.368026	0.502963	0.490833	0.549764	0.607961	0.450251
0.592915	0.372842	0.411743	0.447729	0.449474	0.527962	0.573339	0.511141	0.46387	0.43786
0.704781	0.569537	0.468065	0.461178	0.537794	0.566726	0.515356	0.50454	0.49643	0.475445
0.561226	0.498695	0.542203	0.372102	0.416592	0.376214	0.391772	0.462261	0.399698	0.465054
0.51688	0.422301	0.537473	0.466413	0.353834	0.292506	0.52074	0.462922	0.401547	0.646836
0.571534	0.482303	0.579418	0.615797	0.577465	0.43437	0.61359	0.450534	0.375187	0.401492
0.253291	0.510473	0.582886	0.498513	0.517729	0.512353	0.365547	0.477723	0.465298	0.386956
0.348679	0.479514	0.489991	0.581013	0.652883	0.53714	0.398145	0.477039	0.540895	0.44499
0.491572	0.432159	0.503554	0.686213	0.57316	0.438662	0.564689	0.515599	0.410281	0.389824
0.535677	0.620267	0.653627	0.561733	0.537005	0.406031	0.504782	0.475675	0.552105	0.364664
0.437904	0.379414	0.570022	0.488008	0.447545	0.389214	0.387764	0.391146	0.49413	0.475445
0.397651	0.341394	0.641505	0.537031	0.515472	0.460134	0.477317	0.503813	0.461027	0.504434
0.667446	0.573833	0.477522	0.588796	0.509511	0.515283	0.621327	0.710147	0.507323	0.338319
0.51535	0.745218	0.498508	0.463788	0.35487	0.44362	0.408781	0.509666	0.581933	0.488974
0.624146	0.634925	0.569178	0.613944	0.544962	0.431937	0.421527	0.555456	0.484305	0.547743
0.700081	0.693349	0.589022	0.705186	0.721921	0.639526	0.649546	0.628364	0.527483	0.495532
0.553653	0.483704	0.529703	0.535485	0.534646	0.419969	0.46421	0.472282	0.515275	0.467801
0.56635	0.436543	0.560825	0.615797	0.460571	0.292946	0.475221	0.520858	0.397857	0.485372
0.547852	0.514221	0.633608	0.588796	0.621128	0.469293	0.612633	0.602981	0.484305	0.601441
0.557002	0.524889	0.462092	0.498513	0.621128	0.60747	0.477317	0.56791	0.586637	0.549402
0.643201	0.581675	0.468734	0.414945	0.427482	0.500825	0.344412	0.546544	0.607961	0.564628
0.969996	0.702541	0.60521	0.662828	0.475366	0.498698	0.41907	0.745436	0.554733	0.48038
0.679538	0.681018	0.464074	0.630915	0.546571	0.592288	0.522291	0.685168	0.681386	0.52437
0.641155	0.575564	0.512343	0.434072	0.457278	0.534059	0.545424	0.489516	0.624154	0.561198
0.510036	0.431536	0.614471	0.536257	0.44883	0.410627	0.46421	0.493046	0.586637	0.603319
0.590184	0.645998	0.669271	0.680786	0.648784	0.521203	0.498119	0.691839	0.898043	0.658433
0.568071	0.777111	0.598843	0.61487	0.779941	0.679469	0.538112	0.579001	0.63777	0.609003
0.639119	0.593258	0.52587	0.58187	0.587091	0.659551	0.500329	0.553007	0.556495	0.467113
0.674	0.741391	0.719898	0.601188	0.572304	0.680543	0.623283	0.772907	0.714372	0.594009

0.377172	0.599625	0.733226	0.517345	0.420795	0.536368	0.582165	0.488112	0.585692	0.678103
0.565492	0.50824	0.54859	0.613021	0.540965	0.418202	0.515356	0.496605	0.404024	0.541169
0.590184	0.580797	0.626813	0.932253	0.721921	0.510168	0.628212	0.672125	0.56812	0.640639
0.693125	0.733837	0.67785	0.676493	0.791119	0.598475	0.664374	0.658424	0.540044	0.576851
0.4844	0.653194	0.698934	0.474386	0.499272	0.596699	0.49592	0.468246	0.479844	0.539541
0.625128	0.64295	0.519054	0.536257	0.737902	0.609292	0.514592	0.645142	0.639904	0.695205
0.502556	0.641939	0.724697	0.793433	0.754492	0.841398	0.647468	0.413581	0.605978	0.71422
0.619267	0.488644	0.489991	0.5759	0.561326	0.659551	0.61938	0.579001	0.668635	0.630503
0.63407	0.500879	0.45881	0.719097	0.653914	0.570048	0.633197	0.797921	0.518497	0.533088
0.829878	0.754281	0.678935	0.624236	0.784099	0.761915	0.702645	0.609421	0.469611	0.441086
0.714337	0.695629	0.638527	0.429211	0.540965	0.663669	0.610724	0.599344	0.558263	0.556949
0.606833	0.659459	0.706967	0.574209	0.513227	0.606562	0.574213	0.615018	0.476162	0.456246
0.743043	0.583437	0.646515	0.689501	0.7677	0.538689	0.576848	0.607571	0.375187	0.639615
0.543756	0.692213	0.723492	0.749592	0.679415	0.56425	0.574213	0.45701	0.575433	0.737939
0.693125	0.679915	0.542996	0.584455	0.55062	0.475285	0.533305	0.630304	0.704334	0.564628
0.710729	0.479514	0.434639	0.552806	0.664358	0.63273	0.696801	0.627397	0.629341	0.535497
0.630073	0.518761	0.457503	0.544847	0.672898	0.747878	0.552861	0.553007	0.605978	0.548572
0.482272	0.636917	0.577695	0.622347	0.710017	0.71175	0.509282	0.540176	0.711841	0.60805
0.575026	0.762202	0.631656	0.695038	0.824957	0.740408	0.452147	0.874365	0.892269	0.634529
0.737912	1.017784	0.956751	0.779674	0.740413	0.929123	0.820935	0.882979	0.727254	0.886393
0.666363	0.709566	0.649548	0.848503	0.707675	0.708297	0.632195	0.772907	0.65073	0.59217
0.797986	0.667955	0.569178	0.732252	0.635724	0.566726	0.725598	0.695214	0.745955	0.491876
0.654628	0.696773	0.696666	0.851689	0.788297	0.808417	0.953627	0.846293	0.708071	0.893678
0.439184	0.467183	0.476158	0.58273	0.629827	0.727038	0.843124	0.673197	0.585692	0.858419
0.342479	0.443522	0.59704	0.475729	0.66015	0.707152	0.600374	0.503813	0.719479	0.639615
0.726586	0.691081	0.731997	0.58273	0.799695	0.645437	0.799825	0.763556	0.658473	0.602379
0.664206	0.630967	0.836969	0.64459	0.562997	0.561789	0.739463	0.652243	0.616995	0.672549
0.837829	0.684347	0.65568	0.651592	0.501446	0.486146	0.384924	0.460285	0.513673	0.40985
0.990034	0.784061	0.695536	0.804763	0.646749	0.511623	0.470369	0.610349	0.579135	0.623546
0.663131	0.692213	0.862716	0.71441	0.648784	0.712907	0.736909	0.754401	0.706822	0.92806
0.537281	0.707212	0.6714	0.578449	0.54017	0.460782	0.786777	0.579866	0.68493	0.795477
0.522279	0.822109	0.718706	0.702911	0.831121	0.614803	0.761801	0.759609	0.940763	0.944261
0.701252	0.586093	0.651583	0.728624	0.618267	0.62794	0.761801	0.736652	0.748694	0.84344
0.760148	0.57211	0.575978	0.696154	0.617317	0.42711	0.469681	0.672125	0.703096	0.6071
0.73537	0.762202	0.67785	0.710928	0.671821	0.644447	0.562979	0.77426	0.630385	0.6071
0.72783	0.608886	0.669271	0.663864	0.580069	0.78318	0.82716	0.695214	0.723349	0.778245
0.593829	0.499421	0.700072	0.687306	0.473319	0.674138	0.552028	0.406554	0.51769	0.664891
0.47386	0.781268	0.960888	0.605701	0.619218	0.739175	0.603172	0.485317	0.632483	0.702238
0.658859	0.622193	1.10209	0.771624	0.773098	0.688137	0.964242	0.776977	0.923989	1.08142
0.705964	0.520285	0.60247	0.71441	0.618267	0.611121	0.779694	0.786626	0.644202	0.730308
0.598429	0.669028	0.575978	0.575054	0.599658	0.550484	0.560427	0.607571	0.823458	0.653123
0.799452	0.645998	0.802443	0.719097	0.67506	0.702603	0.593913	0.815436	0.802748	0.668157
0.700081	0.592356	0.557529	0.596722	0.549807	0.624146	0.539726	0.562054	0.736504	0.692885
0.397651	0.440336	0.55589	0.554415	0.57316	0.525697	0.563833	0.469587	0.580066	0.579515
0.471092	0.786872	0.706967	0.712086	0.769043	0.576771	0.498854	0.50454	0.75007	0.609957
0.596583	0.629002	0.748248	0.904306	0.695013	0.667827	0.623283	0.725613	0.539195	0.736658
0.645256	0.553589	0.528934	0.654627	0.605157	0.733064	0.595749	0.745436	0.65073	0.639615

0.876406	0.633932	0.676769	0.544059	0.603316	0.754202	0.530129	0.797921	0.708071	0.471259
0.911081	0.728873	0.946578	0.680786	0.607006	0.802681	0.649546	0.712491	0.664089	0.561198
0.632067	0.61644	0.79387	0.752127	0.572304	0.630808	0.807247	0.605729	0.696956	0.676987
0.485825	0.650095	0.676769	0.524059	0.558004	0.696982	0.755111	0.569598	0.78298	0.83856
0.631069	0.842461	0.738176	0.626134	0.835802	0.997075	0.733106	0.654294	0.780017	0.791104
0.710729	0.636917	0.856135	0.659735	0.652883	0.616655	0.760455	0.796493	0.561822	0.631506
0.578545	0.786872	0.740672	0.459231	0.59784	0.513815	0.485804	0.719599	0.584749	0.484656
0.849212	0.897041	0.67569	0.499933	0.671821	0.60385	0.490833	0.745436	0.633535	0.754948
1.03564	0.645998	0.736933	0.674363	0.695013	0.81423	0.742032	0.669989	0.81859	1.003883
0.681773	0.491492	0.570868	0.725027	0.571449	0.628894	0.833475	0.607571	0.60204	0.644761
0.627099	0.762202	0.781319	0.702911	0.558004	0.513083	0.663298	0.420725	0.567215	0.595855
0.978788	0.840862	0.821619	0.789259	0.746756	0.754202	0.720664	0.706655	0.674384	0.690578
0.782171	0.689951	0.796709	0.570847	0.596934	0.594047	0.616475	0.649185	0.580066	0.620598
0.710729	0.782662	0.582016	0.412031	0.619218	0.578468	0.41118	0.547347	0.613962	0.653123
0.808358	0.863814	0.730772	0.544847	0.724342	0.624146	0.491556	0.599344	0.513673	0.872181
0.639119	0.531105	0.713972	0.722645	0.720716	0.708297	0.696801	0.443519	0.27911	0.621578
0.47945	0.407923	0.654652	0.699519	0.485051	0.690332	0.653731	0.439114	0.466014	0.613797
0.677314	0.732591	0.798135	0.930333	0.636715	0.764517	0.740746	0.728042	0.675544	0.702238
0.775168	0.542202	0.652603	0.731039	0.566358	0.572557	0.625248	0.704343	0.630385	0.551903
0.607777	0.535826	0.616347	0.510733	0.513974	0.587922	0.515356	0.569598	0.613962	0.452905
0.682895	0.823642	0.694409	0.636723	0.765026	0.707152	0.59667	0.734174	0.790477	0.577737
0.658859	0.713121	0.725905	0.727422	0.526875	0.702603	0.679726	0.588611	0.60204	0.554419
0.529321	0.446089	0.672468	0.762416	0.497109	0.624146	0.63824	0.654294	0.619028	0.603319
0.480858	0.578172	0.719898	0.58532	0.588864	0.543368	0.562127	0.555456	0.642048	0.615729
0.58657	0.685462	0.753373	0.709774	0.587976	0.657506	0.642317	0.574702	0.625186	0.561198
0.543756	0.586093	0.497791	0.578449	0.735404	0.549687	0.516121	0.520102	0.492604	0.451576
0.577662	0.605158	0.606127	0.483876	0.952023	0.744126	0.444937	0.561224	0.609952	0.519688
0.624146	0.708387	0.698934	0.499933	0.734161	0.792821	0.735637	0.893546	0.686118	0.572446
0.646288	0.572971	0.562483	0.580156	0.443076	0.517494	0.621327	0.650202	0.600085	0.578625
0.589278	0.535036	0.598843	0.663864	0.414803	0.521203	0.625248	0.460285	0.456798	0.664891
0.549502	0.521049	0.72955	0.768973	0.599658	0.78182	0.714574	0.579866	0.627258	0.652069
0.53011	0.560233	0.55263	0.602087	0.584444	0.525697	0.703823	0.704343	0.5333	0.564628
0.462216	0.476744	0.500663	0.362668	0.456622	0.43437	0.510793	0.458317	0.529966	0.628504
0.628088	0.48652	0.462092	0.41145	0.588864	0.6981	0.699129	0.624509	0.744592	0.758969
0.691976	0.576431	0.746976	0.630915	0.679415	0.817166	0.856331	0.669989	0.75145	0.776839
0.714337	0.476054	0.600652	0.666987	0.486452	0.397541	0.589357	0.667863	0.540895	0.557795
0.425928	0.664749	0.615408	0.529354	0.574877	0.518974	0.681964	0.603895	0.56541	0.498479
0.546209	0.684347	0.87962	0.87805	0.683815	0.663669	0.802779	0.755697	0.739183	0.461645
0.448251	0.450616	0.515313	0.74833	0.677232	0.604752	0.667618	0.520102	0.479105	0.556104
0.419756	0.519522	0.359806	0.501357	0.751898	0.581882	0.537307	0.468246	0.476896	0.683729
0.632067	0.672266	0.492105	0.544847	0.909112	0.75293	0.808747	0.754401	0.728563	0.769879
0.469028	0.574698	0.642502	0.682949	0.659104	0.658527	0.745915	0.565391	0.601062	0.585797
0.314181	0.470573	0.672468	0.700647	0.521516	0.581882	0.51155	0.710147	0.448461	0.494066
0.412463	0.584321	0.757257	0.893612	0.720716	0.867061	0.752464	0.745436	0.59427	0.511994
0.24297	0.443522	0.586381	0.610261	0.649805	0.570883	0.616475	0.628364	0.58287	0.573323
0.319014	0.270633	0.438367	0.431635	0.590644	0.567554	0.546244	0.5339	0.513673	0.535497
0.658859	0.440336	0.515313	0.476402	0.668607	0.503679	0.538918	0.602981	0.843494	0.633519

0.562076	0.547045	0.607967	0.552004	0.483654	0.581882	0.652681	0.578137	0.509694	0.816484
0.498129	0.464489	0.611672	0.702911	0.392195	0.433761	0.556207	0.659463	0.420483	0.528311
0.406477	0.550305	0.55263	0.463788	0.429324	0.575925	0.555368	0.606649	0.555613	0.653123
0.45818	0.424133	0.489289	0.478428	0.387699	0.547307	0.47872	0.644137	0.581933	0.595855
0.41367	0.489354	0.568335	0.503503	0.447545	0.457552	0.519967	0.509666	0.583809	0.333742
0.380519	0.429673	0.415871	0.485937	0.475366	0.505112	0.413592	0.379528	0.421128	0.477553
0.472474	0.633932	0.582886	0.548013	0.626908	0.545727	0.404022	0.552194	0.56451	0.61962
0.499599	0.453879	0.442757	0.504939	0.503631	0.492376	0.634201	0.639146	0.523376	0.682598
0.472474	0.477435	0.544587	0.647577	0.527646	0.500825	0.564689	0.565391	0.431591	0.497003
0.461541	0.50824	0.474799	0.366313	0.461233	0.597586	0.432758	0.450534	0.481326	0.593089
0.49302	0.400329	0.367159	0.378507	0.343108	0.459487	0.360701	0.490925	0.529966	0.610914
0.404698	0.421085	0.414688	0.367359	0.343108	0.390866	0.441698	0.337917	0.402165	0.429581
0.4844	0.421693	0.454903	0.493579	0.522278	0.473279	0.456131	0.340904	0.480585	0.446299
0.582093	0.406158	0.58814	0.580156	0.471281	0.458841	0.417847	0.442256	0.497199	0.52752
0.584773	0.465834	0.486491	0.58273	0.450765	0.451164	0.32475	0.492338	0.397245	0.536303
0.486539	0.538206	0.483712	0.547219	0.380492	0.527962	0.474525	0.480469	0.383995	0.510471
0.354968	0.463149	0.551819	0.653613	0.551434	0.358951	0.44041	0.525416	0.453305	0.367936
0.387291	0.463818	0.415871	0.502071	0.441175	0.410627	0.423378	0.421325	0.445035	0.431477
0.334347	0.495078	0.321929	0.419057	0.51924	0.408323	0.391197	0.341904	0.44915	0.377901
0.50853	0.475365	0.489991	0.464442	0.590644	0.487523	0.373746	0.363453	0.434247	0.399722
0.509282	0.419872	0.421237	0.321166	0.509511	0.419969	0.379299	0.503086	0.44915	0.394454
0.417921	0.418662	0.40418	0.331176	0.439282	0.431331	0.458136	0.453112	0.431591	0.454906
0.366199	0.414454	0.574268	0.548013	0.580069	0.529478	0.516887	0.481158	0.420483	0.503685
0.551987	0.463149	0.486491	0.587054	0.51924	0.444243	0.41541	0.481849	0.38045	0.40327
0.362423	0.489354	0.487888	0.367884	0.351771	0.389214	0.432758	0.462261	0.434247	0.413482
0.389001	0.613592	0.467397	0.441468	0.45991	0.537914	0.421527	0.35152	0.518497	0.455576
0.603078	0.567831	0.411157	0.52632	0.553886	0.513083	0.537307	0.445421	0.555613	0.49774
0.554488	0.499421	0.542996	0.485249	0.448187	0.248594	0.354851	0.505268	0.527483	0.413482
0.490849	0.270203	0.645508	0.60389	0.377751	0.395863	0.513068	0.476357	0.438261	0.587608
0.551157	0.401488	0.636552	0.648577	0.504361	0.408323	0.603172	0.562886	0.551232	0.570696
0.546209	0.465834	0.504279	0.49428	0.463224	0.358951	0.498119	0.434753	0.42372	0.48109
0.40529	0.47399	0.47889	0.499933	0.439912	0.548099	0.535702	0.451821	0.430269	0.578625
0.530901	0.546234	0.642502	0.532408	0.541762	0.510895	0.526193	0.643134	0.667494	0.735381
0.676207	0.533459	0.519806	0.498513	0.568896	0.486146	0.540535	0.648171	0.668635	0.439147
0.707151	0.619307	0.47889	0.552004	0.587091	0.457552	0.485804	0.480469	0.488058	0.500702
0.66099	0.562751	0.673539	0.706329	0.628852	0.495877	0.381541	0.578137	0.625186	0.644761
0.599355	0.604231	0.558351	0.465098	0.60057	0.449897	0.207529	0.458317	0.566311	0.648922
0.543756	0.407334	0.489991	0.416116	0.40948	0.336953	0.230319	0.424946	0.372868	0.494798
0.575026	0.476054	0.727117	0.442713	0.339591	0.434981	0.517655	0.493046	0.441635	0.635542
0.576782	0.601461	0.754664	0.727422	0.641703	0.541803	0.713366	0.533122	0.518497	0.611873
0.433453	0.514974	0.414097	0.502787	0.619218	0.516019	0.526977	0.440997	0.414715	0.417758
0.610621	0.551124	0.389436	0.469717	0.491393	0.515283	0.498119	0.502362	0.331011	0.303458
0.615403	0.458489	0.451673	0.631878	0.632766	0.662636	0.620352	0.763556	0.567215	0.459612
0.563781	0.504544	0.45103	0.419057	0.576601	0.513083	0.485804	0.525416	0.523376	0.471954
0.485825	0.402651	0.478205	0.421425	0.463224	0.36567	0.48939	0.499474	0.442991	0.504434
0.551157	0.444163	0.631656	0.596722	0.571449	0.532527	0.653731	0.615957	0.58287	0.704609
0.721645	0.637917	0.541411	0.668033	0.652883	0.506551	0.655839	0.816928	0.693313	0.515824

0.512306	0.677715	0.489991	0.473716	0.683815	0.668872	0.547889	0.658424	0.680211	0.539541
0.547852	0.582555	0.553443	0.626134	0.606081	0.506551	0.50255	0.654294	0.569937	0.509712
0.675102	0.64093	0.678935	0.766338	0.801141	0.617585	0.635207	0.731711	0.752835	0.696369
0.54703	0.580797	0.570868	0.616727	0.608863	0.508717	0.458136	0.544146	0.551232	0.628504
0.544572	0.401488	0.466065	0.556841	0.529192	0.462731	0.564689	0.518596	0.368268	0.618644
0.552819	0.524889	0.652603	0.728624	0.658061	0.576771	0.678611	0.641135	0.546895	0.655239
0.555324	0.658408	0.840105	0.8062	0.527646	0.537914	0.486519	0.59484	0.651828	0.512757
0.510791	0.650095	0.609816	0.51513	0.529967	0.5561	0.506277	0.604811	0.63459	0.425812
0.780761	0.694487	0.478205	0.581013	0.536218	0.452434	0.561276	0.611278	0.81859	0.845079
0.707151	0.526435	0.488588	0.594948	0.71712	0.545727	0.552028	0.473636	0.567215	0.805854
0.367828	0.582555	0.674613	0.500644	0.667541	0.66992	0.605048	0.496605	0.469611	0.562053
0.570666	0.467859	0.560825	0.61487	0.568896	0.477975	0.566405	0.458317	0.388766	0.501446
0.797986	0.535826	0.715151	0.80333	0.606081	0.580172	0.65902	0.61221	0.63459	0.523586
0.701252	0.726412	0.624892	0.712086	0.528418	0.645437	0.48154	0.535461	0.704334	0.594931
0.52073	0.67662	0.6714	0.563376	0.537794	0.60026	0.510793	0.589496	0.729877	0.562053
0.786427	0.722747	0.754664	0.842202	0.784099	0.648423	0.607877	0.759609	0.820207	0.792557
0.762841	0.772994	0.667152	0.699519	0.81888	0.625091	0.572466	0.497321	0.501065	0.506688
0.601212	0.520285	0.368219	0.602988	0.645735	0.455626	0.446239	0.514853	0.378689	0.339343
0.636083	0.442245	0.439617	0.704047	0.569746	0.562608	0.624264	0.627397	0.442312	0.437217
0.677314	0.702541	0.595246	0.790646	0.648784	0.656488	0.688749	0.650202	0.595234	0.600505
0.675102	0.594162	0.616347	0.513659	0.510994	0.525697	0.622304	0.489516	0.482813	0.660575
0.524614	0.489354	0.556708	0.524059	0.510252	0.503679	0.597593	0.569598	0.491083	0.605205
0.653576	0.667955	0.582886	0.681866	0.775822	0.852439	0.678611	0.699754	0.95821	0.828961
0.709533	0.774362	0.798135	0.790646	0.690499	0.740408	0.586646	0.624509	0.633535	0.561198
0.614442	0.568683	0.472768	0.593181	0.5792	0.565899	0.468306	0.59127	0.506536	0.430844
0.688549	0.521814	0.411157	0.564199	0.465224	0.56425	0.583952	0.772907	0.56451	0.515055
0.524614	0.552766	0.502829	0.680786	0.669676	0.684867	0.699129	0.566229	0.555613	0.506688
0.45551	0.537411	0.503554	0.616727	0.4788	0.562608	0.678611	0.496605	0.444352	0.529104
0.488689	0.568683	0.556708	0.512926	0.487155	0.549687	0.521515	0.542553	0.647454	0.675873
0.557844	0.627046	0.730772	0.688402	0.821908	0.708297	0.615511	0.585969	0.436249	0.655239
0.524614	0.469893	0.642502	0.698395	0.664358	0.460134	0.518424	0.555456	0.484305	0.445644
0.526961	0.518001	0.475478	0.377433	0.570597	0.570048	0.538918	0.608495	0.593309	0.3904
0.630073	0.534247	0.566655	0.529354	0.751898	0.660577	0.570726	0.632254	0.790477	0.641666
0.785004	0.687701	0.694409	0.713246	0.651855	0.702603	0.635207	0.427987	0.479105	0.466425
0.594745	0.57992	0.660857	0.781031	0.413615	0.475956	0.618409	0.519349	0.468889	0.537919
0.530901	0.528764	0.52587	0.592301	0.522278	0.505112	0.642317	0.48254	0.654032	0.653123
0.584773	0.584321	0.551819	0.663864	0.54017	0.652437	0.767229	0.546544	0.567215	0.529104
0.521504	0.481604	0.492105	0.536257	0.520756	0.541022	0.49519	0.412991	0.447087	0.40327
0.434086	0.436543	0.649548	0.521062	0.6126	0.466656	0.55958	0.561224	0.732515	0.662728
0.646288	0.57992	0.736933	0.705186	0.815872	0.531	0.759113	0.751821	0.860926	0.779655
0.617331	0.624127	0.784077	0.71441	0.59784	0.626039	0.720664	0.695214	0.525014	0.644761
0.416094	0.410879	0.474121	0.675427	0.430557	0.592288	0.715785	0.560395	0.375769	0.605205
0.453518	0.55524	0.631656	0.630915	0.484352	0.729438	0.677499	0.460285	0.468168	0.653123
0.809861	0.655272	0.592567	0.762416	0.678322	0.494473	0.607877	0.644137	0.647454	0.439147
0.685148	0.612647	0.457503	0.450893	0.553886	0.60385	0.608824	0.484621	0.526658	0.639615
0.472474	0.488644	0.513825	0.336025	0.525337	0.622261	0.618409	0.464911	0.569028	0.788214
0.655682	0.788285	0.840105	0.590545	0.582689	0.576771	0.605048	0.556275	0.550361	0.664891

0.719195	0.707212	0.703506	0.676493	0.499272	0.422293	0.530921	0.624509	0.355861	0.437217
0.709533	0.570393	0.514568	0.570847	0.440543	0.428312	0.612633	0.611278	0.432917	0.65418
0.736639	0.476054	0.725905	0.701777	0.584444	0.544153	0.744617	0.723197	0.778543	0.643727
0.785004	0.831384	0.653627	0.540922	0.607006	0.553684	0.573339	0.668925	0.66071	0.603319
0.595663	0.595975	0.59704	0.515867	0.393893	0.531	0.597593	0.608495	0.433581	0.525156
0.464928	0.545425	0.633608	0.481825	0.38714	0.685954	0.624264	0.741649	0.590437	0.678103
0.808358	0.750374	0.76249	0.618592	0.569746	0.826095	0.891222	0.956765	0.570848	0.384674
0.936508	0.67335	0.510866	0.535485	0.628852	0.488213	0.565546	0.619737	0.503401	0.437217
0.575903	0.636917	0.58726	0.707474	0.697288	0.541022	0.707377	0.742908	0.606968	0.638593
0.612527	0.663686	0.745708	0.800479	0.82649	0.802681	0.543788	0.758301	0.669778	0.59034
0.596583	0.651126	0.684398	0.486626	0.603316	0.579319	0.523069	0.500915	0.447087	0.504434
0.49302	0.403234	0.626813	0.682949	0.487155	0.512353	0.523847	0.553822	0.545172	0.609957
0.709533	0.531888	0.808254	0.681866	0.587091	0.763214	0.696801	0.724403	0.665221	0.674763
1.045883	0.789702	0.543791	0.787877	0.878634	0.723462	0.59667	0.544146	0.612956	0.6071
0.720418	0.760872	0.568335	0.672243	0.770391	0.663669	0.545424	0.651222	0.722055	0.549402
0.555324	0.737598	0.509393	0.654627	0.663302	0.540243	0.571595	0.836804	0.915839	0.756284
0.833041	1.096505	0.930781	0.945937	1.050555	1.010659	0.59483	0.547347	0.711841	0.978597
0.580315	0.747788	0.778579	0.664903	0.812886	0.747878	0.717	0.60025	0.583809	0.730308
0.602144	0.524889	0.713972	0.696154	0.628852	0.452434	0.856331	0.870966	0.695738	0.795477
0.811368	0.719112	0.954698	0.888363	0.968741	0.857259	0.717	0.846293	0.801195	0.732837
0.780761	0.766218	0.79387	0.512926	0.684922	0.93876	0.586646	0.648171	0.869912	0.774042
0.595663	0.728873	0.753373	0.588796	0.683815	0.690332	0.505529	0.751821	0.754224	0.477553
0.427797	0.651126	0.763808	0.64459	0.732922	0.750396	0.678611	0.772907	0.59427	0.6071
0.829878	0.752975	0.984374	0.705186	0.619218	0.855646	0.884016	0.707816	0.820207	0.559493
0.628088	0.621229	0.607967	0.639656	0.580069	0.628894	0.813278	0.805133	0.578207	0.419603
0.694277	0.714313	0.565818	0.666987	0.618267	0.624146	0.759113	0.710147	0.711841	0.696369
0.716759	0.685462	0.600652	0.728624	0.708844	0.660577	0.453471	0.532345	0.63459	0.690578
0.551987	0.567831	0.576835	0.422019	0.488563	0.683782	0.543788	0.654294	0.588533	0.698707
0.446292	0.583437	0.581148	0.454081	0.491393	0.60026	0.525409	0.617843	0.630385	0.71422
0.518416	0.694487	0.498508	0.528593	0.71712	0.81277	0.740746	0.647159	0.681386	0.765756
0.441755	0.584321	0.529703	0.55928	0.547378	0.647426	0.598518	0.510403	0.628298	0.529898
0.48298	0.450616	0.432787	0.610261	0.473319	0.473946	0.482957	0.474315	0.478368	0.382405
0.478747	0.504544	0.401879	0.652601	0.499995	0.391419	0.467621	0.632254	0.696956	0.518138
0.608723	0.713121	0.563314	0.558465	0.580069	0.497991	0.375405	0.362403	0.59427	0.505935
0.640136	0.695629	0.723492	0.443337	0.54416	0.538689	0.570726	0.441626	0.456097	0.434019
0.582093	0.749079	0.689931	0.403404	0.505093	0.64643	0.456131	0.539387	0.502621	0.541985
0.523834	0.923261	0.864378	0.725027	0.763695	0.817166	0.771344	0.585092	0.437589	0.802863
0.850862	0.822109	0.87962	1.019326	0.92423	0.921564	0.753785	0.860928	0.754224	0.704609
1.250625	1.065959	0.67569	1.146875	1.44019	1.029458	0.933145	1.966356	1.074949	0.938115
1.353177	1.585525	1.243684	0.389811	0.207897	0.103948	0.051974	0.025987	0.012994	0.006497
1.011041	2.235556	0.103932	0.025983	0	0	0	0	0	0
0.831456	0.207864	0.051966	0	0	0	0	0	0	0
0.415728	0.103932	0.077949	0.025983	0	1.87446	0	0	0	0
0.776989	0.25983	0.747808	1.278511	1.262065	0.631032	0	0	0	1.639288
1.494911	1.297126	1.235785	1.245619	1.365065	1.85797	0.315516	0.673289	1.727986	1.45234
1.358467	2.100435	1.901465	1.347827	1.265869	1.015283	1.031062	1.640737	1.798968	1.265393
1.879222	1.158228	1.701625	1.179623	0.779941	1.166706	1.046841	0.87779	1.083772	1.600206

1.487684	0.67335	1.50309	1.481743	0.863325	1.744675	1.216379	1.19529	1.428005	2.137782
1.150901	1.612987	0.990208	0.983503	1.283098	0.862132	0.993119	1.16428	0.715643	0.743102
1.086602	1.003618	0.87962	0.976798	0.889148	0.701473	0.683088	0.575558	0.830034	0.670348
0.8817	0.955303	0.782696	0.539361	0.82649	0.759329	0.786777	0.704343	0.945059	0.660575
0.946699	0.909954	0.774501	0.794833	0.814377	0.765824	1.102211	1.224845	1.049504	1.04611
1.446683	0.63592	0.692165	0.842202	0.792536	0.525697	0.819393	1.217265	0.66071	0.757625
1.332639	0.457828	0.659817	0.985412	0.730453	0.587054	1.021595	0.833686	0.504966	0.808864
0.969996	1.158228	1.448698	1.442638	0.966616	0.906831	0.880457	0.792237	0.769804	0.818025
0.837829	1.047583	1.071544	0.866319	0.695013	0.708297	0.515356	0.695214	0.778543	0.614762
0.663131	0.743939	0.867719	0.641623	0.662249	0.906831	0.82716	0.563719	0.639904	0.678103
0.737912	0.917508	0.849652	0.60389	0.504361	1.099684	1.046841	1.0001	0.942906	0.7685
1.092332	1.178596	0.936638	0.684034	0.548996	0.583599	0.650588	1.069103	0.857383	0.798416
0.8817	1.042472	0.728332	0.672243	0.82649	0.647426	0.685343	0.838371	0.651828	0.411057
1.185223	1.085147	0.523586	1.031247	1.093794	0.621322	0.779694	0.764879	0.560929	0.598639
1.134706	1.19633	1.093544	1.540047	1.427752	0.8961	1.570101	1.299765	0.997791	1.035799
0.636083	0.813029	0.838534	0.747072	0.92423	0.81277	0.891222	0.781086	0.802748	0.944261
0.783585	0.56698	0.869399	0.793433	0.631784	0.667827	0.833475	0.865918	0.66296	1.092889
0.903547	0.585206	0.781319	0.708622	0.689378	0.791431	0.745915	0.836804	0.769804	0.810378
0.783585	0.811533	0.792457	0.876354	0.755795	0.87709	0.657957	0.729261	0.793512	0.689429
0.753489	0.778492	0.592567	0.669082	0.885615	0.797019	0.491556	0.528482	0.862709	0.518912
0.812881	0.681018	0.395048	0.719097	0.784099	0.675199	0.577729	0.79507	1.055031	0.686
0.51688	0.733837	0.67785	0.684034	0.802592	0.841398	0.710961	0.763556	0.787463	0.895518
0.452195	0.630967	0.712797	0.607519	0.715928	0.744126	0.583057	0.514853	0.411543	0.561198
0.632067	0.67335	0.612603	0.646579	0.708844	0.384293	0.668705	0.61408	0.336826	0.471954
0.871176	0.747788	0.775856	0.580156	0.692751	0.742883	1.054709	0.860928	0.722055	0.534692
0.829878	0.768916	0.693285	0.58187	0.595128	0.723462	0.748522	0.717217	0.556495	0.744402
0.450218	0.613592	0.848046	0.655644	0.603316	0.617585	0.761801	0.593051	0.513673	0.676987
0.577662	0.688824	0.786853	0.537807	0.781322	0.680543	0.646433	0.643134	0.877237	0.965401
0.836227	0.610762	0.622025	0.783756	0.805508	0.81423	0.836668	0.676429	0.676706	0.776839
0.665283	0.484406	0.550202	0.618592	0.66015	0.484773	0.683088	0.930751	0.676706	0.668157
0.75217	0.636917	0.496363	0.551202	0.657021	0.689233	0.624264	0.688491	0.536659	0.478964
0.768276	0.88274	0.775856	0.787877	0.695013	0.723462	0.593913	0.685168	0.608955	0.642695
0.507029	0.707212	0.79387	0.911585	0.576601	0.656488	0.739463	0.705498	0.379275	0.493335
0.459521	0.645998	0.718706	0.621405	0.563835	0.710596	0.869953	0.430435	0.585692	0.725294
0.446944	0.805604	0.88657	0.709774	0.639701	0.852439	0.795432	0.60025	0.61801	0.879229
0.744335	0.529543	0.659817	0.602988	0.599658	0.642472	0.622304	0.751821	0.681386	0.505935
0.595663	0.497244	0.700072	0.546427	0.454009	0.41005	0.536504	0.483926	0.657358	0.743102
0.48298	0.625098	0.686603	0.542487	0.697288	0.619449	0.548713	0.468916	0.715643	0.586702
0.492295	0.802669	0.717518	0.64459	0.587091	0.565899	0.620352	0.641135	0.501842	0.541985
0.666363	0.494358	0.349006	0.573366	0.59603	0.400917	0.453471	0.621639	0.433581	0.387528
0.498863	0.423521	0.598843	0.487317	0.447545	0.390315	0.568128	0.54176	0.366555	0.600505
0.547852	0.482303	0.64051	0.637699	0.587091	0.514548	0.576848	0.735411	0.665221	0.597709
0.820524	0.440336	0.497791	0.503503	0.544962	0.454985	0.380419	0.479094	0.468889	0.692885
0.279552	0.454535	0.641505	0.51513	0.507297	0.5561	0.506277	0.514853	0.419194	0.570696
0.34712	0.429673	0.635569	0.530115	0.607933	0.820122	0.612633	0.677512	0.598138	0.511994
0.563781	0.595975	0.589022	0.462481	0.434275	0.541803	0.333211	0.508195	0.558263	0.432746
0.427173	0.52721	0.449107	0.521062	0.525337	0.492376	0.411782	0.558742	0.473238	0.304875

0.432821	0.570393	0.455551	0.645583	0.5323	0.676263	0.684214	0.833686	0.595234	0.55274
0.580315	0.628023	0.537473	1.211369	1.01596	0.990439	0.59483	0.640139	0.723349	0.59217
0.8609	0.775735	0.744444	0.72983	0.457934	0.526451	0.589357	0.552194	0.569937	0.447612
0.554488	0.398018	0.522827	0.725027	0.726776	0.557718	0.804263	0.960909	0.962684	0.956821
0.879929	0.563593	0.565818	0.953955	0.855047	0.89787	0.824036	0.596636	0.821829	0.833734
1.059036	0.897041	0.843264	0.672243	0.625939	0.70601	0.617441	0.393394	0.510487	0.750963
0.578545	0.585206	0.643502	0.563376	0.584444	0.678398	0.72684	0.508195	0.780017	0.868699
0.257067	0.669028	0.694409	0.664903	1.077071	1.208151	1.23602	1.071782	1.038657	1.033259
0.471092	0.83295	0.944572	0.817872	0.697288	0.823099	0.889409	0.891767	0.552105	0.429581
0.725345	0.506019	0.791049	0.600291	0.504361	0.500115	0.551197	0.474315	0.654032	0.767126
0.467657	0.563593	0.645508	0.612099	0.817373	0.555293	0.632195	0.656354	0.960441	0.92806
0.841051	0.768916	0.719898	0.590545	0.840534	0.63563	0.576848	0.712491	0.447087	0.532289
0.729077	0.639923	0.741926	0.761117	0.746756	0.542585	0.504782	0.661548	0.521743	0.488974
0.806861	0.631953	0.701214	0.660763	0.55062	0.737946	0.866507	0.526947	0.375769	0.710591
0.645256	0.725187	0.708126	0.749592	0.798254	0.860502	1.044249	1.038179	0.752835	0.59217
0.790726	0.490778	0.402453	0.581013	0.630804	0.714067	0.54954	0.650202	0.801195	0.671447
0.664206	0.318737	0.704656	0.700647	0.513227	0.678398	0.598518	0.593051	0.771248	0.99684
0.610621	0.556898	0.934677	0.757241	0.781322	0.964864	0.931149	0.844697	1.072047	0.505935
1.238345	0.710748	0.817118	0.884898	1.053135	0.540243	0.887604	0.706655	0.780017	0.478964
0.965666	0.556069	0.58726	0.617659	0.735404	0.35436	0.624264	0.751821	0.81859	0.490422
0.551157	0.482303	0.627778	1.179623	0.85178	0.614803	0.970737	0.836804	0.780017	0.868699
1.025632	1.105222	0.719898	0.692815	1.088148	0.80554	0.451486	0.463584	0.451223	0.580407
0.446944	0.569537	0.531246	0.490089	0.513227	0.451164	0.234704	0.358225	0.342719	0.474744
0.456176	0.440336	0.526634	0.438371	0.360609	0.357416	0.446891	0.477723	0.351987	0.496267
0.510036	0.362635	0.502106	0.392162	0.505093	0.517494	0.505529	0.475675	0.314527	0.406847
0.383892	0.345968	0.405913	0.295994	0.311026	0.472612	0.287006	0.268399	0.439607	0.325226
0.246658	0.422301	0.30738	0.23549	0.165144	0.301398	0.354851	0.317097	0.28051	0.290902
0.423449	0.457167	0.422438	0.442713	0.33511	0.431937	0.387764	0.436617	0.374606	0.340883
0.536478	0.377212	0.274931	0.349393	0.347673	0.374084	0.269296	0.286522	0.187088	0.236678
0.335356	0.258768	0.250773	0.21435	0.269925	0.29427	0.382666	0.401357	0.28051	0.342428
0.325378	0.332387	0.418844	0.380123	0.399601	0.229909	0.385491	0.400783	0.427638	0.371233
0.288973	0.424133	0.377341	0.294219	0.283784	0.260285	0.361774	0.297681	0.26671	0.289529
0.219545	0.339376	0.315298	0.330212	0.249525	0.263978	0.319848	0.422529	0.277251	0.361417
0.275576	0.34956	0.363467	0.405116	0.433653	0.417028	0.284303	0.399638	0.415352	0.475445
0.393016	0.425972	0.432787	0.336512	0.248306	0.311854	0.238728	0.255081	0.252019	0.364122
0.316107	0.299953	0.311554	0.237429	0.205105	0.180616	0.42586	0.469587	0.272636	0.346056
0.283564	0.342913	0.314829	0.431635	0.472639	0.336466	0.407586	0.371953	0.285683	0.29182
0.327355	0.430914	0.406493	0.292451	0.399027	0.301398	0.378183	0.31521	0.245071	0.307725
0.334347	0.457167	0.363992	0.246063	0.369096	0.415273	0.332207	0.431665	0.397857	0.413482
0.472474	0.441608	0.410571	0.310922	0.459251	0.411205	0.421527	0.403659	0.301579	0.37289
0.395327	0.233595	0.421837	0.3504	0.331166	0.217884	0.231113	0.420125	0.314022	0.291361
0.374403	0.329918	0.368219	0.482508	0.346146	0.285521	0.228736	0.622594	0.463157	0.508954
0.38843	0.373386	0.466065	0.480463	0.356427	0.456267	0.271907	0.421927	0.425022	0.422697
0.328347	0.342913	0.346473	0.311382	0.275502	0.298711	0.252698	0.360831	0.458203	0.415309
0.340432	0.245593	0.376258	0.313692	0.373402	0.305913	0.395237	0.43724	0.561822	0.458937
0.374955	0.444163	0.516058	0.358027	0.335606	0.337441	0.370996	0.368214	0.425022	0.330215
0.287614	0.255437	0.351042	0.41087	0.399027	0.30546	0.333714	0.421325	0.357532	0.346056

0.284461	0.255852	0.197822	0.349897	0.399027	0.391419	0.319848	0.290062	0.294281	0.410453
0.417921	0.387772	0.390553	0.33505	0.363772	0.415857	0.437205	0.32185	0.404646	0.332227
0.365117	0.293566	0.350532	0.374759	0.2981	0.148501	0.412988	0.414172	0.391172	0.371233
0.296752	0.359461	0.351553	0.311843	0.318589	0.35436	0.300778	0.269245	0.431591	0.457589
0.339921	0.3173	0.338963	0.379584	0.294928	0.308645	0.303586	0.274785	0.352538	0.278699
0.352336	0.33041	0.331581	0.322582	0.325316	0.26563	0.261983	0.245354	0.285683	0.320784
0.418532	0.361045	0.371952	0.317413	0.449474	0.429517	0.392924	0.414764	0.491843	0.335262
0.518416	0.402069	0.438992	0.343401	0.42443	0.442997	0.544605	0.505268	0.327352	0.312516
0.53011	0.380519	0.416464	0.462481	0.408893	0.481361	0.567266	0.412991	0.405892	0.44959
0.549502	0.49364	0.590791	0.565025	0.545766	0.576771	0.510793	0.4083	0.56812	0.598639
0.614442	0.524118	0.435258	0.396624	0.465893	0.520459	0.419683	0.457663	0.476896	0.59217
0.389572	0.522581	0.44783	0.428607	0.446263	0.494473	0.472442	0.372489	0.455397	0.646836
0.473167	0.649067	0.55101	0.469054	0.535431	0.330661	0.498119	0.401931	0.484305	0.610914
0.519957	0.605158	0.622025	0.793433	0.601483	0.337929	0.397562	0.517095	0.519307	0.32226
0.558687	0.46248	0.44402	0.514394	0.615424	0.480003	0.460151	0.461601	0.358091	0.384674
0.604014	0.369592	0.379515	0.533175	0.521516	0.503679	0.628212	0.613144	0.552105	0.502191
0.551987	0.339376	0.499225	0.561733	0.622086	0.471281	0.434024	0.565391	0.466731	0.367389
0.42655	0.415053	0.380606	0.310002	0.396167	0.374616	0.394657	0.461601	0.367696	0.359803
0.369462	0.435914	0.370882	0.352421	0.411838	0.462731	0.456798	0.314269	0.383995	0.577737
0.412463	0.503809	0.505734	0.443962	0.533863	0.399789	0.477317	0.387239	0.414715	0.380147
0.374955	0.447377	0.374099	0.338469	0.499995	0.465344	0.232307	0.237411	0.378103	0.431477
0.45885	0.353181	0.341952	0.369461	0.371243	0.328265	0.295217	0.310528	0.34434	0.382405
0.440467	0.243571	0.379515	0.424403	0.389941	0.462731	0.420296	0.42616	0.365417	0.342428
0.40529	0.306436	0.297794	0.380123	0.299923	0.381043	0.418458	0.385022	0.394805	0.463006
0.378285	0.320661	0.397313	0.3504	0.249525	0.433152	0.346998	0.422529	0.239082	0.470565
0.509282	0.371214	0.684398	0.57001	0.534646	0.453708	0.370996	0.399067	0.309501	0.453571
0.582093	0.398018	0.387212	0.50566	0.591537	0.621322	0.557048	0.501638	0.621071	0.642695
0.448905	0.767565	0.637538	0.7534	0.829572	0.730643	0.979552	1.15768	1.151135	1.861273
1.391635	1.262698	0.318769	0.159385	0.079692	0.039846	0.019923	0.009962	0.004981	0
0.024263	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	2.50012	0.846446	0.423223	0	0	0	0	0	0
1.408509	1.424359	2.241141	1.107691	0.91472	0	0	0	0	0
1.44021	2.02106	1.078474	0.843107	0.40365	0.201825	2.485862	2.254917	1.042369	2.050515
1.731081	1.049258	0.771493	0.8073	0.605475	0.504562	1.099099	1.693636	0.915839	1.168898
0.658305	0.493729	1.850232	0.385747	1.656439	1.928057	0.252281	0.58406	0.913184	1.169283
0.329153	0.164576	0	0	0	0	0	0.126141	1.715083	0.910529
0	0	0	0	0	0	0	0.779078	1.865504	1.515577
0	0	0	0	0	0	0.572386	1.584741	0.98577	0.848376
0	0	0	0.402024	1.626365	1.589175	1.260824	1.144772	0.892269	0.55274
1.358467	1.138773	1.028196	1.005441	0.804048	0.654458	0.490111	0.560395	0.461027	0.348143
0.564635	0.728873	0.523586	0.639656	0.513227	0.391972	0.346998	0.314739	0.473967	0.397373
0.439184	0.531888	0.395613	0.309543	0.456622	0.418791	0.368808	0.407135	0.390569	0.502937
0.362961	0.502341	0.373024	0.327335	0.347673	0.410627	0.392348	0.571293	0.580999	0.594009

[illegible]

180	181	182	183	184	185	186	187	188	189
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.201413	0.468986	0.234493	0.117246	0.058623	0.582618	1.744491	1.100225	2.763706	0.787378
0.937972	1.215113	1.294266	1.70178	1.106613	1.525845	2.197145	0.813392	0.68485	0.889905
1.05915	0.886849	0.78537	0.911458	0.795702	0.832825	0.72609	0.822824	0.753907	0.794466
0.832246	0.883208	0.518145	0.649239	0.647844	0.701762	0.522824	0.747174	0.652427	0.526955
0.383317	0.738148	0.83926	1.094024	0.593474	0.75625	0.918232	0.924415	0.731367	0.638327
0.561729	0.689101	0.653935	0.500205	0.494229	0.603112	0.841535	0.567219	0.737875	0.579539
0.383874	0.494309	0.533275	0.358576	0.351792	0.587273	0.574837	0.459209	0.661132	0.655448
0.536471	0.474765	0.568719	0.653493	0.514664	0.570228	0.690385	0.496543	0.445536	0.404646
0.469149	0.481901	0.57581	0.439347	0.557812	0.553828	0.459386	0.462663	0.525371	0.671003
0.357403	0.557135	0.433123	0.403049	0.738896	0.631541	0.335741	0.421666	0.716132	0.488147
0.492115	0.390722	0.471443	0.400058	0.699207	0.624506	0.714692	0.692076	0.589363	0.644669
0.358979	0.229778	0.410554	0.473274	0.524858	0.423769	0.608737	0.668055	0.465385	0.519709
0.461756	0.412245	0.61605	0.630595	0.421553	0.398167	0.402214	0.469653	0.393279	0.383717
0.483623	0.44271	0.488647	0.44131	0.390191	0.530734	0.395569	0.458522	0.413309	0.502488
0.506649	0.474058	0.281954	0.321708	0.492016	0.508806	0.474218	0.533291	0.4442	0.395553
0.602143	0.618617	0.33045	0.359661	0.446656	0.634591	0.509373	0.368296	0.434308	0.516526
0.647729	0.706851	0.644411	0.507017	0.545159	0.529931	0.619646	0.598301	0.824699	0.669873
0.649779	0.271148	0.430557	0.443281	0.409829	0.383043	0.477102	0.500308	0.605498	0.536808
0.655988	0.399561	0.419816	0.46906	0.492752	0.39876	0.413312	0.455783	0.362372	0.381969
0.386108	0.305705	0.658236	0.476107	0.310176	0.463865	0.507818	0.48471	0.362372	0.586932
0.514855	0.406764	0.382752	0.451258	0.603817	0.505004	0.413937	0.6002	0.478178	0.488147
0.506649	0.429756	0.389683	0.406666	0.389029	0.550452	0.510153	0.505634	0.342398	0.431821
0.343479	0.532195	0.56784	0.546935	0.339711	0.525941	0.400998	0.516486	0.585652	0.602108
0.685082	0.730428	0.54394	0.486895	0.399007	0.385911	0.383159	0.392979	0.426554	0.294335
0.748573	0.536253	0.307207	0.497212	0.468396	0.322322	0.380835	0.32834	0.466788	0.298633
0.511853	0.472647	0.373679	0.550293	0.524858	0.425026	0.468508	0.540697	0.695425	0.412684
0.654947	0.803893	0.539807	0.570121	0.44008	0.53558	0.601935	0.572545	0.592167	0.584145

0.511853	0.546151	0.553173	0.561389	0.422179	0.407743	0.533399	0.505634	0.430414	0.340414
0.647729	0.390139	0.448848	0.543603	0.516217	0.416299	0.669615	0.650606	0.403482	0.35492
0.650807	0.586331	0.83926	0.763597	0.842547	0.65549	0.756655	0.76908	0.84436	0.676696
0.417446	0.587247	0.533275	0.456658	0.462171	0.514959	0.356057	0.35187	0.674526	0.738153
0.572774	0.575486	0.453543	0.481827	0.561249	0.404127	0.358252	0.453061	0.624271	0.343064
0.634634	0.63061	0.54311	0.601197	0.555252	0.590948	0.480005	0.548232	0.483256	0.47715
0.407922	0.328851	0.331467	0.486167	0.468396	0.457033	0.507042	0.543194	0.458438	0.306381
0.382761	0.37133	0.297211	0.506255	0.491281	0.445659	0.218368	0.323783	0.433657	0.350031
0.471188	0.625573	0.458973	0.495723	0.635387	0.606924	0.483661	0.478193	0.315793	0.580456
0.32122	0.538707	0.50126	0.351587	0.491281	0.538841	0.550187	0.517272	0.402875	0.475705
0.213329	0.296687	0.486459	0.417703	0.401389	0.437807	0.367707	0.385948	0.415801	0.545194
0.512602	0.452013	0.519713	0.377971	0.387291	0.384188	0.45524	0.541528	0.522965	0.53515
0.360559	0.474765	0.534899	0.382528	0.260824	0.455004	0.508595	0.48911	0.486185	0.531033
0.590335	0.402548	0.302895	0.431584	0.328462	0.354824	0.3321	0.428022	0.487657	0.488147
0.616178	0.528975	0.443542	0.620573	0.377575	0.571991	0.448416	0.657068	0.514257	0.415816
0.50813	0.521029	0.483558	0.655635	0.39311	0.608843	0.607758	0.620663	0.63656	0.57771
0.369089	0.370216	0.499757	0.427119	0.339711	0.432649	0.551044	0.417272	0.440216	0.46784
0.453178	0.456062	0.560014	0.282691	0.41596	0.582722	0.493313	0.385367	0.525371	0.480056
0.370167	0.498027	0.548952	0.507017	0.601918	0.490854	0.622669	0.602108	0.667777	0.62796
0.648752	0.596516	0.476391	0.52972	0.377575	0.241378	0.425985	0.481802	0.468901	0.531033
0.502238	0.507846	0.396726	0.500205	0.51544	0.456355	0.356057	0.579749	0.531036	0.413934
0.506649	0.489157	0.461026	0.47753	0.496452	0.581818	0.551902	0.552475	0.489874	0.511013
0.551777	0.563166	0.547275	0.431584	0.408614	0.37906	0.62878	0.415402	0.36182	0.332041
0.537263	0.564905	0.478529	0.390621	0.407401	0.457711	0.407111	0.435123	0.477457	0.417075
0.416244	0.477605	0.545604	0.561389	0.33201	0.478572	0.3908	0.571653	0.596882	0.358211
0.33196	0.441397	0.319415	0.416463	0.403184	0.430093	0.386669	0.400125	0.547642	0.485187
0.364271	0.347983	0.21164	0.376274	0.400793	0.345811	0.381415	0.328849	0.501895	0.410195
0.525529	0.51633	0.386203	0.461439	0.394871	0.338011	0.410821	0.420406	0.425914	0.315764
0.334438	0.391306	0.325902	0.387713	0.406192	0.35056	0.421507	0.367738	0.387972	0.390187
0.31121	0.386658	0.389683	0.359661	0.3361	0.443683	0.427273	0.355105	0.355249	0.49715
0.419859	0.388976	0.321898	0.337422	0.400197	0.364028	0.298233	0.43839	0.523765	0.336731
0.387791	0.450672	0.349664	0.26925	0.312603	0.336468	0.353329	0.371095	0.399853	0.425991
0.373962	0.446672	0.394366	0.375147	0.409221	0.28931	0.24849	0.360005	0.360168	0.255278
0.545266	0.348512	0.399695	0.404252	0.386137	0.332379	0.363789	0.385367	0.393872	0.243707
0.253494	0.408583	0.414852	0.365129	0.339711	0.354824	0.387256	0.306988	0.35907	0.350031
0.296843	0.239139	0.400292	0.320713	0.190031	0.312006	0.386669	0.306988	0.256508	0.323318
0.385548	0.287392	0.321401	0.25965	0.237693	0.305263	0.342054	0.376179	0.318282	0.313772
0.279857	0.268498	0.322896	0.267928	0.369179	0.372315	0.358803	0.331917	0.340818	0.219846
0.32122	0.299987	0.232618	0.246056	0.300604	0.204611	0.244238	0.268525	0.305495	0.222254
0.368551	0.254209	0.290673	0.354262	0.269109	0.24761	0.348461	0.374478	0.325834	0.354374
0.241692	0.25806	0.288822	0.307505	0.290774	0.342154	0.344712	0.304572	0.37927	0.40772
0.316425	0.29016	0.286521	0.312838	0.245128	0.338527	0.276734	0.288026	0.259113	0.297196
0.279857	0.307627	0.319911	0.283602	0.328462	0.355897	0.278104	0.415402	0.395062	0.295763
0.263932	0.29248	0.319415	0.257927	0.317497	0.324814	0.236688	0.278392	0.28054	0.25268
0.35375	0.351166	0.33045	0.409095	0.273535	0.313465	0.312354	0.30409	0.254349	0.216258
0.329987	0.409191	0.386781	0.279066	0.354463	0.369535	0.292994	0.347061	0.291663	0.276187
0.372331	0.354373	0.37593	0.265734	0.282069	0.327321	0.278104	0.343357	0.350385	0.360972

0.462423	0.42721	0.381036	0.421445	0.345447	0.377928	0.336787	0.417272	0.376408	0.385472
0.46376	0.350102	0.365342	0.296562	0.321949	0.41017	0.335219	0.364407	0.417052	0.363751
0.440303	0.353837	0.335046	0.268809	0.341788	0.331363	0.405882	0.385367	0.388559	0.324335
0.514103	0.394236	0.450854	0.337422	0.413497	0.401733	0.403433	0.446999	0.286066	0.386646
0.40616	0.500274	0.411166	0.23695	0.38212	0.407138	0.420236	0.397133	0.421461	0.424706
0.371789	0.373567	0.414235	0.336906	0.252269	0.31444	0.404656	0.265872	0.315793	0.530214
0.398027	0.376944	0.250416	0.301286	0.263423	0.371201	0.325418	0.319772	0.231687	0.328428
0.459761	0.543655	0.381036	0.410925	0.591619	0.495273	0.351159	0.481802	0.410831	0.459419
0.404989	0.443368	0.403285	0.37234	0.474711	0.425026	0.404044	0.416024	0.389146	0.42151
0.490688	0.419663	0.329942	0.403049	0.424062	0.439757	0.405269	0.377317	0.367932	0.372765
0.591232	0.46152	0.377059	0.544434	0.502438	0.421889	0.506268	0.490586	0.366814	0.475705
0.385548	0.441397	0.52844	0.368997	0.541022	0.548774	0.419602	0.510252	0.512692	0.431821
0.427798	0.531388	0.553173	0.440654	0.424062	0.517289	0.392582	0.38653	0.500374	0.422786
0.676257	0.474058	0.38736	0.473274	0.505463	0.450306	0.414563	0.472481	0.44154	0.347875
0.470507	0.500274	0.478529	0.281328	0.538559	0.485754	0.540873	0.524408	0.554466	0.498668
0.396878	0.371888	0.429279	0.458701	0.496452	0.397576	0.500887	0.473191	0.487657	0.44844
0.531748	0.404349	0.487187	0.446587	0.469093	0.329843	0.495572	0.501823	0.370176	0.512581
0.575364	0.588165	0.642322	0.704464	0.661754	0.441061	0.435738	0.56283	0.555327	0.565118
0.526301	0.622578	0.592204	0.518612	0.532865	0.467322	0.362121	0.471065	0.629349	0.452525
0.527075	0.562299	0.42737	0.572775	0.51389	0.312978	0.514862	0.565458	0.50726	0.433782
0.67083	0.569282	0.473557	0.742104	0.660668	0.374552	0.56765	0.779022	0.714886	0.57047
0.517878	0.60028	0.470039	0.479673	0.508508	0.369535	0.441031	0.505634	0.525371	0.643605
0.534891	0.50861	0.490846	0.565733	0.378141	0.364576	0.568542	0.49281	0.498858	0.706338
0.519398	0.380348	0.50504	0.433512	0.365316	0.559798	0.588642	0.573439	0.495092	0.713764
0.55014	0.534625	0.480677	0.482547	0.480403	0.592798	0.655209	0.572545	0.461897	0.525334
0.494265	0.572816	0.442884	0.437393	0.512346	0.690013	0.6563	0.713778	0.741828	0.617834
0.600305	0.603124	0.394955	0.599306	0.615388	0.459753	0.580307	0.639004	0.450922	0.486665
0.5702	0.557135	0.415469	0.595549	0.646792	0.483587	0.480734	0.605949	0.535951	0.747496
0.543654	0.515552	0.458973	0.431584	0.608601	0.430093	0.398577	0.650606	0.38273	0.549448
0.645688	0.373567	0.670287	0.503219	0.39311	0.570228	0.518825	0.62568	0.540923	0.648948
0.743444	0.613716	0.807652	0.479673	0.546825	0.784127	0.642322	0.770486	0.749843	0.935264
0.603065	0.557991	0.614093	0.748707	0.983496	0.797281	0.782172	1.051851	0.695425	0.628985
0.637621	0.607906	0.483558	0.535383	0.745439	0.634591	0.662906	0.810293	0.71117	0.647874
0.520922	0.289697	0.453543	0.759485	0.706378	0.540481	0.445043	0.660335	0.499615	0.713764
0.421071	0.502531	0.527639	0.691441	0.648898	0.458391	0.409581	0.701587	0.4516	0.592561
0.514103	0.491358	0.456929	0.639817	0.645743	0.547103	0.593343	0.612753	0.609384	0.685963
0.488557	0.489157	0.618015	0.552828	0.477548	0.644915	0.625714	0.471065	0.807427	0.897461
0.637621	0.590931	0.665866	0.708084	0.577958	0.584537	0.804645	0.662527	0.533487	0.701458
0.508872	0.57193	0.476391	0.63775	0.665029	0.562382	0.666248	0.675915	0.50726	0.597309
0.513352	0.547823	0.587587	0.625555	0.547661	0.536393	0.618643	0.541528	0.393872	0.606962
0.57884	0.490623	0.607314	0.619583	0.644696	0.628512	0.612672	0.487638	0.435614	0.617834
0.659126	0.558849	0.445524	0.462815	0.558669	0.455679	0.582145	0.628719	0.50726	0.462908
0.511853	0.438132	0.548952	0.585381	0.356612	0.341115	0.527673	0.526812	0.523765	0.542661
0.437143	0.486968	0.605396	0.649239	0.222798	0.450974	0.621659	0.473902	0.557919	0.613849
0.405574	0.428481	0.429917	0.579934	0.536109	0.463177	0.468508	0.511026	0.427195	0.425348
0.600305	0.496536	0.433767	0.394135	0.510039	0.545438	0.313842	0.40193	0.626295	0.462208
0.571915	0.480465	0.390849	0.403049	0.625273	0.53558	0.332618	0.465446	0.457749	0.643605

0.521687	0.441397	0.414852	0.511618	0.490547	0.373432	0.548479	0.509479	0.476738	0.53515
0.474606	0.479748	0.452196	0.593682	0.504705	0.404127	0.524434	0.486172	0.502657	0.413309
0.48573	0.454708	0.508853	0.524925	0.414112	0.444341	0.596188	0.424833	0.564908	0.516526
0.507389	0.404349	0.596869	0.56486	0.411049	0.609806	0.465681	0.387112	0.607437	0.596355
0.621922	0.542827	0.795626	0.751376	0.636412	0.453657	0.519622	0.522812	0.485451	0.544348
0.58944	0.59558	0.562607	0.551136	0.668328	0.481431	0.414563	0.514138	0.564028	0.4786
0.537263	0.582686	0.442226	0.4446	0.476127	0.446982	0.485132	0.546546	0.459818	0.584145
0.689563	0.596516	0.54311	0.542774	0.579755	0.501987	0.477102	0.45715	0.427195	0.355467
0.634634	0.51633	0.378192	0.387713	0.439427	0.405329	0.341525	0.435775	0.4516	0.525334
0.427798	0.256772	0.378759	0.48039	0.510039	0.501987	0.386082	0.495046	0.525371	0.566006
0.478052	0.382632	0.392018	0.423328	0.420928	0.53558	0.39677	0.40193	0.551041	0.504026
0.573636	0.589085	0.606354	0.563121	0.523274	0.570228	0.535048	0.43839	0.489134	0.406488
0.406746	0.521817	0.46378	0.466274	0.535296	0.473614	0.448416	0.53004	0.535128	0.367109
0.527851	0.533004	0.428005	0.405457	0.461484	0.422515	0.583991	0.472481	0.480347	0.522914
0.666538	0.473352	0.453543	0.536198	0.579755	0.516511	0.704805	0.578842	0.464685	0.604043
0.706791	0.534625	0.417948	0.476818	0.561249	0.482148	0.540873	0.666944	0.430414	0.472112
0.502238	0.42468	0.474971	0.541947	0.541022	0.41017	0.474218	0.567219	0.472446	0.507118
0.451873	0.252509	0.413005	0.503976	0.454681	0.420641	0.480734	0.519638	0.542593	0.562467
0.611449	0.503287	0.50126	0.516268	0.536109	0.66414	0.509373	0.591717	0.513474	0.485187
0.440937	0.557991	0.523658	0.388874	0.564714	0.66414	0.329517	0.457836	0.473158	0.519709
0.355312	0.555427	0.433123	0.410925	0.506983	0.481431	0.390207	0.430591	0.465385	0.551162
0.475293	0.486968	0.424206	0.624554	0.612467	0.463865	0.619646	0.518848	0.526982	0.58322
0.465101	0.509376	0.473557	0.481827	0.595336	0.481431	0.476379	0.555041	0.410831	0.475705
0.525529	0.528975	0.489379	0.456658	0.442042	0.511872	0.551902	0.559351	0.476019	0.597309
0.469828	0.394825	0.435704	0.494239	0.330993	0.482867	0.477102	0.533291	0.365699	0.425991
0.487141	0.486968	0.38852	0.425852	0.577063	0.470806	0.436396	0.497293	0.430414	0.394953
0.524758	0.477605	0.396135	0.290961	0.444673	0.471506	0.499362	0.493554	0.584729	0.435095
0.560891	0.469139	0.406299	0.420194	0.466311	0.498244	0.545929	0.612753	0.471734	0.469259
0.632654	0.492094	0.438953	0.567483	0.505463	0.445659	0.633938	0.659243	0.537602	0.54182
0.461756	0.497281	0.394955	0.447916	0.505463	0.413224	0.463572	0.532476	0.427195	0.441716
0.517878	0.462207	0.410554	0.471162	0.44008	0.39876	0.446389	0.482527	0.436269	0.440384
0.497871	0.345348	0.494537	0.478243	0.396049	0.443026	0.397974	0.444332	0.484718	0.521308
0.543654	0.537887	0.703763	0.597423	0.67951	0.513412	0.427273	0.587999	0.620251	0.394355
0.468472	0.519457	0.493796	0.394724	0.51389	0.465936	0.397974	0.612753	0.626295	0.33778
0.407922	0.444027	0.389101	0.421445	0.417197	0.342675	0.478551	0.675915	0.503421	0.535979
0.495704	0.639828	0.417327	0.44131	0.58428	0.540481	0.575744	0.596409	0.560527	0.535979
0.442847	0.580874	0.594997	0.528917	0.555252	0.496014	0.564101	0.525208	0.486185	0.445738
0.456457	0.478319	0.57225	0.694954	0.559527	0.511103	0.545082	0.563705	0.449569	0.590677
0.664407	0.467744	0.50962	0.620573	0.586103	0.57643	0.503954	0.572545	0.515042	0.618836
0.653908	0.426576	0.422319	0.497212	0.605724	0.590948	0.437055	0.425469	0.461203	0.371628
0.516364	0.527374	0.454218	0.425852	0.496452	0.583629	0.342054	0.440361	0.551895	0.489635
0.609572	0.551186	0.446187	0.520181	0.532057	0.478572	0.42342	0.607882	0.572012	0.398563
0.679545	0.604076	0.466551	0.459384	0.702778	0.609806	0.543393	0.557622	0.559656	0.451159
0.408511	0.575486	0.444863	0.407272	0.477548	0.538024	0.479277	0.505634	0.480347	0.429221
0.567641	0.547823	0.460341	0.435448	0.424062	0.423769	0.549332	0.520429	0.44154	0.559832
0.530966	0.541174	0.582112	0.551982	0.538559	0.578219	0.611685	0.540697	0.492848	0.597309
0.437773	0.553725	0.650737	0.563121	0.641571	0.612706	0.485869	0.452384	0.442203	0.514944

0.402656	0.55628	0.678134	0.499455	0.474711	0.538024	0.415189	0.623666	0.682534	0.552882
0.555896	0.466353	0.435704	0.489818	0.510039	0.495273	0.454552	0.787729	0.654587	0.551162
0.584108	0.619604	0.587587	0.545266	0.608601	0.605968	0.477102	0.62568	0.579233	0.529397
0.564253	0.519457	0.478529	0.476818	0.415343	0.354289	0.246359	0.480355	0.313319	0.4786
0.562569	0.510143	0.348604	0.542774	0.545991	0.446982	0.413937	0.604024	0.371302	0.589738
0.683969	0.667611	0.588507	0.594615	0.531252	0.42692	0.518825	0.538215	0.543431	0.592561
0.509615	0.591857	0.644411	0.481827	0.506983	0.499737	0.351159	0.46197	0.496595	0.536808
0.524758	0.592785	0.635091	0.572775	0.383264	0.555525	0.480005	0.498045	0.560527	0.603075
0.582345	0.586331	0.539807	0.563121	0.612467	0.548774	0.410201	0.601153	0.699008	0.574075
0.645688	0.700853	0.58393	0.503219	0.602866	0.645961	0.465681	0.509479	0.596882	0.510231
0.644671	0.655639	0.683828	0.579934	0.531252	0.713837	0.595237	0.669169	0.578324	0.562467
0.716267	0.614692	0.476391	0.694954	0.545991	0.712614	0.821898	0.734024	0.619252	0.781144
0.98203	0.89052	0.559153	0.48039	0.754767	0.791386	0.620651	0.646351	0.630372	0.620847
0.6297	0.800883	0.702564	0.584468	0.816936	0.823269	0.570332	0.520429	0.494343	0.706338
0.554244	0.853433	0.751937	0.585381	0.854244	0.733884	0.482927	0.619666	0.515827	0.556343
0.683969	0.776106	0.632029	0.502464	0.667226	0.65549	0.708486	0.926428	0.726229	0.707567
0.655988	0.727885	0.741342	0.57634	0.531252	0.482867	0.52122	0.705209	0.779121	0.652186
0.655988	0.66541	0.593133	0.712959	0.655279	0.480714	0.402823	0.821237	0.526175	0.49943
0.73212	0.592785	0.649676	1.041355	0.798673	0.959011	0.876375	0.731441	0.602607	0.47715
0.738374	0.675405	0.83114	0.703263	0.593474	0.925855	0.795516	0.575233	0.554466	0.763994
0.657031	0.633661	0.766942	0.557944	0.483999	0.656562	0.83489	0.491326	0.570225	0.840404
0.611449	0.777525	0.809179	0.493499	0.511575	0.568473	0.689205	0.614717	0.888422	0.798999
0.840137	0.716622	0.934159	0.733025	0.533674	0.676322	0.81084	0.784807	0.846039	0.842078
0.649779	0.50861	0.783924	0.752717	0.625273	0.59652	0.731253	0.740549	0.604533	0.601144
0.73212	0.65243	0.538165	0.654563	0.826364	0.536393	0.595237	0.796614	0.721151	0.621856
0.846555	0.738148	0.703763	0.636721	0.786911	0.668531	0.815545	0.731441	0.808969	0.750202
0.753764	0.803893	0.729723	0.603096	0.469093	0.700573	0.763594	0.473902	0.50958	0.691857
0.496425	0.605031	0.718406	0.73949	0.641571	0.723745	0.699945	0.467544	0.578324	0.819208
0.605842	0.860257	0.736139	0.721624	0.90068	0.921883	0.969025	0.805685	1.075675	1.03797
1.048727	0.840098	0.788275	0.648182	0.667226	0.628512	0.971276	0.789197	0.767734	0.947919
0.666538	0.929054	0.776767	0.767748	1.004525	0.781258	0.769226	0.66473	0.531036	0.676696
0.585878	0.833581	0.801598	0.899997	1.052576	0.712614	0.689205	0.822824	0.679084	0.81762
0.761668	0.892368	0.792671	0.822503	0.508508	0.70415	0.70972	0.424198	0.852822	0.85226
0.601223	0.736852	0.924078	1.227535	0.708794	0.873304	0.910316	0.728873	0.954406	0.93319
0.560054	0.816147	1.09826	0.771939	0.862797	0.954726	0.789535	0.751198	0.749843	0.802048
0.990954	0.984875	0.932124	0.771939	0.562978	0.684256	0.836542	0.518059	0.622257	0.775352
0.748573	0.587247	0.627979	0.652425	0.660668	0.72752	0.809283	0.837367	0.859712	0.758425
0.619999	0.585417	0.421066	0.628572	0.927905	0.967711	0.612672	1.013228	1.327829	0.660939
0.874942	0.991803	0.974753	1.062758	1.141274	1.178455	0.836542	0.805685	0.95657	0.901289
0.58944	0.729155	0.823169	1.043973	0.786911	0.746901	0.77207	0.711312	0.593106	0.795972
0.51036	0.673164	0.936203	1.049258	0.731173	0.895052	0.722257	0.651676	0.551895	0.866219
0.662287	0.897958	0.986097	1.041355	0.760189	0.749551	1.117458	0.934573	0.911273	1.019917
0.841733	0.727885	0.764175	1.018473	0.659585	0.561519	0.86035	0.996316	0.650277	0.802048
0.696373	0.885024	0.743967	0.710515	0.985783	0.845903	0.747123	0.743187	0.816763	0.779689
0.755071	0.980317	1.032131	0.716651	0.606681	0.601218	0.633938	0.751198	0.983426	0.811324
0.616178	0.598394	0.970296	0.716651	0.496452	0.634591	0.708486	0.694434	0.726229	0.960954
0.709141	0.633661	0.928082	0.820928	0.612467	0.792852	0.636019	0.541528	0.543431	0.886176

0.631667	0.647135	0.691926	0.816239	0.541847	0.809317	0.889261	0.723783	0.719891	0.787014
0.665471	0.530582	0.681541	0.96495	0.721084	0.672966	0.729957	0.832465	0.937465	0.859184
0.633642	0.558849	0.610206	0.777591	0.784019	0.740344	0.62878	0.697996	0.602607	0.843759
0.590335	0.759431	0.597808	0.46906	0.776874	0.776989	0.469929	0.391799	0.753907	0.723867
0.665471	0.86198	0.740035	0.56486	0.714896	0.565852	0.770646	0.61669	0.714886	0.827238
0.455142	0.496536	0.530851	0.494239	0.531252	0.452985	0.839864	0.73273	0.56315	0.608918
0.426568	0.358144	0.496766	0.681068	0.468396	0.505762	0.769226	0.670286	0.576511	0.721319
0.530966	0.452685	0.847535	0.567483	0.437477	0.684256	0.81084	0.551623	0.54511	0.662046
0.686198	0.445348	0.621973	0.629582	0.583371	0.57643	0.665131	0.614717	0.471024	0.721319
0.584108	0.401949	0.574918	0.550293	0.49349	0.61077	0.697535	0.514919	0.613304	0.618836
0.537263	0.653497	0.517363	0.452602	0.529644	0.657637	0.568542	0.468246	0.339244	0.492625
0.500777	0.682199	0.526042	0.579032	0.662843	0.700573	0.820301	0.688562	0.577417	0.778238
0.588547	0.537887	0.665866	0.797974	0.454681	0.567597	0.631868	0.597354	0.485451	0.640431
0.546885	0.563166	0.781047	0.684498	0.451319	0.672966	0.533399	0.635893	0.450245	0.73421
0.593934	0.564905	0.704964	0.640853	0.439427	0.617584	0.682189	0.763499	0.584729	0.682465
0.680647	0.526576	0.535713	0.522547	0.353393	0.380763	0.362676	0.585232	0.569334	0.401594
0.445407	0.511682	0.554022	0.589051	0.445333	0.458391	0.380256	0.390035	0.550189	0.562467
0.446692	0.487696	0.399695	0.483269	0.677251	0.395218	0.514073	0.488373	0.419566	0.736835
0.500777	0.490623	0.516582	0.609809	0.645743	0.493058	0.661798	0.533291	0.418307	0.68949
0.600305	0.464275	0.560014	0.590898	0.559527	0.528331	0.534223	0.626691	0.41145	0.641486
0.456457	0.443368	0.566963	0.571004	0.499435	0.661961	0.494065	0.481802	0.504186	0.546041
0.696373	0.692593	0.712245	0.694954	0.562113	0.455679	0.591456	0.517272	0.488395	0.518115
0.631667	0.518673	0.503524	0.52572	0.449982	0.497499	0.542552	0.423563	0.459818	0.641486
0.39061	0.491358	0.511928	0.4446	0.480403	0.556376	0.421507	0.431881	0.474586	0.593507
0.449275	0.579971	0.50504	0.446587	0.491281	0.512641	0.551902	0.541528	0.54427	0.560709
0.424728	0.51711	0.398505	0.445924	0.411049	0.443683	0.547627	0.592651	0.465385	0.485187
0.50297	0.460834	0.376494	0.497212	0.518557	0.414451	0.467799	0.534108	0.461897	0.566006
0.360559	0.441397	0.476391	0.445262	0.429123	0.586359	0.569436	0.508707	0.38042	0.568679
0.444766	0.498775	0.558293	0.632627	0.489084	0.507281	0.607758	0.567219	0.426554	0.432474
0.547696	0.514	0.494537	0.409095	0.328967	0.482148	0.42406	0.38653	0.4442	0.574075
0.42534	0.460834	0.416088	0.307024	0.480403	0.501987	0.42406	0.407391	0.466788	0.381388
0.357403	0.501777	0.608276	0.517829	0.500184	0.402929	0.480734	0.445664	0.388559	0.453895
0.581466	0.510143	0.510388	0.536198	0.470491	0.378494	0.451132	0.551623	0.38273	0.407104
0.521687	0.422165	0.483558	0.553677	0.490547	0.39876	0.34418	0.402533	0.32179	0.562467
0.432757	0.365787	0.473557	0.460753	0.354463	0.511872	0.518029	0.504869	0.448894	0.57047
0.513352	0.434891	0.411166	0.500957	0.424062	0.373991	0.42406	0.492068	0.374131	0.402203
0.505911	0.336506	0.370325	0.533758	0.419058	0.447645	0.445043	0.344412	0.275988	0.458031
0.385548	0.438783	0.398505	0.36403	0.352858	0.511872	0.359354	0.373347	0.385635	0.465719
0.460425	0.520243	0.473557	0.471865	0.529644	0.446982	0.455928	0.396537	0.358522	0.46784
0.429033	0.501025	0.415469	0.34105	0.523274	0.41017	0.351701	0.472481	0.4516	0.361526
0.394018	0.383205	0.412391	0.352655	0.426585	0.448309	0.460777	0.441021	0.345575	0.431821
0.383317	0.376379	0.428005	0.400654	0.477548	0.387641	0.415189	0.49281	0.405308	0.437731
0.475293	0.265865	0.375366	0.411537	0.336614	0.369535	0.387845	0.45715	0.407141	0.383134
0.440303	0.447336	0.406904	0.362933	0.33201	0.425026	0.321356	0.324792	0.356882	0.437731
0.434631	0.455385	0.376494	0.520181	0.402585	0.351622	0.331065	0.285713	0.433657	0.43117
0.436513	0.434246	0.331467	0.385401	0.441387	0.399353	0.318837	0.316788	0.459818	0.301522
0.402656	0.378643	0.380466	0.344185	0.461484	0.332379	0.347387	0.353484	0.267025	0.402812

0.437773	0.418418	0.44157	0.387134	0.389029	0.318856	0.453866	0.448339	0.35308	0.417706
0.398027	0.514775	0.331467	0.484716	0.447983	0.287012	0.316332	0.465446	0.367932	0.295763
0.362146	0.302361	0.390849	0.531331	0.443355	0.366773	0.392582	0.394754	0.38331	0.404034
0.472552	0.394236	0.46309	0.376274	0.314065	0.450306	0.43377	0.449683	0.399252	0.428573
0.453832	0.388395	0.325902	0.369552	0.285256	0.405329	0.445716	0.445664	0.40409	0.339886
0.493547	0.501777	0.349664	0.360205	0.527244	0.487205	0.37565	0.392979	0.511912	0.351654
0.37944	0.378643	0.318426	0.415226	0.449982	0.327824	0.428564	0.305536	0.352	0.333599
0.376692	0.356524	0.305285	0.423958	0.398414	0.190807	0.412688	0.419777	0.429768	0.376768
0.410876	0.351166	0.224582	0.420819	0.368625	0.20651	0.330548	0.41915	0.35907	0.372765
0.401494	0.378076	0.370325	0.447916	0.41166	0.364028	0.331065	0.215566	0.286066	0.410195
0.501507	0.481901	0.472146	0.50778	0.414727	0.504248	0.464274	0.432528	0.418936	0.396153
0.37779	0.501777	0.397912	0.337938	0.318976	0.435865	0.333656	0.41478	0.430414	0.342002
0.439036	0.496536	0.352862	0.348929	0.413497	0.418774	0.322368	0.402533	0.439556	0.362637
0.494984	0.523398	0.332486	0.380244	0.506983	0.450306	0.418337	0.479633	0.426554	0.354374
0.312626	0.462896	0.36096	0.365129	0.551862	0.357511	0.340467	0.383052	0.448894	0.294811
0.450572	0.359228	0.342294	0.297974	0.514664	0.403528	0.353329	0.381899	0.378696	0.369928
0.42534	0.387816	0.448848	0.445262	0.445333	0.46249	0.390207	0.467544	0.45364	0.567786
0.421679	0.381488	0.433123	0.472569	0.567331	0.47291	0.412688	0.387112	0.467491	0.510231
0.386668	0.402548	0.329942	0.382528	0.395459	0.515734	0.492563	0.36165	0.435614	0.397356
0.386668	0.37469	0.247049	0.434802	0.388449	0.481431	0.39497	0.423563	0.464685	0.358211
0.53568	0.558849	0.392018	0.388293	0.464236	0.538024	0.400998	0.407391	0.566673	0.483715
0.511853	0.491358	0.435704	0.50171	0.536924	0.464554	0.488832	0.479633	0.508805	0.435752
0.579714	0.423421	0.406299	0.424588	0.35769	0.383615	0.591456	0.520429	0.436924	0.432474
0.402075	0.386081	0.409944	0.393548	0.485446	0.472208	0.572128	0.522812	0.554466	0.442384
0.363207	0.467048	0.409944	0.418947	0.48112	0.502739	0.438377	0.384787	0.393279	0.480056
0.443486	0.537887	0.54311	0.453275	0.376446	0.402929	0.334176	0.466144	0.511912	0.567786
0.433381	0.499524	0.499007	0.475397	0.455357	0.520415	0.452497	0.580658	0.492103	0.480056
0.429033	0.499524	0.495279	0.346287	0.490547	0.510336	0.500887	0.327323	0.45364	0.511797
0.534891	0.404349	0.400292	0.402449	0.492752	0.406534	0.435081	0.369413	0.386802	0.384886
0.530185	0.416557	0.408118	0.527316	0.482557	0.332888	0.516442	0.559351	0.367932	0.442384
0.479438	0.50861	0.510388	0.652425	0.671653	0.448309	0.445043	0.441681	0.525371	0.548594
0.47392	0.431674	0.532466	0.44131	0.452661	0.463177	0.438377	0.377317	0.485451	0.485187
0.486435	0.453359	0.464471	0.47753	0.508508	0.584537	0.438377	0.510252	0.465385	0.459419
0.606771	0.491358	0.417948	0.430304	0.464236	0.487205	0.456617	0.464748	0.39805	0.514944
0.536471	0.453359	0.446851	0.37571	0.438776	0.510336	0.390207	0.387695	0.414553	0.389595
0.537263	0.523398	0.482836	0.509311	0.502438	0.481431	0.422782	0.471773	0.45364	0.335684
0.522452	0.513226	0.485732	0.585381	0.535296	0.563247	0.56058	0.581569	0.581058	0.472112
0.515609	0.504801	0.495279	0.493499	0.528843	0.47644	0.547627	0.493554	0.500374	0.542661
0.614281	0.655639	0.54311	0.489085	0.443355	0.522775	0.605808	0.518059	0.486921	0.469971
0.500777	0.603124	0.587587	0.541947	0.593474	0.618566	0.653034	0.668055	0.557919	0.561587
0.396878	0.541174	0.62098	0.616628	0.581559	0.553828	0.583067	0.483253	0.54511	0.57771
0.527075	0.561434	0.454894	0.630595	0.524065	0.34424	0.313345	0.489847	0.593106	0.450477
0.604914	0.490623	0.446187	0.702066	0.474005	0.413224	0.379677	0.444332	0.467491	0.507894
0.544459	0.463585	0.479244	0.532947	0.506983	0.484308	0.503954	0.483253	0.434961	0.470683
0.480828	0.502531	0.613118	0.490552	0.532057	0.44632	0.502418	0.433175	0.473872	0.580456
0.521687	0.484066	0.607314	0.448583	0.580656	0.496756	0.448416	0.366625	0.572908	0.493376
0.584992	0.507082	0.761425	0.541947	0.662843	0.606924	0.585846	0.594526	0.622257	0.518911

0.441573	0.432316	0.479244	0.561389	0.51389	0.580915	0.379677	0.370533	0.414553	0.568679
0.637621	0.486968	0.368658	0.500205	0.440733	0.44632	0.397371	0.448339	0.483987	0.563349
0.527075	0.617632	0.566089	0.666511	0.583371	0.482148	0.578476	0.607882	0.634488	0.730302
0.388353	0.512453	0.508088	0.532138	0.563845	0.580915	0.593343	0.45374	0.498102	0.700246
0.41385	0.550343	0.640244	0.63161	0.509273	0.496756	0.573932	0.412921	0.422729	0.615837
0.593934	0.734271	0.576705	0.539474	0.740197	0.578219	0.491067	0.639004	0.525371	0.602108
0.682859	0.724098	0.58393	0.566607	0.713669	0.721247	0.644443	0.605949	0.399252	0.568679
0.652872	0.63061	0.61507	0.63775	0.681782	0.695848	0.489575	0.501065	0.364587	0.411438
0.619041	0.537887	0.485732	0.614669	0.708794	0.496014	0.526861	0.578842	0.515827	0.457339
0.457116	0.552877	0.602535	0.676537	0.727362	0.568473	0.604837	0.713778	0.688347	0.669873
0.446049	0.466353	0.640244	0.565733	0.616367	0.586359	0.627755	0.441021	0.540923	0.707567
0.497147	0.535439	0.5794	0.412763	0.624274	0.668531	0.575744	0.406781	0.632425	0.566895
0.715071	0.70806	0.637145	0.643979	0.676125	0.72752	0.584918	0.515702	0.829532	0.643605
0.626767	0.448001	0.422319	0.597423	0.611497	0.556376	0.562337	0.541528	0.61429	0.650025
0.596653	0.514775	0.39319	0.45395	0.643652	0.570228	0.407111	0.560218	0.53926	0.497908
0.530185	0.444027	0.545604	0.520968	0.532865	0.493058	0.316832	0.571653	0.522965	0.445065
0.500777	0.537887	0.558293	0.53457	0.550176	0.504248	0.424701	0.501823	0.588432	0.581375
0.424728	0.721592	0.755978	0.515489	0.446656	0.606924	0.600972	0.516486	0.546796	0.681305
0.517878	0.833581	0.691926	0.50171	0.502438	0.61077	0.530935	0.40984	0.610361	0.540981
0.654947	0.59558	0.706169	0.659953	0.528843	0.423141	0.639159	0.584313	0.664442	0.651104
0.611449	0.626576	0.570481	0.490552	0.550176	0.531538	0.655209	0.546546	0.564908	0.572269
0.777921	0.729155	0.55658	0.450587	0.641571	0.557229	0.541712	0.610798	0.593106	0.522914
0.67191	0.586331	0.677005	0.71913	0.744122	0.521987	0.562337	0.518059	0.554466	0.710035
0.772435	0.530582	0.496022	0.608844	0.645743	0.66633	0.630836	0.465446	0.498102	0.731601
0.478744	0.601226	0.649676	0.665411	0.5435	0.640756	0.733858	0.500308	0.622257	0.685963
0.597563	0.700853	0.723399	0.557944	0.434889	0.602164	0.70972	0.594526	0.745817	0.562467
0.655988	0.552877	0.591276	0.725391	0.566457	0.612706	0.751182	0.663627	0.551895	0.591618
0.538057	0.828756	0.703763	0.652425	0.692153	0.615626	0.533399	0.509479	0.543431	0.546891
0.569346	0.499524	0.636117	0.748707	0.861073	0.684256	0.653034	0.612753	0.733958	0.514155
0.6297	0.504801	0.481396	0.743416	0.669433	0.730054	0.80311	0.741866	0.780566	0.606962
0.61713	0.65243	0.565216	0.63775	0.521696	0.581818	0.658491	0.597354	0.607437	0.628985
0.607703	0.984875	0.740035	0.678797	0.459432	0.665234	0.644443	0.555041	0.699008	0.740802
0.873219	0.939246	0.84921	0.909527	0.673883	0.721247	0.640211	0.374478	0.448894	0.650025
0.55342	0.727885	0.733561	0.633647	0.568206	0.598393	0.555353	0.34494	0.45364	0.511013
0.74472	0.806925	0.797111	0.513162	0.809233	0.684256	0.704805	0.441681	0.543431	0.572269
0.866398	0.870699	0.829534	0.641893	0.714896	0.794323	0.728664	0.532476	0.751194	0.750202
0.718668	0.670934	0.684975	0.828858	0.655279	0.733884	0.708486	0.545706	0.504952	0.598264
0.672993	0.739448	0.691926	0.665411	0.491281	0.618566	0.647645	0.328849	0.415177	0.730302
1.000064	0.791976	0.682683	0.747378	0.600971	0.630529	0.669615	0.557622	0.613304	0.7088
0.503703	0.734271	0.547275	0.646075	0.527244	0.56935	0.737795	0.661429	0.560527	0.462208
0.590335	0.724098	0.675878	0.63161	0.5435	0.564114	0.590516	0.528423	0.633455	0.489635
0.89255	0.76354	0.740035	0.690276	0.779718	0.715063	0.624696	0.673655	0.737875	0.771058
0.71032	0.557135	0.662579	0.682209	0.648898	0.56935	0.658491	0.587999	0.846039	0.842078
0.558386	0.470539	0.683828	0.662128	0.535296	0.614651	0.783635	0.644239	0.559656	0.557213
0.74472	0.659954	0.650737	0.531331	0.45739	0.852593	0.727375	0.549924	0.564908	0.620847
1.048727	0.735559	0.733561	0.792052	0.705174	0.677447	0.777814	0.668055	0.58289	0.703891
0.717466	0.657791	0.689596	0.532947	0.602866	0.638691	0.666248	0.598301	0.635522	0.505569

0.427798	0.709273	0.599693	0.468362	0.562113	0.690013	0.588642	0.606914	0.677794	0.540143
0.495704	0.800883	0.749264	0.716651	0.677251	0.767187	0.812402	0.671406	0.59499	0.703891
0.772435	0.557991	0.672515	0.898115	0.610529	0.590948	0.773499	0.751198	0.599735	0.578623
0.57623	0.546151	0.642322	0.769141	0.541847	0.618566	0.590516	0.598301	0.629349	0.695433
0.642645	0.797894	0.655006	0.611746	0.528043	0.641792	0.484396	0.596409	0.647073	0.566895
0.644671	0.631625	0.618015	0.555379	0.568206	0.50957	0.417705	0.541528	0.56315	0.540143
0.459098	0.524984	0.573137	0.50171	0.581559	0.559798	0.512501	0.521222	0.664442	0.533499
0.662287	0.627581	0.566089	0.589051	0.657427	0.441715	0.623682	0.579749	0.624271	0.536808
0.786282	0.699663	0.689596	0.663219	0.617347	0.47291	0.469218	0.672529	0.580144	0.564233
0.538852	0.522607	0.60444	0.573664	0.569084	0.582722	0.590516	0.660335	0.613304	0.592561
0.532531	0.565776	0.680403	0.700873	0.536109	0.700573	0.828345	0.550773	0.585652	0.795972
0.783477	0.637763	0.625968	0.703263	0.64261	0.598393	0.806186	0.657068	0.724954	0.743467
0.638621	0.730428	0.577602	0.548611	0.566457	0.515734	0.627755	0.48911	0.443533	0.597309
0.615228	0.684487	0.58302	0.518612	0.648898	0.475025	0.529301	0.449683	0.455689	0.566006
0.89435	0.575486	0.544771	0.65887	0.668328	0.538024	0.6107	0.599249	0.589363	0.613849
0.753764	0.407976	0.438953	0.541121	0.562978	0.47715	0.533399	0.518059	0.535128	0.615837
0.76034	0.489157	0.454218	0.577235	0.529644	0.547103	0.59714	0.569874	0.560527	0.660939
0.716267	0.678789	0.738733	0.621565	0.605724	0.607883	0.614653	0.619666	0.608409	0.766806
0.70329	0.76908	0.5058	0.596485	0.631313	0.567597	0.626733	0.571653	0.56315	0.523719
0.527075	0.738148	0.590351	0.531331	0.638468	0.683114	0.618643	0.515702	0.604533	0.584145
0.603988	0.790509	0.720896	0.457338	0.575277	0.533958	0.557088	0.532476	0.594047	0.602108
0.514855	0.682199	0.673633	0.63775	0.602866	0.568473	0.618643	0.496543	0.466788	0.639378
0.681752	0.584504	0.534086	0.596485	0.557812	0.46249	0.537535	0.695618	0.483256	0.348952
0.565944	0.570163	0.669178	0.703263	0.432959	0.582722	0.553624	0.561087	0.492103	0.460811
0.715071	0.533004	0.631013	0.758123	0.761556	0.723745	0.782172	0.72252	0.664442	0.610884
0.591232	0.469139	0.334533	0.571004	0.623278	0.684256	0.530117	0.524408	0.625282	0.556343
0.433381	0.44271	0.448848	0.504734	0.45807	0.612706	0.595237	0.490586	0.629349	0.550304
0.723512	0.620593	0.612145	0.645026	0.693321	0.739044	0.565872	0.563705	0.686012	0.668746
0.772435	0.56665	0.545604	0.721624	0.651015	0.619551	0.52042	0.570762	0.569334	0.599222
0.635627	0.443368	0.518145	0.619583	0.593474	0.667429	0.593343	0.523609	0.492848	0.488147
0.674078	0.596516	0.665866	0.792052	0.688668	0.670743	0.627755	0.585232	0.587504	0.684794
0.605842	0.621584	0.561741	0.527316	0.565584	0.459071	0.620651	0.66473	0.601648	0.519709
0.39061	0.570163	0.636117	0.395313	0.372518	0.555525	0.574837	0.466144	0.549338	0.530214
0.585878	0.594646	0.619001	0.515489	0.587018	0.677447	0.549332	0.524408	0.666663	0.520508
0.689563	0.460834	0.517363	0.800965	0.675003	0.649114	0.641265	0.603065	0.418307	0.531854
0.690691	0.662128	0.527639	0.583558	0.667226	0.627507	0.609717	0.72505	0.495092	0.518911
0.622887	0.507846	0.672515	0.557087	0.536109	0.54627	0.511717	0.735321	0.418936	0.658734
0.709141	0.67653	0.760057	0.672052	0.749412	0.580915	0.616643	0.741866	0.553607	0.579539
0.725954	0.735559	0.475681	0.56924	0.645743	0.53315	0.421507	0.469653	0.570225	0.571368
0.542048	0.593714	0.524451	0.45395	0.425953	0.573762	0.541712	0.48911	0.612321	0.564233
0.622887	0.592785	0.539807	0.532138	0.569084	0.620537	0.546777	0.630756	0.733958	0.543504
0.575364	0.495793	0.534899	0.571004	0.632328	0.638691	0.647645	0.662527	0.56579	0.658734
0.654947	0.418418	0.402685	0.633647	0.631313	0.601218	0.637063	0.666944	0.463987	0.615837
0.602143	0.477605	0.519713	0.513937	0.520123	0.769965	0.678724	0.575233	0.476738	0.703891
0.618084	0.55628	0.465163	0.553677	0.516995	0.721247	0.460777	0.604024	0.602607	0.539307
0.521687	0.563166	0.650737	0.587212	0.435535	0.543779	0.518029	0.570762	0.511912	0.546041
0.452525	0.727885	0.57225	0.548611	0.523274	0.585447	0.468508	0.420406	0.712405	0.652186

0.647729	0.618617	0.664768	0.649239	0.617347	0.653355	0.594289	0.697996	0.730076	0.650025
0.704454	0.656714	0.623966	0.482547	0.660668	0.61077	0.698739	0.604985	0.630372	0.639378
0.572774	0.495051	0.740035	0.717889	0.617347	0.566724	0.720987	0.647411	0.643892	0.602108
0.588547	0.59558	0.800097	0.669827	0.716127	0.718763	0.728664	0.776158	0.615278	0.635191
0.539649	0.534625	0.499007	0.498706	0.504705	0.600275	0.593343	0.695618	0.683691	0.632077
0.474606	0.602174	0.571364	0.589973	0.471191	0.609806	0.655209	0.6002	0.613304	0.729008
0.505911	0.682199	0.627979	0.731743	0.71984	0.65549	0.669615	0.713778	0.81207	0.7612
0.582345	0.525779	0.422319	0.598364	0.591619	0.603112	0.550187	0.564581	0.666663	0.540143
0.596653	0.407369	0.349134	0.430943	0.481838	0.514959	0.604837	0.447669	0.479623	0.558957
0.543654	0.321827	0.58393	0.620573	0.478973	0.556376	0.748472	0.464748	0.466788	0.557213
0.636623	0.538707	0.599693	0.727921	0.745439	0.514185	0.543393	0.570762	0.535128	0.458725
0.417446	0.522607	0.54063	0.436096	0.536924	0.451643	0.474937	0.339162	0.480347	0.454581
0.387229	0.441397	0.366445	0.478243	0.444014	0.403528	0.435738	0.45442	0.490616	0.511797
0.462423	0.499524	0.415469	0.522547	0.443355	0.387641	0.480005	0.532476	0.508805	0.545194
0.579714	0.619604	0.402085	0.52972	0.486171	0.391121	0.576653	0.589854	0.515042	0.49715
0.492831	0.350634	0.502013	0.492023	0.4677	0.387641	0.577563	0.529231	0.293073	0.553745
0.427798	0.376944	0.511928	0.616628	0.595336	0.570228	0.518029	0.504869	0.512692	0.562467
0.482923	0.337537	0.428005	0.367888	0.406796	0.496014	0.494065	0.45715	0.511133	0.453209
0.428415	0.458101	0.530851	0.416463	0.359313	0.465936	0.405269	0.447669	0.55275	0.508672
0.391743	0.510912	0.50962	0.430943	0.328967	0.485031	0.562337	0.516486	0.545952	0.557213
0.409692	0.420287	0.348604	0.44	0.439427	0.278391	0.383159	0.424833	0.518985	0.37562
0.494984	0.314424	0.405091	0.535383	0.449982	0.293941	0.350618	0.371657	0.386218	0.43707
0.511853	0.279646	0.390265	0.489818	0.448649	0.335955	0.441697	0.431881	0.343454	0.333599
0.455142	0.332407	0.381607	0.448583	0.478973	0.433933	0.425342	0.427383	0.380997	0.41897
0.459761	0.451342	0.448181	0.420194	0.272646	0.512641	0.453866	0.38653	0.326851	0.407104
0.398603	0.460149	0.434412	0.370109	0.422805	0.545438	0.405269	0.358366	0.343984	0.424706
0.463091	0.444027	0.384474	0.482547	0.464926	0.408955	0.425342	0.467544	0.354163	0.365427
0.479438	0.520243	0.445524	0.336391	0.344922	0.393457	0.441697	0.501823	0.393872	0.369928
0.48573	0.373567	0.515025	0.420194	0.382692	0.448974	0.488832	0.45442	0.333003	0.383717
0.399757	0.364687	0.448848	0.44394	0.496452	0.47715	0.474218	0.472481	0.401664	0.386059
0.444766	0.393062	0.435704	0.474688	0.335587	0.347915	0.424701	0.4943	0.501895	0.397959
0.422287	0.419663	0.446851	0.429027	0.304408	0.364028	0.447064	0.381323	0.462593	0.568679
0.574499	0.467744	0.386781	0.441966	0.327958	0.413224	0.444372	0.422298	0.450245	0.491127
0.485027	0.552031	0.50504	0.500957	0.49349	0.501235	0.378523	0.45442	0.445536	0.357111
0.498596	0.501777	0.396135	0.522547	0.569963	0.345811	0.511717	0.501823	0.429124	0.40772
0.482223	0.574594	0.478529	0.427119	0.492016	0.481431	0.538367	0.493554	0.508032	0.438393
0.465101	0.479033	0.496022	0.415844	0.444014	0.440408	0.485132	0.288954	0.346639	0.526955
0.427798	0.379779	0.474971	0.532138	0.436181	0.401137	0.530117	0.366625	0.471734	0.482247
0.520922	0.436184	0.5058	0.613692	0.612467	0.674082	0.645508	0.631779	0.545952	0.437731
0.565098	0.464967	0.484282	0.510847	0.670542	0.66633	0.447739	0.524408	0.508032	0.451841
0.53568	0.51633	0.537346	0.517829	0.516217	0.392288	0.386669	0.264551	0.426554	0.405259
0.712689	0.656714	0.485006	0.567483	0.496452	0.395806	0.403433	0.340207	0.475302	0.504797
0.51036	0.608869	0.653935	0.556232	0.572612	0.52913	0.482927	0.450357	0.510356	0.567786
0.504438	0.450672	0.497512	0.46976	0.51389	0.439106	0.470641	0.395348	0.360168	0.501722
0.509615	0.330371	0.465856	0.494239	0.480403	0.479285	0.457999	0.41416	0.543431	0.58322
0.707964	0.51633	0.565216	0.607881	0.604769	0.579116	0.4735	0.353484	0.609384	0.536808
0.591232	0.653497	0.569599	0.554527	0.45739	0.47786	0.446389	0.426744	0.495843	0.46784

0.630683	0.604076	0.562607	0.505494	0.410439	0.506521	0.442364	0.55676	0.504186	0.439055
0.678446	0.576379	0.54311	0.570121	0.605724	0.622517	0.522021	0.534926	0.592167	0.487405
0.539649	0.572816	0.60924	0.566607	0.603817	0.516511	0.440366	0.572545	0.594047	0.530214
0.506649	0.478319	0.50126	0.649239	0.685211	0.484308	0.603867	0.552475	0.502657	0.563349
0.579714	0.483343	0.61507	0.621565	0.624274	0.525941	0.553624	0.657068	0.504952	0.394953
0.669753	0.767689	0.707377	0.455302	0.595336	0.631541	0.561458	0.540697	0.516615	0.494881
0.55342	0.653497	0.641282	0.430304	0.585191	0.669635	0.441031	0.552475	0.568445	0.57771
0.601223	0.650304	0.570481	0.53457	0.706378	0.512641	0.460777	0.532476	0.595935	0.584145
0.654947	0.607906	0.548952	0.493499	0.561249	0.553828	0.474218	0.489847	0.463987	0.460115
0.694091	0.510143	0.404488	0.445924	0.601918	0.501235	0.457999	0.573439	0.434961	0.404034
0.62872	0.607906	0.474263	0.682209	0.656351	0.574649	0.435738	0.544867	0.484718	0.49715
0.76034	0.667611	0.594064	0.588131	0.619315	0.654421	0.558831	0.586152	0.696616	0.751562
0.459761	0.501025	0.559153	0.461439	0.425322	0.538841	0.52042	0.448339	0.537602	0.743467
0.386108	0.474765	0.60444	0.41215	0.307282	0.429457	0.531755	0.583397	0.572908	0.628985
0.596653	0.76354	0.634068	0.464887	0.654209	0.699387	0.538367	0.752548	0.703832	0.610884
0.783477	0.698477	0.873351	0.689114	0.609564	0.630529	0.605808	0.555041	0.616268	0.497908
0.662287	0.572816	0.502013	0.483992	0.45875	0.33956	0.447739	0.533291	0.545952	0.457339
0.591232	0.631625	0.426735	0.620573	0.577063	0.450974	0.427273	0.593588	0.624271	0.500192
0.718668	0.631625	0.626972	0.678797	0.566457	0.562382	0.573932	0.621662	0.67794	0.538473
0.498596	0.550343	0.524451	0.588131	0.451319	0.577324	0.626733	0.400726	0.492103	0.560709
0.462423	0.498775	0.635091	0.374584	0.570844	0.649114	0.514862	0.41915	0.668895	0.643605
0.484324	0.481183	0.648618	0.45395	0.637439	0.746901	0.695139	0.593588	0.63656	0.613849
0.591232	0.469838	0.678134	0.579934	0.508508	0.463865	0.702368	0.710085	0.463987	0.530214
0.439036	0.362495	0.489379	0.393548	0.539379	0.479999	0.42342	0.4943	0.479623	0.483715
0.455799	0.37469	0.426735	0.538652	0.547661	0.521987	0.4735	0.636927	0.679084	0.5888
0.644671	0.678789	0.681541	0.720375	0.586103	0.613677	0.681031	0.609824	0.581058	0.556343
0.46376	0.527374	0.490112	0.706874	0.545991	0.537208	0.559705	0.429948	0.446876	0.6099
0.417446	0.529778	0.438953	0.647127	0.644696	0.606924	0.497084	0.476042	0.622257	0.781144
0.512602	0.527374	0.684975	0.886996	0.583371	0.742955	0.732554	0.792149	0.550189	0.660939
0.691821	0.42721	0.548112	0.60025	0.373637	0.552981	0.4735	0.534926	0.631397	0.544348
0.455142	0.512453	0.566089	0.46906	0.385561	0.590948	0.435738	0.366625	0.604533	0.592561
0.346535	0.752667	0.496766	0.445924	0.601918	0.53558	0.452497	0.511026	0.579233	0.647874
0.415644	0.61665	0.552325	0.678797	0.464926	0.515734	0.445716	0.576132	0.50726	0.512581
0.548509	0.528174	0.383325	0.602145	0.590695	0.504248	0.493313	0.577937	0.55275	0.468549
0.590335	0.558849	0.440914	0.571889	0.577958	0.566724	0.56765	0.610798	0.68485	0.727717
0.596653	0.593714	0.484282	0.585381	0.60764	0.472208	0.444372	0.654903	0.593106	0.439719
0.667607	0.582686	0.438953	0.454625	0.509273	0.590948	0.492563	0.404349	0.310368	0.28123
0.57623	0.521029	0.490846	0.500957	0.528043	0.505004	0.447739	0.40984	0.54427	0.617834
0.546075	0.75807	0.568719	0.636721	0.671653	0.536393	0.467092	0.559351	0.6376	0.748847
0.705621	0.716622	0.561741	0.667613	0.760189	0.488661	0.510934	0.547388	0.549338	0.546041
0.666538	0.601226	0.476391	0.614669	0.597206	0.513412	0.611685	0.601153	0.489134	0.716268
0.568493	0.531388	0.632029	0.571889	0.459432	0.549613	0.764995	0.619666	0.622257	0.775352
0.619999	0.632642	0.694267	0.674289	0.622284	0.496014	0.518825	0.543194	0.596882	0.557213
0.608636	0.584504	0.589428	0.585381	0.542672	0.498244	0.515651	0.408002	0.475302	0.615837
0.689563	0.520243	0.690759	0.616628	0.551018	0.622517	0.439702	0.532476	0.628329	0.590677
0.802041	0.641903	0.789736	0.681068	0.694492	0.538024	0.55622	0.783354	0.656757	0.594454
0.749865	0.474765	0.431197	0.621565	0.705174	0.402929	0.444372	0.661429	0.543431	0.415816

0.57623	0.625573	0.448181	0.482547	0.602866	0.355361	0.470641	0.577034	0.440216	0.346801
0.67191	0.495051	0.592204	0.667613	0.90068	0.707758	0.621659	0.669169	0.667777	0.515734
0.699818	0.74206	0.608276	0.48039	0.712445	0.627507	0.404044	0.453061	0.577417	0.485187
0.489977	0.563166	0.573137	0.422699	0.570844	0.597456	0.671874	0.4943	0.435614	0.602108
0.541246	0.385504	0.417948	0.398867	0.562113	0.717526	0.589578	0.541528	0.512692	0.673271
0.675166	0.518673	0.595932	0.500205	0.500184	0.648061	0.600011	0.513358	0.634488	0.550304
0.647729	0.754011	0.504281	0.535383	0.571727	0.542952	0.447064	0.489847	0.626295	0.489635
0.527851	0.678789	0.467246	0.595549	0.569963	0.554676	0.409581	0.534108	0.639687	0.508672
0.747285	0.877803	0.611175	0.822503	0.603817	0.692338	0.363232	0.452384	0.739189	0.744806
0.554244	0.721592	0.55658	0.639817	0.517775	0.53315	0.508595	0.471773	0.589363	0.508672
0.556724	0.510143	0.34649	0.571004	0.562113	0.409562	0.545929	0.6002	0.60069	0.574075
0.735862	0.459465	0.719649	0.599306	0.626274	0.754902	0.691569	0.518848	0.741828	0.718786
0.622887	0.700853	0.75328	0.813141	0.668328	0.741647	0.640211	0.391799	0.718634	0.725146
0.514855	0.669824	0.566963	0.595549	0.707584	0.75625	0.572128	0.555899	0.901605	0.568679
0.737116	0.693763	0.564344	0.541121	0.789822	1.039193	0.783635	0.975497	0.824699	0.530214
1.053907	0.638794	0.82634	0.706874	0.598145	0.767187	0.947135	0.734024	0.801313	0.820802
0.856363	0.874237	0.714699	0.614669	0.627277	0.707758	0.817124	0.753902	0.656757	0.797483
0.794807	0.729155	0.456929	0.537015	0.561249	0.323815	0.801581	0.718752	0.558787	0.762595
0.699818	0.698477	0.59875	0.93126	0.904466	0.772761	0.791022	0.862744	0.7923	0.718786
0.69523	0.786138	0.910347	0.751376	0.871522	0.873304	0.736479	0.572545	0.620251	0.638327
0.551777	0.543655	0.924078	0.63161	0.85087	0.862825	0.545929	0.559351	0.68485	0.703891
0.55014	0.679922	0.897037	0.63161	1.002138	0.813918	0.653034	0.737927	0.789336	0.800521
0.69523	0.720344	0.794146	0.736892	0.615388	0.659794	0.557959	0.623666	0.75527	0.664268
0.523988	0.691426	0.717167	0.890671	0.839262	0.644915	0.445716	0.850717	0.851116	0.647874
0.560891	0.764918	0.629999	0.903784	0.820056	0.715063	0.708486	0.977762	0.752548	0.845446
0.943999	0.945478	0.83926	0.76636	0.771241	0.619551	0.831605	0.621662	0.726229	0.746149
0.531748	0.735559	0.719649	0.848501	0.815384	0.657637	0.767811	0.67705	0.870258	1.007467
0.571057	0.720344	0.743967	0.664314	0.762926	0.821696	0.777814	0.66473	1.174645	0.862687
0.687317	0.892368	0.791201	0.71913	0.728629	0.781258	0.764995	0.735321	0.917179	1.005019
0.657031	0.561434	0.742652	0.681068	0.578856	0.352154	0.515651	0.607882	0.609384	0.7612
0.614281	0.533814	0.525246	0.520181	0.654209	0.544608	0.593343	0.69919	0.54511	0.522111
0.668679	0.496536	0.394955	0.545266	0.579755	0.528331	0.614653	0.67705	0.360718	0.628985
0.603065	0.468441	0.574918	0.524131	0.403184	0.475025	0.564101	0.441681	0.412069	0.553745
0.457116	0.44271	0.605396	0.679931	0.435535	0.559798	0.591456	0.453061	0.511912	0.547742
0.341959	0.480465	0.54394	0.533758	0.640534	0.505004	0.486608	0.534926	0.530222	0.451841
0.475981	0.672048	0.653935	0.52572	0.625273	0.575539	0.569436	0.472481	0.388559	0.538473
0.651838	0.56665	0.554873	0.447251	0.441387	0.501235	0.427918	0.434473	0.360718	0.504026
0.832246	0.722843	0.474263	0.448583	0.655279	0.589107	0.451814	0.545706	0.408368	0.480785
1.290454	0.947576	0.677005	0.711735	0.87863	0.630529	0.513286	0.665835	0.663336	0.564233
0.003248	0.001624	0.339314	1.893931	1.151228	1.623391	0.910316	0.998692	0.854534	0.667622
0	0	0	0	0	0	0.455158	1.807952	1.18923	1.242744
0	0	0	0	0	0	0	0.830735	2.642964	1.117777
0	0	1.985454	1.408949	0	0	0.47224	1.465083	0.93078	1.229797
1.127558	2.282164	1.349097	1.336267	1.054521	0.94448	1.638152	1.030826	1.095183	2.143981
2.080444	1.361927	1.285017	1.310642	1.274603	0.834439	1.670788	1.074749	1.376362	1.115616
1.264304	1.407952	1.683507	1.766028	1.029152	0.769965	1.00652	1.118672	1.014525	1.198644
1.208794	0.931073	1.921535	1.858254	1.068926	1.373365	1.383765	1.060005	1.633373	2.0533

1.272847	1.093653	0.823169	0.90569	1.232158	1.219605	1.570367	1.406464	1.105206	0.911009
0.793374	0.76908	0.61605	0.793525	0.844199	0.990256	0.809283	0.796614	1.064402	1.045943
0.534891	0.711709	0.812249	0.773346	0.646792	1.026432	1.058457	0.807216	0.947975	0.86445
0.665471	0.870699	0.983804	1.033593	0.756117	0.381332	0.733858	0.842325	0.776246	0.712518
0.907169	0.751327	0.696622	0.800965	0.873288	0.635612	0.673008	0.690901	0.799797	0.462208
0.995485	0.796407	0.672515	0.817797	0.794225	0.741647	0.685683	0.953478	0.628329	0.557213
0.749865	0.670934	0.946573	1.207944	0.792752	0.801755	1.361034	1.003484	0.821507	1.048634
0.824495	0.883208	0.768332	1.150604	1.228133	0.902551	0.851696	0.796614	0.96313	0.843759
0.649779	0.693763	0.891455	0.795003	0.716127	0.50957	0.773499	0.789197	0.687178	0.773916
0.746001	0.551186	0.772529	0.828858	0.601918	0.862825	1.018934	0.61768	0.602607	1.26883
0.776543	0.825569	0.885944	0.687956	0.769844	0.873304	0.766401	0.701587	0.789336	0.888037
0.712689	0.811511	0.712245	0.724132	0.663935	0.778407	0.585846	0.451707	0.769141	0.460811
0.686198	0.738148	0.564344	0.731743	0.837628	0.764427	0.56058	0.526812	0.568445	0.552021
1.033547	0.855129	0.898914	0.982828	1.197209	0.598393	0.843212	1.025725	0.983426	0.89556
1.323095	1.459438	1.280466	0.740795	0.942186	0.869783	0.669615	0.757989	0.632425	0.754294
0.866398	0.799386	0.812249	0.673169	0.729899	0.774165	0.783635	0.657068	0.494343	0.572269
0.964715	0.586331	0.835994	0.999099	0.895062	0.685402	0.780715	0.762115	0.612321	0.924992
0.793374	0.60028	0.791201	0.727921	0.746759	0.588189	0.507042	0.847341	0.831154	0.738153
0.725954	0.511682	0.904593	0.73431	0.713669	0.855977	0.713444	0.930481	0.837707	0.567786
0.674078	0.730428	0.702564	0.656711	0.959103	0.839315	0.658491	0.80416	0.560527	0.819208
0.793374	1.062428	0.714699	0.840208	1.004525	0.740344	0.733858	0.618672	0.593106	0.710035
0.444766	0.752667	0.672515	0.722876	0.661754	0.542952	0.647645	0.594526	0.72879	0.662046
0.686198	0.654567	0.532466	0.790584	0.713669	0.564982	0.6107	0.752548	0.713644	0.502488
0.704454	0.521817	0.529242	0.856955	0.826364	0.712614	0.622669	0.728873	0.700209	0.723867
0.89435	0.805406	0.724657	0.994388	0.927905	0.740344	0.841535	0.612753	0.619252	0.718786
0.653908	0.726619	0.640244	0.545266	0.491281	0.645961	0.776371	0.500308	0.50958	0.80358
0.565098	0.699663	0.727182	0.557087	0.469093	0.931882	0.606782	0.582482	0.895907	0.843759
0.868094	0.655639	0.820021	0.669827	0.536109	0.921883	0.975813	0.922412	0.583808	0.772484
0.719874	0.673164	0.60444	0.703263	0.710008	0.35056	0.658491	0.801126	0.8231	0.701458
0.700972	0.734271	0.58302	0.535383	0.705174	0.529931	0.606782	0.675915	1.081422	0.840404
0.70213	0.943391	0.626972	0.683352	0.875061	0.944193	1.136844	0.89342	0.696616	0.798999
0.799133	0.558849	0.740035	0.876154	0.826364	0.775575	0.600011	0.875114	0.680231	0.628985
0.833813	0.729155	0.769726	0.825669	0.536109	0.614651	0.912281	0.795121	0.621253	0.725146
0.548509	0.444027	0.712245	0.725391	0.678379	0.721247	0.794013	0.694434	0.642837	0.901289
0.748573	0.809977	0.783924	0.594615	0.477548	0.580915	0.497084	0.690901	0.802833	0.626936
0.594839	0.655639	0.566089	0.541947	0.528843	0.740344	0.636019	0.681618	0.619252	0.736835
0.562569	0.563166	0.600638	0.571889	0.539379	0.885858	0.867399	0.701587	0.687178	0.785539
0.517121	0.507082	0.562607	0.632627	0.820056	0.528331	0.704805	0.904785	0.743154	0.680148
0.601223	0.619604	0.481396	0.338455	0.740197	0.722494	0.703585	0.723783	0.892148	0.554609
0.417446	0.578172	0.428005	0.498706	0.585191	0.39463	0.791022	0.801126	0.578324	0.615837
0.818393	0.7191	0.565216	0.608844	0.699207	0.761684	0.733858	0.798113	0.981123	0.935264
0.707964	0.960378	0.725918	0.328734	0.598145	0.478572	0.605808	0.550773	0.638642	0.637279
0.605842	0.571045	0.732278	0.735599	0.513117	0.480714	0.669615	0.582482	0.580144	0.644669
0.500777	0.482622	0.743967	0.621565	0.60764	0.629519	0.670743	0.480355	0.71117	0.746149
0.558386	0.623574	0.566089	0.533758	0.532865	0.383615	0.434425	0.33864	0.53926	0.702673
0.341453	0.471943	0.623966	0.533758	0.483277	0.685402	0.505495	0.601153	0.601648	0.731601
0.428415	0.510912	0.443542	0.668719	0.729899	0.627507	0.503185	0.799617	0.780566	0.822402

0.826034	0.754011	0.725918	0.582649	0.534484	0.61077	0.590516	0.593588	0.434308	0.654358
0.534891	0.444687	0.499007	0.595549	0.481838	0.439106	0.347387	0.473902	0.50726	0.418337
0.536471	0.624572	0.448181	0.541947	0.669433	0.375674	0.367145	0.76908	0.694237	0.648948
0.937972	0.610801	0.576705	0.512389	0.615388	0.544608	0.445043	0.747174	0.554466	0.725146
0.567641	0.460834	0.62098	0.594615	0.47826	0.501987	0.557959	0.66473	0.454322	0.705113
0.433381	0.373007	0.639209	0.565733	0.519339	0.731327	0.65087	0.568987	0.776246	0.891782
0.616178	0.973568	0.92209	0.807011	0.717361	0.884042	0.844896	0.878714	0.578324	0.771058
1.149724	0.444027	0.684975	0.848501	0.976706	0.586359	0.724809	0.735321	0.616268	0.590677
0.552597	0.501777	0.559153	0.538652	0.582464	0.801755	0.516442	0.428663	0.699008	0.443722
0.483623	0.696114	0.608276	0.572775	0.632328	0.663049	0.535876	0.720004	0.818339	0.582296
0.565944	0.463585	0.704964	0.777591	0.490547	0.37906	0.453181	0.555899	0.569334	0.437731
0.508872	0.510143	0.403886	0.672052	0.778293	0.55894	0.564986	0.744512	0.438896	0.489635
0.662287	0.41041	0.490112	0.517048	0.461484	0.49899	0.748472	0.726321	0.528599	0.837075
0.815374	0.700853	0.959352	0.886996	0.85087	0.648061	0.545082	0.592651	0.438238	0.574075
0.540447	0.739448	0.700177	0.440654	0.678379	0.637662	0.491067	0.546546	0.274632	0.520508
0.550958	0.448668	0.57581	0.678797	0.529644	0.471506	0.733858	0.535746	0.438896	0.772484
0.742171	0.63061	0.800097	0.625555	0.694492	0.715063	0.623682	0.446331	0.532668	0.65327
0.61051	0.726619	0.608276	0.379674	0.469093	0.681975	0.533399	0.464052	0.643892	0.467132
0.623854	0.573704	0.590351	0.346814	0.557812	0.687701	0.510153	0.53004	0.635522	0.480056
0.833813	0.915175	0.507324	0.652425	0.786911	0.900664	0.682189	0.467544	0.442868	0.721319
0.846555	0.682199	0.882309	0.784762	0.842547	0.800259	0.731253	0.428022	0.459818	0.432474
0.541246	0.321329	0.312536	0.559663	0.511575	0.438456	0.444372	0.5064	0.523765	0.445065
0.355834	0.45742	0.331976	0.511618	0.389029	0.451643	0.412688	0.68392	0.570225	0.454581
0.323153	0.523398	0.426102	0.435448	0.41596	0.457711	0.412065	0.371657	0.269248	0.262284
0.318816	0.261512	0.345963	0.375147	0.296833	0.281547	0.439039	0.298352	0.24751	0.370494
0.325095	0.178203	0.379896	0.339491	0.320956	0.330349	0.347924	0.36496	0.420197	0.423425
0.350643	0.41904	0.378192	0.260947	0.333539	0.448974	0.361012	0.304572	0.324313	0.415188
0.190971	0.273368	0.380466	0.152366	0.192238	0.229977	0.296798	0.266313	0.291194	0.217053
0.248163	0.204363	0.230595	0.298918	0.228374	0.254359	0.331582	0.380749	0.317285	0.255278
0.435258	0.266741	0.260676	0.34053	0.264729	0.313952	0.276734	0.307958	0.313319	0.274822
0.271177	0.190902	0.250839	0.277265	0.237283	0.23809	0.293942	0.318776	0.306465	0.324335
0.206611	0.25849	0.221409	0.141054	0.34023	0.423141	0.279478	0.35187	0.415177	0.399773
0.278544	0.554575	0.444863	0.287266	0.329979	0.312006	0.321862	0.266754	0.354163	0.325355
0.30699	0.322325	0.356083	0.221264	0.207249	0.202719	0.189454	0.330892	0.304043	0.359865
0.365871	0.268498	0.238744	0.364579	0.269991	0.406534	0.363789	0.326309	0.413931	0.329457
0.37944	0.311985	0.245375	0.283147	0.236466	0.293011	0.305479	0.325802	0.250916	0.274822
0.347046	0.388395	0.391433	0.46558	0.251846	0.346862	0.402214	0.363854	0.343984	0.382551
0.302348	0.476183	0.429279	0.395313	0.282977	0.408349	0.528486	0.423563	0.286066	0.412061
0.412658	0.343774	0.356083	0.44	0.286171	0.342675	0.333137	0.426744	0.376408	0.469971
0.296843	0.307627	0.395545	0.385978	0.335587	0.319349	0.348461	0.397133	0.424637	0.358761
0.396878	0.365787	0.428642	0.356414	0.464236	0.398167	0.440366	0.554184	0.416426	0.372196
0.446692	0.456741	0.531657	0.459384	0.403184	0.408955	0.399786	0.473902	0.416426	0.358761
0.47392	0.311498	0.369769	0.526517	0.379274	0.413837	0.482927	0.45715	0.321287	0.587865
0.463091	0.385504	0.532466	0.673169	0.498687	0.550452	0.562337	0.572545	0.589363	0.524526
0.627743	0.388976	0.41362	0.546935	0.489815	0.430093	0.474937	0.392979	0.438238	0.374476
0.433381	0.343774	0.129501	0.371781	0.401987	0.45433	0.424701	0.434473	0.501134	0.539307
0.326556	0.435537	0.389683	0.505494	0.463546	0.602164	0.542552	0.661429	0.648138	0.560709

0.402075	0.440742	0.268974	0.407272	0.412884	0.403528	0.364905	0.519638	0.612321	0.469971
0.331466	0.347454	0.210868	0.326715	0.497196	0.465244	0.361012	0.406781	0.510356	0.540143
0.372331	0.37751	0.305765	0.320217	0.416578	0.489391	0.596188	0.48544	0.462593	0.467132
0.433381	0.353301	0.229386	0.409704	0.469093	0.47291	0.474937	0.38653	0.381574	0.346801
0.332949	0.307146	0.305765	0.405457	0.294026	0.401733	0.4735	0.403743	0.364587	0.565118
0.238093	0.375815	0.355007	0.445924	0.29356	0.403528	0.481464	0.394162	0.378696	0.483715
0.435885	0.507082	0.402085	0.445262	0.434245	0.3768	0.283628	0.385367	0.454322	0.480056
0.366405	0.419663	0.347546	0.352121	0.388449	0.294874	0.304993	0.281123	0.420197	0.378495
0.418048	0.3464	0.304328	0.507017	0.428487	0.320338	0.420236	0.41478	0.362925	0.348413
0.569346	0.578172	0.41857	0.425852	0.459432	0.329337	0.364905	0.345999	0.40409	0.345196
0.373417	0.432958	0.464471	0.47046	0.454007	0.253934	0.33836	0.326309	0.28054	0.472112
0.410876	0.286933	0.50126	0.454625	0.412884	0.328328	0.43377	0.389449	0.409598	0.468549
0.560054	0.327841	0.348074	0.394724	0.409829	0.405329	0.315833	0.311371	0.394467	0.472112
0.407334	0.455385	0.452869	0.37234	0.323444	0.495273	0.315334	0.382475	0.4516	0.366547
0.340444	0.494309	0.373679	0.551982	0.587934	0.592798	0.391393	0.483253	0.532668	0.485925
0.522452	0.628588	0.502013	0.471865	0.588853	0.605968	0.425985	0.319274	0.457061	0.344662
0.337932	0.348512	0.470039	0.447251	0.314065	0.303355	0.394372	0.229934	0.336632	0.287733
0.352194	0.340125	0.369769	0.524925	0.377575	0.418774	0.435738	0.496543	0.445536	0.369362
0.504438	0.485514	0.416088	0.447916	0.385561	0.448974	0.451132	0.355105	0.378696	0.450477
0.300046	0.498027	0.421066	0.295155	0.296833	0.466628	0.3908	0.332945	0.334555	0.429221
0.322185	0.374128	0.433123	0.425219	0.530447	0.480714	0.316332	0.482527	0.764933	0.671003
0.53568	0.542827	0.574027	0.464887	0.626274	0.627507	0.443702	0.442342	0.478178	0.48445
0.315948	0.339606	0.399695	0.364579	0.362031	0.44964	0.398577	0.34073	0.438896	0.34573
0.485027	0.367996	0.456929	0.453275	0.474711	0.47786	0.544237	0.54236	0.640735	0.482981
0.638621	0.626576	0.479244	0.602145	0.557812	0.532343	0.536705	0.357276	0.397451	0.566895
0.40616	0.485514	0.461026	0.438695	0.432959	0.501235	0.575744	0.439703	0.33352	0.552882
0.611449	0.65243	0.679267	0.601197	0.902569	0.716293	0.828345	0.949206	1.014525	0.882479
0.305725	0.152862	0.076431	0.038216	0.319706	2.593428	0.358147	0.593246	1.284179	1.386482
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.581885	0	0	0	0	0	1.731305	1.323521	1.431009	0.477425
1.169667	1.163771	0.581885	0.858324	1.134763	2.277799	1.375182	1.193926	1.24875	1.676375
1.342911	3.069497	1.8323	1.560318	1.29749	1.426844	0.975813	1.532867	1.290856	1.504668
3.050481	1.193289	0.950791	1.028494	0.970021	1.140868	0.555353	0.670286	1.332962	2.258732
0.9758	1.043666	0.757334	1.062758	1.021616	0.882234	0.564986	0.640046	0.997503	0.842078
1.041071	0.726619	0.882309	0.511618	0.462858	0.487932	0.791022	0.666944	0.68485	0.586932
0.461756	0.559709	0.527639	0.23328	0.349667	0.431369	0.485869	0.429305	0.479623	0.346266
0.377241	0.464275	0.453543	0.260947	0.400197	0.394043	0.408962	0.416647	0.398651	0.351113
0.432134	0.423421	0.419816	0.16122	0.423433	0.492322	0.464274	0.455101	0.571117	0.631044
0.645688	0.54035	0.594064	0.549451	0.712445	0.66633	0.74044	0.552475	0.7923	0.740802
0.638621	0.562299	0.714699	0.665411	0.645743	0.677447	0.689205	0.366625	0.313813	0.469259

[illegible]

190	191	192	193	194	195	196	197	198	199
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1.249184	0	0	0.472914	0.945828	0.436532	0.218266
2.645393	1.282779	1.018535	0.967796	0.893911	1.046745	2.203102	1.300868	0.873064	3.393234
1.251388	1.069273	2.166045	0.930853	1.631787	1.199579	2.132444	1.193721	1.439318	0.959826
0.691293	0.876287	0.891094	0.795482	0.878829	0.780235	0.818691	1.086574	0.955489	0.956718
0.491071	0.827773	0.778519	0.439627	0.665135	0.718965	0.49403	0.580172	0.90074	0.887481
0.774496	0.654379	0.572576	0.581177	0.897764	0.982414	0.867216	0.853123	0.908428	0.667685
0.778816	0.545093	0.559548	0.659253	0.506533	0.637636	0.853279	1.004448	0.734905	0.590916
0.422218	0.462776	0.515639	0.701283	0.469624	0.523281	0.624167	0.63636	0.569326	0.4528
0.528447	0.645669	0.595198	0.676931	0.4972	0.62645	0.61814	0.444002	0.421668	0.685049
0.560502	0.507441	0.615155	0.606314	0.594226	0.643861	0.536525	0.569402	0.529467	0.770962
0.4072	0.577941	0.702076	0.535702	0.390611	0.612618	0.49931	0.477829	0.527849	0.493383
0.583882	0.673488	0.740561	0.675805	0.612901	0.671918	0.510844	0.363596	0.6323	0.521628
0.496325	0.499671	0.612247	0.506561	0.573559	0.43478	0.33718	0.595901	0.59025	0.495668
0.564901	0.320489	0.382192	0.421719	0.540876	0.287749	0.386357	0.541923	0.625171	0.389199
0.465712	0.41907	0.425833	0.4938	0.480593	0.301305	0.530776	0.58658	0.462052	0.494905
0.476399	0.385832	0.303823	0.356127	0.534122	0.581657	0.603427	0.484339	0.571106	0.715627
0.318496	0.314918	0.427724	0.431861	0.432944	0.439323	0.592946	0.485799	0.460667	0.632811
0.469245	0.471349	0.453755	0.403918	0.447109	0.43349	0.485861	0.602548	0.339019	0.586188
0.566674	0.536626	0.439895	0.3305	0.424401	0.40726	0.383442	0.528809	0.548515	0.515191
0.327617	0.464904	0.300983	0.466564	0.45402	0.442598	0.268247	0.388585	0.437767	0.571393
0.539149	0.601631	0.44381	0.668002	0.714253	0.60971	0.360246	0.467191	0.488513	0.43985
0.353463	0.4347	0.459154	0.530842	0.425052	0.607783	0.428082	0.554588	0.649047	0.811676
0.503176	0.395418	0.29863	0.482844	0.342237	0.268395	0.286453	0.497659	0.417891	0.477717
0.629631	0.480832	0.499694	0.574	0.616938	0.369552	0.539844	0.641563	0.536821	0.321291
0.474241	0.526678	0.476471	0.444222	0.501842	0.632516	0.655627	0.368034	0.600626	0.531467
0.410286	0.483792	0.425833	0.347592	0.34548	0.517774	0.527525	0.352159	0.403104	0.529812
0.535002	0.542535	0.465998	0.396169	0.555588	0.46624	0.440495	0.532865	0.570215	0.433186
0.298408	0.501987	0.480732	0.469352	0.274552	0.300831	0.453273	0.371392	0.362095	0.412524

0.395069	0.517755	0.314397	0.485013	0.424401	0.426466	0.249918	0.482884	0.321603	0.349806
0.693666	0.62156	0.350396	0.720798	0.601991	0.60971	0.373105	0.637396	0.493706	0.528163
0.715624	0.821265	0.79146	0.695359	0.665135	0.640737	0.636479	0.412004	0.502755	0.568674
0.404135	0.42228	0.54524	0.461727	0.445057	0.218938	0.547407	0.280471	0.310695	0.508848
0.331733	0.486025	0.479307	0.365384	0.295317	0.313342	0.44449	0.307743	0.564029	0.568674
0.608592	0.693477	0.519523	0.499758	0.511276	0.441941	0.57905	0.547787	0.628212	0.659814
0.497081	0.472072	0.327236	0.473567	0.513667	0.35534	0.34138	0.40893	0.437112	0.408132
0.515628	0.486025	0.373743	0.309193	0.379321	0.416447	0.420422	0.513734	0.719573	0.634911
0.737434	0.514555	0.641207	0.456266	0.562687	0.751188	0.775047	0.652158	0.649047	0.673396
0.428633	0.558112	0.583287	0.472862	0.377565	0.614567	0.485126	0.483611	0.472586	0.4866
0.530077	0.537465	0.487927	0.484289	0.398509	0.487582	0.543189	0.529617	0.466235	0.515191
0.386775	0.546806	0.409782	0.382789	0.432281	0.613591	0.600544	0.484339	0.628212	0.544088
0.525207	0.554602	0.590578	0.577574	0.622036	0.600156	0.732786	0.562367	0.527849	0.537311
0.479294	0.420351	0.417734	0.364285	0.514467	0.493455	0.539012	0.401038	0.443712	0.53984
0.512481	0.550254	0.566447	0.408756	0.491087	0.409082	0.482198	0.558892	0.477591	0.493383
0.510136	0.541686	0.681202	0.531648	0.382263	0.473944	0.722516	0.559759	0.624162	0.498733
0.463606	0.28998	0.430894	0.636063	0.490329	0.514659	0.547407	0.605428	0.511218	0.523253
0.299367	0.539993	0.677818	0.474982	0.44986	0.516214	0.515545	0.341014	0.441722	0.523253
0.544179	0.620542	0.526603	0.564322	0.50969	0.427734	0.505423	0.599687	0.583775	0.595697
0.585733	0.519364	0.356786	0.560855	0.519298	0.337431	0.467847	0.560626	0.569326	0.419516
0.528447	0.656584	0.58966	0.421719	0.536643	0.541881	0.268693	0.433504	0.742778	0.567772
0.478569	0.555477	0.603639	0.476401	0.551209	0.523281	0.456012	0.256532	0.555342	0.52001
0.4358	0.407705	0.409177	0.429303	0.391213	0.335885	0.377096	0.498411	0.42484	0.359743
0.294594	0.477892	0.429623	0.486465	0.34548	0.374582	0.421689	0.388001	0.326145	0.4866
0.440423	0.559877	0.489381	0.41488	0.446424	0.525662	0.486597	0.392107	0.457909	0.560619
0.296497	0.370692	0.359476	0.517358	0.41987	0.297994	0.356407	0.293893	0.414147	0.466863
0.463606	0.410832	0.425205	0.363188	0.372338	0.395305	0.310339	0.317559	0.43061	0.441869
0.511698	0.351659	0.366003	0.390884	0.388809	0.45123	0.405494	0.487264	0.525434	0.494143
0.35292	0.382291	0.415886	0.416735	0.454718	0.445236	0.506193	0.436105	0.443048	0.541534
0.426055	0.365007	0.355179	0.476401	0.388809	0.325219	0.510065	0.523992	0.356074	0.380326
0.296021	0.526678	0.382761	0.435727	0.389409	0.417687	0.356953	0.420728	0.466936	0.398257
0.382686	0.463484	0.417734	0.428666	0.346567	0.225668	0.414764	0.355938	0.38414	0.389199
0.336934	0.407705	0.279806	0.237172	0.30263	0.317758	0.36412	0.344169	0.359348	0.410636
0.373483	0.376453	0.348286	0.392053	0.29969	0.314809	0.369151	0.430919	0.360994	0.360861
0.339557	0.389402	0.410389	0.358829	0.372338	0.431563	0.338226	0.377618	0.357162	0.356405
0.310546	0.284784	0.373743	0.351839	0.155576	0.295644	0.346687	0.296722	0.356074	0.371631
0.290814	0.300562	0.341501	0.237992	0.276862	0.401839	0.378818	0.216589	0.384721	0.390396
0.244872	0.273201	0.279806	0.188765	0.300668	0.261842	0.315775	0.297196	0.428036	0.468294
0.223806	0.295239	0.279357	0.248376	0.287176	0.248184	0.234801	0.24504	0.353365	0.344382
0.342197	0.30105	0.31294	0.308709	0.306581	0.188232	0.249064	0.313606	0.332792	0.309194
0.311038	0.252228	0.317327	0.351839	0.263181	0.290519	0.301107	0.285974	0.330224	0.351447
0.300327	0.234306	0.30716	0.301999	0.24688	0.341579	0.352601	0.23221	0.21486	0.405022
0.294594	0.309914	0.214825	0.267278	0.357584	0.332301	0.242714	0.286436	0.285028	0.275263
0.306625	0.402748	0.289346	0.285206	0.288126	0.315299	0.274985	0.220541	0.367642	0.314193
0.397468	0.308424	0.258329	0.301524	0.337416	0.30897	0.273178	0.310176	0.362646	0.276184
0.275559	0.198995	0.31004	0.323947	0.239591	0.248604	0.28137	0.32811	0.377808	0.338493
0.218197	0.219916	0.387341	0.365935	0.241295	0.26271	0.354228	0.263488	0.315619	0.405022

0.395069	0.374139	0.362727	0.322449	0.390611	0.305121	0.374811	0.342063	0.344806	0.351995
0.419679	0.407083	0.394889	0.383936	0.451243	0.438671	0.439172	0.375911	0.412287	0.273886
0.395069	0.394208	0.363272	0.229457	0.424401	0.302256	0.285524	0.315084	0.333308	0.249387
0.438435	0.407083	0.399008	0.34391	0.470346	0.222092	0.30497	0.418844	0.405534	0.259908
0.399881	0.430739	0.499694	0.519708	0.443014	0.271488	0.361902	0.499165	0.545142	0.4208
0.333806	0.368409	0.542763	0.470051	0.298714	0.320727	0.433918	0.301958	0.332277	0.359743
0.414019	0.354958	0.398417	0.375969	0.293388	0.332811	0.365233	0.323053	0.290602	0.329026
0.478569	0.4347	0.463247	0.486465	0.501065	0.355878	0.362455	0.512955	0.488513	0.445936
0.407815	0.293319	0.391389	0.402716	0.427667	0.418308	0.374242	0.42899	0.476872	0.412524
0.418415	0.303494	0.310522	0.344959	0.376398	0.30178	0.323806	0.425157	0.421036	0.386815
0.515628	0.428772	0.423951	0.565193	0.424401	0.304164	0.374811	0.412621	0.471876	0.509636
0.472808	0.500442	0.47506	0.497515	0.472522	0.377968	0.258986	0.294363	0.571106	0.491866
0.391495	0.35551	0.473653	0.290732	0.42898	0.516214	0.402448	0.452723	0.49595	0.445936
0.5244	0.520979	0.417734	0.43058	0.443694	0.381952	0.397018	0.467892	0.433199	0.419516
0.404135	0.513759	0.449085	0.335609	0.274552	0.454596	0.390472	0.380477	0.565787	0.534797
0.412771	0.494313	0.38965	0.418597	0.397284	0.424569	0.490298	0.575652	0.485574	0.420157
0.439759	0.424865	0.549399	0.610165	0.491087	0.415211	0.610231	0.45408	0.479031	0.506493
0.645308	0.615485	0.69735	0.804464	0.721931	0.631499	0.549106	0.49992	0.723356	0.635964
0.432527	0.590099	0.654843	0.527631	0.57632	0.616525	0.458768	0.498411	0.559664	0.490355
0.57474	0.595827	0.465998	0.554004	0.573559	0.520912	0.540678	0.609297	0.585615	0.368201
0.790552	0.604563	0.645357	0.728349	0.723224	0.542708	0.520297	0.706956	0.754863	0.532297
0.580202	0.664391	0.619063	0.605356	0.601013	0.392953	0.538181	0.609297	0.631274	0.516792
0.535828	0.52832	0.615155	0.618956	0.597122	0.633535	0.711246	0.595901	0.490731	0.617381
0.618484	0.485279	0.744473	0.604401	0.718075	0.827011	0.79557	0.614183	0.511996	0.587129
0.588526	0.587263	0.661284	0.750483	0.905576	0.698344	0.647013	0.694956	0.69162	0.524883
0.576553	0.541686	0.4227	0.482123	0.682468	0.667481	0.54656	0.643661	0.684614	0.544088
0.684252	0.691077	0.468072	0.695359	0.692002	0.568282	0.585479	0.616153	0.548515	0.606404
0.819764	0.741793	0.528989	0.417355	0.623063	0.661999	0.44449	0.598737	0.685774	0.743088
0.600838	0.608503	0.58783	0.519708	0.630321	0.657663	0.614168	0.618132	0.603499	0.832729
0.711886	0.510589	0.634038	0.553155	0.490329	0.80983	0.861937	0.523992	0.344806	0.819653
0.826172	0.619526	0.720273	0.754509	0.724521	0.823836	0.780813	0.686748	0.604461	0.796148
0.644245	0.629795	0.558693	0.651739	0.775446	0.698344	0.548256	0.720551	0.771517	0.699458
0.69845	0.725947	0.508734	0.783787	0.631367	0.473238	0.63544	0.709397	0.683457	0.770962
0.685417	0.706919	0.633023	0.844027	0.647379	0.500909	0.815536	0.711851	0.76311	0.711842
0.647442	0.844484	0.642241	0.682606	0.732384	0.599213	0.62014	0.732	0.94693	0.68387
0.59322	0.659913	0.690356	0.700091	0.675451	0.658743	0.725061	0.676419	0.683457	0.756802
0.619485	0.570625	0.595198	0.601548	0.538331	0.660911	0.663308	0.529617	0.663147	0.772404
0.723197	0.598719	0.650602	0.61797	0.659508	0.44989	0.556834	0.641563	0.599672	0.620423
0.724472	0.787115	0.634038	0.518923	0.802561	0.743234	0.580877	0.588428	0.615186	0.533129
0.697249	0.505095	0.465998	0.595897	0.561794	0.642817	0.732786	0.654308	0.488513	0.669961
0.676179	0.459254	0.665632	0.725817	0.700521	0.641776	0.60536	0.584739	0.545983	0.591868
0.659369	0.406461	0.3682	0.468653	0.552081	0.494194	0.482928	0.607358	0.592118	0.472618
0.572034	0.410205	0.468072	0.467259	0.40843	0.582564	0.718727	0.62918	0.748108	0.587129
0.654994	0.630835	0.517965	0.635038	0.589441	0.706717	0.57905	0.529617	0.528657	0.59956
0.516418	0.662146	0.549399	0.566066	0.521734	0.401839	0.463633	0.490948	0.471876	0.513596
0.580202	0.704444	0.541941	0.561719	0.766772	0.486126	0.486597	0.593084	0.741456	0.54924
0.650662	0.486025	0.497464	0.627929	0.520921	0.532077	0.621143	0.621118	0.378953	0.545798

0.608592	0.526678	0.468072	0.433146	0.490329	0.621459	0.639613	0.62513	0.544303	0.567772
0.45186	0.503539	0.434729	0.485739	0.494898	0.46763	0.481469	0.557165	0.638505	0.501046
0.386188	0.486025	0.562984	0.52207	0.420514	0.594524	0.480015	0.303878	0.533537	0.652082
0.44644	0.574268	0.445781	0.610165	0.655058	0.777383	0.468554	0.389756	0.621149	0.584311
0.503944	0.48157	0.401379	0.586639	0.586596	0.460036	0.505423	0.516865	0.491473	0.38741
0.472093	0.410832	0.408572	0.454235	0.516072	0.387128	0.421055	0.525592	0.472586	0.494905
0.442419	0.381117	0.490109	0.448866	0.402203	0.373459	0.403664	0.425794	0.377237	0.498733
0.428633	0.432056	0.5403	0.568695	0.56538	0.487582	0.525908	0.537782	0.392927	0.388602
0.518003	0.410832	0.50419	0.516578	0.4972	0.478205	0.449197	0.410157	0.323112	0.394611
0.463606	0.335531	0.457121	0.42803	0.417301	0.525662	0.538181	0.467892	0.487041	0.410636
0.518003	0.527498	0.573458	0.500509	0.385821	0.544367	0.573613	0.584739	0.55793	0.554455
0.495571	0.675793	0.489381	0.480686	0.446424	0.45595	0.467847	0.449348	0.395895	0.50493
0.456658	0.663267	0.562122	0.529233	0.56538	0.518557	0.662203	0.580172	0.360444	0.454881
0.452542	0.328204	0.54112	0.530842	0.421159	0.417687	0.589197	0.467191	0.471167	0.465436
0.607615	0.567013	0.516413	0.509619	0.577244	0.502416	0.31927	0.423887	0.508121	0.457671
0.458039	0.471349	0.54112	0.374842	0.421806	0.401241	0.373105	0.405877	0.385302	0.50571
0.5244	0.507441	0.683472	0.479252	0.443014	0.483951	0.433266	0.464398	0.512775	0.52652
0.447114	0.556353	0.7471	0.625919	0.573559	0.569161	0.506965	0.533681	0.571106	0.605419
0.490325	0.529969	0.426463	0.462415	0.488063	0.329758	0.406106	0.375344	0.512775	0.543235
0.549267	0.550254	0.459833	0.427395	0.443014	0.336915	0.367468	0.331685	0.453125	0.481396
0.509357	0.380531	0.494507	0.393812	0.428323	0.441941	0.650223	0.444002	0.377237	0.528987
0.458731	0.498901	0.480732	0.420467	0.531616	0.414594	0.475682	0.551174	0.422934	0.457671
0.415897	0.497366	0.503438	0.485739	0.447795	0.368997	0.436537	0.604465	0.486307	0.537311
0.568453	0.512171	0.628989	0.526832	0.414112	0.547704	0.568244	0.513734	0.60736	0.558849
0.489581	0.525859	0.599867	0.553155	0.484312	0.50926	0.441158	0.450695	0.431256	0.459775
0.438435	0.379362	0.412213	0.479252	0.494898	0.461407	0.289719	0.437411	0.44106	0.438509
0.496325	0.55112	0.413434	0.564322	0.720642	0.543537	0.421689	0.512177	0.464139	0.418876
0.685417	0.536626	0.422076	0.636063	0.513667	0.441941	0.560313	0.530427	0.544303	0.541534
0.74809	0.772437	0.49157	0.477824	0.510482	0.471829	0.474247	0.512955	0.6142	0.433848
0.539983	0.62463	0.41959	0.402117	0.38821	0.403038	0.460846	0.383933	0.424204	0.497198
0.459424	0.527498	0.474356	0.49454	0.38821	0.483229	0.436537	0.378759	0.472586	0.544942
0.552693	0.607515	0.751072	0.674681	0.522549	0.565656	0.426796	0.581081	0.53109	0.588073
0.340611	0.423571	0.59427	0.487922	0.485809	0.460036	0.382281	0.472123	0.482654	0.442545
0.260383	0.448169	0.453755	0.421719	0.562687	0.352126	0.436537	0.500676	0.552769	0.431207
0.602764	0.483792	0.485756	0.603448	0.542582	0.495678	0.580877	0.578358	0.498207	0.535633
0.624529	0.48902	0.401974	0.386818	0.521734	0.562179	0.519501	0.536137	0.523831	0.453493
0.450498	0.469909	0.389071	0.502014	0.54947	0.5217	0.482198	0.533681	0.561405	0.557086
0.548415	0.436694	0.471552	0.541442	0.504964	0.534508	0.44583	0.320547	0.495201	0.585248
0.630659	0.586321	0.544413	0.442904	0.598091	0.508494	0.503887	0.458178	0.464139	0.432525
0.447114	0.448169	0.474356	0.375969	0.595189	0.551911	0.60536	0.623119	0.600626	0.440522
0.507029	0.536626	0.355179	0.355051	0.571728	0.464854	0.654541	0.680979	0.438424	0.368201
0.492566	0.513759	0.27846	0.499758	0.551209	0.411523	0.585479	0.470003	0.443712	0.493383
0.549267	0.570625	0.411604	0.416735	0.461043	0.424569	0.453956	0.484339	0.436457	0.429892
0.515628	0.529969	0.323245	0.389137	0.524184	0.511566	0.612195	0.67303	0.508121	0.446618
0.535828	0.367272	0.499694	0.483566	0.438958	0.563046	0.607302	0.442676	0.33434	0.573215
0.616487	0.630835	0.576117	0.508087	0.441658	0.514659	0.498551	0.477112	0.553625	0.559733
0.513266	0.641379	0.613214	0.512698	0.501842	0.69013	0.460152	0.456125	0.563152	0.435175

0.504713	0.490526	0.383901	0.534888	0.615925	0.527257	0.458768	0.506005	0.503517	0.398257
0.745401	0.545093	0.494507	0.583899	0.524184	0.417687	0.392841	0.466491	0.499717	0.426623
0.605668	0.727246	0.498949	0.439627	0.400352	0.514659	0.462237	0.473543	0.508121	0.333734
0.480021	0.505095	0.407968	0.427395	0.41221	0.425201	0.60536	0.578358	0.451091	0.512008
0.592277	0.403982	0.423325	0.521281	0.494898	0.492716	0.690723	0.582907	0.419146	0.60739
0.455281	0.539993	0.537852	0.61405	0.714253	0.614567	0.534051	0.566751	0.540962	0.572303
0.464307	0.551988	0.593344	0.488653	0.520921	0.618492	0.428727	0.552877	0.554483	0.470451
0.605668	0.755455	0.664541	0.56694	0.478377	0.536135	0.382281	0.532865	0.388804	0.375088
0.612522	0.539148	0.586007	0.618956	0.690799	0.701913	0.524297	0.570289	0.53109	0.487348
0.442419	0.495074	0.65591	0.606314	0.514467	0.552758	0.503887	0.50908	0.582857	0.466149
0.585733	0.608503	0.531388	0.619944	0.607908	0.443915	0.61318	0.568516	0.487776	0.443898
0.78318	0.784139	0.507973	0.603448	0.602972	0.412749	0.694275	0.613202	0.362646	0.570485
0.584807	0.587263	0.514095	0.584811	0.673137	0.53127	0.485861	0.548631	0.559664	0.626573
0.450498	0.627722	0.715345	0.579372	0.680116	0.687811	0.489555	0.468595	0.59025	0.521628
0.624529	0.618512	0.667823	0.544757	0.528297	0.425201	0.378818	0.534498	0.682304	0.466149
0.589461	0.640313	0.75508	0.556561	0.491087	0.42837	0.453956	0.430275	0.652261	0.566871
0.454595	0.556353	0.672237	0.693013	0.546874	0.513109	0.532411	0.533681	0.553625	0.628643
0.696051	0.656584	0.610319	0.669108	0.68129	0.576258	0.565584	0.591216	0.481927	0.512008
0.773066	0.781184	0.665632	0.896814	0.733708	0.640737	0.513972	0.581081	0.577394	0.509636
0.612522	0.779714	0.77429	0.762675	0.716798	0.706717	0.664416	0.719298	0.770105	0.620423
0.607615	0.784139	0.883811	0.668002	0.622036	0.624447	0.608276	0.581081	0.837061	0.4866
0.694857	0.945709	0.720273	0.631977	0.765342	0.693631	0.703891	0.690247	0.72083	0.655379
0.67962	0.619526	0.640176	0.827767	0.607908	0.701913	0.710011	0.541923	0.575588	0.600531
0.742729	0.671196	0.614184	0.640189	0.574477	0.553606	0.449874	0.553732	0.641641	0.338493
0.840947	0.752688	0.666726	0.673561	0.641976	0.720209	0.622149	0.978676	0.8225	0.519203
0.691293	0.770996	0.768714	0.693013	0.719357	0.926878	0.844791	0.660824	0.799267	0.791596
0.737434	0.699536	0.719035	0.595897	0.613907	0.687811	0.780813	0.64577	0.544303	0.831073
0.575646	0.675793	0.731568	0.650676	0.617953	0.667481	0.654541	0.500676	0.788836	0.706846
0.801087	0.849626	0.855846	0.74782	0.647379	0.589885	0.752722	0.663018	1.06281	0.790089
0.756257	0.645669	0.681202	0.647503	0.601013	0.506205	0.521893	0.523194	0.548515	0.724589
0.744063	0.725947	0.817009	0.552308	0.735037	0.828607	0.492533	0.611245	0.592118	0.530639
1.106588	1.114421	1.33787	1.119137	1.255792	1.389798	1.030813	0.875855	0.597771	0.499503
0.694857	0.673488	0.860954	0.768205	0.582831	0.647007	0.984364	0.870503	0.69874	0.689799
0.67962	0.699536	0.75374	0.635038	0.48506	0.410301	0.986689	0.719298	0.692798	0.954516
0.671632	0.983904	0.939601	0.862646	0.791814	0.797749	0.968431	0.89046	0.543465	0.99356
1.076847	1.150793	0.864393	1.014259	0.675451	0.726483	0.843113	0.817173	0.728451	0.849649
0.621496	0.965511	0.721513	0.754509	0.850153	0.803748	0.690723	0.870503	0.959833	0.698239
0.609571	1.08976	0.919544	0.834198	1.338163	1.105382	0.776482	1.009302	0.724624	0.496432
0.76458	0.794644	0.939601	1.097817	1.035535	1.541551	0.972924	0.870503	0.69162	0.885603
0.873892	0.924716	0.915641	0.83097	0.64521	0.953759	0.911928	0.807863	0.788836	0.881871
0.724472	0.778249	0.937553	0.813635	0.45402	0.714024	0.759576	0.724334	0.951189	1.117923
1.007884	0.945709	0.949989	1.141558	0.743095	0.949513	0.88529	0.762708	0.774356	1.234704
1.033129	0.745847	0.628989	0.687201	0.788792	0.686656	0.800097	0.709397	0.59025	0.829423
0.821357	0.998229	0.775695	0.666899	0.915541	0.770335	0.706329	0.66192	0.697545	0.758197
0.736121	0.725947	0.757773	0.694184	1.017318	0.951631	0.989026	0.866971	0.494453	1.055442
0.840947	0.83272	0.745785	1.06354	0.784298	0.913065	1.036004	0.732	0.3953	0.763824
0.69845	0.546806	0.823246	1.05002	0.893911	1.120773	0.970672	0.762708	0.782986	0.96564

0.903717	0.827773	1.358915	1.071859	0.706709	0.975631	1.02824	0.950067	1.30455	1.222321
1.015305	0.631878	0.565579	0.94006	0.823253	0.629472	0.752722	0.935409	0.594936	0.874501
0.638969	0.663267	0.585099	0.676931	0.884424	0.703109	0.621143	0.652158	0.979937	0.883733
0.651741	1.018095	1.293945	0.786682	0.678945	0.823836	0.718727	0.950067	1.118846	0.805398
0.672764	0.800762	1.020609	0.94006	0.537486	0.788904	0.755451	0.746416	0.857267	0.671103
0.781721	0.62156	0.667823	0.737327	0.444375	0.712798	0.853279	0.747751	0.612234	0.762411
0.684252	0.547666	0.695006	0.593099	0.422453	0.532886	1.097622	0.757209	0.466936	0.914667
0.605668	0.596789	0.795861	0.821429	0.754076	0.701913	0.883448	0.849729	0.772934	0.93729
0.604698	0.672341	0.538666	0.703674	0.700521	0.598271	0.579962	0.618132	0.570215	0.604437
0.432527	0.603584	0.590578	0.310646	0.540876	0.819117	0.603427	0.485799	0.72083	0.688607
0.443087	0.745847	0.614184	0.585724	0.673137	0.687811	0.798583	0.797249	0.970887	0.718169
0.745401	0.615485	0.83924	0.761303	0.588491	0.727749	0.573613	0.794263	0.669812	0.675702
0.844299	0.496601	0.537038	0.682606	0.513667	0.524867	0.432614	0.600638	0.490731	0.570485
0.573836	0.41843	0.510259	0.632995	0.378149	0.764778	0.747316	0.608327	0.563152	0.79921
0.670503	0.588206	0.677818	0.794002	0.688402	0.451901	0.529961	0.706956	0.592118	0.523253
0.579287	0.508226	0.54112	0.530842	0.524184	0.52966	0.490298	0.499165	0.533537	0.405022
0.395668	0.569719	0.548564	0.566066	0.488817	0.577153	0.579962	0.406486	0.617165	0.834392
0.559627	0.829416	0.790003	0.859201	0.643051	0.615545	0.712484	0.693774	0.71707	0.7856
0.528447	0.529969	0.404362	0.607273	0.512869	0.308487	0.474964	0.62513	0.482654	0.483618
0.709412	0.495837	0.514095	0.619944	0.773988	0.560451	0.468554	0.612222	0.498207	0.445936
0.602764	0.48157	0.58783	0.672443	0.494898	0.516214	0.666642	0.526394	0.477591	0.749891
0.510916	0.503539	0.439245	0.559993	0.617953	0.408473	0.437852	0.489471	0.487776	0.360302
0.600838	0.464904	0.484314	0.511156	0.407803	0.503927	0.443821	0.485799	0.47831	0.401934
0.472808	0.464194	0.407365	0.419843	0.391213	0.656585	0.482198	0.410157	0.617165	0.536471
0.486617	0.675793	0.561262	0.694184	0.660627	0.698344	0.770773	0.602548	0.5783	0.479185
0.416525	0.533284	0.439245	0.559993	0.580961	0.463472	0.528335	0.547787	0.472586	0.422087
0.512481	0.539148	0.470854	0.442247	0.501842	0.401241	0.490298	0.608327	0.38414	0.4528
0.561378	0.542535	0.597993	0.620934	0.561794	0.449222	0.550811	0.590285	0.510442	0.664294
0.557883	0.391798	0.378792	0.576678	0.456115	0.449222	0.397018	0.469298	0.358254	0.398868
0.404746	0.430739	0.566447	0.422346	0.297741	0.492716	0.468554	0.50524	0.484111	0.534797
0.314999	0.48157	0.615155	0.406935	0.28152	0.583472	0.506193	0.522398	0.59025	0.50415
0.590398	0.474245	0.449085	0.562585	0.548603	0.42837	0.480741	0.512955	0.49296	0.550105
0.638969	0.539993	0.514866	0.508852	0.510482	0.46763	0.35098	0.39093	0.49296	0.464014
0.479294	0.387613	0.393719	0.481404	0.5034	0.45123	0.465033	0.445333	0.359896	0.50493
0.537485	0.462776	0.461196	0.538153	0.485809	0.432847	0.331471	0.465095	0.55793	0.379157
0.368391	0.435364	0.356786	0.409364	0.534961	0.367335	0.294428	0.386835	0.389978	0.389797
0.45186	0.4347	0.401379	0.41242	0.367174	0.425833	0.44449	0.353774	0.32818	0.483618
0.424133	0.492037	0.516413	0.466564	0.423101	0.5217	0.441823	0.436105	0.409204	0.524067
0.383851	0.429427	0.319783	0.417355	0.443014	0.409082	0.363009	0.412621	0.391745	0.386221
0.401092	0.510589	0.433447	0.425494	0.482077	0.37178	0.435881	0.377618	0.445712	0.354194
0.46151	0.302514	0.348813	0.363188	0.381673	0.388287	0.50083	0.392696	0.350135	0.471172
0.363914	0.365572	0.313425	0.322948	0.427012	0.35373	0.396419	0.455442	0.508894	0.445936
0.294594	0.377033	0.38965	0.419843	0.377565	0.385396	0.33718	0.452723	0.435151	0.455577
0.358382	0.298619	0.410996	0.362641	0.380495	0.365129	0.30789	0.489471	0.40371	0.479921
0.417784	0.387018	0.401379	0.390884	0.442336	0.389449	0.417898	0.425157	0.378953	0.407508
0.311531	0.399067	0.392552	0.400921	0.461043	0.482507	0.408562	0.440036	0.431902	0.333734
0.381525	0.414615	0.387917	0.422346	0.516876	0.459353	0.326346	0.360298	0.373826	0.375088

0.443755	0.375873	0.372073	0.403918	0.377565	0.379102	0.403664	0.314098	0.414768	0.385628
0.323539	0.41907	0.393135	0.42676	0.385821	0.427734	0.390472	0.353774	0.27998	0.342232
0.430575	0.339241	0.434087	0.45356	0.321211	0.383097	0.377669	0.382202	0.247892	0.354194
0.412148	0.294758	0.325735	0.385087	0.349843	0.430283	0.391655	0.420099	0.284106	0.412524
0.395668	0.36784	0.290265	0.398538	0.341161	0.400047	0.389882	0.418218	0.331249	0.389797
0.239823	0.457853	0.415886	0.480686	0.402821	0.42837	0.294901	0.350014	0.435151	0.368201
0.254285	0.305459	0.269593	0.434435	0.301157	0.375708	0.344025	0.432209	0.474724	0.377991
0.375194	0.346216	0.347761	0.331517	0.385226	0.409691	0.366908	0.482884	0.470459	0.382087
0.404746	0.361071	0.347235	0.339739	0.434939	0.361296	0.329414	0.432209	0.427395	0.355299
0.369518	0.291408	0.406161	0.368699	0.407803	0.391782	0.316771	0.445333	0.382404	0.399479
0.330185	0.366705	0.50044	0.472157	0.402821	0.291446	0.306915	0.402243	0.373826	0.34116
0.283351	0.368979	0.415886	0.347064	0.35647	0.47536	0.448521	0.396252	0.382404	0.35696
0.338506	0.41843	0.35625	0.385663	0.447795	0.512337	0.385189	0.415721	0.440399	0.351995
0.488838	0.493553	0.318308	0.403918	0.412843	0.520126	0.446501	0.453401	0.464837	0.466863
0.4072	0.473519	0.394303	0.333558	0.309068	0.373459	0.401236	0.398638	0.387634	0.367632
0.433833	0.472795	0.368751	0.337669	0.291467	0.375708	0.453273	0.536137	0.465535	0.417598
0.387362	0.402133	0.439245	0.496769	0.409686	0.422054	0.491042	0.503713	0.397686	0.408757
0.36114	0.501214	0.498949	0.446206	0.456115	0.478919	0.482198	0.473543	0.488513	0.375088
0.393874	0.529144	0.601749	0.459671	0.391213	0.45056	0.428082	0.390342	0.434499	0.384445
0.491818	0.589151	0.346187	0.34971	0.455416	0.436073	0.375381	0.438066	0.415391	0.43784
0.45186	0.522599	0.44776	0.482123	0.387014	0.511566	0.419158	0.448676	0.486307	0.470451
0.389719	0.464904	0.465998	0.409974	0.362635	0.436721	0.371972	0.485799	0.527849	0.468294
0.580202	0.505095	0.427093	0.473567	0.476172	0.424569	0.432614	0.491689	0.435151	0.450042
0.437115	0.545949	0.548564	0.496769	0.471796	0.539409	0.439833	0.470708	0.382982	0.442545
0.378061	0.450914	0.596127	0.439627	0.311069	0.449222	0.443154	0.298619	0.36876	0.501046
0.488097	0.474972	0.54112	0.488653	0.347656	0.44063	0.385189	0.405877	0.463442	0.461889
0.586662	0.483792	0.488653	0.445544	0.404061	0.511566	0.411652	0.472832	0.30293	0.453493
0.412148	0.342446	0.479307	0.394989	0.396063	0.45595	0.379969	0.440694	0.31315	0.361983
0.518003	0.459956	0.347761	0.414264	0.468902	0.478919	0.382861	0.495411	0.299577	0.410009
0.550121	0.498133	0.362184	0.458988	0.391213	0.439976	0.365233	0.558028	0.487776	0.513596
0.491818	0.502762	0.385045	0.455588	0.45963	0.35266	0.299667	0.352697	0.445712	0.426623
0.386775	0.498133	0.489381	0.389137	0.468902	0.456628	0.49931	0.42899	0.44974	0.411264
0.426055	0.514555	0.439245	0.403317	0.705464	0.536135	0.401841	0.377048	0.466235	0.495668
0.384434	0.425514	0.425205	0.407541	0.572642	0.593592	0.471391	0.325574	0.402499	0.513596
0.383268	0.403982	0.404362	0.339221	0.423751	0.45595	0.404884	0.423887	0.476155	0.424025
0.44644	0.516953	0.444466	0.469352	0.388809	0.425833	0.410414	0.537782	0.53272	0.344922
0.699655	0.582577	0.651658	0.543926	0.612901	0.487582	0.488814	0.515297	0.445045	0.524883
0.557014	0.426164	0.511023	0.515022	0.427667	0.436721	0.465033	0.504476	0.38414	0.463304
0.37979	0.47936	0.518743	0.395578	0.381673	0.498659	0.522693	0.439378	0.427395	0.433848
0.499357	0.671196	0.521086	0.4482	0.589441	0.57985	0.525908	0.465095	0.518268	0.491866
0.526824	0.46919	0.538666	0.502014	0.512869	0.444575	0.56382	0.536137	0.480477	0.456972
0.455969	0.463484	0.456446	0.424863	0.471796	0.439976	0.363009	0.479267	0.561405	0.384445
0.635834	0.549389	0.441848	0.438323	0.540876	0.511566	0.467847	0.583822	0.530278	0.420157
0.539149	0.580717	0.562984	0.482844	0.546874	0.612618	0.60536	0.490948	0.519058	0.530639
0.514051	0.426814	0.498206	0.616987	0.540026	0.570925	0.63544	0.490209	0.54767	0.53984
0.501644	0.462776	0.462562	0.535702	0.598091	0.546867	0.423597	0.434153	0.453125	0.433848
0.441753	0.509012	0.559548	0.517358	0.587542	0.50773	0.407333	0.485799	0.451768	0.455577

0.462207	0.532453	0.515639	0.43379	0.399122	0.400644	0.413516	0.462315	0.501233	0.484362
0.531712	0.542535	0.394303	0.437023	0.520109	0.43478	0.371972	0.474967	0.461359	0.499503
0.535002	0.515353	0.597059	0.564322	0.609899	0.44063	0.480015	0.646828	0.516691	0.55184
0.444425	0.48902	0.548564	0.649616	0.450551	0.575364	0.540678	0.519227	0.572893	0.50182
0.513266	0.619526	0.62103	0.637091	0.466028	0.536135	0.531592	0.512177	0.500475	0.461889
0.442419	0.670054	0.617105	0.528432	0.630321	0.70072	0.585479	0.50908	0.572893	0.507276
0.503944	0.551988	0.477178	0.640189	0.696849	0.620468	0.680239	0.536137	0.42484	0.346544
0.48294	0.542535	0.514866	0.42803	0.430957	0.425833	0.525102	0.437411	0.515121	0.546656
0.583882	0.596789	0.441848	0.44687	0.530784	0.425833	0.412894	0.460932	0.521438	0.479921
0.699655	0.668916	0.585099	0.527631	0.647379	0.606822	0.600544	0.485068	0.557066	0.474069
0.503176	0.554602	0.562122	0.575784	0.44986	0.533696	0.601503	0.572069	0.480477	0.550971
0.436457	0.591048	0.570816	0.436374	0.400352	0.557015	0.549106	0.434803	0.40371	0.703136
0.451178	0.723361	0.690356	0.670217	0.611898	0.812904	0.723787	0.614183	0.65767	0.544942
0.541657	0.643519	0.716572	0.672443	0.527471	0.525662	0.530776	0.482158	0.492216	0.476985
0.440423	0.592	0.662367	0.554004	0.57817	0.576258	0.488814	0.454761	0.551063	0.372205
0.540819	0.517755	0.547731	0.546423	0.594226	0.629472	0.505423	0.589355	0.603499	0.419516
0.547565	0.459254	0.52187	0.472157	0.510482	0.629472	0.64808	0.554588	0.48999	0.653178
0.571136	0.569719	0.581484	0.578472	0.446424	0.536135	0.639613	0.564115	0.42484	0.463304
0.557883	0.47936	0.615155	0.501261	0.41221	0.633535	0.557701	0.493174	0.429965	0.544942
0.615493	0.559877	0.652717	0.632995	0.478377	0.66528	0.651299	0.578358	0.354988	0.467578
0.488838	0.495074	0.606489	0.543926	0.414748	0.417066	0.487335	0.401038	0.43974	0.463304
0.443755	0.602606	0.58966	0.545589	0.504181	0.368997	0.474964	0.355938	0.512775	0.432525
0.597013	0.525042	0.523442	0.650676	0.561794	0.510796	0.607302	0.492431	0.466235	0.502596
0.498597	0.342983	0.547731	0.585724	0.522549	0.571809	0.554242	0.523992	0.421668	0.528163
0.563136	0.491281	0.709264	0.553155	0.427667	0.526459	0.439833	0.483611	0.43061	0.610363
0.480021	0.709409	0.810861	0.595897	0.4972	0.636607	0.491042	0.618132	0.584694	0.874501
0.423494	0.455759	0.538666	0.656017	0.506533	0.520126	0.518707	0.574753	0.583775	0.667685
0.356189	0.486772	0.653779	0.537334	0.569905	0.659826	0.497795	0.574753	0.621149	0.586188
0.488838	0.576101	0.613214	0.463104	0.696849	0.709139	0.63544	0.580172	0.723356	0.594737
0.714374	0.648915	0.636074	0.646451	0.735037	0.627455	0.591067	0.674156	0.680006	0.665422
0.732203	0.451603	0.624991	0.730895	0.594226	0.558729	0.531592	0.735885	0.65767	0.574129
0.77164	0.519364	0.826398	0.725817	0.579098	0.671918	0.498551	0.637396	0.561405	0.790089
0.815019	0.654379	0.78279	0.839085	0.880686	0.784548	0.738014	0.719298	0.669812	0.634911
0.503944	0.600658	0.625987	0.649616	0.745814	0.604907	0.59578	0.569402	0.587463	0.538995
0.392683	0.641379	0.639147	0.517358	0.648468	0.70072	0.599587	0.487998	0.660948	0.590916
0.585733	0.700758	0.632011	0.618956	0.666269	0.548542	0.61814	0.621118	0.593055	0.605419
0.584807	0.467042	0.517965	0.502014	0.580961	0.584382	0.57092	0.578358	0.535176	0.593778
0.625544	0.56254	0.571695	0.671329	0.407177	0.532886	0.60633	0.573857	0.427395	0.606404
0.550977	0.568815	0.659127	0.610165	0.394238	0.577153	0.755451	0.792778	0.59025	0.793108
0.596061	0.617501	0.648496	0.550619	0.539178	0.462094	0.524297	0.658641	0.603499	0.527341
0.410906	0.775333	0.619063	0.355589	0.373494	0.524867	0.500069	0.386835	0.541795	0.578727
0.582959	0.889311	0.710473	0.612103	0.543437	0.585295	0.555968	0.502952	0.732311	0.68387
0.760398	0.68278	0.764579	0.733456	0.541728	0.578949	0.607302	0.605428	0.546825	0.627607
0.704506	0.679273	0.725257	0.659253	0.490329	0.452573	0.59578	0.63122	0.441722	0.518398
0.586662	0.578864	0.692675	0.725817	0.458924	0.524073	0.674522	0.526394	0.428036	0.60739
0.706952	0.74857	0.703266	0.835821	0.683648	0.657663	0.631307	0.574753	0.554483	0.787091
0.491818	0.602606	0.513325	0.623918	0.658391	0.605863	0.603427	0.537782	0.541795	0.606404

0.427342	0.553729	0.667823	0.602497	0.577244	0.704308	0.666642	0.442676	0.596824	0.566871
0.696051	0.623604	0.572576	0.637091	0.603955	0.661999	0.682547	0.54359	0.731021	0.647725
0.652823	0.536626	0.597993	0.666899	0.648468	0.607783	0.579962	0.676419	0.505047	0.487348
0.687758	0.474245	0.724005	0.792528	0.589441	0.709139	0.794072	0.603505	0.389978	0.471894
0.709412	0.571533	0.653779	0.626923	0.624093	0.628462	0.783724	0.683278	0.435803	0.751264
0.7414	0.695891	0.46738	0.543926	0.456816	0.511566	0.532411	0.627151	0.624162	0.574129
0.550121	0.594867	0.633023	0.526035	0.456816	0.796262	0.668879	0.433504	0.631274	0.590916
0.518003	0.503539	0.579687	0.561719	0.662875	0.872308	0.581794	0.432856	0.681153	0.635964
0.612522	0.41843	0.495983	0.639154	0.552955	0.585295	0.622149	0.664119	0.682304	0.685049
0.620489	0.565218	0.562122	0.632995	0.560011	0.463472	0.599587	0.795753	0.550212	0.644486
0.580202	0.407705	0.653779	0.709713	0.443014	0.432847	0.775047	0.711851	0.633328	0.844503
0.615493	0.590099	0.586917	0.669108	0.682468	0.500158	0.6872	0.696141	0.715823	0.773851
0.617484	0.640313	0.485035	0.567817	0.525824	0.420177	0.599587	0.45408	0.585615	0.589966
0.462207	0.631878	0.683472	0.499009	0.611898	0.575364	0.513972	0.411387	0.598721	0.518398
0.540819	0.57702	0.674461	0.508852	0.608902	0.633535	0.477121	0.453401	0.499717	0.501046
0.623515	0.565218	0.559548	0.480686	0.589441	0.489775	0.54403	0.504476	0.489251	0.603457
0.605668	0.580717	0.498949	0.578472	0.597122	0.438671	0.480015	0.545264	0.485574	0.546656
0.557014	0.433376	0.663453	0.713377	0.56448	0.513883	0.587334	0.601592	0.540962	0.732421
0.538316	0.408953	0.580585	0.610165	0.643051	0.528858	0.525102	0.665223	0.60833	0.658701
0.414644	0.351659	0.465308	0.368699	0.292907	0.426466	0.477121	0.401038	0.497453	0.557086
0.429927	0.56165	0.507973	0.514246	0.330547	0.638667	0.561187	0.334772	0.459976	0.589966
0.576553	0.679273	0.571695	0.608235	0.505748	0.619479	0.593889	0.525592	0.58839	0.625542
0.495571	0.571533	0.422076	0.444882	0.406552	0.448555	0.465033	0.580172	0.581942	0.507276
0.481478	0.521788	0.522655	0.504281	0.377565	0.432205	0.616149	0.583822	0.537646	0.55533
0.437775	0.603584	0.734118	0.75586	0.500289	0.395895	0.702677	0.56587	0.453806	0.473343
0.519593	0.727246	0.665632	0.626923	0.479114	0.410301	0.488814	0.499165	0.481927	0.433186
0.503176	0.576101	0.760482	0.613075	0.422453	0.473238	0.439172	0.468595	0.416639	0.507276
0.696051	0.58351	0.683472	0.605356	0.644129	0.788904	0.759576	0.535317	0.554483	0.745797
0.558754	0.615485	0.525811	0.557416	0.63558	0.5217	0.529147	0.571178	0.577394	0.621442
0.490325	0.546806	0.369856	0.520494	0.673137	0.528057	0.467847	0.558028	0.636426	0.538995
0.585733	0.457154	0.566447	0.544757	0.631367	0.577153	0.690723	0.67303	0.553625	0.499503
0.599879	0.540839	0.563847	0.639154	0.66175	0.654439	0.571816	0.552025	0.561405	0.251123
0.505483	0.559877	0.583287	0.713377	0.558237	0.562179	0.462237	0.523992	0.484111	0.43985
0.490325	0.610486	0.477178	0.533265	0.439632	0.694805	0.527525	0.438066	0.545983	0.573215
0.660469	0.525042	0.5403	0.584811	0.643051	0.861826	0.831545	0.627151	0.690444	0.659814
0.532532	0.653281	0.485756	0.583899	0.678945	0.580753	0.524297	0.755845	0.714581	0.577804
0.572934	0.453676	0.569063	0.613075	0.572642	0.426466	0.573613	0.607358	0.556203	0.488098
0.652823	0.704444	0.650602	0.606314	0.590394	0.551911	0.55944	0.561496	0.630251	0.674548
0.587593	0.541686	0.581484	0.533265	0.546012	0.544367	0.474247	0.346286	0.365414	0.492624
0.562256	0.537465	0.615155	0.581177	0.469624	0.680928	0.532411	0.494664	0.401894	0.590916
0.557883	0.614481	0.835994	0.757214	0.73637	0.901565	0.673387	0.768277	0.699938	0.926861
0.671632	0.623604	0.585099	0.561719	0.732384	0.600156	0.61814	0.738494	0.69398	0.50571
0.685417	0.587263	0.52423	0.611133	0.720642	0.516993	0.567356	0.642611	0.587463	0.411894
0.760398	0.601631	0.4471	0.714605	0.680116	0.527257	0.696659	0.579264	0.635391	0.628643
0.580202	0.466328	0.517188	0.559132	0.725821	0.567405	0.56382	0.547787	0.572893	0.513596
0.57024	0.511379	0.523442	0.58299	0.650653	0.60971	0.586406	0.576552	0.431256	0.509636
0.644245	0.709409	0.614184	0.563453	0.522549	0.622453	0.644886	0.632243	0.571998	0.647725

0.777372	0.819653	0.696176	0.4482	0.425704	0.635581	0.722516	0.679835	0.832153	0.699458
0.50858	0.699536	0.601749	0.556561	0.678945	0.688969	0.569134	0.581081	0.669812	0.575962
0.510916	0.603584	0.586917	0.827767	0.575398	0.400047	0.670001	0.63636	0.469046	0.538152
0.627583	0.836048	0.740561	0.788136	0.728435	0.594524	0.798583	0.800255	0.646918	0.657591
0.567563	0.611481	0.598929	0.604401	0.674293	0.759291	0.697856	0.654308	0.593055	0.625542
0.532532	0.642448	0.668922	0.554855	0.500289	0.715254	0.651299	0.575652	0.43974	0.766665
0.745401	0.67811	0.634038	0.437023	0.469624	0.785995	0.641714	0.575652	0.651187	0.806959
0.684252	0.614481	0.663453	0.547259	0.534122	0.553606	0.394626	0.54359	0.624162	0.508848
0.640019	0.578864	0.514866	0.594029	0.723224	0.439323	0.487335	0.628164	0.630251	0.553581
0.732203	0.759639	0.625987	0.594962	0.658391	0.541881	0.626195	0.751779	0.692798	0.617381
0.647442	0.593909	0.582385	0.42803	0.480593	0.530465	0.549106	0.603505	0.524632	0.58151
0.464307	0.420993	0.533801	0.447534	0.400968	0.583472	0.567356	0.690247	0.530278	0.479921
0.557883	0.505095	0.682335	0.663605	0.412843	0.679792	0.59578	0.594021	0.6323	0.630722
0.645308	0.515353	0.485035	0.565193	0.501842	0.613591	0.60633	0.63122	0.581029	0.557086
0.562256	0.587263	0.537038	0.485013	0.518489	0.554456	0.420422	0.581081	0.645858	0.597624
0.598921	0.519364	0.510259	0.580274	0.548603	0.598271	0.695466	0.670785	0.652261	0.611359
0.640019	0.585382	0.363816	0.4938	0.700521	0.567405	0.552523	0.63122	0.53109	0.60739
0.6018	0.442056	0.438597	0.504281	0.597122	0.506967	0.450551	0.511401	0.411051	0.481396
0.537485	0.457154	0.583287	0.574891	0.563583	0.631499	0.42296	0.551174	0.518268	0.68035
0.663788	0.588206	0.478596	0.577574	0.602972	0.523281	0.492533	0.624124	0.799267	0.518398
0.559627	0.787115	0.539483	0.422974	0.514467	0.495678	0.575418	0.58658	0.670933	0.547516
0.432527	0.539148	0.658052	0.574	0.530784	0.38655	0.59578	0.687911	0.610278	0.419516
0.351295	0.402748	0.54112	0.521281	0.529953	0.317265	0.432614	0.496159	0.574688	0.456972
0.459424	0.470628	0.354112	0.460356	0.592306	0.452573	0.446501	0.514515	0.49296	0.392198
0.481478	0.409579	0.41959	0.411807	0.407803	0.501662	0.449197	0.295777	0.356074	0.52244
0.44644	0.407705	0.32824	0.437673	0.441658	0.391197	0.393435	0.38917	0.352285	0.482135
0.434488	0.450226	0.393135	0.362094	0.393632	0.456628	0.389293	0.450021	0.517479	0.461889
0.4072	0.443407	0.295824	0.34391	0.375815	0.382524	0.458768	0.467191	0.416639	0.336371
0.476399	0.374139	0.384473	0.482123	0.463885	0.291911	0.344556	0.443339	0.446381	0.378573
0.445096	0.48752	0.41897	0.37428	0.420514	0.385972	0.412894	0.488734	0.469046	0.452109
0.491818	0.501214	0.506456	0.325953	0.463173	0.369552	0.36412	0.447336	0.3801	0.517594
0.512481	0.506658	0.47506	0.43122	0.543437	0.371222	0.286918	0.417592	0.457223	0.485106
0.542496	0.502762	0.398417	0.336638	0.381084	0.47536	0.416642	0.402846	0.458597	0.428581
0.372915	0.436028	0.425205	0.446206	0.380495	0.4854	0.388704	0.465095	0.324121	0.264368
0.516418	0.467757	0.428989	0.462415	0.494133	0.482507	0.369714	0.445999	0.34693	0.325399
0.445096	0.465615	0.528192	0.458988	0.410946	0.486126	0.343495	0.456125	0.445712	0.340625
0.441087	0.399067	0.382761	0.474274	0.529953	0.370108	0.375381	0.445333	0.439081	0.380912
0.518797	0.469909	0.494507	0.558274	0.616938	0.481787	0.569134	0.529617	0.523831	0.471172
0.516418	0.570625	0.6084	0.454911	0.4972	0.605863	0.562063	0.495411	0.559664	0.39643
0.443755	0.531623	0.559548	0.315525	0.409058	0.563046	0.485126	0.332711	0.389978	0.385628
0.545868	0.492037	0.392552	0.457625	0.464598	0.444575	0.365233	0.414479	0.389391	0.366496
0.513266	0.596789	0.455098	0.481404	0.5034	0.513109	0.379393	0.419471	0.486307	0.435839
0.471379	0.518559	0.372629	0.413034	0.382263	0.383097	0.404884	0.520018	0.49595	0.36593
0.582959	0.531623	0.480732	0.479252	0.464598	0.394127	0.507738	0.469298	0.481927	0.435839
0.585733	0.512964	0.582385	0.560855	0.452629	0.423939	0.502356	0.532051	0.553625	0.536471
0.439759	0.547666	0.563847	0.477824	0.357027	0.361296	0.482198	0.390342	0.43974	0.569579
0.334846	0.485279	0.538666	0.405122	0.35094	0.473238	0.528335	0.461623	0.54767	0.529812

0.479294	0.379946	0.499694	0.534888	0.480593	0.551911	0.570026	0.616153	0.62015	0.618393
0.538316	0.516953	0.472952	0.499758	0.438958	0.578949	0.496285	0.402243	0.354988	0.460478
0.580202	0.437361	0.323245	0.438323	0.506533	0.471127	0.370842	0.559759	0.581942	0.409382
0.656083	0.636075	0.544413	0.634016	0.518489	0.620468	0.583633	0.781076	0.683457	0.601504
0.453225	0.632924	0.751072	0.597772	0.557352	0.711575	0.694275	0.51608	0.643744	0.784114
0.434488	0.530795	0.569939	0.603448	0.566281	0.573583	0.572714	0.341014	0.505813	0.658701
0.514839	0.520979	0.577899	0.451542	0.598091	0.538589	0.514758	0.423887	0.610278	0.63914
0.489581	0.553729	0.551914	0.574	0.516876	0.613591	0.604393	0.447336	0.483382	0.528987
0.470667	0.328204	0.466688	0.539794	0.489573	0.455272	0.412273	0.467892	0.496701	0.459072
0.430575	0.495837	0.563847	0.49454	0.501065	0.45392	0.315775	0.577454	0.651187	0.638079
0.745401	0.710659	0.495244	0.649616	0.553831	0.598271	0.560313	0.667439	0.719573	0.536471
0.879331	0.76956	0.760482	0.653873	0.666269	0.649118	0.596728	0.529617	0.548515	0.583375
0.646374	0.606528	0.691514	0.674681	0.595189	0.570925	0.624167	0.487264	0.501993	0.732421
0.456658	0.615485	0.586007	0.499758	0.541728	0.615545	0.638566	0.518438	0.633328	0.55184
0.557014	0.719512	0.662367	0.642266	0.533285	0.643861	0.62518	0.575652	0.437112	0.494143
0.50088	0.516953	0.577899	0.479252	0.536643	0.524073	0.459459	0.486531	0.536821	0.583375
0.586662	0.531623	0.503438	0.379365	0.609899	0.57985	0.511624	0.63636	0.814617	0.606404
0.669376	0.670054	0.79146	0.72962	0.677777	0.619479	0.616149	0.581081	0.636426	0.687418
0.516418	0.516953	0.568189	0.693013	0.513667	0.426466	0.515545	0.637396	0.548515	0.576882
0.538316	0.380531	0.390808	0.504281	0.501842	0.469725	0.564701	0.525592	0.483382	0.59956
0.545868	0.597753	0.588744	0.565193	0.515269	0.66309	0.651299	0.592149	0.543465	0.703136
0.503176	0.558994	0.6084	0.575784	0.678945	0.563046	0.528335	0.655387	0.54767	0.492624
0.396867	0.463484	0.485756	0.342341	0.407177	0.46763	0.523494	0.519227	0.540962	0.441195
0.518003	0.607515	0.44644	0.389137	0.443694	0.595457	0.637521	0.475681	0.642691	0.442545
0.625544	0.73512	0.647448	0.575784	0.582831	0.492716	0.55944	0.522398	0.433849	0.500274
0.533354	0.545093	0.54112	0.578472	0.745814	0.52249	0.711246	0.703321	0.509667	0.535633
0.579287	0.620542	0.628989	0.610165	0.644129	0.482507	0.730196	0.603505	0.529467	0.724589
0.579287	0.594867	0.719035	0.742542	0.676613	0.55616	0.718727	0.781076	0.615186	0.574129
0.693666	0.486772	0.52502	0.528432	0.442336	0.473238	0.370842	0.460932	0.439081	0.484362
0.547565	0.537465	0.618083	0.550619	0.500289	0.362935	0.439833	0.402243	0.475439	0.405642
0.495571	0.668916	0.668922	0.534076	0.513667	0.203504	0.573613	0.622117	0.567553	0.624514
0.543337	0.523412	0.499694	0.559993	0.641976	0.372339	0.45464	0.542756	0.543465	0.487348
0.572934	0.514555	0.412823	0.526035	0.754076	0.624447	0.459459	0.641563	0.486307	0.4866
0.539149	0.382879	0.513325	0.599656	0.533285	0.554456	0.710011	0.622117	0.550212	0.624514
0.632722	0.496601	0.515639	0.548097	0.512869	0.510796	0.555104	0.608327	0.525434	0.493383
0.408432	0.477892	0.175992	0.34391	0.306581	0.483951	0.553382	0.536959	0.455169	0.497965
0.430575	0.450914	0.279806	0.463794	0.379908	0.570925	0.531592	0.545264	0.586538	0.729795
0.477844	0.592953	0.5403	0.669108	0.582831	0.366783	0.459459	0.523992	0.668694	0.567772
0.644245	0.606528	0.642241	0.680327	0.74718	0.483229	0.507738	0.715558	0.644799	0.451419
0.558754	0.48827	0.556138	0.754509	0.711724	0.439323	0.545715	0.519227	0.410435	0.386221
0.556146	0.574268	0.492303	0.739926	0.838179	0.69013	0.573613	0.524791	0.552769	0.351995
0.700862	0.710659	0.550236	0.461727	0.548603	0.686656	0.538181	0.572962	0.489251	0.371058
0.6145	0.539148	0.565579	0.482123	0.379908	0.46624	0.582712	0.559759	0.43061	0.340625
0.520391	0.386425	0.547731	0.516578	0.396063	0.557871	0.788129	0.705741	0.669812	0.805398
0.546716	0.64783	0.618083	0.688357	0.743095	0.670804	0.616149	0.676419	0.781536	0.617381
0.513266	0.57702	0.519523	0.487193	0.552955	0.56653	0.566469	0.582907	0.728451	0.50493
0.429279	0.495837	0.441848	0.467259	0.546874	0.536952	0.615157	0.572069	0.715823	0.52001

0.564901	0.688691	0.49157	0.653873	0.615925	0.704308	0.523494	0.694956	0.692798	0.67802
0.506255	0.692276	0.650602	0.574891	0.546874	0.445898	0.530776	0.548631	0.562278	0.589966
0.485879	0.499671	0.576117	0.506561	0.537486	0.351059	0.589197	0.539434	0.427395	0.557966
0.582038	0.521788	0.640176	0.658171	0.925741	0.542708	0.522693	0.541092	0.536821	0.676859
0.659369	0.720791	0.692675	0.764051	0.788792	0.705511	0.467142	0.644714	0.540962	0.586188
0.491818	0.468473	0.6869	0.525239	0.54947	0.796262	0.550811	0.564992	0.573789	0.553581
0.566674	0.594867	0.413434	0.458988	0.66175	0.567405	0.482928	0.263488	0.310206	0.433186
0.624529	0.556353	0.49157	0.511926	0.504181	0.604907	0.56294	0.490948	0.47401	0.427928
0.516418	0.602606	0.487202	0.571339	0.467463	0.57805	0.462237	0.62918	0.54013	0.439179
0.569346	0.570625	0.414046	0.713377	0.707957	0.567405	0.617143	0.718048	0.771517	0.659814
0.699655	0.802306	0.539483	0.594029	0.778377	0.738011	0.694275	0.62918	0.760344	0.747157
0.752154	0.755455	0.668922	0.461041	0.579098	0.711575	0.766541	0.67303	0.713341	0.629681
0.633757	0.654379	0.6869	0.541442	0.501842	0.744549	0.619139	0.769681	0.740138	0.575045
0.550977	0.680439	0.597993	0.502014	0.820005	0.747193	0.477843	0.568516	0.597771	0.736391
0.59322	0.701983	0.79882	0.727081	0.81358	0.817555	0.710011	0.542756	0.603499	0.66093
0.589461	0.722074	0.69735	0.557416	0.554709	0.625447	0.55944	0.886762	0.67772	0.56418
0.857975	0.710659	0.531388	0.652805	0.848422	0.560451	0.632336	0.817173	0.642691	0.701907
1.094446	0.906653	0.765953	0.912046	0.929889	0.96675	0.860191	0.786888	0.814617	1.015746
0.67847	0.861864	1.059398	0.608235	0.590394	0.741922	0.860191	0.844687	0.858994	0.956718
0.510136	0.683956	0.668922	0.627929	0.615925	0.791832	0.806207	0.66633	0.940619	0.718169
0.658271	0.802306	0.900371	0.768205	0.87514	0.83505	0.858453	0.737187	1.079737	0.984052
0.637922	0.715695	1.139359	1.039499	0.81358	0.745869	0.823467	0.724334	0.723356	0.735063
0.652823	0.598719	0.439895	0.689516	0.709209	0.849908	0.759576	0.829904	0.765894	0.524067
0.896066	0.816447	0.527397	0.805979	0.921633	1.051416	0.717471	1.004448	0.799267	0.743088
1.306273	1.268979	1.018143	0.912046	0.909534	0.922886	0.789607	0.705741	0.644799	0.918694
0.526015	0.854828	0.860954	0.788136	0.680116	0.734134	0.838117	0.697329	0.857267	0.96564
0.611536	0.776789	0.921508	0.712152	0.562687	0.744549	0.794072	0.639474	1.213433	0.867254
0.666015	1.205878	1.271334	1.141558	0.850153	0.955897	0.927917	0.89795	0.891318	0.849649
0.925477	0.76528	0.854156	0.912046	0.81358	0.984698	0.860191	0.776768	0.814617	0.826142
0.804144	0.874457	0.615155	0.490851	0.810403	0.788904	0.604393	0.903654	0.800778	0.79921
0.709412	0.74045	0.740561	0.479252	0.871481	0.806778	0.582712	0.549477	0.633328	0.749891
0.669376	0.617501	0.702076	0.496769	0.523366	0.613591	0.604393	0.541092	0.603499	0.533962
0.523595	0.381703	0.453755	0.586639	0.541728	0.592662	0.626195	0.442015	0.637464	0.791596
0.530077	0.650002	0.462562	0.477824	0.538331	0.775964	0.549958	0.48071	0.599672	0.752642
0.470667	0.544239	0.484314	0.474982	0.559123	0.532886	0.638566	0.552025	0.511218	0.523253
0.357284	0.450226	0.573458	0.414264	0.413477	0.448555	0.561187	0.463703	0.414768	0.363107
0.424133	0.493553	0.456446	0.44028	0.463173	0.37402	0.489555	0.516865	0.48999	0.516792
0.464307	0.454369	0.4471	0.374842	0.50969	0.488312	0.564701	0.436758	0.479753	0.512008
0.479294	0.269559	0.463247	0.463104	0.397284	0.368997	0.398219	0.341539	0.421668	0.458371
0.57474	0.465615	0.549399	0.701283	0.414748	0.425201	0.465033	0.325574	0.401894	0.533129
1.046324	0.818047	0.678943	0.821429	0.534961	0.581657	0.569134	0.556304	0.407977	0.516792
1.173787	1.046985	0.871354	1.031772	1.06014	0.709139	0.497795	0.564992	0.435803	0.450042
1.341816	1.930327	1.36434	0.990407	1.175435	1.218781	0.844791	0.470708	0.541795	0.484362
2.173987	1.353078	1.840807	2.029023	1.389049	1.4016	1.747477	0.985554	0.885761	0.705606
1.15713	1.342921	1.332764	1.392592	1.1108	1.243005	2.203102	1.899312	0.970887	0.87817
1.749819	1.04971	0.975981	2.410047	1.307276	0.74852	1.928161	1.351471	1.125188	1.165204
1.204227	1.209811	1.271334	2.112692	2.516393	1.247177	1.685007	2.976226	2.180868	1.158126

1.040998	1.382126	1.221437	0.869619	1.038201	1.087605	1.282345	2.057584	1.334838	1.46014
0.730905	0.775333	0.891094	0.967796	0.735037	0.532886	1.448603	0.833146	1.209536	1.330486
1.115923	0.891204	1.280238	1.845554	1.699784	1.207158	1.00332	0.950067	1.715028	1.45316
0.756257	1.190493	0.835994	1.083205	1.201902	0.899677	1.025683	0.87228	1.233457	0.735063
0.582038	0.918611	0.703266	0.807499	0.890091	0.79478	0.775047	0.923227	0.87846	0.662048
0.638969	0.675793	0.677818	1.193896	1.348967	1.149932	0.800097	1.169904	1.510721	1.278734
1.007884	0.836048	0.847464	0.804464	0.838179	0.87408	0.55944	0.699716	0.898839	1.069524
0.642127	0.644593	0.532191	0.547259	0.755468	0.939078	0.804671	0.547787	0.584694	0.779686
0.721926	0.493553	0.591498	0.638121	0.597122	0.612618	0.735392	0.407706	0.670933	0.847927
0.849377	0.76956	1.02309	1.019191	0.542582	0.478205	0.655627	0.626139	1.005843	0.797676
0.74809	0.972318	0.761844	0.727081	0.705464	0.785995	0.529961	0.407706	0.765894	0.662048
0.309071	0.768129	0.691514	0.644353	0.976018	0.799241	0.807748	0.679835	0.446381	0.556207
0.704506	0.720791	0.597993	0.859201	0.710465	0.720209	1.060165	0.868733	0.794766	1.041803
1.020323	1.095795	1.136119	0.866118	0.706709	0.83505	0.87797	0.584739	0.651187	0.803843
0.512481	0.699536	0.639147	0.791059	0.718075	0.413978	0.553382	0.611245	0.635391	0.600531
0.719394	0.703212	0.515639	0.758573	0.670836	0.318745	0.636479	0.726875	0.672057	0.643412
0.897966	0.887427	0.797338	0.712152	0.788792	0.793304	0.642769	0.619125	0.527849	0.590916
0.641072	0.594867	0.588744	0.361003	0.512869	0.73285	0.849864	0.512177	0.591183	0.685049
0.478569	0.65548	0.709264	0.549776	0.653953	1.051416	0.894617	0.608327	0.699938	0.854856
0.83928	0.854828	0.779938	0.83097	1.086223	1.09345	0.813967	0.901745	0.77865	0.837736
0.824561	0.530795	0.499694	0.952641	0.699293	0.613591	0.688371	0.433504	0.542629	0.631765
0.596061	0.616492	0.554444	0.560855	0.589441	0.605863	0.430019	0.546945	0.618157	0.595697
0.720658	0.737777	0.6869	0.580274	0.869663	0.799241	0.632336	1.024201	0.984534	1.041803
0.644245	0.664391	0.857542	0.864379	0.893911	0.712798	0.695466	0.617142	0.90074	0.974748
0.677323	0.653281	0.81856	0.798455	0.784298	0.76616	0.82507	0.699716	0.666467	0.972453
0.709412	0.683956	0.892933	0.578472	0.553831	0.920904	0.806207	0.617142	0.850427	1.260583
0.787588	0.889311	0.894781	0.72962	0.871481	0.714024	0.872559	0.798749	0.874855	0.869054
1.068307	0.605545	0.771493	0.601548	0.560902	0.657663	0.801616	0.496908	0.816182	0.745797
0.663788	1.052451	0.842511	0.758573	0.66175	0.731569	0.88529	0.595901	0.977657	1.0234
0.84262	1.598448	0.864393	0.883911	0.805681	0.846562	0.896507	0.789823	0.869504	0.837736
1.059933	0.914589	0.777105	0.779482	0.848422	0.817555	0.906081	1.077912	0.852127	0.821266
0.662679	0.695891	0.885621	0.906272	0.765342	0.619479	1.094623	0.849729	0.469752	0.796148
0.822956	0.711913	0.923482	1.106827	1.014776	1.143281	0.838117	0.761327	0.918234	0.776758
0.872095	0.844484	0.676696	0.669108	0.718075	0.856678	0.578139	0.628164	0.959833	0.724589
0.509357	0.543386	0.644316	0.75586	0.686019	0.629472	0.800097	0.72307	0.680006	0.958931
0.514839	0.433376	0.619063	0.794002	0.983026	0.975631	0.963984	0.789823	0.598721	0.686232
0.575646	0.910603	0.907939	0.688357	0.907551	0.819117	0.82668	0.711851	0.59025	0.348716
0.488838	0.737777	0.779938	0.656017	0.628235	0.546867	0.552523	0.789823	0.8273	0.435175
0.514839	0.739112	0.619063	0.762675	0.81839	0.756573	0.619139	1.077912	1.060052	0.94367
0.909544	0.945709	1.028095	0.754509	1.389049	1.445633	1.145283	0.598737	0.568438	0.842802
0.781721	0.73512	0.407365	0.581177	0.54947	0.620468	0.639613	0.576552	0.303893	0.437172
0.759013	0.588206	0.441848	0.652805	0.594226	0.448555	0.450551	0.509852	0.553625	0.382675
0.706952	0.683956	0.55784	0.728349	0.671985	0.500909	0.668879	0.67303	0.65767	0.736391
0.383268	0.695891	0.641207	0.499009	0.560011	0.625447	0.522693	0.576552	0.695165	0.513596
0.660469	0.691077	0.443155	0.538973	0.639833	0.536952	0.626195	0.458178	0.551063	0.536471
0.380367	0.74045	0.634038	0.666899	0.575398	0.576258	0.719986	0.622117	0.993876	0.924805
0.495571	0.706919	0.889262	0.845687	0.530784	0.52966	0.745975	0.901745	0.731021	0.842802

0.666015	0.55112	0.625987	0.573112	0.446424	0.526459	0.713725	0.745085	0.712106	0.72201
0.504713	0.719512	0.647448	0.426127	0.729747	0.87408	0.654541	0.836412	0.918234	0.908697
0.675037	0.800762	0.710473	0.607273	0.715524	0.80224	0.731489	0.718048	0.750797	0.79921
0.594165	0.394812	0.551914	0.618956	0.539178	0.594524	0.54656	0.747751	0.712106	0.695811
0.573836	0.302514	0.479307	0.596833	0.53245	0.635581	0.759576	0.581993	0.559664	0.763824
0.84262	0.632924	0.820116	0.656017	0.50969	0.831817	0.970672	0.911378	0.651187	0.582442
0.946253	0.813264	0.625987	0.715836	0.756865	0.730292	0.524297	0.704529	0.744104	0.606404
0.774496	0.625658	0.650602	0.635038	0.517682	0.581657	0.651299	0.678693	0.865972	0.79921
0.518003	0.599688	0.803296	0.626923	0.725821	0.926878	0.517914	0.768277	0.746769	0.632811
0.657176	0.650002	0.6869	0.719552	0.784298	0.688969	0.508512	0.526394	0.630251	0.547516
0.460118	0.772437	0.570816	0.5058	0.763918	0.588043	0.47068	0.435453	0.487776	0.524067
0.523595	0.579789	0.410996	0.534888	0.815177	0.520126	0.464333	0.866971	0.787366	0.718169
0.697249	0.572443	0.885621	0.741232	0.815177	0.895927	0.654541	0.747751	0.643744	0.79921
0.456658	0.536626	0.648496	0.470051	0.621012	0.500909	0.672256	0.703321	0.62923	0.464014
0.600838	0.48305	0.430894	0.47569	0.491847	0.313342	0.650223	0.535317	0.517479	0.470451
0.742729	0.793127	0.680071	0.597772	0.582831	0.562179	0.510065	0.426431	0.497453	0.398868
0.561378	0.460659	0.451081	0.472157	0.622036	0.619479	0.693088	0.454761	0.345336	0.558849
0.4358	0.381117	0.428989	0.341819	0.530784	0.562179	0.466438	0.494664	0.310695	0.536471
0.469955	0.577941	0.487202	0.408756	0.592306	0.43349	0.410414	0.502952	0.505047	0.516792
0.392683	0.35551	0.552756	0.560855	0.439632	0.395305	0.382861	0.303878	0.244515	0.24982
0.305163	0.202089	0.436014	0.410584	0.373494	0.309454	0.278166	0.371392	0.347996	0.238269
0.422855	0.270467	0.409782	0.389137	0.495664	0.384245	0.378818	0.483611	0.424204	0.415688
0.419679	0.385832	0.455098	0.4482	0.261836	0.35373	0.345088	0.304359	0.298623	0.356405
0.38795	0.263705	0.235018	0.356127	0.347656	0.194499	0.353143	0.395657	0.376097	0.336901
0.313014	0.367272	0.280256	0.383936	0.416662	0.354803	0.36579	0.39093	0.555342	0.618393
0.312519	0.426814	0.455098	0.361003	0.287651	0.3056	0.331987	0.313606	0.385302	0.459775
0.298408	0.384648	0.293499	0.319963	0.382854	0.309938	0.274533	0.271004	0.24959	0.306222
0.314999	0.334476	0.306204	0.285206	0.40843	0.443915	0.401236	0.397443	0.371567	0.262132
0.310053	0.396024	0.383331	0.29774	0.318653	0.40726	0.427439	0.264805	0.37326	0.274804
0.224209	0.287138	0.264792	0.320459	0.364899	0.22847	0.288783	0.407706	0.355531	0.34116
0.217004	0.274117	0.345664	0.352372	0.35149	0.410911	0.381124	0.448006	0.415391	0.546656
0.360587	0.306939	0.488653	0.379934	0.268148	0.304642	0.331987	0.318055	0.286415	0.368771
0.191191	0.292841	0.32824	0.33407	0.330023	0.330774	0.339275	0.210728	0.353905	0.314696
0.163305	0.339773	0.280256	0.38624	0.357584	0.406654	0.216615	0.298144	0.330224	0.321291
0.19646	0.385239	0.305726	0.301049	0.3632	0.28867	0.264696	0.214235	0.318601	0.271601
0.333806	0.361631	0.300983	0.203297	0.300668	0.309454	0.309848	0.343115	0.185996	0.386815
0.397468	0.424865	0.461878	0.377098	0.405928	0.449222	0.45464	0.423254	0.246623	0.287383
0.462906	0.415883	0.278908	0.267717	0.330023	0.400644	0.273178	0.302917	0.266063	0.287856
0.325064	0.408953	0.363816	0.255582	0.315097	0.516993	0.3575	0.275937	0.363751	0.370485
0.409667	0.511379	0.397827	0.41242	0.424401	0.436073	0.389293	0.377618	0.287342	0.394611
0.406585	0.41335	0.400785	0.2875	0.468902	0.375144	0.405494	0.342063	0.32818	0.248954
0.370647	0.391198	0.40257	0.389718	0.456816	0.366231	0.484392	0.455442	0.426116	0.379741
0.620489	0.635022	0.495983	0.602497	0.65175	0.500158	0.45464	0.460932	0.636426	0.507276
0.432527	0.455759	0.468072	0.486465	0.489573	0.494935	0.422324	0.346816	0.464837	0.479921
0.457348	0.452984	0.407968	0.503524	0.441658	0.574473	0.597679	0.481434	0.511218	0.545798
0.501644	0.511379	0.620045	0.506561	0.614915	0.451901	0.493281	0.494664	0.47831	0.497198
0.418415	0.460659	0.490109	0.463104	0.494133	0.594524	0.434571	0.360846	0.443048	0.514393

0.27738	0.477892	0.394303	0.526035	0.477641	0.494935	0.405494	0.576552	0.524632	0.560619
0.531712	0.512964	0.59242	0.627929	0.3632	0.589885	0.596728	0.593084	0.729734	0.533962
0.514839	0.545949	0.596127	0.498261	0.390611	0.414594	0.547407	0.466491	0.488513	0.538152
0.417154	0.407083	0.486479	0.44687	0.42898	0.47536	0.476401	0.532865	0.619152	0.502596
0.439097	0.368979	0.431531	0.670217	0.684832	0.648061	0.61318	0.609297	0.65876	0.625542
0.529261	0.489773	0.404961	0.520494	0.48506	0.482507	0.491787	0.48071	0.524632	0.623487
0.356189	0.457154	0.454426	0.386818	0.368317	0.423939	0.477843	0.385092	0.511218	0.575045
0.34699	0.371838	0.476471	0.416735	0.563583	0.45392	0.582712	0.555445	0.811503	0.802293
0.359483	0.393604	0.493771	0.458988	0.423101	0.480351	0.426155	0.518438	0.549363	0.49111
0.354552	0.366705	0.275781	0.34918	0.365466	0.372339	0.279536	0.343642	0.416015	0.401319
0.454595	0.394812	0.277119	0.407541	0.321211	0.368442	0.362455	0.409543	0.37326	0.456972
0.546716	0.471349	0.370963	0.377098	0.429638	0.481787	0.474964	0.364702	0.338497	0.394007
0.368954	0.328723	0.417117	0.397945	0.325336	0.261409	0.497039	0.324564	0.335376	0.3152
0.448464	0.397847	0.412213	0.365384	0.416662	0.422054	0.373673	0.382778	0.433199	0.587129
0.545023	0.537465	0.492303	0.345484	0.323785	0.524867	0.432614	0.402846	0.417891	0.485852
0.315497	0.300076	0.347761	0.342341	0.250789	0.390613	0.283211	0.347347	0.30149	0.293572
0.326083	0.273201	0.333292	0.396169	0.393026	0.409082	0.438511	0.52081	0.533537	0.55271
0.460813	0.424217	0.499694	0.465869	0.384039	0.322219	0.418528	0.475681	0.470459	0.430549
0.386188	0.268201	0.413434	0.602497	0.49337	0.403038	0.466438	0.410157	0.4223	0.377991
0.280585	0.422925	0.352515	0.454911	0.496431	0.471127	0.416642	0.398638	0.559664	0.41696
0.419679	0.67695	0.680071	0.609199	0.496431	0.239449	0.345088	0.385092	0.398884	0.341695
0.322526	0.420351	0.356786	0.329992	0.460336	0.316281	0.323299	0.277745	0.331249	0.364234
0.431225	0.404601	0.324738	0.283835	0.49337	0.361296	0.472103	0.392696	0.455169	0.537311
0.445096	0.451603	0.418352	0.401519	0.47107	0.424569	0.421689	0.384512	0.557066	0.408757
0.455281	0.330807	0.314884	0.469352	0.409058	0.415211	0.369151	0.350549	0.305342	0.32078
0.333287	0.484535	0.41959	0.411195	0.331597	0.643861	0.592946	0.424522	0.404925	0.567772
0.484407	0.806968	0.896636	0.783787	0.544293	0.536135	0.593889	0.59496	0.523032	0.565972
0.550977	0.920637	0.663453	0.789595	0.657277	0.553606	0.532411	0.463008	0.638505	0.60248
0	0.275489	1.358915	1.298173	1.460619	0.989304	0.948768	1.251268	1.439318	1.018282
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0.238712	1.047709	1.173157	1.716972	1.649621	1.290386	2.735811	0.479917	0.239958	0
0.95485	1.140568	1.497434	4.183346	1.582269	1.749319	0.998503	1.039628	0.959833	1.348999
1.749819	1.247063	1.265767	1.128605	0.938306	0.937021	1.00332	0.617142	0.53109	0.739057
1.975475	1.284471	1.353558	0.573112	0.470346	0.455272	0.738014	0.591216	0.682304	0.73374
0.851083	1.321878	1.117173	0.547259	0.308071	0.720209	0.657808	0.582907	0.530278	0.575962
0.690111	0.679273	0.759126	0.629948	0.434273	0.525662	0.531592	0.36692	0.433199	0.358628
0.390902	0.438697	0.477178	0.437023	0.50732	0.426466	0.433918	0.371955	0.506581	0.356405
0.374623	0.375295	0.347761	0.4482	0.622036	0.642817	0.566469	0.570289	0.62015	0.508061
0.638969	0.587263	0.451081	0.554855	0.636639	0.538589	0.379393	0.466491	0.389978	0.369342
0.495571	0.403982	0.362184	0.47569	0.388809	0.505444	0.429373	0.363596	0.457909	0.376827
0.435143	0.438697	0.241141	0.458988	0.409686	0.569161	0.60536	0.40164	0.447722	0.458371

[illegible]

200	201	202	203	204	205	206	207	208	209
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.109133	0.054567	0	0	0	0	0	0	0	0
1.455079	0.879745	1.698705	1.175723	1.855275	0	0	0	0	0
0.961381	0.751879	1.250322	1.713462	1.101124	1.071729	0.987818	1.437587	1.767459	1.742437
0.962935	1.000163	1.204739	1.182998	1.088958	0.938155	1.037482	1.096182	1.782242	0.959813
0.510126	0.511272	0.828744	0.748431	0.712159	0.850362	0.698342	0.78955	0.980673	1.076524
0.873847	0.757316	1.200823	0.580789	0.575969	0.925086	1.042868	0.615599	0.537934	1.065034
0.644292	0.7769	0.790735	0.955627	0.820297	0.82749	0.863394	0.741447	0.55098	0.780177
0.489698	0.565782	0.437207	0.538996	0.609444	0.53634	0.490821	0.437933	0.60547	0.50195
0.577894	0.57828	0.384147	0.800911	0.713421	0.50998	0.573477	0.673408	0.69892	0.401365
0.623688	0.803451	0.462094	0.659358	0.625651	0.605572	0.615952	0.604711	0.590709	0.483732
0.548997	0.583749	0.576165	0.500874	0.388312	0.602499	0.490821	0.280962	0.482507	0.592091
0.467372	0.317814	0.644131	0.733583	0.463117	0.363005	0.661908	0.525412	0.486295	0.503503
0.57699	0.544322	0.556273	0.657127	0.636096	0.619148	0.827288	0.690932	0.40093	0.464821
0.344657	0.668557	0.57248	0.384419	0.386523	0.525091	0.503159	0.554023	0.436063	0.421504
0.484556	0.619083	0.436536	0.481139	0.543179	0.399171	0.314537	0.455599	0.445655	0.446017
0.671503	0.615122	0.478036	0.738924	0.5518	0.452133	0.422707	0.574505	0.424033	0.47636
0.575186	0.528693	0.475093	0.484118	0.426383	0.553325	0.538166	0.468979	0.309919	0.540006
0.682883	0.422434	0.317065	0.533101	0.579666	0.324208	0.422058	0.544559	0.493196	0.347638
0.543107	0.517526	0.500763	0.555409	0.721067	0.46015	0.490061	0.585588	0.523608	0.464821
0.507808	0.533568	0.527218	0.503209	0.494004	0.561608	0.567994	0.450087	0.442205	0.382708
0.36138	0.547685	0.534722	0.383826	0.507159	0.598434	0.713309	0.483522	0.554526	0.597853
0.53401	0.546842	0.58269	0.597923	0.467397	0.556986	0.635661	0.503188	0.508136	0.384479
0.609825	0.348185	0.37707	0.461553	0.449147	0.516631	0.511052	0.500873	0.391655	0.41321
0.473736	0.4587	0.502321	0.328233	0.498601	0.574815	0.37651	0.345882	0.420096	0.439255
0.396297	0.482735	0.475093	0.37502	0.552672	0.452856	0.588446	0.489479	0.521128	0.454969
0.420817	0.297419	0.457142	0.409478	0.377104	0.340093	0.460718	0.477646	0.335493	0.422795
0.358639	0.49527	0.510198	0.46583	0.336019	0.371318	0.494639	0.452145	0.270229	0.439926
0.350518	0.379693	0.427244	0.501651	0.378855	0.598434	0.550201	0.549696	0.418792	0.461983

0.383957	0.432675	0.376486	0.341479	0.295581	0.40691	0.387158	0.442619	0.409132	0.348181
0.463876	0.469845	0.500763	0.327191	0.307322	0.394087	0.412431	0.299924	0.421405	0.49123
0.410226	0.316325	0.43386	0.538149	0.544034	0.462362	0.555463	0.492488	0.632307	0.472721
0.50627	0.421171	0.423322	0.418376	0.423781	0.304234	0.422058	0.417134	0.445655	0.529968
0.486752	0.417402	0.42008	0.478181	0.417985	0.261228	0.559006	0.568169	0.430006	0.317718
0.600188	0.538498	0.883345	0.685877	0.611437	0.424167	0.608911	0.454906	0.396577	0.380358
0.363586	0.368935	0.589315	0.68469	0.648971	0.645385	0.666441	0.665465	0.582088	0.6217
0.390377	0.437233	0.424625	0.367529	0.316847	0.653345	0.559897	0.507855	0.371337	0.371083
0.654973	0.76006	0.727356	0.577997	0.528906	0.868814	0.784882	0.492488	0.566256	0.48972
0.6496	0.601534	0.679037	0.95342	0.730161	0.759418	0.982256	0.909392	0.761569	0.524218
0.614726	0.4069	0.348764	0.629117	0.724941	0.469068	0.627254	0.721809	0.531978	0.371083
0.550695	0.417402	0.739313	0.624964	0.328665	0.412147	0.753151	0.783607	0.450532	0.534958
0.785118	0.607305	0.680211	0.699156	0.66224	0.837897	0.814286	0.807886	0.721858	0.63624
0.617693	0.531936	0.576165	0.520734	0.373624	0.584501	0.538166	0.483522	0.512154	0.573417
0.299463	0.647874	0.574319	0.558059	0.409119	0.709635	0.661908	0.349126	0.247696	0.477825
0.324493	0.6543	0.548391	0.640748	0.618486	0.675718	0.601981	0.508638	0.540512	0.536635
0.497905	0.476959	0.426588	0.558945	0.642486	0.47894	0.558118	0.575418	0.572705	0.29692
0.460408	0.370055	0.548391	0.601825	0.544034	0.38595	0.588446	0.593136	0.372506	0.403214
0.478032	0.473387	0.596043	0.649406	0.563269	0.538978	0.607914	0.471129	0.453343	0.481507
0.434918	0.455958	0.477298	0.550159	0.443682	0.435138	0.485531	0.464709	0.645276	0.520966
0.42717	0.601534	0.512589	0.477445	0.472445	0.504243	0.435234	0.354037	0.386183	0.568871
0.600188	0.56315	0.420727	0.507131	0.544034	0.771301	0.641	0.462589	0.402181	0.687762
0.558417	0.426885	0.418147	0.489379	0.573216	0.554237	0.537319	0.430671	0.408495	0.448752
0.509352	0.293641	0.398043	0.529769	0.565061	0.365364	0.503942	0.60276	0.653024	0.509773
0.459028	0.40629	0.569736	0.660478	0.623592	0.454305	0.697118	0.543709	0.442893	0.549416
0.585199	0.467032	0.499986	0.535618	0.555297	0.545196	0.67333	0.597921	0.569929	0.419576
0.453553	0.476959	0.494585	0.472325	0.363913	0.435138	0.444018	0.404622	0.440148	0.380944
0.446806	0.482735	0.515797	0.38205	0.418625	0.422141	0.352084	0.319245	0.513772	0.517739
0.502447	0.345528	0.291348	0.507919	0.477552	0.412147	0.35043	0.323828	0.388606	0.33111
0.581531	0.419282	0.291348	0.457318	0.450524	0.328532	0.236814	0.396679	0.472076	0.344389
0.423982	0.355173	0.413033	0.354586	0.458176	0.32962	0.36726	0.435941	0.305382	0.360879
0.500928	0.346589	0.487738	0.478919	0.494004	0.414128	0.481792	0.557517	0.444272	0.545971
0.401694	0.36726	0.326334	0.369246	0.370172	0.369523	0.433898	0.397285	0.324872	0.401981
0.349982	0.243091	0.258971	0.426152	0.434946	0.533718	0.38062	0.291764	0.353045	0.369365
0.363586	0.335574	0.364388	0.509501	0.380026	0.387814	0.4099	0.405239	0.444963	0.368794
0.383378	0.283876	0.272093	0.389797	0.26574	0.297101	0.378267	0.339997	0.347483	0.362563
0.312043	0.332992	0.287047	0.395852	0.328665	0.305778	0.304521	0.337348	0.413613	0.402597
0.374218	0.292701	0.433194	0.391605	0.350015	0.428249	0.33849	0.268164	0.329089	0.427994
0.287237	0.279302	0.297636	0.262502	0.295581	0.381631	0.388958	0.290339	0.313993	0.344929
0.286311	0.206963	0.244506	0.349624	0.35166	0.2566	0.293764	0.328978	0.316559	0.305219
0.293307	0.295054	0.379416	0.284583	0.350563	0.326364	0.352637	0.305778	0.239862	0.327464
0.311552	0.261037	0.327898	0.324079	0.302391	0.255222	0.349331	0.333143	0.189423	0.206852
0.249937	0.332992	0.295206	0.312855	0.310307	0.333999	0.33529	0.316719	0.336569	0.34385
0.211675	0.352472	0.263001	0.280356	0.257704	0.276379	0.284683	0.249649	0.316044	0.32282
0.283084	0.253255	0.237663	0.313359	0.354414	0.25614	0.149259	0.233551	0.271156	0.218804
0.328044	0.270296	0.265708	0.304376	0.339209	0.32962	0.28753	0.304797	0.325397	0.290679
0.296137	0.285719	0.295691	0.317921	0.259476	0.297101	0.378267	0.205763	0.30338	0.333208

0.321974	0.335056	0.334212	0.328233	0.33023	0.327447	0.310503	0.265023	0.357546	0.403214
0.322477	0.454593	0.465666	0.356809	0.370172	0.313581	0.35043	0.26413	0.357546	0.316705
0.298986	0.402044	0.406098	0.354032	0.310307	0.280737	0.257638	0.300894	0.319658	0.274769
0.335234	0.374564	0.344401	0.462974	0.347833	0.331804	0.343877	0.402776	0.305382	0.265676
0.442807	0.393675	0.370107	0.446907	0.421841	0.400451	0.439266	0.406476	0.253888	0.378603
0.374785	0.283876	0.345488	0.411369	0.390708	0.338979	0.36898	0.369684	0.301885	0.41321
0.30862	0.365592	0.422672	0.410738	0.434282	0.397894	0.318609	0.393061	0.384374	0.435247
0.323484	0.462846	0.516603	0.47671	0.37247	0.312532	0.305016	0.394264	0.493196	0.411948
0.32298	0.345528	0.441257	0.420307	0.185718	0.213679	0.444702	0.379466	0.359246	0.349817
0.318971	0.334023	0.283732	0.448281	0.315834	0.364182	0.384174	0.407096	0.391655	0.323848
0.43557	0.526275	0.416222	0.558945	0.346745	0.459415	0.475142	0.451458	0.443582	0.416381
0.315493	0.55707	0.677866	0.457318	0.411003	0.442845	0.463564	0.364031	0.458308	0.403832
0.231607	0.356258	0.565202	0.325632	0.434282	0.493786	0.551948	0.416499	0.388606	0.4634
0.413315	0.408735	0.416222	0.327191	0.574131	0.466821	0.478085	0.56997	0.47429	0.396473
0.516367	0.615122	0.588363	0.446907	0.466681	0.559753	0.561683	0.65109	0.659777	0.494266
0.462485	0.534385	0.48548	0.593096	0.440976	0.433752	0.458595	0.527862	0.521953	0.567967
0.60498	0.421171	0.470717	0.592136	0.562376	0.491408	0.494639	0.505515	0.425353	0.461983
0.670381	0.558799	0.578019	0.685877	0.694874	0.557907	0.505512	0.565481	0.517026	0.552889
0.561023	0.67871	0.70813	0.642896	0.753074	0.559753	0.542426	0.60667	0.595574	0.531625
0.481644	0.639451	0.464233	0.418376	0.641414	0.519995	0.533109	0.54286	0.615597	0.585463
0.754148	0.724401	0.641972	0.500098	0.539779	0.571951	0.491582	0.560155	0.558102	0.579862
0.648533	0.659728	0.767126	0.654907	0.517494	0.492199	0.48779	0.547977	0.580195	0.514535
0.667033	0.472676	0.623014	0.535618	0.530561	0.489829	0.579962	0.573594	0.505742	0.518543
0.608852	0.651075	0.490768	0.495472	0.628758	0.68303	0.780416	0.647839	0.697681	0.661238
0.450167	0.626104	0.564301	0.553652	0.734118	0.947091	0.700801	0.733485	0.995161	0.671425
0.513235	0.698559	0.703144	0.615762	0.61646	0.709635	0.62311	0.795577	0.892824	0.784613
0.813766	0.622078	0.539798	0.843191	0.825172	0.760886	0.856281	1.064058	0.674779	0.584525
0.746072	0.846593	0.729985	0.54929	0.666755	0.935949	0.851022	0.779202	0.841646	0.618646
0.643238	0.639451	0.790735	0.763805	0.57139	0.615978	0.750378	0.555767	0.595574	0.726287
0.760996	0.551926	0.777298	0.788688	0.670172	0.70444	0.889248	0.617608	0.467681	0.75586
0.750091	0.734665	0.809324	0.659358	0.86627	0.79929	0.842396	0.897721	0.885133	0.723695
0.81066	0.817361	0.683753	0.734912	0.915675	0.786627	0.672174	0.823779	0.857448	0.542553
0.785118	0.774047	0.55363	0.831397	0.774346	0.588436	0.610911	0.733485	0.70141	0.495028
0.79996	0.95048	0.647389	0.888137	0.944805	0.747852	0.579962	0.780665	0.995161	0.834986
0.599236	0.653222	0.679037	0.55453	0.809132	0.765319	0.712042	0.635074	0.800548	0.888188
0.459028	0.446495	0.818926	0.643974	0.497832	0.819004	0.73946	0.608639	0.765892	1.019334
0.380495	0.474099	0.780248	0.634365	0.613439	0.894037	0.81589	0.693323	0.767343	0.634133
0.631813	0.453233	0.411131	0.622902	0.596707	0.366548	0.574397	0.531977	0.435386	0.379187
0.546463	0.524671	0.432529	0.63861	0.584333	0.43237	0.531436	0.589345	0.467681	0.395259
0.618686	0.413667	0.326855	0.652698	0.490966	0.505058	0.57903	0.558394	0.429339	0.63942
0.676019	0.536848	0.425279	0.62085	0.623592	0.566278	0.599045	0.589345	0.707697	0.555512
0.712711	0.520687	0.517411	0.556291	0.5518	0.498581	0.573477	0.48873	0.547463	0.516134
0.575186	0.536026	0.713174	0.61779	0.501694	0.558829	0.645319	0.557517	0.423375	0.583588
0.696945	0.792932	0.856067	0.619828	0.57689	1.157945	1.032161	0.560155	0.577371	0.677189
0.480919	0.617098	0.606829	0.652698	0.709647	0.605572	0.642076	0.572685	0.54224	0.444656
0.593566	0.651075	0.600913	0.728308	0.646799	0.407561	0.555463	0.629863	0.591678	0.537475
0.480919	0.482735	0.657312	0.68469	0.573216	0.410176	0.528109	0.526227	0.584943	0.63942

0.513235	0.592083	0.54926	0.507131	0.440976	0.430304	0.398073	0.499336	0.464052	0.436579
0.525901	0.554491	0.574319	0.467984	0.438286	0.484351	0.537319	0.478376	0.496299	0.538317
0.456967	0.456642	0.537252	0.363549	0.337079	0.498581	0.451593	0.406476	0.441518	0.47636
0.443471	0.559666	0.57895	0.457318	0.486448	0.467569	0.484781	0.474738	0.588778	0.526673
0.56628	0.457327	0.467823	0.426806	0.454681	0.34177	0.569814	0.671124	0.527773	0.378603
0.548151	0.446495	0.499986	0.582659	0.574131	0.449254	0.527282	0.576333	0.47726	0.448752
0.438188	0.295054	0.542358	0.493941	0.395542	0.481251	0.597099	0.391862	0.451935	0.58079
0.499414	0.4069	0.421374	0.492415	0.335489	0.389062	0.379442	0.421599	0.526102	0.401981
0.419558	0.338692	0.372995	0.489379	0.494004	0.433752	0.472218	0.381215	0.329619	0.418295
0.298035	0.38955	0.57895	0.413904	0.414163	0.386571	0.337955	0.311712	0.331746	0.421504
0.612759	0.571986	0.626117	0.495472	0.67477	0.678142	0.644235	0.41968	0.502572	0.572504
0.578801	0.734665	0.537252	0.487116	0.644637	0.537218	0.448133	0.380631	0.426678	0.369937
0.641138	0.579187	0.544073	0.518302	0.557938	0.391567	0.434566	0.466127	0.501782	0.401365
0.584279	0.459388	0.548391	0.660478	0.512693	0.467569	0.581833	0.456293	0.445655	0.504282
0.547306	0.511272	0.551876	0.507919	0.515888	0.478173	0.470039	0.4386	0.397816	0.431935
0.431027	0.355173	0.513389	0.578926	0.412264	0.383477	0.450206	0.351847	0.184459	0.454274
0.332138	0.352472	0.540649	0.54929	0.468833	0.48669	0.567994	0.544559	0.424693	0.591138
0.452196	0.52708	0.539798	0.583598	0.497064	0.383477	0.48779	0.493244	0.512154	0.563478
0.449492	0.512048	0.453639	0.462974	0.534727	0.458681	0.444702	0.569068	0.558102	0.377438
0.487487	0.519895	0.537252	0.538996	0.63504	0.535464	0.541571	0.446676	0.501782	0.424089
0.402298	0.424972	0.516603	0.641821	0.433618	0.51747	0.582772	0.490981	0.424693	0.503503
0.491921	0.502056	0.503885	0.434069	0.492482	0.496977	0.519091	0.570873	0.442205	0.536635
0.538121	0.427524	0.492291	0.406343	0.39131	0.543411	0.580897	0.544559	0.423375	0.549416
0.563643	0.450525	0.560715	0.466547	0.438286	0.836145	0.663037	0.485747	0.543106	0.552019
0.671503	0.464237	0.435196	0.441455	0.557056	0.608668	0.54933	0.434617	0.537934	0.398301
0.547306	0.620079	0.479514	0.511088	0.611437	0.638675	0.559897	0.598885	0.510542	0.425387
0.493409	0.429449	0.504669	0.555409	0.539779	0.460886	0.60692	0.583721	0.47134	0.552889
0.682883	0.512827	0.517411	0.432076	0.504027	0.44073	0.433232	0.514952	0.617651	0.563478
0.411459	0.444493	0.542358	0.410738	0.425731	0.39981	0.510256	0.572685	0.486295	0.485968
0.490438	0.567546	0.629242	0.497008	0.373624	0.542521	0.576244	0.468979	0.46117	0.522589
0.463876	0.49527	0.51419	0.490894	0.414163	0.590417	0.410531	0.610616	0.69892	0.875178
0.607881	0.512048	0.481742	0.583598	0.517494	0.451411	0.355968	0.59029	0.650796	0.666868
0.457653	0.535205	0.538947	0.571553	0.559708	0.498581	0.444018	0.534464	0.482507	0.422795
0.456967	0.611196	0.440579	0.55103	0.504027	0.559753	0.601	0.496279	0.494745	0.455666
0.60498	0.700955	0.420727	0.438082	0.548331	0.589426	0.422058	0.491734	0.547463	0.386851
0.474449	0.615122	0.598958	0.52894	0.491724	0.464586	0.510256	0.337876	0.407225	0.545114
0.526706	0.474812	0.465666	0.479658	0.440302	0.541632	0.464279	0.371966	0.481754	0.534958
0.515582	0.519104	0.538099	0.496239	0.402895	0.525946	0.506299	0.494001	0.447738	0.395866
0.568933	0.419282	0.428559	0.438755	0.350015	0.417448	0.265712	0.445998	0.57831	0.404451
0.598286	0.56315	0.496891	0.440103	0.421196	0.300144	0.40488	0.494001	0.487056	0.455666
0.443471	0.366147	0.408607	0.551902	0.460993	0.389687	0.621053	0.500104	0.510542	0.597853
0.574287	0.559666	0.469268	0.52894	0.521535	0.350826	0.397459	0.518144	0.544843	0.441272
0.475163	0.418655	0.431865	0.462974	0.409746	0.342331	0.413066	0.442619	0.497078	0.464821
0.423982	0.365592	0.434528	0.487869	0.361098	0.56534	0.556346	0.443967	0.484776	0.442623
0.598286	0.534385	0.486984	0.557174	0.479022	0.733814	0.793954	0.617608	0.559901	0.472721
0.619682	0.63324	0.540649	0.56973	0.436279	0.475879	0.458595	0.497805	0.617651	0.417656
0.480919	0.60058	0.530537	0.660478	0.468833	0.38595	0.354299	0.424172	0.629124	0.395259

0.597338	0.380841	0.324775	0.497779	0.479759	0.489829	0.57532	0.690932	0.736497	0.518543
0.3828	0.547685	0.495352	0.485614	0.575049	0.505058	0.555463	0.494759	0.411046	0.448067
0.355372	0.443828	0.486984	0.531432	0.572302	0.521687	0.533947	0.462589	0.265628	0.49123
0.516367	0.438544	0.557158	0.514279	0.455378	0.435833	0.619005	0.586524	0.481754	0.823457
0.584279	0.573775	0.610819	0.490894	0.520724	0.469068	0.512648	0.571778	0.567171	0.513737
0.600188	0.57288	0.491529	0.470149	0.425731	0.455031	0.385365	0.575418	0.623871	0.388639
0.442807	0.446495	0.378829	0.518302	0.511105	0.338979	0.424009	0.595044	0.435386	0.47636
0.528318	0.432028	0.376486	0.558945	0.698521	0.56534	0.490821	0.468979	0.504154	0.496557
0.490438	0.617098	0.492291	0.398912	0.466681	0.525091	0.477347	0.371394	0.508936	0.455666
0.365803	0.524671	0.479514	0.323046	0.453291	0.41479	0.501597	0.458382	0.537934	0.465533
0.487487	0.510496	0.48548	0.451041	0.480497	0.56534	0.773074	0.528682	0.462609	0.507411
0.552399	0.488589	0.540649	0.589271	0.787628	0.712256	0.564376	0.616602	0.521953	0.417018
0.46667	0.540984	0.676699	0.485614	0.567762	0.63426	0.35043	0.37426	0.49864	0.410062
0.366916	0.533568	0.528874	0.428118	0.476086	0.532848	0.388357	0.485004	0.442893	0.371083
0.591693	0.757316	0.722145	0.546693	0.599613	0.691718	0.559897	0.559274	0.495521	0.493505
0.497152	0.496769	0.586464	0.519922	0.406618	0.509156	0.450206	0.399717	0.400305	0.350363
0.525099	0.530311	0.458551	0.435403	0.514287	0.498581	0.522349	0.568169	0.47429	0.379772
0.53401	0.531936	0.463519	0.543255	0.59	0.539861	0.806353	0.665465	0.609492	0.54769
0.546463	0.621077	0.661797	0.492415	0.579666	0.674511	0.72881	0.504738	0.705171	0.637297
0.372522	0.460768	0.742016	0.613744	0.519106	0.802514	0.746252	0.62574	0.579252	0.581721
0.353208	0.564026	0.703144	0.628075	0.621542	0.710944	0.596129	0.782133	0.674779	0.570684
0.582445	0.746509	0.69334	0.660478	0.57689	0.626638	0.550201	0.523786	0.597535	0.510563
0.50017	0.564903	0.532206	0.602806	0.499372	0.651056	0.533947	0.511784	0.557205	0.46411
0.502447	0.503578	0.450856	0.605762	0.771449	0.53634	0.433898	0.54712	0.458308	0.391035
0.638008	0.571095	0.650672	0.581723	0.753074	0.672108	0.59227	0.573594	0.575499	0.600764
0.536472	0.603449	0.605838	0.635423	0.550062	0.627719	0.543283	0.466127	0.588778	0.644773
0.641138	0.560534	0.597012	0.522363	0.544034	0.824075	0.513448	0.497042	0.453343	0.578935
0.494903	0.714374	0.624045	0.509501	0.588103	0.566278	0.510256	0.580011	0.546588	0.624775
0.648533	0.652147	0.728668	0.721802	0.509522	0.479709	0.588446	0.549696	0.459022	0.600764
0.624695	0.557934	0.496891	0.584538	0.476086	0.45358	0.492344	0.741447	0.633373	0.545114
0.699334	0.640495	0.502321	0.517495	0.705907	0.708331	0.626214	0.87528	0.674779	0.566166
0.890262	0.743849	0.736627	0.674147	0.888377	1.002383	0.787885	0.662105	0.768798	0.780177
0.721444	0.809578	0.924662	0.753959	0.670172	0.85399	0.80322	0.594089	0.719249	0.853745
0.643238	0.658637	0.887115	0.78122	0.629799	0.837897	0.767287	0.549696	0.680689	0.82836
0.875641	0.692626	0.977262	0.987764	0.735444	0.855816	1.006492	0.717986	0.627016	0.726287
0.927099	0.757316	0.768565	0.76523	0.751692	0.626638	0.807928	0.725666	0.690317	0.747593
0.746072	0.769804	0.641972	0.627036	1.057159	0.965535	0.692255	0.81895	0.828067	0.635185
0.818467	0.921588	0.892832	0.714121	1.393602	1.204355	0.768727	0.833602	0.763005	0.787596
0.945702	0.785571	0.877751	0.631209	0.717227	0.815655	0.89307	0.652179	0.81979	0.843412
0.897762	0.67871	0.879607	0.940408	0.504027	0.560679	0.996634	0.6309	0.802119	0.716013
0.872061	0.684454	1.17804	0.903561	0.639279	1.242737	1.189821	0.608639	0.912669	0.812226
1.132873	0.815793	0.989071	1.213955	1.107337	1.039845	1.189821	0.86805	0.883232	1.021893
0.895875	0.721873	0.768565	0.907504	1.088958	0.699307	0.647495	0.779202	0.798982	0.83332
0.546463	0.870773	0.78621	0.720512	1.024935	0.739375	0.780416	0.804775	0.980673	0.86972
0.841105	0.806503	0.809324	0.853561	0.774346	0.759418	0.994205	0.955089	0.968959	1.196447
0.78221	0.598677	0.856067	0.875076	0.688864	0.598434	0.929075	0.698145	0.785139	1.079445
0.933212	0.887059	1.119309	1.123738	0.678251	0.9426	1.065111	0.878941	0.995161	1.073623

0.893996	0.818934	0.832067	0.938277	0.75585	1.409128	1.006492	0.666591	0.862845	0.836658
1.089606	0.530311	0.68613	0.878768	0.783155	0.678142	1.132895	0.882632	0.553637	0.697382
0.837798	0.782661	0.706878	0.682325	0.72624	0.763836	1.051076	0.8939	0.811669	0.796669
0.824816	1.140095	0.849074	0.612738	0.777263	0.922945	0.822366	0.991628	1.205891	0.907476
0.667033	0.723135	0.761419	1.017339	0.875345	0.760886	0.994205	0.955089	0.721858	0.857245
0.760996	0.646812	0.881472	0.917521	0.665622	0.699307	0.93963	0.736123	0.621788	0.880706
0.854592	0.646812	0.92881	0.779742	0.653349	0.98975	0.916739	0.66772	0.603473	1.156172
0.939412	0.972361	0.972627	1.019897	0.98775	0.700584	0.723581	0.737448	0.881338	0.992135
0.581531	0.661919	0.698214	0.785686	0.80756	0.963187	0.704515	0.584653	0.773194	0.586404
0.416425	0.579187	0.657312	0.645055	0.625651	0.927237	0.675651	0.550558	1.005095	0.714746
0.420187	0.639451	0.6463	0.78122	0.879028	0.745007	0.814286	0.760614	0.697681	0.657894
0.752792	0.512827	0.601893	0.5306	0.637155	0.660287	0.723581	0.830303	0.689102	0.780177
0.707799	0.56843	0.532206	0.697932	0.670172	0.653345	0.889248	0.74011	0.560803	0.742168
0.582445	0.412428	0.81091	0.738924	0.820297	0.729689	0.986996	0.730863	0.526936	0.41511
0.742089	0.580096	0.569736	0.700384	0.703431	0.591412	0.672174	0.663222	0.535371	0.512147
0.616701	0.386046	0.369531	0.604774	0.499372	0.608668	0.675651	0.467551	0.579252	0.663481
0.438188	0.566663	0.58269	0.570641	0.399816	0.718879	0.613929	0.455599	0.639825	0.567967
0.736835	0.659728	0.508611	0.687068	0.678251	0.692974	0.621053	0.48649	0.573634	0.63942
0.517154	0.564026	0.465666	0.540694	0.657772	0.564404	0.551948	0.555767	0.432688	0.527495
0.432968	0.343413	0.452245	0.630162	0.636096	0.586464	0.589399	0.461182	0.466225	0.632036
0.597338	0.571986	0.737968	0.75257	0.767139	0.747852	0.689844	0.62064	0.672437	0.653476
0.562768	0.540154	0.438553	0.576146	0.546607	0.556986	0.634601	0.640347	0.657514	0.482247
0.459028	0.494522	0.520655	0.515884	0.460287	0.531979	0.643154	0.425464	0.550098	0.409435
0.48896	0.462152	0.565202	0.491654	0.399816	0.566278	0.689844	0.47619	0.786656	0.68539
0.590759	0.561405	0.534722	0.482626	0.451214	0.420795	0.712042	0.742789	0.654142	0.696168
0.42717	0.530311	0.433194	0.462974	0.497064	0.419453	0.511052	0.654365	0.596553	0.575248
0.538121	0.49527	0.414944	0.574303	0.640346	0.428933	0.418181	0.490981	0.450532	0.632036
0.530748	0.554491	0.739313	0.751186	0.696086	0.482024	0.520717	0.538642	0.575499	0.55727
0.476595	0.577376	0.584573	0.668399	0.418625	0.555152	0.423357	0.545411	0.52861	0.430618
0.552399	0.343413	0.503102	0.594057	0.487198	0.485909	0.499265	0.443293	0.479501	0.413842
0.448147	0.327365	0.563402	0.576146	0.419908	0.632068	0.654088	0.441275	0.448435	0.501175
0.401091	0.485652	0.528046	0.488624	0.515087	0.451411	0.509462	0.424817	0.54224	0.530796
0.468074	0.585587	0.492291	0.544112	0.57689	0.469819	0.433232	0.484262	0.665486	0.448752
0.454916	0.505872	0.462806	0.62085	0.504027	0.261694	0.503942	0.564589	0.4381	0.48003
0.448147	0.402044	0.534722	0.674147	0.588103	0.373723	0.480305	0.595044	0.355853	0.479294
0.375353	0.430737	0.425279	0.460137	0.444362	0.322597	0.472218	0.475463	0.391043	0.347638
0.433617	0.433324	0.492291	0.473782	0.321433	0.379182	0.667582	0.456293	0.346379	0.398912
0.509352	0.429449	0.545795	0.485614	0.33496	0.450691	0.552824	0.432639	0.407225	0.534958
0.426531	0.383147	0.429879	0.374439	0.351111	0.442139	0.354855	0.404622	0.49397	0.427341
0.401694	0.525473	0.453639	0.320989	0.394935	0.513293	0.424009	0.404622	0.457595	0.397082
0.555828	0.46914	0.357064	0.457318	0.39615	0.351398	0.398687	0.463295	0.309919	0.277535
0.484556	0.528693	0.467103	0.419663	0.460993	0.38595	0.334228	0.45908	0.527773	0.365951
0.355372	0.422434	0.335805	0.351822	0.431633	0.45358	0.528939	0.415234	0.398437	0.408183
0.459028	0.377406	0.361556	0.254503	0.374781	0.378572	0.437246	0.360117	0.366691	0.474173
0.46318	0.447834	0.406724	0.262054	0.399816	0.297607	0.190262	0.424172	0.397816	0.400137
0.36971	0.427524	0.384147	0.43674	0.388312	0.434444	0.358764	0.406476	0.521128	0.525035
0.398088	0.416778	0.350411	0.418376	0.47172	0.390312	0.422707	0.357343	0.409132	0.401365

0.463876	0.49752	0.423322	0.366388	0.359417	0.36183	0.53563	0.440605	0.389214	0.395259
0.431027	0.382569	0.442615	0.409478	0.345119	0.381631	0.424009	0.393662	0.424693	0.314685
0.37992	0.32181	0.382367	0.540694	0.468115	0.304748	0.398073	0.29367	0.28529	0.376856
0.312534	0.246874	0.405474	0.505558	0.353311	0.354847	0.476611	0.431326	0.33873	0.389237
0.321472	0.360625	0.380594	0.394634	0.37827	0.39981	0.475876	0.437268	0.408495	0.437246
0.260707	0.386628	0.459964	0.349076	0.350015	0.426884	0.426624	0.351847	0.402809	0.428649
0.456967	0.496769	0.413669	0.397073	0.346202	0.363593	0.252338	0.45908	0.444963	0.345469
0.371958	0.419282	0.448781	0.445538	0.384149	0.492199	0.450899	0.437268	0.475773	0.367086
0.338352	0.370055	0.403604	0.392209	0.352209	0.304748	0.352637	0.338935	0.382573	0.290203
0.386863	0.359529	0.339545	0.408849	0.377687	0.395986	0.483284	0.399107	0.508936	0.37396
0.336271	0.334023	0.222238	0.296544	0.371895	0.499385	0.395013	0.370823	0.411687	0.365951
0.327535	0.323822	0.399889	0.364115	0.395542	0.457217	0.435904	0.324341	0.353045	0.337434
0.368031	0.394861	0.409867	0.404473	0.443682	0.452856	0.395623	0.391862	0.409769	0.286883
0.311062	0.324326	0.44603	0.400758	0.326586	0.350826	0.507877	0.455599	0.416195	0.394653
0.363586	0.383147	0.478036	0.382641	0.276229	0.351398	0.388958	0.334715	0.322779	0.320262
0.382222	0.412428	0.443296	0.434735	0.366179	0.346274	0.352637	0.509423	0.400305	0.355866
0.284464	0.329914	0.335274	0.401375	0.374781	0.437227	0.437246	0.435941	0.384374	0.310175
0.33992	0.40629	0.449472	0.399526	0.375941	0.393455	0.349331	0.346421	0.409769	0.454274
0.261144	0.393084	0.525568	0.466547	0.393723	0.349683	0.384174	0.285625	0.478753	0.406936
0.279425	0.422434	0.428559	0.454517	0.49021	0.512463	0.423357	0.330535	0.508936	0.418935
0.327026	0.428165	0.448092	0.409478	0.417345	0.466075	0.473678	0.394866	0.340358	0.452195
0.48896	0.525473	0.378829	0.322531	0.463117	0.438624	0.28753	0.310221	0.451935	0.379187
0.529127	0.46914	0.340619	0.46583	0.523978	0.348544	0.290396	0.444643	0.446348	0.420861
0.407772	0.423067	0.478774	0.481882	0.3812	0.401093	0.344419	0.42676	0.326449	0.465533
0.301854	0.385464	0.443978	0.502429	0.374781	0.293077	0.435904	0.561923	0.417491	0.395866
0.411459	0.469845	0.402983	0.346348	0.332326	0.382246	0.448823	0.471849	0.457595	0.487465
0.424618	0.39605	0.458551	0.377935	0.392515	0.437925	0.604938	0.420958	0.513772	0.495792
0.421448	0.403859	0.402983	0.408221	0.383557	0.502618	0.431239	0.384735	0.592649	0.412578
0.481644	0.467032	0.478774	0.37502	0.522348	0.426884	0.357643	0.474738	0.54834	0.450126
0.634899	0.499027	0.607823	0.524817	0.451905	0.378572	0.398687	0.412714	0.464775	0.567066
0.470896	0.367817	0.475827	0.541546	0.34566	0.438624	0.402393	0.479108	0.409769	0.432596
0.326011	0.400237	0.502321	0.538149	0.401045	0.480479	0.564376	0.507074	0.430675	0.323334
0.297559	0.512827	0.57248	0.477445	0.401045	0.561608	0.532271	0.501643	0.612534	0.378603
0.5227	0.42054	0.439903	0.515884	0.431633	0.447107	0.524808	0.53613	0.467681	0.405692
0.399287	0.475527	0.398043	0.461553	0.436279	0.398532	0.38121	0.473291	0.519482	0.389835
0.388616	0.445159	0.420727	0.470149	0.504808	0.507512	0.330533	0.528682	0.487056	0.437915
0.538121	0.442501	0.448781	0.544971	0.51669	0.567219	0.505512	0.474738	0.46333	0.459164
0.521108	0.416154	0.339545	0.490136	0.427689	0.455759	0.481792	0.450087	0.398437	0.542553
0.53401	0.512048	0.571563	0.401375	0.279008	0.532848	0.490821	0.348583	0.458308	0.648016
0.636969	0.484921	0.620957	0.56973	0.427689	0.607634	0.700801	0.548835	0.469873	0.619662
0.450842	0.460768	0.398043	0.495472	0.438957	0.462362	0.51828	0.544559	0.472813	0.443977
0.371958	0.551926	0.469268	0.410738	0.466681	0.479709	0.418825	0.457684	0.478753	0.459164
0.404722	0.503578	0.566105	0.53646	0.477552	0.402379	0.421409	0.409584	0.447738	0.448067
0.478032	0.361724	0.519842	0.522363	0.421196	0.472082	0.449514	0.552287	0.42206	0.42996
0.46597	0.413047	0.494585	0.592136	0.418625	0.437925	0.553702	0.569068	0.46117	0.450126
0.428452	0.526275	0.562504	0.573385	0.414797	0.566278	0.484781	0.382385	0.621788	0.609613
0.512456	0.474099	0.374737	0.596954	0.455378	0.412806	0.541571	0.45978	0.527773	0.515333

0.472314	0.509722	0.411764	0.452428	0.478286	0.400451	0.519903	0.449402	0.510542	0.565268
0.389789	0.4512	0.443978	0.394027	0.487198	0.430304	0.414339	0.42676	0.565342	0.46411
0.57071	0.426885	0.352065	0.546693	0.617472	0.489043	0.483284	0.4386	0.390433	0.500402
0.60498	0.488589	0.450164	0.52894	0.561485	0.319926	0.523987	0.645685	0.470606	0.422149
0.507808	0.433324	0.465666	0.581723	0.445042	0.495378	0.591311	0.561038	0.427341	0.46411
0.413935	0.450525	0.677866	0.647225	0.528906	0.645385	0.496176	0.506294	0.557205	0.594003
0.434918	0.407511	0.456439	0.473782	0.451905	0.537218	0.586546	0.471129	0.453343	0.493505
0.43557	0.405073	0.48548	0.460137	0.540626	0.718879	0.641	0.415866	0.495521	0.474173
0.3828	0.531936	0.512589	0.443492	0.484953	0.578663	0.482537	0.463295	0.782122	0.652379
0.514798	0.582833	0.575241	0.576146	0.500145	0.501807	0.598071	0.59029	0.662051	0.67603
0.60498	0.652147	0.523105	0.492415	0.519914	0.364773	0.434566	0.482783	0.456173	0.595924
0.710248	0.603449	0.583631	0.564304	0.313816	0.44073	0.484781	0.39547	0.34418	0.612603
0.625705	0.54516	0.483981	0.419019	0.54489	0.500999	0.625177	0.517344	0.414257	0.422149
0.468778	0.414287	0.493819	0.604774	0.504808	0.461624	0.57532	0.558394	0.647476	0.411948
0.298986	0.515954	0.509403	0.525639	0.497832	0.672108	0.539865	0.491734	0.668947	0.533289
0.454916	0.687938	0.563402	0.532266	0.361098	0.395986	0.537319	0.591237	0.630183	0.67603
0.664815	0.702158	0.653979	0.561617	0.40043	0.490618	0.545002	0.623693	0.635513	0.521777
0.505502	0.479837	0.615859	0.720512	0.591906	0.524237	0.545864	0.613599	0.543974	0.577088
0.55411	0.518314	0.770008	0.539844	0.403513	0.585481	0.661908	0.678012	0.585898	0.638357
0.597338	0.566663	0.55013	0.558059	0.536404	0.446394	0.495407	0.576333	0.56443	0.518543
0.505502	0.512048	0.48473	0.525639	0.44846	0.549693	0.628296	0.565481	0.586856	0.542553
0.554968	0.589287	0.722145	0.584538	0.443004	0.747852	0.559897	0.406476	0.723169	0.462691
0.588898	0.629148	0.781731	0.769533	0.585273	0.537218	0.624142	0.527044	0.473551	0.487465
0.557553	0.496769	0.49921	0.588321	0.661119	0.559753	0.541571	0.577249	0.470606	0.532456
0.537296	0.408123	0.510198	0.629117	0.563269	0.457949	0.525631	0.47619	0.346379	0.55639
0.674886	0.538498	0.647389	0.621875	0.556175	0.471326	0.488546	0.549696	0.483262	0.466247
0.633868	0.65538	0.544933	0.574303	0.599613	0.438624	0.465712	0.503962	0.396577	0.486715
0.48896	0.552779	0.716996	0.603789	0.613439	0.610744	0.545002	0.378884	0.420096	0.450815
0.528318	0.581918	0.673214	0.709076	0.651155	0.623412	0.595161	0.535296	0.750247	0.595924
0.543944	0.540154	0.606829	0.734912	0.564164	0.529383	0.797021	0.817352	0.710238	0.462691
0.547306	0.48056	0.538099	0.559834	0.680587	0.599447	0.683874	0.77629	0.711514	0.537475
0.57071	0.421171	0.558044	0.609734	0.553545	0.560679	0.648586	0.587462	0.447043	0.750331
0.57339	0.464237	0.508611	0.632259	0.651155	0.512463	0.67333	0.686189	0.504154	0.569776
0.521108	0.435274	0.447404	0.464399	0.514287	0.523386	0.634601	0.656563	0.561707	0.484476
0.489698	0.500539	0.408607	0.518302	0.468833	0.656802	0.62311	0.535296	0.573634	0.624775
0.50017	0.570205	0.478036	0.47671	0.419266	0.551505	0.469315	0.64892	0.684275	0.550282
0.658229	0.580096	0.506241	0.535618	0.527257	0.433752	0.567994	0.566375	0.636587	0.486715
0.571602	0.490804	0.52147	0.627036	0.665622	0.412147	0.594195	0.680333	0.445655	0.503503
0.642187	0.546842	0.657312	0.724393	0.677087	0.608668	0.731448	0.552287	0.307897	0.560807
0.491179	0.505106	0.510993	0.612738	0.423781	0.51831	0.489303	0.571778	0.392267	0.55992
0.436223	0.54853	0.55013	0.588321	0.44709	0.605572	0.559897	0.568169	0.443582	0.527495
0.583361	0.580096	0.528046	0.508709	0.462408	0.651056	0.560789	0.478376	0.57831	0.638357
0.592629	0.505872	0.624045	0.706574	0.688864	0.526803	0.557231	0.674554	0.560803	0.488215
0.736835	0.522276	0.52147	0.539844	0.527257	0.479709	0.616968	0.658771	0.565342	0.435247
0.582445	0.20351	0.394375	0.490894	0.422487	0.395352	0.577171	0.554894	0.481002	0.594003
0.704151	0.470551	0.595075	0.69428	0.504808	0.479709	0.750378	0.769094	0.580195	0.911438
0.555828	0.445827	0.529705	0.652698	0.63504	0.492991	0.60395	0.725666	0.494745	0.642624

0.486019	0.521481	0.62508	0.651598	0.472445	0.709635	0.628296	0.664342	0.686682	0.702272
0.503209	0.615122	0.645214	0.709076	0.641414	0.716218	0.62934	0.580011	0.586856	0.510563
0.402298	0.524671	0.51179	0.753959	0.780199	0.594407	0.790909	0.56997	0.572705	0.320262
0.581531	0.592083	0.733958	0.84662	0.70715	0.656802	0.689844	0.637175	0.569929	0.478559
0.707799	0.534385	0.70813	0.679973	0.632936	0.567219	0.556346	0.616602	0.460453	0.650192
0.756874	0.537672	0.528046	0.525639	0.629799	0.428249	0.515857	0.629863	0.444272	0.641553
0.642187	0.636334	0.604848	0.637545	0.680587	0.644259	0.555463	0.53613	0.353605	0.586404
0.580619	0.608275	0.644131	0.667259	0.667891	0.642017	0.410531	0.405239	0.574565	0.599791
0.526706	0.559666	0.456439	0.587372	0.470274	0.591412	0.62208	0.655463	0.85924	0.571593
0.622683	0.586509	0.375902	0.523998	0.497832	0.537218	0.584655	0.608639	0.685477	0.635185
0.56452	0.473387	0.467103	0.691863	0.578739	0.400451	0.62934	0.417769	0.58114	0.528318
0.658229	0.575572	0.57248	0.773879	0.804434	0.674511	0.795485	0.545411	0.619714	0.527495
0.530748	0.431382	0.556273	0.661601	0.712159	0.644259	0.837301	0.658771	0.56443	0.398301
0.428452	0.54516	0.681389	0.567008	0.433618	0.574815	0.747623	0.391862	0.447043	0.629949
0.55411	0.624086	0.670906	0.544971	0.417985	0.611786	0.583712	0.425464	0.508136	0.648016
0.593566	0.491545	0.443296	0.463686	0.456775	0.559753	0.639927	0.680333	0.488583	0.523403
0.622683	0.419282	0.390134	0.481882	0.585273	0.475879	0.632489	0.671124	0.651909	0.439926
0.550695	0.299321	0.503885	0.575224	0.451214	0.394087	0.611915	0.635074	0.450532	0.428649
0.676019	0.617098	0.624045	0.551902	0.579666	0.489829	0.462139	0.522167	0.401555	0.515333
0.48237	0.378548	0.527218	0.479658	0.494767	0.437227	0.493873	0.550558	0.424033	0.445336
0.396297	0.379693	0.586464	0.495472	0.436947	0.51831	0.545002	0.554894	0.460453	0.435912
0.446137	0.449851	0.687323	0.540694	0.537245	0.474356	0.492344	0.443967	0.551864	0.448752
0.452196	0.437233	0.475827	0.55453	0.588103	0.525946	0.511849	0.526227	0.64858	0.449439
0.509352	0.513606	0.442615	0.405719	0.527257	0.559753	0.462851	0.452145	0.458308	0.418295
0.491179	0.527885	0.378242	0.559834	0.494767	0.464586	0.638857	0.60276	0.524437	0.519349
0.452196	0.471258	0.370683	0.517495	0.511898	0.307845	0.36898	0.494759	0.466952	0.391035
0.480195	0.343413	0.42008	0.538996	0.503248	0.329076	0.45789	0.522976	0.312461	0.465533
0.590759	0.328383	0.542358	0.56973	0.515888	0.672108	0.506299	0.402776	0.514583	0.671425
0.628748	0.708223	0.606829	0.473782	0.562376	0.531112	0.486283	0.435941	0.418141	0.535796
0.505502	0.63324	0.629242	0.449659	0.586214	0.551505	0.437918	0.351847	0.411046	0.451504
0.530748	0.660822	0.510993	0.584538	0.637155	0.489829	0.504726	0.508638	0.517026	0.448067
0.493409	0.653222	0.50782	0.5424	0.555297	0.622343	0.604938	0.70548	0.754458	0.551149
0.57071	0.501296	0.541503	0.611734	0.514287	0.584501	0.511849	0.411459	0.511347	0.452887
0.456282	0.276581	0.637687	0.487116	0.4617	0.485909	0.683874	0.475463	0.475031	0.565268
0.41705	0.462152	0.584573	0.56973	0.572302	0.474356	0.508669	0.402776	0.424033	0.775785
0.494155	0.626104	0.658429	0.543255	0.628758	0.647644	0.517471	0.415866	0.546588	0.623747
0.618686	0.624086	0.579882	0.679973	0.645717	0.529383	0.484032	0.442619	0.55631	0.517739
0.651741	0.661919	0.570649	0.541546	0.473171	0.618089	0.67333	0.618616	0.680689	0.454274
0.537296	0.499782	0.464949	0.460137	0.427036	0.652199	0.654088	0.65109	0.69892	0.536635
0.605945	0.541816	0.554509	0.510293	0.476818	0.461624	0.636724	0.497042	0.52945	0.624775
0.776451	0.719359	0.690923	0.614752	0.519914	0.652199	0.730127	0.575418	0.487056	0.617633
0.664815	0.919596	0.674372	0.671839	0.815477	0.690466	0.715854	0.729558	0.685477	0.642624
0.509352	0.7769	0.679037	0.733583	0.67477	0.652199	0.515857	0.515748	0.655263	0.471997
0.581531	0.635301	0.575241	0.69307	0.677087	0.743592	0.567994	0.628829	0.635513	0.534123
0.455598	0.665225	0.58269	0.426806	0.560595	0.603521	0.566181	0.487236	0.532824	0.495792
0.439503	0.524671	0.564301	0.558945	0.599613	0.552414	0.589399	0.462589	0.525269	0.561695
0.677156	0.494522	0.660671	0.679973	0.542327	0.639786	0.72881	0.501643	0.60447	0.674874

0.599236	0.637371	0.682569	0.751186	0.62772	0.576735	0.567994	0.60276	0.70141	0.644773
0.603057	0.764209	0.564301	0.627036	0.792147	0.745007	0.511052	0.635074	0.836504	0.672572
0.688687	0.707003	0.581752	0.74706	0.901811	0.726961	0.691047	0.744134	0.705171	0.525853
0.491179	0.594897	0.701906	0.821536	0.786132	0.623412	0.67333	0.524599	0.70266	0.563478
0.577894	0.37912	0.562504	0.880625	0.825172	0.553325	0.500818	0.514952	0.599505	0.618646
0.576087	0.233568	0.644131	0.84662	0.657772	0.611786	0.593232	0.591237	0.571778	0.545114
0.71768	0.569317	0.561608	0.591179	0.66224	0.771301	0.72099	0.572685	0.627016	0.703504
0.612759	0.709446	0.64848	0.583598	0.610439	0.659122	0.499265	0.509423	0.68789	0.628909
0.596392	0.692626	0.567917	0.625999	0.591906	0.70703	0.509462	0.645685	0.779126	0.618646
0.507038	0.591149	0.68494	0.456616	0.470997	0.765319	0.767287	0.696934	0.757288	0.672572
0.531561	0.589287	0.586464	0.518302	0.583396	0.648778	0.649681	0.645685	0.686682	0.622722
0.613741	0.587433	0.522287	0.685877	0.67477	0.537218	0.631437	0.557517	0.692758	0.527495
0.616701	0.639451	0.731305	0.590224	0.670172	0.61283	0.533947	0.570873	0.64091	0.560807
0.484556	0.455958	0.631338	0.628075	0.612437	0.817326	0.480305	0.47984	0.555418	0.610607
0.668146	0.592083	0.462806	0.456616	0.69246	0.596416	0.333169	0.47619	0.681881	0.589238
0.605945	0.447834	0.537252	0.606751	0.623592	0.428933	0.544142	0.615599	0.783628	0.58079
0.383378	0.483462	0.492291	0.570641	0.546607	0.471326	0.558118	0.605689	0.646374	0.665736
0.452196	0.516739	0.488494	0.595986	0.563269	0.462362	0.4099	0.59985	0.560803	0.423441
0.533192	0.322815	0.441257	0.766659	0.633987	0.661454	0.67333	0.59985	0.570853	0.525853
0.555828	0.469845	0.513389	0.614752	0.600586	0.603521	0.574397	0.524599	0.592649	0.601738
0.569821	0.608275	0.580816	0.586425	0.500145	0.574815	0.36898	0.408338	0.428006	0.385663
0.617693	0.491545	0.534722	0.595986	0.639279	0.611786	0.335822	0.492488	0.603473	0.46411
0.447476	0.443828	0.495352	0.511088	0.438957	0.560679	0.563477	0.566375	0.514583	0.560807
0.416425	0.502056	0.462806	0.636482	0.563269	0.471326	0.558118	0.619627	0.369008	0.386851
0.539777	0.447834	0.522287	0.689459	0.460993	0.444971	0.532271	0.507074	0.583037	0.485968
0.478032	0.540154	0.486984	0.595986	0.586214	0.547889	0.431239	0.439267	0.618681	0.579862
0.374785	0.503578	0.523924	0.344177	0.381788	0.460886	0.414339	0.379466	0.511347	0.592091
0.511678	0.475527	0.452941	0.403231	0.500145	0.411489	0.449514	0.434617	0.451935	0.486715
0.450167	0.456642	0.515797	0.462263	0.578739	0.635359	0.530602	0.461885	0.526102	0.46411
0.428452	0.440518	0.406098	0.280824	0.409746	0.452133	0.446757	0.497805	0.539651	0.536635
0.487487	0.429449	0.418147	0.462974	0.454681	0.550598	0.557231	0.518946	0.448435	0.522589
0.486019	0.439201	0.435865	0.519922	0.521535	0.571	0.528109	0.49857	0.493196	0.578935
0.321974	0.413047	0.533882	0.424846	0.382377	0.444971	0.485531	0.39547	0.43471	0.616623
0.346779	0.399037	0.411131	0.392209	0.410374	0.398532	0.41947	0.40896	0.521953	0.538317
0.520314	0.490804	0.311999	0.362983	0.462408	0.528521	0.489303	0.367414	0.416195	0.598821
0.378202	0.388379	0.378242	0.372701	0.412264	0.539861	0.45438	0.398499	0.462609	0.524218
0.332652	0.33713	0.25808	0.451734	0.429657	0.36833	0.435904	0.442619	0.502572	0.477825
0.371395	0.399637	0.358182	0.458021	0.527257	0.43237	0.424661	0.415866	0.485535	0.586404
0.326011	0.367817	0.437207	0.454517	0.522348	0.487473	0.507087	0.377723	0.513772	0.736809
0.447476	0.482008	0.564301	0.420953	0.475356	0.514959	0.546728	0.399107	0.630183	0.722406
0.385117	0.403253	0.48473	0.475976	0.413529	0.489043	0.568903	0.455599	0.617651	0.516134
0.345186	0.322815	0.38296	0.38146	0.476818	0.428933	0.444702	0.359005	0.447043	0.413842
0.381646	0.36726	0.325814	0.397073	0.494767	0.387814	0.486283	0.450772	0.52945	0.438584
0.550695	0.41553	0.437207	0.47671	0.541476	0.422815	0.425314	0.348583	0.522779	0.57801
0.446137	0.46146	0.628197	0.654907	0.443004	0.519152	0.534788	0.419042	0.524437	0.585463
0.507038	0.451877	0.520655	0.629117	0.433618	0.46015	0.626214	0.454906	0.441518	0.512147
0.359186	0.530311	0.55539	0.415177	0.434946	0.551505	0.495407	0.375411	0.515396	0.477092

0.45834	0.557934	0.50703	0.561617	0.445042	0.445682	0.482537	0.424172	0.490115	0.540854
0.43557	0.479837	0.335274	0.452428	0.532222	0.524237	0.481792	0.492488	0.512154	0.532456
0.529127	0.487853	0.439227	0.430753	0.59478	0.645385	0.572558	0.595044	0.655263	0.490474
0.640092	0.645753	0.709386	0.659358	0.639279	0.672108	0.564376	0.570873	0.553637	0.522589
0.632839	0.591149	0.58269	0.604774	0.392515	0.575774	0.526456	0.485747	0.456173	0.533289
0.548997	0.487118	0.607823	0.610733	0.421196	0.680579	0.594195	0.480574	0.571778	0.572504
0.493409	0.486384	0.51179	0.5424	0.528906	0.551505	0.639927	0.437268	0.487056	0.544258
0.437532	0.404465	0.427901	0.588321	0.465966	0.495378	0.666441	0.563699	0.502572	0.552019
0.453553	0.597729	0.601893	0.489379	0.466681	0.568161	0.601	0.472569	0.485535	0.465533
0.532376	0.725671	0.729985	0.574303	0.66224	0.533718	0.537319	0.53613	0.518662	0.468394
0.415178	0.46146	0.647389	0.660478	0.53389	0.50343	0.496946	0.49857	0.404066	0.512941
0.60498	0.489326	0.508611	0.723095	0.515087	0.379793	0.567994	0.510995	0.302881	0.574332
0.601142	0.422434	0.568826	0.59502	0.449147	0.554237	0.681508	0.521359	0.577371	0.853745
0.525901	0.502056	0.462094	0.610733	0.590952	0.551505	0.556346	0.601788	0.613552	0.569776
0.37649	0.430092	0.409867	0.540694	0.555297	0.54699	0.490061	0.544559	0.508136	0.600764
0.404722	0.605373	0.630288	0.444855	0.479022	0.622343	0.599045	0.504738	0.622828	0.55992
0.473736	0.671915	0.68494	0.551902	0.613439	0.554237	0.60395	0.534464	0.559901	0.579862
0.673755	0.368935	0.441936	0.646139	0.644637	0.467569	0.555463	0.546264	0.52945	0.502726
0.589828	0.493031	0.557158	0.512681	0.59478	0.380405	0.555463	0.538642	0.344729	0.512147
0.574287	0.426246	0.737968	0.636482	0.58246	0.512463	0.702035	0.693323	0.55631	0.525853
0.704151	0.529501	0.541503	0.548423	0.584333	0.523386	0.366118	0.548835	0.572705	0.558151
0.599236	0.571986	0.489251	0.497008	0.473171	0.48669	0.502377	0.522976	0.49397	0.523403
0.447476	0.390137	0.447404	0.446907	0.460993	0.652199	0.550201	0.53613	0.526102	0.531625
0.451518	0.498273	0.624045	0.512681	0.641414	0.598434	0.548461	0.627797	0.602477	0.429304
0.473736	0.576473	0.519842	0.533938	0.636096	0.501807	0.463564	0.618616	0.70141	0.516134
0.681732	0.617098	0.578019	0.546693	0.618486	0.408213	0.614939	0.700576	0.634442	0.508197
0.639049	0.594897	0.558933	0.544112	0.621542	0.466075	0.476611	0.614598	0.71795	0.474901
0.57339	0.576473	0.51179	0.568821	0.529733	0.557907	0.611915	0.503962	0.527773	0.520157
0.561894	0.462152	0.535564	0.454517	0.467397	0.613877	0.655196	0.481309	0.430675	0.530796
0.551546	0.57288	0.673214	0.490136	0.553545	0.674511	0.611915	0.573594	0.629124	0.654576
0.725241	0.67871	0.558933	0.543255	0.672465	0.617032	0.562579	0.576333	0.690317	0.577088
0.592629	0.691449	0.55539	0.671839	0.4857	0.567219	0.513448	0.59029	0.591678	0.35476
0.572495	0.56843	0.475093	0.778269	0.50559	0.602499	0.564376	0.720531	0.584943	0.46411
0.519522	0.682147	0.540649	0.47671	0.612437	0.610744	0.542426	0.528682	0.614573	0.494266
0.364693	0.52708	0.519842	0.484118	0.53389	0.505875	0.501597	0.512574	0.543974	0.618646
0.46597	0.413667	0.514993	0.574303	0.514287	0.519152	0.680331	0.584653	0.493196	0.586404
0.572495	0.51517	0.696991	0.890035	0.714686	0.662625	0.534788	0.574505	0.599505	0.549416
0.572495	0.637371	0.554509	0.611734	0.628758	0.615978	0.584655	0.604711	0.748852	0.790599
0.549845	0.653222	0.592186	0.465114	0.601562	0.585481	0.452288	0.716719	0.664338	0.500402
0.490438	0.647874	0.568826	0.628075	0.63504	0.599447	0.533109	0.613599	0.697681	0.549416
0.3436	0.551926	0.505455	0.469426	0.515087	0.606602	0.621053	0.572685	0.603473	0.549416
0.448147	0.547685	0.475827	0.533101	0.524796	0.510806	0.643154	0.725666	0.545715	0.516935
0.374218	0.388379	0.481742	0.679973	0.528081	0.469819	0.641	0.448719	0.475031	0.681857
0.75144	0.621077	0.714445	0.689459	0.527257	0.523386	0.487036	0.325367	0.436741	0.633083
0.516367	0.530311	0.602876	0.483371	0.460287	0.511634	0.528939	0.594089	0.660913	0.693749
0.493409	0.54265	0.54926	0.511088	0.451905	0.519152	0.450206	0.717986	0.664338	0.643697
0.602098	0.554491	0.577091	0.566105	0.261703	0.354847	0.666441	0.419042	0.433361	0.54769

0.53401	0.552779	0.534722	0.515884	0.263492	0.498581	0.536474	0.556641	0.55631	0.518543
0.640092	0.567546	0.371837	0.531432	0.491724	0.53459	0.569814	0.561038	0.52861	0.485221
0.726514	0.728222	0.585517	0.763805	0.620521	0.673308	0.672174	0.607653	0.52861	0.518543
0.905394	0.939939	0.814098	0.515884	0.57048	0.721556	0.736773	0.591237	0.673606	0.769999
0.538121	0.658637	0.812501	0.514279	0.69246	0.653345	0.639927	0.588403	0.684275	0.595924
0.528318	0.671915	0.713174	0.436071	0.565959	0.572903	0.566181	0.637175	0.740576	0.592091
0.456282	0.656463	0.832067	0.737583	0.557056	0.829207	0.780416	0.744134	0.632307	0.619662
0.403509	0.462846	0.510198	0.597923	0.665622	0.7683	0.672174	0.598885	0.464775	0.649103
0.561894	0.546842	0.444661	0.527286	0.587158	0.590417	0.615952	0.777743	0.783628	0.772882
0.820046	0.721873	0.804602	0.689459	0.606471	0.694233	0.731448	0.551422	0.526936	0.428649
0.634899	0.616108	0.629242	0.666121	0.592862	0.624485	0.845825	0.626767	0.566256	0.66914
0.678295	0.685612	0.583631	0.571553	0.507159	0.753596	0.736773	0.520553	0.735145	0.663481
0.53401	0.66412	0.510198	0.643974	0.657772	0.94484	0.7819	0.70548	0.638743	0.594963
0.580619	0.528693	0.610819	0.624964	0.601562	0.589426	0.641	0.574505	0.639825	0.640485
0.595448	0.487853	0.616874	0.491654	0.665622	0.609705	0.599045	0.640347	0.482507	0.686575
0.561023	0.575572	0.423322	0.581723	0.86807	0.622343	0.70701	0.547977	0.654142	0.899657
0.960743	0.981432	0.694554	0.619828	0.712159	0.732435	0.751762	0.370253	0.541375	0.698599
0.579709	0.721873	1.139143	0.878768	0.722354	0.670911	0.784882	0.569068	0.597535	0.684209
0.616701	0.605373	0.733958	0.799364	0.541476	1.109408	0.994205	0.646761	0.765892	0.634133
0.583361	0.860245	0.55539	0.776801	0.697302	0.713573	0.734102	0.551422	0.430006	0.607631
0.739454	0.721873	0.478036	0.487869	0.697302	0.549693	0.60692	0.652179	0.751646	0.727588
0.734232	0.804974	0.500763	0.410738	0.884613	0.712256	0.590354	0.850485	0.707697	0.645851
0.652815	0.483462	0.849074	0.899653	0.98775	0.843195	1.034813	0.607653	0.591678	0.505062
0.499414	0.4587	0.830403	1.117269	0.73945	0.746427	1.011505	0.745484	0.780621	0.701045
0.710248	0.735965	0.872227	0.985388	0.781675	0.82749	0.914716	0.676856	0.758711	0.804378
0.598286	0.425609	0.645214	0.646139	0.673616	0.740776	0.734102	0.598885	0.672437	0.818608
0.610801	0.503578	0.610819	0.700384	0.572302	0.495378	0.528939	0.60667	0.619714	0.780177
0.700533	0.488589	0.661797	0.473053	0.534727	0.495378	0.473678	0.54286	0.735145	0.653476
0.736835	0.861982	0.726047	0.555409	0.828452	0.746427	0.838993	0.694524	0.623871	0.561695
0.798453	0.952619	0.842191	0.94255	0.66224	0.774323	0.851022	0.58279	0.464052	0.506627
0.581531	0.713137	0.804602	1.202086	0.86807	0.600462	0.531436	0.668851	0.583037	0.74896
0.665923	0.774047	0.892832	0.851816	0.597674	0.698033	0.708262	0.579089	0.595574	0.740822
0.412695	0.527885	0.70563	0.697932	0.529733	0.752153	0.912703	0.685012	0.480251	0.567967
0.56452	0.371177	0.38773	0.55103	0.387714	0.437925	0.581833	0.509423	0.476516	0.6217
0.473024	0.442501	0.467103	0.503209	0.622566	0.691718	0.525631	0.410833	0.584943	0.643697
0.349446	0.482735	0.483233	0.468704	0.604501	0.652199	0.677985	0.56281	0.628069	0.614608
0.456967	0.583749	0.535564	0.593096	0.363349	0.404962	0.541571	0.457684	0.418141	0.391636
0.559284	0.451877	0.36781	0.463686	0.528906	0.326364	0.366689	0.520553	0.373092	0.434583
0.60498	0.51517	0.463519	0.578926	0.523162	0.46533	0.382986	0.349126	0.314505	0.514535
0.470896	0.367817	0.524745	0.467265	0.37944	0.515794	0.46787	0.454214	0.497078	0.567967
0.500928	0.372867	0.444661	0.388596	0.404132	0.325285	0.251899	0.334715	0.363812	0.462691
0.41893	0.419282	0.436536	0.298976	0.260811	0.355425	0.413702	0.280498	0.331213	0.382119
0.446137	0.426885	0.461383	0.371547	0.265289	0.531112	0.401154	0.265023	0.298416	0.345469
0.747408	0.499027	0.38893	0.436071	0.401045	0.438624	0.449514	0.433957	0.453343	0.287356
0.686356	0.691449	0.543214	0.565204	0.658885	0.499385	0.364978	0.468979	0.30438	0.313679
0.698138	0.751879	0.649575	0.802463	0.62772	0.542521	0.544142	0.522976	0.46841	0.388042
1.03703	1.278993	1.208691	1.009755	0.787628	0.721556	0.536474	0.524599	0.579252	0.473447

1.142733	1.14675	1.878492	1.133625	0.985381	0.914487	0.792429	0.817352	0.601484	0.810645
1.328309	1.991446	2.604255	1.513863	1.347724	1.528866	0.994205	1.069725	1.04177	1.032283
1.326133	1.327221	1.139143	1.179279	1.838107	1.27257	1.394916	1.081285	0.997623	0.909453
0.74077	2.015553	1.250322	0.901603	1.197417	1.074747	1.088554	0.99642	0.86466	0.871532
1.22282	1.42327	0.852557	1.767347	1.975569	1.359723	2.452455	3.145158	1.329662	2.014765
1.639299	1.347823	1.254713	1.163019	1.071325	0.765319	1.011505	1.277948	1.081831	1.319854
0.967352	0.892627	0.780248	1.322778	1.065603	0.916587	1.45357	1.757101	1.023045	0.853745
0.870282	0.881562	0.723442	1.234487	1.246266	1.083929	1.377002	1.144209	1.218026	1.422924
0.899657	0.963476	0.840487	0.699156	0.817078	0.918696	0.859823	0.85221	1.023045	1.346119
0.560152	0.641542	0.795308	0.613744	0.673616	0.759418	0.755942	0.899645	1.132654	1.027057
0.502447	0.477676	0.538947	0.38205	0.590952	0.581572	0.679156	0.797096	1.153358	1.097394
0.766552	0.801932	0.823807	0.675306	0.74214	0.904142	1.056636	0.725666	0.559	0.765709
0.836154	0.838274	0.833738	0.699156	0.515888	0.637567	0.705761	0.774841	0.685477	0.679517
0.783662	0.696176	0.701906	0.726999	0.568666	0.651056	0.432567	0.654365	0.792775	0.734155
0.831259	0.721873	0.66519	0.666121	0.724941	0.672108	0.566181	0.591237	0.735145	0.772882
0.796951	0.7885	0.762839	0.70285	0.663364	0.556986	0.533947	0.454214	0.495521	0.74623
0.664815	0.505872	0.661797	0.438082	0.398591	0.506693	0.580897	0.468264	0.568089	0.712222
0.551546	0.512827	0.54926	0.37735	0.628758	0.820688	0.889248	0.662105	0.953072	0.897725
0.654973	0.779771	0.729985	0.823164	0.654451	0.586464	0.686252	0.64892	0.662051	0.630991
0.802991	0.390725	0.599934	0.663855	0.629799	0.363593	0.559897	0.504738	0.703914	0.569776
0.622683	0.527885	0.597012	0.469426	0.765712	0.765319	0.713309	0.657666	0.64858	0.578935
0.69457	0.801932	0.842191	0.815085	1.074215	1.02071	1.110159	0.678012	0.479501	0.501175
0.877442	0.657549	0.606829	0.763805	0.655555	0.589426	0.651879	0.70548	0.487819	0.487465
1.052956	0.518314	0.561608	0.802463	0.557056	0.477407	0.700801	0.624715	0.492424	0.787596
0.829639	0.539325	0.912451	0.890035	0.75446	0.733814	0.898867	0.589345	0.680689	0.589238
1.331234	0.956929	0.863176	0.971398	0.717227	0.571951	0.559006	0.629863	0.627016	0.535796
0.773599	0.803451	0.746101	0.489379	0.548331	0.574815	0.7819	0.668851	0.535371	0.519349
0.476595	0.782661	0.783219	0.583598	0.605485	0.929399	0.896926	0.794062	0.803696	0.848548
0.933212	1.181647	0.963503	0.815085	0.927921	0.972659	0.783388	0.925458	0.57831	0.767134
0.893996	0.785571	0.804602	0.733583	0.710902	0.623412	0.526456	0.6309	0.764446	0.686575
0.834516	0.621077	0.545795	0.738924	0.715954	0.557907	0.77162	0.782133	0.651909	0.846829
0.735532	0.781214	0.924662	1.632763	1.286884	1.256324	0.984619	0.764833	0.896721	0.74896
0.777883	0.822098	0.972627	0.787185	0.818685	0.902102	0.617985	0.561923	0.392267	0.537475
0.601142	0.529501	0.45155	0.586425	0.845235	0.54699	0.60395	0.716719	0.623871	0.775785
0.82322	0.883387	0.726047	0.848345	0.774346	0.947091	1.059442	0.921386	0.853886	0.708464
0.715189	0.948351	0.78621	0.700384	0.569572	0.700584	0.62311	0.640347	0.570853	0.643697
0.557553	0.637371	0.744735	0.588321	0.386523	0.626638	0.593232	0.538642	0.678315	0.66914
0.485286	0.716859	0.832067	0.805584	0.845235	1.099678	0.710778	1.016133	0.950849	1.079445
0.74077	1.056272	1.097259	1.269501	0.873515	0.8726	1.149896	0.807886	0.622828	0.743518
0.765156	0.533568	0.77583	0.903561	0.644637	0.519152	0.613929	0.759216	0.732455	0.542553
0.756874	0.710673	0.581752	0.779742	0.732795	0.740776	0.698342	0.921386	1.055657	1.040242
0.713948	0.623081	0.774367	0.782704	0.665622	0.91032	1.082573	0.575418	0.771724	0.907476
0.71768	0.598677	0.896685	0.987764	0.507945	0.673308	0.922863	0.657666	0.725802	0.641553
0.586121	0.4587	0.817311	0.819915	0.744848	0.687973	0.734102	0.650004	0.888962	0.955386
0.479473	0.601534	0.80617	0.696711	0.864478	0.880273	0.705761	0.804775	0.720552	0.535796
0.688687	0.550225	0.62508	0.635423	0.59478	0.56347	0.646405	0.518946	0.524437	0.464821
0.610801	0.532751	0.333153	0.460137	0.414797	0.452133	0.582772	0.499336	0.731116	0.719837

0.590759	0.564903	0.551876	0.493177	0.736775	0.713573	0.765853	0.682666	0.831422	0.915437
0.81221	0.990696	0.920554	1.16831	0.610439	0.596416	0.588446	0.769094	0.589743	0.566166
0.670381	0.592083	0.428559	0.862397	0.966878	0.667341	0.774532	0.87528	0.583989	0.724989
0.801473	0.492288	0.487738	0.637545	0.714686	0.690466	0.849283	0.817352	0.826399	1.01426
0.813766	0.661919	0.842191	0.78122	0.771449	0.635359	0.569814	0.853941	0.707697	0.804378
0.612759	0.656463	0.69213	0.663855	0.846949	0.852172	0.833937	0.611608	0.414902	0.671425
0.639049	0.476242	0.674372	0.720512	0.717227	0.444971	0.500818	0.915348	0.841646	1.051087
0.899657	0.349253	0.952361	1.117269	0.942659	0.746427	0.775996	0.782133	0.785139	0.74623
0.829639	0.877936	0.760004	0.705329	0.684115	1.056946	0.608911	0.518144	0.609492	0.693749
0.626717	0.683299	0.727356	0.484118	0.396759	0.716218	0.630387	0.686189	0.490883	0.488215
0.579709	0.721873	0.452941	0.62085	0.615451	0.617032	0.627254	0.785085	0.816523	0.663481
0.617693	0.739889	0.710645	0.704088	0.638216	0.745007	0.548461	0.537803	0.408495	0.389237
0.590759	0.504341	0.627156	0.649406	0.438286	0.555152	0.413066	0.441947	0.43471	0.348726
0.418302	0.448505	0.515797	0.487116	0.480497	0.475879	0.427938	0.592185	0.445655	0.389237
0.643238	0.746509	0.615859	0.63861	0.583396	0.614926	0.537319	0.405239	0.347483	0.383888
0.422081	0.368935	0.393159	0.471598	0.38891	0.346841	0.511052	0.415866	0.326975	0.34063
0.390965	0.35086	0.375902	0.385014	0.351111	0.287604	0.406756	0.34696	0.406591	0.396473
0.398088	0.519104	0.358182	0.37097	0.39131	0.404315	0.458595	0.343197	0.313482	0.290679
0.552399	0.409348	0.353725	0.410107	0.312811	0.318331	0.334228	0.380631	0.329089	0.304234
0.390377	0.35355	0.364956	0.351272	0.364478	0.318331	0.37651	0.293193	0.345278	0.457761
0.37763	0.341309	0.394984	0.346348	0.451905	0.419453	0.463564	0.434617	0.41297	0.35476
0.443471	0.437233	0.402362	0.361291	0.401661	0.320458	0.397459	0.381215	0.267923	0.391035
0.286311	0.299798	0.200278	0.327712	0.300434	0.376747	0.397459	0.378303	0.402809	0.508984
0.314505	0.356258	0.413033	0.405096	0.207624	0.278794	0.573477	0.522976	0.537934	0.443977
0.602098	0.580096	0.526392	0.458725	0.438286	0.382861	0.36726	0.274973	0.397196	0.300318
0.408997	0.419282	0.313008	0.422895	0.42508	0.400451	0.289917	0.245782	0.402809	0.433919
0.329575	0.439201	0.462094	0.484118	0.393723	0.519995	0.422058	0.449402	0.499424	0.425387
0.434918	0.381416	0.472899	0.495472	0.429657	0.351971	0.312011	0.366848	0.355853	0.364254
0.353748	0.349253	0.378829	0.329278	0.37827	0.363593	0.363275	0.276348	0.479501	0.4433
0.395701	0.290361	0.376486	0.503991	0.387118	0.399171	0.515857	0.59985	0.639825	0.46411
0.450167	0.37912	0.290868	0.362419	0.300434	0.330711	0.369554	0.34696	0.472813	0.277998
0.36859	0.268961	0.310993	0.346348	0.275768	0.373723	0.381801	0.340528	0.508136	0.472721
0.389789	0.31881	0.302043	0.30586	0.429	0.435833	0.418181	0.44532	0.612534	0.376275
0.353208	0.381416	0.30999	0.311346	0.37247	0.324208	0.300578	0.314208	0.501782	0.427994
0.277607	0.419911	0.349312	0.385014	0.333905	0.367141	0.337421	0.378303	0.467681	0.473447
0.308133	0.349253	0.354835	0.453124	0.348923	0.442139	0.365548	0.456293	0.459022	0.415745
0.209344	0.319808	0.287523	0.335601	0.310307	0.317271	0.298132	0.299924	0.283855	0.365385
0.273545	0.325337	0.369531	0.286475	0.253302	0.206646	0.425969	0.338935	0.329089	0.398301
0.283084	0.286644	0.43386	0.49855	0.406618	0.299635	0.450206	0.455599	0.478753	0.311173
0.348911	0.339214	0.370683	0.348529	0.330753	0.295588	0.377681	0.400938	0.326975	0.430618
0.314999	0.355173	0.414306	0.391002	0.281804	0.360658	0.361578	0.455599	0.458308	0.388639
0.551546	0.500539	0.456439	0.540694	0.4617	0.35949	0.499265	0.3818	0.440832	0.480768
0.476595	0.471258	0.455036	0.458725	0.458176	0.428933	0.418825	0.396679	0.365537	0.362563
0.459717	0.459388	0.356505	0.405096	0.443682	0.387814	0.458595	0.555767	0.456173	0.386851
0.430382	0.332477	0.313008	0.470873	0.437616	0.56534	0.437246	0.450087	0.46117	0.426688
0.440162	0.396646	0.332097	0.351822	0.269359	0.508333	0.503159	0.400327	0.240293	0.409435
0.55411	0.409963	0.532206	0.415815	0.449835	0.499385	0.485531	0.410208	0.402181	0.355313

0.707799	0.540154	0.659549	0.662726	0.449835	0.600462	0.72881	0.46048	0.484776	0.432596
0.558417	0.40629	0.477298	0.535618	0.454681	0.525946	0.469315	0.457684	0.46333	0.479294
0.545622	0.37174	0.433194	0.38087	0.495531	0.492199	0.35319	0.556641	0.507336	0.508197
0.695756	0.557934	0.701906	0.488624	0.62772	0.569105	0.532271	0.59985	0.570853	0.505062
0.569821	0.503578	0.581752	0.593096	0.541476	0.5806	0.452288	0.415234	0.405327	0.405692
0.452874	0.425609	0.586464	0.631209	0.507945	0.593406	0.544142	0.471849	0.46841	0.472721
0.529937	0.660822	0.623014	0.667259	0.578739	0.733814	0.697118	0.820554	0.596553	0.512147
0.775023	0.60058	0.578019	0.629117	0.445042	0.532848	0.595161	0.647839	0.601484	0.412578
0.562768	0.481283	0.456439	0.534777	0.494004	0.408867	0.505512	0.410208	0.574565	0.445336
0.356459	0.523872	0.429218	0.420307	0.598642	0.51831	0.484032	0.482783	0.636587	0.482989
0.325505	0.4512	0.460673	0.449659	0.452598	0.389062	0.495407	0.616602	0.514583	0.54769
0.335234	0.335056	0.256305	0.398298	0.334432	0.351971	0.302053	0.466838	0.54224	0.451504
0.346247	0.359529	0.357064	0.366958	0.294135	0.457217	0.476611	0.359561	0.469141	0.466247
0.42717	0.488589	0.619933	0.558059	0.561485	0.555152	0.630387	0.509423	0.635513	0.536635
0.424618	0.367817	0.438553	0.36525	0.399203	0.421467	0.484032	0.384146	0.394109	0.474173
0.24402	0.397242	0.350962	0.387399	0.373047	0.392195	0.424661	0.420958	0.333348	0.528318
0.370832	0.390137	0.351513	0.357925	0.427036	0.467569	0.506299	0.567271	0.397816	0.520157
0.346247	0.346589	0.234281	0.315887	0.466681	0.430992	0.29862	0.368547	0.368427	0.380358
0.355915	0.423067	0.506241	0.343096	0.444362	0.331257	0.401773	0.274973	0.347483	0.267028
0.383378	0.265422	0.371259	0.342017	0.427036	0.37012	0.418825	0.337348	0.315018	0.245027
0.425892	0.223449	0.324775	0.307349	0.291736	0.295084	0.332641	0.343732	0.235997	0.139973
0.427811	0.381416	0.344944	0.293162	0.297031	0.320458	0.261656	0.261017	0.198739	0.265676
0.541439	0.440518	0.463519	0.419663	0.273468	0.331257	0.418181	0.365155	0.307393	0.380358
0.513235	0.414287	0.352065	0.26475	0.312811	0.320992	0.303038	0.278649	0.360953	0.375116
0.400489	0.314348	0.331044	0.296544	0.290303	0.311486	0.291356	0.233967	0.356416	0.383297
0.513235	0.361724	0.330518	0.466547	0.319899	0.244793	0.276252	0.394866	0.340358	0.275229
0.575186	0.447164	0.409867	0.386801	0.339743	0.272064	0.317587	0.332098	0.253888	0.245886
0.640092	0.597729	0.528046	0.442133	0.44709	0.448537	0.560789	0.391862	0.302383	0.225315
1.058397	1.108269	0.748847	0.685877	0.859145	0.659122	0.572558	0.427409	0.438782	0.309179
0	0.374423	1.250322	1.140344	1.246266	1.109408	0.676816	0.520553	0.492424	0.73948
0	0	0	0.570172	1.495378	1.212596	2.064655	1.393349	0.912669	1.240842
0	0	0	0	0	0	0	0.456335	1.620833	0.456335
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.811669	1.116116
0	0	0	0	0	0	0	0	1.687987	1.232425
0.81491	1.696556	1.419048	2.010959	0.691759	0.345879	0.17294	0.73843	1.072929	0.913433
1.483272	0.890763	1.018795	1.383518	1.535397	1.450259	1.900505	1.465049	1.30392	0.905508
0.892125	0.782661	0.80617	1.264967	0.792147	0.953916	1.29708	0.817352	0.898683	0.74896
0.710248	0.879745	0.662925	0.696711	0.805994	0.888085	0.67333	0.656563	0.540512	0.466961
0.472314	0.468436	0.476562	0.458725	0.487949	0.573858	0.448133	0.367414	0.443582	0.369365
0.417675	0.398438	0.413033	0.380282	0.474626	0.467569	0.420115	0.346421	0.383773	0.367086
0.529127	0.537672	0.318085	0.36982	0.394329	0.374326	0.439266	0.458382	0.348036	0.422149
0.327535	0.443828	0.406098	0.448969	0.31432	0.383477	0.433898	0.450087	0.47134	0.623747
0.326519	0.41553	0.443296	0.420953	0.331277	0.46533	0.459301	0.338405	0.467681	0.525035
0.333683	0.288499	0.391342	0.490894	0.328144	0.36833	0.33849	0.318233	0.332813	0.392237

[illegible]

210	211	212	213	214	215	216	217	218	219
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.479907	0.699864	0.919822	1.350664	0.508721	0.763081	1.448374	1.683463	1.592865	0.883803
2.539504	1.496844	1.067052	1.027717	1.017442	1.391166	1.550273	1.19001	1.977946	0.874374
0.690436	0.839805	1.248824	0.988827	0.877743	1.025486	1.005953	1.025255	0.971747	1.237897
0.927983	0.604577	0.501056	0.784818	0.925816	0.772761	0.729788	0.845626	0.830116	0.921627
0.742193	0.731147	0.57763	0.9766	0.873967	0.529129	0.687808	1.110753	0.954011	0.618315
0.530938	0.622381	0.542513	0.609824	0.772212	0.805129	0.783761	0.938754	0.62047	0.55759
0.477729	0.489036	0.542513	0.415841	0.480988	0.819775	0.836778	0.617918	0.674033	0.623518
0.695343	0.385297	0.414302	0.341116	0.564597	0.781765	0.417005	0.475095	0.610507	0.728406
0.680786	0.62993	0.727937	0.634336	0.41677	0.502023	0.577093	0.660438	0.812513	0.729741
0.416483	0.418758	0.420961	0.436894	0.327542	0.511685	0.505361	0.532683	0.551644	0.695061
0.424343	0.423466	0.194095	0.435505	0.651022	0.545539	0.337624	0.45935	0.658358	0.671048
0.399301	0.457202	0.426363	0.559031	0.671759	0.609941	0.585633	0.399069	0.455582	0.580681
0.503916	0.468305	0.376359	0.535701	0.536052	0.361713	0.462895	0.539392	0.474607	0.562111
0.458003	0.613912	0.466927	0.477722	0.38515	0.416309	0.53674	0.432768	0.331664	0.518066
0.559754	0.504241	0.38989	0.581738	0.521618	0.587073	0.594346	0.541086	0.466755	0.616251
0.391264	0.422116	0.535468	0.525342	0.510081	0.363446	0.413767	0.51555	0.555099	0.444228
0.491396	0.627759	0.461737	0.336121	0.52835	0.463201	0.415059	0.271672	0.410439	0.568521
0.297432	0.484343	0.338682	0.282714	0.523291	0.471286	0.338708	0.363267	0.502112	0.465528
0.529251	0.453563	0.416289	0.433429	0.607186	0.400267	0.510167	0.457246	0.460435	0.454038
0.431004	0.484343	0.63299	0.559031	0.456589	0.386014	0.504565	0.536864	0.474607	0.350489
0.43845	0.49378	0.663563	0.315645	0.424047	0.371035	0.447285	0.530194	0.423689	0.385354
0.285267	0.370083	0.56811	0.428623	0.325943	0.373397	0.452192	0.368367	0.329596	0.296973
0.512738	0.42077	0.55421	0.555359	0.508457	0.5813	0.550662	0.466436	0.333743	0.59417
0.44464	0.560695	0.59934	0.546313	0.378492	0.811577	0.655118	0.621988	0.736458	0.770359
0.520916	0.415427	0.2974	0.598573	0.566444	0.488693	0.462895	0.486916	0.677467	0.623518
0.460869	0.489036	0.425684	0.502091	0.607186	0.719698	0.468713	0.710075	0.580999	0.425249

0.435728	0.416756	0.43598	0.313021	0.573916	0.792512	0.631055	0.422962	0.64111	0.540826
0.427661	0.187707	0.287418	0.486214	0.426052	0.350334	0.542776	0.410223	0.475328	0.460464
0.564291	0.269629	0.410355	0.473917	0.267754	0.299519	0.707656	0.501384	0.53893	0.467717
0.601414	0.490611	0.431832	0.476958	0.39627	0.37936	0.624717	0.788036	0.749826	0.564846
0.394955	0.589452	0.449383	0.373553	0.445936	0.460298	0.231941	0.323973	0.473888	0.544302
0.594513	0.487466	0.400002	0.487775	0.460924	0.335974	0.222702	0.358784	0.492999	0.358947
0.508705	0.588462	0.543402	0.606726	0.608204	0.523236	0.467982	0.644002	0.61546	0.543431
0.320748	0.373084	0.471426	0.498067	0.562756	0.339794	0.384456	0.51555	0.371251	0.529719
0.659826	0.48279	0.482109	0.683012	0.472701	0.361137	0.430203	0.359341	0.318896	0.254675
0.716838	0.736675	0.810067	0.812008	0.633385	0.411757	0.600252	0.424257	0.476774	0.349374
0.608426	0.605604	0.550577	0.526196	0.559099	0.542907	0.418959	0.371227	0.720942	0.658385
0.549053	0.557001	0.359144	0.413198	0.684937	0.813204	0.522421	0.411481	0.378118	0.548687
0.601414	0.651106	0.606481	0.649962	0.684937	0.661937	0.532479	0.677522	0.616458	0.548687
0.600421	0.397226	0.465438	0.490916	0.491768	0.628717	0.650642	0.58198	0.580999	0.565762
0.542062	0.454288	0.419621	0.552625	0.517462	0.337062	0.56596	0.695305	0.494505	0.484113
0.729998	0.900263	0.515829	0.733686	0.834465	0.484084	0.570564	0.612884	0.777862	0.680494
0.542062	0.739466	0.644064	0.521098	0.65441	0.600849	0.479086	0.382268	0.536432	0.648293
0.530094	0.578685	0.56436	0.42387	0.499635	0.617147	0.456441	0.387598	0.48777	0.612152
0.576316	0.54253	0.512502	0.613989	0.483275	0.50925	0.501396	0.602011	0.677467	0.520537
0.52257	0.547001	0.681526	0.575949	0.605157	0.624474	0.520767	0.457246	0.442007	0.444228
0.463031	0.306244	0.394285	0.559031	0.457308	0.502023	0.430203	0.487666	0.44942	0.280506
0.56338	0.317752	0.434593	0.533088	0.381506	0.549074	0.558694	0.561941	0.529021	0.477331
0.542062	0.583546	0.409701	0.499672	0.58828	0.641702	0.637486	0.570027	0.801671	0.70379
0.466659	0.546103	0.510024	0.449604	0.443138	0.554432	0.464342	0.486916	0.550785	0.518066
0.531784	0.472827	0.294381	0.540091	0.546537	0.574661	0.23965	0.467867	0.536432	0.353852
0.41132	0.533725	0.593311	0.584662	0.635551	0.714472	0.47018	0.392994	0.300663	0.440091
0.352051	0.257463	0.372141	0.420507	0.408325	0.465391	0.471652	0.303861	0.330629	0.335669
0.383975	0.237622	0.409701	0.610861	0.376694	0.3681	0.428197	0.378751	0.301629	0.384749
0.431004	0.42891	0.520024	0.434812	0.445235	0.474263	0.504565	0.357114	0.454205	0.497221
0.324408	0.482015	0.459531	0.384516	0.328612	0.448172	0.380853	0.424906	0.439342	0.469182
0.428995	0.436508	0.343146	0.464917	0.348891	0.443972	0.348035	0.346145	0.480408	0.449106
0.612484	0.562554	0.364414	0.490129	0.49726	0.413053	0.389307	0.442124	0.453518	0.314603
0.423023	0.373686	0.321802	0.350709	0.375499	0.392773	0.354178	0.379335	0.430793	0.450509
0.347043	0.286069	0.334262	0.409916	0.426723	0.428237	0.407363	0.420384	0.25058	0.2619
0.350375	0.34005	0.369153	0.256216	0.303641	0.43706	0.483609	0.445515	0.344819	0.431259
0.380376	0.322014	0.234963	0.298614	0.315427	0.281898	0.369635	0.350499	0.279013	0.401377
0.449515	0.361791	0.310729	0.291088	0.41546	0.469066	0.292905	0.377003	0.346425	0.271569
0.332357	0.27536	0.352789	0.305758	0.27574	0.297028	0.301787	0.283699	0.294434	0.307971
0.306911	0.237181	0.256016	0.271634	0.320653	0.264964	0.415059	0.36046	0.321927	0.316664
0.275305	0.29003	0.219922	0.204764	0.283392	0.327368	0.291929	0.323459	0.299218	0.256021
0.306407	0.387781	0.360894	0.286143	0.386984	0.414352	0.370803	0.233689	0.340566	0.213274
0.33991	0.320411	0.236715	0.283691	0.302127	0.29209	0.321157	0.28558	0.406111	0.351607
0.321269	0.303157	0.169718	0.19869	0.289711	0.319974	0.304789	0.326037	0.382175	0.286729
0.391877	0.386537	0.339793	0.301152	0.281467	0.356556	0.232791	0.281827	0.281314	0.347706
0.171144	0.299584	0.294381	0.24044	0.267289	0.256286	0.168842	0.238312	0.242063	0.319255
0.290578	0.356543	0.288406	0.253015	0.339456	0.233386	0.169209	0.210491	0.342156	0.330306
0.304397	0.241607	0.269062	0.219274	0.237637	0.124328	0.195718	0.18847	0.297777	0.408976

0.359387	0.299584	0.268117	0.341674	0.259456	0.182444	0.310346	0.27857	0.221475	0.326591
0.345938	0.416091	0.422305	0.353572	0.300116	0.361137	0.339795	0.287468	0.354544	0.365833
0.322836	0.349072	0.348224	0.294083	0.283392	0.310138	0.373735	0.3599	0.403658	0.358947
0.297926	0.31511	0.303501	0.296595	0.305668	0.314252	0.250588	0.293183	0.301629	0.252442
0.424343	0.359451	0.365004	0.399577	0.462379	0.306569	0.216104	0.382268	0.434718	0.348817
0.309948	0.231929	0.425006	0.390728	0.350015	0.354283	0.247058	0.351047	0.413558	0.478829
0.260551	0.255622	0.393654	0.400856	0.352836	0.306569	0.34472	0.372952	0.291589	0.38054
0.355421	0.447089	0.43598	0.370556	0.438976	0.353151	0.305291	0.284169	0.460435	0.379345
0.391264	0.404286	0.435286	0.379609	0.310777	0.332188	0.36098	0.365527	0.348036	0.357242
0.411962	0.395955	0.400642	0.314069	0.259912	0.428909	0.3222	0.396021	0.414184	0.430587
0.474008	0.433038	0.242016	0.303705	0.443836	0.5813	0.456441	0.591404	0.396378	0.30696
0.281445	0.301112	0.398725	0.527052	0.552773	0.714472	0.545389	0.49753	0.481139	0.392061
0.349261	0.339492	0.511675	0.50697	0.39627	0.46466	0.506957	0.341297	0.397583	0.451917
0.363965	0.347934	0.442278	0.334469	0.420063	0.448172	0.430203	0.432768	0.406727	0.492549
0.366272	0.347366	0.470673	0.417835	0.441052	0.450995	0.550662	0.536025	0.448741	0.429246
0.469584	0.532854	0.49306	0.379609	0.51171	0.474263	0.468713	0.511569	0.429493	0.388999
0.601414	0.51496	0.386777	0.580768	0.6777	0.511685	0.495126	0.578267	0.526578	0.454748
0.575379	0.607666	0.588349	0.685472	0.5777	0.481798	0.75452	0.648324	0.401217	0.413471
0.392491	0.467556	0.592314	0.447459	0.535189	0.594891	0.692685	0.641856	0.579162	0.468449
0.559754	0.533725	0.705402	0.600597	0.49333	0.624474	0.578976	0.470744	0.505192	0.556691
0.695343	0.742275	0.635182	0.498067	0.508457	0.539421	0.529101	0.617918	0.652894	0.520537
0.548173	0.561624	0.296895	0.437591	0.465303	0.591943	0.636408	0.554003	0.66167	0.617281
0.75474	0.604577	0.366185	0.529628	0.542138	0.620272	0.591422	0.527719	0.640054	0.502735
0.791624	0.79781	0.611655	0.751983	0.576751	0.515776	0.861384	0.68573	0.58192	0.629846
0.584841	0.663855	0.779906	0.766601	0.90312	0.833221	0.915222	1.113914	0.743091	0.626671
1.040428	1.021006	0.763357	0.913848	0.997005	0.963657	0.657373	0.822314	1.368828	0.561203
0.930096	0.810812	0.640712	1.019655	1.030721	0.77724	0.61847	1.022676	1.282109	0.782266
0.643101	0.733902	0.630809	0.827123	1.130309	1.203709	1.147903	1.020112	1.07612	0.656122
0.887749	0.81914	0.677874	0.725495	0.737912	0.814838	1.005953	0.788036	0.825244	0.881901
0.76187	0.736675	0.881364	1.104669	0.764839	0.671242	1.065331	0.962721	0.89329	0.815171
0.854474	1.066097	0.934896	0.903538	0.911237	1.070241	0.988644	0.761873	0.691481	0.850775
0.828568	0.958765	0.675456	0.803833	0.836185	0.819775	0.681787	0.712586	0.910632	0.627727
0.958543	0.579653	0.602386	0.800606	0.949763	0.67716	0.566877	0.750732	0.772108	0.733771
0.97	0.668585	0.681526	0.857194	0.970389	0.614044	0.958222	0.856013	0.701081	0.550453
0.709129	0.97052	0.856885	0.613989	0.645433	0.79096	0.609266	0.681021	0.643229	0.658385
0.719438	0.585506	0.94152	0.76809	0.574859	0.598854	0.915222	0.822314	0.691481	0.767433
0.644196	0.515796	0.815026	0.879748	1.055696	0.952282	1.173106	0.875726	0.521734	0.723107
0.578196	0.583546	0.556038	0.480791	0.875851	0.768328	0.529101	0.750732	0.632736	0.840301
0.669017	0.620248	0.466182	0.497266	0.706124	0.617147	0.524914	0.718928	0.776416	0.575026
0.734025	0.473585	0.390515	0.710867	0.727056	0.55804	0.716633	0.873896	0.610507	0.563021
0.714253	0.762462	0.616891	0.5798	0.725717	0.709308	0.68539	0.729273	0.763617	0.540826
0.578196	0.563487	0.532856	0.435505	0.543014	0.622368	0.66999	0.523625	0.616458	0.423924
0.546418	0.468305	0.617946	0.549909	0.49805	0.715773	0.658505	0.505273	0.595027	0.723107
0.729998	0.67699	0.638492	0.559031	0.576751	0.520735	0.563221	0.529367	0.559455	0.685296
0.402432	0.513294	0.488333	0.417169	0.465303	0.443972	0.470915	0.533516	0.53893	0.45617
0.615553	0.447803	0.499445	0.631059	0.674126	0.543782	0.542776	0.690491	0.570992	0.498789
0.599431	0.346799	0.597321	0.670918	0.461651	0.385405	0.634258	0.499838	0.409819	0.50512

0.511928	0.474345	0.516665	0.556274	0.607186	0.651701	0.646212	0.565516	0.546514	0.561203
0.478477	0.314057	0.367963	0.345604	0.338359	0.543782	0.520767	0.547066	0.376966	0.423263
0.326514	0.381597	0.531123	0.444617	0.327542	0.489466	0.549779	0.420384	0.409819	0.486398
0.445333	0.457202	0.50756	0.441793	0.549199	0.655086	0.732467	0.559279	0.634814	0.431259
0.437087	0.536348	0.44087	0.446036	0.515811	0.462473	0.484368	0.509986	0.541444	0.464801
0.574444	0.519154	0.330432	0.499672	0.62377	0.446767	0.428865	0.545349	0.528205	0.403895
0.480729	0.350213	0.266704	0.499672	0.426052	0.258553	0.447983	0.426206	0.308946	0.373419
0.384578	0.422791	0.348224	0.503711	0.571099	0.441194	0.590452	0.449619	0.459043	0.60507
0.485268	0.446375	0.355089	0.472404	0.473448	0.353717	0.483609	0.426206	0.450101	0.525521
0.359387	0.297555	0.379397	0.411226	0.343316	0.502023	0.479837	0.426858	0.436694	0.531409
0.536037	0.350213	0.270009	0.383284	0.404482	0.655086	0.545389	0.471466	0.371251	0.509124
0.427661	0.466062	0.344832	0.398301	0.468987	0.375773	0.409913	0.478755	0.350195	0.395763
0.416483	0.460871	0.415626	0.523639	0.416115	0.323655	0.377279	0.456547	0.439342	0.38294
0.423682	0.426861	0.482109	0.589579	0.474946	0.346978	0.549779	0.467151	0.349654	0.43872
0.381573	0.503427	0.405795	0.421849	0.383324	0.294552	0.359269	0.502159	0.385682	0.429916
0.350933	0.329575	0.465438	0.451039	0.35911	0.29209	0.377873	0.402755	0.385096	0.40516
0.417132	0.237622	0.411667	0.36758	0.413502	0.422232	0.321678	0.407096	0.490751	0.404527
0.634437	0.567237	0.50838	0.434812	0.479469	0.443276	0.421578	0.531852	0.531477	0.459745
0.482237	0.498577	0.34035	0.438288	0.581518	0.530828	0.396688	0.463588	0.443346	0.326063
0.518446	0.532854	0.418285	0.508608	0.522453	0.410465	0.425538	0.416546	0.275811	0.279083
0.574444	0.54253	0.440168	0.508608	0.50043	0.484084	0.49982	0.436753	0.435376	0.519711
0.603406	0.54253	0.432521	0.382669	0.438286	0.434326	0.439002	0.460758	0.430793	0.423924
0.543799	0.492193	0.55239	0.488558	0.386984	0.589988	0.505361	0.457946	0.347499	0.384749
0.540332	0.455015	0.635182	0.739234	0.586338	0.577494	0.479086	0.539392	0.499053	0.504324
0.489856	0.484343	0.447953	0.689188	0.712558	0.487151	0.415059	0.609892	0.665007	0.63091
0.591588	0.553338	0.407743	0.639852	0.583439	0.436375	0.415707	0.627129	0.66837	0.481086
0.621757	0.512463	0.405147	0.739234	0.435538	0.357126	0.586593	0.596193	0.484074	0.590273
0.619679	0.5479	0.501056	0.598573	0.750459	0.648342	0.645112	0.671752	0.579162	0.654995
0.5234	0.583546	0.617946	0.5029	0.60213	0.516598	0.539317	0.612884	0.549928	0.559393
0.56338	0.446375	0.58247	0.527909	0.367227	0.595878	0.728454	0.52444	0.520932	0.622473
0.878248	0.709712	0.669469	0.471649	0.53005	0.80194	0.865016	0.532683	0.569197	0.55759
0.956287	0.880451	0.558794	0.590569	0.592193	0.474263	0.470915	0.738531	0.418593	0.497221
0.458003	0.720297	0.592314	0.501283	0.578651	0.249556	0.402306	0.620967	0.509074	0.636268
0.496829	0.604577	0.603406	0.556274	0.462379	0.361137	0.535031	0.642928	0.491499	0.6664
0.489856	0.477397	0.551483	0.777135	0.740669	0.513317	0.596306	0.627129	0.471736	0.475093
0.507903	0.47207	0.542513	0.349569	0.46457	0.54642	0.608255	0.65489	0.611493	0.615222
0.398677	0.472827	0.515829	0.324149	0.286297	0.663089	0.664209	0.51555	0.719674	0.600081
0.507903	0.550611	0.515829	0.559954	0.610247	0.589014	0.67467	0.701398	0.570992	0.601075
0.399301	0.502615	0.483656	0.520254	0.68983	0.508441	0.47461	0.583848	0.570093	0.657252
0.455155	0.439305	0.378788	0.512732	0.476448	0.448172	0.497467	0.527719	0.528205	0.831762
0.609437	0.589452	0.525111	0.5798	0.51171	0.386625	0.561404	0.708825	0.558581	0.828393
0.36743	0.564421	0.44087	0.46566	0.455153	0.315805	0.349145	0.411481	0.388036	0.447706
0.354858	0.344538	0.442983	0.515225	0.572036	0.494133	0.479086	0.252483	0.419862	0.462627
0.376807	0.418758	0.592314	0.399577	0.427395	0.647229	0.503771	0.463588	0.683251	0.684091
0.602408	0.584525	0.472936	0.555359	0.539519	0.522401	0.545389	0.749359	0.698661	0.524686
0.665547	0.667398	0.44087	0.587606	0.600125	0.553534	0.556896	0.611885	0.503649	0.491003
0.534331	0.475106	0.426363	0.514392	0.475696	0.435008	0.720538	0.602988	0.426259	0.520537

0.538609	0.473585	0.534596	0.550812	0.572975	0.557135	0.633188	0.585725	0.448063	0.391447
0.531784	0.556082	0.488333	0.536576	0.508457	0.441887	0.509363	0.457946	0.413558	0.397626
0.53775	0.522539	0.628638	0.487775	0.371343	0.593906	0.56596	0.401523	0.415439	0.499575
0.562471	0.525095	0.719849	0.496468	0.491768	0.795632	0.765981	0.689296	0.72477	0.66066
0.577255	0.536348	0.454428	0.375965	0.473448	0.652827	0.526584	0.710075	0.826862	0.501152
0.411962	0.61182	0.488333	0.447459	0.50043	0.520735	0.433566	0.556633	0.448063	0.38054
0.576316	0.491401	0.34596	0.644317	0.510895	0.467592	0.788322	0.69895	0.493751	0.63091
0.455865	0.516633	0.546079	0.525342	0.574859	0.535103	0.579921	0.725365	0.625539	0.515609
0.531784	0.484343	0.44087	0.40861	0.449458	0.511685	0.470915	0.384629	0.388627	0.452623
0.423682	0.358285	0.58247	0.486994	0.304147	0.502023	0.467251	0.375262	0.343219	0.580681
0.330223	0.368889	0.727937	0.461958	0.426052	0.603858	0.661919	0.570027	0.440673	0.55759
0.388212	0.342288	0.415626	0.419169	0.498842	0.589014	0.428197	0.45585	0.456963	0.483354
0.484508	0.632111	0.427724	0.382055	0.43417	0.472772	0.386875	0.365527	0.512205	0.436673
0.601414	0.531985	0.31544	0.619251	0.569231	0.364025	0.492025	0.567315	0.562091	0.374597
0.390041	0.455015	0.466182	0.482333	0.460924	0.49024	0.400425	0.513953	0.456963	0.399497
0.339366	0.477397	0.321802	0.343354	0.38454	0.417618	0.354178	0.427511	0.366171	0.452623
0.437768	0.371281	0.351072	0.479254	0.380901	0.344755	0.494349	0.419742	0.406111	0.582583
0.373855	0.463088	0.543402	0.563665	0.494898	0.5125	0.705125	0.635483	0.496016	0.379942
0.457289	0.485901	0.580528	0.42387	0.502822	0.54466	0.308823	0.51555	0.519332	0.275309
0.567037	0.576756	0.518341	0.397665	0.547423	0.486383	0.38205	0.492949	0.535602	0.375779
0.499178	0.522539	0.567169	0.596558	0.555473	0.531679	0.443815	0.69895	0.697456	0.591244
0.443947	0.501804	0.561568	0.442497	0.482512	0.647229	0.51912	0.477287	0.497532	0.431259
0.573512	0.647693	0.58247	0.599584	0.564597	0.419589	0.447285	0.49219	0.450782	0.393291
0.73809	0.51496	0.461737	0.724145	0.660117	0.445367	0.503771	0.54879	0.273991	0.403264
0.612484	0.633205	0.56811	0.571183	0.628017	0.520735	0.557794	0.596193	0.517738	0.435313
0.431004	0.406231	0.353937	0.631059	0.597133	0.670067	0.477589	0.400908	0.496016	0.523022
0.518446	0.62993	0.565294	0.493287	0.625889	0.601849	0.2609	0.468585	0.508295	0.498004
0.536037	0.775953	0.668281	0.55811	0.531756	0.61611	0.440372	0.516351	0.701081	0.653871
0.586758	0.544313	0.569053	0.60263	0.432126	0.449581	0.460733	0.484675	0.385682	0.432606
0.576316	0.704514	0.505925	0.483881	0.542138	0.573721	0.550662	0.60495	0.50288	0.337291
0.623845	0.608701	0.544292	0.613989	0.672941	0.603858	0.500607	0.602988	0.574604	0.467717
0.655302	0.655699	0.675456	0.71613	0.637728	0.719698	0.648422	0.517153	0.544817	0.788345
0.665547	0.571019	0.657737	0.634336	0.562756	0.653955	0.776264	0.511569	0.497532	0.729741
0.583885	0.636506	0.733413	0.581738	0.591211	0.714472	0.49825	0.506055	0.606585	0.66066
0.889675	0.528526	0.640712	0.664995	0.554571	0.528283	0.63212	0.703859	0.791093	0.653871
0.665547	0.465316	0.588349	0.552625	0.873967	0.640605	0.767436	0.842218	0.607562	0.577845
0.689218	0.779009	0.700265	0.555359	0.848417	0.847098	0.640738	0.852523	0.763617	0.591244
0.856257	0.902295	0.851426	0.799001	0.63123	0.685584	0.768895	1.049185	0.820426	0.715276
0.835326	0.902295	0.937092	0.77866	0.519951	0.961358	0.840209	0.711329	0.686759	1.003813
0.746335	0.701939	0.846036	0.839254	0.723053	0.994709	1.104658	0.718928	0.732527	0.945131
0.782482	0.992515	1.027337	0.690433	0.862833	1.228438	0.881746	0.626096	0.820426	0.927912
1.287499	0.982602	0.833712	1.076462	0.843133	0.769801	1.354493	1.160773	0.932813	0.893442
0.76912	0.888267	0.719849	0.710867	0.877743	0.756723	0.915222	0.981021	0.760824	0.75592
0.574444	1.060198	0.546079	0.388855	0.742054	0.762487	0.637486	1.03046	0.928695	0.712698
0.852698	1.031847	0.715861	0.668539	0.881552	0.726321	0.602239	0.738531	0.50288	0.856108
0.863464	0.68556	0.883305	1.206365	0.73245	0.689245	0.645112	0.565516	0.550785	0.808709
0.760435	0.618126	0.90118	0.839254	0.706124	0.859614	0.940508	0.561052	0.677467	0.820082

0.842192	0.896228	0.875591	0.92441	0.885395	1.10712	0.763088	0.660438	0.965011	1.051586
0.889675	0.846918	0.540741	0.879748	0.728398	0.54466	0.855993	1.007514	0.786638	0.606075
0.671345	1.147518	1.003599	0.690433	0.609224	0.641702	0.636408	0.579192	0.756667	0.586411
0.805709	0.940595	0.761883	0.70826	0.968048	0.941197	0.857783	0.683369	0.934887	0.960779
0.831934	0.658013	0.608543	1.104669	1.082197	0.831518	1.158526	1.020112	0.728631	0.823388
0.936497	0.712334	0.862413	1.148946	0.992043	0.811577	1.037331	0.838836	0.608542	0.631976
1.024346	0.822517	0.948246	0.944092	0.713856	0.731693	0.97669	0.896376	0.744429	1.027043
1.137994	0.822517	0.767808	0.926553	1.091402	0.808341	1.071154	1.412161	1.102823	1.019161
0.700306	0.923154	0.926218	0.830555	0.870224	1.15452	1.016162	0.945161	0.795595	0.548687
0.604405	0.900263	0.754589	0.609824	1.030721	1.16907	0.855993	0.540238	0.798622	0.880007
0.967685	0.85233	0.664738	0.851734	0.868364	0.941197	0.857783	0.72407	1.079007	1.006334
0.974669	0.82592	0.621126	0.705668	0.790434	0.711882	0.768895	0.953852	0.701081	0.729741
0.76912	0.517472	0.730666	0.841015	0.63882	0.513317	1.016162	0.978691	0.514567	0.610116
0.679594	0.68556	0.745994	0.802216	0.855565	0.982502	1.080038	1.193807	0.895183	0.984159
0.612484	0.525095	0.50838	0.608789	0.664736	0.768328	0.755937	0.924164	1.029765	0.662947
0.520916	0.489036	0.569997	0.595554	0.496471	0.594891	0.667668	0.533516	0.841701	0.773305
0.571652	0.705808	0.667097	0.777135	0.621662	0.606889	0.810264	0.814282	0.939065	0.936436
0.815358	0.793033	0.634085	0.562734	0.485575	0.475011	0.628932	0.797119	0.639001	0.592217
0.669017	0.592435	0.565294	0.455374	0.495684	0.425558	0.64292	0.60692	0.475328	0.585451
0.69906	0.491401	0.504296	0.849929	0.615399	0.366932	0.473129	0.535187	0.430143	0.588338
0.660964	0.594435	0.677874	0.771084	0.875851	0.49024	0.206792	0.581049	0.512991	0.682889
0.495269	0.380983	0.414302	0.54186	0.567371	0.422895	0.369053	0.575503	0.640054	0.68169
0.382172	0.319878	0.402567	0.42387	0.393774	0.572782	0.456441	0.545349	0.693861	0.639514
0.76912	0.695566	0.683979	0.709562	0.727056	0.82813	0.727125	0.711329	0.62452	0.589304
0.646394	0.634303	0.614789	0.774099	0.651022	0.55804	0.522421	0.624037	0.558581	0.406428
0.544671	0.645432	0.475211	0.543636	0.601126	0.466123	0.369635	0.68573	0.499053	0.693829
0.605407	0.481242	0.512502	0.699255	0.553671	0.549074	0.628932	0.601036	0.547365	0.741945
0.586758	0.61182	0.438768	0.436199	0.560924	0.424224	0.47239	0.568217	0.39338	0.41932
0.386997	0.393424	0.485988	0.514392	0.55819	0.445367	0.460733	0.492949	0.553368	0.466986
0.491396	0.401063	0.570944	0.533957	0.424047	0.556232	0.581817	0.421671	0.665007	0.57037
0.560657	0.404933	0.575709	0.533088	0.530902	0.651701	0.821665	0.72407	0.577333	0.443536
0.453031	0.362966	0.332617	0.478487	0.54831	0.534245	0.512591	0.552258	0.549928	0.301439
0.531784	0.463088	0.433211	0.442497	0.479469	0.367516	0.397308	0.43343	0.338455	0.440778
0.520091	0.558844	0.485988	0.603651	0.508457	0.386014	0.520767	0.506838	0.603667	0.510736
0.480729	0.520843	0.448668	0.531355	0.490989	0.567195	0.495905	0.445515	0.503649	0.427243
0.41132	0.304184	0.398725	0.493287	0.434853	0.447469	0.441746	0.371801	0.342687	0.47435
0.353733	0.242944	0.34427	0.43412	0.496471	0.515776	0.475353	0.388791	0.293009	0.344941
0.61045	0.44071	0.275255	0.457558	0.566444	0.417618	0.36731	0.47802	0.291117	0.318736
0.42633	0.214866	0.262956	0.417169	0.567371	0.454549	0.401052	0.418461	0.481871	0.446312
0.421707	0.317752	0.396816	0.366987	0.393152	0.286237	0.473129	0.501384	0.421134	0.278136
0.348151	0.362378	0.410355	0.464176	0.404482	0.500434	0.409274	0.49219	0.528205	0.205208
0.356551	0.427543	0.265295	0.387611	0.41546	0.400267	0.431545	0.489169	0.462531	0.412826
0.404953	0.262102	0.387398	0.471649	0.426723	0.402161	0.461452	0.467151	0.276267	0.451917
0.454446	0.371281	0.341467	0.433429	0.474946	0.519076	0.625767	0.337564	0.260145	0.501943
0.345938	0.336161	0.344832	0.343915	0.413502	0.486383	0.435596	0.355451	0.373528	0.487927
0.345938	0.390907	0.469921	0.366987	0.38576	0.514954	0.396068	0.392994	0.466048	0.425912
0.469584	0.375499	0.327717	0.364035	0.42338	0.458853	0.341977	0.461464	0.473888	0.400123

0.516808	0.530252	0.393654	0.413198	0.40704	0.527437	0.383252	0.399681	0.444688	0.307465
0.398054	0.404933	0.204568	0.332823	0.377292	0.287692	0.406727	0.480227	0.44671	0.375188
0.353733	0.341727	0.144502	0.380831	0.39627	0.277128	0.434919	0.33916	0.336354	0.370485
0.463031	0.418758	0.342586	0.330094	0.388825	0.412404	0.369635	0.448247	0.430143	0.359516
0.369173	0.41212	0.407093	0.336121	0.30975	0.357126	0.462895	0.394808	0.312403	0.421287
0.283352	0.337269	0.36031	0.314069	0.375499	0.433646	0.429533	0.317334	0.350736	0.440091
0.345387	0.500188	0.491479	0.346168	0.443836	0.324184	0.34143	0.308802	0.49526	0.477331
0.291064	0.327401	0.427043	0.326302	0.320653	0.318928	0.417655	0.21849	0.377542	0.421287
0.358819	0.338379	0.350501	0.323077	0.279071	0.429583	0.392367	0.383447	0.342156	0.4077
0.496829	0.422791	0.386777	0.421849	0.430092	0.397755	0.411836	0.410223	0.353452	0.472867
0.515175	0.352504	0.543402	0.481561	0.40704	0.444669	0.494349	0.393598	0.350195	0.402634
0.338823	0.281657	0.381231	0.618194	0.474196	0.323128	0.524914	0.460053	0.367295	0.455458
0.334502	0.389654	0.367963	0.341116	0.39502	0.275234	0.386875	0.287942	0.430143	0.449106
0.350375	0.304698	0.338682	0.418501	0.334	0.365185	0.3998	0.315816	0.434061	0.478079
0.308934	0.406231	0.340908	0.318285	0.29414	0.369859	0.385664	0.396021	0.411061	0.363525
0.416483	0.433038	0.436676	0.294083	0.40512	0.351459	0.329578	0.395414	0.471736	0.423263
0.423023	0.466062	0.402567	0.312499	0.431447	0.235536	0.418959	0.457246	0.528205	0.466986
0.486029	0.300602	0.353937	0.372952	0.413502	0.250447	0.30933	0.43809	0.299218	0.318736
0.431004	0.42891	0.489903	0.450321	0.341657	0.33165	0.218978	0.32552	0.317389	0.493324
0.406853	0.420098	0.463213	0.499672	0.434853	0.390303	0.387482	0.388791	0.345354	0.416711
0.398677	0.333955	0.326096	0.429306	0.394397	0.302526	0.358133	0.399681	0.345889	0.341099
0.345387	0.402349	0.350501	0.322542	0.332377	0.502023	0.462173	0.344523	0.418593	0.48184
0.376215	0.536348	0.409701	0.34504	0.38576	0.522401	0.359839	0.382857	0.466755	0.404527
0.477729	0.467556	0.566231	0.607756	0.46751	0.491793	0.439002	0.397238	0.460435	0.364101
0.530094	0.4594	0.327176	0.455374	0.51171	0.419589	0.398553	0.424906	0.421134	0.268322
0.469584	0.355385	0.388642	0.419169	0.299615	0.394634	0.463618	0.405851	0.329081	0.469917
0.521742	0.367698	0.439468	0.419169	0.407682	0.381165	0.45502	0.448933	0.399396	0.394525
0.492941	0.496172	0.421632	0.310413	0.389441	0.420249	0.376686	0.264433	0.295864	0.451213
0.41454	0.589452	0.470673	0.346168	0.43691	0.534245	0.400425	0.313801	0.374099	0.496439
0.555263	0.547001	0.49704	0.372952	0.487887	0.506827	0.507758	0.576423	0.530657	0.454748
0.600421	0.548802	0.413642	0.402139	0.49333	0.395256	0.342524	0.635483	0.518534	0.327649
0.532631	0.454288	0.381843	0.434812	0.407682	0.332188	0.40546	0.531022	0.386858	0.483354
0.459433	0.458666	0.598329	0.486214	0.534329	0.389073	0.433566	0.527719	0.457655	0.417362
0.478477	0.361791	0.34035	0.419169	0.434853	0.335431	0.383853	0.400294	0.401826	0.409615
0.399301	0.350213	0.361478	0.390728	0.422715	0.465391	0.359839	0.353243	0.394577	0.589304
0.555263	0.528526	0.494648	0.436199	0.490211	0.577494	0.493573	0.541935	0.464638	0.459028
0.511928	0.567237	0.539858	0.601612	0.552773	0.531679	0.564132	0.638658	0.516943	0.477331
0.634437	0.597453	0.509201	0.522791	0.432126	0.306569	0.530787	0.743911	0.643229	0.624567
0.551703	0.438604	0.49069	0.497266	0.561839	0.404063	0.532479	0.542786	0.357834	0.470652
0.553479	0.408839	0.484432	0.546313	0.490989	0.394013	0.424214	0.472914	0.329081	0.400123
0.55437	0.475868	0.537219	0.45902	0.388825	0.495699	0.495126	0.45307	0.36505	0.472128
0.458717	0.573878	0.531123	0.428623	0.203411	0.474263	0.555106	0.444156	0.494505	0.638429
0.488321	0.49378	0.423653	0.553535	0.427395	0.491793	0.462173	0.68573	0.455582	0.392676
0.425667	0.444242	0.403211	0.486994	0.461651	0.422895	0.411836	0.502159	0.347499	0.379942
0.443257	0.454288	0.475211	0.483881	0.475696	0.418274	0.531632	0.440775	0.381593	0.440091
0.55259	0.53987	0.550577	0.533957	0.555473	0.406613	0.415059	0.463588	0.379273	0.413471
0.519268	0.503427	0.49704	0.494874	0.383324	0.340891	0.459298	0.561052	0.459738	0.338376

0.474749	0.332855	0.527677	0.486994	0.321706	0.445367	0.570564	0.508409	0.529021	0.585451
0.528411	0.485121	0.572844	0.544526	0.42205	0.642802	0.695145	0.623011	0.648572	0.533106
0.608426	0.457933	0.440168	0.618194	0.411554	0.545539	0.463618	0.721492	0.670626	0.517245
0.488321	0.531985	0.510024	0.521943	0.510081	0.527437	0.423554	0.646158	0.452833	0.478079
0.458717	0.46383	0.563427	0.556274	0.572975	0.47651	0.605237	0.561941	0.221475	0.484873
0.532631	0.454288	0.369749	0.513561	0.665899	0.486383	0.522421	0.605934	0.399396	0.572226
0.415186	0.380983	0.327176	0.429991	0.494113	0.417618	0.418959	0.55052	0.430793	0.433281
0.403061	0.441414	0.446527	0.352424	0.373713	0.515776	0.576154	0.432107	0.428844	0.440091
0.514361	0.579653	0.569053	0.520254	0.42205	0.436375	0.532479	0.505273	0.492999	0.48184
0.756157	0.639832	0.470673	0.664995	0.55819	0.508441	0.524914	0.526897	0.559455	0.499575
0.68198	0.57772	0.450819	0.624579	0.632306	0.584177	0.556	0.511569	0.459738	0.435992
0.55437	0.523389	0.48755	0.627807	0.651022	0.486383	0.640738	0.655994	0.553368	0.739203
0.544671	0.557001	0.380619	0.486994	0.593176	0.494133	0.406093	0.661557	0.549928	0.552226
0.53348	0.537226	0.650846	0.609824	0.51171	0.622368	0.636408	0.609892	0.642168	0.587373
0.616581	0.50998	0.764835	0.633241	0.521618	0.722335	0.567796	0.531852	0.616458	0.518066
0.651941	0.538987	0.556038	0.670918	0.652148	0.536825	0.443124	0.510777	0.613472	0.614196
0.581031	0.574835	0.478263	0.637637	0.703577	0.54642	0.415707	0.589502	0.648572	0.472867
0.647498	0.50998	0.576669	0.695452	0.526657	0.471286	0.714049	0.696517	0.539767	0.53481
0.520091	0.581595	0.661223	0.690433	0.681304	0.721015	0.921406	0.670608	0.536432	0.551338
0.581031	0.607666	0.491479	0.502091	0.735173	0.674783	0.689022	0.58198	0.630667	0.357809
0.468119	0.465316	0.540741	0.382669	0.468987	0.587073	0.614355	0.435421	0.566518	0.55759
0.47179	0.583546	0.676663	0.441089	0.463839	0.68437	0.661919	0.415274	0.439342	0.546928
0.701555	0.669776	0.619004	0.670918	0.693537	0.415003	0.524914	0.502935	0.423048	0.561203
0.632298	0.678204	0.540741	0.739234	0.798258	0.497272	0.495126	0.661557	0.477498	0.454748
0.677221	0.537226	0.637386	0.754867	0.530902	0.470544	0.715339	0.607908	0.435376	0.667558
0.586758	0.430282	0.49784	0.529628	0.616436	0.609941	0.645112	0.706335	0.726053	0.692599
0.598443	0.416091	0.473693	0.43412	0.459474	0.627653	0.525748	0.480227	0.478951	0.434635
0.507903	0.537226	0.711909	0.521943	0.433488	0.638419	0.624717	0.446879	0.577333	0.66066
0.689218	0.673368	0.715861	0.503711	0.471212	0.76394	0.729788	0.570027	0.744429	0.764526
0.535183	0.512463	0.458798	0.627807	0.58056	0.54116	0.57335	0.627129	0.717149	0.578788
0.696578	0.701939	0.442983	0.593553	0.683723	0.56905	0.489714	0.731898	0.822026	0.501943
0.619679	0.44071	0.605454	0.540091	0.485575	0.405974	0.601245	0.56462	0.457655	0.586411
0.648604	0.598463	0.686445	0.603651	0.668234	0.521567	0.600252	0.619948	0.514567	0.497221
0.645294	0.606634	0.598329	0.504523	0.480988	0.50282	0.531632	0.541086	0.488514	0.480332
0.544671	0.50998	0.663563	0.545419	0.485575	0.526594	0.450784	0.503713	0.420497	0.629846
0.507903	0.436508	0.391141	0.380219	0.613331	0.594891	0.363271	0.65269	0.579162	0.674566
0.436407	0.464572	0.449383	0.508608	0.614364	0.435691	0.397308	0.533516	0.597888	0.398873
0.574444	0.367698	0.442983	0.666173	0.578651	0.49806	0.496685	0.517153	0.505966	0.448405
0.575379	0.410148	0.529397	0.685472	0.632306	0.615076	0.695145	0.571845	0.442676	0.603068
0.558852	0.554251	0.491479	0.431363	0.566444	0.560767	0.515027	0.523625	0.594077	0.502735
0.5234	0.506691	0.510024	0.456101	0.5683	0.528283	0.434242	0.424906	0.422409	0.487162
0.508705	0.483565	0.701544	0.55811	0.529199	0.664244	0.467982	0.470023	0.432098	0.501943
0.597457	0.517472	0.572844	0.714808	0.740669	0.786339	0.810264	0.734539	0.595027	0.610116
0.489856	0.537226	0.45298	0.585641	0.642114	0.58514	0.494349	0.670608	0.659459	0.454748
0.567037	0.574835	0.50025	0.578834	0.5777	0.482559	0.422894	0.602988	0.483338	0.569444
0.799392	0.568179	0.569997	0.678134	0.684937	0.506827	0.626819	0.590452	0.490004	0.499575
0.679594	0.392164	0.43598	0.488558	0.529199	0.503619	0.524081	0.568217	0.48777	0.313064

0.526734	0.36651	0.502673	0.624579	0.409613	0.579393	0.625767	0.588555	0.460435	0.496439
0.448116	0.508332	0.540741	0.466404	0.316988	0.567195	0.588518	0.531852	0.6317	0.56668
0.455865	0.455743	0.478263	0.527052	0.505228	0.552639	0.493573	0.613887	0.527391	0.459745
0.496829	0.528526	0.380008	0.604674	0.628017	0.473517	0.389307	0.533516	0.612482	0.349374
0.642008	0.452839	0.380619	0.603651	0.476448	0.407893	0.594346	0.638658	0.512991	0.255123
0.662106	0.566296	0.560641	0.521943	0.534329	0.536825	0.582768	0.475095	0.549928	0.516426
0.488321	0.489036	0.467674	0.491705	0.550982	0.551745	0.485127	0.40523	0.401217	0.356109
0.445333	0.448519	0.664738	0.681787	0.43417	0.517423	0.614355	0.464298	0.453518	0.556691
0.653058	0.496172	0.518341	0.474675	0.432806	0.608921	0.647316	0.646158	0.604637	0.484113
0.656429	0.569124	0.528536	0.588591	0.585369	0.5813	0.488179	0.575503	0.565629	0.464075
0.731336	0.573878	0.373944	0.687945	0.798258	0.72366	0.666512	0.629202	0.758048	0.477331
0.643101	0.564421	0.455153	0.664995	0.54039	0.386625	0.629992	0.674051	0.658358	0.522192
0.595492	0.621313	0.536343	0.533088	0.508457	0.459575	0.386875	0.517153	0.62452	0.55759
0.6228	0.41212	0.501056	0.580768	0.430092	0.479524	0.491253	0.610887	0.64111	0.625618
0.646394	0.519154	0.548772	0.704378	0.485575	0.513317	0.570564	0.558395	0.526578	0.553115
0.623845	0.60253	0.527677	0.566469	0.40512	0.477262	0.553323	0.538548	0.608542	0.442155
0.545543	0.587474	0.435286	0.437591	0.487115	0.573721	0.415059	0.448933	0.647498	0.398873
0.549934	0.44071	0.401924	0.636534	0.621662	0.412404	0.423554	0.638658	0.597888	0.29648
0.68198	0.655699	0.57956	0.714808	0.596141	0.449581	0.577093	0.635483	0.537263	0.466257
0.597457	0.573878	0.532856	0.498869	0.572036	0.480281	0.434242	0.608899	0.535602	0.346045
0.499178	0.349072	0.475972	0.546313	0.53865	0.46466	0.636408	0.566415	0.404883	0.329773
0.454446	0.448519	0.501056	0.581738	0.475696	0.434326	0.576154	0.387598	0.358385	0.603068
0.373267	0.458666	0.52682	0.43412	0.414154	0.54029	0.422894	0.397847	0.570093	0.509124
0.391264	0.582569	0.591319	0.451039	0.626952	0.653955	0.376094	0.462879	0.513778	0.511545
0.423682	0.353654	0.431832	0.618194	0.571099	0.46393	0.442434	0.58761	0.562972	0.523853
0.392491	0.41809	0.510024	0.484657	0.450166	0.473517	0.467251	0.462171	0.472452	0.483354
0.463755	0.447089	0.509201	0.536576	0.450166	0.415003	0.499034	0.516351	0.393978	0.367572
0.50154	0.363555	0.55239	0.41057	0.39878	0.431609	0.549779	0.512362	0.434061	0.42063
0.605407	0.43373	0.341467	0.328465	0.644324	0.554432	0.358701	0.474367	0.488514	0.561203
0.503916	0.584525	0.38989	0.413198	0.581518	0.673599	0.446589	0.480227	0.644292	0.524686
0.52257	0.530252	0.482882	0.565532	0.561839	0.456696	0.481342	0.635483	0.558581	0.388999
0.53775	0.495373	0.442983	0.42658	0.438286	0.474263	0.489714	0.484675	0.470307	0.42791
0.543799	0.514126	0.49784	0.547209	0.450166	0.327901	0.597289	0.561941	0.406111	0.357809
0.555263	0.48279	0.483656	0.458288	0.285812	0.319451	0.692685	0.610887	0.50442	0.50993
0.763311	0.666214	0.478263	0.413198	0.39502	0.462473	0.530787	0.571845	0.588424	0.466986
0.56612	0.820825	0.525965	0.417169	0.468987	0.552639	0.549779	0.427511	0.505192	0.518066
0.499964	0.700657	0.589337	0.381443	0.667065	0.553534	0.398553	0.559279	0.530657	0.504324
0.642008	0.63872	0.50838	0.521098	0.836185	0.567195	0.481342	0.625065	0.584695	0.603068
0.536037	0.517472	0.512502	0.601612	0.526657	0.485615	0.554213	0.495233	0.416068	0.475093
0.666701	0.509155	0.342586	0.617139	0.569231	0.403428	0.460733	0.494471	0.448063	0.348262
0.585798	0.613912	0.511675	0.572132	0.486344	0.529129	0.641827	0.544493	0.595978	0.457596
0.674861	0.643183	0.654278	0.382055	0.499635	0.620272	0.560499	0.451686	0.520131	0.585451
0.55437	0.707105	0.615839	0.453201	0.53865	0.582257	0.396688	0.440102	0.548217	0.491003
0.58965	0.589452	0.474452	0.42726	0.53865	0.578442	0.426865	0.457946	0.526578	0.484113
0.484508	0.363555	0.511675	0.438987	0.505228	0.547303	0.425538	0.396629	0.350736	0.464075
0.591588	0.529388	0.421632	0.516895	0.507648	0.445367	0.457867	0.645078	0.428844	0.397626
0.653058	0.587474	0.471426	0.706962	0.708686	0.653955	0.495126	0.632332	0.487029	0.601075

0.640918	0.758056	0.690171	0.683012	0.739289	0.731693	0.555106	0.463588	0.461831	0.674566
0.581981	0.549705	0.688925	0.573083	0.574859	0.700416	0.504565	0.527719	0.538096	0.575964
0.601414	0.63872	0.543402	0.407958	0.616436	0.651701	0.365575	0.428819	0.646426	0.639514
0.452326	0.598463	0.578594	0.457558	0.523291	0.542907	0.503771	0.374684	0.417961	0.493324
0.521742	0.528526	0.427043	0.288608	0.517462	0.513317	0.436275	0.469303	0.515358	0.379345
0.619679	0.401063	0.381843	0.533957	0.52835	0.439122	0.441746	0.541935	0.540604	0.461905
0.654179	0.606634	0.58247	0.434812	0.543014	0.561679	0.410553	0.475095	0.594077	0.680494
0.536037	0.675779	0.718515	0.54186	0.563676	0.742639	0.588518	0.457946	0.594077	0.629846
0.614528	0.672167	0.63299	0.574992	0.706124	0.771278	0.553323	0.43809	0.691481	0.525521
0.76766	0.654546	0.711909	0.633241	0.610247	0.635161	0.650642	0.602011	0.699869	0.693829
0.653058	0.631019	0.441573	0.433429	0.620612	0.5125	0.586593	0.589502	0.531477	0.625618
0.787029	0.762462	0.525965	0.652242	0.73245	0.596868	0.388698	0.591404	0.416698	0.549569
0.73809	0.872772	0.665916	0.737841	0.581518	0.613015	0.404827	0.568217	0.592185	0.794509
0.655302	0.65225	0.743167	0.582711	0.445235	0.570912	0.582768	0.49753	0.496773	0.621429
0.535183	0.707105	0.661223	0.449604	0.601126	0.706749	0.680593	0.444835	0.565629	0.409615
0.551703	0.651106	0.569997	0.427941	0.737912	0.726321	0.635332	0.460053	0.613472	0.438037
0.506304	0.468305	0.578594	0.543636	0.5777	0.525752	0.564132	0.493709	0.490004	0.548687
0.658691	0.485121	0.510024	0.52449	0.575804	0.54029	0.450082	0.613887	0.56121	0.546928
0.804121	0.637612	0.628638	0.621374	0.536916	0.555331	0.495126	0.482445	0.533122	0.651631
0.499178	0.501804	0.516665	0.634336	0.557283	0.62342	0.570564	0.460758	0.543971	0.613173
0.390652	0.487466	0.631898	0.519412	0.620612	0.601849	0.497467	0.486168	0.674033	0.693829
0.573512	0.680642	0.729299	0.552625	0.698528	0.50925	0.541043	0.58012	0.515358	0.61935
0.493716	0.498577	0.602386	0.600597	0.576751	0.427566	0.522421	0.46501	0.482604	0.547806
0.562471	0.527666	0.34993	0.346168	0.504425	0.511685	0.450082	0.495233	0.454205	0.470652
0.666701	0.524241	0.42029	0.45902	0.693537	0.63733	0.510974	0.681021	0.543971	0.607081
0.585798	0.537226	0.512502	0.54186	0.462379	0.533388	0.622625	0.575503	0.50288	0.59417
0.498394	0.496172	0.669469	0.603651	0.450166	0.650579	0.617438	0.457246	0.490004	0.528035
0.453031	0.620248	0.616891	0.5798	0.550982	0.54116	0.550662	0.47219	0.591241	0.543431
0.486029	0.433038	0.537219	0.516059	0.56552	0.522401	0.583721	0.45935	0.388627	0.382339
0.458717	0.575795	0.50025	0.383899	0.598128	0.535103	0.511781	0.506838	0.484811	0.455458
0.560657	0.517472	0.56436	0.5029	0.822614	0.63733	0.555106	0.56462	0.491499	0.528035
0.428995	0.381597	0.591319	0.516895	0.570164	0.667729	0.619505	0.545349	0.494505	0.611133
0.508705	0.462348	0.452259	0.653386	0.471212	0.502023	0.663063	0.640788	0.670626	0.641692
0.440504	0.626678	0.457336	0.40861	0.433488	0.463201	0.581817	0.537705	0.60561	0.662947
0.460869	0.48047	0.437372	0.555359	0.503623	0.372215	0.524081	0.521187	0.424972	0.574091
0.512738	0.504241	0.403211	0.429991	0.65441	0.491016	0.443124	0.511569	0.559455	0.475838
0.528411	0.47207	0.369749	0.348433	0.622715	0.439812	0.439686	0.669466	0.506741	0.50993
0.613505	0.390907	0.488333	0.500477	0.657825	0.741256	0.727125	0.700173	0.544817	0.693829
0.623845	0.455743	0.49306	0.584662	0.491768	0.587073	0.707656	0.567315	0.542285	0.609102
0.572581	0.575795	0.544292	0.45902	0.438286	0.443972	0.485127	0.321408	0.570093	0.721792
0.437768	0.511634	0.549674	0.45902	0.458751	0.415003	0.532479	0.340762	0.430793	0.513166
0.368591	0.449954	0.476734	0.341674	0.396896	0.440502	0.459298	0.374106	0.554232	0.589304
0.41454	0.533725	0.45588	0.341116	0.46457	0.370447	0.319077	0.403991	0.6317	0.592217
0.544671	0.595439	0.473693	0.471649	0.552773	0.603858	0.447285	0.531852	0.596932	0.606075
0.536893	0.458666	0.475211	0.586622	0.63882	0.5813	0.597289	0.640788	0.478224	0.5549
0.477729	0.469056	0.590327	0.563665	0.592193	0.495699	0.541909	0.411481	0.486288	0.634117
0.499964	0.460871	0.687683	0.516059	0.536052	0.665403	0.656244	0.528542	0.409199	0.507518

0.565205	0.357123	0.517502	0.585641	0.477202	0.572782	0.489714	0.492949	0.48777	0.478829
0.450216	0.421442	0.455153	0.432739	0.483275	0.518248	0.3222	0.335446	0.389218	0.447706
0.479977	0.635403	0.506741	0.453924	0.537782	0.56998	0.446589	0.343984	0.484074	0.533957
0.571652	0.466062	0.454428	0.391981	0.448045	0.54466	0.481342	0.482445	0.438679	0.48184
0.518446	0.415427	0.404501	0.461958	0.551877	0.478014	0.480589	0.355451	0.368986	0.524686
0.461589	0.407533	0.527677	0.414518	0.29513	0.470544	0.456441	0.397847	0.44942	0.587373
0.464479	0.39028	0.49784	0.403425	0.325411	0.3681	0.374323	0.505273	0.452833	0.502735
0.461589	0.383443	0.514163	0.397665	0.420063	0.519905	0.444507	0.467867	0.44671	0.633045
0.406219	0.598463	0.499445	0.407958	0.42205	0.565349	0.434242	0.441449	0.595978	0.676928
0.447419	0.383443	0.432521	0.521098	0.527503	0.293565	0.475353	0.54879	0.556836	0.499575
0.440504	0.424143	0.401282	0.403425	0.574859	0.432287	0.514214	0.469303	0.401826	0.496439
0.625943	0.51496	0.539858	0.548107	0.535189	0.447469	0.650642	0.517957	0.497532	0.486398
0.772054	0.660341	0.496241	0.551718	0.504425	0.491793	0.567796	0.538548	0.450101	0.322384
0.437087	0.503427	0.461	0.448173	0.363149	0.525752	0.556	0.400294	0.351278	0.323957
0.410679	0.353654	0.45298	0.466404	0.367227	0.51006	0.411194	0.43943	0.381593	0.531409
0.439134	0.500995	0.657737	0.629972	0.569231	0.494133	0.60624	0.730584	0.645358	0.455458
0.51112	0.550611	0.383687	0.512732	0.554571	0.481798	0.412478	0.664929	0.59313	0.393291
0.545543	0.659175	0.36265	0.412539	0.49726	0.469804	0.436275	0.561052	0.387447	0.423924
0.597457	0.48279	0.441573	0.533088	0.484807	0.461022	0.597289	0.526897	0.409819	0.355544
0.585798	0.558844	0.359144	0.527909	0.584403	0.56905	0.560499	0.477287	0.444016	0.471389
0.568877	0.546103	0.453703	0.46715	0.494113	0.472772	0.649531	0.513157	0.407961	0.538238
0.458003	0.330665	0.562497	0.456829	0.53865	0.59985	0.698861	0.520377	0.481139	0.598102
0.55259	0.527666	0.514995	0.476958	0.561839	0.556232	0.467251	0.475095	0.551644	0.493324
0.585798	0.624524	0.4501	0.393238	0.462379	0.598854	0.560499	0.595231	0.519332	0.518888
0.560657	0.601509	0.479797	0.511904	0.552773	0.494133	0.459298	0.618932	0.5903	0.38294
0.602408	0.696833	0.644064	0.550812	0.6777	0.63733	0.51666	0.503713	0.527391	0.338919
0.476982	0.533725	0.541626	0.477722	0.625889	0.543782	0.479086	0.476555	0.570093	0.4077
0.503123	0.431658	0.464695	0.643196	0.514166	0.344201	0.652874	0.569121	0.346961	0.48184
0.669017	0.600492	0.424329	0.513561	0.554571	0.639511	0.658505	0.416546	0.484811	0.491003
0.609437	0.595439	0.480566	0.477722	0.581518	0.574661	0.434919	0.50061	0.521734	0.516426
0.689218	0.733902	0.637386	0.417835	0.567371	0.689245	0.563221	0.618932	0.466048	0.425912
0.624892	0.565358	0.503483	0.460487	0.5777	0.472028	0.378467	0.592357	0.401826	0.492549
0.707858	0.68804	0.629722	0.418501	0.417427	0.478014	0.392982	0.516351	0.473169	0.490232
0.55259	0.684325	0.538976	0.643196	0.653278	0.558947	0.488179	0.603968	0.454205	0.451917
0.729998	0.623451	0.57956	0.706962	0.616436	0.50925	0.609266	0.581049	0.512991	0.496439
0.466659	0.452116	0.631898	0.545419	0.53865	0.49806	0.572419	0.595231	0.544817	0.549569
0.561563	0.511634	0.613742	0.510253	0.561839	0.651701	0.695145	0.657101	0.763617	0.741945
0.631232	0.698104	0.610615	0.572132	0.691062	0.565349	0.52325	0.632332	0.65726	0.654995
0.468851	0.428226	0.604429	0.555359	0.639915	0.56351	0.645112	0.58012	0.452833	0.500363
0.37978	0.42077	0.590327	0.467896	0.49726	0.527437	0.502186	0.588555	0.50288	0.414117
0.636587	0.57772	0.458067	0.461958	0.579605	0.537689	0.412478	0.574586	0.438679	0.378749
0.791624	0.597453	0.474452	0.672112	0.698528	0.722335	0.575217	0.602988	0.531477	0.55849
0.67604	0.627759	0.653131	0.670918	0.502023	0.691702	0.651757	0.536025	0.531477	0.598102
0.568877	0.605604	0.607511	0.689188	0.462379	0.648342	0.724478	0.690491	0.72734	0.633045
0.586758	0.691786	0.509201	0.454648	0.658969	0.692937	0.509363	0.512362	0.568302	0.674566
0.559754	0.750812	0.669469	0.590569	0.5777	0.514954	0.640738	0.640788	0.627583	0.522192
0.517626	0.538105	0.642944	0.53921	0.671759	0.635161	0.724478	0.760464	0.702296	0.410256

0.548173	0.796212	0.603406	0.654533	0.778202	0.666564	0.605237	0.710075	0.514567	0.510736
0.609437	0.79781	0.556955	0.725495	0.73245	0.59985	0.687808	0.595231	0.533947	0.488694
0.440504	0.6256	0.593311	0.678134	0.683723	0.657358	0.780747	0.71638	0.676319	0.671048
0.581981	0.559769	0.49784	0.774099	0.717774	1.004728	0.728454	0.347773	0.707191	0.843765
0.468119	0.642063	0.445106	0.554446	0.530902	0.765397	0.547139	0.312796	0.497532	0.577845
0.543799	0.679421	0.617946	0.518571	0.339456	0.478014	0.633188	0.430789	0.584695	0.499575
0.570725	0.561624	0.50756	0.521098	0.624828	0.519905	0.462173	0.356004	0.66167	0.511545
0.559754	0.756598	0.658896	0.559031	0.872091	0.694174	0.679402	0.662678	0.807833	0.705051
0.617611	0.655699	0.74176	0.672112	0.73654	0.798774	0.843667	0.69895	0.580079	0.648293
0.623845	0.631019	0.687683	0.627807	0.651022	0.67597	0.735164	0.610887	0.562091	0.591244
0.670179	0.593434	0.717186	0.740632	0.591211	0.681954	0.770359	0.560164	0.677467	0.753089
0.562471	0.820825	0.754589	0.619251	0.458029	0.469066	0.584676	0.60692	0.586556	0.590273
0.495269	0.674572	0.494648	0.596558	0.570164	0.523236	0.353054	0.38168	0.609523	0.516426
0.520091	0.689285	0.600353	0.484657	0.543892	0.565349	0.576154	0.528542	0.831752	0.763079
0.646394	0.848714	0.719849	0.648827	0.733809	0.710593	0.768895	0.642928	0.693861	0.893442
0.818623	0.722984	0.628638	0.742035	0.572975	0.571846	0.57335	0.675205	0.533947	0.647186
0.808901	0.4797	0.670659	0.743442	0.620612	0.674783	0.716633	0.592357	0.613472	0.754502
0.671345	0.52595	0.761883	0.730939	0.648778	0.726321	0.800724	0.681021	0.782228	0.684091
0.913474	0.67699	0.679088	0.666173	0.5777	0.415656	0.503771	0.471466	0.714638	0.539099
0.677221	0.654546	0.606481	0.546313	0.54039	0.625531	0.576154	0.462879	0.702296	0.606075
0.561563	0.894224	0.709294	0.219696	0.607186	0.857804	0.736518	0.58761	0.751185	0.803924
0.644196	0.6256	0.675456	0.545419	0.54039	0.748218	0.578033	0.743911	0.508295	0.531409
0.642008	0.288045	0.520024	0.611901	0.604145	0.694174	0.667668	0.663802	0.570992	0.664095
0.714253	0.529388	0.7106	0.718785	0.661267	0.613015	0.551547	0.444156	0.453518	0.638429
0.629109	0.632111	0.877507	0.853546	0.782749	0.786339	0.750299	0.618932	0.50288	0.475093
0.804121	0.609738	0.63299	0.760695	0.610247	0.600849	0.67703	0.501384	0.523343	0.586411
0.690436	0.716297	0.721186	0.632148	0.463108	0.641702	0.672324	0.482445	0.691481	0.685296
0.591588	0.653396	0.640712	0.491705	0.432126	0.697909	0.785276	0.795592	0.731225	0.74609
0.399925	0.404286	0.559717	0.595554	0.62377	0.566271	0.650642	0.60692	0.571892	0.467717
0.555263	0.543421	0.718515	0.638743	0.724383	0.590964	0.596306	0.553129	0.407344	0.560297
0.726008	0.357704	0.560641	0.452479	0.62377	0.667729	0.803881	0.536025	0.533947	0.621429
0.500752	0.415427	0.616891	0.596558	0.676505	0.605876	0.594346	0.527719	0.434061	0.402634
0.618644	0.438604	0.34993	0.446036	0.416115	0.496485	0.508559	0.425556	0.402436	0.47435
0.530938	0.535472	0.638492	0.527052	0.31751	0.417618	0.443815	0.470744	0.548217	0.585451
0.470318	0.739466	0.763357	0.70053	0.474196	0.527437	0.38205	0.480965	0.549072	0.524686
0.654179	0.540755	0.607511	0.628888	0.621662	0.533388	0.448682	0.45935	0.594077	0.496439
0.482237	0.434423	0.429089	0.730939	0.767773	0.555331	0.485127	0.493709	0.458348	0.402005
0.492168	0.424143	0.347091	0.628888	0.51829	0.404063	0.440372	0.574586	0.484074	0.436673
0.479977	0.39914	0.396182	0.617139	0.63123	0.473517	0.389918	0.609892	0.352908	0.38054
0.532631	0.487466	0.403855	0.436199	0.453722	0.527437	0.551547	0.589502	0.458348	0.392676
0.452326	0.42891	0.518341	0.366395	0.338359	0.439812	0.392982	0.363267	0.38451	0.468449
0.374444	0.35193	0.45588	0.352424	0.39502	0.446767	0.367891	0.432107	0.442007	0.304944
0.469584	0.38406	0.358563	0.37657	0.348891	0.36229	0.30933	0.366661	0.457655	0.394525
0.330223	0.485121	0.402567	0.39703	0.436223	0.417618	0.415707	0.388791	0.507517	0.355544
0.401176	0.394688	0.331523	0.430676	0.363729	0.335974	0.323771	0.444156	0.469594	0.42063
0.465205	0.418758	0.380619	0.40601	0.414154	0.349213	0.287083	0.382857	0.302598	0.296973
0.455155	0.42891	0.334812	0.382055	0.35227	0.256739	0.257286	0.314807	0.275355	0.32871

0.617611	0.468305	0.57956	0.352424	0.323819	0.290619	0.373147	0.387003	0.338982	0.386565
0.777982	0.568179	0.575709	0.556274	0.556377	0.432287	0.373147	0.294624	0.313893	0.410256
1.001286	0.916791	0.696452	0.591562	0.703577	0.604866	0.459298	0.496763	0.505192	0.365833
1.026985	1.547756	0.879431	0.679348	1.184422	0.809956	0.511781	0.774757	0.623504	0.485635
1.485755	1.0874	1.697973	1.950674	1.16932	1.100752	0.983823	0.768983	0.71841	0.669881
1.233164	0.940595	0.842479	0.969427	0.919507	0.748218	0.746119	0.904136	0.788118	0.565762
1.372468	1.225811	0.905254	0.907633	1.504939	1.047287	1.173106	1.660528	1.336208	0.753089
2.064687	1.60544	1.948698	1.739123	1.386151	1.728193	1.62741	1.237923	1.531247	1.229364
0.938652	0.940595	1.091491	0.94859	0.972742	1.464952	1.559198	0.722779	0.99738	1.373301
0.643101	0.712334	1.120737	1.40531	1.123577	1.361367	1.343379	0.832152	1.099774	1.590079
0.967685	1.063138	1.107495	1.540904	1.004557	0.939013	0.965056	0.988088	0.798622	0.777763
0.837033	0.785186	0.907305	0.950856	1.033426	0.818123	0.751702	0.995271	1.134556	0.833457
0.613505	0.620248	0.781442	0.648827	0.824287	0.965969	0.983823	1.025255	1.102823	0.905298
0.665547	0.80264	1.058231	0.988827	0.676505	0.685584	0.909123	0.814282	0.72477	0.90131
0.586758	0.636506	0.69142	0.756317	0.696025	0.672419	0.719232	0.650502	0.663891	0.628785
0.630169	0.592435	0.68521	0.582711	0.36257	0.502023	0.557794	0.507623	0.566518	0.494879
0.525064	0.4594	0.706695	0.654533	0.560924	0.759595	0.753109	0.806397	0.822026	0.682889
0.76766	0.583546	0.596315	0.825418	0.739289	0.481798	0.488179	0.472914	0.566518	0.454748
0.631232	0.599476	0.425006	0.546313	0.563676	0.514954	0.491253	0.414006	0.440007	0.450509
0.544671	0.68556	0.736178	0.52449	0.560011	0.808341	0.716633	0.613887	0.895183	0.797625
0.680786	0.827631	0.730666	0.772589	0.785806	0.731693	0.678214	0.571845	0.809387	0.56668
0.654179	0.553338	0.688925	0.490916	0.546537	0.567195	0.693914	0.648324	0.577333	0.352728
0.662106	0.48047	0.534596	0.536576	0.564597	0.497272	0.627874	0.506838	0.570093	0.650515
0.837033	0.444242	0.503483	0.771084	0.9216	0.850637	1.02398	0.729273	0.999788	0.907306
0.825228	0.624524	0.439468	0.718785	1.004557	0.977714	0.617438	0.55052	0.702296	0.830074
0.614528	0.568179	0.636283	0.652242	0.599125	0.719698	0.67703	0.629202	0.598845	0.865145
0.590618	0.555165	0.833712	0.762164	0.683723	0.808341	0.760213	0.812694	0.72477	0.923712
0.837033	0.668585	0.56436	0.803833	0.779712	0.74542	0.813491	0.783564	0.685587	0.83858
0.632298	0.925297	0.640712	0.616086	0.693537	0.61611	0.586593	0.795592	0.792589	0.635191
0.715544	0.747947	0.482882	0.623508	0.535189	0.640605	0.708927	1.242165	0.951844	1.040507
1.051491	0.824215	0.973841	0.955425	0.712558	0.794069	0.845407	0.752109	0.679772	0.887633
0.507103	0.711021	0.877507	0.784818	0.58828	0.840104	0.648422	0.630243	0.62452	0.563021
0.520091	0.640946	0.521713	0.983895	0.796682	0.694174	0.911147	0.815877	0.812513	0.727075
0.878248	0.94732	1.035547	0.832281	0.807837	0.850637	1.042788	0.956052	1.07612	1.098968
0.617611	0.774433	0.96202	0.631059	0.634467	0.582257	0.744734	0.777673	0.920574	1.001307
0.465931	0.686798	0.763357	0.476958	0.889272	0.657358	0.739239	0.763285	0.936971	0.78076
0.50471	0.793033	0.893145	0.709562	1.302954	1.254661	1.286871	0.611885	0.692669	0.965355
0.967685	1.010428	1.013989	0.9766	0.661267	0.722335	1.158526	0.71638	0.653981	0.800763
0.940818	0.678204	0.570944	0.594552	0.770727	0.870638	0.823319	1.246449	1.032359	0.77183
0.876372	0.876594	0.657737	0.603651	0.958809	0.982502	0.97669	0.983364	1.037594	0.623518
1.074499	1.256928	1.085251	0.971805	1.246251	1.017585	0.848907	0.832152	0.89329	0.789878
1.029641	0.793033	0.77533	1.127948	0.958809	0.718386	0.737877	0.774757	0.575512	0.880007
0.899433	0.720297	0.627557	0.955425	0.720406	0.82982	0.872372	1.04646	0.719674	1.185215
0.837033	0.80264	0.635182	0.885575	0.947531	0.686801	0.653995	0.932441	0.690296	0.515609
0.793167	0.71896	0.540741	0.657992	0.687377	0.786339	0.544516	0.619948	0.720942	0.732424
0.531784	0.568179	0.71454	0.691683	0.484807	0.67597	0.764532	0.47802	0.722215	0.761638
0.557952	0.925297	0.866137	0.588591	0.572975	0.806732	0.64292	0.609892	0.828486	0.857901

1.105087	0.788308	0.581498	0.490916	0.448045	0.396504	0.829996	0.697732	0.89329	0.67339
0.666701	0.809165	0.550577	0.574036	0.704849	0.574661	0.703865	0.73987	0.640054	0.717871
0.669017	0.758056	0.648574	0.887534	0.9216	0.821433	0.816742	0.908068	0.686759	0.861508
0.763311	1.037371	0.955078	0.535701	0.408325	0.56998	0.590452	0.503713	0.697456	0.622473
0.575379	0.654546	0.648574	0.552625	0.555473	0.416963	0.557794	0.541935	0.530657	0.451917
0.638747	0.54253	0.706695	0.877823	0.735173	0.603858	0.85421	0.916042	0.910632	0.774786
0.69906	0.902295	0.82342	0.926553	0.919507	0.761038	0.684185	0.73987	0.580999	0.733771
0.788555	0.620248	0.688925	0.583685	0.501226	0.570912	0.746119	0.432107	0.573698	0.634117
0.629109	0.41344	0.619004	0.550812	0.618519	0.468328	0.540179	0.496763	0.703515	0.675745
0.479226	0.698104	0.734793	0.762164	0.807837	0.780252	0.782251	0.493709	0.544817	0.563021
0.696578	0.478931	0.501056	0.506153	0.410906	0.372806	0.391754	0.27076	0.339509	0.416061
0.460869	0.440007	0.371542	0.247581	0.284359	0.3681	0.422236	0.332812	0.239122	0.40516
0.261459	0.370083	0.365004	0.307821	0.482512	0.310138	0.376094	0.499067	0.436694	0.45333
0.335578	0.514126	0.429773	0.380219	0.454437	0.459575	0.323771	0.400908	0.315887	0.286247
0.377994	0.326318	0.340908	0.361103	0.388825	0.349773	0.3222	0.300923	0.267684	0.33513
0.415186	0.337824	0.214883	0.153662	0.29513	0.367516	0.261354	0.338096	0.279932	0.330306
0.359957	0.420098	0.416289	0.316699	0.429416	0.366932	0.381451	0.394808	0.304054	0.268784
0.25784	0.238504	0.337019	0.263157	0.281947	0.27194	0.317006	0.309797	0.383925	0.254675
0.246282	0.2328	0.249638	0.245785	0.299615	0.361713	0.389918	0.374684	0.348036	0.349374
0.379183	0.452839	0.498642	0.446747	0.380298	0.416963	0.441058	0.332287	0.368986	0.32871
0.347043	0.326859	0.232782	0.254841	0.311806	0.39588	0.33011	0.3599	0.344819	0.412182
0.399301	0.311437	0.330977	0.278828	0.26037	0.249556	0.431545	0.396021	0.456963	0.381139
0.352611	0.342849	0.420961	0.334469	0.41677	0.326835	0.281814	0.384038	0.327538	0.226921
0.401176	0.458666	0.336466	0.265964	0.290691	0.338153	0.288531	0.307314	0.342687	0.343291
0.28383	0.332307	0.36737	0.391354	0.365475	0.497272	0.449381	0.457946	0.393978	0.441465
0.430333	0.48047	0.52682	0.50697	0.390057	0.37399	0.363846	0.43343	0.417329	0.410256
0.490625	0.404933	0.359727	0.318285	0.254913	0.439812	0.424214	0.305337	0.339509	0.346598
0.468119	0.4255	0.26389	0.451039	0.424047	0.442581	0.462173	0.569121	0.444016	0.499575
0.624892	0.666214	0.527677	0.416505	0.544772	0.701675	0.535031	0.486168	0.459043	0.491003
0.492941	0.495373	0.472181	0.291088	0.32329	0.423559	0.431545	0.283699	0.327538	0.38294
0.274368	0.314057	0.326635	0.359354	0.364892	0.298023	0.404196	0.416546	0.402436	0.47435
0.325986	0.415427	0.36265	0.49408	0.599125	0.527437	0.517478	0.476555	0.50058	0.564846
0.332357	0.402994	0.465438	0.338889	0.35227	0.487151	0.541909	0.420384	0.406727	0.478829
0.381573	0.337824	0.463213	0.333371	0.443138	0.469066	0.492798	0.437421	0.633774	0.627727
0.551703	0.491401	0.524259	0.447459	0.58056	0.449581	0.665359	0.450307	0.497532	0.561203
0.393105	0.391535	0.433901	0.33392	0.369574	0.262664	0.382651	0.345063	0.464638	0.444228
0.240184	0.418758	0.231913	0.375965	0.400672	0.402794	0.19377	0.430131	0.496016	0.550453
0.435728	0.523389	0.445816	0.518571	0.600125	0.59786	0.387482	0.502935	0.56121	0.641692
0.402432	0.432347	0.4501	0.458288	0.409613	0.386014	0.416355	0.508409	0.375817	0.384145
0.431004	0.377928	0.469921	0.40861	0.291182	0.386625	0.473869	0.378751	0.403658	0.425249
0.403061	0.445663	0.412982	0.445326	0.363729	0.589014	0.462895	0.452377	0.441339	0.410256
0.396812	0.271055	0.273818	0.375361	0.345537	0.453124	0.34417	0.363831	0.441339	0.481086
0.418434	0.296544	0.257856	0.282714	0.426723	0.386014	0.401052	0.397847	0.559455	0.511545
0.50154	0.387159	0.343146	0.318815	0.454437	0.591943	0.541043	0.440775	0.469594	0.442155
0.61045	0.429595	0.502673	0.467896	0.440359	0.413053	0.441746	0.517153	0.442007	0.352728
0.536893	0.317223	0.321802	0.383284	0.366058	0.372806	0.468713	0.611885	0.358385	0.436673
0.369755	0.410805	0.420961	0.449604	0.448045	0.386625	0.465794	0.378168	0.390403	0.513979

0.44119	0.474345	0.404501	0.473917	0.445936	0.448876	0.417655	0.401523	0.489258	0.499575
0.396192	0.469807	0.524259	0.499672	0.43691	0.319451	0.367891	0.402755	0.432751	0.500363
0.418434	0.466808	0.482882	0.546313	0.52835	0.503619	0.492025	0.509986	0.355638	0.502735
0.520091	0.51496	0.475211	0.529628	0.527503	0.466123	0.499034	0.509986	0.494505	0.347706
0.546418	0.530252	0.399363	0.554446	0.482512	0.399638	0.558694	0.710075	0.652894	0.449807
0.540332	0.365326	0.574752	0.527052	0.473448	0.459575	0.67467	0.619948	0.516943	0.568521
0.697817	0.698104	0.676663	0.557191	0.634467	0.475011	0.540179	0.518762	0.505966	0.59515
0.441878	0.57197	0.550577	0.470896	0.547423	0.535103	0.512591	0.52281	0.465343	0.539962
0.388212	0.430282	0.745994	0.606726	0.344425	0.491016	0.561404	0.546207	0.428844	0.454748
0.601414	0.537226	0.680305	0.603651	0.547423	0.578442	0.598274	0.569121	0.617457	0.551338
0.570725	0.574835	0.458798	0.406658	0.502822	0.646118	0.452192	0.4428	0.604637	0.546928
0.550818	0.683094	0.48755	0.368174	0.410906	0.484849	0.518298	0.552258	0.552505	0.409615
0.553479	0.531118	0.533725	0.689188	0.596141	0.609941	0.610279	0.683369	0.516943	0.512354
0.502331	0.541642	0.353937	0.572132	0.543892	0.468328	0.473129	0.426206	0.439342	0.530563
0.465931	0.516633	0.44369	0.467896	0.448751	0.400267	0.411194	0.449619	0.512991	0.41932
0.549934	0.517472	0.515829	0.310934	0.489435	0.378161	0.512591	0.460053	0.444688	0.429916
0.617611	0.481242	0.466927	0.356453	0.374308	0.231247	0.373735	0.388791	0.432751	0.421287
0.386391	0.417423	0.496241	0.50943	0.308726	0.392773	0.414412	0.387003	0.345354	0.360087
0.461589	0.387159	0.391141	0.411226	0.310263	0.420909	0.388698	0.331239	0.477498	0.395763
0.383374	0.357704	0.433901	0.378391	0.306176	0.390303	0.503771	0.353794	0.297298	0.385354
0.294481	0.248784	0.260167	0.347865	0.353403	0.320498	0.227297	0.351595	0.354544	0.396383
0.256041	0.276805	0.221191	0.38637	0.31439	0.278077	0.251919	0.362142	0.330112	0.372243
0.330223	0.312483	0.294381	0.286635	0.328612	0.329503	0.372559	0.380506	0.395777	0.358378
0.24105	0.263971	0.250997	0.383284	0.315947	0.300519	0.349145	0.379335	0.293484	0.247568
0.352611	0.299584	0.300949	0.246682	0.329684	0.381165	0.386269	0.314807	0.353452	0.31409
0.25784	0.354807	0.353937	0.404715	0.316467	0.393392	0.350258	0.348316	0.237867	0.423924
0.286228	0.289036	0.352216	0.314069	0.305668	0.366349	0.292905	0.299948	0.258828	0.254227
0.398054	0.324161	0.400642	0.366987	0.425383	0.386625	0.323771	0.279963	0.395176	0.308478
0.465205	0.372482	0.493853	0.548107	0.541263	0.536825	0.47018	0.387003	0.498292	0.391447
0.590618	0.572923	0.717186	0.922277	0.691062	0.510872	0.61538	0.741213	0.533122	0.351607
0.940818	1.521554	1.049585	2.272167	1.255202	1.553893	0.563126	1.311334	0.936971	1.527027
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1.409171	0.857468	1.170547	1.3394	0.795112	0.590964	0.665359	0.912037	0.695056	0.504324
1.001286	0.713651	0.636283	0.794222	0.815985	0.494915	0.379062	0.536025	0.719674	0.47435
0.633366	0.525095	0.597321	0.568348	0.603137	0.472028	0.447983	0.331239	0.381012	0.429246
0.624892	0.513294	0.425006	0.559031	0.501226	0.405974	0.506158	0.394202	0.331146	0.387781
0.448815	0.388405	0.383687	0.412539	0.36026	0.360561	0.432891	0.36158	0.381012	0.376372
0.280495	0.395321	0.393024	0.252559	0.34833	0.222374	0.452897	0.499838	0.457655	0.41932
0.342092	0.449236	0.361478	0.301662	0.34387	0.314769	0.614355	0.619948	0.535602	0.405793
0.458717	0.403639	0.520024	0.601612	0.420063	0.428237	0.416355	0.476555	0.416068	0.259176
0.584841	0.400421	0.445816	0.433429	0.278117	0.293565	0.289499	0.36158	0.348036	0.189896
0.482237	0.368889	0.325557	0.409916	0.316467	0.354283	0.367891	0.392994	0.429493	0.357242
0.429663	0.573878	0.627557	0.532221	0.626952	0.771278	0.818377	0.814282	1.25089	1.535493

1.588336	0.214832	0.373526	2.082328	0.26611	0.133055	0.066528	0.033264	0.016632	0.008316
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0.830923	1.128368	0.536065	0.268033	0.134016	0.75335	1.90872	2.129397	0.35748	0.17874
0.601589	1.07213	1.49016	1.421676	1.372684	1.9225	1.719105	0.939915	0.71496	1.403457
0.976793	1.402872	1.497913	0.913203	0.80905	1.19499	1.167062	0.889756	0.590215	0.86868
1.115499	0.84993	1.088487	0.633134	0.651636	0.810769	0.905325	1.173695	1.116268	0.615121
0.750577	0.877116	0.794399	0.710165	0.794933	0.563811	0.522898	0.564946	0.63828	0.819957
0.528097	0.504039	0.497663	0.572354	0.769459	0.747503	0.674465	0.543936	0.848323	0.859569
0.616869	0.540376	0.602358	0.571426	0.784262	0.67806	0.715636	0.899335	0.77137	0.739089
0.575371	0.564278	0.632214	0.779228	0.597462	0.39868	0.731152	0.885983	0.755502	0.661697
0.812643	0.752739	0.870335	0.743325	0.572714	0.531832	0.987299	0.745908	0.63828	0.673284
0.68401	0.632105	0.681834	0.659591	0.625791	0.489773	0.496805	0.581399	0.677882	0.829947
0.495543	0.495411	0.625866	0.592333	0.260902	0.351649	0.528641	0.560484	0.464937	0.487071
0.534911	0.585731	0.580058	0.544447	0.420522	0.57471	0.645421	0.610285	0.59803	0.567503
0.422135	0.533539	0.4338	0.52152	0.607368	0.669968	0.676782	0.732511	0.916558	0.565666
0.591693	0.465407	0.362968	0.563154	0.608372	0.591589	0.504548	0.626515	0.689893	0.60197
0.588768	0.563369	0.444043	0.740577	0.620595	0.650922	0.577536	0.609291	0.680257	0.495567
0.421473	0.680448	0.610391	0.449999	0.469449	0.556695	0.626394	0.424415	0.539127	0.656017
0.529791	0.340323	0.569784	0.580804	0.502004	0.316261	0.501434	0.454647	0.289475	0.417276
0.52473	0.417423	0.502379	0.555038	0.454395	0.34836	0.617184	0.633811	0.385587	0.314009
0.508274	0.428598	0.486854	0.432132	0.440527	0.561129	0.479504	0.489398	0.507594	0.552131
0.445951	0.522654	0.576294	0.425451	0.442579	0.4318	0.426791	0.26311	0.337034	0.347624
0.554221	0.501669	0.475563	0.386178	0.623705	0.60915	0.462866	0.247287	0.486504	0.404442
0.394556	0.42068	0.465284	0.311775	0.56085	0.585889	0.62433	0.416696	0.550462	0.606981
0.515602	0.516088	0.42644	0.464261	0.495759	0.340244	0.235073	0.345688	0.419514	0.36172
0.612742	0.771393	0.627972	0.593308	0.499651	0.495866	0.349784	0.534636	0.465663	0.541598
0.439012	0.48316	0.621685	0.628877	0.453691	0.556695	0.561212	0.708142	0.675519	0.548591
0.401446	0.601306	0.659708	0.238251	0.29224	0.590634	0.509261	0.445014	0.404107	0.498698

0.696283	0.669875	0.84179	0.491176	0.602387	0.68869	0.684989	0.388317	0.417558	0.648189
0.553325	0.338155	0.598397	0.598214	0.547552	0.38778	0.608166	0.505521	0.443009	0.414678
0.850006	0.528481	0.36874	0.386178	0.667455	0.402375	0.421597	0.46879	0.642628	0.507426
0.877458	0.497748	0.542941	0.592333	0.56085	0.656437	0.577536	0.562264	0.629714	0.573061
0.517247	0.549955	0.651833	0.648371	0.485043	0.594467	0.653051	0.601416	0.413028	0.420544
0.249563	0.392823	0.601365	0.428111	0.402648	0.492809	0.486192	0.554314	0.394748	0.446921
0.379893	0.59736	0.492997	0.358039	0.551058	0.681574	0.518843	0.618324	0.406637	0.745975
0.46967	0.388551	0.482302	0.396598	0.395822	0.427847	0.411392	0.484153	0.43889	0.405075
0.411021	0.495411	0.500014	0.27416	0.355292	0.454209	0.313087	0.151604	0.469312	0.662842
0.578207	0.504832	0.479294	0.312286	0.521295	0.49053	0.296807	0.287981	0.761205	0.628683
0.513145	0.340323	0.415304	0.418872	0.462215	0.45841	0.52535	0.439604	0.467849	0.446224
0.428135	0.407161	0.458088	0.659591	0.476805	0.450047	0.555904	0.478972	0.362061	0.373924
0.385334	0.729495	0.538624	0.542706	0.378325	0.600281	0.502211	0.329743	0.307273	0.453242
0.57443	0.448351	0.464559	0.553255	0.428414	0.466937	0.495273	0.442301	0.46858	0.299369
0.538359	0.615408	0.578172	0.50132	0.595507	0.686305	0.567487	0.432273	0.412384	0.420544
0.894803	0.711244	0.632214	0.498173	0.80905	0.700815	0.446841	0.384156	0.585401	0.506626
0.591693	0.642877	0.501589	0.564066	0.553707	0.541948	0.657472	0.482667	0.608	0.469093
0.52641	0.525974	0.631149	0.592333	0.527086	0.364494	0.408251	0.460249	0.387404	0.332898
0.448758	0.896234	0.728453	0.533257	0.362074	0.547959	0.52617	0.445014	0.353558	0.504232
0.566972	0.487714	0.556155	0.581753	0.341493	0.714556	0.725918	0.604352	0.406637	0.638326
0.372152	0.512035	0.504756	0.433481	0.433085	0.362233	0.514825	0.489398	0.402219	0.327568
0.719288	0.496189	0.4338	0.317942	0.495759	0.519509	0.434036	0.475308	0.495751	0.33721
0.558732	0.50722	0.536909	0.47751	0.549301	0.662024	0.570205	0.526351	0.518947	0.397542
0.337566	0.466859	0.528435	0.495049	0.345313	0.472716	0.570205	0.390112	0.476704	0.553911
0.330538	0.590539	0.525925	0.44581	0.390924	0.48751	0.474372	0.462369	0.349646	0.369234
0.612742	0.724201	0.645194	0.461371	0.608372	0.554055	0.419023	0.281862	0.52808	0.391362
0.39146	0.50722	0.480044	0.405371	0.483533	0.44661	0.497573	0.390712	0.552233	0.632943
0.509891	0.515275	0.485331	0.462091	0.50516	0.413019	0.336319	0.457439	0.35076	0.325982
0.501067	0.411621	0.328803	0.422149	0.483533	0.44252	0.38273	0.557829	0.352436	0.330225
0.355934	0.398377	0.30109	0.38136	0.454395	0.479311	0.474372	0.470952	0.40537	0.525428
0.414911	0.456795	0.539484	0.422808	0.344218	0.576553	0.526992	0.326623	0.434133	0.460376
0.478627	0.417423	0.408247	0.411106	0.500434	0.55935	0.378034	0.404749	0.534845	0.545081
0.536632	0.477161	0.420508	0.457071	0.554593	0.513078	0.392276	0.511032	0.459888	0.384665
0.281409	0.339238	0.341166	0.459216	0.363215	0.443879	0.367081	0.473851	0.470781	0.484783
0.304521	0.25567	0.344999	0.386178	0.331292	0.325488	0.351977	0.408486	0.290931	0.324928
0.49164	0.364917	0.472601	0.428111	0.353613	0.301795	0.354735	0.337642	0.28227	0.345411
0.313709	0.423303	0.392624	0.306702	0.365506	0.356074	0.38214	0.393121	0.337575	0.398788
0.331075	0.409704	0.385924	0.285059	0.383081	0.361669	0.297776	0.329222	0.314396	0.285687
0.358786	0.364342	0.308107	0.235245	0.230409	0.313732	0.279251	0.32045	0.328472	0.312983
0.361081	0.325368	0.311149	0.365482	0.231673	0.273312	0.32429	0.390712	0.430097	0.40381
0.259465	0.324319	0.330928	0.27416	0.146861	0.228806	0.338445	0.341379	0.286098	0.367489
0.286225	0.244632	0.407611	0.308724	0.159896	0.354409	0.283456	0.307864	0.281794	0.300861
0.365708	0.33065	0.250021	0.283144	0.287417	0.300325	0.331572	0.332886	0.317485	0.327568
0.369798	0.235145	0.302584	0.278865	0.2981	0.203826	0.278322	0.369615	0.318519	0.2349
0.279498	0.185997	0.266692	0.235245	0.345861	0.271021	0.397129	0.369615	0.118027	0.322827
0.224069	0.282888	0.213174	0.233111	0.266808	0.361669	0.344888	0.33924	0.297789	0.352085
0.283329	0.337614	0.337907	0.254491	0.270022	0.361106	0.290557	0.171079	0.345217	0.369234

0.335391	0.325893	0.212768	0.248274	0.2981	0.304255	0.314093	0.28893	0.297295	0.226844
0.262206	0.246379	0.304584	0.374231	0.389708	0.281195	0.349784	0.454647	0.247933	0.261367
0.320467	0.357504	0.418549	0.317425	0.262711	0.331751	0.313087	0.436924	0.33434	0.306375
0.194858	0.285754	0.29713	0.289399	0.273724	0.300325	0.387477	0.406613	0.370151	0.545081
0.247786	0.311419	0.333599	0.320018	0.318224	0.353303	0.453736	0.467355	0.527242	0.551243
0.414911	0.474192	0.489915	0.414971	0.432414	0.535178	0.475832	0.415423	0.399714	0.4713
0.439701	0.331714	0.308612	0.32525	0.431745	0.367337	0.515625	0.502404	0.445777	0.426491
0.436267	0.366068	0.360111	0.47751	0.358105	0.380074	0.523714	0.633811	0.437526	0.494788
0.428135	0.493088	0.625866	0.613275	0.375966	0.539397	0.594499	0.471675	0.29631	0.484023
0.243376	0.36091	0.399429	0.39105	0.383081	0.388978	0.480981	0.526351	0.52808	0.572129
0.25901	0.416774	0.396322	0.424127	0.450886	0.420692	0.531125	0.6163	0.60199	0.529625
0.462345	0.508019	0.482302	0.415619	0.486558	0.457005	0.439382	0.540531	0.52892	0.426491
0.426795	0.447655	0.627972	0.520694	0.398911	0.612148	0.551529	0.599469	0.456317	0.296894
0.320992	0.39221	0.488381	0.473048	0.415984	0.526861	0.630551	0.50945	0.56029	0.339382
0.379292	0.516088	0.451711	0.37071	0.547552	0.69471	0.57294	0.532134	0.635048	0.575867
0.46967	0.52018	0.497663	0.452109	0.593561	0.621265	0.506898	0.55344	0.821129	0.505826
0.580108	0.495411	0.459517	0.399711	0.49887	0.50674	0.517231	0.589865	0.565746	0.426491
0.773755	0.583823	0.445428	0.59136	0.727854	0.679228	0.570205	0.609291	0.532295	0.491685
0.619991	0.638536	0.635423	0.897196	0.705935	0.650922	0.669868	0.567645	0.393516	0.364595
0.47637	0.603293	0.834938	0.909146	0.662877	0.786139	0.663063	0.44843	0.462045	0.405075
0.477121	0.645064	0.69889	0.852438	0.929548	0.55935	0.495273	0.493944	0.613072	0.425826
0.654763	0.922417	0.973972	0.816733	0.957801	0.753014	0.617184	0.656463	0.479696	0.362868
0.575371	0.716381	0.861211	0.753082	0.652748	0.958356	0.824809	0.587969	0.467119	0.691265
0.733972	0.653923	0.660845	0.98628	0.81386	0.719662	0.953071	0.796347	0.657065	0.519619
0.864431	0.718972	0.792853	0.750272	0.840451	0.686305	0.968709	0.844795	0.571272	0.482507
0.531491	0.84643	0.768846	0.582705	0.796479	0.735352	0.407001	0.608298	0.902424	0.730967
0.492418	0.774336	0.969315	1.192218	0.966877	0.603217	0.446841	0.519027	0.801795	0.676821
0.729918	1.078031	1.295321	1.463016	0.957801	0.689888	0.535298	0.720797	0.804958	0.534716
0.908789	1.282984	1.042278	0.695104	0.69232	0.864662	0.729837	0.618324	0.868059	0.821606
0.99128	0.864217	0.993115	0.86139	0.876156	0.735352	0.703116	0.6224	0.546067	0.441378
1.043391	0.956971	0.931627	0.672278	0.815475	0.760003	1.159938	1.02934	0.620275	0.589206
0.900742	1.322855	0.834938	0.691419	0.745396	0.761415	0.476564	0.732511	0.918616	0.726962
0.781259	0.968359	0.806964	0.852438	0.649423	0.722238	0.698208	0.758329	0.616145	0.425162
1.099458	1.041035	0.640824	1.098481	0.857937	0.672264	0.620232	0.739158	0.72939	0.745975
0.743581	0.745772	0.780684	0.641775	0.708457	0.956137	0.590672	0.662035	0.683846	0.513074
0.590716	0.5954	0.620646	0.607188	0.473111	0.668824	0.536978	0.70195	0.630776	0.724313
0.66739	0.52018	0.663128	0.758758	0.387891	0.530168	0.743164	0.654254	0.409821	0.598003
0.807788	0.871541	1.10085	0.90313	0.868777	0.585889	0.531125	0.544792	0.470781	0.634014
0.631633	0.783284	0.636497	0.634205	0.784262	0.554933	0.629508	0.527995	0.652571	0.496348
0.988832	0.772862	0.557948	0.588456	0.583013	0.626415	0.493746	0.698277	0.766984	0.66514
0.582976	0.609308	0.525092	0.883658	0.772379	0.726131	0.688554	0.828038	0.612053	0.436586
0.450169	0.619522	0.616515	0.548828	0.69354	0.555813	0.455128	0.628587	0.816214	0.861376
0.639207	0.500882	0.604353	0.642868	0.564466	0.500493	0.572026	0.629627	0.454897	0.607991
0.627363	0.538656	0.8232	0.665312	0.620595	0.598334	0.716908	0.586082	0.449262	0.539005
0.673253	0.816142	0.666574	0.587492	0.81386	0.691088	0.540358	0.66768	0.641537	0.529625
0.615834	0.589573	0.455952	0.528188	0.662877	0.557578	0.367651	0.592724	0.68145	0.426491
0.660457	0.475674	0.439917	0.656195	0.576431	0.366198	0.349784	0.592724	0.640449	0.461095

0.746366	0.674542	0.475563	0.553255	0.67676	0.621265	0.527816	0.562264	0.604985	0.501061
0.426126	0.53609	0.365268	0.272759	0.472376	0.689888	0.507684	0.428326	0.515673	0.575867
0.42948	0.410981	0.55348	0.440287	0.488078	0.485258	0.489198	0.381209	0.344117	0.631874
0.520557	0.423303	0.604353	0.462091	0.376554	0.448669	0.440728	0.422472	0.388011	0.73231
0.601589	0.526808	0.422477	0.577969	0.569029	0.495866	0.600303	0.578613	0.43481	0.587275
0.46453	0.534388	0.308612	0.380163	0.522117	0.492048	0.378034	0.477502	0.422136	0.370402
0.493978	0.401494	0.231842	0.50211	0.554593	0.347814	0.469301	0.357765	0.40537	0.315037
0.610693	0.533539	0.507147	0.64948	0.61546	0.432462	0.518036	0.44706	0.497312	0.456794
0.43286	0.474933	0.483057	0.408548	0.362074	0.301304	0.375705	0.508662	0.391673	0.40953
0.421473	0.355811	0.570708	0.461371	0.210271	0.339173	0.403892	0.385341	0.383176	0.49713
0.55512	0.567017	0.636497	0.48353	0.413412	0.49053	0.562103	0.430295	0.423452	0.607991
0.488543	0.539515	0.521773	0.609207	0.536347	0.45143	0.460036	0.567645	0.503611	0.442757
0.412962	0.53609	0.417898	0.336446	0.355292	0.463364	0.373967	0.455343	0.308789	0.217288
0.36281	0.404004	0.42182	0.411106	0.329703	0.333859	0.465714	0.421827	0.38438	0.37216
0.521388	0.46108	0.437869	0.64948	0.619563	0.413019	0.485444	0.459545	0.554902	0.499484
0.364547	0.309896	0.37873	0.317942	0.403273	0.371926	0.457225	0.406613	0.4437	0.390749
0.430829	0.296919	0.38532	0.493496	0.467992	0.445242	0.465714	0.517416	0.359777	0.475748
0.568824	0.485431	0.493771	0.524009	0.437806	0.361669	0.375705	0.390712	0.414317	0.507426
0.534054	0.482405	0.37107	0.424127	0.504369	0.300325	0.303639	0.432273	0.37249	0.244418
0.504255	0.440068	0.429102	0.428111	0.390316	0.212127	0.360864	0.425715	0.307778	0.241367
0.589741	0.474933	0.541209	0.555932	0.423137	0.363362	0.473644	0.482667	0.331663	0.450421
0.541834	0.540376	0.531805	0.428111	0.529592	0.361106	0.359184	0.465924	0.428093	0.439318
0.487772	0.493861	0.55437	0.437552	0.418572	0.466937	0.461449	0.421827	0.413028	0.41017
0.515602	0.547322	0.496882	0.359176	0.353613	0.349453	0.240143	0.341915	0.472992	0.388915
0.606623	0.52932	0.501589	0.589422	0.577365	0.605186	0.492225	0.445695	0.267286	0.348179
0.502658	0.599328	0.523429	0.563154	0.503579	0.556695	0.595461	0.621378	0.537409	0.359434
0.630561	0.509621	0.586725	0.569574	0.488078	0.419404	0.493746	0.573094	0.413672	0.43795
0.799816	0.633171	0.557948	0.59039	0.539764	0.373659	0.409504	0.514212	0.440259	0.567503
0.55243	0.514462	0.541209	0.508484	0.417923	0.437127	0.424836	0.565844	0.517307	0.422517
0.536632	0.573476	0.657444	0.514953	0.483533	0.55935	0.518036	0.452565	0.58349	0.536426
0.766378	0.772862	0.724481	0.796017	0.628939	0.577478	0.585935	0.582331	0.748477	0.562925
0.875573	0.706168	0.531805	0.743325	0.685069	0.47199	0.544621	0.473124	0.576868	0.691265
0.646915	0.452553	0.468196	0.679358	0.463652	0.404856	0.623302	0.49547	0.573129	0.540732
0.604603	0.510424	0.640824	0.589422	0.451586	0.528511	0.694563	0.61934	0.535698	0.626569
0.55964	0.519359	0.441975	0.537526	0.507542	0.562021	0.591625	0.799414	0.683846	0.648189
0.568824	0.46108	0.441975	0.491948	0.460783	0.689888	0.557666	0.561373	0.497312	0.453242
0.490864	0.780281	0.821549	0.714013	0.635304	0.850549	0.518843	0.467355	0.666194	0.661697
0.850006	0.902138	0.747485	0.915246	0.722596	0.679228	0.784296	0.539684	0.704759	0.607991
0.81591	0.72684	0.505552	0.631	0.612408	0.445242	0.592581	0.532966	0.480447	0.469828
0.665067	0.500882	0.618576	0.583658	0.441894	0.329131	0.733792	0.700722	0.570346	0.632943
0.822518	0.611332	0.531805	0.672278	0.583961	0.567414	0.545478	0.654254	0.452071	0.828266
0.227017	0.462517	0.454534	0.537526	0.380102	0.48751	0.405755	0.547368	0.436845	0.585353
0.357072	0.380132	0.513587	0.364905	0.181525	0.681574	0.584054	0.531303	0.5685	0.540732
0.621036	0.609308	0.641912	0.581753	0.453691	0.637963	0.566585	0.530474	0.641537	0.545956
0.802987	0.661826	0.647396	0.788305	0.604373	0.380074	0.446158	0.521455	0.581588	0.694952
0.696283	0.698662	0.491453	0.599202	0.643938	0.42458	0.545478	0.534636	0.335416	0.473518
0.594639	0.437342	0.484572	0.524841	0.486558	0.421338	0.612151	0.513415	0.416259	0.49401

0.390228	0.512842	0.551706	0.475273	0.576431	0.449358	0.426791	0.479708	0.546067	0.635088
0.461619	0.401494	0.386528	0.361458	0.470179	0.49053	0.385097	0.286561	0.447168	0.470563
0.454427	0.459647	0.513587	0.441661	0.414054	0.57196	0.4347	0.394331	0.294836	0.513074
0.773755	0.777298	0.771776	0.748874	0.495759	0.598334	0.637922	0.517416	0.47745	0.338838
0.604603	0.584776	0.39201	0.492721	0.437128	0.435789	0.481722	0.472399	0.488798	0.433871
0.590716	0.456085	0.365268	0.535814	0.437806	0.325488	0.450275	0.483409	0.377207	0.341018
0.763462	0.554381	0.52426	0.541839	0.486558	0.363927	0.506113	0.299996	0.211636	0.384665
0.497114	0.60629	0.486854	0.332682	0.574569	0.303269	0.506113	0.525531	0.333267	0.339926
0.385942	0.423303	0.573492	0.460651	0.328646	0.271478	0.371084	0.433597	0.463489	0.374514
0.455856	0.504039	0.735155	0.50211	0.374205	0.526038	0.453041	0.455343	0.458456	0.354333
0.601589	0.432612	0.463835	0.49739	0.603379	0.522761	0.301186	0.388915	0.445777	0.4713
0.600589	0.505627	0.442664	0.366059	0.475323	0.562021	0.309084	0.278602	0.3929	0.358295
0.483938	0.319631	0.35333	0.482773	0.465094	0.303269	0.349784	0.416059	0.473732	0.280903
0.409089	0.46108	0.443353	0.566811	0.534648	0.412385	0.501434	0.471675	0.471517	0.292963
0.373926	0.451148	0.388348	0.360315	0.47091	0.367337	0.431387	0.318411	0.296802	0.307891
0.452293	0.397137	0.448209	0.482773	0.34095	0.407978	0.500659	0.371334	0.216113	0.217288
0.39146	0.384923	0.476307	0.304689	0.408947	0.502046	0.52535	0.368472	0.363782	0.446224
0.436267	0.433284	0.395086	0.35521	0.41663	0.530168	0.502988	0.470952	0.506795	0.506626
0.321516	0.433284	0.357839	0.273693	0.43041	0.4951	0.336319	0.358322	0.456317	0.435226
0.505056	0.374804	0.358974	0.433481	0.564466	0.420047	0.266873	0.388317	0.348534	0.350966
0.739437	0.521003	0.431109	0.354646	0.52792	0.541948	0.481722	0.520644	0.514045	0.438633
0.534054	0.353005	0.32406	0.32736	0.332354	0.370774	0.391071	0.356653	0.329533	0.423177
0.508274	0.373043	0.348867	0.491176	0.427089	0.293533	0.375705	0.41352	0.378989	0.19682
0.700033	0.651691	0.570708	0.724444	0.628939	0.519509	0.653051	0.574926	0.504404	0.356027
0.514781	0.591507	0.649609	0.406639	0.486558	0.533501	0.538665	0.378281	0.447168	0.463987
0.428135	0.589573	0.593495	0.354646	0.475323	0.582131	0.440728	0.268968	0.409182	0.498698
0.303009	0.525974	0.593495	0.434833	0.620595	0.501269	0.307096	0.310851	0.454189	0.351525
0.550646	0.525142	0.627972	0.54971	0.532956	0.495866	0.473644	0.462369	0.46858	0.404442
0.43354	0.289605	0.395704	0.457071	0.482029	0.485258	0.378034	0.291789	0.311838	0.461816
0.518899	0.471244	0.399429	0.462091	0.598442	0.418119	0.305117	0.49547	0.364357	0.441378
0.652507	0.557954	0.677082	0.64948	0.653861	0.601258	0.478032	0.568549	0.445777	0.507426
0.510703	0.533539	0.636497	0.653945	0.476063	0.540245	0.565685	0.353886	0.488798	0.507426
0.47338	0.468316	0.563371	0.70635	0.532113	0.44049	0.506898	0.385935	0.389838	0.630808
0.501067	0.894284	0.735155	0.67345	0.589696	0.521132	0.568392	0.34623	0.514045	0.634014
0.676809	0.465407	0.572562	0.685347	0.486558	0.517892	0.632644	0.442301	0.603984	0.603968
0.623135	0.592477	0.578172	0.569574	0.60041	0.393196	0.669868	0.501628	0.455607	0.467628
0.685221	0.558852	0.592522	0.543575	0.763676	0.689888	0.502988	0.574009	0.77137	0.630808
0.898753	0.729495	0.833241	0.736487	1.036354	0.926203	0.790289	0.984681	0.851846	0.642682
0.702552	0.562462	0.779186	0.754494	0.594533	0.608156	0.804081	0.73782	0.624445	0.773186
0.862601	0.867864	0.931627	0.741949	0.591624	0.624348	0.595461	0.668818	0.58636	0.697428
0.66739	0.762684	0.570708	0.606182	0.49887	0.799821	0.959704	0.963964	0.692335	0.9561
0.822518	0.61849	0.565194	0.824972	0.840451	0.990678	1.12925	1.125467	0.697262	0.553911
0.631633	0.858804	0.735155	0.64948	0.762242	0.601258	0.645421	0.652056	0.744315	0.558395
0.650262	0.855233	0.758747	0.640686	0.788803	0.822	0.754127	0.600441	0.886814	0.597016
0.946969	0.836098	0.931627	0.923515	1.052806	0.974216	1.12597	0.913111	0.769903	0.754385
0.747765	0.832708	0.673551	0.657324	0.859725	0.662024	0.67216	0.805614	0.657065	0.747366
0.607637	0.526808	0.9274	0.913203	0.683872	0.554933	0.67216	0.919151	0.573129	0.661697

0.857158	0.789354	1.08545	1.114382	0.820356	0.83688	0.944381	1.048028	0.647019	0.747366
0.773755	0.857015	0.59643	0.743325	0.791857	0.697142	0.696989	0.787273	0.718848	0.419889
0.453715	0.712523	0.71794	0.67345	0.709724	0.815546	0.650857	0.414153	0.77137	0.811804
0.585862	1.038316	0.931627	0.874241	0.98562	1.384325	1.016767	0.778386	1.097189	1.127889
0.93819	0.871541	0.715352	1.104772	0.793393	0.596396	0.690948	0.86045	0.860778	0.642682
0.873696	0.801755	0.644097	0.789836	0.524595	0.329131	0.506898	0.679194	0.59803	0.513886
0.908789	0.502458	0.751674	0.998509	0.826952	0.594467	0.605201	0.662035	0.698503	0.634014
0.842969	0.871541	0.861211	0.815104	0.917103	0.713289	0.860536	1.1629	1.214317	0.887497
0.582018	0.486951	0.692722	0.462813	0.562654	0.452123	0.628467	0.566744	0.900442	0.611032
0.623135	0.601306	0.845257	0.731093	0.674415	0.683933	0.895606	0.635918	0.508395	0.782146
0.83433	0.975338	1.530387	1.317053	1.109443	1.344662	0.994481	0.907154	0.77137	0.757225
0.871827	0.70115	0.824858	0.760188	0.796479	0.723532	0.718184	0.739158	0.882998	0.495567
0.649143	0.659553	0.69765	1.056827	0.927449	0.577478	0.660818	0.723373	0.683846	0.169474
0.858965	0.712523	0.532652	0.685347	1.238219	0.888621	0.72722	0.498538	0.633976	0.704941
0.703817	0.676895	0.5335	0.505285	0.669763	0.77872	0.473644	0.137969	0.554902	0.89136
0.804582	0.500882	0.71022	0.485049	0.459355	0.51228	0.802526	0.588916	0.438207	0.598003
0.969726	0.81777	0.855828	0.741949	0.629993	0.681574	0.763952	0.660915	0.762643	1.008708
0.712775	0.774336	0.525092	0.548828	0.960052	0.823628	0.585935	0.626515	0.532295	0.607991
0.753408	0.550837	0.212768	0.633134	0.752336	0.531832	0.486942	0.497001	0.440945	0.444141
0.888944	0.780281	0.636497	0.938377	0.818723	0.799821	0.595461	0.805614	0.766984	0.572129
0.782775	1.05772	0.719241	0.572354	0.567198	1.038785	0.759714	0.844795	1.19441	0.751564
0.591693	0.53609	0.542074	0.462813	0.384879	0.471264	0.625361	0.465924	0.550462	0.644876
0.56055	0.490009	0.571634	0.622569	0.579239	0.502825	0.679111	0.580468	0.480447	0.532163
0.772269	0.600316	0.616515	0.587492	0.757969	0.739365	0.600303	0.689825	0.615118	0.632943
0.503456	0.587648	0.471864	0.347385	0.439845	0.620243	0.596425	0.606321	0.611036	0.464712
0.523056	0.641788	0.414657	0.510899	0.49344	0.495866	0.445475	0.454647	0.522246	0.327039
0.767843	0.698662	0.614464	0.815104	0.773847	0.774328	0.658585	0.878534	0.864404	0.737725
0.417524	0.557954	0.571634	0.465713	0.562654	0.594467	0.634747	0.370187	0.548699	1.006173
0.545337	0.388551	0.400053	0.59136	0.48053	0.42393	0.549792	0.49547	0.470781	0.494788
0.665067	0.540376	0.764489	0.828312	0.523767	0.578405	0.611151	0.574926	0.499663	0.584395
0.588768	0.55172	0.659708	0.517404	0.547552	0.69471	0.531956	0.568549	0.422793	0.607991
0.404615	0.35807	0.395086	0.407274	0.489603	0.547095	0.460036	0.576766	0.430767	0.573994
0.549757	0.379537	0.439917	0.546194	0.588735	0.764252	0.632644	0.874856	0.491103	0.706206
0.819201	0.853458	0.581952	0.418219	0.435102	0.657549	0.541207	0.761138	0.671998	0.736365
0.420812	0.453257	0.546426	0.490405	0.339866	0.32085	0.441403	0.497769	0.472992	0.469093
0.478627	0.336536	0.379921	0.396598	0.404528	0.261527	0.543765	0.481925	0.433458	0.42916
0.347488	0.467587	0.476307	0.516586	0.449491	0.36848	0.552401	0.479708	0.383176	0.340472
0.388999	0.4306	0.637575	0.450701	0.502791	0.492809	0.351977	0.406613	0.426098	0.538144
0.49164	0.356375	0.367579	0.332147	0.545809	0.410491	0.274625	0.497001	0.553121	0.373924
0.509891	0.474192	0.379325	0.414325	0.64832	0.533501	0.410762	0.436924	0.52892	0.391976
0.329467	0.458932	0.429102	0.330013	0.40768	0.407351	0.369937	0.366196	0.376023	0.443448
0.45729	0.407795	0.327216	0.334291	0.443953	0.457005	0.360864	0.351685	0.402219	0.298873
0.468195	0.405264	0.36874	0.503695	0.400775	0.375981	0.391071	0.408486	0.430767	0.380456
0.528097	0.526808	0.404446	0.290369	0.131183	0.316261	0.42289	0.312353	0.330065	0.341564
0.365127	0.366645	0.513587	0.561338	0.307543	0.389578	0.527816	0.378865	0.2453	0.295908
0.384119	0.350216	0.395086	0.320538	0.43041	0.398067	0.34273	0.442301	0.357505	0.354897
0.490864	0.452553	0.492997	0.470835	0.51396	0.529339	0.506113	0.378865	0.323205	0.421201

0.331612	0.378942	0.388956	0.389827	0.400153	0.307225	0.229232	0.366764	0.423452	0.379859
0.345264	0.449048	0.30609	0.333754	0.427751	0.395016	0.334203	0.421182	0.390449	0.309921
0.505858	0.402747	0.318849	0.466441	0.457222	0.407351	0.339513	0.410367	0.452071	0.446224
0.498691	0.477906	0.364692	0.34905	0.317195	0.3522	0.41519	0.307864	0.28227	0.279478
0.398301	0.311928	0.30109	0.365482	0.270945	0.333331	0.457926	0.310851	0.337575	0.449719
0.340848	0.386733	0.396942	0.420835	0.319255	0.413019	0.470744	0.351685	0.397224	0.449719
0.424126	0.345241	0.460952	0.579857	0.407048	0.44049	0.502988	0.415423	0.327414	0.370987
0.371562	0.331182	0.12525	0.347385	0.355292	0.310216	0.297291	0.234527	0.338659	0.316068
0.415563	0.435308	0.397562	0.32895	0.447406	0.3848	0.342192	0.321473	0.394131	0.393823
0.480138	0.493861	0.47334	0.373054	0.526254	0.407978	0.442079	0.350041	0.247053	0.363442
0.421473	0.349106	0.481548	0.321581	0.400153	0.316261	0.315102	0.459545	0.210827	0.214829
0.46746	0.36148	0.434476	0.37071	0.339866	0.300815	0.237601	0.397979	0.265449	0.331292
0.301	0.353565	0.370486	0.286982	0.27419	0.351649	0.434036	0.52882	0.524737	0.458223
0.415563	0.346893	0.364692	0.344075	0.26	0.341855	0.354182	0.43559	0.452775	0.299865
0.368625	0.320668	0.359542	0.316392	0.232095	0.378315	0.295356	0.324556	0.351318	0.336128
0.298502	0.338696	0.333599	0.286019	0.21593	0.449358	0.420952	0.405991	0.370151	0.581533
0.370385	0.398377	0.408884	0.46717	0.435776	0.47199	0.491466	0.390112	0.361489	0.34707
0.409089	0.421989	0.298611	0.461371	0.473111	0.35663	0.311081	0.407861	0.403477	0.20955
0.588768	0.464682	0.38532	0.481263	0.443265	0.383022	0.395303	0.412256	0.406637	0.358864
0.438324	0.319631	0.432453	0.416268	0.418572	0.341855	0.376286	0.441625	0.457029	0.358295
0.422135	0.351887	0.380518	0.375411	0.372451	0.317277	0.235494	0.313357	0.308283	0.289067
0.254486	0.305862	0.441288	0.262161	0.157399	0.366198	0.424836	0.330788	0.330597	0.446224
0.301	0.400869	0.612423	0.334291	0.285025	0.502046	0.373967	0.360557	0.404738	0.555699
0.363388	0.418722	0.423135	0.441661	0.44121	0.38778	0.174408	0.371334	0.428093	0.434548
0.369211	0.499312	0.384716	0.393507	0.431077	0.420692	0.266873	0.401659	0.464937	0.292474
0.412962	0.35807	0.297623	0.488868	0.435776	0.489773	0.444794	0.505521	0.440259	0.385875
0.455141	0.421989	0.343352	0.34905	0.315145	0.575631	0.580318	0.473124	0.538267	0.419234
0.528097	0.41548	0.41016	0.399711	0.421828	0.383022	0.432048	0.338707	0.343568	0.321258
0.483938	0.359771	0.417898	0.398463	0.41663	0.319315	0.406377	0.50396	0.35864	0.493233
0.546218	0.467587	0.420508	0.427445	0.449491	0.385989	0.459331	0.44095	0.350202	0.421201
0.345264	0.542967	0.381115	0.36896	0.439845	0.455605	0.350879	0.44843	0.459888	0.450421
0.483176	0.522654	0.261668	0.457785	0.467266	0.416199	0.299234	0.565844	0.506795	0.427823
0.460895	0.582872	0.397562	0.729755	0.581122	0.549692	0.425487	0.692223	0.613072	0.488604
0.400815	0.524311	0.447512	0.507682	0.406416	0.514677	0.476564	0.488645	0.481199	0.432519
0.414911	0.393436	0.453826	0.468632	0.496535	0.362797	0.442757	0.54138	0.43889	0.382856
0.506662	0.486951	0.668887	0.693873	0.596483	0.380074	0.553274	0.484899	0.456317	0.469093
0.465992	0.384923	0.5226	0.454228	0.57179	0.522761	0.457225	0.532134	0.510808	0.490912
0.49476	0.588609	0.46601	0.352399	0.519654	0.66315	0.588771	0.513415	0.448563	0.543336
0.55243	0.477906	0.396942	0.587492	0.521295	0.326007	0.378618	0.577688	0.425435	0.366329
0.498691	0.510424	0.499229	0.479758	0.444641	0.403614	0.34273	0.417334	0.367824	0.464712
0.422135	0.317563	0.393853	0.537526	0.494985	0.312222	0.348146	0.451182	0.469312	0.343209
0.487772	0.435985	0.594471	0.632066	0.43041	0.248315	0.378034	0.428982	0.452775	0.344308
0.521388	0.518539	0.601365	0.577028	0.587776	0.473444	0.453736	0.353886	0.4437	0.504232
0.528943	0.578149	0.469659	0.406004	0.50516	0.615166	0.375705	0.330788	0.491874	0.585353
0.599592	0.523481	0.348312	0.589422	0.586819	0.441166	0.346514	0.355544	0.511615	0.567503
0.484702	0.580977	0.399429	0.643963	0.607368	0.501269	0.487693	0.518221	0.492647	0.530469
0.405251	0.524311	0.431109	0.529029	0.473847	0.511484	0.41392	0.345688	0.407908	0.459657

0.510703	0.353565	0.398184	0.409186	0.415984	0.374818	0.529467	0.524713	0.574061	0.511452
0.420153	0.386129	0.431109	0.386784	0.464372	0.56651	0.693354	0.56405	0.565746	0.422517
0.570685	0.538656	0.689062	0.625712	0.753737	0.572875	0.428755	0.556068	0.573129	0.547711
0.468932	0.585731	0.59155	0.455648	0.531271	0.516281	0.408877	0.438932	0.439574	0.611032
0.421473	0.576273	0.365268	0.58653	0.445331	0.383022	0.307096	0.41352	0.440259	0.461816
0.650262	0.709969	0.613443	0.69634	0.541482	0.497403	0.478032	0.557829	0.613072	0.472038
0.563291	0.516088	0.468927	0.512516	0.411493	0.445926	0.430069	0.397979	0.479696	0.350407
0.47115	0.365492	0.415304	0.524841	0.34972	0.257965	0.564787	0.527172	0.436845	0.440003
0.43286	0.483915	0.486092	0.561338	0.538907	0.5187	0.582182	0.534636	0.459172	0.602968
0.532344	0.531003	0.5335	0.539246	0.607368	0.482275	0.424836	0.490908	0.377207	0.518795
0.518072	0.421989	0.362395	0.520694	0.624747	0.514677	0.475832	0.520644	0.4437	0.446921
0.669725	0.51772	0.444735	0.629937	0.543208	0.541948	0.489953	0.551696	0.551347	0.32651
0.674435	0.627871	0.476307	0.368379	0.512346	0.427847	0.309582	0.351136	0.413028	0.415326
0.543582	0.467587	0.589613	0.555038	0.408313	0.33704	0.408877	0.395543	0.411742	0.390137
0.553325	0.43194	0.643004	0.623614	0.431077	0.469095	0.651953	0.532966	0.404107	0.40192
0.757688	0.600316	0.568862	0.663015	0.729179	0.717102	0.596425	0.765386	0.57875	0.494788
0.490864	0.706168	0.508748	0.531561	0.602387	0.712025	0.314598	0.583266	0.706021	0.360575
0.624188	0.538656	0.455242	0.596245	0.4858	0.465504	0.404512	0.535473	0.458456	0.36575
0.55243	0.531003	0.550821	0.811864	0.627887	0.431139	0.632644	0.736487	0.554902	0.458939
0.275228	0.518539	0.53435	0.597228	0.735862	0.562915	0.457225	0.574009	0.619239	0.615121
0.55964	0.504039	0.463112	0.466441	0.546679	0.50674	0.478767	0.473851	0.411742	0.4713
0.6938	0.522654	0.714063	0.408548	0.520473	0.534339	0.693354	0.617311	0.490333	0.681582
0.733972	0.666407	1.07944	0.974386	0.856156	0.734023	0.586878	0.821512	0.850081	0.813422
0.531491	0.417423	0.536909	0.558627	0.737211	0.561129	0.379789	0.521455	0.697262	0.5712
0.535771	0.426605	0.463835	0.524841	0.513152	0.431139	0.512431	0.682709	0.472992	0.37807
0.619991	0.554381	0.53435	0.712726	0.69354	0.505954	0.663063	0.838015	0.506795	0.459657
0.602591	0.508019	0.455952	0.499744	0.649423	0.536018	0.552401	0.727266	0.795537	0.512262
0.551537	0.522654	0.565194	0.546194	0.49267	0.552305	0.536978	0.425064	0.404107	0.547711
0.43286	0.549955	0.689062	0.626764	0.570868	0.584006	0.506113	0.494706	0.403477	0.729628
0.575371	0.590539	0.55437	0.710165	0.57364	0.244859	0.384504	0.569454	0.604985	0.513074
0.66391	0.690067	0.492997	0.569574	0.672083	0.536018	0.50533	0.568549	0.699747	0.480996
0.701291	0.611332	0.650719	0.805456	0.669763	0.429161	0.562103	0.543082	0.557588	0.373924
0.424791	0.641788	0.743336	0.593308	0.563559	0.573791	0.653051	0.639098	0.648124	0.537284
0.437638	0.431269	0.594471	0.589422	0.566286	0.515478	0.541207	0.465211	0.488032	0.396299
0.590716	0.449048	0.735155	0.761624	0.473847	0.486758	0.507684	0.487893	0.314396	0.56475
0.670898	0.603293	0.935895	0.68898	0.503579	0.396234	0.502211	0.549094	0.552233	0.696188
0.46746	0.564278	0.52676	0.491176	0.56085	0.43379	0.423537	0.391915	0.481953	0.466168
0.4638	0.508819	0.387741	0.476763	0.556372	0.438469	0.437369	0.41352	0.421479	0.398788
0.652507	0.61746	0.486092	0.577028	0.440527	0.547095	0.617184	0.536312	0.667349	0.552131
0.567897	0.537799	0.443353	0.389827	0.4039	0.479311	0.544621	0.549094	0.674342	0.60497
0.514781	0.465407	0.505552	0.50211	0.368386	0.286372	0.518036	0.404749	0.370735	0.258646
0.56055	0.436663	0.455242	0.513327	0.537198	0.434455	0.590672	0.482667	0.393516	0.433871
0.497902	0.554381	0.393853	0.435511	0.406416	0.418761	0.495273	0.389513	0.318519	0.367489
0.540093	0.624721	0.479294	0.559528	0.553707	0.615166	0.470744	0.457439	0.498878	0.477241
0.678001	0.48015	0.335747	0.578912	0.448099	0.486008	0.466429	0.527172	0.459172	0.44069
0.5471	0.616433	0.491453	0.643963	0.596483	0.569227	0.557666	0.527995	0.589248	0.661697
0.380494	0.4435	0.481548	0.519046	0.437128	0.359422	0.372811	0.511825	0.570346	0.533013

0.407806	0.371873	0.454534	0.568651	0.569947	0.378901	0.385097	0.564946	0.402219	0.387697
0.55602	0.636382	0.646293	0.693873	0.738565	0.607164	0.467862	0.559598	0.513234	0.435226
0.478627	0.669875	0.577232	0.498173	0.432414	0.62229	0.361988	0.530474	0.6372	0.510644
0.42948	0.593449	0.581952	0.531561	0.491902	0.476368	0.39288	0.523896	0.674342	0.543336
0.412314	0.540376	0.542941	0.635278	0.548426	0.538549	0.408877	0.656463	0.462766	0.565666
0.535771	0.545575	0.52426	0.514953	0.552822	0.616176	0.500659	0.460249	0.454897	0.60497
0.51233	0.536944	0.334135	0.450701	0.378325	0.431139	0.463576	0.468072	0.462766	0.42916
0.666227	0.435308	0.398806	0.620486	0.431077	0.347814	0.545478	0.624453	0.72939	0.572129
0.456572	0.53016	0.605353	0.779228	0.67676	0.612148	0.73247	0.641231	0.7758	0.583439
0.381096	0.508019	0.516027	0.372467	0.49809	0.49053	0.559435	0.480446	0.494196	0.687608
0.489315	0.552605	0.367	0.373054	0.565375	0.504387	0.367081	0.599469	0.573129	0.456081
0.732616	0.703651	0.487617	0.550593	0.628939	0.536018	0.518843	0.404749	0.47745	0.504232
0.566972	0.5954	0.776207	0.618414	0.463652	0.537704	0.499114	0.428982	0.454189	0.433194
0.582018	0.42068	0.466738	0.676985	0.658346	0.509106	0.488445	0.693427	0.538267	0.358864
0.479382	0.527644	0.415304	0.479007	0.525424	0.450047	0.564787	0.657572	0.515673	0.456081
0.4638	0.501669	0.508748	0.513327	0.489603	0.575631	0.492985	0.481925	0.594105	0.669775
0.492418	0.391598	0.670049	0.493496	0.544073	0.657549	0.640051	0.609291	0.596063	0.623417
0.582018	0.671037	0.472601	0.457785	0.781261	0.565609	0.461449	0.508662	0.589248	0.517153
0.674435	0.686435	0.622727	0.595263	0.735862	0.649827	0.653051	0.572181	0.537409	0.594071
0.382303	0.409067	0.47334	0.416268	0.411493	0.508316	0.419023	0.473124	0.449262	0.446224
0.379292	0.483915	0.372826	0.473048	0.488078	0.532666	0.442757	0.704416	0.56758	0.435226
0.45729	0.686435	0.671213	0.593308	0.669763	0.769981	0.548061	0.524713	0.512423	0.584395
0.441775	0.527644	0.610391	0.366059	0.324447	0.561129	0.506113	0.414788	0.488032	0.494788
0.420812	0.504039	0.452415	0.384968	0.450188	0.4951	0.506113	0.305389	0.401592	0.433871
0.490089	0.680448	0.583855	0.643963	0.660605	0.681574	0.597391	0.447745	0.643721	0.640499
0.487772	0.555271	0.589613	0.519869	0.286459	0.531832	0.594499	0.431613	0.401592	0.4713
0.496328	0.402747	0.220132	0.387391	0.495759	0.572875	0.512431	0.577688	0.56301	0.423838
0.598597	0.574406	0.475563	0.564066	0.453691	0.44252	0.441403	0.725964	0.60901	0.480242
0.562375	0.57162	0.581952	0.702569	0.645029	0.692292	0.623302	0.5338	0.605988	0.531316
0.388999	0.38372	0.552592	0.52152	0.486558	0.545373	0.676782	0.478236	0.483465	0.577747
0.556922	0.505627	0.536909	0.44235	0.572714	0.62229	0.588771	0.427019	0.65369	0.672111
0.497902	0.448351	0.552592	0.544447	0.501218	0.3848	0.493746	0.336581	0.426098	0.439318
0.541834	0.435308	0.39201	0.409186	0.534648	0.409861	0.461449	0.417973	0.385587	0.421201
0.513963	0.404633	0.477798	0.441661	0.599425	0.341855	0.454431	0.586082	0.600005	0.422517
0.513963	0.607294	0.720545	0.571426	0.65722	0.62538	0.703116	0.796347	0.696025	0.535571
0.444555	0.471244	0.635423	0.666465	0.49267	0.516281	0.627429	0.511032	0.422793	0.556596
0.466725	0.486951	0.455242	0.513327	0.494985	0.620243	0.612151	0.436256	0.615118	0.620287
0.583936	0.675717	0.482302	0.518224	0.589696	0.669968	0.689749	0.55344	0.647019	0.802217
0.461619	0.469777	0.50317	0.384968	0.506747	0.439815	0.478032	0.352784	0.571272	0.48175
0.631633	0.594423	0.546426	0.362031	0.582066	0.522761	0.425487	0.345147	0.514858	0.573994
0.678001	0.623676	0.761608	0.645061	0.917103	0.732697	0.626394	0.523081	0.52808	0.494788
0.440391	0.475674	0.587686	0.604176	0.558158	0.452817	0.53446	0.484899	0.333267	0.550357
0.277595	0.598343	0.680641	0.514139	0.465817	0.540245	0.538665	0.407861	0.420168	0.724313
0.410376	0.519359	0.658574	0.767413	0.583961	0.702047	0.481722	0.549094	0.475959	0.529625
0.480138	0.451148	0.525925	0.601185	0.482029	0.411753	0.334203	0.405991	0.562101	0.489372
0.424791	0.61746	0.546426	0.538386	0.661739	0.495866	0.346514	0.251189	0.657065	0.565666
0.691332	0.747157	0.764489	0.665312	0.538052	0.45841	0.705592	0.514212	0.623399	0.551243

0.682801	0.53609	0.637575	0.516586	0.353613	0.386585	0.570205	0.642301	0.5685	0.507426
0.430829	0.586689	0.689062	0.495049	0.309052	0.466937	0.448211	0.524713	0.286579	0.475004
0.420153	0.549955	0.68423	0.556828	0.561751	0.767107	0.675622	0.609291	0.459888	0.619249
0.404615	0.44696	0.372826	0.464261	0.484287	0.593506	0.528641	0.436924	0.492647	0.432519
0.405888	0.493088	0.381115	0.335907	0.522117	0.71838	0.509261	0.393121	0.615118	0.447619
0.635945	0.737557	0.614464	0.534107	0.817096	0.494335	0.668727	0.675708	0.762643	0.579636
0.622084	0.500882	0.600373	0.665312	0.41663	0.537704	0.623302	0.739158	0.554902	0.464712
0.458008	0.495411	0.644097	0.612255	0.459355	0.542801	0.527816	0.662035	0.478946	0.637244
0.378693	0.697424	0.900888	0.620486	0.452988	0.764252	0.646503	0.858683	0.632907	0.99618
0.428135	0.596379	0.617544	0.698821	0.610385	0.554933	0.619214	0.836336	0.744315	0.543336
0.504255	0.513652	0.429102	0.326304	0.428414	0.447982	0.406377	0.353886	0.481953	0.420544
0.564208	0.549955	0.513587	0.456359	0.673248	0.384206	0.549792	0.395543	0.633976	0.562015
0.702552	0.401494	0.500014	0.498958	0.559951	0.4318	0.649765	0.613282	0.571272	0.652645
0.700033	0.552605	0.601365	0.628877	0.508339	0.420692	0.515625	0.643375	0.494196	0.433871
0.471892	0.52932	0.701383	0.607188	0.47091	0.657549	0.577536	0.598499	0.404107	0.605974
0.568824	0.626818	0.711497	0.736487	0.616482	0.615166	0.579389	0.748638	0.50045	0.438633
0.639207	0.629983	0.55437	0.46717	0.491134	0.50517	0.554149	0.479708	0.453482	0.445529
0.602591	0.642877	0.494547	0.402846	0.525424	0.667683	0.566585	0.451182	0.551347	0.557494
0.668556	0.575339	0.453826	0.636354	0.64068	0.777251	0.759714	0.722083	0.621314	0.542466
0.691332	0.440068	0.624817	0.739209	0.525424	0.537704	0.492225	0.615292	0.437526	0.223913
0.49164	0.560653	0.645194	0.566811	0.420522	0.629534	0.514825	0.466639	0.475215	0.490912
0.605612	0.655043	0.610391	0.668781	0.611395	0.455605	0.531956	0.699498	0.658195	0.643778
0.450875	0.432612	0.366422	0.48051	0.578301	0.476368	0.442757	0.488645	0.617173	0.433871
0.346931	0.501669	0.46601	0.399711	0.540622	0.356074	0.531125	0.538839	0.529761	0.681582
0.56055	0.567017	0.440602	0.518224	0.511542	0.491288	0.594499	0.561373	0.700994	0.683983
0.679196	0.409704	0.423135	0.553255	0.520473	0.382431	0.545478	0.512619	0.619239	0.446921
0.594639	0.533539	0.605353	0.579857	0.4858	0.48079	0.681453	0.692223	0.494196	0.595051
0.551537	0.55172	0.467466	0.609207	0.4858	0.526861	0.695774	0.729881	0.626545	0.556596
0.563291	0.427932	0.304584	0.47453	0.436452	0.481532	0.457225	0.425064	0.494973	0.473518
0.389613	0.50722	0.332528	0.395359	0.395207	0.49053	0.489198	0.344067	0.543452	0.592118
0.639207	0.721579	0.603354	0.600192	0.694764	0.456304	0.4347	0.518221	0.627599	0.517153
0.708913	0.490009	0.59155	0.68898	0.603379	0.414924	0.39047	0.471675	0.459888	0.446921
0.587797	0.451148	0.61961	0.560432	0.393979	0.624348	0.67216	0.576766	0.511615	0.522929
0.589741	0.547322	0.78825	0.671109	0.549301	0.48451	0.765374	0.758329	0.612053	0.475004
0.531491	0.509621	0.558847	0.621526	0.500434	0.547095	0.440728	0.478972	0.393516	0.359434
0.46526	0.592477	0.643004	0.464261	0.384879	0.617189	0.475102	0.400429	0.437526	0.540732
0.493978	0.675717	0.605353	0.511707	0.517204	0.744773	0.581249	0.445014	0.55401	0.545081
0.657032	0.51772	0.477798	0.50132	0.650528	0.554933	0.576613	0.731194	0.617173	0.37807
0.721921	0.475674	0.537766	0.655068	0.54494	0.489773	0.501434	0.603371	0.565746	0.350407
0.583936	0.454669	0.655191	0.526511	0.559951	0.498945	0.633694	0.457439	0.467849	0.415326
0.563291	0.433958	0.468927	0.44304	0.43041	0.469817	0.414555	0.407861	0.393516	0.431845
0.554221	0.53609	0.461671	0.380163	0.247133	0.437798	0.503767	0.46879	0.389838	0.469828
0.580108	0.688853	0.471128	0.577028	0.481279	0.658663	0.535298	0.511825	0.487267	0.567503
0.670898	0.59736	0.427104	0.503695	0.582066	0.498945	0.406377	0.501628	0.526405	0.560201
0.628426	0.230057	0.331461	0.409825	0.624747	0.445242	0.399576	0.550827	0.518126	0.440003
0.566049	0.264707	0.483814	0.619449	0.436452	0.406102	0.622276	0.631714	0.378394	0.515516
0.499481	0.400244	0.417248	0.367217	0.469449	0.377146	0.391673	0.371909	0.454189	0.609002

0.435584	0.428598	0.506349	0.443731	0.434428	0.445926	0.490709	0.388317	0.339201	0.516334
0.387163	0.421989	0.416599	0.481263	0.433085	0.585889	0.492985	0.550827	0.426098	0.668612
0.398301	0.408431	0.425115	0.383762	0.478291	0.504387	0.352527	0.46951	0.579694	0.405708
0.534054	0.397137	0.272704	0.414325	0.49344	0.515478	0.453736	0.583266	0.644818	0.382255
0.581062	0.41419	0.467466	0.600192	0.559053	0.417478	0.573855	0.695845	0.54958	0.373924
0.644699	0.533539	0.523429	0.479758	0.404528	0.486008	0.485444	0.385935	0.502818	0.4713
0.600589	0.445572	0.489915	0.459216	0.267266	0.289699	0.441403	0.402275	0.371904	0.407615
0.432182	0.339238	0.490683	0.528188	0.463652	0.541948	0.681453	0.466639	0.424773	0.553911
0.41426	0.279096	0.484572	0.618414	0.515579	0.476368	0.653051	0.624453	0.517307	0.527102
0.499481	0.583823	0.374589	0.57609	0.569029	0.539397	0.412654	0.457439	0.581588	0.491685
0.561461	0.626818	0.40193	0.581753	0.606368	0.45143	0.446841	0.537995	0.697262	0.532163
0.635945	0.567017	0.414657	0.430117	0.420522	0.499718	0.438039	0.384748	0.570346	0.508229
0.453715	0.498529	0.358974	0.428111	0.452988	0.450047	0.489198	0.357765	0.388619	0.358295
0.404615	0.260165	0.448209	0.564066	0.419871	0.367908	0.531125	0.431613	0.397846	0.490142
0.506662	0.323796	0.499229	0.509288	0.535497	0.439142	0.402037	0.445695	0.640449	0.569347
0.478627	0.3959	0.493771	0.404107	0.49809	0.556695	0.439382	0.417334	0.510808	0.578691
0.446651	0.508019	0.368159	0.443731	0.367809	0.497403	0.372235	0.507874	0.474473	0.433194
0.599592	0.567017	0.465284	0.539246	0.47091	0.591589	0.530295	0.388317	0.293857	0.519619
0.535771	0.556164	0.496882	0.401589	0.380102	0.373081	0.529467	0.371909	0.481953	0.408252
0.415563	0.412262	0.483814	0.438234	0.355292	0.407351	0.506898	0.39676	0.527242	0.406343
0.426795	0.381325	0.460952	0.413034	0.439164	0.485258	0.593539	0.503181	0.602986	0.66514
0.55243	0.488477	0.382912	0.404107	0.372451	0.467655	0.449586	0.456041	0.459172	0.494788
0.561461	0.579089	0.520948	0.551479	0.483533	0.482275	0.343808	0.50008	0.454897	0.478739
0.572553	0.557058	0.373413	0.575153	0.56085	0.554055	0.404512	0.529646	0.426098	0.494788
0.593655	0.659553	0.563371	0.346279	0.448794	0.51069	0.453041	0.39676	0.330597	0.370987
0.480138	0.466859	0.485331	0.462813	0.448099	0.44456	0.471467	0.517416	0.42876	0.23149
0.521388	0.437342	0.4108	0.556828	0.567198	0.67806	0.667588	0.655357	0.698503	0.579636
0.549757	0.525142	0.603354	0.685347	0.619563	0.521132	0.561212	0.43559	0.467849	0.387697
0.558732	0.544704	0.578172	0.440974	0.459355	0.508316	0.470744	0.388915	0.520593	0.373335
0.450169	0.537799	0.547301	0.369543	0.502004	0.492809	0.416464	0.511825	0.650342	0.553911
0.569754	0.628925	0.453826	0.411748	0.544073	0.568319	0.621253	0.409739	0.274713	0.628683
0.460895	0.504039	0.538624	0.462813	0.466541	0.519509	0.422243	0.521455	0.509198	0.464712
0.533198	0.46396	0.469659	0.564979	0.680302	0.418119	0.328957	0.675708	0.692335	0.491685
0.61377	0.550837	0.491453	0.574218	0.650528	0.668824	0.481722	0.47023	0.432784	0.637244
0.604603	0.52932	0.441975	0.507682	0.451586	0.551432	0.610154	0.371909	0.232793	0.466897
0.592673	0.565189	0.671213	0.680549	0.540622	0.652019	0.542911	0.419254	0.389228	0.475748
0.558732	0.702399	0.614464	0.406004	0.465817	0.462653	0.587823	0.617311	0.422136	0.524593
0.516424	0.505627	0.513587	0.465713	0.366656	0.362797	0.400805	0.280462	0.380779	0.530469
0.488543	0.466132	0.603354	0.544447	0.4858	0.44252	0.35363	0.348949	0.564832	0.729628
0.373334	0.462517	0.437188	0.583658	0.534648	0.611146	0.522898	0.453952	0.422136	0.61718
0.455856	0.493088	0.455952	0.444423	0.4039	0.55935	0.586878	0.527995	0.433458	0.475748
0.540963	0.515275	0.640824	0.606182	0.64068	0.755796	0.776921	0.464499	0.524737	0.678006
0.43354	0.425942	0.535201	0.440974	0.565375	0.652019	0.637922	0.434925	0.54782	0.49401
0.420153	0.541238	0.557051	0.437552	0.352497	0.425884	0.488445	0.613282	0.462766	0.438633
0.478627	0.398377	0.458802	0.585571	0.500434	0.573791	0.426791	0.417973	0.652571	0.567503
0.479382	0.659553	0.577232	0.514139	0.599425	0.441166	0.340047	0.518221	0.58732	0.557494
0.597604	0.70115	0.566108	0.577028	0.744021	0.528511	0.470022	0.367332	0.376615	0.497913

0.69878	0.692506	0.657444	0.602179	0.488078	0.507527	0.489198	0.52882	0.492647	0.719062
0.546218	0.447655	0.540346	0.693873	0.629993	0.659781	0.590672	0.44095	0.636123	0.490912
0.611716	0.542102	0.605353	0.583658	0.563559	0.67806	0.573855	0.561373	0.419514	0.253256
0.612742	0.655043	0.777694	0.511707	0.485043	0.412385	0.546338	0.499308	0.54782	0.509032
0.52641	0.543835	0.512777	0.41239	0.479782	0.526861	0.522898	0.421182	0.615118	0.623417
0.410376	0.477906	0.477052	0.351839	0.674415	0.629534	0.539511	0.579539	0.691112	0.621328
0.369798	0.649471	0.743336	0.639599	0.442579	0.55935	0.677945	0.694634	0.436166	0.439318
0.503456	0.587648	0.715352	0.744705	0.48053	0.472716	0.514825	0.390712	0.388011	0.625516
0.703817	0.505627	0.617544	0.626764	0.35194	0.557578	0.582182	0.428982	0.397224	0.539005
0.478627	0.391598	0.743336	0.573285	0.47091	0.541948	0.448211	0.465924	0.435487	0.296894
0.788895	0.553492	0.348867	0.50132	0.449491	0.561129	0.439382	0.260877	0.50045	0.554804
0.747765	0.569773	0.442664	0.557727	0.543208	0.806043	0.518036	0.365062	0.608	0.760084
0.612742	0.632105	0.63435	0.711443	0.64832	0.611146	0.739123	0.487893	0.595083	0.629744
0.595625	0.678076	0.650719	0.885567	0.61546	0.473444	0.59836	0.562264	0.481953	0.490912
0.824186	0.526808	0.575358	0.823312	0.652748	0.555813	0.55855	0.543936	0.44232	0.597016
0.787357	0.521828	0.632214	0.536669	0.402023	0.527685	0.578462	0.492423	0.475959	0.570273
0.6403	0.377756	0.605353	0.600192	0.460068	0.351649	0.440054	0.582331	0.58064	0.422517
0.553325	0.355811	0.525925	0.491948	0.525424	0.496634	0.365377	0.52882	0.494196	0.462539
0.46526	0.425942	0.52426	0.550593	0.64832	0.565609	0.50533	0.706897	0.669667	0.627625
0.685221	0.648365	0.724481	0.613275	0.592592	0.655329	0.602256	0.547368	0.509198	0.466897
0.929584	0.736203	0.799068	0.897196	0.634236	0.488263	0.401421	0.50396	0.494196	0.379261
0.668556	0.713805	0.601365	0.599202	0.679118	0.445926	0.413287	0.390112	0.303755	0.476494
0.639207	0.465407	0.46601	0.611236	0.371286	0.464076	0.613153	0.46951	0.463489	0.517973
0.681596	0.682833	0.652949	0.609207	0.482029	0.422632	0.448898	0.490152	0.357505	0.519619
0.557826	0.57162	0.523429	0.565894	0.544073	0.486008	0.444794	0.389513	0.364357	0.462539
0.525569	0.46396	0.593495	0.530715	0.372451	0.655329	0.513228	0.415423	0.421479	0.463262
0.708913	0.567017	0.673551	0.665312	0.508339	0.499718	0.489953	0.396151	0.43481	0.445529
0.769314	0.639618	0.485331	0.510899	0.569947	0.527685	0.395303	0.493183	0.471517	0.461816
0.573491	0.67926	0.501589	0.489636	0.718694	0.534339	0.507684	0.493183	0.421479	0.557494
0.645806	0.487714	0.565194	0.705086	0.590659	0.42458	0.462866	0.497001	0.602986	0.508229
0.728575	0.587648	0.446121	0.438917	0.623705	0.401757	0.266873	0.405991	0.407908	0.527941
0.538359	0.488477	0.479294	0.444423	0.543208	0.405479	0.531125	0.451873	0.301259	0.331827
0.46967	0.337614	0.489915	0.399711	0.404528	0.554055	0.521271	0.376534	0.447865	0.412097
0.46967	0.464682	0.563371	0.555038	0.556372	0.50517	0.35363	0.399202	0.391673	0.477241
0.478627	0.524311	0.392624	0.470099	0.506747	0.555813	0.366512	0.515011	0.541717	0.450421
0.47338	0.615408	0.480795	0.50132	0.418572	0.44252	0.454431	0.522267	0.475959	0.466897
0.701291	0.68403	0.425777	0.542706	0.427751	0.530999	0.336849	0.367332	0.436845	0.362293
0.569754	0.622634	0.600373	0.426779	0.320288	0.387182	0.363679	0.305389	0.342472	0.288582
0.460895	0.43194	0.39201	0.47453	0.393979	0.420047	0.464287	0.30836	0.283224	0.450421
0.355366	0.38372	0.441288	0.516586	0.380102	0.3848	0.555025	0.496235	0.505996	0.442757
0.461619	0.471979	0.444043	0.446505	0.435776	0.374818	0.445475	0.37076	0.418209	0.374514
0.334308	0.448351	0.38532	0.313821	0.401399	0.511484	0.38273	0.331836	0.441632	0.298873
0.330002	0.364917	0.242137	0.23782	0.479036	0.388378	0.272789	0.43559	0.402219	0.269169
0.453003	0.438022	0.340621	0.236531	0.517204	0.415561	0.311581	0.353334	0.418209	0.315552
0.472635	0.371289	0.327744	0.322103	0.361505	0.36848	0.263272	0.312854	0.309803	0.323351
0.350847	0.373043	0.360111	0.308218	0.338246	0.355518	0.343808	0.25206	0.191462	0.330225
0.386552	0.276743	0.336826	0.398463	0.423137	0.395016	0.450275	0.373637	0.296802	0.332362

0.472635	0.370706	0.316782	0.36896	0.381887	0.418119	0.330001	0.278602	0.226044	0.345963
0.329467	0.326946	0.337366	0.37897	0.34641	0.400524	0.310081	0.29515	0.251025	0.358864
0.412962	0.368961	0.360681	0.263985	0.48884	0.467655	0.287703	0.351136	0.359777	0.344308
0.509082	0.525974	0.549058	0.509288	0.546679	0.469095	0.405755	0.366764	0.329533	0.273824
0.485468	0.42068	0.472601	0.459216	0.401399	0.359983	0.402037	0.380622	0.351877	0.216057
0.731265	0.635309	0.436508	0.519869	0.466541	0.378901	0.483951	0.468072	0.394748	0.452535
0.940368	0.744392	0.673551	0.643963	0.594533	0.607164	0.561212	0.432273	0.35864	0.472038
0.976793	0.884663	1.097726	1.021428	0.66516	0.659781	0.579389	0.451182	0.355245	0.555699
1.190206	0.867864	1.164922	0.852438	0.723905	0.894343	0.75136	0.641231	0.774318	0.724313
2.09657	1.063427	0.879654	1.200037	1.29292	0.732697	0.819937	0.819896	0.73341	0.701168
1.310154	0.678076	0.648501	0.716597	0.725217	0.534339	0.614157	0.791786	0.698503	0.657147
0.707633	0.537799	0.624817	0.684142	0.772379	0.743415	0.810354	0.632761	0.814588	0.785174
1.145958	1.470657	1.206853	1.098481	1.115858	1.26117	1.325695	1.053518	0.873601	0.976857
1.696382	0.888486	0.770308	0.794464	0.966877	0.714556	0.848298	1.048028	0.800222	0.925663
0.910824	0.55172	0.70641	0.783743	0.717401	0.644394	0.772555	0.933581	0.803374	1.011257
0.651383	0.633171	0.953398	1.09537	0.821996	0.831863	0.942235	1.059079	1.072988	0.765859
0.822518	0.789354	0.621685	0.629937	1.020502	0.761415	0.619214	0.685068	0.816214	0.672111
0.565127	0.601306	0.603354	0.48051	0.473111	0.601258	0.658585	0.478972	0.52808	0.813422
0.543582	0.490009	0.631149	0.64948	0.538052	0.854034	0.975587	0.821512	0.900442	1.367164
0.651383	0.556164	0.728453	0.829991	0.859725	0.886731	0.880493	0.755538	0.860778	0.679195
0.701291	0.574406	0.51848	0.632066	0.756553	0.534339	0.562996	0.523081	0.755502	0.537284
0.509891	0.61746	0.537766	0.661871	0.688679	0.421338	0.668727	0.781328	0.717548	0.754385
0.666227	0.926589	0.621685	0.786779	0.913033	0.873721	0.919309	0.966217	1.438617	0.951619
0.814273	0.873392	0.770308	0.562245	0.56085	1.105197	0.782811	0.68744	0.604985	0.547711
0.790438	0.736203	0.571634	0.609207	0.739922	0.767107	1.13924	0.752765	0.465663	0.657147
0.885081	0.729495	0.85051	0.998509	0.957801	0.769981	0.913261	0.86045	1.025644	0.789757
0.983976	0.920346	0.877774	0.845407	0.569947	0.710765	0.607175	0.714424	0.72673	0.71646
0.757688	0.920346	0.750273	0.638515	0.723905	0.802921	0.577536	0.74455	0.879215	0.676821
0.551537	1.096231	0.751674	0.813481	1.010247	0.822	0.855249	1.073301	0.944095	1.367164
0.890888	1.189132	1.175962	1.208	1.012788	0.886731	1.109933	0.818285	0.777287	0.46836
0.700033	0.622634	0.70641	0.899165	0.681489	0.583068	0.725918	0.849951	0.831128	0.402549
0.652507	0.784794	0.598397	0.555932	0.815475	0.833529	0.771109	1.03992	0.877336	0.965203
1.109011	0.914191	0.900888	0.949312	1.039053	0.855788	0.807206	0.685068	0.624445	0.625516
0.69504	0.589573	0.63435	0.840207	0.64068	0.723532	0.915267	0.643375	0.875464	0.876109
0.655896	0.616433	0.63435	0.962809	0.729179	0.884848	0.937976	0.588916	0.884902	1.10827
0.719288	1.131716	0.900888	0.988699	0.863323	1.239385	1.073701	0.927338	0.862587	0.859569
0.832623	0.898193	1.08545	1.638818	1.344437	0.698363	0.693354	0.728571	0.755502	0.599982
0.851783	0.888486	0.693949	0.859584	0.957801	0.698363	0.620232	0.629627	1.012648	0.872379
0.546218	0.764123	0.889177	0.619449	1.14251	1.147777	1.19296	1.249103	1.175376	1.037612
0.822518	1.07213	0.917011	0.976739	0.784262	0.823628	0.720746	1.031961	0.955169	0.792838
0.824186	0.745772	0.848752	1.107951	0.909	0.341855	0.633694	0.73782	0.814588	0.754385
1.080958	0.806498	1.015711	1.042869	0.992862	0.615166	1.016767	0.950682	0.971162	1.089499
1.310154	1.292614	0.747485	0.691419	0.94891	0.985911	0.556784	0.800956	0.784798	1.051414
0.750577	0.904124	0.668887	0.811864	0.831965	0.75163	0.6597	0.77256	0.642628	0.87424
0.75199	0.589573	0.845257	0.815104	0.654978	0.767107	0.864097	0.880384	1.106623	1.22077
0.690103	0.702399	1.172251	0.79914	0.938047	1.077988	1.034928	0.921184	1.319868	1.188834
0.848236	0.85169	0.660845	0.604176	0.686269	1.060752	0.651953	0.574926	0.822779	0.751564

0.687655	0.837803	0.8232	0.698821	0.661739	0.930355	0.559435	0.611282	0.68145	0.75016
0.839493	0.708698	0.771776	1.134264	0.876156	1.017877	0.884222	0.625482	0.5685	0.622371
0.619991	0.729495	1.067663	0.729755	0.496535	0.639028	0.564787	0.522267	0.610022	0.422517
0.521388	0.555271	0.589613	0.848908	0.589696	0.398067	0.450275	0.652056	0.584445	0.330758
0.702552	0.490776	0.412724	0.729755	0.668608	0.593506	0.551529	0.665413	0.613072	0.645978
0.595625	0.640701	0.463112	0.467901	0.452286	0.474903	0.460742	0.43559	0.390449	0.400664
0.483938	0.405264	0.369903	0.540973	0.421828	0.339708	0.478032	0.47023	0.395985	0.349849
0.420812	0.427932	0.463112	0.486572	0.476063	0.522761	0.438039	0.476038	0.466391	0.465439
0.496328	0.48316	0.625866	0.659591	0.642849	0.579333	0.508472	0.604352	0.488798	0.323876
0.587797	0.380728	0.446121	0.394124	0.415984	0.433126	0.417742	0.30342	0.379585	0.399413
0.441082	0.289122	0.359542	0.326832	0.402023	0.461943	0.411392	0.348949	0.462766	0.364018
0.424126	0.425942	0.42182	0.385573	0.368386	0.529339	0.50533	0.335522	0.381377	0.314009
0.276646	0.329589	0.361252	0.21846	0.203102	0.342393	0.341655	0.310352	0.349646	0.338294
0.372152	0.366645	0.307097	0.266277	0.278397	0.305737	0.368792	0.284205	0.283701	0.445529
0.324679	0.320149	0.443353	0.339699	0.34696	0.413653	0.428755	0.35888	0.389838	0.341018
0.45729	0.318596	0.319367	0.308218	0.369544	0.278861	0.287229	0.299509	0.341926	0.356593
0.355366	0.242458	0.287387	0.335907	0.219197	0.267833	0.265519	0.358322	0.376615	0.328098
0.284774	0.264707	0.471128	0.478258	0.29224	0.360544	0.426791	0.465924	0.355245	0.417928
0.450169	0.324843	0.242571	0.351839	0.260451	0.374818	0.286283	0.381797	0.270984	0.419889
0.245135	0.264707	0.311658	0.348494	0.277928	0.28827	0.362551	0.419896	0.381377	0.352085
0.1821	0.264707	0.300096	0.438917	0.337169	0.408605	0.440728	0.484153	0.423452	0.47426
0.443858	0.41548	0.414657	0.47751	0.367232	0.398067	0.421597	0.390712	0.42876	0.343209
0.361081	0.423961	0.463112	0.35521	0.218788	0.279327	0.413287	0.340843	0.384983	0.382856
0.285257	0.329589	0.437869	0.436871	0.452988	0.438469	0.493746	0.47023	0.394131	0.410811
0.480895	0.53016	0.511968	0.450701	0.418572	0.431139	0.448898	0.388915	0.325831	0.244856
0.36281	0.365492	0.430439	0.482773	0.394592	0.31172	0.376286	0.313357	0.413028	0.391976
0.379893	0.284797	0.387134	0.360315	0.452988	0.329131	0.320694	0.339773	0.457742	0.507426
0.444555	0.553492	0.660845	0.482017	0.394592	0.497403	0.471467	0.433597	0.355809	0.43795
0.477873	0.378349	0.409522	0.460651	0.338246	0.358303	0.385097	0.350588	0.403477	0.414032
0.375707	0.363195	0.380518	0.383762	0.391533	0.449358	0.392276	0.428982	0.412384	0.505826
0.544459	0.464682	0.578172	0.550593	0.524595	0.613151	0.56389	0.421182	0.438207	0.428491
0.533198	0.403375	0.391398	0.580804	0.473847	0.462653	0.555904	0.52882	0.483465	0.540732
0.518899	0.477906	0.45312	0.54707	0.376554	0.528511	0.490709	0.428982	0.453482	0.65489
0.661605	0.578149	0.69889	0.623614	0.423793	0.416838	0.466429	0.419254	0.340834	0.36575
0.487003	0.425942	0.472601	0.48353	0.456514	0.429161	0.52617	0.527995	0.43481	0.290038
0.41818	0.524311	0.521773	0.462813	0.485043	0.415561	0.38332	0.465211	0.72146	0.505028
0.506662	0.721579	0.499229	0.476763	0.661739	0.525216	0.466429	0.507089	0.471517	0.517153
0.554221	0.541238	0.497663	0.350164	0.582066	0.453512	0.52617	0.431613	0.504404	0.347624
0.458728	0.40212	0.460234	0.422149	0.506747	0.395016	0.587823	0.477502	0.435487	0.541598
0.4638	0.397137	0.679451	0.619449	0.554593	0.521946	0.511636	0.55344	0.612053	0.697428
0.499481	0.559751	0.515212	0.564066	0.599425	0.39868	0.311081	0.428326	0.445777	0.513074
0.487772	0.471244	0.529275	0.390438	0.384879	0.581196	0.564787	0.568549	0.475959	0.522099
0.486235	0.446265	0.504756	0.464986	0.439845	0.554933	0.58972	0.532134	0.435487	0.480242
0.508274	0.421989	0.507947	0.485049	0.290304	0.469817	0.429411	0.422472	0.554902	0.551243
0.379893	0.522654	0.42977	0.348494	0.439845	0.326526	0.304131	0.525531	0.539988	0.480996
0.411021	0.494635	0.398806	0.603177	0.512346	0.443879	0.406377	0.630669	0.565746	0.678006
0.68401	0.647262	0.400053	0.470099	0.481279	0.557578	0.453736	0.430954	0.483465	0.461095

0.448055	0.423961	0.388348	0.434833	0.482029	0.457707	0.568392	0.513415	0.449262	0.395679
0.409732	0.367223	0.430439	0.509288	0.462933	0.433126	0.592581	0.557829	0.447865	0.52376
0.390844	0.511229	0.55437	0.618414	0.605369	0.562021	0.448898	0.406613	0.408545	0.538144
0.288652	0.410342	0.538624	0.488101	0.504369	0.554933	0.57294	0.430954	0.546067	0.473518
0.422797	0.418722	0.515212	0.507682	0.574569	0.421984	0.278786	0.522267	0.535698	0.578691
0.749169	0.764123	0.613443	0.430788	0.558158	0.535178	0.294874	0.475308	0.459172	0.47426
0.542707	0.453962	0.424454	0.500531	0.444641	0.597364	0.506113	0.508662	0.517307	0.33721
0.438324	0.403375	0.4338	0.555038	0.438485	0.409232	0.537821	0.639098	0.381976	0.152509
0.690103	0.594423	0.472601	0.622569	0.463652	0.600281	0.545478	0.497001	0.452071	0.37216
0.770789	0.718972	0.59155	0.621526	0.529592	0.533501	0.57294	0.320961	0.47745	0.582485
0.420153	0.447655	0.636497	0.646161	0.489603	0.513078	0.360864	0.405991	0.56758	0.491685
0.497114	0.576273	0.555262	0.546194	0.527086	0.515478	0.430728	0.478972	0.526405	0.370987
0.490089	0.582872	0.603354	0.67817	0.353613	0.290177	0.461449	0.408486	0.455607	0.469828
0.288166	0.211489	0.217253	0.408548	0.439845	0.471264	0.442079	0.497769	0.349646	0.463987
0.475621	0.392823	0.233541	0.283622	0.481279	0.403614	0.354735	0.34299	0.316968	0.48175
0.487772	0.442811	0.427769	0.364328	0.419221	0.347269	0.490709	0.417334	0.274713	0.374514
0.386552	0.315505	0.382312	0.406639	0.356415	0.284482	0.348146	0.483409	0.378394	0.374514
0.278545	0.377756	0.463835	0.384968	0.307543	0.44661	0.325322	0.438932	0.357505	0.501852
0.274756	0.318596	0.362395	0.419525	0.419221	0.375981	0.41392	0.384156	0.303755	0.412097
0.290605	0.299385	0.276446	0.33807	0.331823	0.266927	0.439382	0.360557	0.301757	0.288098
0.313709	0.366068	0.369903	0.395978	0.386684	0.339173	0.326358	0.343528	0.458456	0.277585
0.343603	0.48316	0.457375	0.334829	0.466541	0.421984	0.355289	0.400429	0.429428	0.338838
0.299001	0.373629	0.285944	0.287465	0.339325	0.358303	0.349784	0.273529	0.335955	0.266399
0.369211	0.293979	0.199976	0.270897	0.372451	0.332803	0.230893	0.259987	0.296802	0.278057
0.325209	0.256565	0.319367	0.301688	0.196827	0.171032	0.361426	0.44095	0.438207	0.279004
0.441775	0.409067	0.324584	0.417568	0.326017	0.326526	0.312083	0.401659	0.341926	0.261367
0.282848	0.297411	0.173613	0.234818	0.211075	0.290655	0.274165	0.279996	0.320596	0.35377
0.345264	0.349106	0.395704	0.259891	0.207868	0.42328	0.355289	0.270331	0.345768	0.339382
0.49164	0.410342	0.488381	0.419525	0.476805	0.489017	0.289128	0.363932	0.354682	0.32178
0.662756	0.738916	0.620646	0.626764	0.616482	0.945208	0.66532	0.457439	0.452071	0.370402
0.175804	0.398225	1.679832	0.308241	0.15412	0.385301	1.745497	1.109463	0.730726	0.915289
0	0	0	0	0	0	0	0.365363	1.252624	1.098783
0	0	0	0	0	0	0	0.182681	0.274022	0.821658
0	0	0	0.436225	1.238219	1.222712	1.204551	1.656685	0.544534	0.818352
0	0.351317	2.69582	1.470305	0.872451	1.069284	1.100588	1.429113	1.103456	0.815046
0.820857	0.758394	0.702634	0.936222	0.831965	0.760003	0.723324	0.905186	0.720152	0.724313
0.523892	0.613365	0.525092	0.389217	0.57179	0.757194	0.489953	0.810322	0.696025	0.569347
0.372152	0.400869	0.468196	0.153227	0.353054	0.420047	0.508472	0.44095	0.527242	0.4713
0.371562	0.402747	0.320406	0.332682	0.408947	0.439815	0.446158	0.347859	0.447168	0.5712
0.474872	0.317563	0.292231	0.354646	0.255966	0.257521	0.39047	0.350588	0.420823	0.425826
0.46746	0.422646	0.390175	0.367798	0.296628	0.340244	0.327915	0.295632	0.370735	0.340472
0.52473	0.542102	0.486854	0.451404	0.381292	0.509897	0.462157	0.254248	0.363782	0.319174
0.383512	0.418072	0.536054	0.351839	0.344218	0.351099	0.475832	0.292747	0.421479	0.463987
0.360506	0.200324	0.347205	0.392277	0.331823	0.413653	0.4347	0.33924	0.424112	0.533863
0.401446	0.413546	0.347205	0.320018	0.452988	0.370774	0.435366	0.457439	0.99755	0.212056
0.45729	0.599328	0.53096	0.640686	1.041769	1.044174	1.659387	0.217683	0	0
1.394606	0.228645	0.114322	0.057161	0.028581	0.01429	0	0	0	0

[illegible]

230	231	232	233	234	235	236	237	238	239
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.721928	2.535461	1.129945	1.529189	1.061378	2.033154	1.731558	1.361278	1.738715	0.946839
1.366249	1.265116	0.840159	1.19846	1.553321	0.924297	0.892561	0.966704	1.180047	1.032387
1.051813	0.987658	1.107283	1.505082	0.928779	0.750392	0.714762	0.842716	0.815789	0.800746
0.922201	1.14376	0.894589	1.023089	1.005184	1.164535	0.803246	0.801266	0.976296	1.369265
1.111695	0.781006	0.751054	0.705081	0.740518	0.469579	0.529456	0.665258	0.733521	0.763567
1.032664	0.824603	0.906345	0.945439	1.137303	0.591068	0.73188	0.980818	0.85619	0.356681
0.855041	1.007162	0.71	0.51062	0.748855	1.143193	0.858901	1.047909	0.943577	0.588725
0.761085	0.909335	0.543999	0.464115	0.359038	0.673352	0.957452	0.534474	0.544181	0.48895
0.986981	0.975898	0.864714	0.71765	0.732338	0.845858	0.812849	0.598913	0.652705	0.956675
0.556936	0.760746	0.770948	0.783629	1.010276	0.943591	0.831025	0.6878	0.709231	0.672793
0.656027	0.521253	0.383617	0.426657	0.603553	0.754628	0.68846	0.454956	0.406839	0.459962
0.686289	0.708834	0.569753	0.420823	0.807336	0.861903	0.95296	0.532766	0.804203	0.812218
0.511921	0.643712	0.680684	0.619864	0.579152	0.641598	0.526098	0.599906	0.880805	0.938532
0.464575	0.606478	0.555355	0.667144	0.514047	0.522749	0.613832	0.969025	0.693762	0.529435
0.456689	0.641557	0.666736	0.568096	0.348866	0.645994	0.723896	0.878982	0.461116	0.495307
0.839328	0.496708	0.376523	0.632256	0.542754	0.614056	0.391926	0.682956	0.848888	0.636969
0.505514	0.624696	0.500548	0.393986	0.398516	0.296965	0.429081	0.384123	0.35568	0.427962
0.40833	0.697687	0.652115	0.373303	0.408652	0.573889	0.542284	0.578558	0.478508	0.501759
0.496855	0.676216	0.537155	0.515396	0.522295	0.250127	0.57006	0.518516	0.396497	0.492912
0.464575	0.399823	0.330923	0.361912	0.599556	0.35509	0.468981	0.507122	0.608902	0.518321
0.420578	0.357042	0.537155	0.485249	0.541882	0.382512	0.502501	0.615088	0.546882	0.360186
0.704757	0.66473	0.556241	0.443284	0.523129	0.626551	0.599735	0.476123	0.462601	0.377536
0.3093	0.421285	0.542278	0.553872	0.461767	0.496915	0.568214	0.410958	0.423508	0.357263
0.469669	0.559548	0.741438	0.466255	0.380125	0.483032	0.602718	0.590072	0.593551	0.425911
0.711092	0.602531	0.551829	0.535045	0.577258	0.444556	0.733225	0.63082	0.774231	0.648205
0.525025	0.612466	0.413211	0.461987	0.590694	0.455104	0.342096	0.302692	0.533543	0.599783

0.628791	0.544682	0.475537	0.647176	0.635849	0.248355	0.250624	0.540504	0.457426	0.651634
0.547202	0.655756	0.63477	0.376779	0.406733	0.559169	0.525262	0.6878	0.575819	0.768044
0.433181	0.431763	0.562494	0.621905	0.484823	0.333581	0.51211	0.47018	0.450138	0.51079
0.618358	0.484563	0.608984	0.540099	0.481779	0.413072	0.756754	0.600902	0.713187	0.325808
0.596251	0.646964	0.346508	0.459165	0.404823	0.424862	0.395625	0.20195	0.499045	0.613226
0.531729	0.814885	0.522961	0.435889	0.523129	0.60693	0.463879	0.322713	0.53706	0.592714
0.663969	0.690411	0.372438	0.523475	0.456011	0.557364	0.364564	0.628689	0.653859	0.584772
0.41797	0.402913	0.404995	0.32065	0.404188	0.737928	0.653452	0.73673	0.549599	0.486589
0.504719	0.350396	0.506044	0.415703	0.361906	0.340087	0.387042	0.427357	0.382667	0.507484
0.359108	0.233523	0.65101	0.356881	0.456726	0.326113	0.350386	0.627627	0.591545	0.427277
0.377067	0.379372	0.63477	0.605839	0.766025	0.572022	0.690898	0.661803	0.77271	0.605936
0.398278	0.410421	0.485973	0.329428	0.505953	0.598926	0.434465	0.456383	0.472379	0.597752
0.40833	0.513983	0.349804	0.399467	0.486354	0.421555	0.323872	0.461416	0.411442	0.549823
0.371776	0.524524	0.400634	0.480792	0.469072	0.484553	0.405648	0.676976	0.500666	0.442603
0.542848	0.362659	0.422236	0.267319	0.429663	0.477001	0.524429	0.399522	0.440843	0.449751
0.388453	0.326861	0.387809	0.379698	0.527321	0.384927	0.443358	0.494455	0.387645	0.321495
0.468938	0.507622	0.614021	0.42018	0.458879	0.347802	0.492325	0.432738	0.334683	0.227332
0.386031	0.522068	0.413211	0.476379	0.446816	0.335198	0.356567	0.465776	0.518905	0.49053
0.458825	0.53114	0.350908	0.533373	0.518152	0.437663	0.335037	0.375139	0.347615	0.501759
0.480791	0.386481	0.368391	0.530049	0.372982	0.243518	0.342644	0.381709	0.400346	0.397521
0.513537	0.482323	0.43681	0.372726	0.516505	0.45015	0.50568	0.467972	0.544181	0.432788
0.234209	0.307514	0.453986	0.375037	0.405459	0.243518	0.429081	0.33605	0.486292	0.501759
0.229552	0.456308	0.495892	0.363037	0.198381	0.503231	0.431764	0.388992	0.338578	0.429336
0.496855	0.517199	0.590362	0.530877	0.466867	0.627608	0.406917	0.482907	0.331921	0.669194
0.475565	0.440467	0.463911	0.569907	0.483298	0.329298	0.376249	0.581408	0.602696	0.496108
0.378252	0.331572	0.571587	0.405019	0.461043	0.358496	0.3223	0.405202	0.544181	0.225178
0.577085	0.557773	0.791797	0.585616	0.553357	0.425526	0.469714	0.449998	0.422151	0.40918
0.410241	0.471293	0.548332	0.701381	0.535827	0.459396	0.514546	0.673427	0.515531	0.45702
0.394567	0.554243	0.323076	0.369854	0.420345	0.357926	0.260491	0.311306	0.319976	0.284491
0.572423	0.729386	0.409399	0.361912	0.383742	0.285255	0.262765	0.228612	0.313597	0.317224
0.476308	0.615491	0.411937	0.431248	0.6569	0.469579	0.335576	0.276884	0.496625	0.323108
0.535972	0.391285	0.411937	0.512206	0.368868	0.066716	0.390088	0.596933	0.489445	0.570263
0.412802	0.410421	0.365523	0.363037	0.281724	0.253246	0.394389	0.440937	0.336904	0.325808
0.48608	0.580508	0.505254	0.397632	0.48406	0.531148	0.441978	0.253419	0.443682	0.370873
0.319022	0.366635	0.403744	0.42018	0.377134	0.326113	0.50808	0.322188	0.498237	0.429336
0.236343	0.33954	0.339452	0.350264	0.38193	0.346691	0.263222	0.375139	0.339698	0.288947
0.385427	0.363791	0.336769	0.415067	0.336749	0.294992	0.203201	0.307231	0.277656	0.283998
0.232086	0.363225	0.307294	0.325275	0.363059	0.370045	0.352623	0.375732	0.345907	0.208318
0.328438	0.33954	0.436136	0.274155	0.214065	0.324529	0.336116	0.293754	0.331371	0.342939
0.395801	0.296695	0.316388	0.316579	0.277913	0.337364	0.266429	0.244114	0.219113	0.307246
0.343502	0.310513	0.307794	0.365298	0.386169	0.368293	0.295429	0.383518	0.245815	0.287953
0.27525	0.261715	0.288221	0.309547	0.317103	0.220523	0.256427	0.338768	0.3042	0.314049
0.336443	0.356484	0.351461	0.292447	0.28799	0.208659	0.235803	0.291304	0.302653	0.242271
0.290485	0.254163	0.28536	0.220639	0.27602	0.259553	0.302867	0.291304	0.239095	0.337339
0.244547	0.208237	0.210452	0.145166	0.331351	0.401595	0.213663	0.24852	0.236878	0.346334
0.343502	0.212617	0.294972	0.344826	0.325489	0.251461	0.289569	0.284515	0.367468	0.322032
0.320058	0.208633	0.2533	0.281099	0.378328	0.230593	0.362264	0.310284	0.285005	0.183806

0.263253	0.22976	0.257292	0.410642	0.351668	0.287185	0.26551	0.28984	0.32754	0.277163
0.336443	0.388876	0.402498	0.461987	0.351668	0.380109	0.247971	0.371009	0.338578	0.307246
0.488366	0.377028	0.362674	0.511412	0.49722	0.368876	0.282831	0.424691	0.340258	0.363719
0.512728	0.28472	0.402498	0.473462	0.376539	0.400338	0.380414	0.513596	0.458161	0.258206
0.509507	0.458417	0.573428	0.456361	0.331888	0.356223	0.39254	0.434094	0.329725	0.17072
0.35628	0.374697	0.391435	0.530049	0.504352	0.460116	0.433112	0.468707	0.280581	0.364311
0.324752	0.310011	0.373601	0.362474	0.3677	0.362503	0.342644	0.385942	0.359183	0.380598
0.453856	0.537012	0.406877	0.23216	0.334581	0.441786	0.350386	0.230732	0.288976	0.421161
0.578024	0.409791	0.447724	0.533373	0.514865	0.455816	0.365718	0.397645	0.43943	0.385544
0.423859	0.376444	0.371858	0.509829	0.458879	0.38191	0.561812	0.529371	0.462601	0.403959
0.393952	0.421285	0.386607	0.469844	0.421664	0.331434	0.46099	0.532766	0.380199	0.376317
0.299791	0.411685	0.427479	0.439235	0.439873	0.522749	0.451028	0.366919	0.473903	0.380598
0.44616	0.526168	0.529583	0.411272	0.411869	0.465186	0.455269	0.386551	0.554167	0.459962
0.46241	0.376444	0.366095	0.444642	0.396018	0.420239	0.377435	0.313873	0.474667	0.474214
0.390278	0.305527	0.32672	0.416977	0.555149	0.371804	0.369783	0.441628	0.471619	0.545308
0.489131	0.565821	0.626351	0.651535	0.475753	0.402855	0.48012	0.539638	0.375305	0.471174
0.375296	0.561331	0.448415	0.382046	0.43576	0.498486	0.650101	0.369837	0.322124	0.472691
0.451042	0.34711	0.366095	0.460573	0.604559	0.723165	0.583212	0.324292	0.457426	0.662085
0.55963	0.537012	0.350908	0.341059	0.478003	0.463731	0.492325	0.347579	0.520602	0.715813
0.503926	0.463379	0.33304	0.499675	0.518977	0.438348	0.336116	0.391447	0.459636	0.534662
0.238917	0.404156	0.453986	0.906317	0.683828	0.690144	0.529456	0.598913	0.664383	0.587733
0.191668	0.503693	0.666736	0.856163	0.548023	0.623393	0.77863	0.855067	0.621585	0.538182
0.565067	0.596678	0.572506	0.552126	0.674272	0.575765	0.360547	0.415487	0.396497	0.557145
0.588483	0.465523	0.547462	0.619864	0.452451	0.356223	0.506479	0.23329	0.499854	0.727952
0.714938	0.708834	0.610992	0.567193	0.412515	0.471053	0.664811	0.656106	0.660847	0.533786
0.670894	0.903404	0.684242	0.865025	0.852994	0.572022	0.491552	0.575726	0.428292	0.597752
0.436559	0.772207	0.904363	1.03352	0.782384	0.573889	0.571915	1.020865	0.950384	0.670391
0.471136	0.831204	0.675985	0.501222	0.500376	0.470316	0.806423	0.63082	0.689979	0.589719
0.835912	0.858661	0.785737	0.520226	0.817076	0.721847	0.733225	0.543988	0.629159	0.774086
0.623543	0.610461	0.570669	0.745291	0.975822	0.941404	0.601721	0.488258	0.7866	1.018816
0.950053	0.614481	0.517248	0.694072	0.611661	0.51861	0.746911	0.650482	0.658505	0.824001
0.75681	0.799157	0.641194	1.307538	0.75167	0.777942	0.56	0.603903	0.621585	0.569313
0.698514	0.853379	1.079783	1.859615	1.259324	1.370584	0.700787	1.28271	1.033276	0.617448
0.903915	0.893695	0.92253	0.840655	0.827038	1.370584	2.084412	0.916489	0.804203	0.822298
0.742857	0.627808	0.868338	0.837282	0.856575	0.893932	1.039187	0.622359	0.580673	0.748969
0.574282	0.682074	1.032158	0.689268	0.662614	0.81219	0.819371	0.731312	1.027776	0.850381
0.589446	0.649145	0.55891	0.385594	0.498007	0.833775	0.924841	0.766338	0.600647	0.561784
0.745612	0.63728	0.516438	0.643936	0.613711	0.852916	0.646776	0.652723	0.450861	0.759136
0.56234	0.630943	0.687829	0.808054	0.653508	0.669836	0.50092	0.933305	0.867378	0.585757
0.637322	0.652438	0.678328	0.550388	0.543628	0.70004	0.765373	0.980818	0.657339	0.366686
0.548956	0.633045	0.693875	0.573553	0.607588	0.559169	0.635874	0.412893	0.566272	0.552554
0.670894	0.515588	0.447034	0.519417	0.783902	0.770521	0.600727	0.465046	0.485507	0.629273
0.560531	0.615491	0.494351	0.437894	0.308366	0.417619	0.493099	0.625512	0.650407	0.530301
0.630908	0.669288	0.616051	0.613797	0.503554	0.526928	0.480873	0.451409	0.323202	0.447594
0.570572	0.597648	0.51161	0.930613	0.75167	0.540578	0.650101	0.550153	0.382667	0.430713
0.489131	0.605488	0.588448	0.680985	0.518977	0.375344	0.609757	0.495236	0.461116	0.351477
0.415379	0.495171	0.611999	0.559152	0.590694	0.461558	0.547523	0.492121	0.530054	0.477275

0.55515	0.644793	0.385409	0.501997	0.645694	0.65832	0.412675	0.339859	0.364491	0.551642
0.469669	0.44866	0.493583	0.676322	0.676641	0.597936	0.277137	0.459972	0.480828	0.459962
0.438599	0.411685	0.512411	0.392777	0.400398	0.553776	0.554609	0.625512	0.524015	0.41713
0.521712	0.454907	0.438835	0.488247	0.475753	0.363079	0.431764	0.499162	0.444394	0.609046
0.68992	0.676216	0.683053	0.738549	0.556048	0.307478	0.583212	0.620269	0.645846	0.441894
0.452447	0.565821	0.584644	0.718927	0.820371	0.742043	0.717352	0.509538	0.474667	0.341251
0.48004	0.522885	0.553589	0.498134	0.560572	0.688923	0.53284	0.394535	0.446539	0.478813
0.598215	0.648053	0.502111	0.523475	0.66492	0.43972	0.189504	0.448592	0.527456	0.481132
0.355154	0.486063	0.396931	0.452189	0.360183	0.452266	0.328622	0.414837	0.53706	0.52171
0.371776	0.313531	0.300843	0.443963	0.358466	0.439033	0.442667	0.449294	0.530054	0.441187
0.519243	0.393707	0.557129	0.505895	0.578204	0.363079	0.50808	0.419408	0.449416	0.436967
0.55963	0.491353	0.383021	0.530049	0.531553	0.631865	0.659094	0.543988	0.43522	0.41847
0.429161	0.443181	0.291101	0.379112	0.411869	0.592042	0.434465	0.419408	0.339698	0.515796
0.475565	0.390682	0.245859	0.341595	0.626223	0.559169	0.404382	0.400778	0.304716	0.434872
0.520888	0.548134	0.438835	0.471287	0.436443	0.365968	0.433112	0.532766	0.594558	0.48895
0.166915	0.3718	0.433454	0.232994	0.402921	0.3898	0.431092	0.452116	0.503925	0.350902
0.392111	0.269857	0.398779	0.300669	0.38193	0.33197	0.393772	0.365177	0.356845	0.279105
0.429161	0.42912	0.551829	0.418896	0.363059	0.448744	0.541417	0.392062	0.200009	0.264747
0.307281	0.422581	0.306794	0.245282	0.404188	0.443169	0.431764	0.456383	0.339698	0.352052
0.280427	0.36153	0.346508	0.265965	0.35961	0.484553	0.33075	0.319573	0.395858	0.474214
0.33109	0.397979	0.392042	0.435889	0.366535	0.394108	0.256427	0.306725	0.459636	0.384923
0.325276	0.489078	0.513213	0.647176	0.519805	0.356223	0.407553	0.345359	0.42898	0.297493
0.377659	0.342768	0.422236	0.411902	0.473514	0.455816	0.482382	0.548383	0.408806	0.286961
0.328438	0.404156	0.520503	0.484503	0.411869	0.421555	0.34816	0.415487	0.420123	0.347472
0.440648	0.513183	0.608984	0.460573	0.383742	0.618181	0.39254	0.380507	0.237764	0.240042
0.392724	0.513183	0.324634	0.488999	0.48406	0.549332	0.413965	0.460693	0.402931	0.422513
0.354031	0.436428	0.281574	0.37215	0.532404	0.464458	0.278081	0.196023	0.511351	0.447594
0.680303	0.515588	0.476274	0.590346	0.561482	0.342277	0.432438	0.486723	0.438022	0.321495
0.487603	0.652438	0.581813	0.634357	0.688687	0.489148	0.645674	0.532766	0.275717	0.298001
0.432508	0.36835	0.647713	0.464827	0.436443	0.409854	0.510494	0.502328	0.414094	0.516636
0.650441	0.507622	0.741438	0.533373	0.422325	0.635085	0.496992	0.382311	0.406185	0.480358
0.811115	0.602531	0.751054	0.689268	0.774872	0.813813	0.500131	0.513596	0.450138	0.656248
0.5992	0.725458	0.464628	0.489753	0.591669	0.5303	0.390088	0.695168	0.676384	0.566474
0.732009	0.549002	0.505254	0.554748	0.623061	0.463005	0.462432	0.718055	0.531795	0.421161
0.670894	0.730704	0.716364	0.794146	0.840688	0.618181	0.81447	0.64273	0.365085	0.411154
0.648227	0.700139	0.583698	0.456361	0.639106	0.637245	0.84127	0.9003	0.487078	0.474214
0.433854	0.540404	0.577135	0.29678	0.39977	0.479253	0.315553	0.514412	0.584595	0.621711
0.400145	0.566725	0.542278	0.555625	0.382533	0.721847	0.544896	0.284515	0.265204	0.656248
0.568729	0.594744	0.726746	0.86862	0.71383	0.618181	0.677658	0.564581	0.525732	0.63808
0.641651	0.649145	0.362106	0.61682	0.611661	0.427526	0.535395	0.39827	0.433826	0.4138
0.674399	0.452815	0.584644	0.715107	0.68991	0.480006	0.53284	0.563665	0.49743	0.391806
0.658281	0.726763	0.708738	0.641789	0.626223	0.435617	0.680036	0.542243	0.400991	0.394972
0.635174	0.613472	0.606986	0.539253	0.509173	0.392256	0.665963	0.892427	0.58165	0.641429
0.547202	0.492114	0.724127	0.783629	0.466135	0.476253	0.405648	0.511157	0.519752	0.52086
0.612216	0.589947	0.590362	0.45776	0.289449	0.652674	0.526935	0.407751	0.328631	0.463667
0.48305	0.393707	0.432119	0.498134	0.595595	0.682868	0.68846	0.794986	0.683746	0.676422
0.749778	0.546405	0.561596	0.496598	0.649025	0.455816	0.50092	0.508731	0.643584	0.492912

0.578964	0.437771	0.618092	0.692866	0.647912	0.360209	0.460271	0.349251	0.583611	0.400085
0.470402	0.570358	0.558019	0.684516	0.663766	0.435617	0.521109	0.420723	0.387645	0.396244
0.330027	0.333154	0.447724	0.437225	0.498795	0.564631	0.636952	0.731312	0.732135	0.69125
0.334294	0.29621	0.551829	0.662627	0.503554	0.480006	0.59481	0.519341	0.509689	0.475742
0.626684	0.574021	0.671336	0.386188	0.382533	0.635085	0.6557	0.537048	0.336348	0.497715
0.578964	0.518007	0.457505	0.424703	0.458879	0.503231	0.447525	0.600902	0.537944	0.668001
0.60416	0.433757	0.256846	0.403779	0.606576	0.401595	0.548402	0.51687	0.658505	0.367281
0.429828	0.578645	0.435464	0.648262	0.662614	0.283813	0.415907	0.485957	0.588552	0.471174
0.396419	0.446597	0.395704	0.431248	0.482538	0.43698	0.453143	0.496019	0.555086	0.378758
0.391499	0.311014	0.453286	0.383226	0.371802	0.359066	0.508883	0.434094	0.502292	0.447594
0.497635	0.409791	0.508421	0.305578	0.35961	0.309509	0.483139	0.501535	0.393315	0.3561
0.307784	0.393101	0.390828	0.416977	0.473514	0.434258	0.491552	0.553715	0.338019	0.433482
0.330027	0.477877	0.386007	0.3041	0.351668	0.368293	0.249296	0.426689	0.444394	0.489739
0.423859	0.516393	0.315368	0.393986	0.401658	0.404119	0.23709	0.330132	0.498237	0.474214
0.439281	0.549002	0.379465	0.46128	0.514047	0.425526	0.356567	0.283554	0.351054	0.320424
0.343502	0.387677	0.275956	0.372726	0.411869	0.488379	0.360547	0.498374	0.499854	0.370272
0.433181	0.347656	0.332509	0.455663	0.509981	0.354525	0.289569	0.397645	0.473903	0.462181
0.478543	0.442501	0.473334	0.628086	0.59461	0.367711	0.559096	0.63082	0.43105	0.485806
0.325802	0.416139	0.544862	0.380284	0.329744	0.482274	0.547523	0.482148	0.43943	0.54084
0.349012	0.421932	0.506835	0.294849	0.395396	0.341728	0.457406	0.283074	0.372878	0.505021
0.371776	0.498251	0.421585	0.246573	0.425645	0.237007	0.353747	0.296713	0.43105	0.506661
0.406428	0.444544	0.578066	0.288632	0.32921	0.371804	0.421128	0.445793	0.405532	0.393703
0.405164	0.421932	0.404995	0.265065	0.402921	0.407934	0.369783	0.392062	0.353361	0.391806
0.563247	0.53114	0.411301	0.409386	0.520633	0.444556	0.340457	0.371009	0.28107	0.402664
0.460256	0.50526	0.554471	0.428619	0.384347	0.483032	0.370367	0.443012	0.395858	0.356681
0.40833	0.316063	0.341611	0.364166	0.368868	0.474017	0.469714	0.362866	0.310442	0.411814
0.283754	0.398593	0.387208	0.47419	0.306842	0.362503	0.551938	0.418752	0.268998	0.30985
0.399522	0.586147	0.510012	0.429932	0.39977	0.594979	0.406917	0.339313	0.43313	0.439776
0.424518	0.402913	0.440191	0.540099	0.490978	0.468844	0.524429	0.360567	0.529186	0.450473
0.405164	0.641557	0.654333	0.458462	0.514047	0.418273	0.462432	0.346468	0.229859	0.38929
0.640565	0.796079	0.641194	0.428619	0.554252	0.463005	0.457406	0.373364	0.489445	0.586744
0.585605	0.627808	0.683053	0.476379	0.422325	0.458678	0.466787	0.548383	0.545079	0.500137
0.58465	0.322201	0.426163	0.520226	0.328677	0.454393	0.44405	0.563665	0.452311	0.427277
0.357409	0.391889	0.530418	0.598993	0.516505	0.526928	0.484657	0.5475	0.422151	0.519165
0.444776	0.518816	0.619116	0.444642	0.430336	0.609969	0.471923	0.382914	0.316775	0.575046
0.467479	0.454209	0.447724	0.412533	0.402921	0.496915	0.496992	0.483668	0.351629	0.457753
0.384223	0.60747	0.61707	0.35356	0.361331	0.457245	0.541417	0.371009	0.291978	0.378758
0.448246	0.673894	0.66903	0.459868	0.451743	0.630797	0.633726	0.355438	0.520602	0.644804
0.682687	0.513983	0.383021	0.500448	0.334041	0.388576	0.520284	0.63082	0.546882	0.570263
0.745612	0.566725	0.465347	0.576307	0.444721	0.303945	0.592855	0.6878	0.571975	0.466654
1.006694	0.649145	0.704974	0.707566	0.632617	0.443169	0.763924	0.825658	0.504744	0.372077
0.986981	1.092289	0.930855	0.782147	0.753084	0.592042	0.634798	0.589101	0.608902	0.657409
0.470402	0.60155	0.567017	0.614803	0.463946	0.556464	0.588007	0.570118	0.557856	0.538182
0.416025	0.597648	0.857555	0.601913	0.334581	0.55467	0.780128	0.608951	0.464091	0.549823
0.832523	0.858661	1.026884	1.089796	0.898047	1.05266	0.671771	0.63082	0.642457	0.766547
0.726684	0.799157	0.810501	0.738549	1.00015	0.903819	0.703294	0.682956	0.683746	0.527706
0.825823	0.655756	0.545727	0.560926	0.779364	0.681667	0.630523	0.9003	0.595567	0.485023

0.789183	0.678549	0.675985	0.844054	0.845919	0.695064	0.898434	1.21211	0.861748	0.538182
0.470402	0.717706	0.730704	0.596091	0.426312	0.597936	0.623142	0.689019	0.688725	0.650488
0.621462	0.491353	0.621171	0.739889	0.524801	0.399085	0.608745	0.518516	0.583611	0.588725
1.077744	0.827891	1.303253	1.069259	0.837235	0.508029	1.044672	0.847966	0.58756	0.50584
0.77713	1.014708	0.791797	0.866819	0.71773	0.731155	0.784654	0.661803	0.824257	0.597752
0.712371	0.901445	0.677155	0.825681	0.753084	0.867387	0.401234	0.438187	0.852523	0.677639
1.032664	0.876747	0.540564	0.654833	0.937355	0.524416	0.504088	0.775183	0.729377	0.608007
0.820865	0.929713	0.910335	0.785116	0.805734	0.652674	0.704554	0.884693	0.943577	0.706601
0.45527	0.715153	0.59325	0.525109	0.757355	0.697545	0.744139	0.573849	0.632445	0.643676
0.77713	0.646964	0.586542	0.671709	0.686251	0.473274	0.588972	0.697653	0.559712	0.384302
0.563247	0.62885	0.673654	0.685699	0.898047	0.727142	0.84127	0.869628	0.817469	0.52086
0.582747	0.679721	0.607984	0.45706	0.604559	0.844111	0.527774	0.501535	0.734911	0.803993
0.352351	0.873069	0.606986	0.477111	0.776364	1.041533	0.924841	0.625512	0.691236	0.65509
0.855041	0.959951	0.801048	0.722781	0.886338	0.740667	0.618979	0.728628	0.665568	0.596739
0.667418	0.671585	0.749667	0.559152	0.593628	0.782456	0.741385	0.759103	0.75778	0.900284
0.789183	0.518816	0.430125	0.577229	0.670741	0.691369	0.699538	0.629753	0.558783	0.718481
1.166361	0.834543	0.568839	0.757698	0.505953	0.480761	0.640202	0.715452	0.665568	0.402664
0.597232	0.793022	0.691447	0.513001	0.622012	0.815442	0.87354	0.851502	0.734911	0.548916
0.53512	0.776584	0.678328	0.443963	0.484823	0.651553	0.58036	0.436819	0.617316	0.908497
0.531729	0.785473	0.678328	0.524292	0.722985	0.621301	0.342644	0.426689	0.475433	0.732074
0.610188	0.748204	0.773866	0.572639	0.774872	0.706341	0.56272	0.712864	0.592547	0.662085
0.398899	0.619558	0.474802	0.466255	0.531553	0.747591	0.582259	0.531915	0.568165	0.818912
0.475565	0.60155	0.411301	0.690464	0.635849	0.480006	0.369783	0.449294	0.533543	0.444735
0.548956	0.779527	0.633709	0.660386	0.584884	0.672177	0.610773	0.835812	0.649262	0.471932
0.522538	0.543823	0.573428	0.472736	0.489431	0.640505	0.786173	0.648253	0.578725	0.587733
0.367127	0.422581	0.583698	0.517804	0.371802	0.426858	0.614857	0.378113	0.416763	0.549823
0.589446	0.811694	0.956832	0.555625	0.753084	0.653797	0.719958	0.482148	0.604755	0.588725
0.693582	0.50526	0.63477	0.530049	0.638018	0.57954	0.81447	0.796548	0.800949	0.701423
0.758231	0.59378	0.417056	0.429932	0.560572	0.532847	0.45456	0.498374	0.37897	0.445448
0.713652	0.757927	0.479979	0.613797	0.61474	0.543185	0.284266	0.450703	0.643584	0.579882
0.629848	0.624696	0.881265	1.010394	0.943901	0.987375	0.79385	0.867781	0.665568	0.465158
0.492976	0.473477	0.667881	0.546071	0.557852	0.600913	0.74276	0.79188	0.640212	0.427277
0.44616	0.518007	0.48147	0.489753	0.489431	0.627608	0.755334	0.567341	0.672748	0.629273
0.455979	0.695248	0.692659	0.79567	0.683828	0.783971	0.882946	0.616119	0.796113	0.729322
0.417321	0.618538	0.626351	0.66601	0.628344	0.506424	0.651215	0.520168	0.594558	0.602849
0.441333	0.545542	0.517248	0.40564	0.592647	0.652674	0.438547	0.561839	0.615197	0.441894
0.444085	0.509996	0.649909	0.540099	0.413162	0.391026	0.50808	0.646035	0.569114	0.526844
0.446854	0.475672	0.504467	0.61581	0.365373	0.399711	0.538826	0.543114	0.467839	0.592714
0.235488	0.372378	0.447724	0.46554	0.336749	0.397212	0.53625	0.626569	0.467087	0.465906
0.23251	0.60747	0.591323	0.485249	0.398516	0.628669	0.476375	0.483668	0.524873	0.615332
0.490665	0.518816	0.384811	0.563601	0.524801	0.441096	0.511301	0.615088	0.540606	0.628184
0.467479	0.468399	0.456094	0.36871	0.508366	0.374161	0.508883	0.383518	0.370465	0.357263
0.293402	0.27862	0.384213	0.267319	0.548023	0.397835	0.560905	0.411602	0.388271	0.498521
0.280427	0.406651	0.360408	0.284379	0.392916	0.516145	0.660231	0.552822	0.486292	0.509961
0.416025	0.360403	0.315368	0.402543	0.505152	0.309	0.396245	0.5862	0.324282	0.4138
0.289517	0.369497	0.406877	0.503552	0.368284	0.385533	0.375657	0.486723	0.311491	0.361949
0.542848	0.388876	0.406877	0.421468	0.453871	0.489148	0.360547	0.328531	0.47928	0.534662

0.361955	0.384098	0.368967	0.301646	0.283162	0.391026	0.381013	0.492121	0.438022	0.341251
0.383022	0.500575	0.466067	0.307062	0.276492	0.415015	0.355437	0.345359	0.326451	0.425911
0.442707	0.466959	0.395091	0.406262	0.424979	0.519435	0.406282	0.294739	0.405532	0.481132
0.444085	0.46624	0.280632	0.359669	0.436443	0.335198	0.279974	0.265684	0.43313	0.441894
0.369445	0.387677	0.400634	0.387975	0.408652	0.352272	0.320734	0.352053	0.416763	0.368475
0.31439	0.34385	0.525432	0.443284	0.449624	0.335198	0.395007	0.322188	0.303168	0.388038
0.441333	0.370072	0.269951	0.302626	0.341116	0.356223	0.431764	0.505518	0.489445	0.4138
0.227452	0.294757	0.3357	0.266416	0.197198	0.24527	0.348715	0.441628	0.393949	0.4138
0.290485	0.359841	0.437484	0.385001	0.238489	0.358496	0.327033	0.358851	0.291978	0.391176
0.365396	0.36835	0.363811	0.424703	0.268993	0.320856	0.309417	0.356573	0.421474	0.462923
0.310313	0.391285	0.208456	0.270496	0.39977	0.335739	0.26966	0.26019	0.360945	0.345199
0.370609	0.280488	0.308796	0.458462	0.446816	0.36946	0.46171	0.390832	0.425552	0.337339
0.378252	0.365495	0.269492	0.448056	0.49253	0.383114	0.539688	0.420065	0.458161	0.35843
0.142117	0.203116	0.31741	0.439235	0.498007	0.371217	0.386435	0.358851	0.400346	0.368475
0.230395	0.200384	0.45892	0.355772	0.363059	0.273852	0.394389	0.339859	0.284511	0.369672
0.523366	0.441144	0.446345	0.511412	0.453161	0.429534	0.506479	0.392679	0.47086	0.525984
0.509507	0.521253	0.428139	0.272321	0.306335	0.385533	0.514546	0.489799	0.451586	0.495307
0.300286	0.517199	0.317922	0.269586	0.349425	0.432227	0.366876	0.342051	0.461858	0.52171
0.431837	0.47202	0.321007	0.35356	0.398516	0.452266	0.324397	0.399522	0.47086	0.355519
0.395183	0.379372	0.401254	0.385001	0.406096	0.483032	0.400608	0.373364	0.438022	0.270911
0.395801	0.316571	0.319462	0.395805	0.329744	0.320856	0.320734	0.302191	0.328631	0.294457
0.440648	0.23605	0.324114	0.342669	0.39977	0.199474	0.363988	0.339859	0.390156	0.314576
0.521712	0.350946	0.521321	0.515396	0.534969	0.430206	0.471186	0.364598	0.393315	0.433482
0.349012	0.447284	0.478493	0.40316	0.41772	0.424862	0.42975	0.390832	0.43105	0.488162
0.359676	0.499024	0.51161	0.474918	0.593628	0.589125	0.383414	0.318531	0.416763	0.516636
0.487603	0.537858	0.373601	0.409386	0.659177	0.521918	0.390088	0.614059	0.576785	0.45702
0.26921	0.536169	0.386007	0.35356	0.429663	0.535409	0.372123	0.478373	0.380815	0.414464
0.362527	0.462667	0.359844	0.400695	0.470548	0.469579	0.407553	0.488258	0.331921	0.378758
0.53427	0.440467	0.346508	0.546071	0.476501	0.310528	0.422444	0.572913	0.505564	0.402664
0.482295	0.533647	0.513213	0.482272	0.529855	0.482274	0.477869	0.631889	0.669143	0.518321
0.331622	0.291385	0.493583	0.35136	0.39977	0.496132	0.496211	0.434774	0.438726	0.484242
0.410241	0.441144	0.354237	0.228423	0.242406	0.489918	0.569136	0.373364	0.41343	0.523415
0.523366	0.599595	0.483715	0.386188	0.511603	0.584306	0.450325	0.377517	0.428292	0.415795
0.453151	0.405402	0.48147	0.597056	0.554252	0.510448	0.486179	0.415487	0.43732	0.546207
0.538538	0.440467	0.342695	0.418256	0.549794	0.500062	0.420472	0.441628	0.515531	0.430024
0.660547	0.575865	0.404369	0.558267	0.577258	0.621301	0.443358	0.583318	0.385149	0.225608
0.473345	0.53114	0.548332	0.611794	0.699821	0.676896	0.607735	0.596933	0.50721	0.355519
0.458112	0.458417	0.462479	0.502774	0.387999	0.538848	0.620016	0.430039	0.354519	0.299528
0.354592	0.504475	0.534616	0.355772	0.336206	0.529455	0.53284	0.503124	0.582629	0.589719
0.51031	0.566725	0.658802	0.477111	0.583924	0.609969	0.564544	0.517692	0.549599	0.543516
0.367705	0.28472	0.538856	0.47858	0.377134	0.412427	0.456692	0.428026	0.455958	0.489739
0.4992	0.464093	0.326198	0.391571	0.539277	0.414367	0.310434	0.452116	0.457426	0.478043
0.627737	0.590902	0.420935	0.61682	0.586812	0.616113	0.561812	0.760541	0.702719	0.49053
0.468208	0.468399	0.645529	0.571726	0.566063	0.572954	0.620016	0.538773	0.480053	0.477275
0.448246	0.394924	0.604006	0.624984	0.511603	0.486844	0.61281	0.438873	0.40358	0.496911
0.513537	0.495939	0.468234	0.36814	0.520633	0.475507	0.563631	0.41679	0.580673	0.385544
0.442707	0.54211	0.60203	0.495068	0.523964	0.539712	0.721266	0.681753	0.603724	0.581831

0.474824	0.311014	0.353681	0.386188	0.42765	0.464458	0.563631	0.597922	0.396497	0.457753
0.503135	0.366064	0.251538	0.392777	0.573494	0.441096	0.33075	0.512781	0.422151	0.266634
0.545455	0.614481	0.60203	0.562707	0.590694	0.587191	0.510494	0.719363	0.458161	0.388664
0.398899	0.479354	0.442915	0.417616	0.478003	0.440407	0.482382	0.432738	0.464091	0.586744
0.326328	0.422581	0.514823	0.328386	0.534112	0.628669	0.566375	0.341502	0.248987	0.514121
0.549835	0.544682	0.529583	0.393381	0.728305	0.568311	0.452437	0.420065	0.529186	0.498521
0.508705	0.6341	0.661054	0.509039	0.484823	0.515327	0.553717	0.510347	0.520602	0.596739
0.564156	0.489078	0.384811	0.424703	0.476501	0.460836	0.399357	0.412893	0.454496	0.463667
0.53427	0.394315	0.350908	0.580936	0.556048	0.43698	0.33075	0.462864	0.428292	0.379984
0.458112	0.487568	0.463194	0.44058	0.380726	0.505624	0.504088	0.516049	0.508035	0.517477
0.407695	0.447284	0.451889	0.432569	0.412515	0.407296	0.592855	0.232009	0.339137	0.571215
0.628791	0.630943	0.508421	0.338921	0.50756	0.561892	0.576586	0.396398	0.369864	0.493709
0.576149	0.546405	0.622202	0.504332	0.6936	0.607941	0.559096	0.40839	0.579697	0.57217
0.310821	0.43044	0.408136	0.464827	0.465404	0.453683	0.479368	0.424691	0.402931	0.474214
0.45954	0.464093	0.389014	0.513001	0.472028	0.436298	0.292489	0.449998	0.358012	0.52427
0.386031	0.486814	0.377697	0.643936	0.584884	0.446645	0.379817	0.442319	0.383906	0.35843
0.320058	0.46624	0.490523	0.387378	0.505953	0.605921	0.620016	0.524327	0.455958	0.383683
0.435204	0.623664	0.564298	0.363037	0.48789	0.635085	0.522766	0.500742	0.472379	0.434872
0.718818	0.621606	0.288221	0.552998	0.720349	0.665193	0.406917	0.533619	0.637979	0.459962
0.631971	0.814885	0.623235	0.499675	0.385561	0.536266	0.474143	0.53533	0.564388	0.386789
0.340774	0.522885	0.478493	0.45706	0.419031	0.476253	0.361691	0.449294	0.422151	0.298509
0.602169	0.512384	0.413849	0.483758	0.445419	0.264114	0.400608	0.514412	0.448695	0.253134
0.681494	0.626768	0.513213	0.587502	0.662614	0.556464	0.585123	0.638361	0.711864	0.576009
0.529203	0.360966	0.510012	0.431248	0.547141	0.667508	0.601721	0.482148	0.524015	0.581831
0.556042	0.589947	0.577135	0.444642	0.506756	0.50964	0.45598	0.392679	0.464838	0.462923
0.657152	0.635157	0.46034	0.464115	0.605566	0.571091	0.630523	0.560021	0.669143	0.485023
0.452447	0.577716	0.626351	0.612795	0.554252	0.653797	0.577526	0.550153	0.655016	0.850381
0.585605	0.620581	0.527918	0.574469	0.505152	0.531996	0.478618	0.574787	0.54239	0.562718
0.577085	0.405402	0.471141	0.686885	0.565143	0.444556	0.453851	0.685371	0.618379	0.507484
0.44616	0.497479	0.522961	0.530049	0.603553	0.640505	0.541417	0.543988	0.569114	0.622783
0.392724	0.525345	0.575277	0.423406	0.468336	0.586227	0.516178	0.473885	0.545079	0.52171
0.593321	0.613472	0.536307	0.431248	0.612685	0.590095	0.558195	0.438873	0.570066	0.548916
0.621462	0.717706	0.592285	0.467687	0.247241	0.578593	0.752508	0.583318	0.477737	0.527706
0.527527	0.708834	0.523783	0.450117	0.416413	0.502437	0.483897	0.491346	0.415427	0.522562
0.5992	0.597648	0.424195	0.501222	0.598562	0.411782	0.439916	0.591046	0.570066	0.421836
0.679116	0.720275	0.693875	0.638588	0.630475	0.665193	0.680036	0.608951	0.624815	0.530301
0.452447	0.61752	0.591323	0.360228	0.411223	0.50964	0.549284	0.375139	0.490237	0.52427
0.478543	0.556004	0.465347	0.317086	0.585847	0.453683	0.446131	0.33335	0.436619	0.522562
0.709818	0.6045	0.627395	0.51062	0.763116	0.622346	0.526098	0.530217	0.698857	0.556223
0.511921	0.423881	0.472601	0.454966	0.447516	0.481517	0.474143	0.393297	0.40423	0.640309
0.428495	0.427804	0.330395	0.42731	0.505152	0.394727	0.315553	0.497587	0.388271	0.402018
0.492205	0.385288	0.34487	0.472736	0.517328	0.432227	0.405014	0.571048	0.47928	0.34069
0.350678	0.502131	0.647713	0.335733	0.529009	0.380109	0.577526	0.50392	0.390156	0.599783
0.414089	0.513983	0.562494	0.428619	0.565143	0.527769	0.563631	0.434774	0.369264	0.560853
0.553371	0.540404	0.381833	0.375037	0.549794	0.401595	0.419817	0.352615	0.527456	0.543516
0.4953	0.399208	0.496665	0.651535	0.596582	0.517787	0.581308	0.353742	0.436619	0.613226
0.41088	0.554243	0.391435	0.486745	0.478755	0.470316	0.440602	0.410958	0.478508	0.529435

0.718818	0.59862	0.370699	0.501997	0.558757	0.567388	0.376842	0.530217	0.650407	0.364903
0.48004	0.656868	0.578066	0.534208	0.476501	0.68528	0.608745	0.591046	0.564388	0.50584
0.423859	0.506046	0.588448	0.702611	0.605566	0.593019	0.551051	0.33335	0.360357	0.384923
0.433854	0.696465	0.672493	0.46128	0.608603	0.512068	0.559096	0.41354	0.513854	0.677639
0.528364	0.605488	0.492816	0.47419	0.587779	0.60191	0.707083	0.591046	0.707921	0.615332
0.395801	0.427148	0.563395	0.497365	0.346637	0.365968	0.51211	0.450703	0.560643	0.603876
0.48004	0.522885	0.450496	0.439235	0.612685	0.486079	0.34816	0.598913	0.527456	0.539066
0.734695	0.594744	0.392042	0.688075	0.58972	0.51861	0.526098	0.6878	0.590545	0.535539
0.521712	0.71135	0.734698	0.608806	0.403554	0.542314	0.549284	0.527683	0.470103	0.439072
0.481542	0.497479	0.620142	0.45776	0.398516	0.535409	0.510494	0.407112	0.333024	0.624935
0.48532	0.58238	0.591323	0.535045	0.556949	0.567388	0.57006	0.442319	0.559712	0.60697
0.550717	0.555123	0.585592	0.525109	0.355621	0.413719	0.489241	0.525164	0.541497	0.471932
0.402647	0.346565	0.448415	0.46128	0.416413	0.420239	0.423103	0.443012	0.40358	0.548916
0.452447	0.465523	0.469685	0.35356	0.582965	0.544933	0.510494	0.470918	0.553249	0.568365
0.701	0.610461	0.679504	0.580936	0.545381	0.570162	0.624189	0.576668	0.392048	0.468156
0.542848	0.556004	0.647713	0.617832	0.453161	0.519435	0.528614	0.522659	0.320512	0.367281
0.443395	0.517199	0.575277	0.468404	0.352793	0.575765	0.534542	0.418097	0.400991	0.458488
0.443395	0.680896	0.572506	0.727974	0.478003	0.660599	0.566375	0.584277	0.470103	0.477275
0.390278	0.368923	0.518873	0.505895	0.338927	0.418927	0.488474	0.455669	0.365085	0.471932
0.347904	0.394315	0.465347	0.444642	0.475753	0.440407	0.355437	0.403934	0.571019	0.473452
0.513537	0.609462	0.539709	0.489753	0.741896	0.624443	0.358268	0.627627	0.524873	0.485806
0.598215	0.455607	0.587494	0.668281	0.564225	0.461558	0.56	0.513596	0.440136	0.500137
0.438599	0.364926	0.49205	0.45776	0.274135	0.347246	0.438547	0.268457	0.375914	0.513285
0.361955	0.549002	0.532932	0.556504	0.42832	0.596948	0.496992	0.354307	0.326451	0.325267
0.553371	0.546405	0.551829	0.617832	0.514865	0.433358	0.486179	0.521827	0.28107	0.305692
0.450341	0.460537	0.449802	0.487495	0.585847	0.397212	0.394389	0.369251	0.395858	0.45702
0.370609	0.492114	0.520503	0.396413	0.470548	0.392873	0.564544	0.345913	0.658505	0.479585
0.497635	0.703844	0.597131	0.539253	0.530703	0.512068	0.708354	0.566419	0.483162	0.554384
0.55426	0.492114	0.489761	0.535883	0.509981	0.395968	0.54577	0.517692	0.229859	0.361949
0.640565	0.413588	0.512411	0.628086	0.448921	0.538848	0.548402	0.454245	0.203681	0.486589
0.590412	0.53114	0.666736	0.589396	0.632617	0.585266	0.635874	0.566419	0.490237	0.472691
0.649333	0.492876	0.415129	0.38917	0.489431	0.399711	0.405648	0.369251	0.365679	0.458488
0.525858	0.495939	0.468959	0.333095	0.357326	0.450854	0.520284	0.319573	0.389527	0.516636
0.444776	0.547269	0.477013	0.406262	0.464674	0.6471	0.640202	0.649366	0.867378	0.629273
0.480791	0.59571	0.451889	0.642861	0.573494	0.4977	0.633726	0.5862	0.541497	0.476508
0.545455	0.508412	0.419638	0.571726	0.564225	0.440407	0.473402	0.461416	0.318907	0.384923
0.608169	0.433757	0.483715	0.517	0.523129	0.486844	0.585123	0.452116	0.370465	0.533786
0.738757	0.697687	0.681867	0.62705	0.704863	0.553776	0.494652	0.64273	0.637979	0.466654
0.486841	0.613472	0.587494	0.375037	0.386778	0.460836	0.397487	0.46359	0.499854	0.471174
0.433181	0.537858	0.554471	0.365865	0.306842	0.68528	0.598746	0.282116	0.416095	0.623858
0.55963	0.657982	0.570669	0.530877	0.542754	0.596948	0.554609	0.452824	0.491031	0.534662
0.640565	0.456308	0.419638	0.636467	0.670741	0.492238	0.414611	0.494455	0.658505	0.50584
0.737399	0.464093	0.529583	0.61581	0.545381	0.348915	0.583212	0.580456	0.664383	0.689994
0.685085	0.698911	0.720228	0.814382	0.728305	0.60291	0.819371	0.619228	0.580673	0.719822
0.489898	0.485312	0.581813	0.464827	0.467601	0.51861	0.564544	0.528526	0.608902	0.589719
0.388453	0.473477	0.60203	0.451497	0.439873	0.426192	0.575648	0.398896	0.226391	0.529435
0.603164	0.611462	0.763738	0.767599	0.721665	0.525252	0.513732	0.585237	0.419449	0.726586

0.37412	0.544682	0.514823	0.64935	0.694837	0.536266	0.44405	0.641633	0.639094	0.457753
0.565979	0.56402	0.464628	0.437894	0.543628	0.31463	0.415907	0.682956	0.667948	0.392437
0.649333	0.549871	0.458212	0.474918	0.523964	0.469579	0.608745	0.654975	0.590545	0.517477
0.583697	0.556888	0.4288	0.498134	0.459599	0.435617	0.445436	0.432062	0.55693	0.54173
0.414089	0.426492	0.604006	0.607815	0.459599	0.435617	0.45456	0.434094	0.430359	0.441187
0.580851	0.540404	0.697543	0.684516	0.578204	0.567388	0.567293	0.620269	0.414094	0.681309
0.522538	0.697687	0.532932	0.503552	0.445419	0.498486	0.577526	0.664103	0.799331	0.642551
0.666265	0.603514	0.393869	0.429932	0.6569	0.610987	0.459553	0.665258	0.822551	0.663262
0.674399	0.486063	0.600064	0.560926	0.569762	0.492238	0.625238	0.63082	0.436619	0.623858
0.623543	0.757927	0.689032	0.677483	0.823692	0.692597	0.730539	0.612009	0.397776	0.437667
0.448246	0.429779	0.530418	0.451497	0.537549	0.519435	0.541417	0.497587	0.426235	0.349184
0.48004	0.441822	0.691447	0.592253	0.634769	0.641598	0.550167	0.503124	0.452311	0.617448
0.728009	0.68444	0.575277	0.697711	0.681419	0.60291	0.527774	0.503124	0.556007	0.605936
0.515974	0.437099	0.400634	0.464115	0.587779	0.556464	0.438547	0.526002	0.61099	0.471932
0.486841	0.50526	0.384811	0.601913	0.517328	0.402855	0.561812	0.603903	0.555086	0.388038
0.571497	0.688013	0.45892	0.637526	0.599556	0.564631	0.569136	0.499951	0.606823	0.45337
0.531729	0.3718	0.428139	0.433231	0.398516	0.441786	0.402491	0.467972	0.35568	0.402018
0.513537	0.398593	0.689032	0.596091	0.453871	0.43358	0.409466	0.553715	0.41343	0.53117
0.691137	0.631992	0.595186	0.648262	0.529855	0.510448	0.285225	0.505518	0.518905	0.682539
0.384223	0.589947	0.498214	0.575387	0.552463	0.600913	0.349271	0.376921	0.451586	0.467404
0.442707	0.613472	0.432786	0.589396	0.529855	0.485315	0.54577	0.51687	0.597592	0.400728
0.564156	0.725458	0.567927	0.78067	0.646801	0.442477	0.433112	0.560929	0.656176	0.552554
0.387846	0.536169	0.547462	0.497365	0.577258	0.526089	0.374476	0.448592	0.561576	0.351477
0.567811	0.393707	0.589404	0.592253	0.467601	0.345583	0.677658	0.671077	0.47086	0.322032
0.667418	0.450732	0.65768	0.582802	0.642387	0.578593	0.79696	0.739464	0.604755	0.500137
0.519243	0.680896	0.594217	0.413165	0.468336	0.483792	0.368037	0.433416	0.440136	0.556223
0.674399	0.624696	0.470412	0.451497	0.610639	0.550217	0.469714	0.44789	0.495019	0.454826
0.479291	0.596678	0.512411	0.581868	0.588749	0.407934	0.47563	0.532766	0.483942	0.35843
0.432508	0.486063	0.498214	0.509829	0.547141	0.43358	0.483897	0.472399	0.504744	0.34069
0.374708	0.316571	0.484466	0.516197	0.351668	0.475507	0.579413	0.540504	0.332472	0.318821
0.478543	0.486814	0.687829	0.456361	0.566985	0.540578	0.58036	0.568265	0.345338	0.504203
0.484562	0.549871	0.451889	0.42731	0.755927	0.528611	0.469714	0.5475	0.576785	0.797523
0.729338	0.561331	0.424195	0.527572	0.469072	0.38191	0.303367	0.508731	0.510519	0.432095
0.452447	0.552489	0.405621	0.571726	0.442637	0.409213	0.466787	0.566419	0.441551	0.456287
0.339145	0.62885	0.54142	0.402543	0.535827	0.531148	0.485417	0.482148	0.468592	0.623858
0.335367	0.401675	0.479236	0.461987	0.472771	0.29746	0.358268	0.589101	0.505564	0.372077
0.501557	0.477877	0.561596	0.630166	0.479509	0.377125	0.622097	0.525164	0.429669	0.323108
0.45954	0.452815	0.504467	0.431248	0.419687	0.615083	0.474886	0.470918	0.518059	0.454098
0.431837	0.557773	0.40312	0.386783	0.378328	0.614056	0.422444	0.461416	0.445823	0.487375
0.568729	0.606478	0.479979	0.491265	0.544504	0.531996	0.438547	0.637275	0.554167	0.532912
0.467479	0.550742	0.563395	0.350812	0.340568	0.471792	0.51211	0.452824	0.524873	0.474214
0.489898	0.541256	0.486728	0.548656	0.474259	0.367711	0.342644	0.464317	0.50721	0.261464
0.438599	0.380549	0.477752	0.456361	0.480264	0.567388	0.519459	0.457815	0.473903	0.491323
0.519243	0.518816	0.406249	0.481531	0.48406	0.619218	0.642382	0.323239	0.55142	0.589719
0.424518	0.468399	0.463194	0.323213	0.417066	0.520261	0.48012	0.440248	0.552334	0.633654
0.640565	0.680896	0.599084	0.494304	0.740518	0.636164	0.412675	0.392679	0.509689	0.474214
0.576149	0.525345	0.498991	0.492023	0.439873	0.415015	0.635874	0.469443	0.400346	0.427277

0.646024	0.497479	0.28536	0.409386	0.591669	0.409854	0.430421	0.592021	0.518059	0.432095
0.677932	0.624696	0.456094	0.561816	0.600552	0.496132	0.596773	0.63082	0.538829	0.505021
0.452447	0.633045	0.55891	0.492782	0.481021	0.564631	0.6557	0.574787	0.530054	0.483462
0.439281	0.49364	0.583698	0.424703	0.420345	0.563716	0.547523	0.298697	0.570066	0.483462
0.618358	0.552489	0.440191	0.382046	0.663766	0.636164	0.477869	0.288867	0.613088	0.501759
0.437238	0.408532	0.442233	0.500448	0.481021	0.521918	0.665963	0.561839	0.482383	0.555303
0.45954	0.475672	0.417056	0.479316	0.496435	0.464458	0.50568	0.553715	0.455958	0.496108
0.511115	0.509203	0.335167	0.544356	0.642387	0.529455	0.419817	0.64273	0.660847	0.454826
0.473345	0.508412	0.532092	0.505895	0.495651	0.534553	0.529456	0.51523	0.415427	0.603876
0.405795	0.522068	0.65101	0.515396	0.458879	0.395968	0.524429	0.438187	0.292984	0.530301
0.486841	0.656868	0.665594	0.426005	0.442637	0.617146	0.362264	0.383518	0.480053	0.619574
0.486841	0.486814	0.560699	0.553872	0.569762	0.442477	0.46171	0.51523	0.356845	0.367878
0.593321	0.561331	0.523783	0.526749	0.659177	0.500852	0.59481	0.562751	0.446539	0.334013
0.711092	0.50526	0.40312	0.591298	0.66492	0.637245	0.471923	0.529371	0.571019	0.374494
0.474824	0.394315	0.339452	0.47858	0.463218	0.731155	0.687247	0.485957	0.470103	0.489739
0.376476	0.346021	0.572506	0.573553	0.484823	0.571091	0.514546	0.411602	0.397776	0.519165
0.441333	0.514785	0.489761	0.417616	0.458879	0.630797	0.496992	0.449998	0.511351	0.666812
0.374708	0.392495	0.42682	0.455663	0.493308	0.553776	0.583212	0.635113	0.58756	0.617448
0.507905	0.459123	0.377697	0.32065	0.409936	0.498486	0.569136	0.554611	0.518905	0.415129
0.556042	0.54211	0.424195	0.398855	0.453161	0.342826	0.292489	0.451409	0.509689	0.459224
0.530044	0.377028	0.476274	0.319629	0.476501	0.411782	0.551938	0.565499	0.42898	0.366686
0.287106	0.376444	0.497439	0.409386	0.460321	0.397212	0.46171	0.573849	0.42487	0.506661
0.342955	0.6341	0.518873	0.508251	0.426312	0.485315	0.485417	0.346468	0.305234	0.556223
0.299296	0.468399	0.532092	0.652631	0.565143	0.659458	0.629461	0.532766	0.450138	0.616388
0.399522	0.491353	0.581813	0.505113	0.48789	0.480006	0.354873	0.465776	0.495821	0.380598
0.570572	0.509996	0.435464	0.345366	0.480264	0.432903	0.310943	0.34981	0.536178	0.502572
0.628791	0.3576	0.447724	0.509039	0.628344	0.481517	0.423763	0.499162	0.360357	0.458488
0.496077	0.303549	0.373601	0.575387	0.368868	0.353961	0.517815	0.643829	0.42487	0.474977
0.375296	0.444544	0.47187	0.407509	0.240661	0.340087	0.482382	0.50392	0.30783	0.447594
0.538538	0.562226	0.607984	0.466255	0.433718	0.499273	0.491552	0.482907	0.363306	0.228197
0.402647	0.471293	0.44087	0.499675	0.402289	0.403487	0.425086	0.490572	0.375305	0.394972
0.361384	0.629895	0.51806	0.559152	0.504352	0.583349	0.463155	0.358851	0.365679	0.612177
0.361955	0.521253	0.581813	0.595128	0.450329	0.466645	0.468981	0.502328	0.63465	0.439072
0.321097	0.383505	0.469685	0.482272	0.468336	0.457961	0.49001	0.578558	0.518905	0.246764
0.508705	0.460537	0.72938	0.628086	0.429663	0.442477	0.596773	0.585237	0.427606	0.435569
0.491434	0.357042	0.59325	0.570816	0.548908	0.475507	0.41851	0.521827	0.390156	0.474214
0.46313	0.378785	0.357031	0.383226	0.514047	0.371217	0.311453	0.55821	0.389527	0.429336
0.571497	0.579576	0.591323	0.523475	0.354487	0.413072	0.537107	0.500742	0.401637	0.494507
0.513537	0.779527	0.734698	0.652631	0.535827	0.632936	0.590909	0.597922	0.706615	0.664442
0.486841	0.496708	0.391435	0.66601	0.606576	0.216395	0.393772	0.750578	0.777291	0.642551
0.589446	0.508412	0.391435	0.650441	0.618881	0.303443	0.325449	0.556406	0.567217	0.292948
0.586562	0.358159	0.543138	0.436556	0.553357	0.382512	0.607735	0.527683	0.519752	0.356681
0.514348	0.480094	0.462479	0.516197	0.641291	0.429534	0.3907	0.548383	0.732135	0.574085
0.460256	0.461246	0.493583	0.448056	0.489431	0.371804	0.346498	0.465776	0.393949	0.466654
0.263253	0.411053	0.641194	0.521036	0.326019	0.401595	0.467517	0.385335	0.347615	0.602849
0.492976	0.624696	0.45539	0.580006	0.478755	0.569235	0.540551	0.520168	0.642457	0.659741
0.435204	0.457713	0.389618	0.513798	0.514047	0.426192	0.398733	0.47018	0.512183	0.310373

0.515974	0.304043	0.360408	0.653731	0.588749	0.471053	0.463879	0.473885	0.583611	0.295467
0.470402	0.534486	0.776803	0.785116	0.529855	0.39846	0.609757	0.505518	0.696302	0.602849
0.476308	0.444544	0.552708	0.471287	0.50756	0.414367	0.438547	0.472399	0.466336	0.451195
0.503926	0.394315	0.477013	0.46128	0.401658	0.402855	0.440602	0.521827	0.369264	0.54173
0.598215	0.423881	0.52875	0.44193	0.42365	0.49069	0.369783	0.430039	0.378357	0.450473
0.790713	0.763583	0.715084	0.705081	0.430336	0.390412	0.396866	0.393915	0.461116	0.370272
0.578964	0.688013	0.52875	0.560038	0.394775	0.636164	0.426414	0.549267	0.728005	0.41713
0.541119	0.555123	0.439513	0.679815	0.58972	0.409854	0.42975	0.632961	0.523159	0.336783
0.530886	0.740039	0.483715	0.495832	0.574432	0.499273	0.356567	0.443705	0.467087	0.533786
0.421887	0.518007	0.566108	0.491265	0.471287	0.49069	0.446131	0.405202	0.475433	0.425229
0.523366	0.367206	0.613009	0.533373	0.388611	0.503231	0.6557	0.610987	0.43943	0.556223
0.624588	0.579576	0.610992	0.540099	0.577258	0.523582	0.588972	0.64054	0.705312	0.614278
0.423201	0.672738	0.438159	0.583738	0.553357	0.397835	0.391926	0.496802	0.583611	0.35494
0.431166	0.506833	0.379465	0.626016	0.681419	0.480006	0.289084	0.359422	0.525732	0.484242
0.653784	0.536169	0.482965	0.812791	0.598562	0.422214	0.414611	0.543988	0.28798	0.232546
0.643832	0.803816	0.756645	0.555625	0.519805	0.477751	0.413319	0.427357	0.599626	0.534662
0.458112	0.522068	0.746907	0.468404	0.392916	0.431552	0.460271	0.399522	0.317307	0.279592
0.438599	0.409791	0.59325	0.584676	0.469072	0.448044	0.544023	0.529371	0.231603	0.337896
0.615276	0.474207	0.463194	0.568096	0.555149	0.485315	0.500131	0.521827	0.418776	0.46144
0.398899	0.538705	0.413211	0.559152	0.496435	0.550217	0.372123	0.33605	0.375305	0.357263
0.423201	0.615491	0.397546	0.536723	0.473514	0.434937	0.422444	0.488258	0.377745	0.315634
0.55515	0.535326	0.45539	0.580936	0.569762	0.575765	0.488474	0.496802	0.633546	0.500947
0.505514	0.401056	0.516438	0.42018	0.434398	0.278567	0.343192	0.405202	0.496625	0.469662
0.412161	0.459123	0.472601	0.437225	0.411223	0.290583	0.380414	0.337679	0.386395	0.35494
0.372361	0.305032	0.509216	0.511412	0.452451	0.50964	0.638032	0.473885	0.456691	0.486589
0.410241	0.309511	0.33304	0.405019	0.468336	0.555566	0.451732	0.416138	0.492622	0.440481
0.473345	0.402294	0.343781	0.402543	0.519805	0.650436	0.458836	0.421382	0.480828	0.514121
0.568729	0.572186	0.413849	0.449429	0.504352	0.328765	0.329685	0.502328	0.391416	0.359015
0.746996	0.597648	0.450496	0.611794	0.599556	0.608954	0.441978	0.55821	0.536178	0.476508
0.491434	0.470568	0.339452	0.433894	0.382533	0.311039	0.383414	0.382311	0.326995	0.22863
0.467479	0.365495	0.409399	0.356326	0.395396	0.171177	0.375066	0.528526	0.320512	0.277163
0.407061	0.374697	0.514823	0.364166	0.431011	0.342826	0.548402	0.577612	0.420797	0.393703
0.395183	0.409791	0.438835	0.346993	0.372392	0.45015	0.37271	0.378113	0.361534	0.410495
0.31954	0.342768	0.423541	0.362474	0.436443	0.544058	0.385224	0.371009	0.354519	0.393703
0.415379	0.340076	0.410666	0.408134	0.501962	0.380709	0.366876	0.588132	0.418104	0.407215
0.55873	0.586147	0.561596	0.569001	0.603553	0.600913	0.49078	0.546619	0.572933	0.466654
0.412802	0.546405	0.422888	0.431248	0.307857	0.357358	0.401862	0.476871	0.449416	0.33236
0.424518	0.321172	0.404369	0.376779	0.333502	0.24924	0.431764	0.480634	0.377745	0.304658
0.499984	0.416778	0.501329	0.372726	0.489431	0.338996	0.469714	0.474629	0.557856	0.388664
0.417321	0.479354	0.436136	0.342669	0.347193	0.407296	0.40819	0.222729	0.394585	0.362538
0.328438	0.427804	0.514017	0.33152	0.299801	0.381309	0.306382	0.368083	0.319976	0.391176
0.364821	0.396754	0.303808	0.413165	0.500376	0.531996	0.518636	0.674607	0.563448	0.536418
0.444085	0.469121	0.430125	0.395805	0.396641	0.495351	0.412031	0.496019	0.401637	0.439072
0.325802	0.346021	0.353681	0.390369	0.32921	0.269188	0.335576	0.401407	0.316244	0.269957
0.414733	0.339004	0.273174	0.406262	0.342765	0.337907	0.401862	0.426022	0.321049	0.288947
0.391499	0.407277	0.404369	0.471287	0.429663	0.422214	0.443358	0.567341	0.527456	0.360186
0.400145	0.506833	0.441551	0.307558	0.299302	0.260461	0.472662	0.356573	0.386395	0.454826

0.316957	0.401056	0.442233	0.371575	0.327612	0.400338	0.419817	0.390832	0.333024	0.408524
0.369445	0.260373	0.278756	0.338921	0.409936	0.289123	0.228999	0.449998	0.502292	0.479585
0.35628	0.384693	0.405621	0.346993	0.343316	0.324529	0.293956	0.312844	0.43313	0.435569
0.297322	0.315556	0.280632	0.280167	0.301801	0.349473	0.290054	0.185938	0.276201	0.277163
0.287588	0.311014	0.199393	0.277845	0.282203	0.29746	0.298389	0.340954	0.316244	0.308286
0.443395	0.457713	0.347056	0.39097	0.288962	0.348915	0.263678	0.295725	0.323742	0.444023
0.410241	0.362094	0.470412	0.426005	0.201154	0.211493	0.341549	0.294246	0.214467	0.286961
0.466751	0.416139	0.426163	0.429932	0.328144	0.271047	0.333425	0.267994	0.296014	0.251762
0.608169	0.589947	0.428139	0.452189	0.409293	0.367129	0.316585	0.23329	0.286986	0.280567
0.683885	0.54211	0.384213	0.366432	0.425645	0.402855	0.396866	0.299195	0.296014	0.17837
0.626684	0.630943	0.483715	0.241005	0.605566	0.57954	0.373887	0.464317	0.324282	0.370272
0.920131	0.971281	1.013971	0.830615	0.715126	0.681667	0.660231	0.591046	0.446539	0.480358
0.858611	0.635157	0.886926	0.896582	0.552463	0.676896	0.84474	0.624458	0.505564	0.69125
0.728009	0.572186	0.932962	0.865025	0.596582	0.702549	0.77863	0.658376	0.739108	0.949782
0.913979	0.905372	1.350289	1.349149	1.015429	1.231408	1.146886	1.015652	1.115278	0.594722
0.768305	1.046277	0.755241	0.849202	0.973462	1.047061	0.789228	0.953035	1.256196	0.912663
0.771227	0.814885	0.85402	0.845763	0.867498	1.171888	1.341965	0.869628	1.416576	1.324872
0.675573	0.895619	1.062372	1.157966	1.025923	1.164535	1.439751	1.162153	1.724892	1.774573
1.13477	1.302839	0.986847	1.194618	1.117187	0.717919	0.864333	1.101285	1.203976	0.870799
0.657152	0.822968	0.64662	0.845763	0.832107	0.766128	0.798523	1.527044	0.930276	0.886275
0.498417	0.718988	0.519687	1.175906	1.510759	1.659366	1.088178	0.976062	0.875	1.046396
0.952271	1.206087	1.048377	0.662627	0.780871	1.020097	1.017915	0.707734	0.531795	0.748969
0.768305	1.049014	0.939343	0.657045	0.526479	0.543185	0.931171	0.865942	0.588552	0.949782
0.621462	0.675053	0.794859	0.825681	0.610639	0.735206	0.697052	0.814104	0.873082	0.958997
0.819224	1.06581	0.952394	0.881445	0.807336	0.70004	0.700787	0.746377	0.736306	0.732074
0.751175	1.022388	0.979734	0.591298	0.754503	0.727142	0.539688	0.574787	0.733521	0.771055
0.846241	0.778053	0.84877	0.583738	0.959568	0.928511	0.812849	1.050708	1.315565	1.622053
0.581798	1.17564	1.133281	0.981359	1.018029	0.845858	1.172046	0.869628	0.653859	0.923255
0.954501	1.019813	1.05672	0.87959	0.663766	0.682868	0.727869	1.023494	0.55693	0.598766
0.762519	0.891779	0.813698	0.657045	0.968781	0.854699	0.58994	1.085788	0.689979	0.649345
0.625635	1.206087	0.975056	0.822423	1.263892	1.388528	1.168361	0.964396	0.756315	0.393703
1.145047	1.024978	1.238918	0.90045	0.69857	0.81219	0.950731	0.9063	0.838161	0.740439
0.766851	0.645877	0.935078	1.383202	0.862002	0.671005	0.786173	0.686584	0.867378	1.194213
0.662825	0.726763	0.961317	0.777731	0.661465	1.266837	1.050227	0.931167	0.754855	0.668001
1.00418	1.206087	1.247546	0.928535	1.064784	0.751799	0.755334	0.731312	0.75925	0.50584
1.022089	1.154129	0.66903	0.875902	0.830411	0.89786	0.730539	0.525164	0.75778	0.753297
0.610188	0.755127	0.73873	0.785116	0.796243	0.930634	0.882946	0.657239	0.863616	1.254199
0.653784	0.980563	1.07099	0.676322	0.840688	0.930634	1.266778	1.2924	0.863616	0.672793
1.066028	0.919405	0.859334	0.842351	0.863826	0.802579	0.795402	0.973704	1.238083	0.665625
0.680303	0.980563	0.606986	0.811207	0.840688	0.712735	0.918603	1.544198	1.384353	1.178493
0.798447	1.150645	0.805749	1.59126	1.165662	1.320814	1.223032	0.858662	1.067826	0.77561
1.181175	1.218078	1.524508	1.42663	1.26851	1.320814	1.646511	0.812479	0.678824	0.802367
0.837617	0.572186	0.624272	1.278754	1.137303	0.773474	0.964278	1.245977	0.957299	1.057938
1.080723	1.030206	0.910335	0.898511	1.144221	1.280906	1.07025	1.013069	1.208096	1.000502
1.032664	0.962193	0.963577	0.680985	0.75026	0.999671	0.79696	0.72199	0.797719	0.581831
0.867668	0.93814	0.930855	0.599964	0.634769	0.735206	0.573777	0.742216	0.769683	0.660911
0.741486	0.831204	0.954607	0.677483	1.018029	0.678084	0.446131	0.469443	0.455226	0.593717

0.862211	0.923499	0.92253	0.854413	0.790029	0.657184	0.529456	0.53533	0.418776	0.337339
0.618358	0.480836	0.550077	0.630166	0.555149	0.485315	0.356567	0.437502	0.508861	0.512452
0.477797	0.537012	0.430789	0.25265	0.420345	0.324529	0.3223	0.479125	0.580673	0.616388
0.427829	0.625731	0.550077	0.36814	0.02013	0.395347	0.345393	0.409672	0.319976	0.380598
0.518424	0.285192	0.341611	0.309049	0.369453	0.423536	0.338824	0.438873	0.392048	0.393703
0.476308	0.30158	0.285835	0.454966	0.343316	0.489918	0.399982	0.395155	0.401637	0.485023
0.394567	0.402294	0.432119	0.540947	0.382533	0.43358	0.491552	0.608951	0.448695	0.3596
0.568729	0.504475	0.513213	0.507464	0.457443	0.343376	0.334499	0.406475	0.410122	0.376317
0.481542	0.384098	0.334102	0.265965	0.185922	0.261828	0.302367	0.312331	0.388271	0.409837
0.321617	0.447971	0.371858	0.387975	0.297314	0.306971	0.295921	0.38838	0.406185	0.479585
0.376476	0.382912	0.395091	0.394591	0.336749	0.311039	0.294937	0.35093	0.360357	0.35843
0.278537	0.308013	0.34487	0.294849	0.394775	0.290096	0.258229	0.27973	0.356845	0.26569
0.350678	0.259926	0.316388	0.400081	0.359038	0.282376	0.426414	0.357141	0.243115	0.313522
0.397657	0.436428	0.375937	0.497365	0.425645	0.366548	0.352063	0.381709	0.382049	0.345766
0.248489	0.251967	0.321007	0.251776	0.303307	0.290096	0.259132	0.259735	0.199197	0.344068
0.325276	0.315049	0.302323	0.369282	0.334041	0.327702	0.335576	0.261101	0.325365	0.350329
0.284231	0.336335	0.357031	0.44058	0.494869	0.441786	0.342644	0.348136	0.343073	0.209975
0.415379	0.273065	0.324634	0.307062	0.334581	0.394727	0.359406	0.35093	0.324282	0.411814
0.33109	0.311014	0.343781	0.315568	0.384954	0.409854	0.28715	0.428696	0.404881	0.401372
0.424518	0.367206	0.475537	0.404398	0.545381	0.551993	0.523596	0.329064	0.440136	0.474977
0.445467	0.364926	0.42682	0.324759	0.349984	0.389188	0.377435	0.231583	0.268522	0.402664
0.406428	0.3526	0.321007	0.346993	0.266213	0.272447	0.365141	0.367501	0.352783	0.447594
0.471136	0.50526	0.306794	0.438564	0.475753	0.46811	0.552826	0.41679	0.295002	0.443312
0.468208	0.480094	0.449802	0.415067	0.39789	0.316178	0.343192	0.357141	0.289475	0.225608
0.351793	0.238167	0.304305	0.459868	0.330815	0.331434	0.245335	0.346468	0.391416	0.40591
0.334294	0.427148	0.401254	0.480053	0.323905	0.531148	0.46533	0.577612	0.455958	0.4607
0.507106	0.565821	0.441551	0.45776	0.48866	0.420239	0.303868	0.40839	0.385149	0.366686
0.360245	0.489835	0.348153	0.296297	0.395396	0.467377	0.420472	0.372774	0.460376	0.563654
0.245857	0.488322	0.507627	0.450117	0.443331	0.60191	0.497775	0.418097	0.474667	0.458488
0.537681	0.592818	0.64881	0.651535	0.389836	0.434937	0.53625	0.46359	0.582629	0.434872
0.409603	0.451425	0.429462	0.388572	0.49253	0.417619	0.400608	0.407112	0.55693	0.475742
0.546328	0.3526	0.477752	0.472011	0.496435	0.355656	0.540551	0.496019	0.572933	0.54084
0.573352	0.543823	0.571587	0.587502	0.460321	0.45015	0.423763	0.401407	0.47928	0.373284
0.350678	0.447971	0.510012	0.468404	0.383137	0.34118	0.477869	0.323239	0.325908	0.314576
0.386635	0.319121	0.527918	0.486745	0.424314	0.408573	0.477121	0.402669	0.373484	0.433482
0.639481	0.559548	0.675985	0.670563	0.676641	0.508834	0.625238	0.565499	0.730754	0.571215
0.600187	0.504475	0.529583	0.473462	0.42765	0.632936	0.548402	0.354872	0.503108	0.512452
0.422543	0.552489	0.588448	0.44058	0.448218	0.450854	0.429081	0.466507	0.619445	0.626016
0.724047	0.55866	0.537155	0.569907	0.615772	0.519435	0.663661	0.761983	0.728005	0.69758
0.602169	0.620581	0.749667	0.660386	0.575372	0.744808	0.504883	0.557307	0.589548	0.523415
0.492205	0.573103	0.603017	0.797199	0.739144	0.545809	0.477121	0.75482	0.652705	0.465906
0.624588	0.463379	0.539709	0.979025	0.660319	0.780946	0.682426	0.784211	0.7866	1.016152
0.607164	0.589947	0.643356	0.651535	0.615772	0.686491	0.753919	0.499951	0.360357	0.698857
0.520888	0.531974	0.631594	0.324759	0.409936	0.638329	0.607735	0.426689	0.656176	0.598766
0.521712	0.554243	0.585592	0.319119	0.659177	0.650436	0.775648	0.647143	0.740517	0.763567
0.601177	0.586147	0.670181	0.563601	0.530703	0.400338	0.483139	0.57198	0.43105	0.447594
0.48532	0.428461	0.388411	0.402543	0.553357	0.525252	0.396866	0.412247	0.447256	0.292948

0.427829	0.477877	0.440191	0.535045	0.741896	0.534553	0.429081	0.552822	0.621585	0.495307
0.611201	0.586147	0.599084	0.516197	0.493308	0.551104	0.550167	0.492121	0.406185	0.498521
0.483805	0.422581	0.547462	0.590346	0.481779	0.524416	0.650101	0.520997	0.43732	0.443312
0.349012	0.469121	0.465347	0.473462	0.43304	0.604915	0.477869	0.353178	0.452311	0.409837
0.426502	0.56763	0.526259	0.488247	0.373572	0.466645	0.482382	0.390217	0.266623	0.353205
0.423859	0.394924	0.426163	0.376779	0.402289	0.434937	0.414611	0.377517	0.400991	0.406562
0.496077	0.348203	0.442233	0.289582	0.399142	0.30094	0.387649	0.338768	0.426235	0.375101
0.442707	0.411685	0.525432	0.378528	0.521464	0.390412	0.375657	0.393915	0.404881	0.373889
0.439281	0.414862	0.44497	0.305085	0.483298	0.310528	0.240543	0.352053	0.360945	0.279592
0.541119	0.477141	0.502111	0.505113	0.466867	0.394727	0.251068	0.405202	0.236878	0.325267
0.392724	0.501352	0.564298	0.324243	0.301801	0.431552	0.452437	0.503124	0.407493	0.422513
0.354592	0.393101	0.488242	0.412533	0.436443	0.406022	0.378624	0.388992	0.343073	0.296479
0.407061	0.358159	0.397546	0.382636	0.363636	0.391641	0.305878	0.286444	0.312016	0.279105
0.442707	0.507622	0.50368	0.486745	0.439873	0.492238	0.425086	0.3042	0.326451	0.436967
0.423859	0.461956	0.440191	0.53254	0.406096	0.2945	0.293956	0.329598	0.338019	0.33957
0.335367	0.376444	0.267663	0.346993	0.425645	0.370045	0.360547	0.282595	0.484724	0.326351
0.392111	0.337935	0.302323	0.25528	0.349984	0.335198	0.437864	0.351491	0.332472	0.303113
0.35628	0.46624	0.412573	0.46128	0.479509	0.521918	0.439916	0.553715	0.524873	0.335673
0.417321	0.414862	0.307294	0.335733	0.346082	0.337907	0.383414	0.394535	0.351629	0.267581
0.341318	0.288993	0.288221	0.265965	0.25213	0.315661	0.353185	0.309774	0.290475	0.407869
0.393952	0.411053	0.546594	0.513798	0.342765	0.351711	0.466058	0.378113	0.308351	0.381213
0.375296	0.297668	0.417056	0.36871	0.34002	0.319812	0.445436	0.383518	0.219963	0.364903
0.211407	0.320658	0.322557	0.337856	0.303307	0.34503	0.321255	0.381709	0.318907	0.314049
0.29389	0.310513	0.275491	0.42731	0.446117	0.309	0.330217	0.479879	0.461858	0.402664
0.461691	0.391285	0.366095	0.276919	0.444721	0.473274	0.419817	0.410958	0.458898	0.491323
0.368865	0.25948	0.323594	0.298234	0.290424	0.268261	0.253739	0.284997	0.295508	0.272345
0.376476	0.284247	0.329342	0.406262	0.330279	0.268261	0.354309	0.401407	0.387645	0.34069
0.323182	0.315049	0.303808	0.413798	0.34775	0.394727	0.332353	0.415487	0.359183	0.266634
0.242807	0.286614	0.341071	0.327347	0.279338	0.360209	0.459553	0.443705	0.432436	0.465158
0.279009	0.589947	0.477013	0.452189	0.470548	0.626551	0.542284	0.541373	0.671543	0.478813
0.77713	0.897553	0.701243	0.670563	0.587779	0.438348	0.24011	0.500742	0.898703	0.740439
1.121435	1.183054	1.230459	1.105083	0.595595	0.403487	0.369783	0.476123	0.743347	0.726586
1.117748	1.114061	1.19047	1.460545	1.023275	0.706341	0.635874	0.747772	0.719859	0.768044
1.162735	1.164751	1.636773	1.505082	1.056159	0.813813	1.07025	0.886614	0.783475	0.82915
1.196512	1.101487	0.94365	1.190811	0.854781	1.164535	1.050227	0.701406	0.911058	0.759136
0.830838	0.788477	0.576205	0.733229	0.810558	1.025358	0.902393	0.626569	0.656176	0.652783
0.6384	0.555123	0.566108	0.539253	0.642387	0.593019	0.74276	0.475376	0.348187	0.451195
0.544585	0.412319	0.157069	0.453575	0.604559	0.486079	0.406282	0.407112	0.355099	0.360186
0.427829	0.368923	0.299859	0.221859	0.374757	0.394108	0.320213	0.473885	0.361534	0.349756
0.350678	0.334212	0.364952	0.257043	0.332425	0.457245	0.352063	0.483668	0.410122	0.380598
0.355154	0.368923	0.327767	0.334149	0.352793	0.39846	0.446131	0.379309	0.422151	0.554384
0.336443	0.281894	0.308295	0.374458	0.331351	0.480006	0.568214	0.623407	0.753399	1.190229
0.365396	0.353152	0.411301	0.598993	0.515685	0.899837	0.240003	0.120002	0.060001	0.03
0.56234	0.8181	1.256348	0.20565	0.102825	0	0	0	0	0
0.106028	0.053014	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

[illegible]

240	241	242	243	244	245	246	247	248	249
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.645656	1.309401	1.669453	0.681297	0.340648	0.170324	0	0	0	0
0.861291	0.901363	1.362593	2.804038	2.698404	1.917832	2.124266	0.876606	0.438303	0
0.665868	0.845048	1.097775	0.796519	0.857583	1.297942	3.865942	2.101199	1.753211	1.600932
1.066152	0.701027	0.775256	0.583149	0.864931	1.098006	1.519916	1.038347	1.065802	1.333367
0.897216	0.711256	0.832821	0.954151	0.699112	0.998234	0.98551	0.99139	1.019106	1.687386
0.541022	0.667012	0.859256	0.552127	0.528723	0.904658	0.951159	1.043892	0.654881	0.861354
0.913279	1.265535	0.949853	0.689745	0.852153	0.906716	0.663818	1.003932	1.229374	1.181877
0.767045	0.623678	0.681352	0.683562	0.845017	0.714771	0.729962	0.627872	0.719067	0.874031
0.698291	0.473993	0.653323	0.869162	0.87619	0.675496	0.801734	0.910415	0.907227	0.696912
0.885547	1.036659	0.641057	0.698553	0.667419	0.874903	0.911218	0.946781	0.951698	0.81086
0.553347	0.50104	0.72178	0.6562	0.653536	0.450759	0.610429	0.740968	0.612033	0.700594
0.80519	0.468041	0.737967	0.799716	0.791793	0.457306	0.631004	0.860093	0.694951	0.45843
0.996438	0.956877	0.763438	0.549414	0.55242	0.760894	0.649293	0.74236	0.713877	0.81405
0.581	0.901363	0.913372	0.71805	0.727863	0.539353	0.678845	0.611071	0.721685	0.560609
0.587714	0.784353	0.629128	0.461556	0.885802	0.817515	0.854795	0.455235	0.683979	0.687242
0.454712	0.520611	0.669453	0.749756	0.824286	0.927852	1.155402	0.960379	1.102075	0.970335
0.384557	0.472498	0.158473	0.356139	0.561536	0.527993	0.511962	0.57077	0.527069	0.401615
0.521502	0.584278	0.271513	0.366666	0.695334	0.580168	0.434418	0.472855	0.716464	0.467704
0.484151	0.542857	0.412878	0.500842	0.572734	0.573413	0.743399	0.677737	0.821638	0.802987
0.386377	0.464361	0.423407	0.438606	0.286823	0.404246	0.284619	0.532172	0.517119	0.436412
0.464063	0.592074	0.498082	0.489699	0.22575	0.529721	0.489335	0.627872	0.301299	0.253073
0.46479	0.508276	0.482542	0.638134	0.547933	0.713447	0.52995	0.551491	0.285625	0.496776
0.261943	0.343043	0.373143	0.408255	0.487209	0.493995	0.382094	0.510395	0.525395	0.242643
0.413987	0.415223	0.471986	0.277602	0.544377	0.45804	0.423175	0.377692	0.377423	0.404099
0.63462	0.481551	0.365498	0.249142	0.619602	0.439358	0.504813	0.422672	0.593072	0.610723
0.438646	0.296327	0.336741	0.643699	0.608171	0.320175	0.596585	0.563324	0.723	0.335139

0.453291	0.482314	0.418769	0.640351	0.333264	0.344354	0.499333	0.753654	0.502607	0.225384
0.598478	0.740695	0.81605	0.904446	0.650134	0.560209	0.606428	0.508765	0.350352	0.527935
0.431168	0.543736	0.363173	0.566892	0.477992	0.469949	0.356158	0.432802	0.330701	0.511677
0.478853	0.52396	0.415486	0.384797	0.44932	0.60007	0.472192	0.47889	0.462497	0.431078
0.791069	0.82779	0.763438	0.876759	0.841493	0.785153	0.668386	0.360003	0.4318	0.570545
0.698291	0.454222	0.518323	0.613413	0.722492	0.393989	0.568328	0.432802	0.668605	0.833695
0.478101	0.589134	0.518323	0.577342	0.309424	0.472978	0.560197	0.289738	0.618197	0.420602
0.308649	0.603027	0.487146	0.71805	0.458668	0.736523	0.643833	0.662399	0.430455	0.39853
0.336464	0.295829	0.173196	0.626135	0.621713	0.61986	0.742036	0.694883	0.662834	0.70931
0.353598	0.377035	0.524164	0.415481	0.308394	0.396531	0.409678	0.453798	0.460333	0.522175
0.583865	0.562614	0.407066	0.24331	0.395837	0.506127	0.546975	0.431437	0.58056	0.665104
0.528193	0.515635	0.64659	0.582176	0.528723	0.378433	0.425138	0.225442	0.546803	0.423197
0.41334	0.371083	0.385174	0.524024	0.321445	0.242558	0.34402	0.502302	0.513852	0.585416
0.309667	0.616338	0.388235	0.339699	0.286823	0.377212	0.525796	0.573595	0.395009	0.267837
0.557836	0.592074	0.49258	0.7234	0.453609	0.620927	0.473656	0.419348	0.290463	0.357491
0.421173	0.395397	0.335651	0.437211	0.39458	0.536705	0.61752	0.572651	0.411405	0.602778
0.609516	0.608098	0.491799	0.292314	0.445072	0.356968	0.439811	0.484241	0.555671	0.572377
0.522333	0.646474	0.417453	0.418805	0.481809	0.391462	0.222391	0.333662	0.501025	0.483864
0.339182	0.424482	0.537817	0.648203	0.633511	0.654221	0.509566	0.688681	0.483984	0.386403
0.30109	0.286486	0.435565	0.48114	0.266274	0.436554	0.768685	0.657786	0.583415	0.645124
0.52651	0.297822	0.37255	0.299354	0.276188	0.358717	0.563792	0.403734	0.397492	0.372285
0.536703	0.670532	0.593216	0.566892	0.55062	0.426197	0.382094	0.393005	0.508997	0.584472
0.371437	0.493139	0.387008	0.383565	0.319858	0.448599	0.477338	0.57171	0.622355	0.466984
0.488744	0.332639	0.262682	0.361371	0.385887	0.355806	0.526624	0.508765	0.652635	0.648391
0.465519	0.344709	0.529233	0.496031	0.429163	0.330451	0.377368	0.484241	0.37921	0.417379
0.404376	0.386119	0.390699	0.432363	0.513614	0.416749	0.551338	0.50714	0.390699	0.278432
0.194821	0.466565	0.36901	0.386653	0.356188	0.465445	0.366347	0.508765	0.502607	0.403477
0.177567	0.311004	0.271513	0.360786	0.441563	0.568651	0.350047	0.354834	0.42313	0.529595
0.413987	0.296825	0.432834	0.453529	0.337643	0.223321	0.348395	0.380712	0.52041	0.572377
0.437961	0.26374	0.463137	0.478069	0.511146	0.390205	0.467106	0.410172	0.380405	0.310355
0.315308	0.323537	0.400698	0.408907	0.433943	0.368164	0.347846	0.378898	0.613054	0.570545
0.527351	0.483844	0.470498	0.481911	0.377365	0.490026	0.523322	0.503105	0.437905	0.474975
0.359273	0.402329	0.278136	0.448498	0.473456	0.640596	0.376195	0.374694	0.361666	0.432405
0.433195	0.293351	0.278136	0.291317	0.351051	0.397807	0.436432	0.47889	0.52041	0.407852
0.429822	0.313068	0.364334	0.363716	0.359646	0.260817	0.215052	0.266765	0.429784	0.223736
0.399963	0.407441	0.484838	0.394786	0.342623	0.327724	0.3301	0.323982	0.319636	0.306856
0.321547	0.380646	0.289731	0.444939	0.379177	0.392724	0.356158	0.32665	0.221766	0.260616
0.347997	0.354839	0.335108	0.389139	0.345975	0.298796	0.33754	0.380106	0.335531	0.463399
0.494165	0.359995	0.335651	0.371427	0.340403	0.217375	0.286998	0.3166	0.286107	0.420602
0.273978	0.165417	0.402598	0.281477	0.30788	0.361647	0.30502	0.351422	0.288037	0.3694
0.21279	0.260062	0.293172	0.403075	0.301253	0.273111	0.280369	0.345793	0.350911	0.315911
0.215653	0.409373	0.37612	0.309613	0.318803	0.328268	0.489335	0.384975	0.194796	0.183328
0.231108	0.344709	0.38885	0.314835	0.332177	0.389577	0.293245	0.26444	0.17273	0.25705
0.298599	0.28406	0.283895	0.183079	0.239573	0.299305	0.337004	0.386815	0.425116	0.380465
0.403743	0.261437	0.261763	0.285877	0.218163	0.257103	0.210228	0.301696	0.474963	0.500648
0.293169	0.382463	0.329706	0.301386	0.326778	0.281831	0.332213	0.418025	0.317043	0.309853
0.258306	0.386119	0.40133	0.338034	0.340403	0.328268	0.322268	0.472855	0.35995	0.272412

0.37974	0.326728	0.277184	0.334721	0.33055	0.492403	0.489335	0.365235	0.301299	0.402855
0.276331	0.358844	0.359707	0.415481	0.445072	0.449318	0.365775	0.42535	0.376829	0.456318
0.366763	0.358269	0.336196	0.384181	0.453609	0.467691	0.477338	0.43417	0.37921	0.386403
0.401219	0.334265	0.370777	0.32601	0.327315	0.168361	0.32175	0.26259	0.335531	0.450042
0.358702	0.364629	0.38153	0.3298	0.340403	0.263623	0.39231	0.418025	0.396249	0.331963
0.359273	0.381856	0.267307	0.315887	0.383435	0.421447	0.339151	0.303722	0.215581	0.416097
0.433195	0.294836	0.371367	0.356139	0.516096	0.4201	0.286521	0.341343	0.247427	0.390609
0.448355	0.379439	0.373737	0.273761	0.41055	0.379657	0.388074	0.394879	0.472737	0.349728
0.337549	0.327262	0.402598	0.336927	0.396466	0.296765	0.44117	0.478131	0.5163	0.418022
0.288777	0.462169	0.377316	0.439305	0.384047	0.311182	0.340228	0.466163	0.429784	0.412272
0.326816	0.459987	0.400066	0.468984	0.317751	0.446449	0.4557	0.50714	0.305308	0.273333
0.433195	0.396022	0.358558	0.471991	0.541728	0.408155	0.386271	0.323451	0.335531	0.388802
0.442089	0.445014	0.561876	0.549414	0.556044	0.382733	0.382094	0.404374	0.511418	0.426464
0.570655	0.549938	0.536951	0.465998	0.428484	0.379657	0.383879	0.546136	0.527909	0.381055
0.496509	0.480789	0.484838	0.471991	0.396466	0.410123	0.340768	0.560565	0.365697	0.296524
0.412048	0.618423	0.662466	0.525728	0.494253	0.413423	0.27616	0.466163	0.419187	0.502988
0.530728	0.52396	0.469016	0.302406	0.603072	0.419427	0.451498	0.516152	0.480203	0.411005
0.601461	0.391043	0.427422	0.355562	0.587149	0.502045	0.655936	0.329872	0.484744	0.473511
0.541022	0.422481	0.591251	0.518951	0.565237	0.483749	0.706776	0.329872	0.541568	0.533772
0.548905	0.607079	0.590271	0.699826	0.436699	0.466192	0.527453	0.481176	0.47945	0.562399
0.437277	0.512349	0.322254	0.505706	0.276188	0.653069	0.832452	0.530457	0.385824	0.479397
0.448355	0.589134	0.671807	0.64258	0.508692	0.671877	0.737974	0.523666	0.541568	0.744667
0.672867	0.570028	0.502854	0.360203	0.494253	0.569599	0.622656	0.674149	0.618197	0.532933
0.670521	0.34694	0.402598	0.493646	0.575579	0.584076	0.548715	0.37231	0.489334	0.488377
0.351349	0.325662	0.370777	0.650473	0.719831	0.616675	0.648195	0.605951	0.83167	0.653891
0.365602	0.382463	0.573012	0.767266	0.541728	0.628471	0.68596	0.803621	0.761536	0.677783
0.506816	0.402329	0.471241	0.720717	0.69659	0.670677	0.775979	0.808462	0.715169	0.654999
0.584824	0.750496	0.70236	0.613413	0.604087	0.495594	0.719504	0.778676	0.626554	0.854272
0.755514	0.668182	0.672988	0.741259	0.448609	0.747822	0.842621	0.743756	0.571175	0.61374
0.641129	0.654346	0.696075	0.925362	0.861242	0.863549	0.690769	0.531313	0.637231	0.727284
0.674044	0.681265	1.088435	1.051244	0.620656	0.636147	0.8128	0.717973	1.068712	1.170818
0.797288	0.850362	0.831114	0.833053	0.346536	0.492403	0.69198	0.854645	0.768792	0.733888
0.580049	0.715155	0.536086	0.601054	0.481043	0.900571	0.739324	0.653223	0.457466	0.609722
0.67998	0.901363	0.790496	0.782416	0.747202	0.961619	0.976081	0.599886	0.450378	0.8287
0.831487	0.778272	1.097775	1.364823	0.638982	0.854309	0.715647	0.681354	0.618197	0.762776
0.65108	0.485379	0.582516	0.869162	0.719831	0.890518	0.521681	0.471359	0.692489	0.694474
0.324174	0.332099	0.553707	0.648203	0.542609	0.599053	0.6165	0.617296	1.011362	0.688439
0.466249	0.535027	0.701096	0.727457	0.447899	0.532327	0.671845	0.777164	0.529593	0.677783
0.481873	0.543736	0.42075	0.686025	0.390833	0.721453	0.825802	0.660087	0.483984	0.616778
0.429151	0.624737	0.501258	0.578304	0.551519	0.547395	0.535833	0.45094	0.457466	0.556167
0.525672	0.684903	0.720458	0.296826	0.510326	0.497198	0.377956	0.57171	0.568398	0.67545
0.375569	0.393525	0.610288	0.575423	0.717186	0.894511	0.484797	0.445981	0.553883	0.488377
0.403743	0.557136	0.460953	0.639241	0.581326	0.626302	0.604442	0.405655	0.649288	0.666242
0.386985	0.594045	0.63451	0.799716	0.500611	0.460248	0.706776	0.750803	0.552102	0.681306
0.302591	0.296327	0.540425	0.588049	0.475718	0.532327	0.638441	0.548805	0.378018	0.529595
0.390654	0.44924	0.618561	0.437908	0.625966	0.706887	0.599515	0.430757	0.33987	0.412272
0.687212	0.764893	0.678946	0.401789	0.53735	0.57726	0.732617	0.590945	0.637231	0.59401

0.687212	0.672894	0.434881	0.364894	0.566167	0.601089	0.50877	0.543483	0.799094	0.80455
0.432518	0.418507	0.50768	0.578304	0.484886	0.440062	0.306016	0.426696	0.583415	0.51973
0.234095	0.58139	0.501258	0.42757	0.29224	0.444309	0.42711	0.668234	0.611014	0.464114
0.48036	0.628998	0.542173	0.381722	0.357914	0.446449	0.591746	0.426023	0.529593	0.429094
0.443473	0.317225	0.582516	0.432363	0.598033	0.611417	0.484797	0.388046	0.58629	0.402855
0.460442	0.43326	0.588319	0.461556	0.534743	0.417417	0.42711	0.396133	0.571175	0.710569
0.615658	0.614263	0.545689	0.473503	0.541728	0.332646	0.50324	0.655499	0.598971	0.47718
0.372614	0.55623	0.622757	0.640351	0.697849	0.508594	0.425138	0.466163	0.433825	0.527935
0.337006	0.428512	0.428768	0.348693	0.426454	0.455843	0.500111	0.668234	0.49553	0.471324
0.449759	0.701027	0.513378	0.349261	0.533878	0.561139	0.659297	0.645349	0.456752	0.297498
0.645524	0.549047	0.499667	0.437211	0.611258	0.550109	0.622656	0.41408	0.554776	0.580714
0.487975	0.505045	0.556413	0.603089	0.68542	0.539353	0.484797	0.388662	0.530437	0.695691
0.682378	0.588159	0.445263	0.481911	0.392703	0.529721	0.558411	0.640914	0.682777	0.557052
0.403743	0.403601	0.410932	0.609254	0.518592	0.404246	0.420572	0.556912	0.447575	0.3694
0.234952	0.380042	0.470498	0.589036	0.516926	0.216532	0.383879	0.432802	0.470522	0.364825
0.383347	0.467302	0.576789	0.442817	0.462318	0.470704	0.634176	0.564248	0.477201	0.299451
0.65108	0.536755	0.463137	0.450647	0.508692	0.45804	0.479562	0.418025	0.460333	0.383424
0.464063	0.587185	0.526691	0.564085	0.659267	0.57726	0.418629	0.46249	0.424453	0.481625
0.466249	0.475494	0.579643	0.472746	0.511146	0.496395	0.363493	0.493571	0.652635	0.612732
0.369094	0.343043	0.317531	0.426889	0.334901	0.511076	0.582227	0.736821	0.624449	0.441134
0.325229	0.426492	0.432834	0.469734	0.457942	0.347189	0.370375	0.529602	0.555671	0.469149
0.30109	0.427837	0.412878	0.467488	0.55242	0.366377	0.433748	0.535621	0.590152	0.421898
0.481873	0.554423	0.468277	0.389763	0.415129	0.48531	0.614467	0.567963	0.398738	0.263761
0.458285	0.396649	0.241143	0.403075	0.429163	0.627385	0.422523	0.452367	0.408204	0.560609
0.37085	0.42049	0.184192	0.534351	0.567099	0.482194	0.364632	0.357698	0.468319	0.596913
0.514097	0.405517	0.35513	0.48114	0.641189	0.596016	0.627855	0.539098	0.59405	0.437084
0.409476	0.309462	0.407066	0.479602	0.419093	0.506127	0.652602	0.615211	0.517119	0.385209
0.431843	0.367551	0.530084	0.310132	0.385273	0.328813	0.4439	0.43417	0.526231	0.44866
0.439333	0.472498	0.553707	0.44423	0.496626	0.362235	0.467829	0.461759	0.328041	0.25088
0.737406	0.697253	0.539554	0.469734	0.459396	0.375995	0.472192	0.491219	0.291437	0.435742
0.355293	0.448533	0.446666	0.553035	0.581326	0.492403	0.391702	0.433486	0.42247	0.368826
0.501236	0.52312	0.454466	0.536096	0.599037	0.402304	0.452196	0.57077	0.703681	0.480881
0.590623	0.426492	0.496503	0.631548	0.547041	0.353491	0.542656	0.485011	0.529593	0.228698
0.514913	0.457816	0.687426	0.702383	0.523628	0.394623	0.520863	0.476617	0.531284	0.527935
0.548022	0.521446	0.483306	0.599027	0.425107	0.528856	0.639515	0.492002	0.438588	0.368826
0.781904	0.61117	0.524164	0.61237	0.656965	0.67308	0.565601	0.442474	0.305308	0.543965
0.560551	0.505045	0.378516	0.698553	0.806115	0.605191	0.462793	0.55239	0.555671	0.769947
0.456852	0.559867	0.430796	0.520635	0.566167	0.550109	0.526624	0.653223	0.721685	0.598859
0.571586	0.343043	0.516669	0.536971	0.504632	0.567705	0.706776	0.816652	0.665133	0.417379
0.683581	0.517287	0.799904	0.715399	0.587149	0.531456	0.631004	0.539098	0.688822	0.589215
0.476602	0.639838	0.716516	0.571611	0.419757	0.482194	0.651496	0.623611	0.459615	0.566906
0.380339	0.64536	0.534363	0.443523	0.404092	0.590005	0.504813	0.360581	0.378613	0.78019
0.487975	0.46144	0.353993	0.478069	0.67453	0.591001	0.50324	0.461029	0.64267	0.67313
0.498866	0.499448	0.589294	0.869162	0.581326	0.404895	0.350599	0.366406	0.692489	0.531261
0.523999	0.365212	0.519984	0.712765	0.585199	0.407501	0.55752	0.504714	0.678002	0.491413
0.488744	0.27449	0.474226	0.662003	0.529578	0.402304	0.544379	0.470613	0.527069	0.507706
0.543634	0.511531	0.639959	0.682336	0.539096	0.428249	0.663818	0.613136	0.481711	0.496776

0.421173	0.431898	0.543927	0.577342	0.584228	0.654221	0.705524	0.565174	0.387037	0.548284
0.522333	0.64983	0.508489	0.42757	0.372569	0.497198	0.510363	0.55239	0.50659	0.683671
0.702048	0.525644	0.318053	0.344173	0.448609	0.646221	0.397201	0.430077	0.517119	0.383424
0.570655	0.542857	0.528384	0.565018	0.474208	0.438656	0.292761	0.537356	0.64267	0.437756
0.522333	0.423147	0.456617	0.607189	0.532153	0.621997	0.574759	0.533893	0.551214	0.377526
0.509229	0.427164	0.42675	0.686025	0.496626	0.302885	0.421221	0.3735	0.521237	0.516491
0.469918	0.44222	0.549235	0.619728	0.413161	0.277934	0.568328	0.612102	0.435181	0.413543
0.478853	0.397276	0.419428	0.522326	0.511146	0.400371	0.635238	0.54525	0.392541	0.437756
0.621887	0.787426	0.44247	0.376847	0.53561	0.547395	0.515178	0.492002	0.499447	0.507706
0.620842	0.575672	0.497292	0.391013	0.568969	0.496395	0.370954	0.410172	0.539837	0.466984
0.442089	0.473993	0.477986	0.421483	0.474208	0.521997	0.394138	0.612102	0.56108	0.466984
0.450463	0.384897	0.283412	0.481911	0.402173	0.450759	0.527453	0.598884	0.597982	0.533772
0.494165	0.452793	0.357413	0.731552	0.645639	0.399087	0.352259	0.471359	0.483225	0.374025
0.347997	0.390424	0.449486	0.577342	0.563382	0.3877	0.437106	0.428045	0.510609	0.426464
0.449759	0.546383	0.62806	0.513106	0.498215	0.416749	0.643833	0.597883	0.469787	0.516491
0.566954	0.427164	0.371958	0.403719	0.61855	0.567705	0.646009	0.482706	0.466126	0.616778
0.323121	0.299323	0.328633	0.504892	0.517758	0.397807	0.447337	0.441079	0.521237	0.609722
0.432518	0.380042	0.24776	0.386033	0.353327	0.480644	0.526624	0.588982	0.596996	0.474242
0.470656	0.25145	0.252677	0.378669	0.577486	0.538468	0.459232	0.495935	0.522065	0.545687
0.37085	0.338084	0.448074	0.497629	0.412507	0.438656	0.391702	0.592916	0.576781	0.363688
0.378544	0.399795	0.457337	0.398592	0.414472	0.436554	0.397817	0.494357	0.545051	0.386403
0.263773	0.494708	0.576789	0.392267	0.361386	0.367568	0.367494	0.438302	0.470522	0.450042
0.422493	0.64759	0.493361	0.464512	0.513614	0.562071	0.511962	0.38928	0.413984	0.550895
0.371437	0.366965	0.432834	0.578304	0.402811	0.435159	0.520046	0.452367	0.544178	0.817263
0.330008	0.378837	0.466802	0.425531	0.496626	0.481418	0.524145	0.523666	0.470522	0.619838
0.576267	0.444314	0.490243	0.419473	0.637882	0.542017	0.181606	0.415391	0.418533	0.410372
0.459003	0.339731	0.405145	0.443523	0.406019	0.50449	0.309017	0.562402	0.504196	0.467704
0.525672	0.379439	0.405145	0.578304	0.416446	0.423477	0.416053	0.505521	0.420497	0.548284
0.435912	0.32037	0.514199	0.524024	0.388353	0.392724	0.431081	0.642018	0.362814	0.373444
0.437277	0.380646	0.377916	0.492063	0.428484	0.621997	0.531623	0.57077	0.481711	0.580714
0.380939	0.338632	0.44108	0.548513	0.383435	0.555589	0.520046	0.46469	0.515482	0.682487
0.293169	0.457095	0.46168	0.338588	0.438777	0.591001	0.530786	0.432802	0.373872	0.470598
0.372025	0.427837	0.400066	0.388516	0.539096	0.397168	0.372694	0.343562	0.504992	0.550023
0.584824	0.460713	0.426079	0.396685	0.511967	0.304945	0.365775	0.523666	0.761536	0.550023
0.591597	0.477756	0.404507	0.544038	0.413161	0.384589	0.418629	0.444575	0.543306	0.45282
0.603461	0.532448	0.62806	0.537848	0.269084	0.407501	0.61752	0.471359	0.381003	0.457021
0.408835	0.459987	0.432834	0.536971	0.513614	0.540239	0.572912	0.476617	0.433825	0.511677
0.281076	0.266054	0.466067	0.589036	0.417106	0.34947	0.408414	0.574541	0.378018	0.308352
0.373793	0.413916	0.521651	0.503267	0.428484	0.394623	0.59271	0.50633	0.467587	0.526282
0.553347	0.527335	0.426079	0.454253	0.44719	0.512738	0.571072	0.424679	0.469787	0.64296
0.600464	0.698507	0.558226	0.669071	0.625966	0.525413	0.356158	0.534756	0.488565	0.433071
0.823097	0.824419	0.533504	0.639241	0.701648	0.58802	0.4557	0.677737	0.701169	0.51973
0.688429	0.747673	0.597173	0.454978	0.6346	0.57726	0.524145	0.771166	0.614078	0.435742
0.656708	0.489242	0.449486	0.634828	0.764493	0.631744	0.4557	0.512032	0.556568	0.543106
0.527351	0.434627	0.550125	0.821092	0.784036	0.463954	0.528284	0.593905	0.577723	0.465546
0.541022	0.684903	0.681352	0.621853	0.718506	0.653069	0.780414	0.477374	0.523727	0.556167
0.596501	0.799939	0.639959	0.446359	0.595038	0.702998	0.638441	0.596885	0.660546	0.69205

0.802012	0.692271	0.642158	0.501649	0.760105	0.605191	0.434418	0.442474	0.683979	0.739244
0.539289	0.457816	0.68988	0.553946	0.563382	0.841695	0.555745	0.706275	0.811833	0.618816
0.589651	0.639838	0.477986	0.353835	0.325706	0.596016	0.650393	0.589962	0.579612	0.547416
0.741518	0.606063	0.378516	0.476541	0.554228	0.437954	0.517605	0.496725	0.416577	0.467704
0.674044	0.646474	0.592232	0.71408	0.741588	0.515244	0.492387	0.598884	0.459615	0.483116
0.562371	0.53849	0.590271	0.601054	0.700378	0.620927	0.607425	0.524509	0.52875	0.547416
0.70966	0.775263	0.608245	0.396685	0.588128	0.520298	0.571991	0.474356	0.486269	0.485363
0.688429	0.769307	0.620654	0.286369	0.730573	0.667098	0.410945	0.400551	0.530437	0.654999
0.579101	0.472498	0.729798	0.758423	0.764493	0.520298	0.319688	0.408876	0.49553	0.425154
0.670521	0.575672	0.51502	0.579269	0.333809	0.461726	0.464226	0.42535	0.729635	0.543965
0.949523	0.832895	0.436251	0.486567	0.607146	0.494794	0.370375	0.623611	0.554776	0.499095
0.622934	0.819411	0.546573	0.597011	0.679336	0.524556	0.370954	0.689915	0.694951	0.491413
0.454001	0.570028	0.557319	0.699826	0.687877	0.480644	0.545242	0.843949	0.713877	0.494469
0.39871	0.593058	0.642158	0.398592	0.541728	0.544698	0.750277	0.593905	0.62761	0.688439
0.583865	0.855742	0.831114	0.568773	0.619602	0.691536	0.613454	0.510395	0.413984	0.610723
0.608501	0.637648	0.363753	0.592009	0.599037	0.7161	0.540085	0.655499	0.735017	0.587311
0.542761	0.457095	0.300136	0.297331	0.447899	0.521997	0.437106	0.61939	0.60195	0.683671
0.872318	0.723059	0.710024	0.441409	0.757205	0.766833	0.544379	0.402458	0.5163	0.677783
0.628207	0.696002	0.692347	0.942851	0.793362	0.671877	0.432413	0.521985	0.572104	0.454216
0.554241	0.709964	0.642158	0.770254	0.697849	0.623069	0.573834	0.671773	0.720374	0.74878
0.584824	0.79052	0.612342	0.673848	0.527869	0.4745	0.509566	0.445278	0.527909	0.774307
0.633544	0.593058	0.633428	0.843574	0.562458	0.759422	0.635238	0.587029	0.590152	0.688439
0.446954	0.430541	0.487918	0.595003	0.682976	0.642837	0.6165	0.681354	0.561988	0.631245
0.455424	0.627929	0.560047	0.436515	0.55062	0.495594	0.315083	0.403096	0.526231	0.500648
0.554241	0.654346	0.456617	0.416807	0.679336	0.556509	0.553977	0.430757	0.615104	0.67313
0.648849	0.582351	0.619606	0.650473	0.588128	0.611417	0.635238	0.66356	0.771729	0.518107
0.487208	0.533306	0.601166	0.874848	0.651265	0.466192	0.520863	0.503105	0.570247	0.543965
0.568801	0.785887	0.638864	0.666702	0.53735	0.598038	0.594643	0.519475	0.443404	0.504555
0.270239	0.44924	0.548345	0.707543	0.689111	0.654221	0.540085	0.587029	0.453199	0.618816
0.484913	0.493923	0.519984	0.419473	0.629184	0.490026	0.612443	0.573595	0.675633	0.720779
0.554241	0.486149	0.550125	0.307542	0.529578	0.455843	0.629951	0.482706	0.569322	0.361989
0.472135	0.431219	0.586376	0.61029	0.758653	0.668288	0.509566	0.396133	0.631859	0.532096
0.574389	0.469521	0.458058	0.6562	0.704199	0.687782	0.690769	0.465426	0.532981	0.533772
0.478853	0.312035	0.486375	0.591016	0.57368	0.445021	0.555745	0.422005	0.427777	0.489134
0.77145	0.548157	0.703628	0.635927	0.603072	0.615618	0.520046	0.547024	0.556568	0.537143
0.533279	0.547269	0.453037	0.596006	0.492677	0.486092	0.496232	0.61939	0.598971	0.69326
0.499654	0.592074	0.543049	0.635927	0.461586	0.677925	0.632058	0.60392	0.521237	0.608723
0.664712	0.637648	0.450194	0.449213	0.409251	0.742136	0.594643	0.504714	0.539837	0.603763
0.661264	0.493923	0.393799	0.40501	0.465999	0.596016	0.59271	0.576439	0.678002	0.565097
0.661264	0.554423	0.51502	0.463032	0.376762	0.402304	0.482546	0.598884	0.626554	0.60475
0.56146	0.541105	0.7435	0.582176	0.442263	0.34662	0.501673	0.687452	0.649288	0.403477
0.544508	0.628998	0.697325	0.707543	0.727863	0.576295	0.761512	0.558735	0.527909	0.570545
0.420515	0.464361	0.547458	0.441409	0.544377	0.423477	0.462079	0.596885	0.550329	0.713099
0.423816	0.475494	0.549235	0.472746	0.536479	0.50449	0.425138	0.513675	0.46322	0.641882
0.288291	0.555326	0.565556	0.500036	0.484115	0.665912	0.575685	0.508765	0.609998	0.580714
0.415935	0.478512	0.42541	0.496031	0.458668	0.449318	0.612443	0.524509	0.720374	0.67313
0.415935	0.329405	0.469016	0.592009	0.605105	0.354069	0.473656	0.420674	0.613054	0.523813

0.444862	0.343597	0.45878	0.574467	0.571789	0.437254	0.579411	0.525354	0.5163	0.440457
0.556035	0.233859	0.218954	0.39732	0.508692	0.445734	0.478078	0.67059	0.624449	0.497548
0.341369	0.334809	0.391936	0.425531	0.282926	0.423477	0.520046	0.558735	0.487033	0.459844
0.373793	0.505851	0.484071	0.40956	0.499012	0.527993	0.6165	0.554193	0.421154	0.528764
0.322071	0.37286	0.336196	0.38111	0.474962	0.544698	0.559303	0.512032	0.529593	0.531261
0.436594	0.494708	0.32437	0.392896	0.424434	0.538468	0.48706	0.470613	0.456039	0.395466
0.321024	0.387345	0.313892	0.504892	0.397096	0.458775	0.433748	0.448099	0.466856	0.300431
0.300092	0.352001	0.408994	0.404364	0.353898	0.551018	0.445272	0.611071	0.554776	0.44866
0.399336	0.27119	0.231616	0.440706	0.333264	0.38583	0.464226	0.41408	0.617163	0.521359
0.473619	0.313585	0.34168	0.430988	0.411201	0.376603	0.471462	0.439688	0.508193	0.470598
0.281076	0.320896	0.396295	0.272807	0.366647	0.464698	0.426452	0.29968	0.393156	0.520544
0.286355	0.292364	0.449486	0.347558	0.302773	0.410781	0.450802	0.420674	0.468319	0.527935
0.399336	0.353702	0.3191	0.237117	0.383435	0.390205	0.44049	0.381926	0.42711	0.60574
0.385163	0.33048	0.414833	0.433743	0.397728	0.376603	0.43576	0.405655	0.425116	0.522993
0.364445	0.391662	0.370777	0.412181	0.372569	0.410123	0.49546	0.612102	0.593072	0.635468
0.354727	0.388574	0.297636	0.359038	0.46526	0.326637	0.351151	0.490439	0.453199	0.417379
0.418547	0.457816	0.363173	0.553035	0.487986	0.326095	0.398433	0.66356	0.513852	0.369976
0.338637	0.336443	0.351164	0.396685	0.356188	0.367568	0.397817	0.436921	0.584372	0.493703
0.459722	0.379439	0.387008	0.336927	0.390212	0.477561	0.502456	0.407585	0.437222	0.459844
0.42848	0.487693	0.495715	0.40956	0.499811	0.477561	0.400287	0.307802	0.43654	0.580714
0.449759	0.335353	0.444563	0.450647	0.421755	0.499615	0.497005	0.5262	0.576781	0.443174
0.387594	0.377035	0.295646	0.413498	0.588128	0.419427	0.390489	0.422672	0.518761	0.550023
0.681177	0.561697	0.37612	0.525728	0.561536	0.425515	0.383879	0.579302	0.599962	0.499871
0.433873	0.508276	0.462408	0.541374	0.379783	0.545595	0.523322	0.706275	0.531284	0.459137
0.321547	0.366965	0.450903	0.513106	0.342623	0.36519	0.435088	0.685002	0.639398	0.516491
0.314793	0.548157	0.504457	0.227989	0.359646	0.431	0.558411	0.50633	0.480956	0.580714
0.385163	0.411314	0.471986	0.479602	0.400262	0.295753	0.417984	0.394879	0.629729	0.512476
0.343017	0.377635	0.422741	0.468236	0.382824	0.362825	0.402771	0.366993	0.468319	0.588262
0.383347	0.492357	0.473478	0.346992	0.463052	0.516082	0.425138	0.426023	0.432474	0.476444
0.556934	0.445716	0.341128	0.367851	0.592063	0.400371	0.344565	0.521985	0.503401	0.334078
0.3925	0.365212	0.608245	0.587065	0.507064	0.489236	0.629951	0.704994	0.575842	0.562399
0.315825	0.27166	0.513378	0.536971	0.361386	0.453657	0.618542	0.513675	0.443404	0.400996
0.36099	0.473245	0.637771	0.418138	0.386502	0.50777	0.464226	0.340789	0.470522	0.41931
0.367927	0.442917	0.510927	0.553946	0.572734	0.475264	0.413492	0.514499	0.567477	0.583529
0.345776	0.46878	0.450194	0.488914	0.543492	0.433074	0.383879	0.465426	0.469787	0.457021
0.40059	0.60202	0.482542	0.455704	0.544377	0.602111	0.507183	0.446686	0.485506	0.513276
0.371437	0.471752	0.570201	0.530018	0.556954	0.476794	0.402149	0.564248	0.47422	0.404099
0.432518	0.328868	0.340027	0.438606	0.316178	0.375995	0.431081	0.67059	0.584372	0.608723
0.487975	0.437373	0.460953	0.501649	0.39458	0.399729	0.469278	0.623611	0.4318	0.499095
0.454001	0.58139	0.574896	0.666702	0.472704	0.604162	0.576614	0.454516	0.484744	0.648391
0.534132	0.501838	0.564633	0.672649	0.75289	0.676709	0.500892	0.456676	0.399988	0.401615
0.468447	0.601015	0.456617	0.357876	0.450745	0.463954	0.499333	0.437611	0.315494	0.273794
0.481116	0.445014	0.549235	0.420812	0.636785	0.50942	0.519231	0.487329	0.454617	0.316929
0.314277	0.415878	0.468277	0.569717	0.581326	0.547395	0.737974	0.715346	0.645966	0.467704
0.439333	0.438752	0.487146	0.554858	0.419093	0.412761	0.497005	0.55239	0.46322	0.442493
0.30662	0.388574	0.530937	0.463771	0.433257	0.4121	0.539231	0.489659	0.407566	0.588262
0.528193	0.67408	0.62806	0.535222	0.488764	0.607257	0.573834	0.352556	0.643766	0.66397

0.353035	0.482314	0.548345	0.711453	0.629184	0.579197	0.653711	0.546136	0.471998	0.469873
0.187837	0.473993	0.359707	0.287354	0.374361	0.414086	0.408414	0.450228	0.265417	0.45843
0.413987	0.517287	0.421413	0.338034	0.41843	0.361647	0.357839	0.508765	0.227198	0.456318
0.552455	0.595034	0.513378	0.433743	0.678129	0.624144	0.600496	0.664724	0.515482	0.548284
0.461164	0.408728	0.455899	0.444939	0.496626	0.505308	0.58601	0.542603	0.489334	0.434404
0.446256	0.47927	0.563712	0.509802	0.446483	0.486092	0.563792	0.392382	0.47422	0.505341
0.554241	0.529884	0.49258	0.528297	0.43739	0.547395	0.517605	0.499903	0.554776	0.469149
0.404376	0.520611	0.4646	0.550316	0.491892	0.527993	0.565601	0.415391	0.507391	0.388802
0.241435	0.528183	0.503655	0.394786	0.507877	0.546494	0.43576	0.42001	0.532981	0.388802
0.432518	0.493923	0.487146	0.535222	0.779448	0.612464	0.458523	0.568896	0.52041	0.526282
0.390654	0.439443	0.550125	0.628292	0.608171	0.548298	0.471462	0.513675	0.515482	0.607726
0.327346	0.435998	0.577738	0.600039	0.53561	0.483749	0.515178	0.511213	0.490103	0.422547
0.391268	0.434627	0.662466	0.457159	0.478753	0.590005	0.555745	0.525354	0.444096	0.479397
0.451875	0.497863	0.629128	0.625061	0.529578	0.499615	0.657053	0.631096	0.577723	0.457725
0.477351	0.583313	0.500462	0.469734	0.496626	0.421447	0.437106	0.466163	0.513852	0.454216
0.429151	0.533306	0.474226	0.445648	0.43739	0.498002	0.385672	0.475108	0.560174	0.409111
0.412694	0.386119	0.455182	0.461556	0.463052	0.522848	0.512764	0.428045	0.401242	0.526282
0.411404	0.339181	0.42541	0.589036	0.398993	0.482971	0.551338	0.432119	0.533832	0.496006
0.287322	0.443615	0.498082	0.71408	0.513614	0.405545	0.526624	0.472855	0.584372	0.619838
0.382142	0.612199	0.40133	0.667885	0.605105	0.560209	0.551338	0.531313	0.676816	0.526282
0.372025	0.475494	0.163204	0.352114	0.45577	0.456574	0.522501	0.597883	0.508997	0.43843
0.335381	0.478512	0.450903	0.360203	0.454328	0.545595	0.438456	0.649831	0.670935	0.541394
0.672867	0.53589	0.582516	0.487348	0.474962	0.4745	0.537529	0.624672	0.587252	0.416737
0.65898	0.44924	0.558226	0.418805	0.439472	0.469949	0.41477	0.422672	0.62761	0.395466
0.456138	0.492357	0.559136	0.545822	0.356188	0.438656	0.53668	0.533031	0.540702	0.556167
0.570655	0.733827	0.648823	0.655048	0.419757	0.64509	0.54094	0.474356	0.628668	0.553523
0.695805	0.480789	0.369598	0.63046	0.596034	0.660027	0.567417	0.572651	0.514666	0.484613
0.555137	0.549938	0.513378	0.523174	0.515267	0.497198	0.567417	0.479651	0.50579	0.455616
0.607489	0.693511	0.589294	0.410214	0.551519	0.525413	0.480306	0.472106	0.425779	0.450735
0.514913	0.596025	0.571136	0.595003	0.68542	0.612464	0.705524	0.323451	0.411405	0.464114
0.464063	0.540231	0.579643	0.548513	0.571789	0.573413	0.761512	0.388662	0.41788	0.418022
0.378544	0.511531	0.660163	0.657354	0.463052	0.64509	0.747512	0.562402	0.388254	0.627062
0.370264	0.440136	0.566481	0.703667	0.533015	0.669481	0.579411	0.572651	0.672105	0.818878
0.321024	0.343043	0.481779	0.527439	0.429842	0.535825	0.515985	0.612102	0.569322	0.494469
0.304601	0.603027	0.543927	0.334721	0.402173	0.596016	0.472923	0.432802	0.564724	0.486115
0.697046	0.717774	0.433515	0.436515	0.57368	0.596016	0.571991	0.57077	0.723	0.61374
0.654448	0.521446	0.632349	0.494439	0.420422	0.544698	0.576614	0.541724	0.568398	0.45843
0.62609	0.505045	0.291202	0.402431	0.401535	0.495594	0.653711	0.574541	0.35938	0.536298
0.492609	0.575672	0.367836	0.489699	0.507877	0.626302	0.603452	0.527048	0.410763	0.695691
0.54979	0.490797	0.484838	0.514768	0.454328	0.552841	0.621624	0.865611	0.605955	0.611726
0.420515	0.591092	0.607226	0.518111	0.533878	0.721453	0.58696	0.630019	0.548562	0.423849
0.501236	0.642038	0.484071	0.444423	0.599037	0.553755	0.735287	0.471359	0.526231	0.449351
0.425809	0.486149	0.538684	0.547614	0.595038	0.542017	0.701788	0.498312	0.433825	0.538839
0.486442	0.53936	0.569268	0.758423	0.564309	0.597026	0.562891	0.525354	0.478699	0.559717
0.419858	0.48692	0.618561	0.492853	0.411201	0.536705	0.558411	0.538226	0.517939	0.550023
0.775899	0.497072	0.354561	0.557605	0.55242	0.464698	0.535833	0.620442	0.662834	0.592086
0.563284	0.495494	0.404507	0.502457	0.444368	0.404246	0.388677	0.444575	0.543306	0.607726

0.452582	0.725726	0.560961	0.447783	0.457217	0.502859	0.388677	0.410172	0.515482	0.658342
0.621887	0.606063	0.622757	0.580236	0.650134	0.579197	0.728641	0.61939	0.578667	0.507706
0.478853	0.34862	0.488691	0.688502	0.49742	0.641715	0.500111	0.60392	0.493972	0.536298
0.451169	0.354839	0.402598	0.571611	0.585199	0.456574	0.553977	0.555098	0.459615	0.558827
0.355293	0.359419	0.462408	0.575423	0.553323	0.606223	0.62681	0.613136	0.588217	0.728597
0.412048	0.429863	0.452324	0.48114	0.39458	0.425515	0.520863	0.353693	0.321722	0.461263
0.475108	0.573782	0.51256	0.42621	0.351619	0.496395	0.47439	0.360581	0.419841	0.583529
0.456852	0.482314	0.473478	0.620789	0.559698	0.675496	0.636303	0.678939	0.777663	0.667382
0.331077	0.482314	0.455899	0.61029	0.622772	0.570549	0.608424	0.724611	0.608983	0.694474
0.587714	0.614263	0.544807	0.524024	0.482576	0.362235	0.367494	0.537356	0.492421	0.504555
0.406918	0.499448	0.645478	0.514768	0.557867	0.371761	0.705524	0.685002	0.453199	0.731234
0.638949	0.64759	0.486375	0.398592	0.617501	0.573413	0.583169	0.729995	0.823294	0.74878
0.544508	0.483078	0.496503	0.402431	0.503019	0.471461	0.310022	0.477374	0.500235	0.565097
0.418547	0.518946	0.49102	0.481911	0.466739	0.465445	0.412217	0.468382	0.442023	0.602778
0.434551	0.592074	0.488691	0.569717	0.491108	0.541127	0.568328	0.650959	0.569322	0.653891
0.556934	0.53849	0.419428	0.492853	0.529578	0.482194	0.414131	0.474356	0.621312	0.472781
0.511656	0.417191	0.605197	0.615508	0.450745	0.395258	0.42711	0.511213	0.503401	0.489134
0.500444	0.438062	0.656729	0.609254	0.583258	0.461726	0.36692	0.489659	0.628668	0.612732
0.364445	0.480789	0.332398	0.496031	0.433257	0.483749	0.398433	0.457399	0.532981	0.514077
0.276803	0.460713	0.51502	0.397955	0.37019	0.533199	0.575685	0.516152	0.358241	0.641882
0.354163	0.627929	0.648823	0.637029	0.6346	0.674286	0.688358	0.707559	0.574904	0.553523
0.449759	0.431219	0.491799	0.514768	0.643408	0.534073	0.488576	0.611071	0.497876	0.391213
0.481873	0.314622	0.40387	0.508159	0.619602	0.594003	0.662683	0.677737	0.543306	0.478657
0.452582	0.421816	0.645478	0.599027	0.61541	0.613513	0.604442	0.697389	0.390086	0.433737
0.560551	0.58139	0.453751	0.442113	0.596034	0.561139	0.49546	0.564248	0.704942	0.548284
0.554241	0.432579	0.399435	0.457159	0.335448	0.422123	0.561991	0.436921	0.334453	0.565097
0.57721	0.457816	0.546573	0.595003	0.421755	0.568651	0.457109	0.497518	0.482467	0.739244
0.555137	0.570963	0.641057	0.843574	0.446483	0.501234	0.484797	0.612102	0.685185	0.727284
0.527351	0.457095	0.466802	0.681113	0.614368	0.47833	0.425795	0.632176	0.519585	0.480138
0.502823	0.444314	0.518323	0.673848	0.736046	0.522848	0.646009	0.630019	0.523727	0.472781
0.455424	0.512349	0.49258	0.45862	0.628108	0.649632	0.633116	0.490439	0.596996	0.609722
0.581953	0.504241	0.4646	0.441409	0.458668	0.42688	0.546108	0.592916	0.470522	0.533772
0.477351	0.329942	0.45878	0.449929	0.373165	0.460987	0.603452	0.544366	0.442713	0.511677
0.654448	0.54198	0.548345	0.529156	0.487209	0.506948	0.487817	0.522825	0.605955	0.588262
0.538425	0.543736	0.367836	0.515602	0.57368	0.444309	0.436432	0.407585	0.552102	0.588262
0.388205	0.554423	0.486375	0.554858	0.563382	0.415415	0.416696	0.346913	0.439959	0.342103
0.568801	0.653212	0.541298	0.806182	0.579401	0.560209	0.553977	0.446686	0.466126	0.465546
0.485677	0.61323	0.622757	0.618669	0.586173	0.669481	0.504026	0.622552	0.665133	0.705553
0.437961	0.396022	0.362593	0.568773	0.460124	0.437254	0.539231	0.551491	0.424453	0.608723
0.518195	0.465095	0.528384	0.673848	0.690349	0.456574	0.636303	0.528749	0.483984	0.576989
0.594533	0.627929	0.542173	0.6539	0.717186	0.648492	0.737974	0.707559	0.710025	0.630195
0.346885	0.575672	0.566481	0.552127	0.455049	0.542909	0.413492	0.436231	0.549444	0.511677
0.486442	0.478512	0.228629	0.526582	0.593052	0.60007	0.340768	0.265834	0.508997	0.505341
0.564198	0.56538	0.404507	0.595003	0.607146	0.638366	0.589826	0.607992	0.52456	0.557052
0.698291	0.584278	0.509301	0.422155	0.481043	0.624144	0.561991	0.604935	0.573036	0.62189
0.558739	0.459987	0.273395	0.520635	0.511146	0.540239	0.646009	0.516152	0.557466	0.55177
0.618761	0.490019	0.541298	0.698553	0.567099	0.554671	0.648195	0.55329	0.637231	0.837058

0.562371	0.657764	0.661313	0.519792	0.421755	0.483749	0.502456	0.561482	0.697428	0.736558
0.654448	0.793637	0.654456	0.487348	0.427806	0.654221	0.666096	0.660087	0.658271	0.72467
0.704571	0.585245	0.544807	0.605134	0.572734	0.482194	0.370375	0.634344	0.791318	0.904477
0.478101	0.545499	0.687426	0.455704	0.457942	0.50942	0.653711	0.657786	0.668605	0.943644
0.393735	0.491576	0.370187	0.478835	0.511967	0.409466	0.550462	0.561482	0.559269	0.490652
0.525672	0.474743	0.400698	0.662003	0.527869	0.420773	0.573834	0.55329	0.530437	0.486868
0.641129	0.811191	0.710024	0.720717	0.711945	0.677925	0.539231	0.502302	0.575842	0.79068
0.506014	0.701027	0.74211	0.520635	0.44719	0.669481	0.522501	0.664724	0.526231	0.575138
0.725297	0.640937	0.436251	0.503267	0.540849	0.527131	0.454997	0.531313	0.621312	0.527935
0.457568	0.548157	0.584442	0.623989	0.498215	0.542017	0.561991	0.616252	0.740467	0.743305
0.473619	0.465095	0.311312	0.429618	0.383435	0.498807	0.429753	0.492786	0.498661	0.490652
0.449759	0.481551	0.304167	0.503267	0.584228	0.442181	0.350599	0.514499	0.515482	0.339948
0.596501	0.757635	0.599165	0.571611	0.515267	0.654221	0.426452	0.479651	0.491647	0.588262
0.56146	0.522282	0.754781	0.547614	0.507064	0.565819	0.417984	0.448808	0.693718	0.772849
0.631401	0.624737	0.619606	0.587065	0.616454	0.531456	0.609425	0.441776	0.58533	0.757123
0.395594	0.501838	0.593216	0.645945	0.546151	0.433768	0.747512	0.564248	0.665133	0.546551
0.431843	0.566305	0.436937	0.48813	0.507877	0.649632	0.701788	0.561482	0.5163	0.548284
0.57721	0.444314	0.360283	0.628292	0.61855	0.534073	0.500111	0.588982	0.590152	0.491413
0.738772	0.507466	0.478742	0.664347	0.695334	0.563005	0.570156	0.523666	0.46322	0.496776
0.422493	0.608098	0.573012	0.397955	0.421755	0.483749	0.476599	0.57171	0.538974	0.505341
0.394353	0.555326	0.656729	0.472746	0.491892	0.670677	0.491622	0.572651	0.570247	0.669672
0.676409	0.642038	0.520817	0.492853	0.719831	0.63948	0.515985	0.680145	0.735017	0.713099
0.457568	0.476247	0.511743	0.444423	0.428484	0.637255	0.450802	0.681354	0.676816	0.695691
0.601461	0.550831	0.32384	0.418805	0.419093	0.496395	0.392918	0.655499	0.577723	0.538839
0.700792	0.623678	0.546573	0.583149	0.514439	0.433768	0.521681	0.813357	0.716464	0.69205
0.461164	0.459262	0.566481	0.584125	0.505441	0.571502	0.827455	0.723275	0.899249	0.784654
0.342467	0.462898	0.525005	0.686025	0.578443	0.533199	0.647101	0.564248	0.567477	0.454916
0.36329	0.536755	0.546573	0.463032	0.755762	0.538468	0.502456	0.51698	0.681578	0.62189
0.402479	0.417191	0.574896	0.703667	0.465999	0.508594	0.579411	0.637616	0.661689	0.77577
0.374384	0.499448	0.44247	0.414158	0.473456	0.442181	0.465664	0.578345	0.602948	0.671974
0.460442	0.585245	0.522487	0.567831	0.525319	0.489236	0.486305	0.574541	0.596011	0.43843
0.620842	0.608098	0.618561	0.54049	0.55242	0.732361	0.803298	0.704994	0.620271	0.640806
0.303595	0.450657	0.601166	0.516436	0.457217	0.524556	0.705524	0.573595	0.538974	0.733888
0.342467	0.572841	0.555509	0.516436	0.487209	0.560209	0.550462	0.585084	0.514666	0.660584
0.537563	0.490797	0.604186	0.71408	0.499012	0.486876	0.561093	0.5262	0.686394	0.695691
0.419202	0.459262	0.532646	0.439305	0.556044	0.590005	0.518417	0.483473	0.49475	0.531261
0.589651	0.525644	0.553707	0.468984	0.533015	0.454384	0.561991	0.529602	0.662834	0.528764
0.56146	0.639838	0.593216	0.530881	0.417767	0.594003	0.526624	0.567963	0.527909	0.578847
0.380939	0.584278	0.533504	0.597011	0.468223	0.732361	0.611435	0.442474	0.336071	0.57146
0.347441	0.530737	0.546573	0.657354	0.417767	0.661198	0.722095	0.475862	0.292902	0.575138
0.383347	0.415878	0.549235	0.576381	0.656965	0.469195	0.551338	0.894302	0.676816	0.671974
0.346885	0.483078	0.398805	0.376242	0.450745	0.531456	0.570156	0.614172	0.462497	0.435073
0.646629	0.473993	0.460227	0.530881	0.579401	0.631744	0.524145	0.435543	0.49553	0.647299
0.474363	0.493923	0.487918	0.516436	0.619602	0.564879	0.545242	0.617296	0.785196	0.665104
0.341369	0.306396	0.465333	0.651612	0.607146	0.441473	0.490858	0.680145	0.530437	0.479397
0.115661	0.30234	0.514199	0.551221	0.386502	0.544698	0.568328	0.563324	0.370934	0.440457
0.293169	0.221956	0.452324	0.559447	0.603072	0.65192	0.647101	0.616252	0.487033	0.641882

0.289749	0.306905	0.470498	0.413498	0.446483	0.592	0.473656	0.435543	0.492421	0.476444
0.510037	0.544617	0.576789	0.48813	0.502215	0.642837	0.64492	0.469124	0.382204	0.495237
0.419202	0.498655	0.516669	0.525728	0.475718	0.288736	0.43576	0.728643	0.724319	0.739244
0.534988	0.438752	0.540425	0.518111	0.527869	0.321246	0.366347	0.642018	0.658271	0.531261
0.30662	0.454222	0.616478	0.662003	0.442963	0.518607	0.352259	0.567031	0.510609	0.57146
0.566033	0.509088	0.408351	0.416807	0.476474	0.603135	0.382688	0.514499	0.576781	0.62189
0.322596	0.483078	0.485606	0.54226	0.468223	0.464698	0.479562	0.401821	0.421812	0.428435
0.283947	0.53589	0.526691	0.356718	0.373763	0.551018	0.603452	0.581221	0.390086	0.658342
0.548022	0.410019	0.422741	0.48037	0.711945	0.768331	0.629951	0.604935	0.692489	0.850774
0.683581	0.406798	0.477232	0.534351	0.667419	0.685296	0.635238	0.503105	0.660546	0.484613
0.455424	0.176227	0.456617	0.505706	0.505441	0.466941	0.481798	0.601899	0.432474	0.434404
0.420515	0.240372	0.275759	0.415481	0.686647	0.714771	0.729962	0.708847	0.640486	0.569633
0.232385	0.218198	0.421413	0.56037	0.489544	0.541127	0.538379	0.658935	0.905219	0.912435
0.222685	0.291871	0.613372	0.488914	0.533878	0.416082	0.459942	0.607992	0.430455	0.597885
0.582908	0.76636	0.571136	0.640351	0.575579	0.551018	0.666096	0.575489	0.549444	0.856032
0.682378	0.572841	0.378516	0.574467	0.495833	0.356968	0.520046	0.562402	0.693718	0.840447
0.585785	0.35427	0.31441	0.500842	0.564309	0.333748	0.391095	0.443173	0.626554	0.525457
0.703307	0.640937	0.338929	0.375637	0.571789	0.476028	0.619567	0.585084	0.641577	0.556167
0.494165	0.408728	0.288753	0.503267	0.580362	0.564879	0.468553	0.665891	0.631859	0.739244
0.436594	0.347499	0.452324	0.571611	0.445072	0.388325	0.593675	0.74236	0.35995	0.51488
0.60547	0.605048	0.588319	0.678678	0.566167	0.724154	0.800176	0.698647	0.527069	0.684858
0.399336	0.493923	0.404507	0.50898	0.784036	0.785153	0.757265	0.655499	0.707476	0.904477
0.518195	0.429187	0.347233	0.650473	0.705481	0.495594	0.481798	0.704994	0.703681	0.565097
0.654448	0.543736	0.560047	0.614459	0.66158	0.613513	0.582227	0.768198	0.559269	0.534612
0.359845	0.386732	0.472731	0.514768	0.621713	0.801033	0.648195	0.530457	0.723	0.716922
0.218122	0.26559	0.691112	0.518111	0.376161	0.487661	0.470005	0.412774	0.607972	0.562399
0.669353	0.590112	0.621704	0.489699	0.625966	0.570549	0.740678	0.646465	0.527909	0.512476
0.633544	0.694755	0.360283	0.391013	0.53561	0.490026	0.452196	0.547914	0.593072	0.807694
0.469918	0.429187	0.457337	0.418138	0.531293	0.419427	0.274767	0.435543	0.566557	0.680129
0.285391	0.452793	0.568337	0.578304	0.419093	0.498807	0.41477	0.648706	0.564724	0.474242
0.484913	0.46878	0.412878	0.394155	0.512789	0.63948	0.569241	0.55329	0.552992	0.630195
0.429822	0.133487	0.380925	0.481911	0.526168	0.3877	0.408414	0.491219	0.471998	0.678954
0.444862	0.37286	0.493361	0.541374	0.636785	0.436554	0.718215	0.55239	0.41788	0.477918
0.427811	0.376437	0.303661	0.320121	0.433257	0.470704	0.460653	0.554193	0.707476	0.456318
0.705837	0.622622	0.339478	0.308576	0.429163	0.515244	0.322785	0.410821	0.537253	0.474242
0.562371	0.499448	0.422077	0.525728	0.553323	0.537585	0.33754	0.436921	0.474963	0.500648
0.340821	0.450657	0.456617	0.47578	0.543492	0.63394	0.622656	0.738199	0.665133	0.728597
0.60547	0.478512	0.446666	0.505706	0.477233	0.250679	0.399668	0.632176	0.514666	0.547416
0.576267	0.383678	0.500462	0.526582	0.503019	0.354069	0.36922	0.625736	0.487799	0.29025
0.510846	0.456375	0.337834	0.43582	0.524473	0.521997	0.629951	0.503105	0.501815	0.407852
0.42848	0.472498	0.338929	0.151661	0.29873	0.491609	0.487817	0.524509	0.538113	0.735221
0.563284	0.514811	0.469016	0.133986	0.548827	0.682826	0.537529	0.634344	0.6504	0.731234
0.507619	0.571901	0.59618	0.558525	0.708055	0.662371	0.493153	0.731352	0.687606	0.532096
0.406918	0.392282	0.439695	0.57256	0.469711	0.542909	0.653711	0.600891	0.565639	0.620863
0.382744	0.197894	0.313892	0.720717	0.571789	0.280854	0.379134	0.498312	0.604951	0.414818
0.591597	0.358269	0.439004	0.746905	0.542609	0.359886	0.476599	0.738199	0.46322	0.335139
0.440709	0.34694	0.466802	0.361371	0.433257	0.590005	0.607425	0.743756	0.64267	0.539689

0.491059	0.449948	0.394422	0.32763	0.556044	0.544698	0.507976	0.484241	0.47945	0.634409
0.501236	0.506658	0.40133	0.446359	0.498215	0.50449	0.618542	0.422672	0.467587	0.619838
0.318937	0.519777	0.434197	0.423502	0.371973	0.518607	0.464944	0.29468	0.230152	0.426464
0.609516	0.51646	0.346675	0.63046	0.709348	0.517764	0.413492	0.455955	0.451786	0.417379
0.463336	0.567233	0.501258	0.669071	0.495833	0.463954	0.397817	0.636523	0.58151	0.354147
0.242743	0.425151	0.510113	0.437908	0.499811	0.465445	0.500111	0.664724	0.622355	0.317949
0.40501	0.537621	0.519153	0.396685	0.514439	0.45804	0.496232	0.463222	0.556568	0.334608
0.608501	0.60202	0.447369	0.444939	0.66158	0.587031	0.414131	0.281462	0.529593	0.587311
0.484151	0.506658	0.525005	0.298847	0.386502	0.466941	0.49546	0.489659	0.552992	0.540541
0.437961	0.45208	0.445263	0.333075	0.468223	0.586044	0.388074	0.38743	0.308846	0.500648
0.512468	0.505045	0.404507	0.565954	0.584228	0.410781	0.309519	0.510395	0.553883	0.533772
0.661264	0.56538	0.475726	0.524024	0.489544	0.527993	0.467106	0.597883	0.483225	0.442493
0.393735	0.414569	0.511743	0.442817	0.356188	0.399087	0.427769	0.384975	0.535539	0.545687
0.326286	0.353134	0.451613	0.278567	0.495042	0.375995	0.486305	0.318172	0.639398	0.676615
0.554241	0.597018	0.548345	0.424854	0.571789	0.527993	0.593675	0.438302	0.583415	0.562399
0.505214	0.564456	0.393177	0.346427	0.277145	0.526271	0.453594	0.46249	0.393156	0.59017
0.46479	0.478512	0.383956	0.435127	0.580362	0.476028	0.346749	0.374096	0.369181	0.50929
0.498079	0.593058	0.498874	0.735686	0.547933	0.319641	0.373858	0.528749	0.556568	0.392424
0.401849	0.525644	0.526691	0.509802	0.377365	0.327724	0.426452	0.547914	0.533832	0.431078
0.307634	0.560781	0.654456	0.471991	0.363133	0.22935	0.400907	0.265834	0.329103	0.33727
0.395594	0.510715	0.476478	0.426889	0.390833	0.429622	0.330627	0.246723	0.266797	0.33727
0.444167	0.397276	0.503655	0.522326	0.538222	0.548298	0.631004	0.51781	0.713877	0.467704
0.348554	0.184996	0.441774	0.424854	0.363133	0.395894	0.479562	0.441776	0.624449	0.626023
0.356994	0.413916	0.453751	0.440706	0.491108	0.458775	0.28987	0.330411	0.370934	0.436412
0.37085	0.445014	0.510113	0.600039	0.407309	0.42688	0.367494	0.516152	0.484744	0.433737
0.31686	0.417848	0.378516	0.462293	0.377365	0.379657	0.434418	0.418025	0.465398	0.345354
0.34633	0.402965	0.401964	0.379888	0.381605	0.413423	0.541797	0.377091	0.391926	0.28077
0.388205	0.483844	0.477232	0.370232	0.576531	0.586044	0.371533	0.311403	0.49475	0.533772
0.476602	0.475494	0.562793	0.639241	0.450032	0.34492	0.44872	0.407585	0.509802	0.459137
0.314277	0.317748	0.450903	0.478069	0.519427	0.323394	0.354483	0.319222	0.365119	0.460553
0.406918	0.394772	0.281486	0.276158	0.427806	0.418086	0.340228	0.374694	0.477949	0.450735
0.468447	0.384897	0.415486	0.430988	0.495042	0.418086	0.35504	0.466163	0.531284	0.497548
0.383347	0.419828	0.364334	0.448498	0.36606	0.399729	0.347846	0.384363	0.361093	0.400996
0.334301	0.368138	0.390699	0.370829	0.330009	0.486876	0.461365	0.360003	0.238272	0.293134
0.318937	0.526489	0.51502	0.468984	0.395837	0.585059	0.415411	0.339685	0.501025	0.412907
0.431168	0.578522	0.590271	0.57256	0.367825	0.38895	0.451498	0.472855	0.493196	0.495237
0.437277	0.356551	0.290221	0.443523	0.416446	0.437254	0.437106	0.380712	0.426444	0.384018
0.494945	0.392903	0.32384	0.421483	0.483345	0.362825	0.245182	0.405655	0.410122	0.295068
0.552455	0.473993	0.325964	0.434434	0.402811	0.453657	0.2947	0.524509	0.401242	0.327763
0.279647	0.293845	0.215639	0.358457	0.280508	0.337069	0.427769	0.433486	0.330168	0.348631
0.330542	0.381856	0.329706	0.225416	0.198957	0.469195	0.445959	0.307802	0.360521	0.375189
0.419858	0.484611	0.487146	0.468984	0.344296	0.375995	0.364632	0.334751	0.428445	0.310857
0.270239	0.257324	0.365498	0.401789	0.297224	0.258956	0.400287	0.35655	0.312925	0.222504
0.256048	0.351436	0.266843	0.251406	0.365473	0.379045	0.307514	0.22375	0.269106	0.367107
0.461164	0.432579	0.262682	0.267592	0.4099	0.348328	0.25838	0.364067	0.347015	0.375189
0.281076	0.288436	0.366081	0.36904	0.303281	0.325013	0.467106	0.32665	0.354842	0.387002
0.285873	0.293845	0.398805	0.386653	0.240012	0.253879	0.356718	0.343562	0.343703	0.342643

0.277276	0.449948	0.380925	0.304453	0.235641	0.436554	0.402149	0.350855	0.398115	0.435073
0.355859	0.365796	0.547458	0.530018	0.323038	0.434463	0.533302	0.399284	0.315494	0.407852
0.391883	0.410019	0.405785	0.328171	0.22575	0.372363	0.397817	0.353124	0.439959	0.391818
0.248459	0.290395	0.266378	0.156013	0.297224	0.265505	0.340228	0.288266	0.434502	0.325678
0.333762	0.362306	0.391936	0.181916	0.297224	0.391462	0.407783	0.333662	0.357105	0.404099
0.266532	0.290887	0.318576	0.291317	0.250237	0.220762	0.30502	0.338584	0.361666	0.402855
0.341369	0.301836	0.251779	0.323323	0.337094	0.257103	0.275231	0.37231	0.25141	0.403477
0.206315	0.255508	0.35513	0.316414	0.315132	0.37357	0.346202	0.317647	0.254533	0.404099
0.382744	0.250553	0.351164	0.400507	0.320387	0.263155	0.282725	0.339134	0.369181	0.357491
0.245372	0.270252	0.283412	0.170464	0.220257	0.246149	0.257488	0.153357	0.246986	0.316419
0.281553	0.387345	0.330781	0.236678	0.278583	0.293234	0.345656	0.337485	0.322769	0.300922
0.415935	0.515635	0.37612	0.392267	0.33055	0.27072	0.302046	0.386201	0.295355	0.338875
0.713517	0.628998	0.497292	0.49843	0.460124	0.340977	0.354483	0.340789	0.274699	0.306358
0.90317	0.67408	0.750516	0.562224	0.435319	0.564879	0.563792	0.403734	0.375052	0.432405
0.674044	1.213189	0.932303	0.824476	0.592063	0.724154	0.578477	0.405014	0.561988	0.540541
0.838318	0.893419	1.614405	2.203601	1.013705	1.141802	1.199893	0.658935	0.724319	0.67313
1.393191	1.256361	1.288209	1.192992	1.187824	2.168557	1.751443	1.200023	1.410224	0.989086
1.256553	1.341317	1.097775	1.320057	1.190408	1.182657	1.173389	1.134793	1.125144	1.664106
0.93209	1.284486	0.965813	0.947336	1.186532	1.581454	1.096196	1.115494	1.120319	1.141921
0.909182	2.014986	1.286879	2.561927	1.242529	1.219158	1.256025	2.209071	1.158698	1.213523
0.810001	0.836333	1.706175	1.289272	1.195786	1.292893	2.280482	1.197078	2.411251	1.268347
0.901176	0.921883	0.817699	1.165176	1.73748	1.206674	1.13813	1.240191	1.275825	2.726393
1.425223	1.201032	1.208271	2.561927	2.25999	1.581454	1.041367	1.965567	1.283303	1.279564
0.781904	0.866706	0.994616	1.002542	0.734671	0.74497	0.944603	0.769679	0.824957	1.827245
0.541891	0.784353	0.870298	0.776293	0.695334	1.156218	0.96231	1.126637	1.07273	2.612048
0.614628	1.082819	1.165772	0.980097	1.147039	0.910862	0.971442	1.684075	1.281256	1.018823
1.063253	0.583313	0.74211	3.006863	1.460884	0.809196	0.880217	1.130026	2.351336	1.432485
1.256553	0.760524	0.549235	0.692244	0.973842	1.029925	0.767241	0.736821	1.251037	1.1292
0.88747	1.274907	0.923787	0.796519	0.976229	1.249915	1.05515	1.188193	0.736374	0.866741
0.648849	0.652082	0.72178	1.002542	1.246225	0.902609	0.953366	1.418844	0.726969	0.850774
0.499654	0.543736	0.763438	0.954151	1.303301	0.606223	0.736629	0.937946	0.743218	0.968047
0.542761	0.45208	0.708738	0.894354	1.446511	0.869189	1.418526	2.070472	2.995685	1.631371
0.758369	0.879857	0.965813	1.168914	1.639026	1.340595	0.938145	0.701175	0.866889	0.887089
0.829796	0.64759	0.807902	0.663173	0.565237	0.755036	1.002521	0.823317	0.748773	0.92054
0.621887	0.570028	0.817699	0.759884	0.512789	0.50449	1.285969	0.840442	1.006276	0.793724
0.672867	0.483078	0.875926	0.655048	0.872405	0.884596	0.946777	0.728643	1.189043	1.46707
0.991512	0.82779	0.593216	0.544038	0.564309	0.814168	0.609425	0.519475	1.02699	0.941493
0.907185	1.234239	0.822681	0.585103	0.669776	0.995695	0.641668	0.714038	1.884025	1.233347
1.112129	1.229946	0.744894	0.947336	1.228753	1.655746	1.006673	1.989514	0.823294	0.593047
1.040734	0.760524	0.938801	0.92751	0.689111	0.48531	1.017651	1.363041	0.962993	0.550895
0.744281	0.897373	0.431474	0.761351	1.432599	0.912949	0.755858	1.060965	0.991364	0.84558
1.481963	1.151963	0.938801	1.023516	1.00085	1.013791	0.944603	0.550594	0.764424	0.627062
1.182147	0.985106	1.055811	0.648203	0.722492	0.606223	0.637371	0.536487	0.624449	0.575138
0.572518	0.625798	0.538684	0.37443	0.404733	0.542017	0.501673	0.31192	0.49553	0.57978
0.495726	0.493139	0.407708	0.433743	0.364301	0.677925	0.659297	0.604935	0.609998	0.619838
0.566033	0.775263	0.621704	0.738464	0.521102	0.404895	0.473656	0.489659	0.519585	0.491413
0.648849	0.394148	0.332939	0.455704	0.561536	0.429622	0.405897	0.342451	0.488565	0.460553

0.481873	0.37286	0.343893	0.345298	0.509508	0.369959	0.50324	0.512032	0.638313	0.60574
0.452582	0.438062	0.402598	0.311694	0.352188	0.419427	0.468553	0.481176	0.538113	0.410372
0.48339	0.480029	0.423407	0.316942	0.367236	0.321246	0.429091	0.498312	0.355972	0.362555
0.424479	0.503439	0.347793	0.428934	0.339849	0.263155	0.427769	0.461029	0.439959	0.545687
0.372614	0.417848	0.383348	0.471238	0.331091	0.379657	0.541797	0.622552	0.582461	0.490652
0.363867	0.43326	0.486375	0.534351	0.542609	0.305461	0.320718	0.455955	0.342056	0.314895
0.349111	0.324598	0.343338	0.440005	0.46748	0.361647	0.437781	0.463955	0.395628	0.412907
0.340821	0.23429	0.359707	0.302917	0.312528	0.435856	0.452196	0.482706	0.484744	0.506916
0.415935	0.381251	0.4646	0.434434	0.271912	0.340416	0.385672	0.371122	0.347569	0.425808
0.451169	0.460713	0.380322	0.315887	0.266741	0.326637	0.306515	0.29468	0.259035	0.338339
0.387594	0.411314	0.369598	0.272807	0.222784	0.245248	0.196455	0.421339	0.43654	0.51973
0.353598	0.367551	0.274339	0.313262	0.408603	0.453657	0.407783	0.25937	0.315494	0.481625
0.404376	0.441524	0.4795	0.295317	0.295723	0.293234	0.362356	0.253	0.291437	0.274718
0.30159	0.357123	0.310798	0.184244	0.257038	0.278419	0.27616	0.305247	0.350352	0.32257
0.245812	0.285029	0.357985	0.392896	0.33272	0.385209	0.441851	0.328258	0.323293	0.288337
0.445559	0.401694	0.360283	0.367258	0.364301	0.433074	0.483295	0.288756	0.233979	0.375189
0.30662	0.327262	0.223554	0.42757	0.388972	0.33874	0.353369	0.14377	0.323818	0.205618
0.397461	0.394148	0.313375	0.461556	0.340403	0.321246	0.280839	0.229273	0.323818	0.244364
0.36329	0.424482	0.453751	0.439305	0.301759	0.165357	0.261969	0.293687	0.264958	0.328809
0.378544	0.357123	0.377916	0.384797	0.377365	0.307014	0.299093	0.349161	0.316526	0.268748
0.322071	0.381251	0.379719	0.416807	0.397096	0.325013	0.344565	0.354834	0.458897	0.475709
0.358702	0.460713	0.430119	0.431675	0.412507	0.358133	0.43308	0.428722	0.438588	0.393031
0.382744	0.413916	0.387621	0.386653	0.479515	0.384589	0.408414	0.384975	0.292413	0.317949
0.348554	0.465095	0.393177	0.193282	0.371973	0.379657	0.430417	0.378295	0.288521	0.431741
0.41076	0.465095	0.478742	0.514768	0.45577	0.406848	0.426452	0.455235	0.49475	0.395466
0.466249	0.466565	0.446666	0.415481	0.466739	0.361059	0.447337	0.341896	0.353153	0.460553
0.461164	0.338632	0.398805	0.359038	0.426454	0.482971	0.532462	0.472106	0.322769	0.505341
0.469182	0.471007	0.667111	0.523174	0.360805	0.521997	0.595613	0.672959	0.575842	0.346444
0.466981	0.514811	0.560047	0.510626	0.404092	0.498002	0.395973	0.455235	0.561988	0.512476
0.384557	0.408084	0.465333	0.375033	0.360226	0.534073	0.342391	0.527048	0.542436	0.335671
0.450463	0.439443	0.518323	0.446359	0.711945	0.613513	0.47439	0.610042	0.583415	0.494469
0.545384	0.497863	0.572073	0.544038	0.518592	0.578227	0.490858	0.459573	0.433825	0.515685
0.449056	0.392903	0.41811	0.573512	0.496626	0.530588	0.419923	0.646465	0.500235	0.300431
0.48339	0.429187	0.42075	0.632639	0.516926	0.730982	0.573834	0.685002	0.628668	0.546551
0.524835	0.720408	0.688651	0.517273	0.433943	0.563005	0.643833	0.42001	0.614078	0.557052
0.467713	0.582351	0.536086	0.609254	0.488764	0.454384	0.646009	0.541724	0.493972	0.562399
0.439333	0.610144	0.571136	0.35441	0.682976	0.839922	0.737974	0.572651	0.762978	0.541394
0.550677	0.490019	0.614405	0.702383	0.613329	0.635042	0.770134	0.833511	0.656008	0.706802
0.644421	0.463629	0.63451	0.711453	0.507064	0.412761	0.594643	0.594896	0.737734	0.647299
0.778891	0.759077	0.64659	0.585103	0.672146	0.732361	0.532462	0.697389	0.866889	0.777239
0.840043	0.795204	0.829414	0.798115	1.191836	1.085373	1.022814	1.009052	0.522065	0.688439
0.713517	0.56538	0.602171	0.93621	0.704199	0.569599	0.773046	0.922905	0.390086	0.429094
0.767045	0.64759	0.699835	0.874848	0.692834	0.641715	0.770134	0.529602	0.493972	0.676615
0.542761	0.711256	0.936624	0.701102	0.6346	0.725511	0.70055	0.488104	0.624449	0.77577
0.780395	0.542857	0.534363	0.575423	0.548827	0.521147	0.483295	0.656641	0.523727	0.59401
0.608501	0.492357	0.526691	0.516436	0.57368	0.592	0.511962	0.473605	0.423791	0.490652
0.384557	0.558045	0.471986	0.403075	0.520264	0.566761	0.442533	0.432802	0.649288	0.699363

0.448355	0.560781	0.480258	0.466742	0.456493	0.343789	0.438456	0.436921	0.448974	0.534612
0.557836	0.341384	0.24865	0.467488	0.528723	0.384589	0.426452	0.511213	0.499447	0.368826
0.552455	0.339181	0.405785	0.354985	0.387118	0.322319	0.531623	0.461029	0.456752	0.41418
0.444862	0.301332	0.474226	0.615508	0.580362	0.45804	0.540085	0.626803	0.663982	0.428435
0.380339	0.288925	0.273866	0.408255	0.420422	0.375995	0.416696	0.315034	0.410122	0.408481
0.391268	0.324598	0.396295	0.418805	0.438083	0.427564	0.39905	0.313474	0.158498	0.344811
0.377351	0.406157	0.450903	0.382336	0.240452	0.324472	0.348395	0.172064	0.270498	0.45843
0.42848	0.384897	0.40133	0.34305	0.318277	0.429622	0.490096	0.405014	0.350352	0.45843
0.333762	0.371083	0.313375	0.267592	0.388353	0.393989	0.192215	0.327185	0.320678	0.404723
0.297607	0.334809	0.240268	0.300877	0.345414	0.362825	0.373858	0.383753	0.43586	0.317949
0.498079	0.448533	0.335108	0.42757	0.402173	0.33874	0.410311	0.357698	0.266336	0.353038
0.370264	0.339181	0.341128	0.35962	0.364301	0.362825	0.329048	0.386815	0.424453	0.366535
0.337006	0.23819	0.358558	0.275198	0.308908	0.302372	0.31103	0.393628	0.370934	0.357491
0.389427	0.315142	0.363753	0.296323	0.338194	0.371761	0.457816	0.327185	0.27423	0.315403
0.347997	0.28746	0.359707	0.267121	0.349918	0.337625	0.329048	0.306778	0.284185	0.354702
0.299594	0.339731	0.379117	0.30651	0.356188	0.45804	0.318147	0.228846	0.300303	0.368252
0.412048	0.254603	0.287777	0.362542	0.31461	0.31592	0.286521	0.390518	0.270962	0.344268
0.378544	0.348059	0.355699	0.339699	0.288294	0.305461	0.238304	0.365235	0.284185	0.296038
0.319979	0.296327	0.247315	0.334172	0.326242	0.319641	0.313051	0.265369	0.292902	0.302398
0.27304	0.252348	0.265915	0.416143	0.374361	0.332646	0.369797	0.295676	0.36224	0.266474
0.314793	0.274964	0.283412	0.38295	0.380997	0.413423	0.403395	0.280498	0.287071	0.243072
0.316342	0.221537	0.284378	0.411524	0.301253	0.306496	0.429091	0.327721	0.219694	0.375772
0.286839	0.171348	0.284862	0.295317	0.359068	0.34947	0.25838	0.384363	0.313437	0.251318
0.404376	0.478512	0.416141	0.363716	0.421088	0.441473	0.207836	0.263977	0.388864	0.265115
0.341917	0.359419	0.35513	0.312216	0.354469	0.336514	0.298602	0.307802	0.405026	0.454216
0.298103	0.313068	0.327564	0.329256	0.417767	0.380271	0.461365	0.466163	0.522895	0.657225
0.36099	0.344709	0.463868	0.416143	0.440168	0.400371	0.489335	0.274763	0.543306	0.645124
0.317897	0.275438	0.445964	0.45862	0.453609	0.465445	0.587913	0.516152	0.710025	0.703066
0.449056	0.258691	0.375523	0.603089	0.518592	0.495594	0.539231	0.623611	0.473478	0.463399
0.376162	0.551727	0.526691	0.639241	0.499012	0.48531	0.448028	0.546136	0.414631	0.550023
0.591597	0.540231	0.580598	0.442113	0.516926	0.610373	0.500892	0.396133	0.721685	0.626023
0.762685	0.688571	0.749104	0.56037	0.681759	0.595008	0.614467	0.616252	0.743218	0.557938
0.612576	0.497072	0.66828	0.644821	0.55062	0.350615	0.535833	0.616252	0.314979	0.43978
0.620842	0.598014	0.555509	0.697284	0.503019	0.414086	0.50324	0.54525	0.369181	0.41418
0.523165	0.61117	0.522487	0.570663	0.333809	0.540239	0.517605	0.417365	0.333378	0.341563
0.521502	0.455656	0.406425	0.502457	0.354469	0.385209	0.346749	0.453082	0.379807	0.230782
0.338637	0.383678	0.329169	0.318528	0.280026	0.293234	0.298602	0.382534	0.335531	0.335139
0.423816	0.343597	0.277659	0.344735	0.324103	0.287743	0.22777	0.323451	0.291437	0.352485
0.401849	0.337536	0.374331	0.386653	0.348224	0.356386	0.314574	0.350855	0.441334	0.67545
0.366182	0.401694	0.408351	0.566892	0.554228	0.675496	0.723397	0.912472	1.379305	0.220667
0.525672	0.803124	0.855637	1.876529	0.277114	0.138557	0.069279	0.034639	0	0
1.256553	0.262836	0.131418	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

[illegible]

250	251	252	253	254	255	256	257	258	259
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.666683	0	0	0	0	0	0	0	0	0
1.654322	0.333342	0	0	0	0	0	0	0	0
1.107244	1.069927	1.901332	0	0	0	0	0	0	0
1.337895	1.032611	0.770238	1.509078	0.578448	0.289224	0	0	0	0
0.856194	1.063537	1.050293	1.156896	1.357322	1.507701	2.066713	0	0	0
0.766664	1.043604	1.317505	1.26604	0.940918	1.048701	1.498414	1.369781	0	0
0.759371	1.043604	1.027751	1.124711	0.747759	1.246734	2.417394	1.241148	1.916411	0.593938
0.621689	0.508453	0.442829	0.828882	1.82182	1.654828	1.506618	0.912055	1.187877	2.232379
0.489241	0.600311	0.642335	0.599769	0.688981	0.868963	1.048917	1.310166	1.04856	0.797259
0.757927	1.143278	0.825171	0.285064	0.503659	0.837626	0.969947	0.573472	0.624757	0.826084
0.8999	0.852952	0.830369	0.742208	0.633903	0.659288	0.679195	0.69604	0.818167	1.138266
0.595127	0.480934	0.544558	0.556696	0.82935	0.677351	0.479304	0.754351	0.860479	1.297216
0.88227	0.440237	0.610729	0.726771	0.65418	0.357786	0.473894	0.473298	0.60286	0.985224
0.71801	0.892369	0.880181	0.835916	0.786641	0.407674	0.58835	0.680723	0.514307	0.396102
0.433902	0.345838	0.676423	0.516661	0.618762	0.529715	0.529539	0.813133	0.886354	0.676325
0.8999	0.647963	0.866708	0.659234	0.550088	0.283264	0.104576	0.500587	0.584055	0.884146
0.759371	0.711743	0.934237	0.644157	0.8042	0.682297	0.528667	0.791562	0.700636	0.40399
0.431176	0.514173	0.569638	0.364744	0.261764	0.520192	0.781549	0.496464	0.571955	0.479904
0.540273	0.606371	0.301969	0.348864	0.337076	0.64765	0.71918	0.452786	0.406181	0.483872
0.184053	0.57879	0.416507	0.50575	0.570525	0.555869	0.378436	0.290588	0.458033	0.491919
0.480021	0.477897	0.215209	0.334102	0.293748	0.387657	0.58835	0.544115	0.75468	0.591943
0.518139	0.480173	0.452944	0.383722	0.422796	0.308812	0.3711	0.538655	0.375393	0.530985
0.307298	0.69521	0.735261	0.56707	0.571477	0.571002	0.28158	0.551503	0.567996	0.548206

0.206953	0.491733	0.65379	0.429202	0.502032	0.496855	0.51326	0.525299	0.401455	0.356294
0.436645	0.494083	0.424648	0.450565	0.454377	0.317315	0.545546	0.355473	0.352004	0.467444
0.390973	0.594335	0.526871	0.593638	0.532308	0.445631	0.58835	0.338035	0.321911	0.322023
0.315548	0.514996	0.430162	0.534886	0.643923	0.756729	0.585362	0.514047	0.468093	0.273731
0.409315	0.310476	0.341961	0.613358	0.527113	0.592712	0.606728	0.565704	0.53208	0.479904
0.7711	0.624013	0.605505	0.592624	0.452199	0.285253	0.352704	0.520937	0.294294	0.554727
0.542024	0.591378	0.463299	0.418902	0.655335	0.421096	0.62266	0.603906	0.451957	0.365302
0.452764	0.542199	0.479311	0.372602	0.35062	0.583699	0.655224	0.592497	0.558253	0.258283
0.609228	0.807023	0.486358	0.444045	0.486864	0.630758	0.484782	0.282492	0.369739	0.445733
0.348525	0.732994	0.504905	0.598741	0.50858	0.48802	0.280103	0.391954	0.504833	0.530985
0.473981	0.438852	0.387897	0.191256	0.428931	0.560541	0.48636	0.604958	0.514307	0.492732
0.50345	0.26277	0.466304	0.339155	0.513556	0.397873	0.409747	0.426863	0.558253	0.40399
0.698718	0.454338	0.665555	0.457184	0.511891	0.37338	0.407764	0.43391	0.547782	0.503441
0.431176	0.653595	0.708123	0.713198	0.685249	0.705281	0.800681	0.56957	0.3735	0.406651
0.386046	0.591378	0.439273	0.40884	0.432378	0.654595	0.526061	0.560919	0.285979	0.512714
0.609228	0.569349	0.344801	0.462403	0.560186	0.52536	0.347506	0.467119	0.525777	0.773322
0.8198	0.545723	0.568683	0.538445	0.380273	0.266712	0.383396	0.540468	0.543105	0.473629
0.526519	0.583588	0.442829	0.474573	0.578201	0.43284	0.724619	0.661106	0.567996	0.430662
0.35818	0.516647	0.450757	0.40226	0.439353	0.591701	0.681666	0.561871	0.468877	0.578849
0.586299	0.594335	0.452944	0.352925	0.441468	0.383887	0.448534	0.441073	0.571955	0.623756
0.616454	0.551958	0.364024	0.324169	0.620893	0.430744	0.531289	0.320723	0.465751	0.378861
0.477746	0.321947	0.384762	0.428507	0.422796	0.480922	0.530413	0.505585	0.607152	0.513566
0.313989	0.332102	0.282286	0.6187	0.408154	0.498481	0.480862	0.532371	0.450451	0.467444
0.541148	0.6391	0.483212	0.415522	0.413421	0.546671	0.725989	0.591475	0.314703	0.550059
0.556286	0.454338	0.507383	0.501626	0.566737	0.518483	0.489533	0.307779	0.453468	0.590921
0.550883	0.6391	0.487148	0.54384	0.38459	0.322173	0.508244	0.419928	0.590233	0.48627
0.670708	0.452194	0.274462	0.444045	0.397168	0.532348	0.412406	0.618872	0.484039	0.623756
0.425104	0.548384	0.479311	0.64874	0.497988	0.387657	0.41441	0.512341	0.316356	0.34747
0.32449	0.389242	0.482429	0.406196	0.371764	0.381391	0.58835	0.596611	0.516052	0.281666
0.36571	0.418587	0.604467	0.383097	0.372969	0.230087	0.438508	0.436046	0.491411	0.442097
0.498662	0.502008	0.372444	0.368353	0.402304	0.537664	0.545546	0.379241	0.414405	0.522188
0.447795	0.384945	0.376103	0.468446	0.495581	0.455846	0.429401	0.524423	0.490585	0.479114
0.36982	0.284512	0.336896	0.463154	0.435851	0.496855	0.50001	0.525299	0.454984	0.428551
0.421767	0.30587	0.348808	0.324169	0.411439	0.322173	0.353868	0.362649	0.519563	0.515277
0.394705	0.404944	0.426708	0.35118	0.322327	0.313043	0.255729	0.293663	0.413713	0.42645
0.31192	0.423899	0.276405	0.245533	0.409465	0.568124	0.440637	0.386824	0.438587	0.433493
0.251305	0.451481	0.408516	0.337464	0.339304	0.434945	0.45954	0.489142	0.544036	0.588886
0.37876	0.374088	0.482429	0.387493	0.349475	0.374603	0.313293	0.401739	0.438587	0.569039
0.37041	0.306379	0.344801	0.401608	0.414084	0.467065	0.430789	0.393246	0.372871	0.418834
0.337435	0.289877	0.300937	0.252879	0.258043	0.414333	0.51326	0.561871	0.350807	0.388355
0.315028	0.374684	0.334664	0.345413	0.271688	0.332054	0.36808	0.482735	0.46653	0.483872
0.36571	0.356003	0.387897	0.295152	0.373573	0.286252	0.327314	0.299359	0.479998	0.379488
0.490797	0.378278	0.311891	0.43199	0.482183	0.481705	0.477751	0.411075	0.554416	0.504276
0.352475	0.381902	0.196183	0.365343	0.402304	0.268147	0.418448	0.438194	0.580998	0.681321
0.462147	0.318788	0.270122	0.372602	0.310146	0.246643	0.359143	0.491569	0.452712	0.407988
0.255819	0.273505	0.301969	0.370776	0.373573	0.505047	0.390311	0.363856	0.454984	0.463622
0.348525	0.296303	0.414496	0.244624	0.375997	0.466308	0.599488	0.477205	0.522215	0.61075

0.563597	0.545723	0.361648	0.294642	0.380273	0.408335	0.439926	0.386824	0.522215	0.718001
0.35361	0.391097	0.437154	0.426431	0.358721	0.37891	0.302808	0.307779	0.313057	0.555667
0.330375	0.304853	0.526005	0.455704	0.414084	0.394014	0.333385	0.624345	0.532988	0.508474
0.47699	0.419909	0.455877	0.318747	0.344925	0.328184	0.461029	0.525299	0.571955	0.678816
0.347964	0.470397	0.537396	0.338027	0.502032	0.467065	0.617284	0.454273	0.479194	0.720743
0.44498	0.452194	0.408516	0.418902	0.450031	0.429352	0.504107	0.434621	0.419975	0.662875
0.419115	0.416612	0.323128	0.425052	0.41078	0.463293	0.450713	0.524423	0.539399	0.691489
0.405456	0.309962	0.207249	0.490282	0.482183	0.364914	0.435685	0.4447	0.53481	0.89634
0.449209	0.350326	0.194567	0.457926	0.368765	0.29585	0.568804	0.519204	0.489762	0.817406
0.470248	0.395455	0.394236	0.323079	0.416746	0.424517	0.448534	0.500587	0.419275	0.692776
0.397839	0.455055	0.287748	0.416871	0.380887	0.503396	0.533046	0.516618	0.432775	0.630408
0.423766	0.48553	0.304039	0.429897	0.372969	0.497667	0.491129	0.565704	0.422787	0.503441
0.431855	0.314612	0.343663	0.393852	0.377824	0.425893	0.548272	0.645795	0.500593	0.555667
0.485376	0.434038	0.599318	0.461654	0.404245	0.300472	0.531289	0.448357	0.609314	0.704542
0.367467	0.402393	0.466304	0.548388	0.603104	0.483275	0.659913	0.395842	0.519563	0.525686
0.434586	0.544839	0.439982	0.381849	0.539333	0.543949	0.611974	0.570543	0.65498	0.880157
0.419777	0.536967	0.4105	0.512432	0.569574	0.57487	0.548272	0.612395	0.688764	1.272024
0.649982	0.525843	0.459573	0.534886	0.642799	0.44204	0.576517	0.594549	0.733978	0.820856
0.492359	0.446526	0.456614	0.536662	0.657654	0.589687	0.60361	0.640046	0.797626	0.990312
0.543781	0.574044	0.522559	0.589598	0.421444	0.527097	0.525196	0.443972	0.67975	0.691534
0.541148	0.603331	0.467814	0.463154	0.354074	0.750864	0.745641	0.573472	0.703319	1.996809
0.598111	0.511712	0.44426	0.395778	0.406847	0.498481	0.83281	0.875208	0.806067	1.903656
0.5748	0.427927	0.509044	0.548388	0.553733	0.465552	0.610919	0.720078	0.828814	2.189851
0.576695	0.558285	0.484782	0.466927	0.493983	0.389554	0.567849	0.728396	0.868278	1.17976
0.421767	0.322475	0.439982	0.547475	0.479861	0.568124	0.555626	0.665927	1.033912	0.434139
0.470248	0.449351	0.642335	0.603905	0.50122	0.537664	0.649432	0.796445	1.683796	0.217069
0.563597	0.580703	0.608632	0.460159	0.476018	0.736539	0.684152	0.715978	1.175729	0.108535
0.699978	0.693964	0.636719	0.533117	0.552819	0.698774	0.681666	0.642337	1.571121	0.054267
0.623801	0.50361	0.683823	0.80678	0.778888	0.627457	0.531289	0.732616	1.591438	0.027134
0.784685	0.624013	0.782553	0.639621	0.534054	0.537664	0.41441	0.834044	0.818167	0.013567
1.051467	0.789619	0.638957	0.546563	0.451475	0.656935	0.561225	0.783542	1.073075	0.006783
0.547318	0.888457	0.840955	0.696165	0.50858	0.605027	0.799054	1.227685	0.391771	0.003392
0.798709	1.078356	0.862935	0.524378	0.48296	0.527097	0.690429	0.885134	0.195886	0
0.966766	0.875036	0.785686	0.803478	0.72955	0.798535	0.770765	0.954672	0.097943	0
0.833307	0.663921	0.749494	0.781037	0.752071	0.592712	0.794209	1.11539	0.048971	0
0.683879	0.786529	1.099224	0.972229	0.876721	0.643081	0.795818	1.017989	0.024486	0
0.609228	0.372898	0.6257	0.874834	0.799341	0.928268	0.873249	1.020724	0.012243	0
0.669531	0.577837	0.7055	0.687263	0.626267	0.834083	0.81392	0.823462	0.006121	0
0.549097	0.738474	0.739483	0.504096	0.335412	0.572932	0.699373	0.929492	0.003061	0
0.573855	0.531797	0.479311	0.673632	0.658818	0.886517	0.843471	0.988986	0.00153	0
0.582432	0.380086	0.578331	0.639621	0.721396	0.91959	1.28457	1.439977	7.65E-04	0
0.654503	0.482461	0.6024	0.701335	0.657654	0.541244	0.839888	0.828591	3.83E-04	0
0.389736	0.473382	0.446415	0.583608	0.554649	0.505047	0.817294	1.315543	1.91E-04	0
0.327155	0.530088	0.743745	0.721291	0.655335	0.666423	0.892954	2.302119	9.56E-05	0
0.623801	0.886514	0.866708	0.500806	0.6093	0.800163	0.848901	1.493586	4.78E-05	0
0.616454	0.629342	0.643467	0.714537	0.799341	0.95773	0.93305	0.97149	2.39E-05	0
0.667185	0.490953	0.48557	0.710534	0.52198	0.788891	1.403851	0.447487	1.20E-05	0

0.571972	0.481697	0.649172	0.770237	0.505293	0.514239	0.894974	0.61766	5.98E-06	0
0.341837	0.643509	0.72148	0.548388	0.513556	0.521908	0.787833	1.660483	2.99E-06	0
0.344611	0.570284	0.650322	0.544746	0.584049	0.820196	1.134824	0.393916	1.49E-06	0
0.637786	0.800613	0.624614	0.568026	0.668244	0.683543	1.452201	0.196958	0	0
0.584361	0.647963	0.513222	0.468446	0.769764	0.691091	0.829314	0.098479	0	0
0.521471	0.550167	0.57348	0.709208	0.874801	0.896584	0.93305	0.04924	0	0
0.446385	0.386782	0.526871	0.771763	0.635005	0.691091	0.867508	0.02462	0	0
0.486918	0.65701	0.566779	0.552984	0.52113	0.568124	0.890943	0.406226	0	0
0.433902	0.700231	0.782553	0.623022	0.72818	0.571966	0.787833	1.853167	0	0
0.462878	0.48862	0.544558	0.75379	0.653028	0.747961	1.237543	0.393916	0	0
0.757927	0.577837	0.48794	0.5296	0.506112	0.631864	1.138357	0.196958	0	0
0.632354	0.622955	0.62137	0.73372	0.724097	0.813415	1.03752	0.098479	0	0
0.520636	0.551062	0.728316	0.764184	0.932081	0.976908	1.39097	0.04924	0	0
0.411258	0.442324	0.605505	0.604946	0.730923	0.974464	1.378461	0.02462	0	0
0.476236	0.4863	0.486358	0.466927	0.696543	0.816792	0.962786	0.01231	0	0
0.449209	0.410091	0.572517	0.565166	0.680322	1.002135	1.541076	0.006155	0	0
0.5902	0.560109	0.587201	0.634017	0.583069	0.810064	0.722631	0.003077	0	0
0.577646	0.553756	0.542756	0.644157	0.603104	0.635198	1.559388	0.001539	0	0
0.558103	0.541323	0.607587	0.75379	0.783523	0.820196	0.317599	7.69E-04	0	0
0.253556	0.427927	0.474676	0.489483	0.617701	1.117483	0.1588	0	0	0
0.419115	0.569349	0.562996	0.460906	0.595986	0.955392	0.519693	0	0	0
0.41648	0.44442	0.530351	0.613358	0.759356	0.880586	1.233109	0	0	0
0.422432	0.451481	0.429469	0.49754	0.716044	0.785723	1.838179	0	0	0
0.608205	0.597313	0.46106	0.517512	0.547374	0.53323	1.091339	0	0	0
0.491577	0.622955	0.513222	0.621937	0.596996	0.628554	1.207413	0	0	0
0.343499	0.435408	0.48557	0.483143	0.661155	1.141869	0.738492	0	0	0
0.537661	0.536967	0.543656	0.43833	0.649592	0.84843	1.310142	0	0	0
0.749362	0.80864	0.532102	0.450565	0.814086	0.74941	0.731514	0	0	0
0.548206	0.660452	0.683823	0.736531	0.692745	0.921743	0.924296	0	0	0
0.409962	0.467433	0.442829	0.641883	0.323941	0.984323	0.398456	0	0	0
0.500252	0.460836	0.499176	0.724022	0.539333	0.796913	0.199228	0	0	0
0.505057	0.483992	0.539176	0.565166	0.564855	1.13125	0.099614	0	0	0
0.427792	0.524156	0.608632	0.395135	0.648452	1.666663	0.049807	0	0	0
0.638881	0.606371	0.609679	0.540236	0.641677	0.981837	0.024904	0	0	0
0.498662	0.529235	0.590199	0.972229	0.859732	0.280093	0.012452	0	0	0
0.548206	0.555562	0.359286	0.5846	0.560186	0.420139	0.006226	0	0	0
0.613342	0.48862	0.419204	0.643018	0.584049	1.445775	0.003113	0	0	0
0.550883	0.655869	0.72694	0.941781	1.078997	1.823971	0.001556	0	0	0
0.577646	0.69521	0.68757	0.65688	0.820804	2.602122	7.78E-04	0	0	0
0.701242	0.576885	0.486358	0.617627	0.720052	1.49946	3.89E-04	0	0	0
0.358754	0.531797	0.60137	0.75526	0.704238	1.081732	1.95E-04	0	0	0
0.552677	0.489397	0.614954	0.681014	0.753519	2.509368	9.73E-05	0	0	0
0.598111	0.473382	0.579308	0.715879	0.72955	2.073083	4.86E-05	0	0	0
0.483839	0.481697	0.633384	0.765689	0.857885	1.589888	2.43E-05	0	0	0
0.480021	0.641299	0.643467	0.702637	1.307854	0.878158	1.22E-05	0	0	0
0.742351	0.659302	0.569638	0.698742	0.898431	1.859883	6.08E-06	0	0	0
0.548206	0.744023	0.733864	0.924052	0.98307	1.337754	3.04E-06	0	0	0

0.465811	0.429277	0.530351	0.752325	1.198248	0.479574	1.52E-06	0	0	0
0.637786	0.366998	0.364024	0.629586	0.959149	0.239787	0	0	0	0
0.442184	0.617704	0.570596	0.745075	1.040851	0.119894	0	0	0	0
0.505057	0.521639	0.581268	0.641883	1.351539	0.059947	0	0	0	0
0.597114	0.60841	0.664364	0.549303	0.954519	0.029973	0	0	0	0
0.518969	0.543077	0.658458	0.837692	0.917037	0.014987	0	0	0	0
0.45707	0.427927	0.548183	0.746515	1.227462	0.007493	0	0	0	0
0.576695	0.533514	0.498364	0.698742	0.743488	0.003747	0	0	0	0
0.625924	0.541323	0.49999	0.770237	0.919155	0.001873	0	0	0	0
0.453479	0.543077	0.67277	0.94862	1.003203	9.37E-04	0	0	0	0
0.363961	0.417269	0.450757	0.614422	1.120819	0.424851	0	0	0	0
0.512367	0.781934	0.666749	0.634017	0.848765	2.720221	0	0	0	0
0.484607	0.641299	0.704194	0.834147	0.85239	2.261584	0	0	0	0
0.493142	0.417269	0.581268	0.792112	1.210529	0.426195	0	0	0	0
0.59612	0.487846	0.413827	0.717226	1.082075	0.213097	0	0	0	0
0.437333	0.292831	0.512383	0.654539	1.148713	0.106549	0	0	0	0
0.477746	0.471887	0.391055	0.573804	0.869089	0.053274	0	0	0	0
0.381175	0.593347	0.628977	0.574774	0.799341	0.026637	0	0	0	0
0.454195	0.530942	0.617082	0.904935	1.085175	0.013319	0	0	0	0
0.300708	0.417269	0.575414	0.784173	1.426603	0.549247	0	0	0	0
0.403539	0.585523	0.620294	0.679775	1.134542	2.073083	0	0	0	0
0.448501	0.607389	0.686318	0.615487	0.82935	0.414675	0	0	0	0
0.567299	0.551958	0.816644	0.874834	1.263449	0.207337	0	0	0	0
0.609228	0.530942	0.524279	0.756734	0.763786	0.485562	0	0	0	0
0.377557	0.474131	0.497553	0.730927	0.8225	1.417836	0	0	0	0
0.493142	0.430632	0.454408	0.550221	1.029757	0.926128	0	0	0	0
0.308321	0.524156	0.632278	0.573804	1.097801	2.216771	0	0	0	0
0.481544	0.594335	0.614954	0.646443	1.078997	1.321197	0	0	0	0
0.438023	0.607389	0.779441	0.900799	1.937804	0.539499	0	0	0	0
0.639979	0.517475	0.459573	0.788919	1.206396	0.269749	0	0	0	0
0.579554	0.509266	0.516594	0.460906	0.949938	0.134875	0	0	0	0
0.572913	0.561942	0.632278	0.489483	1.110805	0.422816	0	0	0	0
0.47699	0.468172	0.476215	0.422308	0.710758	1.49946	0	0	0	0
0.5748	0.536101	0.820035	0.525244	0.668244	0.334122	0	0	0	0
0.517309	0.561942	0.617082	0.724022	1.038051	0.167061	0	0	0	0
0.495499	0.494869	0.522559	0.598741	1.292543	0.49907	0	0	0	0
0.589222	0.487072	0.328583	0.471499	0.831079	1.9653	0	0	0	0
0.497077	0.651334	0.603433	0.577699	0.701658	0.350829	0	0	0	0
0.610253	0.465958	0.62679	0.681014	0.778888	0.523686	0	0	0	0
0.558103	0.374088	0.507383	0.787331	0.696543	1.579949	0	0	0	0
0.5748	0.498027	0.622448	0.782602	1.066899	1.294932	0	0	0	0
0.550883	0.600311	0.561116	0.549303	0.850574	0.308321	0	0	0	0
0.560841	0.455774	0.480089	0.48393	0.616642	0.462481	0	0	0	0
0.638881	0.506833	0.666749	0.533117	1.003203	1.411124	0	0	0	0
0.59612	0.324065	0.526871	0.639621	0.963829	1.899035	0	0	0	0
0.762274	0.577837	0.314009	0.645298	0.632804	1.072472	0	0	0	0
0.797128	0.517475	0.392325	0.578678	0.721396	0.645359	0	0	0	0

0.549097	0.461564	0.494325	0.535773	0.659985	0.827084	0	0	0	0
0.536794	0.604342	0.699011	0.549303	0.742074	2.139011	0	0	0	0
0.494712	0.744023	0.659633	0.359386	0.637218	0.664352	0	0	0	0
0.520636	0.709158	0.70944	0.534	0.691487	2.261584	0	0	0	0
0.61854	0.663921	0.516594	0.702637	0.65188	1.717515	0	0	0	0
0.71019	0.635823	0.499176	0.593638	0.591971	1.25132	0	0	0	0
0.39408	0.468912	0.413827	0.73936	0.896412	1.349154	0	0	0	0
0.487691	0.563782	0.498364	0.661601	0.998081	2.139011	0	0	0	0
0.407381	0.536101	0.611781	0.509914	0.668244	1.92002	0	0	0	0
0.469505	0.718273	0.649172	0.553909	0.735071	0.984323	0	0	0	0
0.546431	0.495656	0.683823	0.777924	1.097801	1.775122	0	0	0	0
0.508291	0.574989	0.583237	0.577699	0.810766	1.179267	0	0	0	0
0.686318	0.539575	0.286251	0.644157	0.747759	0.930464	0	0	0	0
0.514831	0.460836	0.6024	0.844871	1.117455	2.043528	0	0	0	0
0.694961	0.630415	0.555526	0.745075	0.846964	0.776899	0	0	0	0
0.473232	0.630415	0.796837	0.825408	0.706834	2.882949	0	0	0	0
0.550883	0.640198	0.692618	0.634017	0.892402	2.368039	0	0	0	0
0.557194	0.526688	0.6024	0.638494	1.167103	2.073083	0	0	0	0
0.424434	0.559196	0.614954	0.564216	0.892402	1.171525	0	0	0	0
0.798709	0.83537	0.759743	0.568026	0.949938	1.80707	0	0	0	0
0.697462	0.489397	0.669148	0.641883	0.856046	0.428023	0	0	0	0
0.424434	0.278734	0.37733	0.907018	1.035269	0.214011	0	0	0	0
0.461418	0.521639	0.770238	0.740782	0.783523	0.107006	0	0	0	0
0.450628	0.48862	0.589197	0.632905	0.810766	0.053503	0	0	0	0
0.473232	0.468172	0.590199	0.677307	0.673035	0.026751	0	0	0	0
0.438023	0.618749	0.704194	0.810108	0.850574	0.013376	0	0	0	0
0.427118	0.616662	0.661992	0.750865	1.186305	0.006688	0	0	0	0
0.532483	0.504414	0.546367	0.585595	1.447588	0.003344	0	0	0	0
0.526519	0.239436	0.442829	0.562324	0.696543	0.001672	0	0	0	0
0.631276	0.536967	0.67277	0.787331	0.882535	8.36E-04	0	0	0	0
0.600111	0.802207	0.680107	0.713198	1.960547	4.18E-04	0	0	0	0
0.420439	0.56563	0.561116	0.568026	1.131071	2.09E-04	0	0	0	0
0.479261	0.644618	0.589197	0.729537	1.14157	1.04E-04	0	0	0	0
0.646622	0.627202	0.509044	0.752325	1.406586	5.22E-05	0	0	0	0
0.614377	0.546608	0.431551	0.50575	0.846964	2.61E-05	0	0	0	0
0.639979	0.506833	0.41316	0.626291	1.082075	1.31E-05	0	0	0	0
0.743744	0.792732	0.728316	0.872899	0.600533	6.53E-06	0	0	0	0
0.509103	0.547495	0.641206	0.574774	1.040851	3.27E-06	0	0	0	0
0.525674	0.489397	0.699011	0.732321	0.718712	1.63E-06	0	0	0	0
0.632354	0.719591	0.736664	0.878729	1.30269	8.16E-07	0	0	0	0
0.439406	0.615622	0.551839	0.79857	0.778392	4.08E-07	0	0	0	0
0.546431	0.586493	0.507383	0.758214	1.163362	2.04E-07	0	0	0	0
0.616454	0.489397	0.435044	1.015567	1.509075	1.02E-07	0	0	0	0
0.513187	0.45006	0.487148	0.803478	1.600651	5.10E-08	0	0	0	0
0.647739	0.457936	0.587201	0.710534	1.477244	2.55E-08	0	0	0	0
0.614377	0.511712	0.642335	0.816842	1.82182	1.28E-08	0	0	0	0
0.631276	0.59931	0.571555	0.915452	0.784584	6.38E-09	0	0	0	0

0.628057	0.647963	0.514905	0.752325	1.334638	3.19E-09	0	0	0	0
0.594138	0.686562	0.630074	0.876777	0.848765	1.59E-09	0	0	0	0
0.473981	0.509266	0.474676	0.724022	1.236184	7.97E-10	0	0	0	0
0.459239	0.483992	0.268207	0.388125	0.96856	3.99E-10	0	0	0	0
0.427118	0.651334	0.472377	0.743639	1.387451	1.99E-10	0	0	0	0
0.376358	0.468172	0.622448	0.880689	2.204755	9.97E-11	0	0	0	0
0.478503	0.535237	0.595241	0.73372	0.36686	4.98E-11	0	0	0	0
0.500252	0.48553	0.439273	0.745075	0.55029	2.49E-11	0	0	0	0
0.316069	0.481697	0.624614	0.784173	2.673758	1.25E-11	0	0	0	0
0.329299	0.399226	0.422599	0.832385	1.12421	6.23E-12	0	0	0	0
0.413209	0.471141	0.476215	0.85217	1.131071	3.11E-12	0	0	0	0
0.438714	0.539575	0.443544	0.557629	0.812423	1.56E-12	0	0	0	0
0.469505	0.413992	0.461805	0.587592	0.523684	0.261842	0	0	0	0
0.44428	0.428601	0.498364	0.534	0.700373	3.924341	0	0	0	0
0.523147	0.554658	0.678876	0.758214	1.44048	0.350187	0	0	0	0
0.479261	0.566556	0.614954	0.781037	1.31308	0.175093	0	0	0	0
0.542902	0.618749	0.496744	0.53934	0.973343	0.087547	0	0	0	0
0.556286	0.445121	0.449304	0.507411	1.462163	0.043773	0	0	0	0
0.411907	0.493298	0.555526	0.415522	0.878651	0.021887	0	0	0	0
0.505057	0.463024	0.62679	0.6187	0.857885	0.010943	0	0	0	0
0.460691	0.582624	0.51071	0.563269	0.792944	0.005472	0	0	0	0
0.499456	0.502008	0.556453	0.967403	2.349247	0.002736	0	0	0	0
0.429142	0.463755	0.496744	0.944048	0.346801	0.001368	0	0	0	0
0.543781	0.534374	0.464049	0.693603	0.429196	6.84E-04	0	0	0	0
0.480782	0.439544	0.472377	0.511591	1.082075	3.42E-04	0	0	0	0
0.483839	0.44442	0.422599	0.588594	0.669437	1.71E-04	0	0	0	0
0.387887	0.527536	0.605505	0.65105	0.52198	8.55E-05	0	0	0	0
0.434586	0.472633	0.459573	0.674853	0.810766	4.27E-05	0	0	0	0
0.409962	0.429277	0.439982	0.518364	1.492868	2.14E-05	0	0	0	0
0.390354	0.544839	0.550007	0.597716	1.406586	1.07E-05	0	0	0	0
0.549989	0.715649	0.551839	0.577699	1.454814	5.34E-06	0	0	0	0
0.526519	0.422565	0.604467	0.850333	1.52591	2.67E-06	0	0	0	0
0.407381	0.387395	0.516594	0.710534	0.963829	1.34E-06	0	0	0	0
0.468024	0.387395	0.592209	0.735123	1.231801	6.68E-07	0	0	0	0
0.418455	0.395455	0.440692	0.880689	0.735123	3.34E-07	0	0	0	0
0.529065	0.425908	0.417854	0.735123	1.297587	1.67E-07	0	0	0	0
0.34965	0.412688	0.346514	0.538445	0.788208	8.35E-08	0	0	0	0
0.493926	0.496445	0.607587	0.665175	0.807471	4.17E-08	0	0	0	0
0.502648	0.48476	0.654952	0.592624	0.89041	2.09E-08	0	0	0	0
0.648859	0.435408	0.591203	0.689788	0.89041	1.04E-08	0	0	0	0
0.539401	0.304345	0.493522	0.659234	0.8042	5.22E-09	0	0	0	0
0.275304	0.366998	0.466304	0.752325	1.14157	2.61E-09	0	0	0	0
0.278161	0.48476	0.397441	0.49754	1.040851	1.30E-09	0	0	0	0
0.40867	0.585523	0.500805	0.598741	1.297587	6.52E-10	0	0	0	0
0.483073	0.413339	0.6024	0.643018	1.249603	3.26E-10	0	0	0	0
0.591181	0.364077	0.65379	1.063714	1.013631	1.63E-10	0	0	0	0
0.496287	0.558285	0.611781	0.867147	0.96856	8.15E-11	0	0	0	0

0.313471	0.455774	0.597275	0.713198	1.375147	4.08E-11	0	0	0	0
0.391593	0.445121	0.540068	0.898746	0.710542	2.04E-11	0	0	0	0
0.314508	0.501209	0.592209	0.707886	1.387451	1.02E-11	0	0	0	0
0.436645	0.536101	0.663176	1.088361	0.353943	5.10E-12	0	0	0	0
0.608205	0.542199	0.628977	1.1532	0.645611	2.55E-12	0	0	0	0
0.502648	0.474131	0.599318	0.93728	1.52591	1.27E-12	0	0	0	0
0.470992	0.4863	0.762716	1.018256	1.895607	6.37E-13	0	0	0	0
0.464342	0.457936	0.50326	0.721291	0.323795	3.18E-13	0	0	0	0
0.285871	0.341395	0.467059	0.64759	0.161897	0	0	0	0	0
0.386659	0.506025	0.527738	0.813462	0.080949	0	0	0	0	0
0.486146	0.340291	0.517442	0.668779	0.245226	0	0	0	0	0
0.73001	0.536101	0.38165	0.409504	1.484986	0	0	0	0	0
0.469505	0.361755	0.544558	0.508244	1.345832	0	0	0	0	0
0.45563	0.476387	0.677648	0.687263	1.419828	0	0	0	0	0
0.473981	0.49882	0.499176	0.707886	1.590574	0	0	0	0	0
0.301211	0.553756	0.582251	0.659234	1.484986	0	0	0	0	0
0.434586	0.628271	0.600343	0.962631	3.451909	0	0	0	0	0
0.523988	0.44442	0.556453	1.063714	0.430735	0	0	0	0	0
0.573855	0.395455	0.509876	0.86147	0.215367	0	0	0	0	0
0.522309	0.380691	0.627882	1.04899	0.107684	0	0	0	0	0
0.562677	0.515821	0.659633	0.939524	0.053842	0	0	0	0	0
0.368642	0.514173	0.385388	0.564216	0.026921	0	0	0	0	0
0.419115	0.601315	0.681342	0.795329	0.01346	0	0	0	0	0
0.371593	0.419248	0.855484	1.306004	0.00673	0	0	0	0	0
0.471737	0.329944	0.582251	0.921886	0.003365	0	0	0	0	0
0.56452	0.403667	0.550007	0.834147	0.001683	0	0	0	0	0
0.591181	0.679284	0.837398	1.012894	8.41E-04	0	0	0	0	0
0.477746	0.614584	0.675202	0.86147	4.21E-04	0	0	0	0	0
0.423098	0.574044	0.738071	0.992086	2.10E-04	0	0	0	0	0
0.563597	0.762565	0.914755	2.111138	1.05E-04	0	0	0	0	0
0.483839	0.522476	0.473142	1.280599	5.26E-05	0	0	0	0	0
0.533342	0.354862	0.596257	0.758214	2.63E-05	0	0	0	0	0
0.582432	0.592361	0.851806	1.094748	1.31E-05	0	0	0	0	0
0.560841	0.628271	0.840955	0.994633	6.57E-06	0	0	0	0	0
0.475483	0.364077	0.470851	0.967403	3.29E-06	0	0	0	0	0
0.556286	0.327797	0.488733	0.935047	1.64E-06	0	0	0	0	0
0.531626	0.494083	0.422599	1.509078	8.22E-07	0	0	0	0	0
0.690001	0.586493	0.530351	1.290583	4.11E-07	0	0	0	0	0
0.634519	0.548384	0.886086	1.571869	2.05E-07	0	0	0	0	0
0.646622	0.69646	1.184823	0.332778	1.03E-07	0	0	0	0	0
0.382388	0.549275	0.665555	0.499166	5.13E-08	0	0	0	0	0
0.551779	0.592361	0.740899	1.706568	2.57E-08	0	0	0	0	0
0.542024	0.690247	0.842745	1.810108	1.28E-08	0	0	0	0	0
0.607185	0.709158	0.923306	0.357375	6.42E-09	0	0	0	0	0
0.471737	0.570284	0.71475	0.178688	0	0	0	0	0	0
0.575746	0.865698	0.99599	0.446719	0	0	0	0	0	0
0.685097	0.718273	1.184823	2.623022	0	0	0	0	0	0

0.517309	0.594335	1.196815	0.592412	0	0	0	0	0	0
0.527366	0.564705	1.192781	0.296206	0	0	0	0	0	0
0.451339	0.680489	0.855484	0.148103	0	0	0	0	0	0
0.693715	0.525843	0.731081	0.074051	0	0	0	0	0	0
0.739578	0.723569	0.923306	0.402566	0	0	0	0	0	0
0.655641	0.974293	1.281576	1.229447	0	0	0	0	0	0
0.61128	0.642403	1.041702	2.623022	0	0	0	0	0	0
0.56823	0.689016	1.368551	0.343159	0	0	0	0	0	0
0.519802	0.631491	0.686318	0.171579	0	0	0	0	0	0
0.497077	0.627202	0.7055	0.08579	0	0	0	0	0	0
0.546431	0.758215	0.898142	0.042895	0	0	0	0	0	0
0.786221	0.837097	1.050293	0.021447	0	0	0	0	0	0
0.551779	0.536101	0.825171	0.290813	0	0	0	0	0	0
0.608205	0.415955	0.56018	2.44693	0	0	0	0	0	0
0.637786	0.479413	0.683823	0.555093	0	0	0	0	0	0
0.623801	0.805411	0.550007	1.418902	0	0	0	0	0	0
0.694961	0.674499	0.459573	0.229786	0	0	0	0	0	0
0.644396	0.751061	0.929831	0.114893	0	0	0	0	0	0
0.529917	0.633652	1.276677	0.522362	0	0	0	0	0	0
0.587271	0.609433	0.956961	1.562324	0	0	0	0	0	0
0.588245	0.493298	0.929831	1.164384	0	0	0	0	0	0
0.583395	0.756775	0.978482	3.225082	0	0	0	0	0	0
0.482308	0.616662	0.608632	0.687923	0	0	0	0	0	0
0.649982	0.680489	0.767214	1.84487	0	0	0	0	0	0
0.720648	0.702763	0.884109	0.812274	0	0	0	0	0	0
0.552677	0.596318	0.857335	2.111138	0	0	0	0	0	0
0.632354	0.584554	0.816644	1.612298	0	0	0	0	0	0
0.675452	0.69897	0.774815	0.785021	0	0	0	0	0	0
0.594138	0.547495	0.795226	1.344268	0	0	0	0	0	0
0.625924	0.684123	0.624614	1.247358	0	0	0	0	0	0
0.769616	0.744023	1.01959	0.822102	0	0	0	0	0	0
0.495499	0.580703	1.053195	1.634017	0	0	0	0	0	0
0.511549	0.457936	0.678876	0.339438	0	0	0	0	0	0
0.661375	0.713041	0.851806	0.509157	0	0	0	0	0	0
0.676646	0.726241	0.876289	1.164384	0	0	0	0	0	0
0.323959	0.630415	0.98094	1.280599	0	0	0	0	0	0
0.511549	0.646845	0.76421	2.04899	0	0	0	0	0	0
0.649982	0.649084	1.143488	0.720929	0	0	0	0	0	0
0.584361	0.539575	0.677648	2.747961	0	0	0	0	0	0
0.587271	0.460109	0.767214	1.601832	0	0	0	0	0	0
0.716697	0.635823	0.870515	2.526112	0	0	0	0	0	0
0.450628	0.534374	0.839173	1.500806	0	0	0	0	0	0
0.561758	0.563782	0.651475	0.969809	0	0	0	0	0	0
0.639979	0.789619	0.956961	1.392573	0	0	0	0	0	0
0.582432	0.686562	0.644602	1.84487	0	0	0	0	0	0
0.609228	0.769913	0.418528	1.004974	0	0	0	0	0	0
0.783154	0.925001	0.722839	1.526112	0	0	0	0	0	0

0.697462	0.701495	0.916877	1.399007	0	0	0	0	0	0
0.514831	0.605355	0.768723	0.777924	0	0	0	0	0	0
0.738198	0.75534	0.74661	1.046105	0	0	0	0	0	0
0.835025	0.606371	0.683823	1.793718	0	0	0	0	0	0
0.582432	0.517475	0.700301	2.623022	0	0	0	0	0	0
0.675452	0.634736	0.533859	0.26693	0	0	0	0	0	0
0.644396	0.697713	0.832115	0.133465	0	0	0	0	0	0
0.47699	0.582624	1.188784	0.48279	0	0	0	0	0	0
0.418455	0.718273	0.92547	1.26604	0	0	0	0	0	0
0.634519	0.571221	1.038876	1.84487	0	0	0	0	0	0
0.623801	0.410091	0.771759	0.28339	0	0	0	0	0	0
0.598111	0.551062	0.566779	0.141695	0	0	0	0	0	0
0.725973	0.644618	0.729696	0.070847	0	0	0	0	0	0
0.657925	0.762565	1.003715	0.400272	0	0	0	0	0	0
0.740962	0.912475	1.213336	2.04899	0	0	0	0	0	0
0.655641	1.011427	0.973606	0.382855	0	0	0	0	0	0
0.659072	0.606371	0.765709	0.501038	0	0	0	0	0	0
0.547318	0.614584	0.619221	1.338591	0	0	0	0	0	0
0.628057	0.820132	0.80498	1.037561	0	0	0	0	0	0
0.625924	0.702763	0.9884	0.345043	0	0	0	0	0	0
0.657925	0.494869	0.690087	0.172522	0	0	0	0	0	0
0.629127	0.679284	0.832115	0.086261	0	0	0	0	0	0
0.721973	0.591378	1.044547	0.359822	0	0	0	0	0	0
0.609228	0.561942	0.633384	1.031957	0	0	0	0	0	0
0.720648	0.702763	0.95232	1.361759	0	0	0	0	0	0
0.725973	0.823473	1.209146	0.990035	0	0	0	0	0	0
0.542902	0.687787	1.027751	1.591613	0	0	0	0	0	0
0.61231	0.739854	0.752398	1.212245	0	0	0	0	0	0
0.912063	1.046396	0.923306	2.078954	0	0	0	0	0	0
0.624861	0.613549	0.525141	1.26604	0	0	0	0	0	0
0.506671	0.6219	0.767214	1.05482	0	0	0	0	0	0
0.632354	0.914537	1.826137	0.383607	0	0	0	0	0	0
0.787762	0.650207	1.11237	0.191803	0	0	0	0	0	0
0.61854	0.582624	1.01158	0.095902	0	0	0	0	0	0
0.740962	0.734358	1.226153	0.389241	0	0	0	0	0	0
0.648859	0.649084	0.682581	1.43269	0	0	0	0	0	0
0.600111	0.502008	0.538285	1.010238	0	0	0	0	0	0
0.677843	0.942285	0.964017	1.793718	0	0	0	0	0	0
0.756487	1.075352	0.953151	0.476575	0	0	0	0	0	0
0.698718	0.690247	1.501262	0.238288	0	0	0	0	0	0
0.787762	0.789619	0.99855	0.426621	0	0	0	0	0	0
0.515656	0.744023	0.614954	1.094748	0	0	0	0	0	0
0.533342	0.652463	0.619221	0.844871	0	0	0	0	0	0
0.608205	0.781934	1.196815	1.149535	0	0	0	0	0	0
0.680248	0.91661	1.07407	0.31836	0	0	0	0	0	0
0.485376	0.643509	0.636719	0.477539	0	0	0	0	0	0
0.743744	0.638005	0.657286	2.1459	0	0	0	0	0	0

0.635605	0.922888	0.888072	0.654958	0	0	0	0	0	0
0.582432	0.732994	0.652631	1.128172	0	0	0	0	0	0
0.683879	0.871277	0.971189	1.23831	0	0	0	0	0	0
0.73001	0.910422	1.267043	0.360063	0	0	0	0	0	0
0.616454	0.792732	0.720126	0.180031	0	0	0	0	0	0
0.623801	0.732994	0.79043	0.450079	0	0	0	0	0	0
0.553576	0.791173	1.276677	2.270839	0	0	0	0	0	0
0.71019	0.612516	0.99855	1.111138	0	0	0	0	0	0
0.676646	0.652463	0.976037	0.999772	0	0	0	0	0	0
0.588245	0.748232	1.139918	0.849438	0	0	0	0	0	0
0.624861	0.67569	0.722839	1.969809	0	0	0	0	0	0
0.783154	0.737097	0.716088	1.225082	0	0	0	0	0	0
0.814841	0.927124	1.095999	0.878895	0	0	0	0	0	0
0.541148	0.6391	1.041702	1.367749	0	0	0	0	0	0
0.598111	0.471887	0.716088	1.270839	0	0	0	0	0	0
0.993206	0.875036	0.9884	1.793718	0	0	0	0	0	0
0.513187	0.788071	1.080223	2.078954	0	0	0	0	0	0
0.588245	0.867549	0.878231	1.476894	0	0	0	0	0	0
0.619587	0.799025	1.169333	0.8923	0	0	0	0	0	0
0.426446	0.610458	0.906369	1.827142	0	0	0	0	0	0
0.814841	0.563782	0.75679	0.378395	0	0	0	0	0	0
0.952996	0.775882	0.872431	0.567592	0	0	0	0	0	0
0.5748	0.742629	0.808281	1.094748	0	0	0	0	0	0
0.559014	0.647963	0.592209	0.867147	0	0	0	0	0	0
0.614377	0.704034	0.767214	1.762684	0	0	0	0	0	0
0.514831	0.584554	0.876289	0.979569	0.36686	0	0	0	0	0
0.755053	0.596318	0.724202	0.73372	1.236184	0	0	0	0	0
0.604139	0.644618	0.700301	0.870973	0.36686	0	0	0	0	0
0.556286	0.672126	0.938688	1.300802	0.18343	0	0	0	0	0
0.486918	0.536967	0.68757	0.987036	0.091715	0	0	0	0	0
0.682665	0.828532	0.839173	0.698742	0.045858	0	0	0	0	0
0.516482	0.58844	0.857335	1.160624	0.022929	0	0	0	0	0
0.766664	0.590397	0.504905	0.782602	0.011464	0	0	0	0	0
0.768138	0.680489	0.515749	0.827142	0.005732	0	0	0	0	0
0.575746	0.825152	1.180899	2.379984	0.002866	0	0	0	0	0
0.445682	0.576885	0.712087	1.10781	0.001433	0	0	0	0	0
0.541148	0.602322	0.540068	0.544746	7.17E-04	0	0	0	0	0
0.777085	0.724903	0.663176	0.894668	3.58E-04	0	0	0	0	0
0.514008	0.794297	0.733864	1.05482	0.447513	0	0	0	0	0
0.588245	0.734358	0.658458	1.03475	1.024315	0	0	0	0	0
0.755053	0.620847	0.832115	1.270839	1.134542	0	0	0	0	0
0.577646	0.589417	0.697725	1.361759	0.290322	0	0	0	0	0
0.490018	0.681697	0.682581	0.580643	0.145161	0	0	0	0	0
0.620637	0.780413	0.910541	1.114492	0.07258	0	0	0	0	0
0.540273	0.48862	0.762716	1.311268	0.03629	0	0	0	0	0
0.59315	0.758215	0.658458	0.874834	0.385707	0	0	0	0	0
0.68877	0.617704	0.586207	0.735123	1.703721	0	0	0	0	0

0.553576	0.525843	0.496744	0.585595	1.534579	0	0	0	0	0
0.528215	0.48476	0.389789	0.697452	1.101015	0	0	0	0	0
0.495499	0.66625	0.665555	0.696165	1.052235	0	0	0	0	0
0.412557	0.51008	0.592209	1.128172	1.875952	0	0	0	0	0
0.447795	0.550167	0.558312	0.784173	0.715308	0	0	0	0	0
0.519802	0.586493	0.583237	0.646443	1.236184	0	0	0	0	0
0.439406	0.514996	0.457352	0.63625	0.995543	0	0	0	0	0
0.393457	0.384335	0.408516	0.632905	0.805832	0	0	0	0	0
0.412557	0.596318	0.481648	0.711864	0.861588	0	0	0	0	0
0.329299	0.509266	0.468571	0.788919	1.249603	0	0	0	0	0
0.454195	0.478655	0.474676	0.514119	1.027028	0.41125	0	0	0	0
0.523988	0.472633	0.511546	0.434093	0.8225	2.261584	0	0	0	0
0.545546	0.427927	0.470851	0.595672	0.82935	1.704233	0	0	0	0
0.50345	0.45077	0.432248	0.676078	1.131071	0.412956	0	0	0	0
0.406739	0.369348	0.379176	0.66398	0.825911	0.206478	0	0	0	0
0.497077	0.483992	0.634493	0.654539	0.769764	0.103239	0	0	0	0
0.413861	0.487846	0.599318	0.701335	1.043669	0.436502	0	0	0	0
0.505863	0.687787	0.559245	0.592624	1.043669	0.991868	0	0	0	0
0.521471	0.766959	0.587201	0.523514	1.223167	2.216771	0	0	0	0
0.485376	0.515821	0.494325	0.534	0.900459	0.743731	0	0	0	0
0.486918	0.449351	0.429469	0.550221	0.587003	1.048701	0	0	0	0
0.384213	0.382509	0.34766	0.359978	0.494781	2.043528	0	0	0	0
0.637786	0.502808	0.415836	0.43833	0.529703	1.80707	0	0	0	0
0.359906	0.478655	0.371231	0.514964	0.742074	0.522885	0	0	0	0
0.44428	0.591378	0.572517	0.412168	0.516066	1.152754	0	0	0	0
0.463609	0.438161	0.531226	0.504922	0.79136	0.573887	0	0	0	0
0.449209	0.320364	0.351115	0.388758	0.631708	1.199247	0	0	0	0
0.523147	0.414645	0.345942	0.427814	0.607225	1.00474	0	0	0	0
0.499456	0.559196	0.550007	0.490282	0.446443	1.114109	0	0	0	0
0.387887	0.28743	0.30664	0.624109	0.841604	1.790802	0	0	0	0
0.32769	0.406225	0.447857	0.498355	0.65188	1.037287	0	0	0	0
0.386046	0.430632	0.330233	0.34656	0.633903	0.793686	0	0	0	0
0.404177	0.3492	0.344232	0.447655	0.534929	0.894552	0	0	0	0
0.409962	0.309962	0.499176	0.558564	0.534054	0.76118	0.273791	0	0	0
0.306787	0.305361	0.449304	0.49754	0.454377	0.547582	1.120974	0	0	0
0.465811	0.38801	0.425334	0.509078	0.661155	0.759691	1.474693	0	0	0
0.584361	0.455774	0.335221	0.408178	0.713393	0.52884	1.06062	0	0	0
0.500252	0.48862	0.470851	0.396422	0.41078	0.543949	0.999835	0	0	0
0.301715	0.441627	0.489527	0.441178	0.335966	0.73373	1.326241	0	0	0
0.33908	0.40751	0.405884	0.316597	0.486081	0.541244	1.152782	0	0	0
0.39408	0.409444	0.399375	0.325261	0.396531	0.595758	1.13132	0	0	0
0.439406	0.439544	0.461805	0.360571	0.36224	0.477028	0.787833	0	0	0
0.405456	0.468172	0.450757	0.466927	0.460979	0.553089	0.989642	0	0	0
0.255819	0.333728	0.424648	0.43199	0.406847	0.589687	0.627009	0	0	0
0.299703	0.495656	0.413827	0.459413	0.443593	0.660469	0.695517	0	0	0
0.41648	0.451481	0.364024	0.439041	0.382735	0.523631	1.012922	0	0	0
0.323428	0.455055	0.281792	0.349442	0.476784	0.502573	0.88299	0	0	0

0.387887	0.423899	0.495936	0.339155	0.318051	0.538556	0.847084	0	0	0
0.44358	0.394205	0.558312	0.481572	0.486864	0.526228	0.732906	0	0	0
0.349087	0.328333	0.442116	0.389391	0.667054	0.756729	0.839888	0.366453	0	0
0.345726	0.265081	0.443544	0.457926	0.531438	0.668828	0.786253	2.704276	0	0
0.459964	0.415955	0.376103	0.374436	0.541997	0.753786	0.941985	0.322427	0	0
0.306278	0.315132	0.357522	0.394493	0.499601	0.59474	0.644854	0.48364	0	0
0.373374	0.346396	0.382271	0.370169	0.455836	0.494428	0.741354	1.34347	0	0
0.386046	0.375281	0.421918	0.450565	0.429618	0.543046	0.794209	1.367182	0	0
0.328226	0.1179	0.277379	0.348287	0.392093	0.678582	0.696799	0.865504	0	0
0.275304	0.205819	0.300422	0.349442	0.288251	0.511713	0.627009	0.593522	0	0
0.256273	0.28743	0.388527	0.290079	0.364601	0.446352	0.633615	0.826961	0.296761	0
0.271055	0.26277	0.295817	0.326905	0.346626	0.298412	0.460284	0.77411	2.63701	0
0.275304	0.396708	0.330784	0.31286	0.281354	0.210767	0.397337	0.656337	1.289162	0
0.406739	0.375281	0.349384	0.390661	0.224194	0.339332	0.416424	0.627662	1.028189	0
0.463609	0.431992	0.460315	0.372602	0.318583	0.358966	0.313824	0.476421	0.696642	0
0.705054	0.559196	0.596257	0.464659	0.41078	0.457326	0.542837	0.652794	0.804366	0
1.074753	0.865698	0.956961	0.701335	0.53318	0.706594	0.969947	1.079391	0	0
2.053854	1.015857	1.276677	1.233856	1.170876	2.509368	1.856323	0	0	0
1.177722	1.096789	0.782126	0.391063	0.195531	0.097766	0	0	0	0
1.930629	0.548395	0	0	0	0	0	0	0	0
1.449804	0.274197	0	0	0	0	0	0	0	0
0.634174	0.137099	0	0	0	0	0	0	0	0
1.306548	0.385636	0	0	1.805179	1.516101	0	0	0	0
2.886591	1.333532	0.707409	0.353705	0.176852	0.088426	0.044213	1.469796	0	0
1.233216	1.183057	1.706233	1.029182	0.691443	0.132639	0.06632	0.01658	0	0
0.823137	1.132899	1.157978	1.331466	1.805179	1.475635	0.03316	0	0	0
0.790862	0.651334	1.623054	1.229447	1.433486	1.475635	1.240206	0.567556	0	0
1.210551	1.075352	0.681342	0.930615	1.268165	2.509368	1.378461	1.101951	2.269694	0.501435
0.841968	1.215485	1.092798	1.075863	1.462163	2.509368	0.856248	1.101951	1.171754	2.232379
0.840222	1.183607	0.549094	1.029182	2.12969	1.237705	0.913595	2.096952	1.171754	1.171754
1.27192	1.602967	0.904297	1.500806	1.268165	0.902739	0.757283	1.073154	1.171754	1.346608
1.021361	0.974293	1.014234	0.960264	0.959149	1.028919	0.88299	1.181609	0.88841	0.840341
0.745142	0.731635	0.673984	0.896702	1.400114	0.964823	0.897004	1.00311	1.056163	1.08269
1.435848	2.059592	1.119095	1.183689	0.973343	0.985304	1.984734	1.45463	1.109216	1.230062
0.824816	0.962589	1.601947	0.735123	0.625187	1.054523	0.997264	0.5432	0.641936	0.866475
0.674261	0.807023	1.065	0.839475	0.690232	1.167705	0.951107	1.554757	1.1412	2.462649
0.706332	1.26817	1.161791	0.967403	0.838067	0.820196	1.366302	1.046154	1.374862	0.696663
1.175236	0.847602	1.050293	1.060729	0.722744	0.562425	0.632507	0.834044	0.821687	0.67016
0.743744	0.643509	0.753857	0.605988	0.494781	0.781014	0.61303	0.453529	0.80949	0.926197
0.719327	1.006288	0.632278	0.64759	0.486081	1.009998	0.96516	0.687039	0.652579	0.84581
0.702509	0.818472	0.644602	0.593638	0.612431	0.610263	0.65174	0.500587	0.558253	0.560395
0.768138	0.574989	0.526871	0.577699	0.509405	0.219248	0.380909	0.488336	0.347237	0.393504
0.505863	0.346396	0.548183	0.698742	0.656493	0.470106	0.677965	0.653972	0.700636	0.504276
0.514831	0.670944	0.637837	0.64874	0.763786	0.62201	0.536581	0.486728	0.504833	0.552854
0.592165	0.377677	0.435044	0.425052	0.40295	0.32326	0.533927	0.383016	0.320237	0.376987
0.528215	0.538704	0.516594	0.329659	0.428245	0.482489	0.730126	0.628774	0.48894	0.612891
0.386046	0.536101	0.658458	0.602868	0.648452	0.558666	0.77229	0.751389	0.578972	0.441373

0.554478	0.421235	0.400021	0.480007	0.516066	0.452903	0.498381	0.482735	0.347237	0.422279
0.386046	0.316695	0.310309	0.408178	0.383971	0.450708	0.350964	0.559019	0.538477	0.537251
0.37278	0.447231	0.328583	0.594654	0.563917	0.655763	0.679195	0.57939	0.765413	0.767155
0.622744	0.620847	0.671559	0.513274	0.538449	0.564316	0.691696	0.468655	0.36787	0.478327
0.341284	0.443021	0.72148	0.536662	0.318583	0.405038	0.453636	0.443245	0.39678	0.388355
0.290761	0.309962	0.336337	0.476894	0.40295	0.20742	0.413741	0.379241	0.465751	0.492732
0.331994	0.413339	0.37427	0.562324	0.559258	0.401767	0.385271	0.134759	0.274801	0.375742
0.433902	0.416612	0.435044	0.354093	0.405544	0.243462	0.3711	0.34377	0.297453	0.334277
0.30526	0.306379	0.430162	0.332431	0.463202	0.35485	0.362696	0.395842	0.524883	0.521319
0.252654	0.323004	0.334107	0.392573	0.452199	0.603987	0.690429	0.488336	0.500593	0.497642
0.362799	0.377077	0.412493	0.399007	0.333755	0.314107	0.407764	0.3926	0.31857	0.363486
0.2972	0.313057	0.2329	0.330766	0.320184	0.190663	0.186692	0.338035	0.339599	0.380743
0.310374	0.285482	0.192155	0.279613	0.543782	0.451439	0.390311	0.390023	0.445964	0.402004
0.392213	0.384335	0.403269	0.225516	0.307543	0.290267	0.339541	0.379241	0.324154	0.325884
0.286845	0.195036	0.267253	0.370169	0.330459	0.317315	0.265125	0.312588	0.186991	0.405984
0.408025	0.296303	0.231581	0.348287	0.369962	0.380149	0.500826	0.431784	0.289597	0.450137
0.24418	0.348637	0.37733	0.442609	0.510232	0.359557	0.39158	0.519204	0.526671	0.430662
0.275779	0.281614	0.367013	0.305481	0.343795	0.350774	0.295616	0.281991	0.303306	0.443548
0.33963	0.286455	0.387897	0.440464	0.381502	0.428658	0.319708	0.325125	0.33324	0.453841
0.295706	0.340291	0.472377	0.537553	0.469186	0.502573	0.51579	0.516618	0.358038	0.316565
0.36982	0.441627	0.501622	0.386863	0.354074	0.465552	0.46931	0.524423	0.597554	0.43921
0.35933	0.440932	0.37733	0.443326	0.370562	0.288255	0.310648	0.459516	0.385631	0.346887
0.303737	0.405584	0.313479	0.439752	0.409465	0.513395	0.479304	0.503913	0.467311	0.577858
0.483073	0.468912	0.476215	0.495917	0.491597	0.453637	0.463272	0.37612	0.403474	0.329781
0.396583	0.429277	0.37366	0.415522	0.379659	0.498481	0.520895	0.372405	0.273799	0.172101
0.520636	0.315653	0.318276	0.493493	0.424152	0.539451	0.548272	0.465588	0.413713	0.346306
0.428466	0.505218	0.536509	0.761189	0.763786	0.591701	0.487151	0.409058	0.468877	0.432783
0.283447	0.480173	0.561116	0.486301	0.471451	0.405696	0.691696	0.561871	0.535724	0.589902
0.368642	0.504414	0.479311	0.368353	0.470695	0.450708	0.5547	0.462541	0.688764	0.668937
0.512367	0.653595	0.439982	0.272289	0.626267	0.713221	0.698084	0.517478	0.718378	0.567103
0.456349	0.519968	0.594228	0.552061	0.608261	0.532348	0.601544	0.351929	0.404826	0.393504
0.460691	0.452907	0.509876	0.444045	0.50122	0.309339	0.295107	0.404386	0.429898	0.445733
0.518969	0.451481	0.460315	0.439041	0.434458	0.414333	0.304365	0.499759	0.502284	0.47754
0.702509	0.742629	0.616017	0.495107	0.655335	0.506704	0.501644	0.535053	0.408905	0.287714
0.600111	0.496445	0.617082	0.665175	0.479861	0.404382	0.460284	0.403723	0.299572	0.328107
0.419777	0.482461	0.553679	0.496728	0.354652	0.496045	0.519187	0.554306	0.380482	0.667718
0.481544	0.539575	0.586207	0.668779	0.490014	0.568124	0.482426	0.481148	0.434221	0.383266
0.784685	0.662762	0.547274	0.658055	0.437249	0.476254	0.455104	0.439631	0.36601	0.454585
0.513187	0.620847	0.633384	0.474573	0.476784	0.442755	0.529539	0.369332	0.337856	0.558498
0.547318	0.680489	0.61815	0.535773	0.566737	0.730938	0.663464	0.624345	0.434945	0.375121
0.681455	0.465958	0.513222	0.489483	0.556487	0.396583	0.407105	0.383016	0.637288	0.479114
0.720648	0.756775	0.590199	0.509078	0.633903	0.421096	0.442777	0.423381	0.486483	0.395451
0.680248	0.582624	0.652631	0.532235	0.38459	0.361929	0.565946	0.637768	0.526671	0.481487
0.766664	0.667419	0.773284	0.752325	0.60516	0.527968	0.568804	0.711917	0.722577	0.492732
0.669531	0.974293	0.665555	0.512432	0.440057	0.561482	0.524332	0.492381	0.403474	0.422279
0.425104	0.566556	0.516594	0.461654	0.408809	0.299956	0.502463	0.419928	0.418575	0.554727
0.645508	0.369348	0.542756	0.913328	0.680322	0.464798	0.817294	0.692159	0.741259	0.539964

0.616454	0.434723	0.392961	0.504096	0.647315	0.552166	0.610919	0.512341	0.519563	0.613965
0.407381	0.583588	0.42602	0.483143	0.404894	0.439188	0.409085	0.448357	0.407541	0.563257
0.565444	0.387395	0.186182	0.418902	0.470695	0.43354	0.394129	0.520937	0.561153	0.391566
0.71019	0.6391	0.487148	0.530477	0.625187	0.705281	0.698084	0.594549	0.644278	0.739004
0.462878	0.455774	0.370022	0.399007	0.362829	0.43354	0.467036	0.467119	0.512569	0.537251
0.382995	0.431992	0.341961	0.422308	0.382118	0.29432	0.383396	0.473298	0.437127	0.303212
0.359906	0.378278	0.364024	0.52179	0.466932	0.357197	0.565946	0.516618	0.39678	0.270792
0.436645	0.364077	0.348234	0.449107	0.39399	0.281778	0.321327	0.424771	0.494727	0.623756
0.39408	0.2978	0.357522	0.428507	0.314344	0.383887	0.550099	0.359644	0.37413	0.422972
0.281517	0.316174	0.278845	0.247358	0.397807	0.384513	0.384021	0.378615	0.371615	0.390279
0.382995	0.393582	0.426708	0.309682	0.350048	0.307761	0.415081	0.401739	0.491411	0.412023
0.340732	0.370528	0.361648	0.25057	0.273124	0.417701	0.426636	0.388741	0.407541	0.461345
0.268712	0.292337	0.216479	0.261294	0.332104	0.316779	0.308019	0.329014	0.340765	0.300068
0.377557	0.28743	0.206006	0.246445	0.29627	0.404382	0.320247	0.385551	0.402127	0.300591
0.322899	0.242065	0.428086	0.390661	0.391463	0.390188	0.352123	0.230131	0.450451	0.48228
0.232845	0.210699	0.328034	0.426431	0.298806	0.312512	0.384021	0.346667	0.159212	0.212844
0.386046	0.375281	0.279335	0.330212	0.397168	0.35485	0.379053	0.257648	0.232304	0.262572
0.296203	0.310476	0.328583	0.318747	0.327188	0.318929	0.374142	0.306188	0.34783	0.459834
0.296702	0.314612	0.307685	0.363547	0.332104	0.330944	0.329512	0.203	0.248052	0.198558
0.288798	0.288407	0.235994	0.297198	0.371764	0.315174	0.311176	0.365067	0.246169	0.370798
0.292238	0.348076	0.290756	0.306527	0.321254	0.375829	0.262757	0.29988	0.223301	0.316023
0.345726	0.239436	0.349384	0.334661	0.32179	0.274423	0.374753	0.325679	0.21623	0.307972
0.215551	0.202596	0.244956	0.221621	0.261764	0.274909	0.363886	0.33633	0.296925	0.389636
0.200115	0.346955	0.38103	0.244624	0.174071	0.360742	0.2699	0.36689	0.225086	0.292819
0.413209	0.383726	0.239556	0.279613	0.294755	0.316243	0.259463	0.328456	0.300636	0.282166
0.765196	0.369938	0.264402	0.285064	0.369363	0.345588	0.413741	0.366281	0.300636	0.316565
0.847248	0.497235	0.557382	0.520074	0.292743	0.346735	0.314888	0.43391	0.304916	0.451614
0.653369	0.609433	0.663176	0.399656	0.145627	0.37216	0.385898	0.509796	0.505685	0.562301
0.582432	0.467433	0.286749	0.342557	0.288251	0.259136	0.519187	0.432491	0.386279	0.401344
0.595127	0.350326	0.375491	0.45423	0.318583	0.307236	0.46628	0.369332	0.311416	0.413377
0.406097	0.327262	0.345942	0.395135	0.338189	0.491212	0.465526	0.541377	0.461104	0.402665
0.452764	0.365827	0.320965	0.502448	0.396531	0.344443	0.31917	0.350168	0.378567	0.30638
0.438023	0.410739	0.389158	0.376893	0.42212	0.390823	0.279121	0.258596	0.271801	0.268844
0.473232	0.374684	0.341396	0.440464	0.353496	0.254467	0.444927	0.357256	0.265373	0.267873
0.31192	0.259098	0.34996	0.378126	0.409465	0.320007	0.346932	0.374878	0.400114	0.331461
0.36982	0.2978	0.273977	0.340286	0.343795	0.308812	0.337292	0.182214	0.444479	0.529212
0.408025	0.359445	0.341961	0.419581	0.331555	0.485641	0.537469	0.583381	0.860479	1.569543
0.486918	0.563782	0.499176	0.63625	0.526253	0.661653	0.917844	0.268734	0.134367	0
1.321756	1.602967	1.84375	0.249588	0.387921	1.460448	0	0	0	0
0.110333	0.055167	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

[illegible]

Md. Anowar Hossain Page 417 s3820066, RMIT University

0.247373	0.462738	0.284894	0.566318	0.88547	1.11435	1.234404	1.505182	0	0
0.413263	0.726214	0.503391	0.480665	0.603017	0.943863	0.83092	1.60166	0	0
0.407908	0.604596	0.585066	0.315371	0.516481	0.669235	0.695082	0.987876	0	0
0.495292	0.28723	0.410244	0.55476	0.771831	0.802664	0.858992	0.646938	0	0
0.353584	0.451182	0.453553	0.566318	0.641232	0.71253	0.983518	1.196435	0	0
0.474642	0.616669	0.533872	0.657189	0.558082	0.611993	0.641527	1.078134	0.516059	0
0.401963	0.426073	0.515684	0.520065	0.514722	0.735184	0.654611	1.032117	1.614192	0
0.442509	0.437708	0.429529	0.462613	0.56296	0.700288	0.680741	0.812838	0.406419	0
0.657015	0.452705	0.406073	0.150172	0.471309	0.461757	0.735331	0.972382	0.203209	0
0.495292	0.564311	0.560686	0.432902	0.499198	0.382679	0.590718	1.419135	0.101605	0
0.300085	0.3328	0.445902	0.486311	0.619463	0.542365	0.463347	0.744688	0.423146	0
0.358305	0.445142	0.518364	0.648847	0.533562	0.739566	0.654611	0.889496	1.342402	0
0.587365	0.602437	0.519261	0.511378	0.465	0.571277	1.012813	1.323931	0.444748	0
0.431134	0.398953	0.445902	0.460313	0.425364	0.559481	0.6427	1.6126	0.222374	0
0.457905	0.417546	0.401256	0.535245	0.634239	0.752985	0.675641	1.341375	0.111187	0
0.717727	0.435503	0.366422	0.373291	0.555181	0.732287	0.593857	1.122383	0.055594	0
0.621883	0.663635	0.740428	0.530725	0.61281	0.749967	0.857063	1.6126	0.027797	0
0.438922	0.646613	0.439129	0.599787	0.577932	0.729409	0.880796	0.428531	0.013898	0
0.645369	0.599218	0.447421	0.505398	0.685733	1.074479	1.541721	0.214266	0	0
0.537098	0.380476	0.493124	0.537066	0.680557	0.649702	0.57686	0.107133	0	0
0.389035	0.38177	0.575762	0.586293	0.527191	0.504018	1.612345	0.053566	0	0
0.369119	0.315772	0.420137	0.62474	0.768668	0.510034	1.272761	0.026783	0	0
0.429034	0.461958	0.434672	0.607231	0.861408	0.854922	0.641583	0.013392	0	0
0.598569	0.721938	0.486412	0.517441	0.847963	0.773131	2.543961	0.006696	0	0
0.614328	0.474611	0.581943	0.823806	1.067122	1.026441	2.044938	0.003348	0	0
0.512719	0.412649	0.355816	0.726162	0.645957	1.441187	0.432302	0.001674	0	0
0.39159	0.38633	0.399208	0.604025	0.459553	0.864603	0.580855	8.37E-04	0	0
0.401963	0.487643	0.48475	0.436507	0.543768	0.729409	2.543961	4.18E-04	0	0
0.286798	0.372792	0.64073	0.685786	0.797997	0.790939	3.404299	2.09E-04	0	0
0.401963	0.355984	0.534801	0.81854	0.617234	0.860705	0.39547	1.05E-04	0	0
0.480106	0.494308	0.452781	0.5634	0.553258	0.934563	0.197735	0	0	0
0.410577	0.431852	0.623269	0.743426	0.725224	1.257288	0.098867	0	0	0
0.392231	0.380476	0.571691	0.532527	0.847963	0.362612	0.049434	0	0	0
0.518687	0.395595	0.473292	0.64532	1.016889	0.181306	0	0	0	0
0.442509	0.481893	0.560686	0.659602	0.712579	0.090653	0	0	0	0
0.396098	0.383718	0.644308	0.701489	1.540252	0.045326	0	0	0	0
0.471551	0.380476	0.595643	0.612627	0.306314	0.022663	0	0	0	0
0.737161	0.694463	0.724294	1.010697	0.153157	0	0	0	0	0
0.624066	0.823755	0.63133	2.103338	0.076578	0	0	0	0	0
0.39159	0.61224	0.79277	1.150442	0.038289	0	0	0	0	0
0.499379	0.637177	0.905717	1.738639	0.019145	0	0	0	0	0
0.42764	0.677493	0.850367	1.507712	0.009572	0	0	0	0	0
0.408574	0.602437	0.735968	1.295941	0.004786	0	0	0	0	0
0.517829	0.829167	1.163814	2.103338	0.002393	0	0	0	0	0
0.570599	0.861178	2.009547	0.572224	0.001197	0	0	0	0	0
0.488833	0.507955	1.144447	0.286112	0	0	0	0	0	0
0.537995	0.599218	0.818821	0.143056	0	0	0	0	0	0

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0.358305	0.565298	0.553826	0.574198	0.754715	0.763717	1.355323	0	0	0
0.476197	0.777861	0.899207	0.952339	1.054769	1.243017	0.882652	0	0	0
0.692671	0.616669	0.584022	0.91811	0.987231	1.001586	1.514647	0.441326	0	0
0.474642	0.54976	0.508617	0.553811	0.992475	1.035053	0.899489	2.197286	0	0
0.487233	0.629086	0.77949	0.571226	1.005869	1.110884	1.331728	0.900552	0	0
0.405918	0.513185	0.663905	0.710918	0.722382	0.679341	0.901616	1.15204	0	0
0.408574	0.527447	0.751016	0.903016	0.750161	0.787647	0.899489	2.348554	0	0
0.430433	0.526542	0.671488	0.622512	0.728084	1.029293	1.136248	0.785044	0	0
0.537995	0.669879	0.518364	0.619192	0.833091	0.735184	0.6706	1.23647	0	0
0.591406	0.543133	0.295491	0.487124	0.573889	0.680621	0.705818	0.840024	0	0
0.380834	0.487643	0.471679	0.547222	0.576918	0.983192	1.004625	1.391639	0.391977	0
0.46015	0.633691	0.53854	0.594547	0.634239	0.678065	0.578386	0.783953	0.860459	0
0.385231	0.475414	0.381851	0.418776	0.554218	0.666745	0.532289	0.5164	0.894074	0
0.274884	0.457307	0.424447	0.461845	0.538171	0.534054	0.804552	0.759971	1.110827	0.321693
0.306357	0.245517	0.330672	0.451982	0.456471	0.637925	0.866795	0.607972	0.643386	1.151957
0.558202	0.533838	0.489755	0.209883	0.315449	0.544234	0.756183	0.472528	0.462793	0.532988
0.323539	0.386985	0.48475	0.462613	0.509485	0.608722	0.627689	0.511105	0.783899	1.063157
0.436074	0.405063	0.457429	0.451982	0.418979	0.652096	0.589677	0.7073	0.866205	0.992082
0.45124	0.38437	0.409546	0.317017	0.284918	0.32306	0.693759	0.710064	0.595353	0.661403
0.336887	0.29512	0.415162	0.413938	0.337064	0.43839	0.419041	0.67543	0.650367	0.812161
0.488033	0.4304	0.387118	0.360951	0.328403	0.435464	0.567382	0.767819	0.731373	0.833471
0.53442	0.541258	0.284894	0.443071	0.56198	0.596934	0.782928	0.889496	0.497667	0.422549
0.424173	0.328194	0.384476	0.389226	0.454173	0.355167	0.50578	0.704553	0.639936	0.690527
0.575464	0.490963	0.451243	0.55476	0.54283	0.417613	0.382696	0.738722	0.960596	1.204248
0.598569	0.515823	0.483922	0.57024	0.596608	0.597993	0.645056	0.512863	0.574176	0.893915
0.438922	0.545016	0.499942	0.591434	0.359812	0.42609	0.524165	0.532681	0.426291	0.904502
0.42625	0.46352	0.430992	0.530725	0.437688	0.53497	0.600202	0.717053	0.670781	0.842669
0.55539	0.491797	0.521963	0.447504	0.544707	0.701631	0.707179	0.616831	0.737064	0.599844
0.697827	0.693134	0.465288	0.475091	0.579968	0.428953	0.512692	0.509355	0.413187	0.581121
0.580383	0.447397	0.373426	0.509661	0.548487	0.647321	0.526856	0.400929	0.61653	0.86951
0.371559	0.356595	0.403314	0.466474	0.550389	0.732287	0.605562	0.640983	0.670781	0.589343
0.418002	0.524737	0.601029	0.668156	0.715358	0.585458	0.574352	0.396865	0.543769	0.38081
0.635147	0.645422	0.339486	0.497829	0.595549	0.523214	0.524165	0.333031	0.452259	0.271822
0.382085	0.569272	0.311889	0.43434	0.547539	0.39512	0.533201	0.633945	0.661055	0.651714
0.392231	0.544073	0.337118	0.436507	0.43112	0.601184	0.604485	0.624733	0.66589	0.671313
0.552597	0.795977	0.389776	0.207313	0.471309	0.43986	0.411387	0.409867	0.479088	0.557351
0.326286	0.547856	0.634831	0.411198	0.4113	0.323623	0.443591	0.461437	0.617616	0.801885
0.426944	0.336871	0.561675	0.461845	0.457239	0.39645	0.663147	0.648138	0.646862	0.824465
0.435365	0.36028	0.462128	0.767566	0.945043	0.720887	0.493942	0.38163	0.39262	0.66263
0.44323	0.409875	0.457429	0.353114	0.398348	0.593774	0.533201	0.596078	0.562522	0.546876
0.532643	0.589701	0.599946	0.363391	0.337064	0.469571	0.457172	0.632782	0.783899	0.926486
0.339721	0.567281	0.29069	0.385992	0.647146	0.570282	0.809699	0.859142	0.488682	0.507335
0.63966	0.516707	0.581943	0.508805	0.467355	0.308671	0.509222	0.461437	0.419345	0.465599
0.409909	0.332222	0.370228	0.381504	0.469723	0.463308	0.335626	0.346028	0.348892	0.45481
0.501024	0.359663	0.283326	0.427196	0.555181	0.466428	0.414155	0.5662	0.471252	0.603044
0.723191	0.584503	0.523774	0.509661	0.794639	0.725127	0.614278	0.361906	0.434062	0.51953
0.404595	0.439185	0.471679	0.522706	0.397677	0.502314	0.582458	0.473332	0.651542	0.558316

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0.160846	0	0	0	0	0	0	0	0	0
2.090609	0	0	0	0	0	0	0	0	0
1.885342	0	0	0	0	0	0	0	0	0
1.77729	0	0	0	0	0	0	0	0	0
0.821138	0	0	0	0	0	0	0	0	0
1.324654	0	0	0	0	0	0	0	0	0
1.384869	0	0	0	0	0	0	0	0	0
0.758811	0	0	0	0	0	0	0	0	0
0.732145	0.366072	0	0	0	0	0	0	0	0
1.330314	1.218533	0	0	0	0	0	0	0	0
1.002339	0.915791	0	0	0	0	0	0	0	0
1.207144	1.619371	0.457896	0	0	0	0	0	0	0
1.125283	0.998928	1.98014	0	0	0	0	0	0	0
0.567822	0.855066	0.872572	0	0	0	0	0	0	0
0.82468	0.857025	0.856046	0	0	0	0	0	0	0
1.18214	1.26618	1.001814	0.92893	0	0	0	0	0	0
0.676899	1.022222	1.099628	1.712942	2.415903	0	0	0	0	0
0.709742	0.931816	0.983066	1.660043	0.770498	0	0	0	0	0
0.84656	1.817356	1.023092	1.540996	0.877465	0	0	0	0	0
0.497128	0.619552	0.913014	1.063118	0.984431	0	0	0	0	0
0.605857	0.460548	0.594152	0.933386	1.256853	0	0	0	0	0
0.584885	0.737637	0.700346	1.08244	1.568314	0	0	0	0	0
0.790498	0.687022	0.82452	1.041611	1.261935	0	0	0	0	0
0.616736	0.66001	0.677706	0.679029	0.885884	0	0	0	0	0
0.539254	0.537021	0.494187	0.66119	1.145983	0.442942	0	0	0	0
0.469583	0.602836	0.796341	1.079159	1.277547	1.17512	0.221471	0	0	0
1.071863	0.994416	0.82452	0.864402	1.142086	0.721898	2.110032	0	0	0
0.983994	1.107627	0.639234	0.727122	0.955722	1.214493	0.360949	0	0	0
0.543887	0.830377	0.721352	0.786178	1.27228	1.511693	0.180475	0	0	0
0.525646	0.711593	0.841213	0.908417	0.981741	0.886477	0.987353	0.090237	0	0
0.613444	0.547481	0.781259	0.917332	0.933567	1.088228	1.434825	1.2076	0.045119	0
0.429852	0.462126	0.671266	0.803153	1.115748	1.335118	0.597152	0.67736	1.104907	0
0.663199	0.570201	0.525021	0.520582	0.657174	1.142887	0.853664	0.968379	1.427525	0.436661

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