

week	depress_c ount	manic_bipol ar_count	from_clock_ change_we ek	to_clock_ change_w eek	any_clock_ change_we ek	precipitati on	temperatu re	daylight
1	17.14286	14.5714283	0	0	0	0.623214	-0.68571	433.5714
2	14.42857	12	0	0	0	2.744643	1.6	448.8571
3	15.28571	12.5714283	0	0	0	2.548214	2.885714	468.4286
4	13.14286	12.4285717	0	0	0	5.966071	2.457143	492.4286
5	13.42857	12.5714283	0	0	0	3.803846	0.066667	519
6	14.57143	10.1428576	0	0	0	0.622449	NA	548.1429
7	11.85714	10.2857142	0	0	0	4.959184	NA	578.4286
8	13.57143	11.1428576	0	0	0	2.716327	NA	609.7143
9	15.71429	9	0	0	0	3.598113	4.125	641.4286
10	14.71429	11.1428576	0	0	0	1.003571	3.828571	673.7143
11	13.71429	11.1428576	0	0	0	1.467857	3.571429	706
12	16.57143	9.14285755	0	0	0	1.089286	7.171429	738.2857
13	16.57143	8.5714283	1	0	1	1.655357	5.228571	770.7143
14	18.57143	9.85714245	0	0	0	2.9625	6.885714	802.8571
15	13.85714	9.71428585	0	0	0	0.439286	8.485714	834.7143
16	13.85714	11.2857142	0	0	0	2.582143	6.828571	866.2857
17	14.71429	12.5714283	0	0	0	0.173214	12	897
18	17.28572	10.5714283	0	0	0	0	14.77143	926.7143
19	16.71428	12.7142859	0	0	0	2.251786	10.34286	955
20	14.28571	13.7142859	0	0	0	2.030357	10.15714	981.1429
21	13.57143	8	0	0	0	0.305357	14.54286	1004.714
22	14.85714	12.2857142	0	0	0	3.552542	15.14286	1024
23	13.85714	10	0	0	0	3.820635	13.94286	1039
24	15.28571	8.5714283	0	0	0	3.550794	14.74286	1048.571
25	11.85714	12.7142859	0	0	0	0.777778	16.34286	1052
26	15.71429	10	0	0	0	0.003175	22.62857	1048.857
27	14.71429	10.5714283	0	0	0	0.634921	17.8	1040.286
28	13.85714	10.1428576	0	0	0	0.831746	21.28571	1025.714
29	14.42857	10.5714283	0	0	0	2.101587	22.51429	1006.857
30	11.42857	12	0	0	0	0.465079	22.45714	983.7143
31	15.14286	9.14285755	0	0	0	0.026984	26.22857	958.4286
32	18.28572	9	0	0	0	0.063492	23.88571	930.7143
33	15.14286	10.4285717	0	0	0	0.349206	24.22857	901.2857
34	12.14286	9.71428585	0	0	0	2.765079	23.31429	871
35	14.42857	8.28571415	0	0	0	0.374603	17.85714	840.1429
36	13.85714	10.5714283	0	0	0	2.885714	17.25714	808.7143
37	18.28572	10.2857142	0	0	0	4.373016	17.57143	777
38	13.85714	8.4285717	0	0	0	0.949206	15.31429	745.2857
39	14	10.4285717	0	1	1	4.295238	12.48571	713.2857
40	17.14286	12.2857142	0	0	0	2.004762	14.37143	681.2857
41	18.71428	11.1428576	0	0	0	0.301587	15.42857	649.7143
42	18.85714	11.5714283	0	0	0	0.709524	12.8	618.2857
43	19.28572	9.5714283	0	0	0	1.07619	12	587
44	15.14286	12.2857142	0	0	0	3.093651	7.171429	556.8571
45	16.57143	9	0	0	0	1.747619	7.4	528
46	16	8.71428585	0	0	0	2.871429	4.114286	500.7143
47	14.85714	11.8571425	0	0	0	0.514286	4.857143	475.8571

48	15.71429	11.2857142	0	0	0	0.04918	4.542857	454.7143
49	14.57143	9.14285755	0	0	0	0.914286	1.257143	438
50	18.28572	8.14285755	0	0	0	0.308929	2.057143	427.1429
51	14.57143	10.1428576	0	0	0	2.482143	-0.65714	421.7143
52	10.42857	9.71428585	0	0	0	0.9125	-3.57143	423.5714
53	23.57143	11.8571425	0	0	0	0.006452	-2	431.5714
54	15.42857	11.2857142	0	0	0	0.573016	1.142857	445.5714
55	15.71429	13.1428576	0	0	0	0.036508	-0.05714	465
56	19.28572	13.1428576	0	0	0	0.153968	-1.91429	487.8571
57	14.42857	11.5714283	0	0	0	0.063492	-1.8	514.1429
58	19.85714	10	0	0	0	0.060317	-3.6	542.8571
59	14.57143	9.14285755	0	0	0	2.015873	-0.14286	573
60	17.28572	10.7142859	0	0	0	2.628571	-2.65714	604.1429
61	17.71428	11.5714283	0	0	0	0.57619	1.314286	635.7143
62	17.14286	13.1428576	0	0	0	0.049206	1.428571	668
63	19.28572	10.5714283	0	0	0	0.192063	0.342857	700.1429
64	18.14286	10.1428576	0	0	0	0.009524	1.8	732.5714
65	20.42857	10.1428576	0	0	0	0.985714	2.771429	765
66	15.71429	11.7142859	1	0	1	0.409524	4.371429	797.1429
67	23.71428	14.8571425	0	0	0	0.393651	6.671429	829.1429
68	17.42857	12.7142859	0	0	0	0.044444	12.68571	860.7143
69	17.71428	12	0	0	0	0.88254	16.4	891.5714
70	16.28572	12.1428576	0	0	0	1.246032	10.31429	921.5714
71	15.14286	13.2857142	0	0	0	1.130159	9.142857	950
72	17.42857	11	0	0	0	1.703175	12.54286	976.5714
73	15.71429	13	0	0	0	5.44127	10.97143	1000.714
74	19.14286	11.5714283	0	0	0	1.153968	13.8	1020.857
75	20.14286	10.2857142	0	0	0	0.228571	18.11429	1036.857
76	17.71428	12.7142859	0	0	0	1.685714	17.05714	1047.286
77	17.14286	12	0	0	0	0.552381	13.45714	1051.714
78	16.71428	12.2857142	0	0	0	0.374603	16.25714	1050.143
79	16.71428	12	0	0	0	4.130159	15.2	1042.143
80	14.57143	13.7142859	0	0	0	1.263492	17.8	1028.714
81	16	10.4285717	0	0	0	0.112698	18.6	1010.429
82	16.57143	10.8571425	0	0	0	0.35873	21.31429	988.1429
83	14.71429	11.2857142	0	0	0	1.114286	18.25714	963
84	15.57143	13.2857142	0	0	0	1.542857	21.68571	935.8571
85	19.57143	15	0	0	0	0.715873	22.8	906.5714
86	17.85714	13.1428576	0	0	0	0.436508	25.42857	876.2857
87	17.71428	11.8571425	0	0	0	4.333333	19.54286	845.5714
88	19	13.8571425	0	0	0	0.450794	17.2	814.2857
89	17.71428	10.4285717	0	0	0	2.18254	15	782.7143
90	19.28572	8.14285755	0	0	0	0.177778	13.98571	750.7143
91	15.85714	10.5714283	0	0	0	0.92381	13.37143	718.8571
92	16	14.5714283	0	0	0	5.532203	13.34286	687
93	20.14286	12.2857142	0	0	0	0.6125	12.25714	655.2857
94	18.85714	11.5714283	0	0	0	1.658929	12.08571	623.7143
95	18.28572	11.5714283	0	0	0	1.325	10.42857	592.5714
96	19.57143	10.2857142	0	1	1	4.916071	10.68571	562.1429
97	22.71428	11.4285717	0	0	0	5.516071	9.542857	533

98	22.42857	10.7142859	0	0	0	2.876786	6.285714	505.2857
99	20	12.1428576	0	0	0	3.603571	5.428571	480
100	19.57143	10	0	0	0	2.2625	2.714286	458.2857
101	22.57143	11	0	0	0	3.126786	5.057143	440.4286
102	18	11.1428576	0	0	0	0.448214	1.914286	428.5714
103	18.14286	7.71428585	0	0	0	1.875	0.928571	422.2857
104	16	6.85714293	0	0	0	0.096429	-1.97143	422.7143
105	17.14286	11	0	0	0	0.258929	-2.02857	429.7143
106	18.57143	13.4285717	0	0	0	0.041071	-1.82857	442.7143
107	19.71428	11.4285717	0	0	0	0.239286	1	461
108	16.28572	13	0	0	0	0.192857	1.457143	483.5714
109	20.14286	12.2857142	0	0	0	0.019643	2.485714	509.2857
110	17.57143	9.14285755	0	0	0	2.126786	3.542857	537.5714
111	12.85714	10.8571425	0	0	0	3.183929	3.285714	567.4286
112	15.71429	10.8571425	0	0	0	4.373214	4.057143	598.2857
113	17.57143	14.5714283	0	0	0	1.630357	7.485714	630
114	18.85714	10.7142859	0	0	0	0.726786	8.685714	662.1429
115	19.28572	12	0	0	0	0.657143	7.428571	694.5714
116	18.28572	9	0	0	0	1.580357	3.028571	726.8571
117	15.85714	11.4285717	0	0	0	1.994643	5.171429	759.1429
118	21.71428	12.8571425	1	0	1	0.885714	5.928571	791.4286
119	21.42857	12.4285717	0	0	0	0.675	5.928571	823.4286
120	17	11.7142859	0	0	0	0.110714	8.714286	855.2857
121	18.71428	10.8571425	0	0	0	2.476786	8	886.1429
122	18.71428	9.14285755	0	0	0	1.1125	13	916.4286
123	19.28572	16	0	0	0	3.442857	10.11429	945
124	22.71428	14	0	0	0	0.992857	15.85714	972.2857
125	18.57143	13	0	0	0	3.092857	10.65714	996.5714
126	15.71429	11.7142859	0	0	0	1.5875	13.54286	1017.571
127	19.28572	12.5714283	0	0	0	0	18.85714	1034.143
128	19.71428	11.4285717	0	0	0	0.7375	20.08571	1045.714
129	22	12.8571425	0	0	0	0.957143	17	1051.429
130	16.71428	10.1428576	0	0	0	6.396429	16.22857	1050.857
131	18.14286	12.8571425	0	0	0	1.5	19.54286	1044.143
132	16.85714	16	0	0	0	0.108929	21	1031.571
133	18.28572	11.7142859	0	0	0	3.130357	21.48571	1013.857
134	17	9.85714245	0	0	0	1.141071	22.82857	992.2857
135	20.85714	12.4285717	0	0	0	3.948214	20.11429	967.5714
136	19.28572	15.1428576	0	0	0	0.2	23.74286	941
137	17.14286	14.1428576	0	0	0	0	27.11429	911.7143
138	18.28572	14.1428576	0	0	0	0.551786	25.65714	882
139	19.85714	13	0	0	0	5.078571	22.37143	851.1429
140	19.42857	12.7142859	0	0	0	2.316071	20.6	819.7143
141	16.42857	13.7142859	0	0	0	2.6	16.51429	788.2857
142	21.28572	11.8571425	0	0	0	1.453571	15.74286	756.4286
143	19.71428	11.4285717	0	0	0	0	15.37143	724.5714
144	18.14286	11	0	0	0	0.825	14.34286	692.7143
145	20.57143	13.8571425	0	0	0	8.064286	14.11429	660.7143
146	20.71428	12.2857142	0	0	0	1.657143	9.828571	629.2857
147	21	13.4285717	0	0	0	1.075	8.3	598

148	23	10.2857142	0	1	1	0.267857	7.885714	567.4286
149	19.14286	13.2857142	0	0	0	1.769643	6.828571	538
150	21	11	0	0	0	1.839286	7.571429	510.1429
151	23.28572	12	0	0	0	0.271429	5.571429	484.2857
152	17.57143	14	0	0	0	0.548214	2.828571	462
153	24.85714	13.1428576	0	0	0	1.4125	3.2	443.5714
154	21.71428	12.4285717	0	0	0	4.032143	6.314286	430.1429
155	20	15.2857142	0	0	0	0.55	1.342857	423
156	15.14286	8.4285717	0	0	0	3.676786	4.057143	422.1429
157	18.42857	10.4285717	0	0	0	1.376786	4.714286	428
158	19.71428	12.1428576	0	0	0	5.792857	5.6	440.1429
159	18.14286	13.1428576	0	0	0	0.978571	5.828571	457.4286
160	18.14286	13.1428576	0	0	0	2.455357	1.557143	479.4286
161	19.85714	11.4285717	0	0	0	0.185714	1.5	504.4286
162	19.57143	12	0	0	0	1.396429	2.228571	532.4286
163	16.28572	14.4285717	0	0	0	2.826786	7.114286	562
164	21.57143	11.5714283	0	0	0	1.069643	7.357143	592.8571
165	19.14286	11.5714283	0	0	0	1.419643	7.971429	624.2857
166	16.85714	10.7142859	0	0	0	6.591071	3.742857	656.4286
167	19.57143	13	0	0	0	1.308929	3.714286	688.7143
168	22.28572	12.2857142	0	0	0	0.317857	6.628571	721
169	20.85714	11	0	0	0	0.757143	7.914286	753.4286
170	20.28572	14.2857142	1	0	1	3.171429	7.285714	785.8571
171	15.28571	12.7142859	0	0	0	1.951786	7.285714	817.7143
172	22.28572	15.1428576	0	0	0	2.466071	7.714286	849.5714
173	19.71428	16.4285717	0	0	0	1.025	11.11429	880.5714
174	18.57143	12.7142859	0	0	0	2.607143	12.94286	911.1429
175	23.14286	12.1428576	0	0	0	1.8625	13.72857	940
176	25.14286	10.8571425	0	0	0	0.9125	15.5	967.5714
177	17.28572	14.7142859	0	0	0	0.221429	15.28571	992.4286
178	18.71428	12.5714283	0	0	0	0.753571	15.57143	1013.857
179	20.14286	12.2857142	0	0	0	0.767857	15.94286	1031.714
180	22.42857	14.7142859	0	0	0	2.716071	16.58571	1044.143
181	20.14286	9.4285717	0	0	0	0.894545	16.94286	1051
182	20	11.8571425	0	0	0	1.516071	19.54286	1051.429
183	15.85714	13.4285717	0	0	0	4.407143	17.37143	1045.714
184	21.28572	12.2857142	0	0	0	2.278571	16.71429	1034
185	17.57143	14.7142859	0	0	0	3.641071	16.91429	1017.429
186	18.71428	14.4285717	0	0	0	2.398214	20.31429	996.5714
187	21.28572	13	0	0	0	4.492857	18.71429	972.2857
188	19.42857	13.4285717	0	0	0	1.723214	17.82857	945.7143
189	19.28572	14.8571425	0	0	0	1.358929	20.42857	917
190	22.85714	11.4285717	0	0	0	3.519643	18.42857	887.2857
191	17.71428	14.2857142	0	0	0	1.326786	16.51429	856.5714
192	19.85714	15	0	0	0	0.316071	17.11429	825.2857
193	16.42857	14.5714283	0	0	0	3.748214	18.02857	793.7143
194	20.42857	12.5714283	0	0	0	5.044643	14.28571	762.1429
195	19.14286	14.5714283	0	0	0	0.026786	14.65714	730.2857
196	25.42857	12.7142859	0	0	0	0.798214	13.05714	698.2857
197	20.85714	10.7142859	0	0	0	2.207143	10.4	666.5714

198	18.57143	11.2857142	0	0	0	6.366071	11.25714	634.7143
199	21.42857	12	0	0	0	5.419643	10.4	603.5714
200	19.28572	13.7142859	0	1	1	7.939286	8.342857	572.7143
201	22.42857	10.4285717	0	0	0	4.416071	4.828571	543.1429
202	21	12.2857142	0	0	0	2.773214	6.028571	515
203	21.71428	12.2857142	0	0	0	1.2125	1.057143	488.8571
204	19.71428	11.2857142	0	0	0	0.355357	0.657143	465.4286
205	24.42857	13.7142859	0	0	0	0.807143	0.442857	446.4286
206	22.28572	11.8571425	0	0	0	0.353571	-1.37143	432.1429
207	21.85714	14.4285717	0	0	0	2.407143	5.028571	423.5714
208	16.14286	8.85714245	0	0	0	3.855357	2.914286	421.8571
209	25.42857	14.5714283	0	0	0	1.416071	4.028571	426.2857
210	23.42857	18.4285717	0	0	0	3.467857	3.971429	437.2857
211	22	12.1428576	0	0	0	3.008929	1.514286	454
212	20.85714	13.1428576	0	0	0	1.635714	5.114286	475.1429
213	23.42857	14	0	0	0	1.823214	2.2	499.8571
214	23.85714	14.8571425	0	0	0	1.660714	4.314286	527.1429
215	24.85714	15.2857142	0	0	0	1.230357	-0.3	556.7143
216	22.14286	14	0	0	0	2.342857	2.885714	587.2857
217	25.71428	11.8571425	0	0	0	2.396429	3.571429	618.7143
218	25.57143	15.8571425	0	0	0	4.901786	5	650.5714
219	26.14286	15	0	0	0	3.553571	2.714286	683
220	30.28572	12.1428576	0	0	0	1.751786	4.114286	715.2857
221	27.28572	15.2857142	0	0	0	2.244643	7.028571	747.7143
222	23.85714	14.1428576	1	0	1	0.433929	10.48571	780
223	25.57143	15	0	0	0	1.048214	10.65714	812.1429
224	26	12.7142859	0	0	0	3.330357	7.685714	843.7143
225	22	12.8571425	0	0	0	1.142857	10.08571	875.1429
226	21.57143	9.85714245	0	0	0	0.121429	13.22857	905.7143
227	26.57143	13	0	0	0	0	13.17143	935
228	26	12.7142859	0	0	0	4.696429	10.48571	962.7143
229	28.28572	12.1428576	0	0	0	0.517857	16	988.1429
230	24.85714	11.2857142	0	0	0	0.542857	17.37143	1010.714
231	23.71428	13.4285717	0	0	0	2.766071	14.77143	1029
232	24.85714	15.4285717	0	0	0	7.714286	15.68571	1042.286
233	20.71428	10.7142859	0	0	0	0.9	19.17143	1050.286
234	25.42857	16.2857151	0	0	0	2.308929	14.08571	1051.714
235	25.85714	16	0	0	0	3.251786	18.9	1047
236	22.42857	17	0	0	0	1.694643	20.35714	1036.714
237	19.42857	15	0	0	0	1.621429	21.54286	1020.571
238	23.71428	12.2857142	0	0	0	1.821429	21.05714	1000.571
239	22.42857	14.1428576	0	0	0	0.0125	21.82857	976.7143
240	20.28572	14.1428576	0	0	0	0	25.88571	950.5714
241	26.85714	11	0	0	0	3.383929	19.94286	922.2857
242	23	14.7142859	0	0	0	6.892857	17.34286	892.5714
243	26	16	0	0	0	0.857143	18.6	862
244	24	13.8571425	0	0	0	1.319643	19.85714	831
245	23.57143	16.4285717	0	0	0	0.021429	22	799.5714
246	23.85714	15	0	0	0	0.796429	19.45714	767.7143
247	22	17	0	0	0	4.605357	18.6	735.8571

248	23.14286	11.2857142	0	0	0	9.066071	15.51429	704
249	25.14286	12	0	0	0	6.517857	12.74286	672.2857
250	21.42857	15.4285717	0	0	0	1.401786	11.54286	640.4286
251	23	10.8571425	0	0	0	0.316071	8.628571	609.1429
252	28.71428	11.8571425	0	0	0	1.725	11.48571	578.1429
253	29	8.85714245	0	1	1	0.991071	10.2	548.2857
254	28	10.5714283	0	0	0	0.791071	8.957143	520
255	26.42857	13	0	0	0	2.560714	3.8	493
256	21.14286	10.8571425	0	0	0	1.325	5.857143	469.2857
257	24.71428	10.2857142	0	0	0	5.1875	5.885714	449.2857
258	28.42857	13.7142859	0	0	0	4.267857	6.085714	434.2857
259	22.71428	14.8571425	0	0	0	5.239286	2	424.7143
260	17.71428	11.5714283	0	0	0	3.9875	2.142857	421.5714
261	20.42857	12.1428576	0	0	0	2.723214	3.114286	425.1429
262	27.57143	14.5714283	0	0	0	1.678571	5.114286	435.1429
263	23.85714	12.4285717	0	0	0	0.891071	3.142857	450.8571
264	25.57143	13.7142859	0	0	0	0.335714	4.614286	471.2857
265	23.71428	10.8571425	0	0	0	2.223214	3.057143	495.1429
266	25	13.8571425	0	0	0	3.958929	6.1	522
267	25.28572	13.4285717	0	0	0	2.619643	NA	551.4286
268	26.42857	14.5714283	0	0	0	2.892857	2.825	581.8571
269	24	15	0	0	0	1.194643	4.271429	613.2857
270	26.14286	11.5714283	0	0	0	4.069643	5.471429	645
271	28.57143	14.7142859	0	0	0	3.517857	5.371429	677.1429
272	22.57143	14.2857142	0	0	0	1.264286	4.857143	709.5714
273	24.42857	14.4285717	0	0	0	0.455357	7.357143	742
274	22.42857	13.2857142	1	0	1	1.357143	5.771429	774.1429
275	27.42857	13.4285717	0	0	0	0.898214	8.714286	806.4286
276	25.42857	12	0	0	0	1.221429	8.3	838.2857
277	24	11.5714283	0	0	0	0.95	11.38571	869.7143
278	22.57143	12.2857142	0	0	0	2.407143	14.61429	900.2857
279	26.57143	10.7142859	0	0	0	0.073214	17.61429	930
280	25.85714	13	0	0	0	0	17.67143	958
281	22	14.7142859	0	0	0	0.896429	18.41429	984
282	25.57143	13.8571425	0	0	0	3.523214	15.5	1007
283	20	12.7142859	0	0	0	2.642857	15.7	1026.143
284	28.14286	14	0	0	0	2.848214	14.98571	1040.429
285	22.14286	10.4285717	0	0	0	0.475	17.31429	1049.143
286	24.57143	12.2857142	0	0	0	1.55	20.82857	1051.857
287	23.71428	15.4285717	0	0	0	3.780357	14.8	1048.571
288	27.28572	14.2857142	0	0	0	0.183929	19.4	1038.714
289	27	11.4285717	0	0	0	3.010714	16.54286	1023.714
290	24.28572	13.7142859	0	0	0	0.567857	19.57143	1004
291	23.28572	12.8571425	0	0	0	1.330357	20.24286	981.1429
292	25.71428	13	0	0	0	1.223214	19.02857	955.2857
293	24.42857	12.4285717	0	0	0	1.007143	18.57143	927.4286
294	27	14.2857142	0	0	0	1.517857	19.95714	898
295	25.42857	10.7142859	0	0	0	0.953571	19.7	867.5714
296	25.57143	14.7142859	0	0	0	2.032143	17.85714	836.7143
297	24.57143	15.1428576	0	0	0	4.269643	17.14286	805.2857

298	27.14286	11.8571425	0	0	0	3.366071	15.37143	773.4286
299	25.14286	13.4285717	0	0	0	0.2125	15.42857	741.7143
300	29.71428	14.1428576	0	0	0	1.041071	16.1	709.7143
301	28.42857	13.5714283	0	0	0	1.2375	14.77143	677.7143
302	28.71428	13.1428576	0	0	0	2.269643	11.98571	646.2857
303	26.85714	11	0	0	0	0.291071	12.48571	614.7143
304	34.57143	14.2857142	0	0	0	4.485714	12.58571	583.7143
305	29.71428	11.8571425	0	1	1	6.576786	10.15714	553.4286
306	30.42857	15.5714283	0	0	0	3.5875	8.928571	525
307	28.42857	10.8571425	0	0	0	3.346429	7.742857	497.7143
308	29.28572	13.4285717	0	0	0	3.333929	7.1	473.2857
309	30.28572	13.2857142	0	0	0	1.885714	8.757143	452.5714
310	29.42857	12.5714283	0	0	0	2.428571	8.3	436.4286
311	30.28572	14.5714283	0	0	0	4.551786	8.285714	426.1429
312	25.71428	12.2857142	0	0	0	0.392857	3.371429	421.5714
313	23.28572	11.4285717	0	0	0	1.603571	1.557143	424.1429
314	36.42857	15.4285717	0	0	0	2.932143	4.285714	432.7143
315	29.14286	12.1428576	0	0	0	0.960714	4.257143	447.5714
316	31	15.7142859	0	0	0	0.203571	0.014286	467.1429
317	24.28572	14.4285717	0	0	0	2.342857	3.614286	490.8571
318	28	13.7142859	0	0	0	0.444643	0.071429	517
319	23.85714	13.8571425	0	0	0	3.121429	1.685714	546.1429
320	26.85714	14.5714283	0	0	0	2.907143	4.128571	576.4286
321	31.42857	14.5714283	0	0	0	0.282143	3.114286	607.2857
322	31.71428	12.8571425	0	0	0	1.401786	0.457143	639.2857
323	28.42857	11.2857142	0	0	0	0.580357	3.571429	671.4286
324	33.57143	12.5714283	0	0	0	2.823214	6.657143	703.8571
325	27.42857	10.5714283	0	0	0	1.041071	2.014286	736.1429
326	27.71428	11.4285717	1	0	1	0.657143	3.557143	768.5714
327	30.42857	10.1428576	0	0	0	1.65	7.628571	800.7143
328	24.14286	12	0	0	0	1.226786	6.957143	832.7143
329	34.85714	13.1428576	0	0	0	1.705357	6.914286	864.1429
330	34.57143	16.5714283	0	0	0	2.544643	9.514286	895
331	33.28571	15.2857142	0	0	0	1.7125	12.27143	924.8571
332	27.57143	10.5714283	0	0	0	0.030357	17	953
333	27.28572	16.2857151	0	0	0	1.592857	15.21429	979.5714
334	31.28572	16	0	0	0	0	16.64286	1002.857
335	32.14286	13.7142859	0	0	0	1.610714	15.62857	1023
336	25.14286	15.1428576	0	0	0	3.978571	14.31429	1038.286
337	28.85714	12.1428576	0	0	0	1.333929	15.12857	1048
338	28.57143	10.8571425	0	0	0	1.541071	17.38571	1051.857
339	33	14.2857142	0	0	0	0.703571	20.62857	1049.571
340	29	12.5714283	0	0	0	1.028571	23.14286	1041.143
341	29	16.7142849	0	0	0	4.721429	20.31429	1027
342	29.57143	14.8571425	0	0	0	1.491071	19.72857	1008
343	26.85714	14.4285717	0	0	0	0.317857	23.25714	985.5714
344	28	16.1428566	0	0	0	0.785714	22.27143	960
345	34.14286	14.1428576	0	0	0	6.246429	19	932.5714
346	29.71428	14.5714283	0	0	0	2.808929	22.68571	903.2857
347	29.57143	13.7142859	0	0	0	1.798214	21.68571	873

348	29.85714	13.8571425	0	0	0	2.217857	18.57143	842.1429
349	31.14286	16.1428566	0	0	0	4.167857	17.65714	810.7143
350	28.28572	12.4285717	0	0	0	4.991071	14.72857	779.1429
351	34	14.7142859	0	0	0	6.735714	15.47143	747.2857
352	29.85714	13	0	0	0	1.525	12.95714	715.2857
353	26.71428	13.1428576	0	0	0	3.967857	15.64286	683.4286
354	32.14286	12.1428576	0	0	0	3.357143	16.1	651.7143
355	28.28572	13	0	0	0	0.114286	14.21429	620.2857
356	32.42857	16.2857151	0	0	0	0.7125	11.81429	589
357	33.28571	13.2857142	0	1	1	1.896429	11.8	558.7143
358	27.14286	15.5714283	0	0	0	4.416071	7.557143	530
359	32.57143	14.1428576	0	0	0	0.882143	8	502.2857
360	38.14286	12.2857142	0	0	0	1.85	7.057143	477.5714
361	29.14286	13.2857142	0	0	0	2.332143	5.342857	456.1429
362	34.85714	15.4285717	0	0	0	1.985714	4.128571	439
363	26	12	0	0	0	0.141071	3.214286	427.2857
364	29	12	0	0	0	1.246429	2.114286	421.8571
365	21.28572	10.7142859	0	0	0	5.198214	0.5	423.1429
366	41.71429	21.8571434	0	0	0	0.776786	-1.01429	431
367	30	15.7142859	0	0	0	0.321429	2.271429	444.5714
368	30.42857	12.2857142	0	0	0	1.128571	3.2	463.2857
369	27.57143	12.4285717	0	0	0	5.510714	6.014286	486.2857
370	26.42857	12.2857142	0	0	0	5.7125	7.028571	512.2857
371	29.71428	15.2857142	0	0	0	3.173214	8.385714	540.8571
372	26.57143	14.2857142	0	0	0	2.091071	6.042857	570.8571
373	29.28572	10.7142859	0	0	0	5.2625	3.557143	601.7143
374	31.42857	12.2857142	0	0	0	4.285714	4.657143	633.5714
375	28.42857	15.2857142	0	0	0	2.780357	6.8	665.8571
376	27.14286	15.5714283	0	0	0	0.944643	6.271429	698
377	30.57143	15.7142859	0	0	0	1.417857	6.714286	730.4286
378	23.85714	13.2857142	1	0	1	0.003571	7.7	762.8571
379	27.85714	15.8571425	0	0	0	0	10.51429	795
380	32.71429	15.2857142	0	0	0	0.180357	9.085714	827
381	27.57143	15.1428576	0	0	0	0.541071	7.814286	858.7143
382	31	13.7142859	0	0	0	1.458929	12.92857	889.5714
383	34.85714	15.1428576	0	0	0	3.642857	11.48571	919.5714
384	28.71428	13.2857142	0	0	0	0.633929	14.62857	948
385	34	16	0	0	0	0.710714	15.88333	975
386	26.57143	18.1428566	0	0	0	2.403571	17.54286	999.1429
387	26.42857	12.1428576	0	0	0	2.026786	17.21429	1019.714
388	30.28572	11.8571425	0	0	0	0.732143	21.01429	1035.857
389	27.57143	11.4285717	0	0	0	3.644643	17.58571	1046.857
390	28.14286	14.1428576	0	0	0	5.594643	21.42857	1051.714
391	24.71428	13	0	0	0	1.792857	17.25714	1050.429
392	26.71428	12.2857142	0	0	0	7.160714	17.31429	1043
393	27.42857	12.8571425	0	0	0	4.2375	20.22857	1029.714
394	28.28572	17.4285717	0	0	0	3.6	21.88571	1011.714
395	29	14.4285717	0	0	0	2.401786	19.44286	989.5714
396	27.14286	15.4285717	0	0	0	3.673214	23.75	964.7143
397	29	18.2857151	0	0	0	2.076786	22.92857	937.5714

398	30.14286	15.5714283	0	0	0	1.358929	23.47143	908.5714
399	28	13.4285717	0	0	0	1.391071	25.61429	878.2857
400	31	13	0	0	0	1.691071	22.55714	847.5714
401	31	14	0	0	0	0.685714	21.47143	816.2857
402	34.14286	13.8571425	0	0	0	0.425	22.24286	784.7143
403	34.28571	15.1428576	0	0	0	0.232143	17.9	752.8571
404	30.85714	13	0	0	0	2.698214	14.04286	721
405	24.71428	14.5714283	0	0	0	0.910714	15.64286	689.1429
406	31	12.8571425	0	0	0	2.117857	8.342857	657.2857
407	22.85714	12.1428576	0	0	0	5.2	6.942857	625.7143
408	31.85714	14	0	0	0	5.717857	8.885714	594.5714
409	32.42857	15	0	1	1	3.223214	8.171429	564
410	25.85714	9.28571415	0	0	0	3.260714	5.614286	535
411	35.42857	12	0	0	0	2.155357	6.4	507.1429
412	30.14286	14.7142859	0	0	0	2.541071	4.071429	481.5714
413	26.42857	12.7142859	0	0	0	2.807143	5.714286	459.2857
414	28.57143	18.4285717	0	0	0	0.621429	3.742857	441.4286
415	30.42857	11.4285717	0	0	0	0.005357	0.442857	428.8571
416	32.42857	12.5714283	0	0	0	0.080357	1.2	422.2857
417	17.28572	12.7142859	0	0	0	3.773214	0.771429	422.2857
418	29.71428	11.1428576	0	0	0	1.641071	-2.84286	429
419	33.42857	14.5714283	0	0	0	1.1125	-2.08571	441.5714
420	30	11.1428576	0	0	0	1.0875	5.328571	459.8571
421	28.42857	13.8571425	0	0	0	1.801786	4.157143	481.8571
422	27.71428	15	0	0	0	3.146429	1.785714	507.4286
423	32	14.1428576	0	0	0	2.153571	0.742857	535.5714
424	23.57143	14.8571425	0	0	0	0.0125	0.2	565.4286
425	32.57143	13.8571425	0	0	0	0	-0.18571	596.2857
426	31.57143	12.8571425	0	0	0	0.007143	0.314286	627.8571
427	32.42857	15.2857142	0	0	0	1.292857	1.528571	660
428	30.85714	15.1428576	0	0	0	1.208929	7.157143	692.4286
429	27.57143	11.8571425	0	0	0	0.001786	6.942857	724.7143
430	29.28572	18.2857151	0	0	0	0.017857	10.14286	757
431	28.71428	15.1428576	1	0	1	0.701786	9.15	789.4286
432	29.85714	14.4285717	0	0	0	0.805357	NA	821.4286
433	28.42857	11.7142859	0	0	0	0.007143	NA	853.1429
434	31	10.5714283	0	0	0	0.164286	NA	884.1429
435	31.71428	14.2857142	0	0	0	6.842857	NA	914.4286
436	35	14.4285717	0	0	0	0.519643	14.9	943
437	30.28572	12.1428576	0	0	0	2.717857	12.58571	970.5714
438	31.42857	11	0	0	0	4.635714	15	995.2857
439	26	15	0	0	0	1.264286	19.07143	1016.429
440	27.42857	15.8571425	0	0	0	1.057143	19.75714	1033.429
441	29.28572	12.4285717	0	0	0	2.944643	19.52857	1045.429
442	28.14286	17.4285717	0	0	0	1.533929	18.1	1051.286
443	28.57143	13.1428576	0	0	0	2.101786	20.12857	1051
444	28.42857	9.71428585	0	0	0	7.6875	18.82857	1044.571
445	23.71428	14.2857142	0	0	0	0.448214	20.51429	1032.714
446	25.85714	12.4285717	0	0	0	0.971429	23.4	1015.286
447	27.28572	14.5714283	0	0	0	1.332143	24	993.8571

448	30.14286	12.7142859	0	0	0	1.960714	24.04286	969.2857
449	29.71428	13.8571425	0	0	0	0.153571	26.11429	942.4286
450	27.57143	13.7142859	0	0	0	0.4	24.75714	913.7143
451	33.57143	11.7142859	0	0	0	0.892857	21.23333	884
452	23.71428	12.4285717	0	0	0	2.341071	18.72857	853.1429
453	35	10.8571425	0	0	0	1.369643	16.85714	821.7143
454	30.42857	12.4285717	0	0	0	3.353571	17.05714	790.2857
455	35.85714	9.85714245	0	0	0	0.073214	19.47143	758.5714
456	37.85714	13.1428576	0	0	0	1.887037	16.05714	726.7143
457	31.14286	12.8571425	0	0	0	0.766071	13.78571	694.7143
458	37	13.1428576	0	0	0	4.278571	11.8	662.8571
459	29.71428	11	0	0	0	0.123214	10.58571	631.2857
460	34.14286	13.5714283	0	0	0	2.314286	6.171429	600
461	31.42857	13.1428576	0	1	1	1.725	7.171429	569.2857
462	35.28571	14.1428576	0	0	0	1.814545	9.114286	540
463	30.28572	16.2857151	0	0	0	0.07963	6.214286	511.8571
464	37.28571	12	0	0	0	3.45283	8.828571	486
465	30.42857	12.1428576	0	0	0	2.571698	7.028571	463
466	31.28572	12.7142859	0	0	0	0.705556	6.485714	444.5714
467	31.57143	11.8571425	0	0	0	1.652941	5.171429	431
468	28.71428	12.2857142	0	0	0	2.667925	5.7	423.1429
469	21	11.2857142	0	0	0	3.284615	4.114286	421.8571
470	25	11.5714283	0	0	0	2.32963	1.014286	427.2857
471	38.42857	15.1428576	0	0	0	2.033929	0.528571	439.1429
472	31	15	0	0	0	5.821429	2.542857	456.2857
473	31.85714	14.2857142	0	0	0	1.389286	-0.05714	477.7143
474	28.28572	13.4285717	0	0	0	2.191071	-0.95714	502.8571
475	28.42857	13	0	0	0	5.923214	6.671429	530.4286
476	32.57143	12.2857142	0	0	0	1.558929	2.128571	560
477	30.85714	11.5714283	0	0	0	0.048214	3.514286	590.7143
478	31.57143	10.2857142	0	0	0	1.055357	1.957143	622.2857
479	30.14286	14.1428576	0	0	0	0.075	2.842857	654.4286
480	32.57143	12.7142859	0	0	0	0.133929	2.728571	686.5714
481	27.42857	13	0	0	0	3.094643	9.142857	719
482	26.71428	14.2857142	0	0	0	2.991071	3.885714	751.2857
483	26.57143	9.71428585	1	0	1	0.242857	6.657143	783.5714
484	27.28572	11.5714283	0	0	0	2.591071	7.257143	815.7143
485	26.71428	12.8571425	0	0	0	0	10.37143	847.2857
486	32.42857	13.5714283	0	0	0	2.130357	11.07143	878.7143
487	28.28572	15	0	0	0	0.951786	12.1	909.1429
488	28	13.2857142	0	0	0	2.121429	13.04286	938
489	27.85714	15.2857142	0	0	0	0.691071	13.77143	965.7143
490	24	13.5714283	0	0	0	0.058929	12.84286	991
491	30.42857	14	0	0	0	1.030357	13.07143	1012.857
492	29	12.8571425	0	0	0	0.221429	16.02857	1030.714
493	26.71428	11.1428576	0	0	0	1.492857	17.35714	1043.571
494	32.14286	13.2857142	0	0	0	1.680357	14.91429	1050.714
495	24.28572	13.5714283	0	0	0	5.766071	14.57143	1051.429
496	26.28572	14.5714283	0	0	0	1.919643	15.84286	1046.429
497	24.42857	12	0	0	0	4.523214	15.92857	1035

498	23.28572	15.8571425	0	0	0	1.5625	16.71429	1018.429
499	25.42857	12.7142859	0	0	0	3.425	17.9	997.7143
500	26.57143	12.1428576	0	0	0	0.778571	18.34286	974
501	26.85714	14.5714283	0	0	0	0.921429	23.08571	947.2857
502	27.28572	14.7142859	0	0	0	1.385714	22.65714	918.8571
503	25.42857	13.2857142	0	0	0	5.660714	19.54286	889.2857
504	30.85714	15.7142859	0	0	0	4.498214	17.22857	858.5714
505	27.71428	12.8571425	0	0	0	4.807143	17.85714	827.5714
506	24.71428	11.8571425	0	0	0	0	20.1	796
507	28.85714	15.8571425	0	0	0	4.133929	16.27143	764.2857
508	32.28571	15	0	0	0	4.651786	14.21429	732.2857
509	27.14286	17	0	0	0	1.507143	13.77143	700.4286
510	29.85714	12.7142859	0	0	0	2.832143	13.08571	668.5714
511	26	11.2857142	0	0	0	0.926786	9.828571	636.7143
512	28	14.4285717	0	0	0	5.742857	11.47143	605.5714
513	30	14.1428576	0	0	0	3.946429	11.1	574.7143
514	28	13.4285717	0	1	1	1.041071	9.828571	545
515	31	12	0	0	0	2.428571	7.628571	516.5714
516	31.85714	13.7142859	0	0	0	1.198214	5.585714	490.2857
517	28	14.5714283	0	0	0	3.325	6.342857	467
518	27.28572	12.1428576	0	0	0	1.292857	5.557143	447.2857
519	28.71428	12.4285717	0	0	0	0.048214	6.328571	432.7143
520	34.57143	14.4285717	0	0	0	1.989286	5.414286	424.1429
521	22.57143	10.2857142	0	0	0	4.830357	3.485714	421.5714
522	26.28572	14.8571425	0	0	0	1.7125	3.214286	426
523	36.42857	12.4285717	0	0	0	3.057143	6.642857	436.4286
524	30.14286	13.5714283	0	0	0	1.519643	NA	452.7143
525	27.14286	12.1428576	0	0	0	3.107143	NA	473.5714
526	27.28572	13.1428576	0	0	0	0.451786	1.4	498.1429
527	26.57143	13.4285717	0	0	0	0.153571	4.928571	525.2857
528	32.14286	12.8571425	0	0	0	1.085714	1.885714	554.7143
529	30	15.1428576	0	0	0	3.835714	-0.12857	585.2857
530	28.14286	10.4285717	0	0	0	1.260714	0.642857	616.7143
531	25.28572	12.5714283	0	0	0	1.498214	-0.95714	648.5714
532	31.57143	16	0	0	0	1.109259	2.385714	681
533	29.14286	14.4285717	0	0	0	3.248214	3.271429	713.1429
534	26.71428	14.2857142	0	0	0	0.708929	4.814286	745.5714
535	35.28571	15.7142859	1	0	1	0.826786	5.985714	778
536	24.71428	19.5714283	0	0	0	1.2625	9.285714	810.1429
537	33	16.4285717	0	0	0	1.401786	9.957143	841.7143
538	31.28572	16.1428566	0	0	0	0.141071	8.228571	873.1429
539	35.14286	16.7142849	0	0	0	0.780357	10.15714	903.8571
540	30	14	0	0	0	3.235714	11.77143	933.2857
541	33.28571	15.8571425	0	0	0	1.508929	11.34286	961.1429
542	36.71429	13.8571425	0	0	0	1.666071	12.27143	986.7143
543	31	14.1428576	0	0	0	1.555357	17.62857	1009
544	28.57143	18.7142849	0	0	0	4.196429	13.45714	1028
545	27.57143	11.5714283	0	0	0	0.925	14.58571	1041.857
546	30.71428	15.5714283	0	0	0	2.689286	16.35714	1049.714
547	30.57143	14.2857142	0	0	0	0.153571	20.08571	1051.857

548	27.42857	14.1428576	0	0	0	0.360714	19.45714	1047.857
549	27.14286	14.8571425	0	0	0	2.028571	19.9	1037.571
550	25.28572	19.7142849	0	0	0	2.141071	21.71429	1021.857
551	25.57143	16.4285717	0	0	0	3.939286	18.42857	1001.857
552	29.28572	16.1428566	0	0	0	1.748214	16.68571	978.4286
553	27.71428	19.1428566	0	0	0	6.389286	17.71429	952
554	30	13.2857142	0	0	0	2.098214	17.4	924
555	30.14286	14.2857142	0	0	0	0.185714	20.12857	894.5714
556	28.71428	13.2857142	0	0	0	2.3125	18.6	864.1429
557	28.42857	15.8571425	0	0	0	0.644643	19.42857	833.1429
558	30.14286	13.2857142	0	0	0	0	19.64286	801.7143
559	28.57143	13.5714283	0	0	0	0.564286	15.64286	769.7143
560	28.71428	15.5714283	0	0	0	0.083929	16.45714	738
561	30.85714	11.8571425	0	0	0	3.130357	14.1	706.1429
562	32.57143	17.4285717	0	0	0	0.946429	14.6	674.2857
563	38.14286	16.4285717	0	0	0	0.167857	14.72857	642.4286
564	32.85714	15.5714283	0	0	0	2.5125	11.62857	611.1429
565	33.85714	16.2857151	0	0	0	4.853571	11.94286	580
566	32.71429	16	0	1	1	2.801786	12.8	550.2857
567	36.57143	18	0	0	0	2.123214	11.1	521.2857
568	34.14286	17.4285717	0	0	0	1.730357	6.916667	494.7143
569	29.57143	18	0	0	0	2.328571	4.642857	470.7143
570	30.71428	11.4285717	0	0	0	0.680357	2.714286	450.4286
571	37.14286	11	0	0	0	1.094643	4.5	435.1429
572	34.85714	15.8571425	0	0	0	1.878571	5.371429	425.1429
573	26.85714	13.8571425	0	0	0	1.828571	4.142857	421.5714
574	20	12.5714283	0	0	0	2.067857	0.514286	424.7143
575	38.71429	16.1428566	0	0	0	1.075	0.485714	434.2857
576	36	13.4285717	0	0	0	0.594643	1.542857	449.4286
577	33.71429	19.1428566	0	0	0	3.007143	-0.7	469.4286
578	36	15.2857142	0	0	0	0.289286	-2.07143	493.5714
579	32	12.4285717	0	0	0	0.0125	0.542857	520.2857
580	33.42857	16.5714283	0	0	0	4.139286	1.7	549.4286
581	32	12.1428576	0	0	0	2.192857	1.714286	579.8571
582	32.57143	15.7142859	0	0	0	0.533929	1.142857	611.2857
583	33.71429	14.8571425	0	0	0	1.551786	0.285714	642.8571
584	32.85714	16.1428566	0	0	0	0.480357	-1.61429	675.1429
585	28.42857	11.7142859	0	0	0	0.039286	0.128571	707.5714
586	37.71429	15.5714283	0	0	0	0.041071	3.657143	739.8571
587	34.14286	16.2857151	1	0	1	3.9	6.185714	772.1429
588	34.28571	15.4285717	0	0	0	2.158929	6.628571	804.4286
589	26	13.4285717	0	0	0	2.144643	7.385714	836.2857
590	34.14286	15.2857142	0	0	0	1.846429	9.157143	867.7143
591	28.85714	10.8571425	0	0	0	0.517857	9.3	898.4286
592	30.28572	15	0	0	0	0.857143	12.88571	928.1429
593	33.57143	11.5714283	0	0	0	0.003571	16.02857	956.4286
594	38.28571	14.8571425	0	0	0	3.592857	11.51429	982.4286
595	32	14.8571425	0	0	0	3.592857	12.2	1005.714
596	34.71429	17.7142849	0	0	0	2.416071	13.34286	1025
597	35.57143	14.8571425	0	0	0	0.119643	16.21429	1039.714

598	32.71429	20.5714283	0	0	0	0.108929	19.91429	1048.857
599	32.71429	20.1428566	0	0	0	0.932143	18.17143	1052
600	32.71429	17.5714283	0	0	0	1.378571	17.95714	1048.857
601	29	13.4285717	0	0	0	0.033929	24	1039.714
602	33.28571	14.8571425	0	0	0	1.203571	20.28571	1025
603	29.57143	18.2857151	0	0	0	0.146429	24.35714	1005.857
604	29.85714	17.2857151	0	0	0	0.878571	23.82857	982.7143
605	30.42857	17.5714283	0	0	0	6.742857	22.08571	956.8571
606	29.14286	17.2857151	0	0	0	2.639286	20.55714	929
607	35.42857	13.4285717	0	0	0	8.214286	19.95714	899.8571
608	35.71429	17.2857151	0	0	0	3.4375	20.42857	869.5714
609	33.85714	14.2857142	0	0	0	4.380357	18.25714	838.5714
610	32.57143	13.8571425	0	0	0	2.258929	17.82857	807.2857
611	36	13.1428576	0	0	0	0	19.45714	775.4286
612	38	17.5714283	0	0	0	0.146429	19.11429	743.7143
613	35.28571	13.1428576	0	0	0	1.083929	18.64286	711.7143
614	33.71429	18.1428566	0	0	0	5.069643	15.97143	679.7143
615	34.71429	16.4285717	0	0	0	0.666071	14.8	648.2857
616	33.57143	11.8571425	0	0	0	1.739286	13.52857	616.7143
617	31.57143	11.8571425	0	0	0	5.1375	13.94286	585.5714
618	36.85714	13.4285717	0	1	1	4.103571	8.257143	555.4286
619	35.14286	15.5714283	0	0	0	3.580357	10.54286	526.1429
620	37.57143	15.2857142	0	0	0	2.8	10.18571	499.4286
621	40.28571	13.1428576	0	0	0	3.855357	7.971429	474.7143
622	34.71429	13.2857142	0	0	0	1.607143	9.285714	453.7143
623	33.57143	12.2857142	0	0	0	5.473214	9.028571	437.2857
624	35.42857	15.4285717	0	0	0	4.3875	8.214286	426.2857
625	32.28571	14.4285717	0	0	0	0.832143	6.871429	421.5714
626	28	15.4285717	0	0	0	0.525	6.214286	423.5714
627	31.85714	17.4285717	0	0	0	4.834	7.185714	432
628	38	13.8571425	0	0	0	4.626531	7.985714	446.4286
629	35.42857	14	0	0	0	5.122449	7.085714	466
630	30	10.4285717	0	0	0	2.653061	1.085714	489.1429
631	36.57143	14.2857142	0	0	0	1.765306	6.157143	515.2857
632	33.14286	13.8571425	0	0	0	0.902041	2.342857	544.2857
633	32	11	0	0	0	1.330612	2.757143	574.4286
634	31.14286	14.7142859	0	0	0	5.330612	1.471429	605.2857
635	37.28571	13.1428576	0	0	0	3.969388	4.971429	637.2857
636	38.28571	15.8571425	0	0	0	2.342857	6.214286	669.4286
637	34.28571	14.8571425	0	0	0	0.716327	9.385714	701.8571
638	31.28572	16.8571434	0	0	0	1.687755	5.957143	734
639	34.57143	14.5714283	1	0	1	0	9.485714	766.4286
640	32.71429	15.2857142	0	0	0	0.008163	9.914286	798.7143
641	40.71429	17.2857151	0	0	0	0.883673	11.54286	830.7143
642	32	13.8571425	0	0	0	0.34898	11.74286	862.2857
643	34.71429	15.4285717	0	0	0	0.179592	14.72857	893
644	32.42857	15	0	0	0	0.010204	14.45714	923
645	35	14.4285717	0	0	0	2.3	12.21429	951.7143
646	29	14.7142859	0	0	0	2.6	13.58571	978
647	33.42857	14.8571425	0	0	0	1.087755	15.7	1001.714

648	26.57143	13	0	0	0	2.340816	15.52857	1021.857
649	28.42857	16.2857151	0	0	0	0.338776	19.35714	1037.571
650	28.42857	15.2857142	0	0	0	1.093878	19.45714	1047.857
651	32.14286	15.5714283	0	0	0	4.753061	18.92857	1051.857
652	34.85714	15.7142859	0	0	0	8.504082	16.07143	1049.714
653	33.71429	17.5714283	0	0	0	7.106122	18.12857	1041.714
654	29.71428	11.8571425	0	0	0	1.967347	18.2	1028
655	30.71428	18	0	0	0	2.004082	20.61429	1009.429
656	28.42857	14.2857142	0	0	0	5.930612	17.47143	987.1429
657	31.57143	16.4285717	0	0	0	1.487755	18.4	961.7143
658	34.71429	15.4285717	0	0	0	0.716327	22.14286	934
659	35.71429	17.4285717	0	0	0	1.977551	19.58571	905.1429
660	35.28571	16.1428566	0	0	0	2.502041	19.38571	875
661	37	14	0	0	0	2.302041	15.91429	844.1429
662	34.42857	17.1428566	0	0	0	1.183673	16.44286	812.7143
663	31.71428	15.5714283	0	0	0	2.202041	15.25714	781.1429
664	35.71429	14.2857142	0	0	0	3.493878	15.71429	749.2857
665	30	16	0	0	0	2.316327	14.15714	717.4286
666	29.71428	19.5714283	0	0	0	3.518367	13.3	685.4286
667	30.42857	14.7142859	0	0	0	0.269388	11.48571	653.7143
668	29.14286	13.8571425	0	0	0	1.179592	11.61429	622.2857
669	31.14286	11.7142859	0	0	0	0.022449	8.6	591
670	33.28571	12	0	1	1	1.322449	10.57143	560.7143
671	36.42857	12.8571425	0	0	0	3.153061	8.314286	531.2857
672	35.85714	13.1428576	0	0	0	0.593878	5.314286	504
673	32.28571	11.7142859	0	0	0	0.385714	5.142857	478.8571
674	28	11.7142859	0	0	0	2.389796	5.928571	457.2857
675	35.71429	14	0	0	0	6.106122	7.328571	440.1429
676	38.42857	13.8571425	0	0	0	0.84898	4.985714	427.8571
677	30.57143	11.2857142	0	0	0	0.002041	0.928571	422.1429
678	19.85714	8.5714283	0	0	0	1.642857	4.714286	422.8571
679	35.42857	14.5714283	0	0	0	0.938776	1.8	430
680	37.28571	12.8571425	0	0	0	3.959184	5.128571	443.5714
681	31	13.2857142	0	0	0	3.034694	5.8	462
682	32.14286	13	0	0	0	1.82449	5.442857	484.7143
683	29.57143	14.8571425	0	0	0	2.869388	5.028571	510.5714
684	31.14286	14.8571425	0	0	0	1.432653	6.014286	539.1429
685	32.57143	14.2857142	0	0	0	0.038776	3.7	569
686	37	13.4285717	0	0	0	0.646939	6.514286	599.8571
687	23.71428	14.2857142	0	0	0	2.895918	7.671429	631.5714
688	26.85714	13.5714283	0	0	0	2.010204	5.714286	663.7143
689	34.28571	11.1428576	0	0	0	3.646939	6.428571	696
690	26	15.2857142	0	0	0	2.538776	3.428571	728.4286
691	31.14286	16.7142849	0	0	0	1.395918	3.628571	760.7143
692	36.14286	11.2857142	1	0	1	2.065306	8.028571	793
693	29.42857	16.4285717	0	0	0	1.367347	7.285714	825.1429
694	24.28572	11.8571425	0	0	0	0.902041	8.771429	856.7143
695	33.57143	12.8571425	0	0	0	0.079592	10.48571	887.5714
696	27.71428	13.2857142	0	0	0	2.369388	13.36667	917.7143
697	31.42857	12	0	0	0	0.002041	NA	946.8571

698	29.57143	15.4285717	0	0	0	0.010204	14.975	973.4286
699	28.28572	14.1428576	0	0	0	0.267347	13.44286	997.7143
700	30.14286	11.8571425	0	0	0	1.387755	16.3	1018.429
701	28	15.5714283	0	0	0	0	20.24286	1035
702	33	16.1428566	0	0	0	0.963265	18.22857	1046.429
703	31.57143	14.7142859	0	0	0	1.920408	17.32857	1051.429
704	29.57143	15.8571425	0	0	0	1.64898	16.48571	1050.714
705	29.42857	16.1428566	0	0	0	0.783673	20.85714	1043.571
706	32	16.2857151	0	0	0	2.614286	19.3	1030.714
707	25.28572	14.4285717	0	0	0	1.916327	18.58571	1012.857
708	28.85714	13.2857142	0	0	0	1.763265	19.41429	991.2857
709	28.42857	15.4285717	0	0	0	0.316327	24.57143	966.2857
710	29	17.7142849	0	0	0	6.826531	18.91429	939
711	34.28571	13.1428576	0	0	0	3.2	18.17143	910.4286
712	30.14286	13.1428576	0	0	0	3.808163	19.35714	880.2857
713	26	14.4285717	0	0	0	4.332653	18.34286	849.5714
714	33.14286	12.7142859	0	0	0	4.259184	17.77143	818.2857
715	34.28571	15.4285717	0	0	0	1.234694	17.22857	786.7143
716	29	15.1428576	0	0	0	0.528571	13.72857	754.8571
717	31	15.1428576	0	0	0	0.491837	14.65714	723
718	34	15.8571425	0	0	0	6.446939	11.97143	691.1429
719	36.57143	13.8571425	0	0	0	3.077551	13.2	659.2857
720	31.57143	17.2857151	0	0	0	3.497959	12.34286	627.7143
721	38.85714	18	0	0	0	2.769388	11.4	596.5714
722	34.42857	19	0	1	1	4.259184	8.742857	566
723	32	14.2857142	0	0	0	0.42449	9	536.4286
724	33	10.8571425	0	0	0	5.834694	9.571429	508.5714
725	32.57143	17	0	0	0	1.730612	6.185714	483.2857
726	32.85714	15.1428576	0	0	0	0.814286	5.2	461
727	30.71428	12.7142859	0	0	0	2.563265	4.142857	442.5714
728	37.14286	16.2857151	0	0	0	1.387755	3.514286	429.7143
729	33.14286	15.7142859	0	0	0	0.883673	4.785714	422.7143
730	21	11	0	0	0	0.395918	4.842857	422.1429
731	31.42857	18.2857151	0	0	0	0.140816	1.3	428.5714
732	46	20.8571434	0	0	0	0.62449	1.771429	440.8571
733	36.14286	19.5714283	0	0	0	1.116327	2.485714	458.2857
734	36.42857	13.4285717	0	0	0	3.808163	2.757143	480.4286
735	30.28572	15	0	0	0	0.116327	1.071429	505.8571
736	33.57143	15.4285717	0	0	0	0.897959	1.542857	533.8571
737	29.71428	14.2857142	0	0	0	1.279592	1.085714	563.5714
738	41	15.1428576	0	0	0	1.083673	0.171429	594.2857
739	33.71429	16	0	0	0	1.477551	4.085714	625.8571
740	32.14286	20	0	0	0	1.259184	4.228571	658
741	39	15.2857142	0	0	0	2.408163	5.557143	690.2857
742	38.42857	17.4285717	0	0	0	1.061224	6.414286	722.5714
743	35.57143	18.7142849	0	0	0	1.991837	4.128571	755
744	37.42857	14.5714283	1	0	1	0.336735	7.585714	787.2857
745	30.85714	14.2857142	0	0	0	0.667347	11.35714	819.2857
746	32.85714	17.2857151	0	0	0	0.104082	10.62857	851.1429
747	32.71429	19.7142849	0	0	0	0.193878	12.07143	882.1429

748	35.71429	16.2857151	0	0	0	0.320408	14.64286	912.5714
749	33.14286	15.7142859	0	0	0	3.661224	11.91429	941.8571
750	36.42857	17.5714283	0	0	0	0.218367	12.22857	968.8571
751	38.42857	14.5714283	0	0	0	2.871429	15.22857	993.4286
752	39	13.8571425	0	0	0	1.702041	16.01429	1015.143
753	33.28571	15	0	0	0	0.881633	15.72857	1032.571
754	39	17.4285717	0	0	0	5.2	13.77143	1044.571
755	30.71428	14.4285717	0	0	0	0.812245	15.88571	1051
756	31.71428	13.8571425	0	0	0	0.195918	18.64286	1051.286
757	29.57143	14.7142859	0	0	0	0	22.57143	1045.286
758	30.57143	15.8571425	0	0	0	1.828571	19.54286	1033.429
759	28.85714	17.8571434	0	0	0	1.573469	21.81429	1016.429
760	34.57143	12.2857142	0	0	0	3.985714	19.8	995.2857
761	30	18.2857151	0	0	0	2.336735	19.57143	971
762	27.57143	16.2857151	0	0	0	0.810204	21.4	944
763	35.14286	15.8571425	0	0	0	2.485714	20.68571	915.5714
764	37.42857	16	0	0	0	2.061224	20.37143	885.7143
765	41.57143	17.5714283	0	0	0	1.728571	19.48571	855
766	33.71429	14.5714283	0	0	0	6.153061	16.75714	823.7143
767	36.42857	17.2857151	0	0	0	0.655102	18.01429	792.2857
768	33.28571	14.2857142	0	0	0	0.402041	16.71429	760.5714
769	37.28571	17.1428566	0	0	0	0.242857	17.07143	728.7143
770	32.57143	16.2857151	0	0	0	2.259184	13.38571	696.7143
771	36.85714	17.4285717	0	0	0	3.567347	11.45714	664.8571
772	29	13.1428576	0	0	0	1.291837	8.357143	633.2857
773	36.85714	10.4285717	0	0	0	0.259184	9.442857	602
774	37.85714	18.5714283	0	1	1	4.079592	9.371429	571.2857
775	38.57143	19.2857151	0	0	0	3.3	6.271429	541.5714
776	40.57143	15	0	0	0	3.530612	6.971429	513.4286
777	40	15.4285717	0	0	0	3.969388	10.58571	487.4286
778	37.57143	14.7142859	0	0	0	5.620408	8.671429	464.4286
779	37	15.5714283	0	0	0	2.465306	5.357143	445.5714
780	35.57143	13.4285717	0	0	0	2.208163	5.814286	431.5714
781	32.57143	12	0	0	0	2.383673	0.457143	423.5714
782	31.71428	11.7142859	0	0	0	3.379592	0.328571	421.7143
783	29.42857	12.8571425	0	0	0	1.018367	0.3	426.8571
784	43.42857	18.5714283	0	0	0	1.497959	-2.08571	438
785	38.14286	15.5714283	0	0	0	0.185714	-0.37143	454.8571
786	32	16.1428566	0	0	0	0.585714	-1.4	476.1429
787	32.14286	16.5714283	0	0	0	1.277551	-1.78571	501.2857
788	30.57143	14.7142859	0	0	0	2.030612	-1	528.7143
789	39	15.1428576	0	0	0	0.385714	-2.92857	558.1429
790	34.28571	14	0	0	0	1.826531	-0.48571	588.8571
791	30	14.1428576	0	0	0	1.693878	-0.61429	620.2857
792	36.28571	18.4285717	0	0	0	1.989796	0.471429	652.1429
793	35.71429	16.5714283	0	0	0	0.057143	1.3	684.5714
794	34.85714	16.5714283	0	0	0	0.25102	5.485714	717
795	36.57143	16.8571434	0	0	0	2.038776	8.128571	749.1429
796	30.28572	14.7142859	1	0	1	1.818367	7.6	781.5714
797	38.42857	16.4285717	0	0	0	1.104082	8.314286	813.7143

798	33.85714	17.2857151	0	0	0	0.028571	9.628571	845.2857
799	33.14286	18.4285717	0	0	0	0.802041	7.757143	876.7143
800	36.28571	19.2857151	0	0	0	0.791837	13.15714	907.2857
801	40.14286	17.8571434	0	0	0	0.930612	8.442857	936.7143
802	36	20.1428566	0	0	0	1.695918	8.314286	964.1429
803	35.28571	18.8571434	0	0	0	2.032653	15.18571	989.5714
804	31.14286	18.1428566	0	0	0	0.806122	13.42857	1011.714
805	33.57143	18.5714283	0	0	0	2.02449	16.24286	1029.714
806	34.57143	14.8571425	0	0	0	5.179592	14.9	1043
807	37.71429	16.1428566	0	0	0	0.177551	14.3	1050.429
808	36.85714	14.5714283	0	0	0	0.5	17.1	1051.714
809	36.85714	13.8571425	0	0	0	0.118367	21.21429	1046.714
810	36	12.7142859	0	0	0	1.042857	21.07143	1035.857
811	33.71429	15.2857142	0	0	0	3.030612	22.94286	1019.714
812	31.14286	13.4285717	0	0	0	0.838776	22.07143	999.4286
813	29.71428	15.1428576	0	0	0	4.163265	19.3	975.5714
814	33.14286	17.2857151	0	0	0	2.022449	19.84286	949
815	35.71429	17	0	0	0	3.210204	18.85714	920.7143
816	40.14286	15.7142859	0	0	0	7.871429	19.45714	891
817	37.42857	14.7142859	0	0	0	3.37551	17.7	860.5714
818	38.14286	16.4285717	0	0	0	1.234694	16.35714	829.2857
819	32.14286	13.4285717	0	0	0	0.891837	16.65714	797.8571
820	43	16.8571434	0	0	0	5.726531	15.34286	766.2857
821	41	16.4285717	0	0	0	2.157143	15.08571	734.2857
822	37.42857	13.1428576	0	0	0	0.510417	12.27143	702.4286
823	44.85714	18	0	0	0	1.334694	13.08571	670.7143
824	40.28571	18.4285717	0	0	0	0.642857	10.82857	638.7143
825	31.57143	16.7142849	0	0	0	4.767347	8.485714	607.5714
826	35.71429	16	0	0	0	4.126531	9.214286	576.7143
827	45.85714	17.8571434	0	1	1	3.804082	9.242857	546.7143
828	43.14286	16.5714283	0	0	0	3.457143	6.085714	518.1429
829	43.57143	18.4285717	0	0	0	3.287755	5.414286	491.8571
830	40.42857	13.5714283	0	0	0	3.465306	1.471429	468.2857
831	38.14286	15	0	0	0	0.971429	-1.47143	448.5714
832	41.42857	15.2857142	0	0	0	2.371429	0.885714	433.5714
833	35.57143	14.7142859	0	0	0	1.546939	-1.31429	424.2857
834	28	11.1428576	0	0	0	1.295918	-4.45714	421.7143
835	27	14.2857142	0	0	0	0.471429	-2.3	425.4286
836	48.85714	19.2857151	0	0	0	1.740816	0.214286	435.5714
837	33.28571	20	0	0	0	2.893878	1.414286	451.5714
838	40	13.4285717	0	0	0	2.128571	2.571429	472.2857
839	32.42857	17.8571434	0	0	0	0.265306	0.314286	496.5714
840	36.71429	14.2857142	0	0	0	2.338776	3.557143	524
841	37.71429	17.4285717	0	0	0	1.64898	3.828571	552.8571
842	37.85714	15.7142859	0	0	0	0.97551	-0.95714	583.2857
843	29.42857	16.8571434	0	0	0	0.236735	-2.14286	614.7143
844	35.28571	14.8571425	0	0	0	0.340816	0.514286	646.5714
845	35.28571	13.2857142	0	0	0	1.508163	4.057143	678.8571
846	41.14286	19.2857151	0	0	0	0.795918	4.214286	711.1429
847	28.14286	20.1428566	0	0	0	0.016327	7.685714	743.4286

848	36.42857	17.5714283	1	0	1	1.955102	8.357143	775.8571
849	33.71429	15.2857142	0	0	0	0.944898	10.57143	808
850	32.57143	21	0	0	0	0.940816	10.57143	839.7143
851	29	13.4285717	0	0	0	0.032653	14.17143	871.1429
852	31.42857	18.8571434	0	0	0	0	14.1	902
853	36	16.2857151	0	0	0	0.740816	11.07143	931.5714
854	31.28572	19.1428566	0	0	0	0.246939	15.71429	959.5714
855	33.28571	18.2857151	0	0	0	2.336735	14.14286	985.1429
856	31.57143	17.2857151	0	0	0	2.281633	14.37143	1008
857	32.28571	15.4285717	0	0	0	1.842857	17.44286	1026.857
858	38	20.2857151	0	0	0	2.869388	19.02857	1041.143
859	32.28571	15	0	0	0	2.483673	16.78571	1049.571
860	32.14286	16.8571434	0	0	0	2.257143	16.38571	1051.857
861	34.42857	16.5714283	0	0	0	2.061224	18.08571	1048
862	32.28571	16.7142849	0	0	0	5.732653	20.1	1038.143
863	31	17.8571434	0	0	0	5.281633	18.25714	1023
864	30.85714	16.1428566	0	0	0	5.140816	18.38571	1003
865	26.42857	16.2857151	0	0	0	2.67551	19.31429	979.8571
866	30.57143	17.7142849	0	0	0	0.797959	21.45714	953.8571
867	33.28571	16	0	0	0	7.428571	17.47143	925.8571
868	39.57143	15.7142859	0	0	0	4.708163	18.62857	896.4286
869	30.42857	16.8571434	0	0	0	2.861224	19.38571	866
870	31.14286	13.5714283	0	0	0	3.5	16.75714	835
871	39.14286	17.5714283	0	0	0	5.871429	17.21429	803.7143
872	32.42857	15.8571425	0	0	0	2.728571	16.65714	771.7143
873	34.57143	16.5714283	0	0	0	3.673469	15.21429	740
874	37.28571	19.1428566	0	0	0	0.389796	18.88571	708.1429
875	36	15.7142859	0	0	0	2.308163	15.07143	676.2857
876	32.14286	14.7142859	0	0	0	2.406122	11.48571	644.7143
877	37	15.5714283	0	0	0	2.597959	11.17143	613.2857
878	36.28571	16.2857151	0	0	0	0.269388	10.05714	582
879	41.71429	15.8571425	0	1	1	0.322449	10.75714	552
880	40.14286	18.5714283	0	0	0	0.010204	7.771429	523
881	39.57143	18.4285717	0	0	0	0.1	6.314286	496.5714
882	39.85714	15.4285717	0	0	0	0.82449	7.171429	472.2857
883	36.28571	13.4285717	0	0	0	2.346939	7.328571	451.7143
884	38	21	0	0	0	5.865306	4.285714	436.1429
885	43.57143	20.5714283	0	0	0	3.05102	4.828571	425.5714
886	31.28572	13.8571425	0	0	0	1.677551	4.5	421.7143
887	27.85714	15	0	0	0	1.218367	6.257143	424.2857
888	44.14286	18.2857151	0	0	0	6.083929	5.557143	433.5714
889	41.57143	16.4285717	0	0	0	1.195918	5.285714	448.2857
890	38.71429	16.8571434	0	0	0	3.128571	3.742857	468.2857
891	35.42857	16.5714283	0	0	0	0.777551	0.471429	491.8571
892	35.85714	14.7142859	0	0	0	0.353061	-2.94286	519
893	29	19.4285717	0	0	0	0.108163	-3.87143	547.4286
894	34.42857	18	0	0	0	2.095918	2.671429	577.8571
895	35.14286	17.5714283	0	0	0	1.695918	5.9	609.2857
896	36.71429	15.4285717	0	0	0	0.483673	7	640.8571
897	38.85714	15.4285717	0	0	0	1.428571	4.542857	673

898	37	16	0	0	0	0.165306	9.242857	705.4286
899	36.85714	14.4285717	0	0	0	1.293878	8.514286	737.7143
900	36.57143	15.2857142	1	0	1	0.081633	10.12857	770
901	25	14.1428576	0	0	0	0.785714	5.6	802.2857
902	39	14.5714283	0	0	0	2.716327	6.814286	834.2857
903	35.42857	14.7142859	0	0	0	0.765306	8.114286	865.7143
904	36.28571	16.2857151	0	0	0	2.781633	9.857143	896.4286
905	30.57143	18.7142849	0	0	0	0.185714	11.87143	926.4286
906	33.42857	18.5714283	0	0	0	3.02449	11.74286	954.7143
907	34	16.2857151	0	0	0	1.516327	11.55714	980.7143
908	36.14286	22.1428566	0	0	0	0.038776	18.3	1004
909	33.85714	17.5714283	0	0	0	0.477551	14.74286	1023.714
910	35.71429	15	0	0	0	2.191837	13.41429	1038.714
911	36	16.7142849	0	0	0	1.259184	14.68571	1048.571
912	29.85714	17.1428566	0	0	0	3.979592	15.48571	1051.857
913	30.57143	19.1428566	0	0	0	5.059184	15.72857	1049.143
914	29.42857	17.2857151	0	0	0	1.059184	18.52857	1040.429
915	30.71428	17.4285717	0	0	0	4.332653	17.15714	1026.143
916	25.42857	14.7142859	0	0	0	2.846939	17.51429	1007
917	28.42857	13.4285717	0	0	0	0.983333	21.15714	984.2857
918	26.57143	15.5714283	0	0	0	3.1	17.74286	958.7143
919	32.57143	14.1428576	0	0	0	1.834694	19.3	931
920	33.71429	18	0	0	0	0.918367	20.18571	901.7143
921	33.71429	20.5714283	0	0	0	3.24898	19.87143	871.4286
922	35.85714	15.5714283	0	0	0	2.218367	17.21429	840.5714
923	36.57143	18	0	0	0	0.397959	17.72857	809.2857
924	39.28571	19.2857151	0	0	0	1.810204	16.35714	777.4286
925	34.57143	14.4285717	0	0	0	4.161224	13.94286	745.7143
926	33	11.8571425	0	0	0	5.638776	12.67143	713.7143
927	36.85714	17.4285717	0	0	0	4.508163	12.38571	681.8571
928	34.71429	17.1428566	0	0	0	2.987755	10.82857	650.2857
929	36.71429	16.8571434	0	0	0	3.320408	11.68571	618.7143
930	36.42857	15.7142859	0	0	0	0.804082	8.342857	587.5714
931	31.42857	15.7142859	0	1	1	5.216327	6.585714	557.4286
932	35.42857	17.5714283	0	0	0	3.046939	8.314286	528
933	36.42857	16	0	0	0	0.714286	7.914286	501.1429
934	30.85714	16.8571434	0	0	0	0.918367	7.485714	476.4286
935	33	14.4285717	0	0	0	2.65102	4.671429	455.2857
936	35.28571	19	0	0	0	1.536735	-0.25714	438.2857
937	27.71428	19.5714283	0	0	0	2.532653	0.014286	427.1429
938	31.42857	16.7142849	0	0	0	1.108163	2.2	421.7143
939	19.57143	11.2857142	0	0	0	4.246939	3.771429	423.5714
940	24	8.5	0	0	0	6.15	6.75	427.5