

Age	Pregnancie	BMI	Glucose	BloodPress	HbA1c	LDL	HDL	Triglyceride
69	5	28.39	130.1	77	5.4	130.4	44	50
32	1	26.49	116.5	72	4.5	87.4	54.2	129.9
89	13	25.34	101	82	4.9	112.5	56.8	177.6
78	13	29.91	146	104	5.7	50.7	39.1	117
38	8	24.56	103.2	74	4.7	102.5	29.1	145.9
41	10	17.47	67	71	4.2	105.3	58.8	140.7
20	16	15.76	61.6	60	4	62.4	43.4	64.6
39	4	28.11	105	94	4.5	91	50.1	195.5
70	3	24.32	83.8	90	4	144.1	51.3	156.5
19	1	16.63	66.5	62	4	98.9	64.3	91.1
47	8	27.64	111.7	93	4.7	118.7	42.3	242.4
55	0	26.44	94.2	87	4.5	171.7	73.8	159.5
19	15	24	60.3	60	4	86.4	47.8	162
81	12	28.48	125.4	101	4.5	125.5	29.9	145.2
77	6	34.89	166.4	95	5.7	94.4	34.9	245.3
38	11	34.71	102.7	93	4.2	133.2	34.2	196.6
50	0	27.86	95.4	77	4.7	98.7	39.1	114.9
75	7	26.49	112.5	106	4.9	131.7	53.9	50
39	11	27.95	123.9	88	4.8	141.2	65.1	184
66	9	28.85	90.9	101	4	93.9	16.7	143.7
76	2	25.39	125.3	81	4.7	131.6	63.4	132.2
59	2	28.05	103.5	90	4.8	48.5	71.2	142.5
77	13	17.56	92.8	79	4.8	103.9	80.8	60
32	4	27.49	80.8	79	4	139.3	56.3	156.8
79	5	29.86	120.5	77	5.2	171.4	23.3	137.5
79	7	24.06	97.9	107	4.8	62.1	29.8	127.7
64	7	26.43	101.7	86	4.1	66.2	63.4	153.3
79	5	20.33	68.2	87	4.3	84.3	51.4	228
68	16	19.5	72	64	4	104.9	40.5	133.1
72	9	28.26	122.6	106	5.4	80.6	27.6	212.6
81	11	22.62	129.7	100	5.1	126.8	33.9	158.1
20	7	16.34	116.1	67	4.6	91.5	57.9	217
68	5	20.33	113.5	81	5.2	78.6	57.2	147
24	14	21.2	71.7	90	4	68.7	64.5	106.4
38	4	31.65	77.5	96	4.4	101.7	69.8	256.5
56	4	28.07	117.2	73	4.5	113.8	36.8	200.9
35	4	21.77	64.3	73	4	127.2	63.8	221.6
21	5	23.47	70.3	75	4	88.4	38.9	180.1
77	4	34.87	146.5	104	5.9	114.2	48.1	153.2
31	0	32.62	110.2	91	4.4	147.3	39	199.5
26	16	20.29	64.6	80	4	136.9	61.6	179.4
70	11	33.98	102.4	98	4.7	87.5	41.3	123.5
19	15	26.52	90.7	69	4.8	120.4	59.7	173.5
77	2	31.8	132.1	87	4.9	94.5	57.2	132.9
88	16	26.02	143.6	74	5.3	86.9	67.1	85.9
61	5	34.11	86.3	94	4.2	72.1	58.8	147
25	0	20.04	79.4	60	4	153.2	78	119.8
64	9	25.47	121.7	83	5.3	78.9	40.4	255.1
52	9	34.3	113.3	89	4.4	95.3	61.9	97.3

53	7	15	57.6	60	4	42.8	56	128.2
67	11	26.72	98.1	82	4.5	133	38.7	121.5
21	1	24.64	85.3	76	4	99	64.4	189.1
19	0	31.11	89.4	75	4.3	135.6	62.8	162.6
23	3	33.42	107.9	83	5	110.6	40.3	245.4
71	12	31.38	142.5	117	5.3	104	24.9	225.4
21	11	28.45	86.4	87	4	125.2	48.4	155.3
71	10	27.24	133.3	92	4.7	99.7	39.7	95.8
80	3	24.94	113.1	92	5	44.8	52.4	168.8
35	8	28.26	104.1	73	4.4	107.9	50.2	161.7
61	4	35.76	125.3	95	5.4	133.4	76.7	75.4
51	2	22.02	100	73	4.6	74.1	38.9	139.9
79	14	24.59	121.8	89	4.9	36.8	58.9	160
31	15	26.55	103.2	76	4.6	78.4	29.7	152.2
65	5	33.01	123.6	85	4.9	109.9	35.3	101.1
32	4	28.34	50	86	4	64.7	43.4	149.4
89	16	32.9	144.2	98	5.3	96.5	37.3	144.1
79	4	33.2	101.3	120	4.1	112.3	56.5	174.4
57	13	30.55	105.5	103	4.7	73.7	49.6	104.5
70	0	20.62	65.4	63	4	138.7	62.4	208.6
41	5	36.97	144.9	93	5.7	120.3	34.6	174.8
43	9	35.47	123.7	110	5.4	69.8	52.7	83.9
77	6	27.38	113.4	98	4.7	120.9	38.8	163.5
58	5	18.71	112.7	74	4.6	75.2	69.1	152.1
46	16	17.64	91.3	60	4.3	84.5	34.6	145.8
32	14	28.53	99.9	78	4.9	101.3	23.6	76.5
62	6	22.79	107.5	82	5.1	124.7	41.2	134.1
82	3	16.7	93.7	60	4.8	98.7	33.2	118.3
88	0	17.52	85.4	86	4	112.4	52.1	127.6
26	12	24.18	100.8	65	4.5	143	58.7	195.4
18	1	28.17	89.3	78	4	107.8	60.9	116.4
25	2	35.43	82	89	4	81.1	18	259.6
80	15	29.91	132.4	94	4.7	120.9	60.8	273.9
28	4	24.71	89	81	4	83.6	53.4	168
25	15	29.28	121.6	82	4.8	91.4	60.5	85.8
52	11	28.74	112.5	113	4.6	116.9	63.2	85.8
52	16	31.44	96.2	108	4.2	117.6	40.7	173.7
50	2	26.76	76.7	73	4	94.6	36.4	138.4
22	5	33.22	121.4	96	5.2	90.6	54.9	113.7
58	14	31.95	116.9	85	4.6	154.8	64.5	150.6
45	16	27.5	89.5	71	4.5	34.2	31.2	85.1
24	5	26.28	78.8	60	4	110.9	50.9	269.2
89	11	32.52	154	99	5.9	100.5	42.2	178.8
29	7	22.72	92	80	4	87.3	42.2	231.9
51	6	17.96	102.9	71	4.2	108.6	44.2	198.1
50	16	17.93	89.5	74	4.5	70.7	59.8	188.1
65	7	22.22	89.4	60	4.7	60.9	58.7	105.5
40	5	30.96	133.7	84	4.8	131.2	36.7	50
79	1	24.46	107.6	77	4.2	79.8	29.4	202.1
54	8	28.23	120.5	70	5.3	96.3	66.1	150.9

61	2	24.03	119.8	70	4.5	32.3	62	260.4
52	4	24.08	99.3	80	4.2	48	68.6	128.5
82	15	20.85	91	90	4.7	107.6	58.2	151.2
64	10	26.45	99.7	77	4.8	132.5	70	133.2
20	2	25.95	97.1	78	4.3	79.4	15.3	216.7
18	12	29.48	101	85	5	149	48.3	50
22	13	28.73	113	80	4.8	138.6	39.6	169.8
31	1	25.82	109.2	67	4.3	126.6	79.8	117.4
44	14	17.96	68.6	63	4.1	132.5	32	153.8
26	16	33.42	126.5	89	5.1	139.4	29.9	227.8
32	14	26.49	78.6	70	4.1	84.4	40.6	96.4
59	16	27.48	118.4	93	5.4	85.8	42.1	95.5
68	11	36.6	168.5	92	5.5	120.9	44.4	244.1
80	8	32.45	134.6	104	5.3	62.7	63.6	132.4
69	2	29.68	92.2	102	4.3	110	72.2	123.4
21	0	26.99	84.6	76	4	113.8	64.6	124.2
40	15	26.93	131.5	70	5.3	121	87.2	68.3
32	9	28.44	94.8	63	4.6	117.2	69.3	228
60	7	29.44	133.8	79	5.5	61.4	40.5	222.2
46	8	37.27	108.2	102	5	48.8	48.3	63.5
53	11	41.84	129.8	104	5.2	102	61.9	132.9
30	10	28.74	94.2	74	4.2	173.4	32.7	71.7
49	3	15	108.8	69	4.7	71.2	45.3	190.4
88	15	21.29	107	66	4.5	90.3	59.8	180
76	13	37.87	110.5	104	4.5	108.9	78.7	100.3
45	13	31.31	145.8	77	5.5	83.8	50.5	127.9
83	6	29.56	129	83	5.2	119.7	52.9	217.7
59	4	26	116.3	79	4.9	121.3	57.7	143.1
62	16	19.87	71.6	101	4.4	146.2	24	118.9
79	11	37.07	142.5	113	5.1	116.5	44.6	198.5
74	12	22.06	106.4	71	4.5	90.1	37.2	154
23	8	31.38	84.8	94	4.4	126	61.7	214.4
45	9	19.2	95.9	60	4.5	98.8	43.4	198
45	3	25.71	73.3	95	4	88.7	68.2	182.7
61	1	32.96	106.8	86	4.4	87.6	56.5	105.9
47	16	25.5	117.7	81	4.6	85.2	47.6	216.7
79	1	24.79	103.2	109	4.9	132.7	41.6	150.4
79	3	27.06	111.2	88	5.1	132.2	39.3	153.9
18	7	18.98	73.3	80	4	108.5	74.2	74.9
44	14	17.86	77.1	67	4	86.6	19.5	116.1
79	0	31.29	137.4	97	5	105.6	48.7	104
20	16	24.47	86.6	61	4	77.9	51.3	175.6
87	3	31.24	108.4	115	4.4	97.2	16.1	195.3
89	6	33.71	125.9	100	4.8	54.7	69.6	136.4
44	11	34.19	102.7	111	4.5	96.6	53.2	157.2
26	14	17.27	65.6	60	4	126.1	61	146.7
79	16	22.81	111.8	81	4.8	84	61.2	238.3
54	2	30.23	117.1	99	4.7	130.9	63.7	50
68	7	30.32	84.1	92	4.5	118.4	62.1	95.7
61	6	40.5	151.9	109	6	113.1	62.1	135.4

41	7	21.55	87.2	60	4.1	83.1	55.9	165.9
76	6	34.01	114.2	102	4.3	72.7	64.8	125.2
49	0	29.23	122.2	90	4.7	130.1	90.9	68.5
69	13	17.16	62.2	91	4	64.7	37.2	183.1
79	5	23.71	88.3	82	4.1	88.3	57.7	234.6
75	3	28.58	151.6	96	5.7	107.4	62.6	71.6
69	9	16.77	95.2	85	4.4	172.4	26.9	169.8
29	7	15	58.4	60	4	121.5	78.4	206.6
56	3	16.43	87.5	80	4.5	80.1	59.8	172.8
19	7	28.55	88.9	101	4	99.5	54.7	203
20	11	24.09	83.7	70	4	93	44.6	131.3
73	1	23.28	115.4	98	5	109.8	62.7	105.9
76	0	23.49	107	91	4.3	129.9	33.2	215.5
19	7	18.46	76.7	69	4.2	81.4	76	168.9
19	2	24.26	80.6	77	4.6	105.8	65.7	159.6
71	1	16.08	80.3	84	4.4	129.3	48.2	162.1
18	2	34.13	85.7	94	4	64.1	71.6	77.2
36	5	37.15	137.1	93	5.3	95.9	23.9	117.7
19	3	15	74.2	60	4	89	34.9	159
70	15	24.19	123.9	89	5.5	99.4	50.9	236.4
61	12	24.58	104.7	68	5.1	33.4	51.6	96.3
49	3	25.95	104.8	87	4.2	78.9	56.8	113.8
87	15	33.01	131.8	111	5.5	36.7	53.2	179.3
49	11	24.2	115.3	77	4.5	68	68.8	50
85	14	26.47	115.3	93	4.6	104	28.2	140
72	12	44.87	136	126	5.1	112.3	21.3	88.7
73	16	26.33	122	96	4.7	88.2	29.1	257.6
34	7	37.6	114.9	103	5.2	36.6	30.6	189.6
55	16	30.01	116.3	97	4.7	82.4	50.7	103.7
41	0	23.68	103.5	76	4.9	62.4	48.1	154
86	11	22.68	104.7	87	5.1	92.3	55	101.5
87	6	26.96	119.1	98	5.2	102.9	55.7	98
28	12	20.24	74.8	81	4	51.7	54.4	85.8
33	12	21.82	104.4	73	4.8	88.5	27.2	114.9
76	11	24.46	112.1	100	4.8	33.9	47.1	169.6
87	9	28.76	128.4	76	5.4	94.2	42.7	209.7
20	7	37.96	93.6	94	4	94.1	68.8	96.5
37	7	24.09	102.6	76	4.7	54.7	55.7	103.2
76	11	29.77	129	78	5.4	56.6	78.4	262.7
53	0	17.23	73.4	60	4.2	153	35.6	156.7
36	16	33.36	138.6	93	5.7	110.2	46	134.9
84	3	16.67	105.4	79	4.2	79	64.2	108.4
36	14	31.79	97.2	94	4.3	90.1	43	117
37	15	26.51	96.5	60	4.4	64.3	56.1	152.4
88	9	26.28	116	104	4.6	106.7	41.4	207.4
69	0	25.2	133.1	97	5	96.5	68	94.1
50	0	19.19	102.4	60	4.2	121.9	29.4	137.8
57	12	19.51	99.3	88	4.8	130.8	79.2	239.3
56	1	32.02	142.8	110	5.8	140.5	62.1	73.3
18	6	27.07	72.6	60	4	125.8	58	213.2

28	2	25.15	100.9	75	4.2	93.5	56.4	254.9
74	16	29.66	129.5	96	4.8	59.3	40.1	152
67	6	27.61	110.3	71	4.7	91.2	61.2	215.8
40	16	22.24	86.1	70	4.5	98.5	42.8	54.2
48	3	41.77	146.4	119	5	111.9	19	136.6
59	11	31.44	130.1	84	5.2	83.2	52	203.9
24	8	27.76	71.2	95	4	64	39.4	77.9
33	0	23.92	116.6	77	5.3	107.7	52.8	215.4
77	7	32.72	146.1	92	5.8	172.5	50.3	276.2
19	1	22.27	74.8	67	4.4	142.8	29.3	113.6
18	8	21.77	65.7	60	4	135.7	74.6	187.1
65	0	37.16	148.5	107	5.5	88.9	40.6	198.2
29	3	27.18	101.3	75	4.2	77.5	66.6	230.2
86	14	22.42	123.6	83	5.1	122.9	39.9	92.9
54	13	27.03	114.6	70	4.5	137.8	50.7	117.3
49	9	32.1	131.9	90	5.4	92.1	54.8	182.3
26	1	30.73	112.3	83	4.9	82.5	20	154.5
36	3	32.85	100.7	74	4.6	83.9	41.2	241.1
65	16	19.5	87.6	87	4.6	106.4	54.4	134.7
20	3	32.69	105.7	85	4.6	98	51.3	128.8
37	6	25.93	129.7	69	4.9	100.4	51	168.5
41	3	27.53	98.3	80	4.6	137.3	64.1	167.3
71	9	34.26	134.5	109	5.6	126	38.3	144
50	9	31.22	125.9	103	5.1	94.8	51.5	103.9
41	2	29.11	97.4	99	4.6	100	30	157.1
89	5	15.1	111.7	95	5.2	130.4	42.8	173.2
53	14	26.73	105.2	70	4.6	115.9	68.8	107.5
55	13	22.29	115.8	70	5.3	149.4	50.6	93.2
42	3	31.27	94.4	73	4	120.3	43.3	168.5
35	12	32.95	143.1	98	5.4	107.8	38.1	304.7
83	2	25.19	112.2	88	4.5	85.2	29.6	213.3
71	6	23	114.3	96	4.7	52.9	64.6	140.7
52	7	36.34	123.8	83	4.6	131.8	82.1	139.8
78	16	23.38	94.6	79	4.1	132.1	43.8	158.7
58	2	19.83	106.2	67	4.3	140.9	23	121.1
50	10	22	90	88	4.1	63.4	73.3	170.7
85	7	23.67	122.7	96	4.6	111.5	36.7	77
50	4	21.83	81.6	60	4.4	79.9	55.8	127.8
31	9	32.07	100.7	80	4.2	96.9	58	218.7
38	2	15	69.6	71	4	53.1	66.9	186.4
65	8	21.7	109.2	91	4.2	79.6	46.6	185.3
37	14	26.72	101.6	83	4.1	96.9	57	207
25	9	28.26	91.4	79	4.7	111.8	45.1	134.1
24	4	37.15	105.8	81	5	122.5	20.1	80.8
84	14	36.27	144.3	118	5.7	147.7	43.8	160.9
34	11	17.4	79.8	60	4	96.4	55.6	174
50	4	15.55	83	60	4	85.9	35	237.4
65	13	27.15	141.3	90	4.9	110.5	51.4	115.8
76	0	22.96	117.2	80	4.9	109.2	54.1	137.7
39	14	19.85	113.1	76	5.1	66.5	70.1	209.5

47	0	27.1	101.7	87	4.9	63.5	36.1	195.2
55	13	28.38	108.5	104	4.5	168.8	53.7	77.2
68	5	21.97	95.4	85	4.2	108.2	33.6	208.6
71	0	23.26	111.5	94	4.3	123.9	17.2	237.7
25	13	22.43	77.5	60	4.3	117	42.9	125.1
44	1	24.53	89	85	4.1	114.2	41.8	208.4
44	16	30.25	79	83	4.1	138	55.2	184.2
38	3	20.53	107	65	5.1	167.1	67.4	108.3
47	8	23.16	89.1	67	4.5	116.8	51.6	85.9
45	15	24.6	118.8	93	4.4	103.6	40.3	171.1
81	10	26.96	118	92	4.4	130.5	37.7	206.2
86	16	28.66	135	88	5.5	93.2	67.5	133.1
78	0	39.25	143.6	117	5.4	63.9	60.3	91.8
65	14	30.43	124.6	88	5.2	119.6	36.8	50
36	1	30.58	89	76	4	72.8	29.5	157
21	1	25.4	104	101	5	76.4	36.7	113.1
52	5	21.12	87.7	63	4.5	62	64.8	109.1
81	8	23.83	127	106	5.4	24.7	35.8	235.7
66	4	22.74	81.6	73	4	60.4	56.9	188.8
34	7	29.35	89.4	88	4.1	103.2	75.4	184.8
61	14	17.09	95.3	70	4.1	136	38.1	147.6
47	13	30.56	107.2	95	5.1	84	44.3	177
63	2	26.3	116	72	4.5	79.2	49.5	165.7
23	16	31.4	102.4	66	4.2	98.1	25.9	133
54	14	22.66	124.7	85	4.7	97.8	39.3	149.1
41	14	21.59	96.8	60	4.7	98.3	52.7	211.6
63	4	24.56	99.1	72	4.9	131.9	35.4	167.8
70	0	24.42	102.9	84	4.9	90.7	82.1	270.4
77	12	31.84	145.2	85	5.5	85.3	42.6	214.8
80	3	31.78	105.6	88	5.1	100.4	47.3	146.9
49	10	38.43	134.7	96	4.8	119.6	41.4	161
50	15	24.03	81.3	60	4.5	185.9	46.4	151.2
84	16	15	113.6	61	4.7	152.4	39.2	221
35	0	24.54	85.1	88	4.2	107.4	18.9	92.1
42	10	28.38	110.7	92	4.3	84.6	44.6	144.1
71	12	31.29	123.6	118	4.5	97.4	77.1	185.8
75	4	28.82	99.3	99	4.3	79.8	74.4	177.5
84	1	24.02	124.6	102	4.7	106.5	34.2	225.4
63	4	37.28	120.2	98	4.9	109.7	26.1	130.2
41	15	20.8	99.1	69	4.1	118.3	19.2	72.3
49	6	25.35	85.2	84	4	41	35.4	176
64	16	20.52	101.7	60	4.9	73.7	41.7	161
40	0	27.12	99.8	86	4.9	143.6	56	173.6
83	13	36.53	130.5	101	5.6	66.9	43.8	131.6
44	8	26.15	120	75	5.1	77	63.2	181.8
19	4	26.19	87.4	82	4.5	90.3	58.9	138.7
34	7	16.82	69.3	60	4.2	142.6	55.2	184.7
50	4	25.28	105	81	4.8	119.9	48.2	143.7
26	14	33.9	84	91	4	91.7	64.8	229.7
60	4	25.5	142.8	78	5	86.2	59.5	62

65	1	25.09	91.4	85	4.1	79.5	28.1	61.7
56	0	33.63	128.5	96	5.4	62.3	57.9	183.3
59	5	25.12	105.7	92	4.8	75.7	41.4	76.7
43	0	34.75	133.7	91	5.1	152.8	63.8	158.6
67	12	19.29	99.7	64	4	144.7	59.9	126.1
42	10	31.07	98.6	81	4.2	89.7	75.8	217.5
41	2	36.88	91.4	92	4.6	85.2	20	153
30	9	33.05	79.4	78	4.1	134.2	54.6	124.2
77	1	15.8	91.5	76	4.3	81.9	40.2	234.3
24	3	23.17	103.9	71	4.4	120	82	182.3
74	6	25.55	88	89	4.4	66.8	4.5	94.1
53	3	33.06	145.4	84	5.9	105.1	56.6	54.2
62	8	19.01	110.3	76	5.1	85.8	58.4	216.3
37	14	20.89	65	83	4	113.8	17.9	166.8
82	6	17.37	84.5	81	4.2	138.7	57.8	193.2
25	11	22.05	66.8	79	4	81.8	19.7	208.8
33	7	19.49	85	68	4.2	68	39.1	180.1
31	13	36.59	112.8	85	4.9	91.1	56.1	165.4
32	12	23.12	85.8	80	4	140.1	35.3	144.5
83	16	31.15	121.2	85	5.2	104	51.1	171.7
49	1	27.11	106.4	77	4.6	97.8	49.9	133.7
80	1	27.02	131.6	91	5.6	134.6	58	216.9
68	9	23.45	104	90	4.1	115.6	34	185.3
42	9	31.62	99.3	100	4.2	169.6	63.9	224.3
75	1	27.93	133.2	100	5.4	67.3	6.6	166.8
80	5	27.58	116.8	100	5	99.7	72.8	154.2
79	5	23.44	119.7	95	5	58.5	46.1	145.8
39	16	24.42	91.8	86	4.8	67.3	47.7	235.6
75	6	30.53	139.8	84	5.2	139.4	54.6	91
75	0	28.38	137.8	115	5.2	72.9	52.9	57.8
66	1	27.74	131.5	100	5.5	147	50	140.5
69	8	22.48	96.2	80	4.5	66.7	68.7	144.9
59	9	38.66	123.4	107	4.8	97.2	27.1	205.5
87	4	24.12	129.8	77	5.3	64.2	35.7	219.7
32	13	26.82	93.7	75	4.5	119.7	56.5	144
71	16	25.88	111.7	84	4.5	106.1	44.5	129.6
77	4	38.73	130.5	104	4.9	137.7	69.4	50
25	4	25.26	109.2	81	4.6	125.3	83.6	268.6
70	15	24.71	125	87	4.6	103.7	50.1	181.6
77	4	27.71	117.1	80	5.3	103.5	24.2	216.9
22	12	22.84	72	60	4	62	36.8	205.5
85	1	27.67	112.5	75	4.4	111.5	19.4	60.7
23	7	41.23	121	105	5.1	97.1	59.3	125.6
64	0	28.8	120.4	88	5.1	119.8	35.8	150.2
72	3	28.58	105.2	100	4.8	122.5	47.6	141.9
57	15	22.69	80.2	110	4	80.7	45.7	192.4
69	16	37.26	135.2	95	5.6	78.3	66.9	83
33	3	38.63	131.7	99	5.2	102.3	50.8	129.2
30	2	32.12	105.3	99	4.5	92.1	45.9	150.1
47	4	30.92	106.6	83	4.9	56.2	36.2	103.1

36	8	25.59	77.2	73	4	69.9	59.1	197.6
34	13	29.35	91.2	87	4.7	132.3	33.5	164.6
80	0	21.99	122.2	110	5	113.5	31.2	210.9
36	0	20.24	64.7	75	4.2	99.2	41.1	251.7
75	10	18.08	125.3	69	4.7	137.5	81.3	141.2
72	14	29.46	121.2	86	5.4	98.1	48.5	192.6
79	1	18.73	78.2	74	4.3	121.2	49.2	55.1
40	2	24	100.5	60	4.6	98.9	54.8	76.9
26	7	26.63	98	74	4.4	101.8	53.5	166.1
29	13	32.97	98.9	86	4.9	194.2	46.7	134.5
18	7	23.53	95.1	69	4.3	79.2	35.5	230.7
75	16	33.68	120.6	86	4.9	116.5	43.4	181.1
18	9	32.63	108.7	85	5	115.9	46.9	78.4
51	5	20.57	91.1	64	4.1	134.5	28.8	165.4
65	7	33.74	120.7	95	4.7	97.8	46.8	127.4
18	12	25.3	104.7	63	4.9	160	52.9	216.9
33	7	24.01	104.3	85	4.2	89.2	42	139.8
78	6	25.32	98	82	4.8	86.5	68.6	133.9
81	13	26.98	125.2	106	5.1	125.3	54.1	100.3
80	14	24.51	142.4	90	5.4	136.9	38.6	92.6
86	4	21.96	132.5	90	4.9	62.6	43.8	110.6
39	0	22.49	75.8	74	4.3	76.9	68.4	198.5
84	14	27.83	146.6	86	5.7	105.1	40.8	235.2
43	9	26.04	112.5	84	4.7	117.8	38	231.3
33	14	30.16	86.1	78	4.1	140.5	37.3	173.6
68	12	27.31	116.7	92	4.6	103.5	51.1	111.1
74	14	27.46	124.1	97	5.2	134.6	53.3	88.5
46	13	30.56	93	106	4.5	45.9	60.2	161.8
86	9	35.51	149.6	111	5.2	64	39.1	99.9
64	0	35.75	164.9	110	6.1	99.8	72.8	251.2
79	12	35.04	155.1	110	6	131.3	57.7	188.5
86	16	32.22	134.9	99	4.8	90.3	43.8	150.4
33	15	39.51	116.3	103	5.1	91.3	62.4	162.2
65	16	29.63	121.7	90	5.3	111.4	78.6	150.1
56	10	28.95	96.3	84	4.9	93.2	57.3	204.7
50	15	40.46	123.8	92	4.7	142.1	76.4	166.9
40	11	15	50	69	4	103	34.9	118
27	13	25.72	96.5	68	4.9	173.8	21.1	167.3
86	15	34.51	132	111	4.7	104.6	58	138.7
51	15	32.88	125.5	92	5	88.6	67	130.3
69	10	42.39	146.1	109	5.4	102.7	30.1	133.6
27	1	27.64	78.6	68	4.2	132.8	68.6	142.2
36	2	24.42	94.8	88	4.2	95.1	43.4	50
75	4	25.01	101.8	84	5	15.7	59.1	177.8
18	15	28.91	116.7	92	4.6	85.8	54	183.8
86	16	36.73	128.8	100	5.2	30.5	57	97.7
21	15	36.8	102	104	4.5	115.5	58.5	71.9
33	9	26.66	79.6	78	4	66.4	48.7	222.5
41	11	28.52	86	91	4	101.4	43.5	257.8
19	2	23.33	81.6	60	4.6	55.9	55.2	145.7



49	1	23.96	78.7	65	4.1	97.4	45.9	206.4
41	1	33.28	109.2	92	4.8	105.1	39.6	142.3
29	8	36.61	119.2	81	5.2	85.2	54.8	160.3
67	8	22.82	97.8	95	4	98.6	41	129.9
52	2	28.46	74.9	89	4.2	49.5	47.1	187.7
50	3	25.54	121.1	74	4.6	101.3	42	165.9
50	12	32.18	118.4	82	5.1	80.8	73.4	220.5
78	9	24.67	117.5	85	4.5	102.7	51.6	133.6
68	16	15.44	86.4	65	4.6	96.4	26.2	172.9
60	1	33.02	133.2	100	5.3	92.8	68.7	190.2
29	0	25.18	103.9	73	4.5	86.6	22.8	173.2
84	3	25.8	134.2	103	5	108.2	82.1	167.4
82	4	29.61	129.3	103	4.7	150	50.6	223.1
50	13	29.12	87.6	78	4.7	96	40.6	98.4
57	14	29.74	119.1	85	4.5	116.2	44.5	179.8
60	13	17.22	93.5	63	4.3	146.9	26.1	114.7
61	0	30.34	108	83	4.4	112.1	48.4	107
46	2	15.55	67.1	60	4.3	122.6	43.3	131.4
30	14	31.62	111.4	93	4.8	74.3	49.1	168.3
29	3	33.71	105.8	100	4.3	110.9	63.5	173.9
63	12	18.79	88.2	65	4.4	110.6	54.6	138.6
19	16	28.97	117.5	66	5.3	153.3	32.7	191
52	15	33.34	127.8	99	5.2	62.6	35.1	194.9
25	8	24.31	92.6	63	4.3	165.2	53.8	241.6
43	16	31.04	126.9	100	4.8	134.5	57.4	129.7
51	6	15	85.5	60	4	129	48.9	112.7
24	7	33.59	93.6	64	4.1	65.5	58.3	155.7
85	7	27.18	116	92	4.9	72.9	52.1	80.7
75	4	25.45	124.4	82	5.2	118.8	52.6	261
46	10	32.9	123.2	92	5.3	37.6	62.6	134
53	1	37.38	133	96	5.5	54.8	78.8	110.3
38	6	29.91	86.8	90	4	123.9	54.5	153.8
53	6	36.65	137	103	5.5	135.7	96.2	154.9
27	7	17.68	72.9	65	4	164.3	52.2	162.1
41	15	31	116.5	88	4.8	90	51.9	173
81	10	26.21	105.5	91	4.7	74	79.3	101.9
66	7	22.27	132	67	4.6	77	47.5	167.7
53	2	15.43	86.1	70	4	113.6	22.8	135.9
41	10	30.67	100.6	93	4.5	94	33.6	128.2
40	5	32.25	119.2	91	4.6	59.4	63.6	195.9
79	16	35.05	147.5	102	5.5	115.7	57.3	70.3
54	0	34.06	129.6	101	4.9	69.2	36.1	186.3
29	16	22.37	69.3	72	4.3	122.3	20.6	239.5
72	7	34.74	147.6	108	5.9	121.2	44.3	169.7
30	4	35.38	105.6	89	5.1	91.1	68	250.7
40	5	25.44	95.6	63	4.8	108.6	48.3	186.9
47	13	27.17	69.7	81	4.4	91.2	44.7	136.1
34	1	21.4	77.8	60	4.3	97.9	33.5	110.7
79	6	35.89	129.2	100	5.5	61.6	45.1	143.9
30	13	17.93	82.6	64	4.3	-1.8	58	157

76	10	30.21	115.5	106	5.1	96.2	47.1	135.7
36	0	23.42	65.5	80	4	70.2	47.5	187.9
66	6	20.35	102.4	80	4.7	74.3	66.8	83.8
29	0	15.75	67.2	72	4.3	72.6	38.3	95.2
78	14	25.71	104.5	90	4.6	128.5	57	160.8
36	8	19.41	83.1	69	4	132.3	47.6	118.2
26	13	27.34	66	73	4	110.2	74.6	141.6
88	6	37.62	153.5	100	5.8	90.2	63	86.8
45	2	28.2	101.2	89	4.8	109.9	70.1	134.4
69	1	38.98	133.5	91	5.2	132.9	59.2	135.7
33	5	21.11	98	60	4.2	149.8	42.6	118.4
86	8	19.31	98.6	84	4.9	77.3	71.2	169.4
29	16	20.84	85.1	60	4.5	54.4	55.4	97.2
42	7	26.61	97.3	80	4.2	109.3	53.4	221.5
69	15	43.34	194.4	115	6.7	46.1	38.1	164.3
70	1	17.03	101.4	68	4.4	108.3	61.1	117.3
40	5	30.72	89.3	86	4.1	106.7	43.6	50
33	9	22.8	113.4	72	5.1	96	42.1	248.4
74	10	25.66	129	77	5.5	153.7	54.5	177.1
56	7	19.45	92.6	79	4.3	102.3	40.7	205
70	16	32.27	118	77	4.4	116.6	38.6	182.7
59	0	26.74	88.1	104	4	134.7	35.9	195.1
75	16	33.52	136	106	5.6	97.9	65.4	163.8
56	16	28.05	99	97	4.9	88.2	71.5	169.4
31	5	15.41	58.1	67	4	89.1	78.7	159.5
22	2	33.58	114.8	84	4.6	112.7	64	191.9
52	16	15	104.2	60	4.4	109.7	15.3	193.9
35	12	15.78	66.9	61	4.2	151.4	54.8	169.5
26	13	21.5	93.1	76	4.2	81	46.3	195.1
75	8	21.58	108.8	74	4.7	92.9	85.8	198.5
34	10	35.38	118.1	92	5.1	128.6	55.9	121.6
24	5	25.97	76.7	60	4	119.7	37.5	119.7
63	10	34.48	122.3	90	4.7	98.3	39.1	192.6
30	3	23.59	70.7	63	4	94.1	23.8	116
57	12	28.91	93	105	4.5	85	49	171.7
59	5	29.84	122	77	5.3	72.9	26.4	102.6
26	1	31.18	92.5	86	4.4	99.3	19.7	138.7
67	11	24.21	93.2	100	4	117.5	36	50
44	7	24.73	78.3	88	4	111.1	34.6	120.4
83	0	25.21	94.2	105	4	97.5	51.1	157.9
22	14	17.09	50	76	4	109.6	55.8	112.1
46	14	26.5	102.7	82	4.6	71.4	50.1	64.7
54	13	24.7	62	86	4.2	117	48.3	110.8
55	2	30.48	120.5	92	5.2	57	55.9	134.7
25	10	27.55	99.6	81	4.8	107.6	67.3	175.3
82	16	35.02	134.6	109	5.4	117.7	35.1	147.7
34	8	27.42	98	96	4.9	103.1	54.9	102.9
88	6	23.63	112	92	5	100.2	50.4	204.2
62	10	27.35	114.1	78	4.9	68.2	56.1	236.7
21	0	31.35	101.4	87	4.4	98.7	47.1	113

53	12	16.36	103.7	75	4.2	159.5	36.7	240
87	12	22.71	136.9	79	5.2	98	47.9	136.8
48	15	22.83	117.2	68	5.3	91.7	39.1	173.3
36	3	29.47	90	92	4.4	51.5	35.2	215.5
78	5	30.16	135.7	91	4.9	111	67.8	212.5
71	7	27.61	123.3	86	5.1	113.1	52.3	134.4
56	15	15	73.3	62	4	85.7	20.4	213.2
36	15	17.09	63.9	66	4.2	92.7	0.6	176.8
56	4	25.57	98.5	94	4.1	60.1	47.7	143.2
84	5	23.99	99.1	95	4.7	103.7	40.5	114.4
62	9	27.03	89.2	82	4.5	114.9	50.4	140.4
30	0	24.18	95.8	86	4.9	32.3	53.6	187.1
75	8	36.19	135.4	113	5.3	98.9	49.8	130.9
37	12	15	73.9	71	4.3	151.9	38.3	163.7
89	16	28.82	141	107	4.8	104.5	64.6	124.3
78	12	31.97	125	94	4.6	114.8	32.5	195.2
56	10	31.21	127.9	82	4.9	131.8	68.3	107.1
18	7	31.72	86.4	77	4.3	117.1	58.7	263
20	11	32.59	89	92	4.2	89.2	40.1	162
79	3	23.38	111.5	74	4.4	51.4	56.6	116.9
80	13	20.39	137.6	69	5.3	181.1	44.7	124.4
42	15	15	95.3	60	4.5	122.4	70.5	99.1
73	13	24.82	127.6	74	5.1	125.3	40.5	201.8
50	0	22.33	74.1	68	4	131.2	62.1	166.2
55	16	33.97	122.6	96	5.4	133.6	31	166.4
23	16	25.27	99.4	61	4.6	123.9	55.1	171.1
75	13	20.82	135.4	88	5	100.9	54.5	114.2
61	2	19.87	70	76	4.1	90.4	59.5	135.5
62	2	38.93	144.8	84	5.2	122	57.4	58.1
49	0	26.87	119.2	82	4.9	104.4	45.4	247.4
62	4	22.31	107.4	81	4.5	103.4	20.9	82.1
78	7	27.74	99.2	112	4.9	129.6	29.9	120.5
64	12	38.38	137.6	107	5.7	162.9	19	139.4
38	6	24.66	99.8	60	4.2	71.8	46	162
53	2	31.12	116.4	92	4.4	114.4	67	154.5
36	9	34.12	101	91	4.2	69.8	38.9	173.7
37	5	15.65	62.7	68	4	105.9	44.1	250.4
74	4	23.17	115.2	111	4.5	49.6	41.1	170.1
35	15	33.37	99.1	83	4.8	79.1	53.7	96
64	6	22.8	92.8	74	4.3	100.6	52.6	227.4
66	16	29.49	114.9	96	4.9	132.1	43.7	222.4
31	5	22.45	87.8	89	4.2	55.6	35.4	166
32	13	24.33	105.2	80	5	113	59.4	179
48	4	23.6	78.3	74	4	98.9	66.4	115.8
18	12	30.82	76.2	89	4.3	143.9	62	202
71	1	28.21	111.2	109	4.9	87.9	32.8	107.3
20	8	27.59	63.2	67	4	113	15.9	116.5
33	1	42.04	134.4	90	5.1	95.3	46.4	185.8
74	0	37.44	107	106	4.2	70.7	70.6	200.2
29	9	15.11	80.3	62	4.3	82.8	20.1	104.9

33	14	24.34	106.8	88	5	77.3	43.8	130.1
89	6	41.56	156.5	112	5.2	47.6	74.1	132.3
41	8	23.55	64.7	79	4	146.4	64.7	203.1
45	6	39.53	128.2	116	4.7	89.2	53.5	131.9
25	14	24.44	74.4	74	4.1	114.3	32.1	134.2
53	9	25.6	84.7	78	4.5	66.8	72.4	216.9
25	12	32.18	110.6	89	4.9	101.4	47.2	78.9
75	5	26.46	126.9	86	4.9	115.2	16.3	119.3
77	6	29.97	142.7	99	5	102.6	71.7	50
67	0	36.45	127.1	100	5.3	75.1	34.4	50
45	5	31.55	113.2	87	4.6	124.3	97.7	119.3
58	9	27.85	134.7	83	4.7	38.5	47.3	63.2
81	12	37.04	171	102	6	52.7	56.4	88.2
44	16	32.26	127.7	99	4.8	96.5	51.4	50
80	16	22.6	105	87	4.9	28.1	46	133.8
34	9	38.88	119.9	109	4.5	76.5	61.9	183.3
50	13	30.85	109	66	4.6	85.9	53	147.2
46	4	25.72	110	75	4.5	145.6	50.9	196.5
30	6	15	57.7	60	4	80.2	34.6	84.5
63	15	18.73	98.8	72	4.5	84.3	47.8	237.3
52	6	37.2	130.3	89	5.4	44.5	32.4	145.1
23	7	37.44	117.1	74	4.8	102.3	56.1	88.2
86	16	27.51	107.7	101	4.2	100.3	55.1	145
64	8	16.38	93.5	65	4.1	67.2	52.6	168.8
42	16	20.48	113.5	76	5.3	127.4	68.6	189.8
83	14	17.26	94.2	67	4.3	125.5	62	213.8
27	16	17.04	76.5	60	4.2	83.2	81.3	155
73	9	39.16	112.2	111	5.1	42.3	64.8	146.7
47	14	39.36	131	107	4.6	67.8	52.3	167.3
22	10	20.27	79.8	60	4.3	146	45.5	213.2
50	12	26.95	105.6	73	4.4	104.2	28.8	113.4
82	3	19.29	115.5	94	4.6	77	70.6	107.6
35	4	26.91	92.1	78	4.1	141	58.6	145.3
66	1	36.84	149.3	93	5.8	94.4	43.2	205.9
28	0	33.47	92.7	71	4.2	100.4	54.6	123.6
43	12	31.85	131.8	81	4.7	171.7	52	186.9
80	13	25.83	119.8	86	4.5	127.6	48.6	171
76	7	34.57	131.1	110	4.8	91.4	63.9	128.4
44	14	30.88	87.3	87	4.6	111.1	26.8	120.1
66	0	29.42	100.2	90	4.4	116.5	62.8	167.3
50	3	26.31	107.9	73	5.1	124.6	69.8	91.6
18	13	28.91	81.1	90	4.4	68.9	33.3	217.7
38	11	28.73	116.4	92	5.2	148.9	20.6	225.7
72	16	23.75	112.8	94	4.5	142.7	57	141.8
23	6	22.35	59.8	67	4	72.1	64.5	247.4
86	14	21.02	121.5	89	5	99.6	36.8	162.2
22	5	21.4	76.4	60	4	102.2	29	124.8
20	7	25.87	86.1	74	4.2	104.8	21.8	130.8
70	7	24.88	125.4	105	4.6	123.3	66.2	140.1
40	14	23.28	70.6	69	4.4	90	48.4	123.4

70	0	22.83	88.8	73	4	113	69.6	108.7
54	11	28.75	114.4	85	4.5	119	8.4	204.5
34	4	35.27	87.1	82	4.4	114.9	51.2	139.8
18	3	26.93	78.8	64	4	114.3	66.7	55.9
68	3	26.54	126.8	90	4.6	116.6	35.9	272.5
62	13	21.39	97.1	86	4.1	106.5	61.1	182.6
21	4	25.66	66.2	75	4	42.5	34.2	56.4
79	5	34.14	135.6	91	5	69.6	35.8	77.3
82	1	33.22	126.4	95	4.8	61.2	51.1	66.8
49	2	32.81	104.6	95	4.6	67.8	40.9	155.4
51	10	32.62	169.1	98	5.8	70.3	70.5	172.4
89	9	29.62	137.4	97	5.2	131.1	50.1	162.6
56	9	29.41	107.6	79	4.8	140	71.1	125.1
43	0	28.47	116.9	91	4.6	119.3	60.1	119.9
51	6	24.5	95.1	98	4	70.2	36.3	158.3
71	11	27.5	107.7	101	5	72.3	53.3	118.9
20	2	28.29	96.1	96	4.6	80.6	37.5	152.1
67	1	30.8	127.7	88	4.6	78	67.3	189
29	16	27.6	108.6	88	5.1	139.6	71.9	118.4
82	1	39.63	166.6	124	6	59.3	24.1	218.9
71	7	19.74	117.8	74	4.5	109.4	58.5	82.1
22	14	31.53	111.9	73	5.2	61.8	68.2	127.6
74	8	26.75	129.9	80	5	114.9	63.4	150.2
34	2	27.01	113.8	77	5.3	88.5	48.5	83.1
64	13	22.12	111.9	65	4.3	66.3	91.2	157.9
40	7	33.12	87.5	106	4	83.3	53.5	170.9
31	8	30.92	109.8	70	4.9	115	27.8	86.6
83	10	32	151.2	105	5	51.2	60.4	115.1
68	4	28.02	103	67	4.1	81.2	66.4	116.6
55	1	25.05	96.7	102	4.7	94.4	58.9	71.9
81	6	26.6	117.8	104	4.5	58.7	53.1	162.1
55	7	29.6	114.6	72	5.2	71.4	29.1	139.2
67	12	15	80.2	73	4	143.6	25.2	104.1
47	14	32.24	113.8	88	5.1	60.3	35.5	135.4
68	14	41.56	149.8	112	5.4	83.9	13.9	148.5
80	3	29.88	94.6	103	4.4	114.5	72.9	50
69	15	25.31	111.2	78	4.5	97.8	51.1	147.1
55	8	26.03	98.8	83	4.6	82.9	45	111.1
47	4	31.25	85.4	70	4	123.5	28.4	63.3
68	9	25.45	118.4	87	4.6	37.7	30.7	184.1
22	5	32.21	105.1	62	4.2	121	50.3	110.6
46	0	25.96	102.4	93	4.1	71.5	45.7	232.8
21	6	37.29	119.2	75	4.7	23.3	52	152.7
27	3	37.12	117.6	94	5.1	164.7	30.1	150.7
73	7	25.02	100.5	95	4.2	101.1	55.7	176.4
34	1	26.51	105.9	96	4.4	123.1	69.2	239.3
34	6	26.87	109.2	96	5.1	132.3	45.7	120.1
86	4	26.95	105.6	108	4.8	72.3	61.8	209.9
51	5	21.32	106.3	75	5	92.2	47.4	130.7
23	9	20.48	73.2	76	4.4	98.9	44.2	133.9

70	0	34.5	138.2	103	4.8	78.9	56.4	144
83	13	33.54	135.9	106	5.7	135.6	43	139.5
60	8	33.44	119.3	89	4.4	139.9	40.6	134.6
40	2	26.58	106.2	97	5	96.1	66.2	76.2
72	8	38.35	132.7	99	5.2	115	22.7	146.4
33	9	26.87	111.4	67	4.8	125.6	51.4	133.6
25	0	32.18	120.5	87	5.1	108.4	34.1	204
21	0	18.67	64.6	60	4.2	82.7	77.1	146.3
21	3	25.62	84.2	73	4.3	25.5	63.6	61.4
73	8	26.07	108	105	4.6	102.8	69.2	129.5
42	1	26.61	104.8	84	4.2	123.9	53	177.3
84	7	19.05	124.8	82	5.3	71.7	59.5	73.7
84	6	31.22	104.4	91	4.2	105.1	53.2	50
44	0	33.17	92.1	75	4.6	113.4	41.6	174.9
49	10	22.54	93.3	85	4.4	113.5	76.6	197.1
67	8	20.12	101.5	78	4.4	103.7	60.6	185.2
78	3	22.39	94.7	91	4.5	70	37.6	201
68	0	29.97	121.7	71	5.2	136.2	26.5	99
36	16	23.42	78.7	81	4.5	98.7	34.7	162.9
38	2	26.2	89.7	98	4.1	83.9	50.8	168.3
22	4	20.56	96.2	78	4.9	50.7	40.2	206.9
59	5	38.88	127.1	106	5.5	112.1	64	199.6
78	5	27.44	113.5	82	5.1	173.7	54.2	185.8
39	9	33.9	114.3	91	5.2	92.9	46.3	119.6
38	8	29.96	120.3	85	5.1	85.4	50	58.8
87	0	26.75	121.4	89	4.5	99.6	48.2	50
18	4	26.44	78.5	68	4.1	97.7	46.5	176.9
22	14	22.65	90	89	4.5	89	55.8	191.8
29	9	24.3	100.3	63	4.9	162.3	42.3	113.5
63	9	20.95	115.6	74	4.9	101.3	32.5	183.7
51	10	20.3	90.6	79	4.6	60.9	61.2	175.8
66	6	39.52	144.2	128	5.6	64.7	38.1	96.1
62	8	28.67	125.2	86	4.8	134.2	68.6	206.3
44	12	35.79	121.3	76	4.6	108.5	47.5	166.2
43	3	22.24	110.8	60	5	89.5	43.3	50
64	16	19.49	105.8	101	4.3	87	36	127.1
73	6	21.13	132	62	4.9	120.9	45.4	200.1
80	1	24.47	127.7	89	5.2	76.3	55.2	111.9
65	5	27.22	83	73	4.4	95.5	38.2	202.2
78	14	26.09	110.2	82	4.8	121.9	61	210.3
43	11	22.36	67	67	4.2	77.7	33.4	111.4
53	9	27.53	97	65	4.2	138.2	63.7	97.5
18	15	28.05	84.5	87	4	50.9	51.7	182.2
25	4	31.21	113	86	4.9	101.1	43.2	174.8
69	2	35.82	124.5	98	5.3	102.3	55.8	178.5
64	0	24.82	127.6	78	5.1	36.3	74	142.9
73	10	34.29	120.1	112	4.4	77.7	67.3	221.4
31	3	27.4	91	79	4.5	117.9	55.5	194.9
45	1	17.84	64.6	89	4.1	78.4	64	128
19	1	37.7	131.6	85	4.9	92.1	43.6	185.1

43	6	40.64	151.5	106	5.1	87.8	40.6	157.2
31	1	30.71	99.9	71	4.5	129.2	60.7	77.6
76	5	27.54	95.9	87	4	110.3	53.6	74.4
73	10	25.37	109.1	98	4.6	86.5	45.6	148.4
24	0	24.22	88.9	83	4	78.5	62.1	121.6
20	3	34.26	94	103	4.1	126	50.7	98.1
40	15	26.9	134.1	84	5.1	104.3	69.3	129.5
35	6	37.04	144	106	5	130.2	18.3	178.1
55	13	27.21	80.7	91	4	118.5	42.4	165
32	1	24.53	72.8	70	4.3	2	63.9	149.3
81	12	23.39	119.2	72	4.4	132.2	74.8	68.3
45	13	22.54	76.5	72	4.2	103.7	69.9	56.8
56	10	30.08	115.9	78	5.1	107.4	40.5	216.6
74	0	19.23	100.6	89	4.1	39.8	69	146.3
34	2	22.09	85.6	82	4	85.4	22.8	190.6
61	7	34.95	140.7	88	5.5	101.7	36.2	156.5
42	1	21.27	115.7	83	4.6	61.5	46.1	112.7
34	12	32.18	112.3	74	4.7	139.8	56.8	129.9
30	6	15	51.8	73	4	122.4	35.3	208.2
42	14	35.7	119.6	92	4.5	88	47.9	179.3
85	11	19.38	97.5	87	4.6	154.4	70.4	111.3
27	12	21.74	111.9	83	5.2	111.1	32.4	194.8
84	4	31.08	139.6	105	4.8	141.2	31.2	111.9
35	8	28.62	105.8	80	4.2	75.5	38.1	169.8
51	8	32.37	125	100	5.1	114.3	85.8	67.8
25	3	19.33	75.6	60	4.5	140.3	56.3	140.3
57	11	25.28	122.8	63	4.7	135.5	37.1	162.7
59	14	23.3	92.5	92	4.2	130.3	63.8	121.7
58	4	20.34	109.1	62	4.3	137.3	22.5	188.7
23	8	30.58	121.5	89	4.8	145.8	48	89.9
69	1	32.66	112.6	99	4.3	30.8	52	187.7
43	7	24.98	101.5	78	4.4	87.2	66.7	166.5
81	5	36.14	144	97	5.4	47.7	28.4	111.3
76	12	22.29	91.5	79	4.8	48.1	69.3	68
73	6	35.99	112.9	104	5.1	84.4	65.4	229
76	7	30.37	110	98	5	87.1	70	148.5
87	4	19.66	107	74	4.4	140.8	32	122.7
50	1	38.89	134.1	108	4.8	64.2	76	130.4
70	3	24.33	103.1	93	4.7	105.4	21.8	101
39	7	34.23	141.9	95	5.4	147.9	31.2	182.6
38	9	27.87	115.1	76	4.8	95.4	52.7	156.4
87	5	29.25	133.8	106	4.8	158.6	44.3	79.8
87	3	32.41	126.9	108	5	43.7	29.9	152.6
21	10	32.08	100.7	62	4.2	74.5	85.5	84.2
79	16	24.95	130.9	91	5	146.3	24.5	189.6
79	16	30.19	138.7	116	4.8	79.7	24	111.8
41	12	29.74	118.6	94	5.2	92.8	54.9	208.2
72	4	28.28	113	103	4.3	150.1	49.2	223.7
26	10	25.78	81.7	67	4.6	119.9	28.1	130.6
20	9	28.27	70.1	77	4.3	50.7	82.7	111.3

48	9	38.81	134.5	98	5.4	118.5	51.6	76
57	15	25.23	81.2	82	4.6	78.8	41.5	54.7
53	9	34.24	119.7	90	4.4	85.2	50	75
41	10	23.28	85.8	62	4.4	97.2	26.4	122.9
23	15	21.71	83.3	68	4.5	82.6	66.3	50
83	8	46.66	177.3	115	5.7	114.7	53.9	186.9
21	2	30.24	116.3	85	4.9	73.9	46.3	173.8
23	6	30.41	107.9	80	4.6	109.1	50	173.9
68	14	30.57	108.7	74	4.6	122.7	36.7	208.6
79	14	35.44	135	118	5.6	98	67	91.7
74	10	29.45	107.8	98	4.7	102.1	40.2	94.6
83	5	31.9	120.5	96	4.5	102.7	41.7	206.5
25	9	20.65	86	63	4.7	103.9	53	121.7
43	7	32.9	97.7	77	4.1	96.9	19.9	169.6
68	13	25.58	103.3	86	5	95.5	58.3	50
62	15	31.03	102	99	5	96.3	49.6	203.6
61	4	16.71	98.8	88	4.9	105.6	58	167.7
22	3	30.78	92.2	79	4.5	87	46.4	74.8
87	15	15	65.3	77	4	95.6	37.4	223.4
43	5	25.34	121.7	90	5.1	129.8	51.7	157.7
85	6	16.77	116.2	67	4.8	160.2	64.9	246.6
36	6	30.8	74.4	86	4	173.8	41.7	50
37	3	27.42	109.4	72	4.5	104	62.4	167.8
29	4	22.38	107.1	71	4.9	69.1	45.5	119.6
64	6	35.61	125.4	109	5.1	92.7	43.2	135
18	15	21.62	79.5	60	4.2	104.4	63.3	157.4
31	8	15	65.7	70	4	132.5	55.2	59.9
81	11	30.08	133.5	101	5.4	78.5	29.5	255.4
55	7	16.4	100.8	70	4.8	96.3	47	236.6
54	0	21.81	77.8	90	4	69.7	32.6	161.2
28	12	23.9	76.2	64	4	150	57.9	84.1
20	10	18.46	73.4	60	4	116.3	36.3	135.6
50	0	24.04	102.7	68	4.6	89.4	52.4	161.6
23	12	18.57	79.8	68	4	101.9	57.8	115.8
67	11	27.97	111.6	85	5	59.5	57.9	193
27	7	19.63	64.5	60	4	113.6	41.8	157.4
22	1	27.18	105.1	65	4.4	111.6	50.7	146.3
40	2	33.97	94.6	92	4.7	46.9	39.5	189
27	2	31.69	94.5	83	4	78.1	43.6	63.8
61	7	26.51	108.8	71	4.8	91	35.8	110.4
19	9	21.07	83.9	60	4.6	91.3	50.8	144.4
30	2	27.96	91.5	73	4.4	84.8	57.2	112.5
57	8	22.83	110.5	88	4.9	103.8	37.3	79.1
19	3	28.21	109.7	71	5	141.8	37.4	91.7
82	11	16.71	90.1	62	4	114.4	73.9	149.8
80	12	31.84	134.6	98	5.3	135.3	37.4	163
34	9	27.2	100.1	79	4.3	110.9	60.8	265.1
26	13	40.25	113.4	81	4.5	90.4	65.1	204
32	3	34.84	82.1	77	4	94.7	54.3	94.8
41	8	30.4	111.6	93	4.8	124.1	55.5	211.8



55	6	26.26	112	71	5	116.2	51.1	152.6
52	16	22.62	112.5	85	5.1	140	29.5	142.5
66	8	32.65	118.3	81	4.8	100.2	66.1	116
86	12	25.62	109.2	77	4.6	58.1	43.3	70.6
79	6	34.01	118.8	102	5.1	94.2	62.5	150.5
77	9	29.4	77.3	87	4.3	55.2	49.7	85.5
67	10	29.45	111.3	86	4.5	96	57.2	135.4
26	6	30.57	140.6	83	5.1	64.8	54.1	207.9
51	8	21.48	112.5	69	4.8	97.2	43	201.5
52	2	20.87	77.9	65	4	104.4	61.9	137.8
18	12	20.66	67.6	69	4.1	96.4	30	200
57	7	33.28	112.2	96	4.7	91.7	68.5	163.5
81	9	21.33	129.1	84	4.7	88.5	66.5	225
39	15	22.07	122	72	4.6	134	46	90.9
77	4	30.23	125.3	88	5.4	108.5	53.8	143.8
81	16	25.49	120.4	80	4.6	54.4	46.2	125.8
89	12	24.72	126.7	88	4.6	104	37.6	170.2
28	10	24.2	87.2	64	4.5	145.5	48.7	167.2
31	11	15	74.7	60	4.2	86.2	54.1	149.5
77	11	21.2	106.6	78	4.7	88.5	70	261.9
47	16	34.09	123.8	93	5	119	47	92.1
52	14	23.76	68.5	78	4.3	74.3	50.2	106.6
54	16	15.6	76	85	4	64.6	69.6	198.3
22	10	20.95	60.1	60	4	53.1	57.6	168.9
43	0	29.16	115.2	82	4.9	120.4	29	107
79	14	29.04	110.8	84	4.2	126.1	49.5	215.1
21	14	25.23	62.5	67	4	82.4	62.6	152.1
59	15	22.86	73.4	71	4.3	65.4	86.9	152.9
35	12	18.59	86.4	72	4.2	126.1	52.8	120.2
57	2	29.21	98	74	4.8	96.2	18.8	172.1
89	8	32.03	131.5	110	5.3	39.8	22.7	90.8
56	13	34.73	146.2	102	5.7	111.2	39.7	110.1
31	3	20.34	86.8	88	4.5	108.7	35.8	193.8
49	7	35.19	112.2	113	4.9	141.7	62.4	50
68	1	26.66	94.7	80	4.6	125.2	78.1	120.1
55	16	27.16	113.3	97	5	126.9	61.6	178.3
40	1	32.36	107.8	85	4.7	73.7	63.6	222.3
80	2	23.75	121.2	90	5	59.4	59.9	157.8
32	13	15	50	77	4	115.4	55.4	191.1
42	0	31.23	125.5	79	5.3	100.6	38.6	181.4
34	15	29.09	74.5	82	4	119.4	61.8	115.1
83	0	24.84	108.9	70	4.7	103.8	44.5	130.4
70	3	30.74	142.3	103	5.1	143.3	62.4	154.9
68	13	31.96	89.4	117	4.5	87.1	56.5	249.2
56	14	17.93	87.6	77	4.7	101.3	50	169.2
68	0	27.14	109.2	102	5	81	38.9	143.4
87	6	15	98.1	88	4.6	73.8	48.9	83.1
23	6	26.26	94.4	67	4.5	139.7	41.3	129.9
84	10	24.76	116.7	93	4.8	96.6	24.1	130.8
24	4	29.95	76.8	85	4	174	33.4	182.9

68	15	20.56	101.6	67	4.4	59.7	54.4	120.4
89	11	24.47	118.2	105	4.8	102.9	10.9	154.3
59	9	15	83.6	63	4.6	104.8	85.6	159.4
81	4	30.35	157.5	95	5.6	137.4	42.4	159.7
32	10	26.47	114	74	4.9	73.5	62.9	117.8
46	1	27.52	130.4	83	5.5	82.1	17.6	123.4
50	15	18.04	91.2	99	4.3	57.6	35.3	166
44	9	29.39	132.6	79	4.9	144	65.9	120
53	1	36.92	112.5	83	4.6	48.3	56.3	63.9
46	12	25.89	94.4	82	4.3	103.6	44.1	159.5
55	8	30.9	105.6	82	4.8	174.9	79.8	52.1
74	3	21.78	98.1	78	4.3	134.1	28.8	142
44	16	26.54	100.7	87	4.7	136.9	66.4	96.5
72	11	17.81	99.7	65	4.9	151.4	43.6	135.7
50	0	31.73	119.9	86	4.7	105.2	37.3	235.3
85	1	27.96	149.6	98	5.1	105	20.5	180.5
83	3	19.68	83	74	4.3	99.9	22.7	120.8
27	5	22.19	64.8	68	4	97.7	52.1	82.7
22	14	27.37	54.1	78	4	81.6	51.1	55.2
55	4	32.54	105	92	4.7	141.5	38.6	81.8
30	9	35.88	105.1	92	4.5	84.2	46.9	103.8
48	13	26.2	90.9	85	4.7	91.5	47.8	88.4
64	6	18.81	77.5	68	4	60.3	42.9	170.1
69	5	28.43	117.7	76	4.7	124.9	35	144.7
73	8	37.71	131.1	96	5.5	147.8	57.9	228.4
32	8	17.26	62.2	60	4	33.1	68.7	95.9
46	14	21.27	92.8	86	4	146.4	55.6	131.5
25	12	30.67	90.2	64	4.7	122.1	56.5	61.8
22	0	27.92	109.2	82	4.4	138.1	61.3	152
46	3	23.73	93	70	4	111.2	46.5	54
64	14	28.32	108.4	100	4.7	118	40.4	92.5
85	15	32.87	137.2	98	4.8	110	20.1	145.6
62	6	26.41	78.7	86	4.2	70	41.7	50
19	6	25.88	104.5	77	4.5	96.4	40.5	114.2
44	0	30.53	119.8	99	5	85.3	34.2	123.5
53	16	25.38	90.4	76	4.1	132.6	53.5	191.4
53	9	33.86	102.3	88	5	91.9	47.1	176.2
43	15	39.16	109.7	104	4.5	114.7	56.4	146.6
60	12	21.64	77.1	62	4.2	67.4	33.1	109.6
44	9	19.5	60.5	60	4.2	155.3	27.1	135
86	14	29.23	104.8	101	4.5	107.8	60	183
37	14	19.29	50	74	4	59.4	62.4	163.9
28	1	19.18	71.9	68	4	130.3	37.4	218.1
55	10	15	80.5	66	4.6	107.5	44.6	147.6
23	2	24.71	105.1	66	4.9	123.7	54.1	159
89	16	26.8	137.9	110	5.7	194.5	58.7	91.1
40	9	23.9	81.8	93	4.3	134.4	23.7	135.5
64	3	35.34	124	101	4.8	132.8	64.8	156.4
63	14	34.9	142.8	92	5	89.3	30.1	144
29	8	38.57	109.9	84	5.1	103.2	29	236.5

30	9	27.28	97.1	82	4.4	89.3	43.8	83.5
79	3	34.1	123.6	90	4.9	60.7	43.5	130.8
77	12	28.85	121.8	82	5	87.1	50.4	228.6
60	0	28.25	112.8	83	4.4	134.1	52.4	184.6
85	15	24.2	110.7	94	4.5	111.5	75.4	158.5
22	7	15	82	71	4.3	65	36.3	85.6
54	3	30.82	100.7	92	4.1	96.8	66	158.6
89	14	33.92	139.1	110	4.9	76.4	27.8	138.1
48	13	17.85	111.5	79	4.7	114	31.4	203.9
26	1	26.94	96.5	85	4.6	79.5	35.9	154.7
68	10	32.95	113	92	4.4	83.4	21	228.1
46	15	24.84	102.9	87	4.1	61.4	56.7	248.7
57	9	34.16	158.3	106	6.1	149.9	68.3	165.6
58	7	26.16	106.9	87	4.2	98.4	63.6	169.9
28	11	23.85	98.6	73	4	96.6	26.9	142.7
40	7	34.5	114.1	97	4.6	110	84.2	69.9
18	12	21.4	80.9	70	4	112.2	51.7	71.7
63	0	22.65	100.6	62	4.6	79.4	73.2	196
38	10	21.63	72	76	4.3	107.1	47.9	220
53	11	20.14	97.4	85	4.4	102.8	48.1	122.3
71	15	27.92	98	101	4.7	130.6	44.4	135
74	1	23.92	105.2	89	5	122.6	81	135.9
18	12	29.93	122.5	79	4.6	99.7	70.8	109.8
80	15	16.59	97.1	72	4.4	100.7	49.1	261.6
71	5	20.26	87.2	78	4.4	93.6	45.2	131.4
72	14	27.31	119.2	97	4.7	103.3	61.2	206.3
57	15	35.82	116.8	102	5.1	99	22	50
32	16	29.27	101.2	90	4.7	104.8	17.4	210.6
38	2	23.46	73.3	69	4	56	34.5	254.3
64	11	18.06	104.8	85	4.2	80.8	55.6	166.4
70	3	23.11	108.1	77	4.2	143.1	65.9	186.3
26	9	26.75	76.5	77	4	80.2	31.3	199.4
69	5	15	94.9	65	4	95.8	73.1	178.1
74	13	19.72	130.5	78	5.4	106.3	42	141.9
43	2	22.57	79.7	95	4	94.8	56.4	110.3
58	1	25.46	116.3	88	5	83	41.9	188.3
52	5	26.67	110.6	85	4.6	127.6	48.2	89.7
80	1	23.33	117.7	101	5.1	68.9	77.1	184.2
42	11	30.04	119.6	60	5.3	38.2	42	99.2
55	6	27.75	103.8	84	4.9	138.7	35.9	94.4
19	2	24.78	86.3	65	4.2	61.3	60	50
24	0	30.86	100.2	72	4.1	121.7	64.6	124.5
51	4	30.37	98.4	73	4.3	88.4	27.4	203.4
34	11	18.28	85.4	63	4.1	145.1	55.5	182.7
60	3	26.81	103.2	93	5	92.6	58.1	127.3
76	3	32.34	155.1	97	5.7	83.8	76.2	107
68	6	33.34	118.1	106	5	126.6	44	233
71	15	29.23	99.2	93	4.8	137.2	70.2	50
41	10	25.6	113.5	90	4.8	148.6	52.4	149
42	12	29.53	93.9	79	4.5	24.6	45.5	94.4

88	1	31.85	114.5	83	4.5	40.6	38.9	157.9
69	12	27.69	120.7	74	4.5	67.3	57.4	156.8
87	7	28.37	145.2	91	5.6	66.5	32.5	198.8
50	3	25.5	112.1	72	5.1	85.2	33.6	210.5
66	5	18.98	87.4	70	4.2	101.5	59.1	53
46	7	25.95	101.8	92	4.6	105.7	77.7	112.1
80	11	22.94	106.6	71	4.4	116.6	28.7	154.3
39	15	22.96	115.3	89	4.8	79.1	39	204.6
43	7	35.6	111.1	86	4.4	97.3	54.4	179.3
45	10	32.71	114.4	78	5	98.1	41.7	88.9
66	13	16.84	94.2	71	4.4	100.5	21.8	160.7
88	11	20.49	92.6	100	4.4	84.8	37.2	191
66	16	24.82	104.7	77	4.1	106.4	57.3	105.4
37	5	23.16	87.2	67	4.4	68.9	45.8	113.6
80	6	28.9	143.5	90	5.1	151.6	55.5	121.9
78	10	19.54	106	92	4.5	73.6	29.5	114.6
66	10	32.75	117.8	92	4.8	111.9	55	139.1
88	7	26.74	120.3	98	4.9	90.3	18.6	149.4
18	9	24.96	82.9	72	4	85.3	61.7	149.4
30	7	26.91	93.2	76	4.7	54.6	70.5	172.9
68	13	24.49	121.9	80	4.9	83.7	29.1	133
73	9	15	106.2	92	4.7	92.7	41.4	97.9
79	11	27.07	103.8	120	4.7	82.6	27.8	102.8
49	15	25.08	115.7	71	4.9	120.2	51.4	175
47	14	21.27	102.3	63	4.6	150.1	52.3	111.9
46	2	33.58	114.4	92	5.1	97.9	29.9	169.4
66	2	31.02	97.9	71	4.8	115.4	41.3	173.9
62	4	41.63	142.4	109	5.3	137.2	66.1	202.1
47	4	32.01	107.2	110	4.8	67.9	58.3	104
33	11	23.14	96.1	66	4	153.2	52.9	108.2
57	1	21.57	106.3	88	4.2	60.4	66.5	193.4
36	9	24.03	110.8	89	4.7	100	77.1	57.6
35	15	23	72.6	64	4.4	120.2	52.1	180.9
18	5	27.65	121.4	76	5.1	146.4	54.6	202.8
64	5	17.77	106	77	4.8	99.7	45.8	58.8
83	6	30.88	139	106	4.9	103.1	52.6	156.9
55	7	27.55	136.3	93	5.2	148.9	39.4	125.1
68	13	30.19	124.1	104	4.9	54.9	24.7	224.7
80	0	20.14	120.8	74	5.2	69.8	62	235.3
21	0	28.48	95	78	4	63.3	60.5	271.6
18	7	34.8	116.2	100	4.9	67.5	51.1	224.5
25	11	21.84	98.6	84	4.9	72.3	51.9	223.1
46	5	21.67	107.2	76	5	137	39.6	282.6
72	2	31.27	100.9	91	4.9	145.6	68	157.3
20	12	21.19	71.2	76	4	111.4	31.8	181.6
49	6	25.6	118.3	86	5.3	129.4	71.1	229.1
27	13	35.85	117.7	95	5.2	124.5	58.8	145.6
51	4	21.76	93.3	83	4.7	100.1	54.4	112.4
72	11	36.27	141.2	94	5.8	127.8	55.3	119.6
49	12	24.99	82.9	88	4.6	122.7	65.2	134.6

67	16	20.27	110.8	80	4.5	119.4	41.6	148.1
24	2	30.62	103.8	92	4.2	102.7	61.8	117.4
25	5	27.65	94.1	77	4.6	105.6	44	65.8
82	15	27.08	117.5	99	4.9	94.9	57	213.1
74	9	22.39	110.2	88	4.5	47.2	26.4	264.9
84	4	27.6	118.1	89	5	98.1	39.9	78
76	5	15	88.1	64	4	101.6	76.3	89.1
89	13	28.31	153	105	5.1	73.2	70	117
71	4	34.78	106.3	92	4.5	85.6	74.7	87.6
84	0	16.41	76.3	74	4	121	67.1	128.2
68	0	24.56	119.8	81	5.1	126.3	40.5	149.8
25	2	21.75	62.7	71	4.2	50.2	42.4	176.1
51	6	17.93	56.3	76	4	79.1	64.8	132.9
52	4	15	96.2	60	4.6	123.9	66.2	224.4
49	4	19.91	108.2	65	4.2	62.1	70.8	101.2
63	7	25.55	88	77	4.3	96.1	52.9	121.2
33	15	33.89	82.4	86	4.5	62.6	49	266.9
85	12	17.86	84.9	60	4.4	73.3	67.9	162.3
54	14	28.77	99	98	4.2	110.6	27.1	173.3
71	2	28.32	145.8	92	5.8	118.8	47.5	108.8
31	12	37.03	108.1	91	5.1	131.4	46.1	159.5
72	13	30.43	134.3	102	5	183.9	46.3	153.1
65	7	30.77	129.9	98	4.8	94.3	69.9	155.4
24	5	31.2	119.2	87	4.7	95.8	59.3	167.6
24	14	21.45	70.5	67	4	138.4	51.9	214.7
50	15	23.56	97	79	4.8	133.8	27.1	87
40	8	33.7	109.1	98	5.1	116.3	33	179.6
36	6	15	81.1	66	4.3	88.4	62.1	162.6
36	8	22.91	107.1	90	4.9	122.2	53.8	184.7
53	12	19.02	122.2	73	5.1	82.3	68.4	198.6
46	4	28.41	99	90	4.4	80.2	39.3	139.5
77	14	24.47	114.6	86	4.9	108.3	50.6	139.7
19	3	30.76	109	83	5	162.1	47.5	182.1
18	2	26.35	95.9	76	4.7	91.5	63.3	109.5
64	8	17.72	118.2	69	4.4	101.8	80.9	142.4
86	6	18	102.4	74	4.5	52.7	41.6	155.4
37	13	26.96	91.5	85	4.2	72.8	19.5	202.2
28	16	22.37	104.4	74	4.8	110.9	57.3	156.6
19	7	23.8	86.6	84	4.2	114.4	56.2	159.5
84	13	32.63	140.4	102	5.2	158.2	22.8	138.8
29	2	31.55	101.5	74	4.7	68.6	35.2	164.9
37	5	37.79	133	95	5.1	104.1	43.4	159.1
22	4	25.1	73.2	79	4	86.4	67.2	117.6
54	16	23.15	91.4	60	4.7	108.5	34.5	181.4
55	5	29.51	71.8	88	4	83.9	46	83.8
26	11	23.64	75.9	77	4	48	20.5	154.9
70	3	23.83	121.6	87	4.6	119.3	57.3	239.1
61	12	25.79	107.8	81	4.3	77.7	31.4	77.8
41	6	36.92	105.5	83	4.6	93	82.6	101.2
47	4	31.22	132.4	88	5.3	102	37.2	210

76	11	31.85	128.8	86	5	99.2	64.2	190.7
31	4	36.65	139.2	99	5	10.9	58	100.6
26	11	32.42	115.7	85	4.4	52.2	37	90.1
57	0	20.21	96.7	90	4.4	91.7	66.7	50
83	14	32.32	158.7	81	5.7	169.1	19.7	60.2
42	12	33.09	106.6	86	4.4	72	49.6	139.1
39	8	30.91	89.9	93	4	88.8	60.6	209.1
21	0	25.83	111.2	84	4.3	140.4	46.4	203
43	12	30.28	116.1	94	4.3	121.1	32.8	189.5
75	16	26.88	137.2	81	4.8	112.7	73.7	79.1
46	2	21.13	103.5	68	4.8	103.6	48.1	219.6
54	2	22.62	121.9	60	4.8	42.9	41.7	181.6
87	1	31.22	123.3	101	4.5	52.6	33.4	76.6
35	3	21.57	82.8	82	4.2	72.5	51.4	88.2
59	12	22.13	95.8	78	4.5	88	46.8	190.5
58	11	31.52	114.3	98	4.7	136.2	45.7	193.7
55	6	27.8	84.6	91	4	101	74.8	130.3
51	12	30.46	113.9	85	5	80.9	74.5	125.2
34	2	19.63	93.1	60	4.6	91.6	53.8	174.3
54	14	30.3	102.4	103	4.4	141.2	60.3	159
42	9	23.04	78.4	79	4	103.8	27.7	180.5
44	0	20.9	86.8	60	4	120	51.4	78.3
74	12	23.97	121.7	89	5.2	85.5	54	149.2
48	8	35.17	103.2	97	4.7	42.2	46.7	167.9
23	1	24.81	121.1	85	4.5	119.6	43.5	159.8
57	3	40.21	114.4	110	4.7	109.7	38.2	151.8
29	6	15	60.9	63	4.1	129	50.5	112.9
70	7	17.72	112.5	77	4.7	102.5	67.2	166.8
88	1	34.95	153.4	99	5.4	172.6	69.7	61.6
27	11	36.45	124.6	97	5.1	71.7	50	161.7
62	0	21.82	89.4	79	4	67.4	66	223.5
34	2	27.41	89.4	69	4.3	94.5	36	160.7
43	0	31.27	96.2	81	4.6	91.1	58.5	104.1
79	7	25.62	110.9	78	5.1	94.1	48.3	133.6
63	7	27.9	118	99	5.1	97.1	39.8	109
81	1	27.07	106.7	112	4.5	90.4	82.3	160.1
19	13	18.11	50	72	4	83.6	42.9	151.2
71	2	24.93	127.9	90	5.5	70.3	44.5	103.2
82	9	27.07	117.4	92	4.8	116.7	43.1	204
68	16	27.62	125.5	86	4.5	135.8	55.2	134.3
70	4	16.62	88.6	64	4.7	198.8	70.2	171.6
53	4	31.52	122.7	110	4.6	111.1	32.7	227.8
43	4	27.78	137	72	4.9	133.9	57.2	88.6
46	10	20.67	72.2	64	4	106.5	55.2	228.4
38	13	37.79	107.9	94	4.5	121.2	25.8	119.5
28	8	24.92	75.3	72	4.3	97.8	70.3	216.4
57	14	25.31	135.7	89	5.1	91.3	54	209.8
28	2	30.85	100.4	75	4.1	92.9	60.8	118.7
53	3	38.3	141.4	81	5.5	156.9	18.9	144.4
76	12	31.09	85.5	95	4.4	153.5	72	56.2

56	16	31.96	122.5	91	5.3	74.9	80.9	133
71	11	20.99	97.1	78	4.3	115	47.7	100.4
72	7	27.52	136.9	88	4.8	92.1	39.1	113
41	9	23.81	103	72	4.6	153.8	13.3	153.2
39	9	31.22	100.6	73	4.1	64.4	30.5	171.3
86	2	31.78	155.3	116	5.1	134.1	62.6	118.4
73	16	36.8	160.2	119	6	103	49.5	151.7
50	11	15	102.6	79	4.5	44.3	27.2	125.7
53	16	23.22	109.4	66	4.7	157.7	72.9	172.4
37	14	34.8	108.9	95	4.8	48.1	40	138.4
79	8	18.59	105.2	75	4.5	69.4	27.8	95.2
43	4	31.83	103.9	83	4.1	62.7	50.7	114
83	6	33.8	137.4	94	5	139	57.7	136.4
57	13	26.83	98.2	111	4.2	81.7	29.9	181.8
34	16	18.47	76.4	63	4.5	65.1	45.5	225.7
18	10	26.27	118.7	63	5.1	118.4	73.1	118
78	7	35.75	140.2	106	5.3	66.7	29.7	62.3
60	1	36.23	121	107	4.5	114	55.3	212.7
59	2	28.25	94.5	86	4	110.9	45.2	178.2
42	7	21.14	86.8	74	4.5	107.6	58	164.5
56	14	37.43	139	110	5.7	41.6	34.3	83.8
52	3	31.93	116.9	81	4.4	134.9	53.5	146.2
20	6	21.53	77.3	68	4.5	144	35.7	185.2
61	3	29.06	120	83	4.8	128.5	20	79.4
68	3	28.78	122.5	83	4.7	122.8	28.8	195.9
29	11	23.18	96.4	88	4	94.8	46.7	170.7
36	16	29.09	112.2	81	5	151.8	53.5	211.3
61	8	33.64	121.5	86	4.9	58.4	68.2	189.9
76	8	25.22	111.4	87	5.1	31.9	55.4	50
66	13	34.25	126.5	87	4.8	137.4	73.4	99.9
78	5	16.47	105.3	73	4.8	47.4	47	184.1
34	5	40.31	139.4	91	4.9	133	58.3	88.8
74	16	27.34	111.6	96	4.3	57.4	35.3	111.1
72	7	33.44	125.4	119	4.6	119.2	54.7	141.8
64	16	28.31	101.4	87	4.8	77.8	44.4	124.9
29	2	22.06	61.2	63	4	111.8	42.8	50.1
79	16	26.78	99.5	92	4.2	142.3	51.1	172.2
25	12	15.54	53.5	73	4	74.9	28.7	138.8
38	4	31.13	96.3	91	4.7	149.7	55	162.1
87	11	28.16	131.7	94	4.9	100.5	60.6	139.9
89	2	25.85	105.1	72	5	103.5	39.4	50
42	4	31.52	109.3	87	5.1	135.6	52.7	117.6
29	16	27.23	106.5	85	4.7	139.4	68.8	104
32	14	30.64	89.8	93	4.4	98	61.3	151.5
76	6	32.77	121.2	113	5.1	54	48	183.1
43	5	23.7	74.1	69	4	101.5	55.9	130.4
43	5	21.99	76.2	69	4	54.9	72.4	181.5
64	16	16.66	110.9	70	4.4	97.3	53.8	218.7
49	1	27.74	112.6	91	5.2	89.5	64.2	179.3
27	15	29.71	130.2	78	5.3	56.7	61.9	243.6

33	2	19.06	68.6	71	4	73.5	51.4	91.2
88	4	35.52	162.7	103	5.8	138.3	69.4	203.4
34	12	22.07	75.2	64	4	90.3	34.8	126.1
40	14	15	67.5	73	4.2	86.2	56.4	165.8
43	15	35.97	159.3	97	5.5	116.1	41.7	74.3
24	9	15.16	54.8	65	4	149.2	63.4	245.6
31	7	32.79	129.9	84	4.8	82.5	49.7	114.1
24	0	31.33	99.2	90	4.5	135.1	64.3	192.2
26	0	28.92	79.7	68	4	100	61.5	240.2
65	15	23.86	83.8	74	4	157.9	43.7	148
89	9	30.02	131.1	109	5.2	132	58.1	213.2
76	15	33.29	112.7	100	4.9	89.1	56.9	87.7
56	4	21.09	90.7	73	4.8	108.3	46.9	194.5
35	1	32.86	79.7	78	4.3	76	63	157.5
76	0	32.59	133.5	107	5.2	104.9	48.4	139.1
34	9	28.76	76.4	99	4.4	75.2	38.3	118.4
31	5	23.77	87.1	79	4.6	79.3	54.3	78.5
48	16	32.61	93.5	86	4.4	135.1	56.8	156.9
41	6	30.05	124	99	5	106.8	5.3	129.3
77	6	20.9	73.7	86	4.4	110.9	86	181.5
62	12	24.8	101.4	79	4.6	85.1	92.5	164.7
20	8	31.91	107.2	94	4.9	90.7	37.5	166.4
54	10	27.69	112.8	83	4.3	89.3	59.2	181.2
60	11	33.52	103.3	81	4.8	82.3	34	97.5
57	1	24.95	77.3	79	4	81.2	25.1	75.5
72	2	21	114.7	86	4.4	74	43.1	102.2
56	16	40.16	131.5	97	5.5	58.6	29.2	134.7
32	4	16.91	58.7	60	4	97.7	58	102.2
21	10	24	95.8	84	4.3	71.4	63.2	87.7
42	9	28.68	94.9	113	4.3	149.8	76.4	73.7
30	1	32.92	96	81	4.1	59.9	50.7	141.7
50	12	30.88	98.8	83	4	87.9	62.9	137.3
33	8	40.87	111.8	85	4.6	122	55.8	149.1
59	16	26.29	95.1	76	4.1	35.8	54.3	189.2
83	3	21.76	114.9	70	4.7	123.2	35	150.1
72	12	25.68	135.6	75	5.5	75.3	46.4	176.6
59	3	25.08	83.7	83	4	67.6	44.5	180.9
51	2	26.59	98.6	67	4.1	117.5	58.9	88.8
47	2	21.11	88.3	60	4.7	121	18.4	251.3
30	12	31.7	110.4	86	5	66.8	65.8	107.6
30	10	29.22	113.3	74	4.3	89.9	46	144.5
35	12	19.42	78.9	71	4	136.2	40	120
49	16	32.81	105.6	88	4.8	86.7	55.2	143.9
56	12	22.13	105.9	76	4.5	69.9	49.7	213
63	2	19.9	71.7	84	4.2	96.3	52.4	206.1
46	4	27.52	70.9	77	4	97.2	69.6	126.8
79	11	16.45	136.3	83	5.7	92.2	23.1	79.2
79	16	30.54	113.5	93	5	113.5	29.1	244.7
74	16	15	85.8	64	4	80.7	41.7	222.2
33	7	20.82	91.3	60	4.2	118.9	71	50



73	13	36.45	139.6	88	5.4	88.9	61.9	159.3
27	8	22.88	97.5	60	4.1	56.8	48.1	79.1
47	7	23.93	110.4	60	4.2	147.7	59.1	140.3
42	13	34.64	93.6	82	4	53.8	62.6	158.8
22	14	22.24	99.5	76	4.5	124.8	57.8	177.3
82	15	31.58	136.8	99	5.4	95.2	66.3	63.6
66	2	34.05	131.8	94	4.7	100.6	52.6	229.1
20	13	29.87	101.1	71	4.7	73.8	57.4	100
62	5	18.33	59.2	73	4	85.4	57.4	123.4
31	11	23.38	84.1	72	4.6	123.9	43.8	158.4
47	2	43.28	120.6	95	5.3	66.7	48	122.4
85	5	24.06	99	94	4.9	84.9	57.6	174.5
35	14	44.92	125	102	5.5	131.7	35.4	169.2
79	7	37.25	151.4	110	5.5	82.4	39.1	176.4
54	6	30.11	116.5	89	4.8	100.9	46.1	164.9
42	16	28.78	110.1	69	4.5	103.3	50.8	80.2
65	3	24.21	99.2	96	4.5	73.9	49.7	173.3
82	13	26.47	124.6	92	4.6	112.7	49.7	221.7
70	3	22.87	102.8	79	4.7	97.8	52	118.5
32	16	26.62	108.5	83	4.2	76	46.5	147.2
66	9	18.83	106.1	64	4.4	119	39.8	199.4
85	6	18.51	106.9	65	4.3	104.4	50.5	198.7
29	0	34.81	97.1	94	4.9	97.9	59.6	114
76	7	17.33	101.8	88	4.2	90.7	62.9	106.6
54	16	32.32	120.3	95	5.3	56	20.1	150.4
78	2	15.63	97.1	82	4.1	95.4	35.1	165.8
60	2	30.78	109.4	79	4.8	33.4	64.2	189.3
87	11	25.75	110.2	89	4.5	122.1	45.8	50
56	4	34.93	127.7	90	4.9	65.4	22.5	138.2
73	16	25.01	98.7	97	5	116.2	68.3	152.3
80	11	15	91.2	79	4.1	57.9	65.1	67
63	4	25.87	117	96	4.5	61.1	32.3	160.3
28	9	27.96	101.5	72	4.6	77.7	32.4	113.5
79	3	26.21	99.6	79	4.7	155.9	94.7	200.2
42	8	30.45	111.4	99	5.2	86.9	36.2	133.3
88	0	23.61	146.7	90	5.6	150.3	68.3	145.1
69	11	19.42	108.5	88	4.7	113.9	73.2	86.8
21	3	21	73.4	65	4	92.2	28.2	213.7
76	3	23.91	130.4	108	5.2	105.2	36.3	197
89	8	23.85	150.2	102	5.6	110	65.5	152.6
37	13	41.44	139.3	99	5	113.3	29.6	137.5
80	9	34.53	108.1	104	4.8	139.8	33.9	194.5
71	15	31.12	132	96	4.8	102.6	47.1	184.7
74	13	29.68	141.6	83	5.3	118.4	48.1	112.5
58	6	28.8	80.6	83	4	158.7	66.4	109.3
20	0	28.83	106.7	71	4.4	52.9	58.4	105.5
23	10	27.98	89.4	79	4.4	96.5	53.1	146.1
22	8	27.24	110.2	67	4.3	124	47.8	131.1
22	3	15	64.9	60	4	58.4	34.2	208.7
71	9	24.79	115.2	82	4.4	70.9	68.2	204.4

64	13	25.56	113.5	86	4.4	71.8	52.1	143.9
66	10	22.51	113.7	96	4.5	111.5	59.8	182
26	6	23.66	92	82	4.6	115.8	53.3	199.5
37	13	28.8	87.6	69	4.2	73.5	51.7	265.2
78	15	31.61	123.3	98	4.9	112.9	51.6	189.1
52	2	28.8	108.5	83	4.8	80.5	50.1	181.3
67	4	31.45	139.9	88	5.5	137.7	47.9	50
79	2	31.56	134.9	120	4.7	115.3	41	205.3
34	15	25.2	82.5	70	4.5	122	58	156
20	14	30.15	81.5	74	4.6	147.7	66.9	114.7
49	11	16.52	92.4	85	4	120.8	53.6	110.8
30	12	24.69	82.3	83	4.3	82.9	74.1	168.9
85	13	23.99	126.8	85	4.5	103.7	43.1	81
31	14	36.19	112	99	4.3	60.7	82.2	97.6
28	0	29.02	118.9	77	4.7	66.9	56.6	189.1
73	6	18.99	88.4	76	4.6	117.9	8.4	203.4
84	5	30.57	149.7	91	5.6	150.2	78.7	223.7
46	11	32.46	127.7	66	5	132.2	35.7	95.1
26	5	26.46	84.3	61	4.1	110.3	53.1	113.6
84	5	31.14	116.1	88	4.8	54.9	57.7	159
42	6	15	104.9	67	4.4	104.1	51	199.5
59	1	15	71	69	4.3	69.8	48.3	171.8
26	12	19.93	82.5	76	4.2	111.7	40.4	160.4
57	2	27.89	114.5	74	4.8	60.3	42.3	120.9
42	5	36.19	118.5	112	4.8	104.9	67.8	92.6
22	2	20.24	88.2	81	4.7	84.5	34.7	74.9
28	16	21.88	68.8	69	4.1	102.6	50.8	131.6
76	3	27.53	147.1	85	5.1	84.1	60.6	114.8
55	15	24.05	88.2	74	4.2	53	34.2	120.3
89	9	23.7	114.7	92	4.6	130.7	57	156.6
22	2	24.47	63.4	90	4.3	91.1	65.7	173.6
65	6	34.89	143	98	5.3	87	55.3	120.8
35	10	33.7	138.2	73	4.8	95.8	66.9	166.1
87	6	27.14	152.9	113	5.5	80.3	49.4	176.4
54	4	36.93	142.9	95	5.2	80.3	37.3	123.9
77	12	30.05	118	110	5	143.1	47.7	121.4
65	16	33.92	125.4	104	4.7	102.5	29.5	154.3
45	0	21.84	86.3	72	4	86.9	85.6	100.8
86	4	23.08	96	98	4	50.2	49.9	281.2
57	1	23.01	95.1	72	4.2	84.6	21.8	164.9
62	7	26.48	122.6	83	4.8	70.9	40.2	94.3
79	13	27.36	106.2	87	5	87.4	47	172.2
75	10	28.95	86.2	91	4	145.6	30.8	126.8
84	16	38.84	125.9	116	4.5	143	30.6	197.5
73	6	31.33	136.4	102	5.5	92.2	44.8	165.2
57	1	23.91	75.5	65	4.4	79.4	58.1	171.4
57	6	26.98	100.4	80	4.5	117.3	64.2	50
50	14	36.03	116.3	93	4.6	133.6	66.7	163.9
23	15	31.69	103.8	88	4.8	91.8	41.2	228.5
36	13	35.95	118.4	78	4.4	160.6	9.9	228.1

57	15	24.1	107.7	88	5.1	83.8	76.7	255.4
76	5	22.73	106.2	73	5	89.3	46.7	220.1
76	9	22.82	94.5	87	4.4	95.3	43.4	148
65	0	24.59	120.2	95	4.7	89.9	68.6	196.9
58	2	20.62	68.8	64	4	65.5	45.3	148.3
30	12	28.77	109.3	82	5.2	123.2	57.4	179.9
62	2	28.87	130.9	88	5.4	91.4	53.7	197.9
70	2	35.03	165.1	91	5.6	164.6	31.4	154.4
59	14	16.44	76.1	60	4	123.2	33.7	196.9
80	6	21.34	99.3	76	4.6	109.7	46.7	122.6
44	0	31.83	111.5	80	5.2	158	49.8	184.2
55	10	28.1	108.4	84	4.9	121.5	40.7	160.6
77	11	27.27	130.6	87	4.7	120.5	40.5	125.4
24	4	34.58	114	91	4.7	80	48.9	198.1
22	5	20.94	72.6	74	4	92.8	39.4	79.1
62	7	22.63	99.8	65	4.9	129.9	63.4	136.3
75	4	21.92	120.3	80	4.7	124.3	54.5	150.4
48	5	15	60	60	4	81.9	42.1	223.4
40	2	27.8	97.1	70	4	170.1	58.8	143.9
59	7	23.86	110.5	65	4.3	93.9	70	144.1
27	16	22.6	67.7	60	4	135.1	52.7	205.2
49	7	21.52	50	69	4	107.8	28.3	156.1
70	13	26.89	135.5	93	4.9	113.7	73.6	110.7
47	13	22.21	92.6	79	4.3	89.8	75	270.4
56	9	28.33	90.8	76	4.4	106.1	68.6	196
48	9	29.76	122.3	75	5.2	53.5	59.5	134.1
19	7	25.23	81.8	73	4.3	133.1	57.6	143.5
29	14	24.83	73.6	69	4	122.6	52.1	93.6
56	2	28.11	114.8	95	4.8	155.9	51.5	163
83	5	26.83	120.9	82	5.3	102.3	32.6	196.7
30	16	34.98	100.8	70	4.9	70.2	32.9	60
63	1	28.91	102.8	96	4.6	144.9	36.8	160.5
44	4	33.57	98.7	72	5	92.1	19.9	78
34	7	30.66	114.4	69	4.4	-7.4	31.3	134
77	2	19.09	83	73	4.1	115	49.9	157.9
81	14	23.65	100.8	84	4.8	128.1	16.5	159.4
52	13	26.71	105.9	89	4.3	136.6	35.7	269.1
87	1	32.21	154.8	92	6.1	73	46.5	164.4
47	4	38.57	127.6	113	4.9	115.3	38.5	121.8
88	14	24.1	126	75	4.9	117.4	45	102.8
80	1	27.33	121.2	89	4.6	118.5	54.3	121.9
45	16	31.8	124.7	97	4.8	82	64.4	168.7
77	7	26.65	145.9	99	5.5	110.7	38.9	62
54	13	36.86	119.2	69	4.8	133.6	45.4	89.6
39	5	18.91	82.5	95	4	43.6	16.8	164.6
85	16	31.07	132.2	96	5.5	99.6	58.9	140.8
37	11	31.01	113.5	88	4.3	130.1	37.1	173.6
85	0	33.91	137.3	101	5.6	148.4	55.1	109.9
81	0	27.37	112.1	114	4.5	146.5	45.3	120.3
34	14	32.35	106.6	99	4.6	128.3	83.5	203.8

29	13	25.51	127	96	4.9	156	77.5	182.8
39	1	22.19	93.6	77	4.4	129.3	59.4	74.1
34	8	21.32	56	79	4	30.2	56.4	62.4
27	9	18.35	69.3	60	4.4	86.5	53.8	98.2
82	6	24.35	114.9	86	4.6	142.8	43.1	120.6
39	2	28.87	100.1	92	4.6	84.7	38.4	196.9
67	9	25.75	109	89	4.6	139	35.9	87.7
31	2	28.19	101.2	80	5	123.2	40.5	186.9
81	16	34.41	141.9	96	5.6	156.5	56.3	131.2
64	2	23.9	108.7	94	4.6	87	46.4	142.9
46	1	41.04	144.3	114	5.4	44.9	19.3	128.1
53	4	31.53	92.1	101	4.1	93.7	88.5	166.7
69	6	25.82	107.4	90	4.9	57.3	47.6	199.5
24	0	25.68	94.9	73	4.7	86.2	82.2	114
46	0	20.95	93.7	84	4.8	16.2	44	205.3
28	4	26.85	82.9	86	4.2	100.5	46.3	192.3
50	11	15	72	60	4.1	113	63.9	135.8
23	2	34.53	92.9	89	4.3	114.7	45.5	117.5
49	16	15	94.1	71	4.5	129.7	56	220.1
68	5	27.25	85.7	82	4.1	109.7	45.1	136.3
75	7	20.14	83.6	89	4.4	80.6	42.8	140.1
43	16	22.79	98.4	82	4	137.6	73	171.1
63	9	23.57	111.8	78	4.3	121.4	31.9	188.5
46	11	38.55	101.3	86	4.7	98	42.3	217.4
21	3	20.38	85.7	70	4.6	96.8	77.4	176.1
30	12	32.49	107.7	105	4.8	81.4	45.1	157.4
56	9	33.96	128.7	98	5.3	138.8	27.9	161.7
32	5	15	72.1	66	4.3	101.1	59.2	88.1
46	14	23.31	101	65	4.4	126.5	49.5	134.8
46	10	35.91	126.7	95	4.6	40.1	56.7	101
49	2	19.11	94.8	70	4.8	104.4	51	191.4
19	8	34.19	106.5	76	5.1	108.6	33.4	117.5
64	0	26.89	109.5	91	4.6	65	53.6	206.9
39	3	26.63	96.6	83	4.1	77.8	69	126
44	15	27.42	105.3	79	5	122.6	42.5	116.5
84	4	29.06	137.5	96	5.5	118.2	36.7	113.1
73	16	21.27	133.5	102	4.7	109	47.4	78.9
38	9	25.44	102.8	71	4.2	139.1	46.9	108.2
64	2	29.22	121.1	79	5.4	117.2	45.2	113.1
76	12	28.06	137.4	81	4.8	142.2	68.5	199.4
23	12	29.1	100.6	81	4.3	72.8	53.6	135.5
36	15	22.69	72.5	60	4	107.2	74.9	140.4
74	14	30.79	112.6	91	4.4	102.9	53.4	129.7
86	14	27.76	151	85	5.3	63.6	55.4	201.8
20	15	17.52	59.3	60	4	153.3	82.7	158.6
18	5	23.81	90.2	68	4.1	86.3	55.1	104.1
75	16	21.63	90.9	86	4.6	111.7	46.2	84.5
55	11	21.55	114.9	82	4.8	85.4	35.9	124.1
32	12	24.14	82.4	85	4	134.2	37.2	210.5
51	4	30.68	113.1	85	4.6	92.3	43.7	142.6

78	7	23.24	107.1	79	4.2	92.2	46.3	208.2
52	0	28.35	115.3	94	4.4	100.6	19.1	236
81	14	27.37	122.8	76	5.2	102.5	49.8	247.6
42	1	22.33	104.3	81	4.2	83.5	9.1	133.9
41	4	24.93	105.2	79	4.6	76.8	69.2	107.7
29	5	32.19	108.1	89	5	83.8	21.7	189.1
35	3	27.9	108.1	83	4.5	95.3	52.8	94.8
32	9	30.29	112.1	84	4.6	108.1	52.2	150.7
44	1	34.63	110.3	94	5.1	87.8	70.1	105.1
89	9	29.61	121.6	88	5.3	65.9	52.1	128.8
77	0	15.48	117.7	67	5.2	63.7	48.5	145
63	8	28.62	124.3	107	5.1	72.6	54.7	126.9
34	3	23.29	94.6	79	4.8	109.9	42.1	186.9
70	10	37.86	123.7	116	5.3	126.3	42.3	161.9
25	8	29.4	69.5	76	4	66.9	53.2	101.3
44	11	23.42	89.4	77	4.4	112.8	45.6	105.7
63	7	30.4	110.5	97	4.3	111.1	59.6	117.5
67	9	27.54	108.9	101	4.7	155.1	36.8	214.8
88	14	16.69	115.2	77	4.6	169.7	64.3	186.6
20	0	32.18	122.3	87	4.7	131.8	57.1	50.6
81	3	24.57	131.3	96	4.8	121.1	50.4	165.1
61	15	35.52	117.5	108	4.7	116	26.9	275.7
70	15	26.25	120.6	86	4.9	78.1	62.6	165.8
41	3	35.64	109.5	106	4.8	65.7	79.4	146
77	15	29.55	95	81	4.2	53.2	43	118.3
20	7	32.84	99.5	71	4.8	104.7	62.9	100.2
37	16	24.05	110.5	79	4.7	77.4	48.3	163.2
63	9	29.12	109.7	95	4.8	123.8	33.5	50
32	3	16.64	86.8	60	4	66.3	38.5	116.3
42	2	26.24	88.5	75	4.6	107.6	48.4	148.4
88	6	18.09	115.5	77	4.9	77.1	56.8	205.3
34	14	20.14	78.6	60	4.4	58.6	28.1	73.8
26	10	21.66	104.2	67	4.2	75.6	39.4	128.1
55	1	30.96	109.7	75	4.6	80.6	50.5	181.2
65	9	26.12	101.6	98	4.1	99.4	31.1	140.3
77	3	27.19	140	95	5	81.9	55.9	214.8
80	7	25.95	108.2	103	4.6	72.2	75.9	177.3
19	16	33.48	104.7	85	5	76	48.5	109.5
89	16	27.02	115	94	4.9	-12	61	151.3
28	0	28.49	109.8	80	4.5	88.6	30.9	109.6
81	5	23.58	132.1	80	5.4	101	40.5	146
89	15	33.9	127.2	93	4.6	87.3	64.9	158.8
38	8	34.35	120.9	81	4.8	105.9	29.5	183.6
35	16	26.78	105.6	74	4.7	129	39.4	160.4
81	7	23.49	114.4	78	4.9	131.8	67.1	90.9
55	7	17.3	110	83	4.8	129.3	40.9	51.8
49	2	21.79	115.9	68	4.5	81.5	20	176.1
28	7	15	56.2	62	4	72.1	41.5	50
62	0	21.54	117.2	84	5.3	83.2	76.2	158.2
50	1	29.14	115.9	99	5.3	118.1	71.6	102.7

58	1	26.7	111.1	92	4.5	109.3	48.8	148.1
25	2	40.94	115.9	95	5	77.1	46.5	141.7
28	6	24.77	66.3	90	4	132.3	85.4	164.4
68	2	24.31	111.9	72	4.6	66.7	36	149.5
58	4	33.38	125.4	86	5.3	84.3	40.4	182.9
34	15	15.44	102.8	63	4.6	106.3	65.9	161.9
63	10	18.11	82.6	74	4.5	125	37	204.8
49	6	30.98	87.4	97	4.4	134.8	55.5	124.4
71	3	25.83	94.5	89	4.5	109.1	31.5	95
37	13	25.97	119.3	81	4.4	62.9	72.4	162.2
50	2	21.38	86	85	4.5	131.8	43.5	144.4
57	12	28.44	130.8	89	5.6	68.7	40.3	167.8
49	9	22.15	93.9	82	4.4	85.6	37.4	146
19	1	27.44	74.8	67	4	70.4	32.8	200.5
50	3	20.05	120.1	66	5.4	97.3	44.8	172.7
47	3	25.91	120.1	89	4.7	69.4	14.6	88.5
50	13	39.15	125.6	102	4.9	114.2	33.6	128.9
43	6	24.45	110.4	79	4.3	112.5	50.3	157.3
39	0	26.21	98.8	72	4.1	122.6	51.3	129
83	5	25.78	124.6	87	4.7	108.6	48.9	118.5
55	2	28.05	135	89	5.2	106.7	38.6	213.2
63	3	29.81	93.3	88	4.4	70.6	72.7	187.1
32	14	28.54	92.7	71	4.5	79.7	63	112.4
61	16	28.68	113.3	80	4.8	97	48.4	194.2
66	9	25.91	114.8	80	4.8	99.5	48.3	189.3
78	11	27.6	100.5	89	4.8	90	42.9	179.1
84	16	25.72	132.2	89	5.6	116.7	40.4	73.3
23	7	16.13	51.5	74	4	169.5	47.6	157.5
26	12	42.78	104.8	109	4.2	112.1	64.2	100.5
23	14	31.37	95.5	84	4.3	79.9	43.3	139.8
49	9	21.12	120.2	93	4.4	123.4	69.2	206.2
58	16	28.38	148.9	86	5.9	81.3	40.2	130
25	15	18.92	82.7	68	4	110.6	72.4	142
89	4	24.03	114	94	4.8	114.2	45.5	79.2
67	7	18.11	97.1	79	4.1	106.9	60.2	156.7
79	11	26.69	122.9	84	5	82.2	84.1	219.9
79	12	17.51	121.5	74	4.5	102.2	86.3	253.7
24	11	29.33	77.4	71	4.3	84.9	29.9	195.7
21	2	31.09	115.6	85	5.3	84.8	65.5	128.8
23	2	22.04	59.2	67	4	50.5	35.8	173.4
75	9	27.97	111.2	73	4.5	96.3	55.6	126.6
39	6	21.72	87.9	77	4.2	165	57.3	158
43	16	30.07	112.8	88	4.9	24.9	62.9	175.9
20	13	22.87	80.7	85	4	33.3	30.8	81.1
58	8	31.73	120.1	102	5.2	101.7	32.3	188.3
77	2	16.13	96.4	86	4.1	122.5	37.6	171.3
31	16	20.97	59.6	60	4	59.7	58.7	112.6
29	15	20.35	88.8	78	4.3	106.5	53.7	50.3
29	7	28.22	108.1	77	4.3	95.2	56.2	160.3
30	15	30.33	120.8	75	5.1	81.9	32.4	185.1

42	10	28.68	131.1	60	4.8	111.4	52.5	133.5
62	9	23.95	110.1	95	5	69.8	40.1	133.8
36	16	15	94.2	60	4.4	130.5	40.8	178.1
72	2	27.23	115.7	89	4.9	42.6	48.1	118.1
62	4	31.73	97.7	97	4.1	97.5	27.3	184.3
25	11	43.08	138.1	118	4.9	103.2	58	136.2
70	15	24.45	120	83	5	95	28.5	161.4
72	12	23.01	107	83	4.4	84.6	43.8	166.8
49	6	28.92	106.4	95	4.5	118.9	61.1	228.1
68	1	25.46	117.1	83	4.8	87.8	27.3	163.7
61	2	34.65	119.7	89	4.6	54.5	29	104.7
87	2	22.15	119.4	65	5.2	79.5	65.5	123.4
35	2	25.51	79.7	90	4.5	102.9	33.9	123.3
39	3	32.26	96.9	90	4.4	83.6	64.5	175.9
54	11	28.85	89.9	92	4.7	90.3	56.6	147.1
73	14	33.97	163.1	95	6.1	123.2	29.9	149.5
76	0	24.38	112.9	94	4.4	82.1	52.6	209.4
20	4	34.58	122.3	80	4.6	97.1	56.8	193.9
45	11	17.02	65.1	68	4	94.1	29.1	135.7
52	1	17.26	82.8	70	4.2	132.2	50.9	236.2
78	12	34.67	141.6	114	5.2	101.5	62.5	262.8
71	13	27.04	136.6	96	5	124	48.8	107.8
80	14	32.52	121	94	4.9	78.4	52.2	123.4
24	11	27.6	86.2	82	4.4	152.6	47.9	96
66	13	26.96	100	84	4.1	124.9	65.4	220.5
48	12	19.03	85.3	62	4.4	149.7	48.5	107.2
75	3	26.84	100.9	96	4.9	106	39.5	125
78	5	35.17	112.8	106	5	81.8	46.6	269.7
41	4	27.34	104.1	69	4.3	93.2	26.5	197.6
37	12	31.09	115.7	80	4.4	106.3	4.8	136.8
54	10	30.93	96.8	98	4.4	105.9	37.6	148.5
21	16	20.92	67.2	69	4.3	87.7	72.9	61.5
37	5	32.14	106.3	91	4.9	99.6	65.3	146.8
77	10	25.12	139.3	107	5.3	107.6	25.4	161.5
41	3	25.44	53.9	88	4	75.6	34.3	96.3
67	1	39.59	144.4	106	5.6	89	40.6	161.2
66	9	30.58	129.3	89	5.4	140.1	47.1	252.6
68	16	23.17	94.7	76	4.8	136	34.5	223.5
53	6	27.39	101	80	4.6	76.2	40.8	228.9
83	16	27.22	125.9	77	5	156.8	65.4	135.3
51	13	37.12	124.3	86	5.1	76.1	35	130.5
53	14	27.24	131.5	91	5.6	112.2	58.4	179.2
23	3	40.25	118.5	110	5	139.9	61.4	123.2
56	13	19.22	104.4	74	4.3	76.1	86	185.5
59	9	26.81	114.9	78	4.9	66.2	39.7	198.6
75	12	22.42	117.8	60	5.2	114.7	33.2	259.6
29	11	24.03	75.9	89	4.1	97.9	24.2	84.3
20	8	24.16	86.3	60	4.2	89.6	59.9	202.7
35	16	22.73	87	60	4.5	59.3	56.4	126
57	14	37.38	117.5	98	5	139.5	48.4	225.9

38	0	35.54	129	92	4.6	107.5	54.8	168.4
32	13	29.42	69.6	81	4.1	120.6	51.2	157.4
43	5	24.15	115	68	4.7	135	43.9	198
25	5	22.9	50	74	4	47.9	45	199.2
59	9	31.45	115.1	87	5.3	105.4	48.5	131.7
61	10	28.8	127.2	84	5	54.5	86.8	155.4
31	12	26.13	74.9	73	4.5	122.5	63.7	120.4
19	16	30.25	101.4	72	4.3	140.4	32.5	157.7
54	9	32.35	121.4	80	5.1	97.3	56	197.2
86	2	26.08	125.1	81	4.6	97.9	49.9	227.5
55	6	22.28	91.8	66	4	117.2	77.1	58.7
58	14	19.07	85.2	78	4.6	114.3	68.9	207.7
79	2	28.5	97.9	98	4.9	93.4	48.5	188.2
77	7	40	141.9	108	5.4	121.2	49.6	91.5
31	9	20.34	94.9	65	4.2	92.9	33	71
19	15	33.6	94.9	95	4.3	109.2	59.8	151.1
87	14	22.95	108.3	93	5	62.4	67.2	146.4
34	13	24.16	114.2	90	4.5	134.5	51.8	153
45	9	32.49	110	84	4.5	73.8	54	226.8
83	5	25.47	122.7	79	5.2	109.5	45.1	74.6
52	16	28.49	116	96	5.3	66.2	63.2	94.2
22	6	28.37	90.3	76	4	86.7	29.9	81.7
82	16	22.96	122.1	79	5.2	84.5	33.2	208.5
57	2	32.37	133.1	98	5.3	115.7	63.9	185.3
73	2	26.63	128.3	82	4.8	144.3	28.8	158.2
53	10	18.67	104.1	78	4.8	77.1	40.5	124.5
62	10	21.65	68.1	83	4.1	72.6	45.8	140
40	8	15	57.4	60	4	131.2	57.1	131
64	12	27.31	103.9	71	4.6	78.6	52.3	181.3
48	1	34.82	106.7	85	4.9	169.6	3.8	246
28	9	20.72	69.6	82	4	68.2	58.7	95.3
27	16	30.51	112.9	99	4.7	121.8	46.7	128.7
84	15	29.58	127.8	123	4.7	53.9	66	138.6
31	3	22.49	83.4	75	4	69.5	35.5	50
27	4	36.22	107.6	79	4.4	70.6	73.6	193.9
18	7	25.36	78.7	84	4.1	82.1	32.4	154.1
22	8	39.06	110.5	90	4.4	124.8	43.1	169.8
37	6	17.19	98.7	60	4.4	98.8	68.9	120.6
25	8	25.39	61.8	76	4	134.3	83.8	169.9
60	8	26.1	126.3	104	5.3	124.2	32.4	142.9
18	13	26.76	121.9	72	5.1	70.3	87.4	153.6
74	1	31.3	143.6	97	5	96.8	14.3	205.1
81	7	47.39	145.4	108	5.9	136.7	61.3	168.4
45	4	29.73	99.7	87	4.7	74.4	76.4	75.3
54	10	27.15	121.8	91	5.1	117.2	34.5	145.6
64	8	20.42	94.1	76	4.4	78.2	68.4	209.9
54	2	15.66	75.7	67	4	71.4	42.3	140.1
66	3	34.02	124.5	101	5.5	91.1	38.8	187.9
61	16	23.72	86.1	71	4	66.7	29.7	227.1
73	3	42.62	144.8	91	5.6	137.3	48.8	193.9



45	15	32.21	93.8	88	4.4	15.2	52.1	175.5
23	9	29.05	105.4	76	5	115.6	32.1	160.9
78	10	29.36	110.1	101	4.6	115.5	71.4	138.9
37	6	29.42	103.1	107	4.6	86.3	40.9	144.9
19	0	22.83	73.5	80	4.2	40	49.4	219.6
54	1	16.49	90.7	60	4	113.6	53.5	183.8
37	0	23.7	103.2	99	4.1	86.6	94.9	142.4
43	1	26.89	104.6	87	4.3	81.3	69.2	136
46	16	23.11	83.7	73	4	135.7	62.2	154.2
18	8	19.28	64.1	77	4	144	43.4	166.4
52	3	22.51	131.4	60	5.3	84.7	55.6	132.2
87	15	33.21	149.1	98	5.8	76.8	57.2	92
76	15	31.49	123	100	5.4	17.4	49.5	176.7
86	10	28.03	115.4	96	4.7	52	64.4	129.8
50	11	30.52	89.5	103	4.1	76.5	97	119.5
68	1	20.21	116.3	90	5.2	132.3	33.3	128.2
29	15	22.23	73.3	76	4.3	113.6	56.2	117.3
37	16	28.87	117	79	5	131.7	55.9	186.9
70	8	20.97	114.4	90	4.6	120.8	46.4	197.4
60	6	27.65	130.6	81	5.5	100	40	186.3
67	1	19.42	108.7	84	4.4	102.9	39.2	161.5
46	11	17.1	79.1	60	4	116.1	83.6	86.7
74	13	31.42	125.1	100	5.3	93.3	52.4	175.8
56	14	33.16	119.7	79	5	109.5	65.2	248.9
73	0	23.22	103.9	95	4.3	110.9	45.8	140.7
60	16	17.88	66.4	68	4	107.3	56.5	69.9
67	7	15	56.2	60	4	83	57.7	186.4
40	13	38.05	132.5	87	5.5	140.2	46.4	61.3
61	11	27.67	108.1	84	4.4	139.7	54	102.5
55	16	23.35	113.6	70	4.3	62.1	69.3	137.4
40	16	24.82	88.9	84	4.3	39.4	33.3	205.5
62	13	15.52	87	67	4.6	86.8	53.4	158.1
69	5	30.72	134.9	104	4.9	76	58.6	120.1
67	16	39	159.8	103	5.6	50.6	62	121.1
25	12	22.3	77.4	76	4	88.7	64.4	95.8
18	6	41.3	101.6	95	4	142.8	60.9	123.6
25	1	26.3	108.3	72	5.1	113.7	67.9	139.3
46	0	37	117.7	86	4.5	124.6	43.9	153.2
22	3	28.84	86.4	78	4.5	139.7	71.9	181.1
64	6	28.84	108.7	97	4.5	123.1	51.9	159.6
51	16	38.06	115.8	93	4.6	95	63.1	90.6
82	11	31.7	141	100	5.8	135	30.4	50
72	15	29.25	99.4	87	4.6	76	59.9	118.4
60	1	15.35	87.2	88	4.4	54.4	52.3	252
47	6	17.96	88.2	72	4.5	142	45.5	133.4
34	13	29.75	92.5	83	4.2	146.1	69.4	158.9
43	12	35.81	141.9	89	5.4	87.7	53.4	79.7
25	0	27.77	106.5	85	4.4	84	53	122
64	9	23.45	97.1	82	4.8	116.8	28.6	181.6
89	10	15.96	99.8	77	4.6	67.1	39.7	176.5

63	4	22.3	114.5	79	4.5	92.8	52.8	150.9
85	8	27.79	124.3	84	5.4	107	39.9	170.1
50	0	21.86	114.7	90	4.9	79.3	71.8	215
18	9	21.21	84.9	74	4.2	133	45.6	158.5
36	5	26.69	100.2	78	4	107.7	35.5	232.7
48	9	35.69	124	94	5.4	95.9	33.3	169
31	14	31.11	150	75	6	129.5	48	117.9
70	9	28.72	102.2	77	4.6	104.5	62.8	110.8
65	11	28.13	97.3	80	4.4	78.5	35.9	132.9
86	6	30.31	125	110	4.9	137.9	34.3	144.2
79	7	26.34	138.3	87	5	99.2	41.4	198.8
83	8	24.53	78.6	100	4.1	0.3	49	213.7
81	12	31.43	99.8	99	4.1	108.4	34.1	138.7
87	3	25.65	113.8	83	5.2	42.4	51.8	174.3
80	13	19.87	136.5	74	4.9	162.7	73.3	161.3
50	6	35.66	121.7	98	5.2	110.9	49.8	141.5
58	13	15.78	68.1	60	4	110.9	43.9	170.1
65	4	36.11	142.1	93	5.1	122.6	66.8	179.4
30	8	30.04	125	77	5.1	46.5	32.7	254.4
48	16	21.19	81.8	82	4.4	111.9	58	235.3
85	1	27.15	128.6	97	5.3	69.6	50.4	215.2
21	2	24.43	86.7	72	4	87.8	75.4	138.6
36	12	31.85	115.3	91	4.6	113.1	68.8	95.7
87	8	31.73	125.1	112	5.4	83.4	20.7	173
30	6	29.77	109	82	4.9	42.4	53.1	61
40	5	31.48	120.5	76	5.1	114.4	28.1	145.3
18	16	26.31	97.3	74	4.2	121.4	67.1	174.6
71	15	37.57	111.3	97	5	66.8	35.7	98.1
88	12	34.34	116.2	85	4.7	76.4	61.8	164.9
32	2	24.14	78.9	75	4	94.1	67.3	192.3
82	10	31.87	133.8	105	5	157.6	22.7	146.2
88	1	31.34	140.1	104	4.9	151.9	72.1	154
32	9	25.44	76.1	80	4	132.7	66.8	187.1
38	2	24.97	98.8	88	4	162.3	34.2	236.2
36	13	34.29	125.8	80	5	132.3	67.4	161.7
77	1	26.91	127.3	87	5.3	108.2	32	184.1
50	4	28.56	100.2	72	5	66.8	63.6	135.5
66	15	35.41	123.3	105	4.5	48.1	48.6	184.9
52	11	42.2	115.9	119	4.6	85.3	28.7	186.2
61	11	23.84	129.3	76	5.1	105.7	72.1	175
28	6	25.67	97.5	82	4.1	169.1	72.1	236.5
89	9	27.44	100.2	88	4.1	93.2	52.9	137.1
83	9	27.58	140.1	100	5.3	104.6	50.3	152.1
63	13	29.26	124.9	68	5.1	110.4	44	221.8
26	0	24.06	104	87	4.9	106.2	58.3	135.5
20	4	19.4	65.4	60	4.3	153.3	56.1	191.1
43	11	37.52	115.3	98	5.1	139.8	72.9	242.7
89	16	30.67	118.7	114	4.6	100.2	53.2	190.7
65	15	24.49	138.2	72	5.5	81.3	71	172.8
83	16	29.62	118.2	114	4.9	83.1	22.1	142.6

87	0	38	130.2	132	5.1	101	62.2	208.7
45	9	22.27	82.3	81	4.6	78.7	52.7	100.3
43	5	28.27	98.2	83	4.7	127.2	55.4	78.5
42	4	18.66	106.7	66	4.8	79.7	77.3	105.8
29	8	26.29	96.2	81	4	146.7	66.6	152.3
22	8	30.7	115.9	88	5.2	120.7	44.7	92.4
65	0	20.31	102.4	60	4.8	60.8	37.2	262
54	15	25.88	101.1	80	4.3	144.2	21.3	109.7
61	2	31.8	103.5	88	4.4	60.3	56.8	196.1
32	8	30.54	126	76	4.6	148.2	68.4	115.4
60	8	20.05	110	68	4.3	122.3	69	149.8
65	16	29.24	132.2	78	5.3	167.3	43.9	154.7
87	3	30.35	143.1	115	5	23.9	68.8	96.7
63	14	27.65	101.1	82	4.9	104.3	69.1	151.1
60	0	33.54	126.1	94	5.4	99.2	64.5	222.3
38	14	23.46	107.2	71	4.5	81.4	50.8	142.8
40	7	29.47	118.1	78	4.7	129.7	49.3	162.8
64	12	20.01	99.4	81	4.3	90.4	58	167.1
32	9	17.4	105.4	60	4.2	143.2	60.2	169.8
42	16	31.69	117.4	94	4.4	72.1	42.9	62.5
53	10	27.12	125.6	100	5	42.5	44.6	189.5
68	10	24.22	110.4	73	5.2	77.6	54	178.3
32	3	20.61	76.6	71	4.4	117.2	40.7	153.6
85	0	31.96	146	104	5.7	130.1	42.4	218.7
38	1	17.95	90.9	60	4.4	71.3	23.6	205.4
30	13	32.96	111.1	92	5.1	115.6	34.9	170.9
36	1	29.71	89.7	80	4.3	110.5	61.2	127.1
51	1	18.25	102.2	86	4.2	106.2	65.1	139.5
85	14	27.76	111.1	105	4.9	152.4	49.4	145.6
69	13	42.92	157	113	6.1	91.4	61.9	180.8
44	1	34.14	98.8	90	4	71.9	16.5	149.8
46	4	22.03	79.4	92	4	102.3	56.4	163.3
45	8	31.3	114.5	82	4.6	95.1	28.1	91.2
52	5	18.5	96.7	73	4	127.1	37.4	192.5
25	5	18.77	78.3	63	4	100.2	59.7	211.4
33	13	26.6	86.8	89	4.1	107.6	62.3	132
53	4	30.31	128.8	102	5.5	91.4	21.4	128.1
47	7	31.87	114.3	95	5.1	31.4	25	118.2
35	5	31.95	109.3	81	5.1	105.5	39.9	245.4
19	9	29.97	92.1	77	4	135.4	23.1	191
66	10	17.32	81.8	61	4	117.5	43.8	148.5
21	4	26.63	105.7	76	4.2	54.6	63	120
24	1	32.81	93	76	4.8	89.8	26.7	99.1
56	16	29.66	137.8	111	4.9	92.5	80.2	190.2
30	13	28.09	83.8	73	4.2	116.6	46.1	136.9
48	0	28.98	111.8	96	4.5	104.3	55.6	172.9
88	1	28.88	127.8	113	4.6	9.7	34.6	219.8
80	1	15.21	93.7	83	4	69.1	65.6	99.4
73	11	33.93	139.6	95	5.5	89.1	53.5	118.5
59	9	26.34	119	79	4.6	80.5	53.8	176.3

78	8	31.25	134.5	127	4.9	93.9	55.8	139.6
59	7	15	68.5	87	4	85.7	30.6	142.1
73	1	36.97	117.9	108	5	92.8	56.2	191.7
53	2	20.06	73.1	70	4	123.7	60.6	187.4
85	8	42.25	148.3	108	5.9	134.9	27	133
24	15	39.72	148.2	88	5.4	95.2	46	123
71	14	19.05	97.9	84	4.2	117.6	45.4	146.9
18	5	31.9	129.3	104	5.1	112.6	50.6	206.5
61	15	20.9	96.8	76	4.4	141.1	60.8	68.8
62	13	23.16	104.7	93	4.9	120.1	62.3	144.6
64	7	23.3	112.5	91	5.2	162	48.5	181.7
30	3	29.69	95	78	4.7	120.9	64.3	119.5
39	1	28.95	105.8	93	4.5	51.5	29.3	81.4
38	0	19.79	58	79	4	140.3	53.9	96.6
26	0	29.64	83.9	89	4.6	127.6	19.8	167.6
43	10	25.78	72.8	75	4	127	42.5	145.8
26	10	16.08	81	67	4.4	60.7	57.2	55.4
32	14	24.4	69.3	86	4.4	132.8	60.7	125.4
27	2	36.96	133.6	101	5.2	129.6	54.4	213.9
59	5	24.6	109	93	4.7	58	73.6	147
89	3	15.99	115.9	76	5	121.3	51.6	178.9
41	13	31.89	99.6	98	4.2	108.8	24.4	145.4
66	7	21.43	84	92	4.2	100.3	15.9	190.7
43	7	28.29	97.9	78	4.3	97.5	35.1	179.5
54	11	25.97	119.9	69	4.6	42.9	35	151
85	11	37.57	174.4	126	6.1	97.9	50.6	105.8
67	16	25.97	118.1	82	4.9	123.3	41.7	172
41	12	20.13	66	63	4.1	75.3	35.7	80.9
36	7	24.19	76.8	77	4.4	98.3	41.3	174.8
77	7	19.63	80.4	77	4	84.7	44.9	193.9
56	7	25.74	102.5	64	4.8	87.1	37.5	125.3
35	1	37.62	113.6	103	4.6	44.9	50.6	92.2
36	12	34.49	109.9	99	4.8	119.8	64.2	199.4
53	3	39.25	113.9	92	5.1	100.6	40.3	150.5
72	5	29.88	103.2	94	4.3	75.5	51.2	141.4
86	5	27.86	125.1	85	5.1	135.9	81	159.2
64	5	21.01	106.3	70	4.6	125.7	53.7	126.8
66	3	28.62	97.5	84	4.7	98	66.4	72.3
50	1	26.22	109.5	87	4.9	137.5	42.9	121.9
38	4	31.67	121.5	107	5.2	147.5	67.5	151.1
39	10	20.27	50.1	65	4	71.8	37.9	151.3
65	2	27.32	135.8	96	5.4	66.5	59	62.1
54	2	17.56	97.7	78	4.6	33	66.2	136.8
32	0	29.03	113.4	60	4.7	78.7	73.1	232.5
52	14	31.05	97.8	76	4.3	88.4	51.9	152.3
88	13	17.27	115.3	100	4.6	51.1	46	193.6
49	5	18.96	101	66	4	74.8	29.3	178.9
28	10	19.22	67.7	69	4	122.2	48.9	117.8
27	9	25.93	102.1	78	4.1	107.9	62.1	119.3
74	5	18.62	97.2	60	4.8	77.2	60.5	170.1

42	5	35.27	107.3	86	5	137.2	49.7	122.8
19	5	29.62	90.8	85	4.7	59.6	55.6	207.5
81	14	30.59	129.2	88	5.4	115	75.1	134.7
52	2	17.47	81.4	66	4	93	60.2	191.5
24	1	34.76	94.6	75	4.4	102.9	46.5	169.1
35	14	30.9	110.2	76	5.1	109	50	173.9
84	5	22.91	121.2	82	5.2	135.9	60.1	119.4
59	11	17.75	92.2	60	4	121.3	58.9	204.1
56	9	26.54	81.8	96	4.1	132.8	83.9	266.8
58	5	24.2	93.6	67	4	69.5	74.8	103.3
41	13	24.45	81.7	75	4	91.3	34.6	197.1
77	15	22.77	135	77	5.1	71.6	40.2	150.2
63	12	31.33	120.9	104	5.3	60.8	69.2	109.8
36	6	15	68.8	60	4	127.1	38.3	97
85	1	35.58	130.3	99	5	41.3	52.5	107
59	12	32.99	118.6	81	4.9	82.5	74.4	113.5
49	0	28.26	117.3	61	5.2	83.5	54.7	91.9
56	1	26.14	77.8	89	4	93.6	64.7	205.1
53	9	33.5	122	94	5.1	65.7	53.3	149.6
53	13	26.75	97.4	86	4.2	77.9	48.9	170.6
20	3	25.33	92.1	80	4.3	156	22.4	92.4
25	8	33.83	117.1	87	4.4	92.2	53.9	210.1
87	6	39.56	137.2	108	5.6	73.5	42	123.4
58	10	21.17	75.8	79	4	107.1	70.1	214.9
85	9	29.55	122	92	4.7	102.3	12.1	172.4
30	14	20.48	100.3	78	4.3	157.7	42.4	102.2
66	4	30.01	130.6	89	5.2	91.8	70.8	168.3
77	7	22.33	102.5	83	4.8	114.6	79.3	148.5
19	9	34.27	93.5	91	4	64	67.3	101.5
77	16	26.4	107.9	114	4.2	78.4	60	96.6
22	14	27.28	71.1	65	4.2	81.4	24.1	191.1
61	0	36.79	140.9	89	5.5	55.5	34.1	210.4
44	9	22.6	106.7	72	5	101.4	63.9	97.8
49	1	31.11	105.9	81	4.8	107.6	30.7	155.5
38	4	23.2	82.9	81	4.4	103.8	46.5	76.2
25	11	34.18	95.4	88	4.3	51.7	45.3	191.9
89	15	37.72	138.2	100	5.4	71	56.3	153.9
67	3	25.42	98.3	93	4.8	88.2	60.1	83.5
84	10	15	94.7	94	4.1	65	11.9	127.5
61	11	22.87	113	72	4.7	38.8	54.3	122.8
75	8	41.6	156	116	5.9	128.7	39.8	107.1
20	13	23.45	69.3	60	4	145.3	58.3	197.6
87	3	37.63	146	106	5.6	134.3	23.3	107.9
19	1	23.36	90.9	71	4.1	108.8	65.2	234
61	2	23.21	87.8	79	4	82.2	39.3	193.1
19	9	31.68	100	82	4	165	44.2	133.5
52	3	30.96	131.1	82	5.6	132.2	74.5	264.3
47	15	32.11	109	102	5.1	75.3	48	131.7
25	13	27.03	61.3	71	4	145.3	64.8	80.7
39	0	33.21	73.2	77	4	105	49.6	199.8

61	1	32.77	125.7	95	4.5	139.6	75	107
75	0	33.89	131.9	110	4.9	147.8	55.1	212.5
53	7	23.26	100.8	84	4.4	80.1	57.8	80.7
86	4	33.2	141.7	98	5.1	96	52.7	107.6
48	13	23.87	74.5	95	4.3	107.4	45.6	123.1
64	1	26.06	97	85	4.7	102.8	63.1	178.6
72	14	25.93	119.2	71	4.5	69.2	38.8	125.9
79	10	21.01	117.6	89	5	103.4	60.9	122.9
47	14	16.59	77.8	65	4.1	91.2	64.4	183.1
72	4	34.34	108.2	100	4.3	91.7	58.1	208.7
33	16	22.79	92.2	80	4.6	52.8	35.9	135.3
29	6	25.38	91	72	4	93	56.7	100.2
34	3	22.62	71.4	69	4	164.3	65.7	222.7
33	0	25.46	62.7	63	4	113.7	31	142.7
29	15	23.96	96	67	4.9	90.5	27.1	170.9
25	0	34.67	97.6	89	4.7	116.1	62.7	126.4
20	15	23.46	84.7	63	4.1	142.3	40.3	130.8
33	8	37.29	118.3	77	5.2	78.4	61.2	126.4
47	2	33.84	99	99	4.2	150.6	75.7	191.7
40	1	24.15	99.6	83	4.9	67.9	27.9	209.5
22	8	28.92	80.9	84	4.3	88.3	26.6	124.3
82	1	30.12	103.8	88	4.6	85.7	62	130.4
47	9	32.05	88.2	89	4.6	136.5	69.7	211.5
38	12	32.64	109.2	90	4.8	66.8	75.7	244.9
87	13	28.12	148.7	102	5.9	131.9	62.1	178.5
39	0	21.27	87.7	77	4.6	94.5	48	167.4
89	13	30.85	157.9	86	5.4	104.1	51.4	246.4
49	2	25.58	122.4	98	4.7	135.6	55	162.4
50	14	15	87.7	60	4	114.5	75.3	162.5
33	16	29.34	123.8	65	4.7	138.3	54.4	126.7
55	16	22.6	119.6	60	4.7	131.3	39.7	185.1
31	2	24.25	106.7	80	4.2	178.6	53.3	119
53	0	27.04	77.3	98	4	134.6	26.6	129
40	13	17.68	76.8	60	4.3	103.7	41.7	136.5
83	13	27.83	111.8	76	5.1	101.8	45.4	179.1
19	6	25.1	102.3	80	4.1	152.1	44.2	135.6
82	7	21.74	104.9	72	4.1	109.6	26.2	194.8
84	16	27.28	147.8	100	5.1	115.8	32.2	102
69	8	16.86	94.7	64	4.8	136.6	49.7	133.4
79	14	27.45	119	88	4.8	90.9	62.6	156
40	10	29.82	99	87	5	74.6	43.7	159.6
43	10	28.83	101.4	87	4.9	118.6	51.1	187.1
85	2	31.73	135	102	5.6	86.9	63.2	105.3
72	10	33.99	128	115	4.7	147.1	90.1	152.9
23	5	26.51	82.5	91	4.1	28.2	45.3	102.1
52	14	33.57	112.1	111	5.2	86.6	37.4	182.3
39	15	26.49	124.8	77	4.6	110.8	61.9	127.4
60	14	22.8	130.6	81	5.2	82.9	62.8	191.4
32	8	24.64	83.2	88	4	146	30.4	151.1
77	7	28.6	133.4	87	5.1	110.2	33.2	156.2

29	1	33.51	94.1	82	4.8	83.7	29.5	282.9
66	0	27.01	107.1	88	4.7	111.3	39.3	200.5
59	15	22.96	84.1	79	4.4	61.3	63	184.5
55	1	35.67	139.1	95	5.5	119.5	55.4	150.8
62	6	18.39	100	64	4.5	143.7	52.5	132.7
52	13	23	107.1	86	4.9	99.5	35.3	126.6
47	0	32.36	126.5	86	5.5	103.8	34.1	219.8
47	6	37.6	110.7	100	5.2	70.1	51.1	120.3
23	0	29.88	91.4	79	4.6	81.1	49.3	178.9
84	12	28.5	130.7	102	5.1	135.5	57.3	122.5
24	11	25.25	82.3	77	4	100.4	70.8	107.6
69	5	30.29	121.1	91	4.5	170.8	32.9	130.6
31	11	27.78	84.1	74	4	121.1	47.8	186.6
32	12	22.47	105.9	70	4.5	69.6	51.7	204.2
38	1	25.15	108.4	66	4.3	172.9	52.9	162.5
52	15	21.8	113.2	68	4.5	60.7	51.1	145
83	16	27.08	130.5	98	4.7	92.1	49.5	179.7
19	6	27.97	74	78	4	108.8	52.8	142.9
52	6	36.81	117.4	89	4.5	113	57.8	132.6
37	7	23.42	79.8	73	4.3	85	39.4	106.9
27	13	25.92	86.5	60	4.1	103.9	57	206.1
42	2	34.56	131	93	5.3	143.6	57.7	125.3
83	0	37.83	120.1	106	5.3	144	53.5	103.8
42	16	29.85	96.9	106	4	158.3	73.6	141
71	6	25.48	105.5	93	5.1	77.5	53.2	195.8
50	12	24.16	78.6	69	4.2	112.4	55.5	188
53	7	15.94	86.5	60	4	117.2	35.3	142.4
31	0	21.43	78.2	75	4	48.8	65.6	129.3
82	1	27.61	137.9	102	5.6	94.3	78.7	262.6
71	1	25.91	108.2	106	4.8	120.2	52.3	113.6
69	4	30.74	127.9	106	4.8	99	19	152.6
20	14	25.83	88.4	77	4.7	82.9	66.1	119.5
58	7	22.64	62.1	93	4	114.7	70.5	195.3
23	13	29.05	73.1	79	4.2	139.8	53.2	196.5
42	5	42.03	135.8	103	5.6	109.2	42.2	100.4
30	15	25.1	95.3	62	4.7	38.5	69.1	162.6
25	0	27.83	92.1	92	4.1	139.2	68	50
38	13	32.08	128.1	88	5.1	64.7	53.8	158
85	5	23.57	122.3	87	5.3	67.6	67.1	50
42	1	34.64	138.8	84	5	110.6	39.1	168.5
85	6	17.53	65.7	92	4	111	69.4	136.7
62	1	24.55	131.1	93	4.8	83.3	54.1	81.4
77	9	25.13	104.7	79	4.3	124.9	45.4	178.4
29	3	27.91	95.7	83	4	102.2	51.7	153.9
49	0	15.17	97.6	73	4.8	56.3	62.1	105.6
30	13	35.12	78.5	77	4.4	72.3	54.6	187.6
48	5	29.49	104.2	93	4.2	93.3	77.5	147.2
37	12	33.74	126.1	94	5.2	103.4	68.2	171.3
35	1	36.68	106.6	99	4.8	85.9	32.4	134.9
77	11	22.56	122.3	104	4.7	46.7	63.9	143.1

80	12	15	105.1	104	4.3	80.9	65.1	228.8
23	10	33.88	106.8	98	4.4	121.8	59.2	122.2
49	0	25.28	109	83	4.9	103.9	35.7	165
60	8	20.2	114.8	82	4.6	129.7	66.8	165.4
19	9	30.46	104.5	83	4.4	125.4	53.9	92.8
77	1	41.78	161	137	5.2	49.9	34.8	165.9
40	6	26.35	84.5	80	4.6	81.9	55.4	70.6
48	4	32.71	123.1	87	5.2	122.5	67	252.1
22	2	21.07	85.5	71	4.2	116.8	37.4	221.2
51	16	16.88	101.1	89	5	116.6	37.4	52.2
27	1	32.48	86.1	75	4	131.7	60.9	206.6
19	9	30.28	111.2	72	4.9	140	55.5	154.7
28	4	24.21	74.2	65	4	49.5	62.3	76.4
67	10	37.24	168.1	91	5.7	89.2	51.1	60.6
48	6	16.41	68.5	60	4.2	121.2	87.6	148.1
73	7	19.62	83.2	88	4.5	125.2	44.7	233
26	11	23.74	81.1	73	4	154	60	268.3
38	13	24.86	109.4	63	4.3	146.4	43.2	164.5
45	2	35.79	124.4	102	4.8	136	29	100
79	14	27.3	144.3	96	5.6	87.4	48.2	242.3
24	6	25.84	84.2	83	4	127.3	45.9	103.6
33	11	19.38	72.9	60	4.1	161.2	76.8	133.2
21	6	33.52	91.5	72	4.7	146.8	56.6	184.1
21	4	20.18	68	71	4	113.1	38.5	216
57	3	19.35	71.2	82	4.3	145.3	51	93
34	1	24.6	81.5	64	4	108.6	36.5	149
69	6	27.98	97.3	93	4.6	109	46.4	182.7
69	1	22.68	115.6	76	5.1	95.3	65.7	50
53	15	31.24	136.2	100	5.2	60.4	57.2	57.3
55	1	25.3	106.4	89	4.3	130.7	25.3	68
67	3	33.32	115	110	5.2	99.1	38.2	163.2
80	16	30.03	136.2	88	4.7	106.4	37.6	179.9
80	6	37.75	139.9	101	5.4	117.4	39.7	210.3
79	6	24.35	128.4	84	4.9	84.8	54.5	166.5
24	0	32.06	86.9	77	4.2	128.6	65.7	268.2
44	14	16.28	66.4	69	4	97.7	45	181.7
31	8	44.35	140.1	93	5.3	98.9	40.6	217.1
88	13	31.76	132.2	117	4.8	6.8	62.5	197.8
22	5	25.22	100.3	89	4.7	106.8	54.7	163.7
72	12	25.45	99	98	4	74.2	42.2	230.5
19	0	25.52	92	76	4	91.5	44.2	183.5
79	16	38.04	148.8	107	5.5	79.1	45.6	120.7
38	15	32.39	85.7	89	4.3	81	66.7	159.9
38	10	24.34	92.6	68	4.1	95.4	56.6	133.9
27	14	19.57	50	67	4	116.9	77.5	111.3
75	8	34.18	152.9	105	5.6	147.1	58.2	115.8
56	7	32.03	97.3	84	4.3	106.9	36.7	181.4
22	3	31.24	95.6	97	4.6	88.4	25	81
82	14	26.5	118.9	91	5.3	92.6	40.7	163.7
30	5	25.2	76	64	4	130.7	25.5	124.3



70	6	37.11	162	102	6	115	38.3	99.8
62	4	37.67	121	97	4.7	64.4	50.3	145.5
49	4	30.84	107.1	80	4.9	81.1	30.5	157.2
53	10	32.82	106.8	108	4.8	102.5	61.8	252
77	9	28.42	109.9	93	4.8	95.2	42.4	98.5
28	1	18.78	74.9	74	4.4	83.9	62	165.4
80	0	21.12	117.8	87	4.6	94.8	35.8	173.2
38	7	33.88	114.2	94	4.7	108.9	60.9	145.2
69	9	34.64	117.4	100	4.4	112.1	42.4	222
72	3	33.32	127.5	95	5.3	101.8	46.5	162.7
43	1	29.08	84.2	97	4.5	128.2	40.5	193.9
85	15	33.55	152.3	110	5.5	114	47.7	118.5
51	16	26.65	96.2	81	4.3	69.9	58.6	87.9
69	4	30.73	114.2	104	4.9	90.4	29.3	140.5
69	12	25.77	81.8	102	4	96.3	83.3	139.8
46	16	20.66	81.7	76	4	95.8	83.5	132.3
55	13	32.19	142.1	108	5.2	76.8	42.5	164.1
59	0	34.65	133	92	5.2	84	64.9	126.9
38	6	41.84	144.3	93	5.4	127.6	32.1	128.2
59	6	28.58	113.4	85	4.5	70.9	25.4	222.5
30	9	20.71	50	68	4	91.7	79	101.7
81	0	25.03	116.6	105	5.3	138	61.9	216.8
34	11	26.18	97.4	73	4	98.3	52.4	192.7
26	9	27.89	107.2	81	4.8	172.2	61.3	207
58	0	29.83	113.1	101	4.9	149	40	207
18	15	29.18	80.8	81	4.5	35.3	51.6	144.3
19	13	31.66	96.3	76	4.6	67.8	53.7	116
77	13	28.18	114.7	80	4.9	102.3	28.4	134.5
65	13	15	95.4	82	4.7	91	67.4	149.7
46	8	28.36	103.3	73	4.3	121.5	43.3	91.4
27	11	27.52	78.7	73	4.2	119.8	32.4	170.4
75	5	30.3	131.6	96	5.2	55.1	75.4	129.3
77	4	24.83	102.1	100	4.5	135.3	68.6	159.1
38	16	28.34	95.9	91	4	158.1	46.9	140.4
45	5	30.34	101.2	88	4.3	59.3	31.3	196.3
51	10	26.04	106.1	94	4.4	88.8	58	176.8
25	11	31.06	79.1	96	4.3	90.4	51.2	119.3
76	11	27.42	118.3	87	5.3	137.6	83	154.3
89	3	27.94	141.6	92	5.1	145.5	70.2	50
66	8	15	89.4	77	4	87.1	43.3	127.7
34	11	20.14	72.3	85	4.4	86.3	72	163.6
77	14	20.15	98.3	74	4.7	130.5	70.4	102
62	1	28.3	117	70	5.2	93.8	23.9	188.1
86	8	34.63	145.7	112	5.1	106.8	58.9	85.1
49	10	26.29	124.6	95	5.3	128.8	68.3	165.3
61	1	32.09	95.3	95	4.7	122	44	142.3
82	10	30.89	131.7	125	4.8	108.7	31.6	204.6
25	4	27.84	96	68	4.1	60.7	95.3	122.2
89	10	30.44	129.4	92	4.9	118.1	74	141.1
60	10	28.48	117.3	81	4.6	129.8	54.4	216.5

18	4	26.15	82.9	73	4.6	122.6	18.5	217.1
68	8	29.35	102.7	93	4.4	58.8	44.4	54.8
41	5	35.68	120.1	86	5.2	124.6	80.1	76.2
41	6	29.84	114.9	96	5.1	78.8	70.8	220.1
34	16	28.31	97.9	83	4.3	27.9	46.6	208.3
22	15	21.74	95.4	60	4.6	95.4	43.2	190.6
37	11	35.5	110.9	98	4.3	65.6	72.7	144.7
38	0	18.56	88	63	4.2	99.9	47.1	148.8
75	11	16.76	72.3	76	4.4	62.6	48.9	76.7
48	8	29.23	141.1	95	5	93.7	57.3	128.3
28	12	21.72	79	78	4	51.3	59.7	194.7
69	9	33.53	119.2	108	5.2	79.7	34.3	144.3
32	15	16.9	70.8	63	4.1	110.1	60.1	196.2
24	1	32.77	88.3	74	4.4	153.1	35.9	202.6
45	1	31.93	93.8	86	4.7	91.6	70.3	197.9
68	0	27.71	115	90	4.3	99.6	45.8	172.6
75	2	15	94.2	88	4.7	123.9	55.2	136.5
22	0	16.66	72.7	60	4.3	112.2	7.7	161.9
22	12	28.44	92.4	79	4	113.7	63.4	100.5
25	7	25.6	87.5	61	4.3	121	65.5	68.7
81	2	31.36	110.2	102	4.6	88.6	43.1	160
27	2	26.59	84.4	75	4	76.4	30.3	120.3
55	1	26.07	107.1	82	4.6	108.4	29.8	115.7
25	0	15	59.4	66	4	30.1	50.9	141.9
42	12	31.93	114.2	81	5.2	38.4	34.1	193.9
83	1	23.11	110.7	101	4.8	144.9	49.9	208.4
67	12	24.61	105.6	77	5	134.1	52.6	103.4
84	14	20.58	111.3	97	4.3	79.6	54.3	248.2
66	6	17.76	100.8	60	4.2	63.1	72.4	170.4
53	1	35.83	133.8	100	5.6	116.3	70.5	177.6
85	0	31.77	160.8	107	6.1	121.1	53.2	100.9
58	1	31.87	130.7	89	4.8	73.2	60.9	147.5
79	1	25.7	93.7	93	4.5	96.2	56.9	145
27	16	16.57	55.4	60	4	45.9	72.9	62.2
38	6	39.61	119.1	103	4.9	86.8	53.1	148.1
53	16	29.53	99.1	90	4.8	92.9	64.8	190
29	14	27.82	101	100	4.8	104.9	84.1	123.6
19	14	24.85	91.6	60	4.1	166.5	57.4	112.3
30	5	15	62.7	61	4	64.6	43.9	203.1
70	8	33.85	145.5	95	5.2	145.1	44.5	159.9
49	4	20.65	112.6	74	5	82.5	40	146.7
33	4	30.28	74.9	81	4	79.5	62.5	158.3
49	3	31.63	91.3	86	4.8	131.3	56.5	178.6
49	15	29	124	80	5.3	79.1	45.7	193.6
28	12	29.82	111.7	88	4.4	73.3	74.2	200.1
27	0	35.08	116.2	84	5.1	118.3	45.2	171.5
32	7	22.25	85.7	70	4.2	114.2	52.5	214.9
34	13	27.99	96.4	82	4.2	84.1	39.4	58.9
57	12	25.65	112.8	76	4.6	153.9	49.5	204.7
35	4	15.96	77.1	68	4.5	85	39.1	139.8

72	13	28.72	138.1	83	5.2	52.2	49.5	92.3
42	8	34.51	104.8	97	4.8	64.8	35.4	202.8
76	16	35.26	133.8	107	5.2	63.9	43.4	152.4
39	13	38.14	134.1	95	5.1	88.7	40.4	196.9
47	13	16.36	83.7	60	4.5	142.9	41.2	137.9
61	13	36.77	139.1	101	5.6	45.5	37.5	168.4
49	14	28.11	115.6	74	4.4	151	45.9	142.5
68	1	36.6	125.8	102	4.8	78.7	13.2	151.5
63	9	24.63	90.4	91	4.3	82.3	61	121.8
38	15	23.82	80.4	74	4	75.8	55.1	91.1
49	13	19.71	72.7	84	4.2	83.8	55.3	98.9
56	15	31.66	88.5	95	4	92	48.2	161.7
29	7	30.09	116.1	89	5.1	95.4	69.6	122.8
64	7	20.3	69.3	84	4	108	40	177.4
35	16	15	100.4	75	4.3	36.4	25.2	143.4
38	0	29.49	95.1	70	4.2	95.2	54.6	126.5
30	2	30.18	96.2	77	4.1	114.1	79.2	237.5
38	6	21.08	63.4	71	4	97.5	72.2	119.6
25	11	19.87	83	73	4.4	91.3	64.3	158.9
63	9	30.94	114.5	94	4.7	84.2	84.5	237
24	10	38.14	114.2	92	5	131.3	44.4	196.7
40	15	24.03	81.3	86	4.1	113.8	43.6	165.8
39	6	21.72	95.2	68	4	93.1	46.6	115.9
39	14	28.79	89.7	79	4.3	115.2	13	50
46	16	30.81	110.8	93	5	127.5	72.3	50
30	5	24.81	96.5	98	4.2	58.6	50.4	130.7
19	14	39.15	134.6	92	5.3	114.8	40.9	236.2
46	7	32.41	124.9	83	4.7	74.5	47.3	111.5
69	15	24.71	110.3	80	4.3	138.5	36	99.3
44	7	17.45	81.8	63	4	71.1	51	138.1
67	5	34.92	133	113	5	99	42.5	156.6
40	8	34.15	124.8	87	5.3	108	43.2	164
61	14	25.18	94.7	87	4.4	44.1	36.9	207.9
39	3	29.1	116.2	82	4.4	37.2	50.7	106.2
60	12	26.1	93.1	72	4.5	87.2	42.5	213.6
54	13	30.12	119.1	86	4.9	150.1	70.4	182.6
78	10	20.85	113.8	60	4.6	94.3	58.1	120.4
73	9	19.99	91.4	81	4.6	114.2	30.4	104.2
20	5	31.87	75.6	86	4	6.2	59.2	83.8
80	4	32.63	126.3	92	5.4	124.9	55.1	208.3
36	8	24.06	51.7	69	4	114.7	51.1	134.6
40	4	22.51	87.3	60	4.2	119.6	47.6	134.4
46	7	33.89	97.1	70	4.9	101.2	67.6	162.2
47	5	22.71	140.6	61	5.6	61.6	33.4	94.5
56	0	27.33	123.5	92	4.5	77.3	49	226
42	13	26.57	100.2	77	4.6	72.7	24.9	166.5
25	4	18.2	93.9	64	4.2	116.3	58	165.1
75	9	28.15	129.4	113	5.1	93	49	145.3
33	1	27.57	79.2	89	4.3	124.8	35.3	81.4
89	6	29.16	118.4	103	4.9	118.6	52.8	203

18	5	27.95	105.3	70	4.2	152.6	70.5	263.5
22	10	39.81	101.2	109	4.6	103.2	51.7	107.5
20	3	33.97	108.9	97	4.2	93.2	26.4	103.6
82	13	27.23	130.6	102	5	102.8	49.7	107.4
21	11	27.78	87.2	75	4.2	19.9	54.4	113.5
81	3	37.58	142.9	99	5.5	88.8	39.6	223
27	16	32.18	115.3	99	4.8	118.2	83.3	99.2
38	16	19.63	95	77	4.1	91	28.3	267.9
63	16	32.69	128.6	93	5.5	92.4	11.9	243.6
44	7	34.46	115.7	90	5	90.8	35.9	190.4
83	4	36.71	148.7	95	5.3	147.3	20.8	179.9
58	9	24.59	72.9	89	4.4	107.9	64.2	194.1
30	14	24.15	110.4	74	5.1	95	65.9	123.2
26	5	21.35	78.7	71	4	172.4	25.8	93
53	5	28.85	98.2	96	4.6	60.3	33.7	156.7
75	13	31.4	134.3	104	5.2	79.2	31.8	82.8
71	2	23.92	116.9	76	4.5	67.2	49.7	113.5
29	7	26.15	77.2	76	4	76.5	57.1	189.4
31	1	15	71.5	63	4	137	72.4	171.1
51	13	36.06	123.2	102	4.8	69.4	56.4	220.9
70	14	17.61	94.8	60	4.7	100.5	44.9	136
37	5	29.25	126.4	72	4.6	113.8	44.3	239
33	15	28.43	98.1	87	4.9	120.3	51.5	117.5
87	14	27.27	121.1	101	5.3	79.8	52.4	196
73	11	27.41	106.1	107	4.9	116.4	48.2	158.7
75	16	20.93	92	66	4.1	85.7	51.5	205.7
21	9	25.03	91.4	80	4.5	99.9	49.6	114
21	5	32.81	94.1	87	4.3	67.3	28.2	194.8
37	11	34.59	109.9	80	4.8	60.2	52.2	174.3
27	14	24.47	90.4	60	4.1	110.1	36.9	107.8
41	2	17.64	81.7	76	4.5	171.2	53.1	263.8
43	1	22.33	93.2	64	4	89.8	57.3	144.7
54	8	38.12	130.2	88	5.3	98.7	67.7	193.4
71	12	22.69	115.2	87	5.1	118.1	49.5	181.9
38	2	26.42	136.5	78	5.4	131.6	40.4	89.8
55	3	35.5	141.9	103	5	133.1	62.7	200.1
63	10	23.84	98.7	86	4.3	116	51	91.6
21	2	26.01	105.8	106	4.6	94.7	79.5	130.2
77	15	31.77	111.2	105	4.6	120.4	28.7	168.1
74	2	37.27	128	112	4.6	111.7	41.3	153.8
62	3	23.13	112.9	72	4.3	98.2	39.3	182.5
37	4	35.35	124.3	107	5.3	127.4	77.7	50
34	12	25.31	101.6	71	4.1	112.8	56.8	80
88	13	21.68	103.5	77	5	79	21.9	185.1
21	2	28.5	83.7	74	4.1	68	23.1	142.8
31	8	20.05	82.6	71	4.4	52.3	62.9	169.4
20	15	29.83	90.9	74	4	71.7	34.1	173
75	6	45.9	167.6	110	6.3	100.9	50.1	102.5
72	10	33.63	124.1	91	4.5	130.7	46.9	86.8
21	12	26.37	83.6	75	4	96.5	79.7	190.6

41	2	33.31	87.7	95	4	108.9	46.4	116.7
51	3	21.41	106.4	81	4.2	118	43.7	163.5
47	6	22.42	98.2	60	4.5	63.5	58.5	147
36	4	26.54	61.8	70	4	87	66.7	96.3
48	13	27.53	110.7	93	4.5	65.1	51.8	127.9
77	8	19.24	96	75	4.7	89.9	15.6	203.9
77	5	25.16	125.5	90	5.3	108	62.1	162.5
36	5	26.13	93.7	104	4.8	102.4	29.6	136.7
66	0	36.25	118.4	79	4.5	75.3	27	173.5
80	15	19.24	129.4	79	4.7	116.4	42.6	222.5
39	1	18.68	105.4	74	4.2	107.9	51.9	152.7
41	13	28.05	98.8	72	4.3	112.9	71.9	259.7
47	8	33.91	121.9	91	4.9	104.7	19.4	170.1
75	11	30.31	116.2	83	4.8	77.5	52.3	139.1
48	0	28.82	81	91	4	63.6	72.2	172.5
81	4	25.27	135.8	83	5.3	111.7	48.5	267.1
36	15	31.06	93.2	81	4.2	112.7	61.6	222.7
65	12	31.96	140.5	104	5.2	102.3	60.3	83.2
62	6	25.46	117.4	90	4.5	163.1	41.5	78.7
72	8	21.31	107.9	91	4.8	86.2	59.1	139.7
72	2	21.35	103.1	99	4.7	110.3	51.8	264.2
35	1	32.27	117.6	87	5.1	103.4	45.2	161.7
80	0	17.73	86.5	99	4.6	99	73.9	117.7
64	8	37.06	151.1	104	5.8	68.1	47.4	255.3
74	11	24.26	112.7	99	4.5	91.9	72.7	203.6
62	5	28.86	136.1	89	5	128.9	44.9	137.4
50	1	31.21	110.6	98	5.1	117.7	48.1	122.8
34	1	22.9	89.9	68	4.6	125.6	46.5	202.6
87	3	24.24	120.9	103	5.2	81.7	65.7	104.5
21	3	27.79	99.7	87	4.7	127.8	37	127
37	14	21.88	114.4	69	4.6	67.2	56.9	159
64	13	20.59	91.6	79	4.7	94.1	55.9	127.6
32	3	21.13	81.3	60	4	69.4	56	106.7
87	16	34.25	136.7	114	5.1	153.2	80.7	170.3
64	10	29.39	81	99	4	104.8	46.8	159.7
26	11	22.24	74.2	60	4	128.4	91	163.6
33	11	32.24	98.6	107	4.4	112.1	66.8	51.6
86	16	22.57	152.7	91	5.5	116	28.3	207.1
78	1	15.3	98.5	72	4.5	68.7	32.9	56
27	14	31.18	108.3	94	4.6	98.1	65.4	166.5
67	16	36.88	110.2	98	4.5	67.6	38.8	265.1
20	9	30.35	94.8	92	4.6	86	53.7	196.4
87	16	15.68	113.9	65	5.1	100.7	39.6	136.4
68	11	26.86	150.5	86	5.5	71.9	43.1	125.3
36	15	25.35	83.4	75	4.3	61	46.2	145.3
59	0	29.27	85.8	84	4.3	63.3	64.8	208.7
52	13	21.92	83.2	69	4	118.5	46.6	181.3
63	14	25	94.9	79	4.3	90	71.4	152.3
43	7	18.48	72	63	4	60.8	35.4	202.3
86	3	28.33	138.3	91	5.4	97.6	61.9	85.9

81	4	18.7	108	94	4.7	120.7	53.2	121.1
54	5	29.62	94.3	92	4	95.6	31.5	125.5
66	1	22.5	124.2	80	5	56.3	41.2	206.4
38	13	15	102.4	69	4.9	93.5	48.2	163.8
81	2	31.76	103.4	98	4.4	74.6	68.6	274.1
22	15	29.96	113.6	71	5.3	106.1	48.1	191.9
87	14	35.12	136.2	90	5.7	87.4	81	115.6
21	0	15	51.4	66	4	104.9	45.2	198.7
56	6	23.07	77.3	60	4.4	46.6	51.5	115.8
52	4	27.79	99.8	70	4.4	100.5	69.8	129.4
18	6	30.43	87	84	4.1	90.3	31.1	146
41	2	18.22	84.2	67	4.6	71.6	68	166.5
74	2	29.59	153.4	109	5.4	100.1	40.2	161.1
87	2	23.57	108	83	4.3	88.8	46.5	160.9
58	15	15.87	64.6	76	4	96.1	53.8	101.3
71	8	22.5	100.5	81	4.7	68.5	37.9	149.8
63	7	30.09	132.3	97	5	102.6	89.9	165.6
77	14	16.12	92	76	4	42.5	53.3	193.2
77	14	30.82	134.9	102	5.5	92.1	52.1	126.7
74	8	28.7	121.9	95	4.9	96.7	41.2	50
48	16	25.48	100.9	83	4.6	148.1	29.9	206.1
41	5	17.19	103.7	60	4.2	89.5	67	178.4
53	1	17.67	72.3	71	4	145.2	45.9	83.4
47	7	24.61	82.1	85	4	131.5	55	76.2
41	13	20.25	72.4	70	4	93.7	35.4	183.1
47	4	25	103.7	78	4.8	97.8	62.2	134.9
24	3	32.44	102.7	65	4.8	65	45.3	79
52	13	25.36	112.4	96	4.5	79.7	25.2	96.8
72	0	25.2	110.3	73	5.1	104.3	45.7	143
31	1	25.2	88	68	4	87.8	61.7	112.1
27	14	33.08	109.6	77	4.3	124	58.8	125
33	15	34.76	136.5	93	5.6	117.1	55.8	153.9
71	5	29.53	102.1	97	4.3	106.3	49.5	202.3
87	5	27.82	110.3	102	4.9	117.9	50.6	178.8
61	12	28.38	112.9	95	4.3	110.2	41.7	161.3
62	3	35.57	157.6	117	5.2	99.6	67.4	220.7
73	15	29.86	105.1	91	4.7	76.8	49.2	103
74	7	36.13	134.1	96	4.9	154.4	42.1	147
38	9	24.49	79.8	73	4	118.6	76.9	119.8
85	12	18.99	111.5	70	4.7	109.9	68.6	143.4
67	5	22.99	73.5	79	4	75.9	51.5	147.7
50	3	23.62	81.7	62	4.4	171.7	44.7	118
24	15	36.63	129.4	81	5.4	78.1	45.2	131.3
87	3	31.42	131.5	84	5.2	100.9	35.6	183.6
32	0	23.18	76.2	84	4	102	64.3	144.5
49	3	31.85	112.5	91	4.7	59.1	77.6	50
37	4	26.22	95	97	4.6	113.1	58.6	184.9
32	5	36.81	123	103	4.5	110	73.3	177.2
65	0	25	76.4	97	4	67.7	62.9	86.2
88	6	17.77	89	79	4.6	121.8	28	226

38	5	25.88	81.4	83	4	70.8	72	137.6
59	12	25	113.9	74	4.9	90.2	46.6	200.6
43	13	18.94	84.3	63	4	76.5	53.3	152.1
31	7	30.52	123.1	83	5.2	118.1	36.4	125.7
74	12	35.55	145.5	86	5	114.9	23.7	169.4
54	1	20.27	87.4	69	4.6	66	40.7	123.9
75	10	32.84	127.4	107	4.7	82.1	54.1	142.3
38	4	23.36	110.1	69	5.1	82.5	51.9	71.4
86	6	26.85	143.2	86	5.2	119.4	62	134.8
20	7	26.22	86	69	4.3	78.6	54.4	88.3
54	7	26.85	90.9	91	4.7	96.2	52.3	149.7
66	10	29.84	86.2	96	4	93	41.8	175.2
36	15	20.85	53.2	67	4	90.1	80.4	152.7
29	4	34.76	116.1	89	5.2	151.6	79.5	196.4
78	10	30.02	130.8	105	5	79.7	54	248.9
58	12	32.01	107.9	106	4.9	93.2	29.2	144.5
50	13	22.32	114.2	71	4.4	110.9	55.5	153.8
67	2	20.31	96	77	4.6	87.3	31.1	117.2
85	14	34.1	126.9	117	4.6	82.4	29	55.4
88	16	20.05	126.7	89	5.3	110.2	65	156.8
50	15	27.9	121.4	70	4.8	123.5	37.2	184.1
41	0	33.11	110.9	81	4.7	139.1	42.6	150.9
78	1	26.24	124.2	82	4.7	94.1	63.8	109.1
78	14	34.02	141.7	98	5.5	76.9	57.1	101.6
45	0	25.37	130.9	83	5	76.7	60.5	86.8
75	15	19.34	99.2	98	4.4	142.1	77	144.6
60	11	29.25	95.8	89	4.6	109.8	42	99.9
58	11	28.19	119.8	94	4.6	75.4	55.1	207.9
56	0	43.13	140.2	120	5.7	79.6	72.5	187.8
66	4	21.33	102.3	94	4.8	66.7	36.2	202.4
34	6	25.49	92.5	87	4.4	97.6	48	213.8
87	7	22.61	89.9	80	4	114.5	63	131.1
87	4	26.15	124.7	78	5.2	146.4	31.5	191.7
82	1	25.9	112.4	85	4.3	132.5	53.5	137.1
22	1	21.77	74.9	68	4.3	101.1	45.7	137.7
19	14	29.81	88.1	70	4.1	79.2	36.4	139.9
39	11	25.72	95.4	62	4	113.8	68	108.9
74	9	35.07	136	90	4.9	46.9	63.8	143
83	13	23.11	112.3	117	5.2	76.4	58	143.7
33	6	38.17	135.2	92	5.5	119.1	60.6	183.6
68	16	28.66	127.7	109	4.8	126.3	44	139
56	1	34.63	121.2	94	5.4	139.3	50.8	122.9
57	5	27.69	93.3	94	4	96.6	37.7	184.5
55	9	22.32	105.8	76	4.8	138.9	61.6	104.8
77	10	25.42	109.6	89	4.8	88.5	36.4	143.4
76	11	18.68	97.8	86	4.8	86.1	42.5	183
27	1	26.33	71.4	71	4	109.2	34.7	191.2
81	3	28.03	127.8	82	5	134.3	53.3	215.8
80	0	27.27	158.4	84	5.8	128.2	46.1	170
66	14	34.98	120.4	92	4.8	131	56	155.8

81	13	26.11	127.1	92	4.6	115.8	40.1	229.6
49	14	15.64	99.5	60	4.7	128.8	38.7	108.4
24	12	48.26	125.7	110	5.2	100.8	56.6	189.2
38	10	22.86	53.3	86	4	109.5	48	156.4
37	0	32.81	119.6	83	4.7	183.6	92.6	50
43	0	17.97	83.6	61	4	126.4	59.8	229.9
85	13	28.47	129.1	115	5.3	100.6	52.1	109.5
32	10	22.23	86.3	85	4.5	124.1	69.5	292.4
31	1	15	87.9	64	4.6	68.3	65	157.7
44	14	25.3	96.1	71	4.7	90.4	52.8	102.3
57	5	26.7	139.5	90	5.5	93.9	95.7	190.1
75	15	25.69	124.4	78	4.7	78.5	67.3	130.7
45	2	28.46	119.6	70	4.5	153.1	33.3	153.3
43	6	25.38	97.4	83	4.7	114.2	45	177.8
80	8	27.41	124.5	88	4.6	117.6	23.1	155.4
83	7	28.02	97.2	74	4.9	96.9	28	150.7
42	3	26.79	90.9	86	4.7	65.4	94.8	125.1
20	3	25.98	103.1	87	4.6	98.1	70.3	50
89	16	21.64	111.8	93	4.6	87.3	24.7	169.4
61	14	30.57	99.8	87	4.5	69.5	49.9	178.3
59	10	25.3	94.8	62	4.6	122.8	44.7	252.8
23	0	24.82	75.8	73	4.3	92	89.8	191.7
56	3	30.07	112.6	83	4.3	46.6	14.7	99.1
69	0	28.27	103.5	82	4.9	100	40.5	50
40	16	22.81	112	60	4.9	100.6	40.6	50
67	2	34.5	130.6	118	4.7	122.6	39.3	152.4
60	16	19.86	73.8	64	4	103.6	53.9	181.2
36	12	20.81	107.7	60	4.7	81.6	63.3	171.4
86	4	31.01	129.3	117	4.8	114.9	42.2	166.6
68	10	37.51	141.6	104	5	80.5	48.8	219.3
28	12	23.54	90.7	70	4	121.2	35.7	169.5
29	2	29.48	104.7	84	5	134.7	36.9	103.1
25	10	19.85	72	69	4	25.6	56.2	121.9
41	4	21.43	93.3	74	4.2	77.5	58.7	173
58	11	33.79	119.3	81	4.6	113.9	22.3	160.6
53	14	29.19	115.3	71	5	102.8	39.1	148
89	11	33.98	134.7	98	5.4	138.9	45.2	126.7
72	4	33.52	123.7	94	5.3	137.5	44.2	105
26	1	15	50	60	4	127.8	46	234.2
64	9	19.82	96.6	79	4.5	49.4	12.4	103.9
32	10	28.65	101.7	77	4.4	95.1	66.1	120.7
65	3	16.82	118.9	65	5	119.2	48.8	152.7
59	5	20.67	103	80	4.2	99.2	92.1	168.4
77	16	35.56	123.7	111	5.2	96.2	59.4	162.1
87	16	23.75	100.8	81	4.1	137.1	55.7	69.9
29	3	31.26	106	69	5	110.7	37.1	168.8
19	11	26.83	77	75	4	92.4	41.3	206.1
24	16	22.92	74.3	65	4	64.4	62	163.7
20	7	17.01	57.8	67	4	151.6	45.9	253.5
20	0	28.4	86.9	66	4.5	109.1	39.6	221.4



44	15	35.73	129.5	82	5.1	86	78.3	133.6
57	11	23.09	69.8	73	4	127.9	55.6	124.1
50	9	27.41	124.2	89	4.8	51.9	61.9	99.7
18	16	17.88	66.7	60	4	152.6	45.4	152.7
25	4	22.97	73.9	69	4	118.3	68.3	167.8
49	5	29.05	120.9	81	4.4	165.8	42	209.5
65	10	31.46	117.3	104	5.2	119	67.9	149.7
21	14	30.34	80.5	84	4.4	107.2	43.3	112.3
87	9	15	75.7	61	4	81.9	74.5	206.7
36	14	24.26	102	84	4	86.9	69.7	92.1
49	12	21.2	103.3	80	4.6	62.8	43.7	173.2
26	13	25.15	82.1	84	4.1	159.3	84.1	161.3
29	13	26.33	112	70	5	104	52.2	156.2
28	5	33.4	106.3	77	4.5	126.1	75.9	136.8
63	1	28.77	134	89	5.5	130.9	33.2	210.8
33	16	35.51	98.2	92	4.1	93.3	60.6	167.6
18	0	22.8	63.4	79	4	75.9	56	172.2
80	15	18.5	94.3	86	4.8	78.5	44.2	185.5
38	6	35.73	109.5	94	4.2	53.6	64.5	80.3
47	16	29.6	125	85	4.9	66.4	69.6	98
30	12	22.54	89.5	70	4	116.1	58.1	111.9
51	2	29.63	98.4	83	4.5	130.7	55.9	154.3
21	11	32.01	99.7	89	4.3	100.2	54	108.6
45	8	27.72	96.5	68	4.8	127.7	57.9	111.2
76	9	22.63	96.2	84	4.9	128.4	62	139.9
44	3	24.35	94.5	88	4.7	90.6	61.3	199
86	13	28.74	122.6	85	4.9	132.6	59.1	198
42	11	28.19	90.9	102	4.8	95.1	43.4	182.4
20	0	34.27	91.9	74	4.6	87.1	65.2	179.5
85	14	25.34	130.4	86	5	102.6	58.7	150.2
42	7	21.22	94.8	82	4	57.7	55.9	164
37	3	42.46	142.6	117	5.5	98.9	46.7	151.5
51	13	28.05	102.3	88	4.8	30.7	64.9	156.5
43	7	32.01	94.2	92	4	120.3	19.4	162.3
22	7	30.13	87.7	97	4.3	61.2	49.2	135.6
78	4	28.12	135.6	79	5.7	99.8	44.2	52
26	4	25.63	65.3	60	4	144.5	42.9	186.1
67	11	15	110.2	60	4.5	102.1	46.1	155.7
23	1	20.62	61.1	60	4.1	43.2	34.5	70.4
77	12	28.97	133.1	87	4.8	103.9	44.8	186.5
61	13	15	70.2	72	4.3	92.3	32.4	168.5
28	1	27.43	84.9	87	4.5	128	56.2	74.4
83	16	30.97	97.6	108	4.3	96.6	64.1	238
64	3	32	148.8	103	5.1	133.5	65.8	147.3
20	13	30.59	104.8	70	4.1	113.1	58.2	265.3
47	11	32.75	123.5	95	4.8	126.2	41.6	207.8
38	7	36.63	109.9	87	4.9	97.2	33.4	230.6
45	10	33.58	100.7	97	4.5	138.5	40.2	152.7
79	13	28.18	132.5	94	5.4	84.7	45.2	160.6
50	16	26.19	84.3	91	4.4	45	40.5	183.2

52	14	27.69	103.9	108	4.7	67.1	86.4	166.1
69	16	25.35	91.4	86	4.8	103.6	60.6	183.9
51	1	33.71	119.8	82	5.1	108.1	58.7	146.5
58	3	30.43	86.1	74	4.6	104.7	54.7	64.2
68	7	24.71	86.2	76	4	136.6	42.5	128.2
64	0	34.94	114	110	5	105.7	52.1	173.2
75	8	25.25	122.2	93	5	109.9	60.5	169.2
74	12	21.33	96.7	84	4.9	129.4	64.5	250
40	0	26.94	113.6	84	4.8	49.7	54.5	132.5
65	14	22.06	124.1	87	4.8	121.7	61.4	169.8
39	9	32.62	105.1	73	4.5	139.5	42.8	185
34	5	21.93	63.7	80	4	121.5	26.4	174.3
86	2	26.31	135.1	97	4.9	109.5	69.7	110.6
28	14	32.64	81.2	70	4.1	124.1	41.1	172.1
32	9	22.73	72.9	75	4.4	35.6	41	100.9
52	13	29.47	84.4	74	4	96.1	36.8	128.3
50	0	21.16	106.8	79	4.4	61.1	54.6	141.8
33	6	28.47	107	81	5	111.5	41.9	141.1
51	9	30.4	135.6	78	5.1	69.9	72.3	73.3
83	9	26.75	113.4	97	5.2	125.5	71.9	148.1
57	12	27.2	95.5	93	4.2	87.5	55.8	156.6
45	1	29.66	98.9	80	4.4	61.4	39.5	161.7
64	5	25.32	87.6	93	4	71.7	77.9	137.3
56	0	32.34	139.1	90	5.8	60.6	67.3	248.7
87	3	35.23	189.6	115	6.7	98.9	40	159.2
37	4	21.45	75.5	70	4.3	118.5	56.4	128.6
18	9	37.6	118.1	101	4.5	80.7	54.3	165.7
89	12	25.18	117.5	83	5.3	56.2	58.8	118.2
80	12	38.97	149.6	101	5.9	99.6	52.2	198.2
84	16	25.26	133.4	83	5.1	98.9	50.3	175.6
21	0	31.24	80.8	82	4.3	85	94.1	230.8
75	5	31.21	117.7	95	5.3	76.5	59	199.9
42	16	24.68	113.4	80	4.7	138.4	40.3	225.1
64	0	27.44	119.5	76	4.5	82.2	44.2	50
55	0	35.64	128.7	90	5.4	56.8	78.4	98.9
32	6	25.07	98.8	87	4.5	97.4	45.8	185.2
80	13	24.49	123.1	92	5.4	115.8	36.9	121.1
38	7	20.08	101.5	75	4.6	113.8	51.8	226.7
74	6	36.41	146.1	102	5	52	48.3	138
70	11	24.12	107.5	88	4.6	136.5	72.1	206.3
63	11	34.2	130.2	93	5.3	106.3	75	174.3
31	7	23.39	86.3	60	4	117.1	46.7	145.7
34	9	34.01	98.8	99	4.4	179.5	63.6	115.2
56	15	31.84	115.9	94	4.5	122.8	49.3	166.3
26	15	25.63	87.6	66	4.4	117.2	39.2	141.5
23	6	22.59	56.2	68	4.1	93.2	78.2	110.1
40	11	23.08	102.8	69	4.7	99.8	80.6	79.1
76	13	23.01	123.2	100	5.2	63.9	56.6	154.8
63	14	33.39	131.4	103	5	102.5	42	199.6
55	0	27.96	121.7	74	5	148.8	36.7	164.6

31	14	20.31	78.5	60	4.1	112.8	61.4	186.1
89	1	25.49	112.8	95	5	166.9	71.5	143.9
79	7	26.21	131.2	92	5.5	115.9	53.8	110.4
52	9	15	65.1	71	4	108.4	68.1	187.8
36	14	25.82	78.2	76	4.5	95.9	48.5	138.3
47	15	31.34	117.9	82	5.2	159.1	43.4	152.6
42	12	26.17	104.7	84	4.2	86.1	55.7	186.9
57	6	28.53	124.5	93	5	78.2	21.7	187.7
31	1	29.91	74.7	94	4.4	73.5	44.6	155.2
43	1	24.94	94.9	85	4.8	167.9	64.2	194
39	5	31.38	90.3	78	4.2	104.4	15.5	176.9
65	11	35.74	141.8	103	5.6	102.5	32.7	178
68	0	17.86	114.7	72	4.7	115.6	50	217.6
20	6	24.93	92.4	61	4	92.5	34.1	179.5
59	3	40.98	128.1	89	5.4	77.1	44.9	241.6
36	6	28.02	87.8	103	4.7	75.6	21.5	82.7
45	14	26.79	94.9	76	4.4	74.6	61.6	104.7
62	7	25.45	94.3	83	4	39.9	68.4	126
88	11	34.65	135.9	108	5.5	101.8	29.2	96.7
80	8	21.37	96.5	85	4.4	53.2	55.2	240.7
36	4	32.56	87.4	62	4	116.5	49	229.7
64	11	25.34	113.4	83	4.5	125.1	58.9	187.2
31	13	22.5	92.4	88	4	81.9	74.1	168
55	9	25.61	129.2	80	5.3	110.1	34.9	98.5
70	6	26.72	106.9	105	4.4	121.8	70.9	173.8
78	7	24.01	83.7	87	4	145.1	77.4	157.1
53	1	33.68	131.1	90	5.5	88.3	26	192.9
57	13	22.55	112.5	80	5.2	57.6	66.9	128
47	14	27.84	121.3	84	4.6	72.8	39.1	178.9
26	3	30.22	120.5	81	4.6	50.2	61.6	200.8
81	10	27.78	143.3	88	5.5	114.3	40.3	196
50	6	31.63	98.6	76	4.1	3.4	43.7	157.8
69	2	24.4	131.5	90	4.8	69.9	42.3	218.3
31	1	30.74	97.1	84	4.3	100.4	37.6	106.6
70	15	30.91	133.8	112	5.6	67.7	63.3	164
76	7	32.81	132.5	99	5.6	74.2	59.3	178.9
58	12	15.69	70.8	60	4.3	124.9	59.7	150
85	2	30.05	145	101	5.6	66.4	46.5	188.1
85	7	32.41	125.5	102	5.2	86.3	48	201.8
25	3	24.53	114.4	67	4.8	127.9	57.6	60.6
19	4	23.71	70.5	75	4	88.8	39.9	227.5
58	5	22.79	84.5	84	4.3	172.1	44.7	124.2
72	6	20.81	92.7	68	4.6	132.9	65.9	209
33	8	30.99	125.9	79	4.6	134.5	57.8	116.9
79	11	40.69	122.4	123	4.7	58.4	69.4	174.9
65	12	23.66	118.5	73	5.3	97.1	14.1	176.4
47	0	24.2	124.4	76	4.8	91.5	74	142.5
29	1	27.09	91.1	79	4.1	87.8	65.9	127.8
52	14	17.39	79.9	60	4	83.9	66.1	295.1
28	12	22.83	85.9	69	4	96	27.8	125.1

81	4	26.66	102	90	4.1	27.9	43.7	225.6
67	6	21.64	141.5	77	5	72.2	45.6	294.1
38	11	34.18	122.4	75	5.1	150.5	54.5	133.4
86	10	19.24	88.2	82	4	83.9	78.6	71.4
65	9	32.41	110.2	89	4.9	80.4	55.1	150.9
37	3	35.81	117.8	103	4.5	98	69.6	127.5
84	0	29.29	106.2	101	4.2	101	72.9	184.7
61	16	26.18	85.3	77	4.6	32.4	62.3	128
50	0	28.48	111.4	81	5	104.2	55.3	141
78	12	24.36	127.8	89	5.2	116.4	70.5	148.2
26	7	15	81.7	60	4	117.6	28.3	90.8
85	2	21.12	108.8	70	4.4	71.8	61.4	140.8
52	1	26.93	100.7	86	4.8	146.2	74.9	146.8
82	4	21.36	109.5	89	4.3	142.8	54.1	115.8
25	8	24.52	101.4	79	4.8	140.2	60.7	167.9
62	9	29.88	96.9	100	4.5	123.6	67.2	207.8
64	8	27.87	101.1	80	4.8	89.6	46.2	138.6
57	8	33.35	114.5	102	4.9	100.1	97	149.5
71	15	28.77	114.4	81	4.7	142.7	33.7	137.6
63	3	29.12	113.9	94	4.6	31.6	23.6	240.1
64	3	22.73	102.1	74	4.7	78.1	62.2	119.2
32	7	19.01	89.1	70	4.6	113.8	42.4	117.2
36	5	24.52	65.6	60	4	93.2	54.2	123.7
43	1	22.64	67.8	80	4	88	55.6	214.3
69	12	26	101.5	79	4.4	148.8	58.2	218.6
39	3	20.6	98.7	75	4.5	125.1	31.7	108.9
38	6	32.05	98.3	91	4.1	128.8	40.2	190.9
68	4	22.61	103.6	86	5	76.8	68.5	131.1
55	13	24.82	104.1	82	4.6	83.4	43.2	82.3
37	2	26.88	102	67	5	112	49.5	82.2
46	7	33.74	138.9	107	5.6	113	42.5	143.2
68	2	37.55	144.5	103	5.1	155.5	58.3	193.2
21	2	37.96	126.4	89	4.7	111.1	44.6	152.2
72	12	19.31	97.7	92	4.8	149.8	75.2	157.8
88	14	24.76	140.6	82	5.3	119.5	39	62.1
45	10	23.62	95.8	76	4	93.1	29.2	133.7
21	5	29.22	64.6	79	4.2	76.7	32.7	138.3
39	8	28.86	139.1	80	5.3	124.1	67.9	131.8
62	12	23.5	103.7	84	4.4	89	32.5	101.2
84	12	23.03	121	81	4.9	96.6	30.2	247.4
83	4	21.02	92.5	83	4.7	75.2	62.1	180.7
51	11	15	113.5	67	4.4	100.1	77.7	193.9
72	7	19.21	87.5	92	4.1	117.8	82.8	156.8
18	15	32.2	92.6	98	4.2	87.9	48.8	218.7
89	6	35.79	118.1	110	5.2	78.6	4.5	104.8
55	8	35.09	128.1	109	5.3	102	47.8	194.9
23	2	32.46	97.2	76	4.3	114	69	92.8
42	8	20.93	64.7	94	4	99.7	34.9	154.8
34	9	19.91	80.8	65	4	156.8	42.2	152.5
78	6	16.13	97.7	75	4.5	103	55.5	157.1

29	0	23.5	82.8	77	4.6	115.5	68.7	152.8
23	16	27.52	64.2	84	4	126.5	36.2	50
44	5	20.95	93.3	70	4.9	111.9	67	131.9
25	1	29.59	77.7	60	4.3	71	61.5	148.4
82	6	30.91	141.2	105	4.9	75.2	47	127
74	4	24.15	102	77	4.8	66.9	62.5	73.8
57	10	18.96	105.3	81	4.3	60.4	66	134.4
31	12	35.29	111.3	97	4.8	108.2	75.7	183
52	15	27.21	106.4	86	4.7	137.2	73.6	227
65	12	38.65	153.9	114	6	121.5	33.8	144.6
73	16	27.55	104.4	86	4.3	121.1	58.1	140
66	7	27.97	97.5	103	4.8	69.2	50.3	112.9
30	2	21.21	90.8	70	4.8	114.8	56.4	229.2
78	16	24.46	93.2	86	4	115.9	51.6	115.2
66	11	17.65	81.3	85	4.5	150.3	53.3	134.7
63	13	18.94	70.7	68	4	110.1	50.7	173.8
79	0	31.45	144.7	77	5	152.2	41.5	198.8
25	4	25.3	73.1	60	4.4	103.7	54.6	125.4
60	9	24.46	94.1	97	4.3	113.4	64.7	141.1
37	15	22.56	69.3	75	4	134.9	48.1	139.2
56	14	24.69	96.6	83	4.5	107.5	43.1	83
66	6	33.8	123.5	107	4.7	54.6	54.1	172.5
81	7	27.87	133.6	97	5.3	70.2	56.5	120.2
79	6	19.92	84.5	78	4	179.9	40.6	128.6
71	0	33.18	117.8	94	4.6	103	44.9	167
26	13	37.35	134	80	5.6	120.8	34	154.8
54	10	29.97	127.6	78	5.5	68	55.9	238.7
66	0	32.35	112.5	98	4.7	110.2	46	238.5
58	16	34.32	121.9	95	4.6	139.9	71.6	222.9
34	14	17.06	105.6	68	4.5	43.9	58.8	250.7
38	12	38.19	102.5	95	4.9	106.3	61.3	230.5
68	0	33.59	97.4	88	4	106	53.3	67.9
76	1	29.93	114.8	98	4.4	109.7	64.2	177.7
56	0	26.25	104.2	86	5	163.5	26.6	166
72	11	18.98	86.9	78	4.2	92.1	50.7	163.8
58	5	25.01	118.7	84	4.5	85.9	46.3	126
56	1	29.69	115.5	108	4.4	94.8	68.2	62.6
30	0	20.37	71.7	60	4.3	171	31.8	122.5
81	11	26.58	110.6	82	4.7	104.8	54.4	116.3
28	15	19.9	67.6	60	4	117.4	70.3	184.8
36	1	24.69	104.8	76	5	31.2	49.6	135.8
28	12	18.88	69.7	60	4.2	103.4	49.5	212.1
63	6	18.25	75.1	76	4	94.8	55.2	239.1
62	14	29.04	128.5	89	5.2	102.8	47.9	108.9
18	13	23.52	76.9	62	4	90.3	57.2	97.2
57	4	24.09	81.3	85	4.2	61.2	67.7	174.5
36	3	23.2	115.1	76	4.6	91.8	55.9	180.3
89	13	43.34	165.3	135	5.6	145.3	50.7	155.5
89	8	30.64	131.5	106	5.2	103.7	63	92
78	3	31.29	123.4	97	5	46.1	74	166.9

29	5	22.35	80	60	4	64.8	41.4	139.3
78	2	30.03	119.5	105	4.5	108.4	79.6	184.9
50	10	25.63	97.2	90	4.9	68.1	42.4	138.7
62	0	22.3	91.8	93	4	107	56.7	191.5
86	7	38.57	143.6	88	5.5	137.5	56	191.7
25	6	30.44	89.2	83	4	114.2	56.9	120.8
42	5	30.13	109.6	92	4.9	70.6	26.4	187.1
63	10	21.17	98.5	90	4.1	105.1	32.4	176.3
47	8	19.38	76.8	77	4	122.3	45.1	141.7
64	6	26.65	109	87	4.8	78.2	41.2	209.8
66	6	23.56	113.3	72	4.5	67.6	58.7	86.2
64	10	30.68	84.5	92	4.2	97.3	68.9	128.4
35	9	31.08	113.3	89	4.4	146.5	20.2	208.3
83	4	27.39	102.9	101	4.3	70.5	33.6	159.1
85	1	31.97	124.6	85	5.2	86.9	42.8	143.2
50	1	28.16	63.9	88	4	64.3	33.9	136.5
53	6	21.77	103.5	61	4.2	77.4	45.8	110.2
36	6	25.81	83.5	80	4	96.1	37.9	219.1
45	16	27.81	95.6	71	4	95.6	58.1	159.2
57	6	32.57	120	79	4.5	17.4	91.5	151.7
32	5	28.35	68.1	98	4	93.1	37.9	205.1
58	7	23.57	102.1	66	4.1	152.9	69.6	205.8
56	5	32.8	128.3	87	5.4	104.3	90.3	161.6
19	7	29.28	95.7	77	4	92.7	40.7	273.5
80	12	36.27	131.6	85	5.5	82.9	83.1	81.1
46	8	27.52	103.7	90	4.9	72.3	37.5	232.9
83	1	20.78	106.9	77	4.2	103.2	69.2	174.3
68	16	34.06	138.5	89	4.8	113.5	38.6	188.1
27	11	23.54	104.4	80	4.1	152.2	22.8	88.6
31	2	28.77	91.9	67	4.4	77.8	66.2	100.3
68	4	28.11	118.7	95	5	138.9	58.4	144.9
56	13	27.27	97.5	85	4.6	137.7	49.4	166.7
45	15	25.98	105.7	81	4.7	87.9	25.8	166.3
20	3	17.09	76.1	60	4	78.1	70.3	142.1
87	3	20.99	108	86	5	56.9	66.8	118.4
44	6	33.73	122.2	69	4.8	101	23.1	156.8
19	0	29.57	93.7	69	4.9	91.4	53.8	59.4
55	6	38.46	128.7	93	5	132.1	58.7	257.4
20	11	20.77	63.3	76	4	110.6	33.4	142.3
33	14	26.82	97.7	79	4.8	40.5	65.5	110.4
57	6	33.98	112.8	96	4.8	98.1	87.9	114.1
19	3	23.61	94.8	87	4.6	109.2	66.6	94
58	14	24.09	89.5	61	4.2	93.1	76.7	202
29	0	25.24	94	88	4.8	126.7	63.9	175.8
52	2	24.33	95.8	80	4.8	83.1	33.4	143.9
82	5	30.19	130.4	90	5	131.1	63	142.8
72	8	16.32	92.8	68	4.1	83.4	30.7	130
62	13	36.86	117.4	96	5	90.1	42.5	50
79	10	21.24	123.4	98	5.4	158.4	46.4	189.1
66	4	15	74.7	72	4.1	60.5	44.7	150.3

42	13	26.94	109.5	87	5.1	102.8	38.2	179.9
40	6	24.74	69	69	4	110.4	46.3	195.4
41	2	25.93	93	80	4.8	81.5	48.2	202.5
55	14	28.88	133.2	96	4.8	114.1	69.4	157.6
45	2	30.87	105.1	99	4.5	122.1	56.4	157
38	12	37.12	119.7	81	4.9	108.4	64.9	206
71	12	22.86	130.3	91	5.3	105.9	46.5	144.8
35	2	31.65	103.7	84	4.4	115.7	64.5	215.9
53	14	31.25	117.9	94	5.3	77.4	21.1	204.3
62	2	15	95.1	63	4.8	81.1	30.8	123.4
70	3	22	83.3	97	4.5	113.9	65.1	115.8
47	8	19.28	79.8	73	4	88.9	41.1	94.3
77	12	29.69	124.8	89	4.6	98.5	51.6	194.6
49	1	29.03	83.6	81	4.2	24.3	14.9	50
84	14	29.15	145.8	105	5.7	120.1	44.3	50
84	11	25.17	128.7	98	4.7	139.8	31.3	168.8
45	1	25.77	108.2	80	4.8	118.4	39.8	74.8
61	6	26.83	129	82	5.1	123	51.8	97.5
58	15	24.59	114	91	5	127.8	51.5	159
80	15	31.66	124.9	94	4.9	94.5	46.4	74.2
40	3	20.58	61.7	65	4	73.3	63.6	82.8
65	6	22.31	91.9	106	4	115.6	43.4	229.2
49	14	27.73	95.2	88	4.1	132	46	169.7
74	6	24.79	120.9	86	5.3	67.5	32.1	196.6
50	2	20.35	91.9	69	4.2	121.6	68.2	120.3
41	2	30.19	82.4	83	4.6	108.6	37.8	236
56	14	23.57	113.1	92	4.3	96.7	28.8	50
51	9	21.93	114.3	84	4.8	92.1	31.8	69.4
73	16	25.95	135.5	82	5	108.2	52.9	63.8
45	12	21.64	73.8	70	4.5	80.7	48.6	104.1
54	7	26.79	110.4	71	5.2	190.8	46.6	208.9
24	3	24.84	71.6	75	4	60.1	65.1	248.1
85	2	23.92	144.4	60	5.2	23.6	35.2	157.1
54	9	23.96	100.4	64	4.8	108.7	57.4	178
73	12	32.97	121.9	100	5.3	102.7	51.4	50
82	4	29.22	116.1	70	5	116	56.1	175.5
82	16	16.74	104.5	100	5	14.3	51.7	116.8
64	12	32.3	129.3	86	4.6	45	38.8	95.9
37	5	30.1	79	89	4.2	86.6	16.6	128.5
36	12	29.75	123.5	96	5.2	126.4	62.2	141.4
46	11	32.33	119.7	92	4.6	45.5	49.9	214.3
77	14	27.09	138.5	91	5.5	113.5	51.8	70.7
35	11	30.72	129.6	78	5.5	92.6	49.5	98.1
52	2	24.21	97.9	66	4.9	104.8	27.8	210.2
60	11	32.09	132	89	4.9	99.2	53.4	87.5
28	8	28.31	87	79	4.1	99.5	50.4	56.3
66	6	18.74	88.5	75	4.3	99.3	48.9	267.7
55	2	33.22	142.5	84	5	133.1	75.7	93.8
81	7	26.23	106.9	102	5.1	101	51.8	141.7
86	6	25.39	121.7	77	4.6	130.5	48.1	138.8

25	15	24.34	72.6	77	4.2	86.8	47.7	219.2
51	14	24.78	90.2	88	4.1	133.5	33.9	154
65	4	28.38	106.7	92	4.7	92.9	52.1	165.8
73	13	21.07	125.3	98	4.6	93.3	54.1	187
82	6	17.59	108.9	83	4.4	46.7	40.1	192.1
48	7	20.61	102.8	87	4.5	72.9	61.2	196.7
21	14	29.29	67	60	4	79	57.3	218.4
67	15	26.03	111.1	96	5	45.7	48.3	115.9
86	5	33.68	129.6	110	4.6	74.1	62.4	102.2
47	2	26.61	109.1	87	4.3	120.6	44.2	126.5
76	14	32.06	163.2	105	6	123.9	62	112
84	15	22.84	76.8	82	4.3	49.4	42.7	189.8
62	4	24.39	110.8	90	4.5	149.9	73.7	50
21	11	27.06	122.7	92	4.7	125.2	41.2	215.2
43	8	26.12	91.1	61	4	162.4	47.6	173.7
44	1	25.56	100.4	91	4.2	133.2	37	66.6
63	4	21.77	110.2	78	4.2	156.8	58.2	151.7
81	14	17.49	68.1	71	4	112.6	32.9	166.7
68	4	30.79	124.6	82	5.4	76.7	48.2	194.5
67	0	30.12	106.8	97	4.3	107.8	29.3	147.4
23	11	23.32	113.9	85	5	32.9	58.1	149.9
76	2	29.27	118.4	90	4.9	95.2	58.9	143.8
32	1	26	82.3	83	4.6	98.6	51.9	206.8
47	7	33.64	128.5	92	5.4	129	42.1	244.4
59	12	19.13	100.1	60	4.9	106.2	60.4	164.9
54	6	26.24	117.9	81	5	86.8	35.9	120.6
59	5	25.76	134.7	77	5.5	58.1	38.8	169.1
52	5	27.97	98.2	75	4.3	77.4	60.4	244
23	0	36.22	134.7	84	4.9	93.3	58.2	150.4
85	12	26.26	148.2	89	5.9	78.9	58.2	114.7
35	14	31.46	93.9	95	4.6	21.3	84.5	230.1
46	10	26.11	90.1	81	4	99.6	52.6	161.7
76	8	33.43	130.6	86	5.5	86	44	155.2
64	2	31.52	117	106	4.7	85.5	47.9	76
34	11	25	117.6	79	4.7	104.9	18.5	155.8
39	12	24.57	80.7	79	4.2	86.3	55.8	193.7
85	2	29.92	131	107	5.2	132.3	71.2	125.1
86	7	23.07	102.7	88	4.6	77.9	44.8	138.5
54	2	28.14	109.9	81	4.5	75.3	69.7	152.1
66	3	24.87	139.9	88	5.8	77.3	35.5	153.7
30	12	29.21	125.8	87	5.5	105.3	38.3	160.2
51	9	26.03	108.2	86	4.2	104.9	38.3	237.5
70	8	22.84	115.1	91	4.6	83.2	28	126.4
68	16	33.63	133.3	99	4.7	99.6	71.9	117.1
20	6	28.44	87.3	66	4.6	111.4	57.7	109.4
59	11	26.68	136.6	79	5.6	118	59.3	133.9
49	13	29.52	128.3	100	5.1	96.5	39.1	95.7
68	5	16.97	96.5	74	4.8	76.3	62	138.9
63	1	39.54	132.3	94	5.3	76.4	42.4	190.3
38	8	27.15	96	67	4.4	107.9	43.1	200.5



61	3	15.22	91	60	4.2	121.7	66.1	97.4
28	8	34.18	106.8	95	4.4	104.5	37.3	131.4
85	0	22.49	129.6	90	4.9	88.4	35	176.8
18	9	33.26	107.7	101	4.7	82.9	33.2	119.9
80	12	27.73	106.2	99	4.3	124.2	47.8	197.5
41	7	17.58	63.5	73	4	63.2	80.9	141.2
30	9	28.57	112	99	4.3	85.7	46.1	68.2
28	0	28.13	77.9	68	4.2	143.2	30.5	168.6
68	3	33.91	121.6	84	5.4	135.1	40.6	189.2
34	11	30.13	95.7	88	4.8	106	43	106.5
41	10	19.56	66	67	4	85.4	50.7	124.3
36	6	33.01	113.7	91	5.1	92.4	55.4	119.2
54	12	24.52	99.2	93	4.4	102.6	18.6	165.4
25	16	37.32	102.6	99	4.4	163.2	31.6	109.4
45	3	24.87	128.5	93	4.9	130.7	30.5	141.2
22	10	25.73	51	64	4	126.8	65.3	96.9
34	1	22.07	73.2	80	4.1	95.3	34.8	139.3
53	7	24.01	90.9	72	4	85.1	54.2	147.4
36	8	22.42	67.5	89	4.1	94.1	57	125.5
81	0	34.06	167.5	107	5.5	129.9	42.4	62.9
28	6	19.01	110.7	69	4.4	148.8	13.6	247.2
71	12	31.83	113.9	91	5.2	74.4	67.6	169
62	8	31.97	139	89	4.9	31.1	69.7	118.7
64	9	35.27	136.5	104	5.2	92.5	49.7	167.6
29	0	27.26	118.9	95	4.4	131.8	39.7	189.7
38	10	20.84	84.1	86	4	82.9	76.9	173.6
28	2	25.97	97.4	78	4.6	113.6	39.3	185.5
22	13	30.57	118.2	76	5	66.3	61.9	201.8
73	3	27.51	135.3	96	4.9	91.2	27.6	109.4
37	15	29.2	104.2	95	5	76.3	56.9	133.9
58	9	35.19	110.2	100	4.9	95.4	30.5	153.9
63	15	30.49	106	88	4.4	106.1	55.7	170.2
29	7	28.19	68.1	85	4	120.7	50.1	165.6
87	4	15.93	112.2	75	5	87.4	44.5	50
34	16	22.3	89.8	68	4.5	65.9	44.1	292.1
36	10	24.57	96.5	75	4.1	54.4	66.3	233.5
43	3	15.14	76.4	70	4	132.5	48.7	122.3
65	1	20.34	81	75	4	75.6	55.9	183.7
69	16	25.39	115	86	4.6	115.5	92.7	115
87	16	26.37	130.3	95	4.9	52.2	31.2	99
72	0	30.03	108	90	5.1	147.1	38.4	105.6
50	3	25.77	101.1	97	4.8	183.5	25.2	126.2
79	7	28.49	111.8	112	5	109.9	24.5	172.6
40	5	24.49	90.7	73	4.1	91.3	78.6	175.1
32	10	27.25	78.5	70	4	143.2	43.7	139.4
44	4	29.71	102.4	81	4.1	85.1	10.5	69.7
81	14	35.84	161.6	110	5.8	101.5	45.8	172.2
68	15	23.91	99.3	83	4.3	17	42.6	219.7
70	6	27.87	105.5	78	4.3	97.7	34.3	139
68	7	32.21	114.1	95	4.3	134.7	43.4	146.7

64	0	18.36	90.9	78	4.7	86.2	52.4	254.7
21	1	38.99	140.4	102	5.4	86.7	43.8	193.7
24	6	34.07	126.2	103	4.6	86.9	62.8	103.1
52	3	16.73	82.3	64	4.4	158.9	49.1	94.4
65	11	29.23	106.3	85	4.9	106.8	50.2	88.6
89	14	23.61	90.3	87	4.1	101.2	47.1	169
62	15	24.62	91.6	74	4	87.9	31.5	230.2
89	8	29.1	98.1	91	4.8	130.8	32.1	178.6
36	2	33.3	120.7	81	4.7	75.8	51.8	101.9
80	14	24.2	133.4	91	5.5	137.7	38.6	192.8
55	6	24.29	95.5	72	4	96.5	59	110.3
84	5	29.23	131.2	105	5.1	135.1	45	274.8
76	9	30.43	107.5	107	4.3	88.9	38.4	122
86	7	20.96	80.8	73	4.3	124.5	53.9	96.6
30	5	37.34	115.5	79	5.3	116.2	50.4	165.3
64	6	23.14	109	76	4.6	98.2	25.1	194.5
78	5	32.79	155.1	96	5.2	141.1	22.7	168.2
48	11	29.71	139.4	99	5.1	138.9	58.6	166.3
39	11	30.64	101.6	85	4.9	80.7	38.9	183.8
60	2	23.26	115.2	85	5.1	78.5	52.3	154.2
84	12	16.66	105	82	4.3	92.7	53.5	170.2
71	7	26.87	114.3	80	5.2	91.1	68	190
27	3	26.9	91.7	73	4.5	131.2	74.7	88.8
59	10	21.25	94.8	77	4.1	110.8	32.8	137.6
81	15	32.51	129	104	5.2	73	47.8	185.9
38	5	26.69	122.2	65	4.9	74.4	48.1	74.1
83	11	22.15	114	80	5.1	103.4	72.8	167.5
58	12	30.51	141.1	91	5.2	126	28.4	125.8
41	4	30.67	93.4	81	4.7	146.9	71.5	137.5
52	0	22.7	53.9	63	4	105.2	58.4	151.5
73	14	34.4	123.4	94	5.1	96.3	41.8	71.3
47	2	40.46	116.9	88	4.6	93.3	63.1	121.7
74	5	20.46	80.5	94	4.6	78.1	44.4	215.7
64	3	25.9	128.3	82	5.1	97.7	25.8	51.9
52	8	29.02	89	86	4.7	85.4	51.8	230.6
36	7	40.68	133.1	90	4.9	87.7	46	121.3
25	0	22.6	112.9	71	5.2	117.8	42.7	120.9
43	3	21.36	72	79	4.3	56.8	38.1	154.8
88	0	21.32	108.2	77	5.1	42.5	59.2	222
47	1	34.33	137.5	84	5	71.5	49.8	82.8
24	4	22.75	76.3	64	4	123.7	42.9	123.4
84	10	21.9	115.8	72	4.4	110.5	40.9	186.8
82	5	28.39	132.4	98	4.8	128.2	43.1	188.7
53	10	28.85	111.8	94	4.5	50.5	41.3	240.3
42	14	33.43	106.1	76	5.1	115.4	43.9	95.7
54	3	27.55	95.4	94	4.6	56.9	60.9	91
18	12	28.49	74.6	84	4	67.6	44.4	191.6
32	5	26.37	102.7	60	5	61.1	52.3	117
54	15	19.17	80.5	61	4.3	66.1	44.2	172.2
30	16	25.8	109.5	69	5.1	179.3	23.4	185.6

25	12	27.38	116.1	82	5.2	115.9	53.3	68.1
22	5	24.34	67.3	75	4.1	44.6	39.3	241.9
77	8	17.61	109.8	68	4.4	52.8	60	167.8
18	14	20.19	105.3	79	5.1	102.4	74.8	120.9
53	5	26.76	92.2	77	4.2	105	40.1	155.4
52	6	32.6	134.2	84	5.4	80.9	63.6	160.2
83	8	37.09	149.1	96	5.8	150.7	43.8	162.7
80	11	25.9	131.2	89	4.8	73.3	45.4	193.9
40	1	22.7	79.1	83	4.2	127.9	55.7	121.7
26	13	24.76	116.1	63	4.7	124.4	20.5	158.3
51	14	20.72	81.9	76	4	172.1	24.1	134.8
63	15	31.73	129.6	96	4.6	173.4	50.9	167.5
21	15	39.83	114.2	93	5.2	120.8	10.7	158.1
47	10	22.84	102.2	79	4.2	101.1	66.3	50
89	12	19.85	94.4	93	4.8	110.7	70	116.9
20	10	33.04	82.7	86	4.3	118.4	55.3	59.9
31	0	28.91	102.6	91	4.7	44.2	48	238.9
77	15	29.01	116	83	5.1	55.1	66.6	196.2
62	12	36.53	123	96	5	129.2	43	87.1
51	11	18.8	96.3	60	4.3	141	44.3	192
62	5	18.63	70.8	80	4	144.6	47.9	127.4
78	6	26.03	134.2	102	5.3	93.6	37.6	158.8
33	12	27.38	98.1	75	4.5	109.8	69.4	50
83	7	24.87	127.7	93	4.8	86.3	68.9	170.6
57	10	41.76	144.9	92	5.5	155.2	35.9	170.8
34	5	25.14	101	76	4.5	88.3	38.8	60.3
51	3	23.7	79.9	62	4.4	76.5	44.8	214.3
33	15	27.75	114.5	80	4.8	95.2	68	207.9
77	5	32.83	133.3	81	5.6	88.3	44.7	159.6
83	12	22.65	104.7	103	4.6	97.8	52.4	130.3
83	6	26.12	116.9	91	5.2	127.1	34	135.3
30	16	33	111.4	85	4.7	103.8	72.8	232.3
73	14	33.33	130.9	118	5.2	82.2	32.5	241.2
48	12	28.31	114.6	85	4.7	80.4	43.8	122.4
51	15	41.51	158.3	89	5.6	83.9	24.4	62.9
56	7	38.88	115.2	98	5.2	41.7	68.5	143.1
84	5	18.56	115.4	100	4.5	127.1	49.5	214
25	8	16.85	69.6	60	4	118.5	76.7	117.2
72	2	31.77	141.7	92	5.7	146.7	35.3	98.1
44	7	35.19	141.8	109	5.4	111.4	65.7	244.7
70	12	25.65	114.2	79	4.6	54.8	55.9	77.1
56	10	23.99	110.3	79	4.6	104.6	38.1	220.3
82	13	22.08	128.4	99	5.1	105.5	40.1	151.8
34	2	19.99	97	62	4.5	122.3	58.2	146.7
47	11	33.82	135	84	5.5	153.9	49.4	172
70	13	24.71	104.9	67	4.5	62.9	39.7	145.4
30	5	28.81	89.9	69	4.5	117	76.2	146.3
38	3	16.05	59.1	60	4	94.9	50.7	106.3
36	7	33.01	106.1	84	5	177.1	44.4	131.9
70	14	30.53	119.8	98	4.7	126.5	33.8	184.2

36	9	18.93	78.7	66	4	92.1	42.2	90.2
74	16	28.55	126.5	80	5.1	140.8	17.9	193.7
42	8	27.03	107.8	94	5	92.6	50	140.8
48	10	24.3	96.6	67	4.7	120.4	61	90.1
72	12	15	96.2	90	4.5	88.4	71.5	143.7
40	5	23.04	103.5	76	5.1	102.2	43.7	171
49	16	28.81	95.1	96	4.3	138.2	57.2	110.6
79	14	23.71	125.9	92	5.4	89	44.8	220.5
27	16	25.67	80.7	89	4.4	8.9	23.1	195.4
89	9	35.98	163	108	6.2	77.3	19.4	181.7
71	3	26.53	116.1	86	5.3	144.5	48.4	137.7
69	11	15	90.5	74	4.3	147.6	19.6	192.2
37	1	25.89	68.4	75	4	78.5	46.2	207.7
49	0	27.6	114.6	88	4.8	52.2	43.6	119.8
31	5	22.05	86	85	4.6	86	23.6	149.6
67	0	31.41	123.9	78	5.3	129	9.3	141.9
45	10	18.23	82.6	68	4	93.4	38.9	139.8
70	4	26.17	121.7	110	4.5	40.3	72	220.1
41	5	18.16	94.2	63	4.4	117	53.7	209.7
39	4	25.23	102.2	87	4.5	131	38.8	201.4
47	3	31.25	130.8	97	4.7	147.5	37.7	180
80	8	26.03	106.3	76	4.9	38.2	55	152.5
21	15	25.68	78	75	4	134.3	51	141.8
76	0	27.17	123.4	93	5.1	105.6	59.8	172.3
25	4	27.47	102.4	108	4.1	80.2	76.2	71.9
29	13	31.16	109.6	60	5.1	50.6	66.3	194.7
48	6	31.2	92.1	72	4.6	44.3	66	198.3
51	16	35.53	103.5	94	4.5	77	47.9	104
66	13	28.01	111.2	86	4.9	75.5	15.8	82.6
74	12	17.04	69.2	66	4	96.8	17.5	177.4
43	0	32.15	114.7	80	5.3	144.4	56.7	73.4
35	12	35.1	111.6	97	5	97.9	41	165
55	14	41.77	122.3	98	5.2	53.7	74	111.6
67	10	35.71	121.6	96	4.6	69.4	71.4	79.2
25	9	24.06	87.3	81	4	110.1	51.2	186.4
58	1	28.12	87.8	96	4.3	77.4	42.1	220.5
23	3	25.38	78.2	68	4	96.5	35.7	130.5
86	9	24.56	113.2	75	5	134.6	73.6	191.8
61	8	26.32	103.6	94	4.5	119.5	51.9	111.9
81	11	34.71	130.9	94	5	83.5	38.9	194.7
46	15	17.46	103.3	80	4.1	70.6	48.1	125.8
45	16	20.98	103.7	77	5.1	159.1	45.9	221.6
28	0	34.32	98	85	4.9	79	76.5	50
82	13	35.72	121.9	110	4.6	171.7	52.6	124
36	9	23.04	82.9	60	4	148.6	50.2	132
26	2	36.9	130.2	105	5	97.3	29.5	71.5
44	5	32.86	80.8	88	4	63.4	56.9	185.6
51	13	25.39	102.5	83	5	101.2	50.6	147.9
61	6	15	80.9	63	4.3	139.5	57.9	188.9
85	11	16.99	119.5	77	5.3	88.6	50.8	113.1

32	0	23.05	101.8	88	4.9	60.5	44.8	95.1
68	1	31.56	100.1	93	4.8	83.2	50.7	122.4
30	2	31.58	121.1	80	5.1	111.7	38.4	89.8
66	15	24.2	71.4	90	4.3	114.1	52.3	133.5
87	7	25.61	128.9	95	5.3	102.4	69.4	217.1
73	6	26.81	125.7	105	4.7	86	63.2	163.7
68	3	25.69	135.7	66	5.4	96.3	45.6	183.2
54	8	27.98	111.4	81	4.7	86.2	46.9	127.8
34	7	26.82	85.7	64	4.7	104.1	58.8	103.1
75	10	16.95	81.3	88	4.1	107.9	55.6	159.5
46	2	25.75	121.4	67	4.5	92.7	50	152.6
50	0	26.86	129.2	86	4.8	74.7	41.6	204.4
77	8	32.94	122.7	87	5.4	137.5	36.7	213.2
72	5	22.01	105.4	77	5.1	108.9	36.5	197.7
27	3	28.22	115.4	68	5	121.5	47.6	254.5
64	1	30.38	129.3	92	4.6	77.7	55.1	153.1
40	6	26.11	94.4	99	4	97.3	24.2	181.9
38	0	16.47	65.5	60	4	77.1	61	211.1
30	10	33.06	93.5	75	4.9	142.4	34	191.7
50	10	31.48	127.3	96	5.4	67.5	39.7	200
41	8	28.37	96.7	81	4.9	69.8	46.2	153.6
28	4	27.24	87.4	64	4.4	102	55.8	146.7
34	9	16.31	83.8	60	4.5	65	72.6	135.1
85	10	31.65	132	85	5	142.4	43	140.2
64	12	35.92	134.7	96	4.7	57.7	66.2	152.4
42	12	20.32	81.8	61	4.6	92.9	44	116.6
38	4	35.07	108.7	95	4.4	87.5	69.9	94.2
29	2	33.79	96.1	93	4.7	109	48.9	92.5
54	15	20.14	102.9	60	4.7	75.9	27.7	214.1
59	2	24.64	105.1	83	4.3	107.7	39.3	128.8
34	16	18.63	83.7	60	4	74.2	50.1	180.1
65	14	26.61	95.4	87	4.2	69.7	46.9	142.6
45	13	29.69	117.3	101	5.1	93.2	34.8	216.3
58	0	19.08	96.8	70	4	96.9	30.2	87.3
64	3	29.31	126.6	93	4.9	91.6	62	141.2
35	5	30.83	109.3	92	4.9	88.4	15.4	124.2
88	0	30.92	135.1	108	4.9	140.9	57.6	149.6
30	0	29.73	72.2	89	4	109.1	33.5	195.6
30	1	19.63	96.3	70	4.3	107.3	78.4	144.9
48	8	26.27	81.7	74	4	132.2	19.6	119.9
19	12	29.11	108.3	83	4.8	59.2	18.4	149.9
33	12	35.77	111.9	106	5.2	162.4	43.6	134.2
26	11	27.01	67.9	81	4	49.6	65.2	173.2
55	15	29.55	110.3	90	5.1	136.9	82.6	50
71	8	21.41	80.8	64	4	49.6	64.8	132.6
73	15	20.07	118.3	69	5	98.1	52.2	152.8
62	3	19.3	86.9	68	4.6	81.5	35.4	189.3
51	14	24.48	83.8	69	4.2	145.8	38.5	195
26	0	39.37	126.7	93	4.6	123.1	40.1	116.3
25	14	24.59	86	63	4	91.4	43.9	128.9

24	7	29.19	103.2	87	4.9	115.9	46.2	65.8
53	14	30.34	110.5	85	4.4	108.5	53	155.7
35	5	20.45	100.7	60	4.6	121.1	41.2	274.4
20	3	24.39	77.8	61	4	94.1	52.4	159.5
45	16	30.75	85.4	88	4	79.2	55.7	115.4
87	1	29.57	111.2	95	5	34.9	33.5	158.6
61	2	15.04	92.1	69	4.6	89.7	31.2	50
38	5	30.57	95.3	82	4.6	104	66.5	187.6
45	4	23.69	114.1	94	4.7	70	51.9	215.7
71	10	23.85	90.6	93	4	97.7	47.7	139.4
71	13	29.43	134.6	84	5.2	133.4	28.6	108.4
82	2	36.14	131.8	87	5.5	102.7	61.5	128.3
38	0	25.8	115.2	74	4.9	77.8	50	131.3
30	3	34.07	115.7	76	5.3	127.7	72.4	175.6
74	10	18.35	101.6	60	4	106.6	52.9	163.3
66	7	27.78	123.5	95	5.5	105.7	46.1	145.4
71	12	23.75	126.4	84	5.2	87.1	40.7	150.1
27	16	28.69	95.1	90	4.7	62.2	73.7	117.5
70	15	25.22	82.3	86	4	107.3	64.9	180.6
61	6	18.95	111.4	72	4.7	111	53.3	150.7
64	5	21.68	96.3	66	4.7	78.5	64.1	71.9
70	9	17.14	132.7	68	5.4	104.7	55	186.6
63	13	19.16	85.8	60	4.1	128	22.8	135.2
30	4	29.88	94	92	4.2	69.5	64.1	129.5
54	6	25.49	114.1	69	4.9	112.7	60.5	240.9
41	14	28.39	113.7	85	5.2	97	33.6	170.9
19	3	37.89	116.6	88	4.8	128.8	58.8	183.4
31	9	25.22	82.5	79	4	132.3	37.4	120.5
27	11	30.81	82.7	82	4.5	101.8	43.6	120.6
52	15	27.17	95.2	71	4.6	99.9	52.3	221.3
42	14	43.58	110.4	102	4.6	93.3	51.5	273.6
20	2	15	96	69	4	68.2	48.8	197.2
34	8	22.69	72	64	4.2	111.8	25.7	50
29	8	30.92	96.9	94	4.3	101.8	50.7	112.6
71	11	22.48	115.8	89	4.4	77.3	75.1	146.9
41	7	30.4	106.4	87	4.7	41	54.1	142.3
46	5	26.64	92.4	74	4.2	116.5	47.3	142.2
60	6	32.19	117.2	97	4.7	89.3	60.4	78.8
42	6	20.21	77.3	65	4	120.5	52.2	246.1
77	5	28.04	115.8	104	5	59.1	43.7	178.1
82	8	29.8	131.5	84	4.9	102.2	63.7	111.8
45	0	27.79	87.5	86	4	99	53.9	121
33	15	27.9	113.5	80	4.7	93.7	56.1	180.3
64	12	34.21	126.5	101	4.6	147.4	47	137.3
75	11	16.92	87.6	83	4.4	104.8	48.5	156.5
44	15	27.75	97.8	73	4.9	48.1	62	171.3
70	4	19.75	117	69	5	88	42.4	124.4
59	14	31.55	129.9	95	4.9	51.6	84.8	236.5
76	14	21.97	110.5	93	4.4	142.5	41.1	50
64	3	15	78	67	4	107.4	40.9	111.2

51	16	31.69	122.4	105	4.7	95.2	65.5	190.7
54	16	25.39	103	79	4.4	57.7	49.7	115.7
23	13	29.14	121	71	4.5	105.2	59	141.9
24	16	35.56	107.6	93	5	131.5	72.8	212.3
42	2	29.23	129.7	78	5.5	117.7	56.1	173.8
50	8	28.02	109	79	4.8	116.6	55	156
72	8	26.72	98.9	92	4	143	41.7	208.5
75	4	20.12	152.2	89	5.8	145.9	37.2	121.4
24	15	25.71	66.7	76	4	103.2	26.9	171.7
74	11	38.84	110	109	4.3	117.7	39.3	175.7
29	15	24.75	57.9	93	4	151.4	42.9	91.8
33	13	26.06	134.7	83	5.1	69.9	38.8	107.4
60	2	34.54	155.9	94	5.5	114.3	46.2	64.4
24	4	17.75	74.7	72	4	69.3	42.9	163.5
68	11	30.72	127	92	4.7	88.8	62.6	212.1
49	4	17.47	88.2	74	4.6	140.1	30.3	110.1
25	11	29.4	69.7	85	4	74.7	64.8	50
89	1	26.87	145.1	95	5.1	132.7	60.2	147.5
62	7	30.67	137.3	85	5.2	81.8	36.1	210
76	6	20.93	86.4	81	4	133	30.9	132.4
21	8	23.79	88	65	4.4	143.9	58.4	176.2
84	8	30.98	127.9	102	4.8	72.8	58.4	50
46	4	23.94	92.7	81	4.5	119.1	38.1	178.5
46	14	31.53	100.9	69	4.6	133.3	30.1	226.5
45	15	28.26	102.3	87	4.9	87	44	242.5
61	11	24.33	96.3	112	4.2	117.1	1.8	199.7
21	14	25.11	101.7	68	4.5	64.1	58.2	277.7
26	13	27.02	91.6	86	4.8	165.7	40.5	193.5
22	1	25.68	77	80	4.3	77.7	53	145.2
73	10	31.38	123.9	80	5.5	91.3	76.9	126.6
67	15	24.77	105.9	90	5	96	44.1	67.9
32	8	23.56	85.4	64	4.3	102.5	60.2	118.1
49	1	32.46	124.6	89	4.8	113.4	46.2	95.1
45	1	24.47	92.3	63	4.6	112.9	43.4	189.6
39	1	23.76	83.5	79	4.4	66.7	72.9	91.4
34	6	15	51.6	60	4	62.5	41.7	98.5
76	1	20.76	104.4	95	4.8	150.9	58.2	197.9
88	10	21.97	131.6	73	5.2	134.7	54.7	123.2
74	14	23.76	107.7	94	4.7	60.9	56.3	192.5
43	5	22.67	84.3	79	4.1	111.9	59.4	237.9
42	3	32.9	100.4	81	4.1	124.4	57.8	103.7
27	14	22.35	57.3	60	4	161.9	41.5	165.7
62	14	22.8	119.2	77	5.2	85.8	43.5	295.9
28	16	27.93	102.1	80	4.6	130.6	54.1	183
70	15	20.39	112.3	68	4.5	121.8	22.2	196.8
89	2	36.38	146	99	4.9	79.3	55.5	144
85	1	31.81	119	111	4.4	89.7	41.4	159.3
45	6	19.99	82.7	63	4	77.5	65.7	189.2
82	3	33.08	124.7	108	4.9	110.8	20.6	91.3
66	6	34.33	120.4	111	4.6	53.6	57	82.9

64	8	20.15	91.1	69	4.1	93.5	54.1	170.1
69	4	20.01	116.1	66	5	89.3	52.3	138.3
71	15	23.34	137.5	93	5.7	38.7	69.8	83.9
77	16	18.51	87.4	75	4	109.3	50.2	72.6
74	8	22.32	104.1	79	4.5	120.3	53.8	201.8
64	9	24.6	109.5	98	5.2	56.5	31.7	148.2
48	2	30.02	94.3	84	4.8	100.1	51.9	128.8
63	10	27.49	112.3	90	4.6	58.7	46.2	149
43	10	26.11	104	63	4.4	103.7	45.9	151.8
22	7	24.1	83	69	4	135.1	26	139.4
69	14	19.15	107.2	68	4.3	84.8	75.9	67.7
71	12	30.55	121.6	90	4.9	91.2	35.7	169.4
50	15	30.42	67.9	82	4	163.4	45.6	100.7
67	4	23.3	90.7	96	4.6	77.7	27.7	129.8
55	0	20.39	114.8	68	4.5	71.9	28.3	172.4
44	9	36.34	127.5	90	5.3	99.8	28.5	188.9
32	1	28.48	55.2	95	4	172.5	73.2	165.9
78	4	29.38	100.1	91	4.6	107.6	25.9	155.9
38	12	29.64	114.1	77	4.9	80.3	41.4	195.1
63	0	19.79	87.4	87	4.4	117.9	44	171.6
86	5	36	99.5	107	4.2	122.4	38.9	102.9
23	11	24.58	101.6	72	4.3	118.2	37	194.6
55	1	31.93	127.2	95	4.8	123.5	43.6	191.1
79	14	35.75	123.6	118	5	128.1	31.4	158.4
79	8	27.49	138.2	82	4.8	96.1	64	181.6
63	5	19.91	84.4	88	4.2	96.1	73.4	162.3
30	2	15	60.7	60	4	125.2	68.8	50
20	8	26.77	81.3	66	4	26.7	21.1	130
23	0	28.5	65.1	68	4	22.2	20.1	142
25	4	23.52	90.7	69	4.2	82.1	26.5	140.6
61	2	27.81	118.9	80	4.7	89.7	58.1	125.3
50	5	29.58	102.3	100	4.7	120.8	42.2	148.5
67	4	32.96	135	102	5.4	85.6	86	188.4
28	9	25.63	66.4	74	4	135.2	50.4	162.3
45	11	26.73	111.3	72	4.5	104.3	66	141.2
87	1	25.93	125.2	107	5.1	76.6	66.3	53.5
58	1	27.2	98	87	4.9	137.9	35	203.1
33	9	23.92	95.6	71	4.1	108.3	37.4	126.4
85	1	23.89	102.1	87	4.7	61	73.2	236.5
65	1	24.27	122.6	81	5.4	122.9	24.3	106.3
73	8	27.94	125.3	100	5	122.9	47.6	185.7
81	13	21.92	114.8	96	4.6	61.7	60.5	143.4
76	8	24.29	104.6	77	4.8	103.2	57.1	91.1
79	1	37.85	151.8	101	5.1	118.1	44	197.1
28	1	32.38	121.8	78	4.8	50	43.4	69.3
35	2	21.26	109.1	73	4.4	131.7	31.1	158.5
36	15	32.19	99.2	97	4.2	79.3	36.2	156.1
72	16	30.76	134.8	82	4.9	74	74.5	113.5
43	13	26.38	120.2	70	5.1	91.5	53.1	210.1
23	0	22.75	78.4	65	4.5	121	40.8	161.5



21	6	22.07	100.7	72	4.4	129.9	59.3	237.5
46	13	28.34	107.1	74	4.2	150	43.1	163.8
76	5	21.92	91.6	79	4.6	73.2	33.6	177.1
34	10	33.58	98.5	81	4.5	111	41.3	50
60	1	35.28	103.9	106	4.8	120.5	28.8	184.7
83	3	26.74	119.4	91	5	114.5	73.9	172.6
51	9	33.83	115.8	86	5.2	70.6	59.4	124.8
25	3	24.53	89.4	60	4	107.7	59.3	113.5
30	9	22.71	105.8	67	4.3	109.6	41.9	139
25	5	33.6	104.5	83	4.4	81.2	49.1	193.2
82	9	36.48	135	115	5.2	114.5	42.5	92
60	14	38.78	129.6	114	5.5	106.3	28.8	85.3
56	8	29	83.2	76	4.6	59.4	63.5	190.3
76	6	32.17	137.6	108	5.6	119	61.9	129.7
61	2	28.86	111	96	4.4	103.4	56	142.8
26	0	35.42	110	83	4.9	43.3	50.4	143.8
54	2	29.6	108.2	96	4.5	91	36.7	166.3
53	11	31.83	117.1	83	5.3	103.7	55	212.6
45	1	20.19	68.2	75	4	78.4	35.4	96.8
59	15	25.61	105.7	108	4.3	109.4	37.5	171.5
60	8	31.88	109.7	96	5	91.4	35.5	148.8
59	7	31.34	117.7	89	5.1	130.8	40.2	165.4
83	9	32.39	116.1	88	5.1	108.1	38.7	261.8
72	14	27.72	123.6	92	4.6	157.1	60.9	88.4
89	13	23.09	116	99	5.2	56.7	34.8	180.4
65	10	26.65	91.4	80	4.5	109.6	49.8	205
39	12	27.28	113.3	86	4.9	100.5	59.1	99.9
44	7	28.45	96.2	81	4.5	112.6	68.2	137.7
84	12	21.19	104	81	4.8	139.3	55.7	124.2
30	11	25.4	102.8	79	4.5	57	21.4	220.4
62	7	26.47	125	67	4.6	118.2	46.6	150.2
27	11	15	61.5	60	4	110.1	60.7	69.8
26	0	32	103.7	93	4.8	72.7	35.2	263.7
71	8	27.98	126.7	89	4.7	135.7	69.9	233.3
44	16	28.59	123.1	84	4.7	101.8	69.6	196.6
51	2	23.91	99.7	77	4.7	77.7	57.5	139.4
18	5	30.52	102.1	98	4.3	112.9	64.3	95
49	8	22.01	79.8	79	4	128.7	68.1	137.4
88	8	22.95	92.2	76	4.7	109.5	50.9	196.4
84	15	30.77	136.9	90	4.9	87.2	63.2	140.4
37	10	29.14	89.7	83	4.1	76.2	32.7	122.1
52	4	19.33	75.8	85	4	75.6	60.9	76.1
34	16	36.46	124.5	99	5	123.8	55.9	103.9
35	13	22.45	85.2	82	4.1	128.3	87.4	80.9
62	2	26.2	111.8	74	5.1	92.5	44.2	156
70	2	37.48	115.7	111	5	170	69.1	190.5
85	15	15	83.8	68	4	92.9	64.3	86.2
82	9	16.76	124	76	4.8	97.8	48.4	66.7
18	1	29.65	83.4	86	4.2	88.1	22.8	150.4
75	16	15	89.5	67	4	96.5	44	138.6

43	13	15	80.1	60	4.5	98.8	48.3	166.9
37	12	34.05	95.6	86	4.1	117.4	64.3	75
27	11	24.55	107.9	74	4.9	94.2	54.2	206.8
76	3	40.18	143.5	117	5.6	118.2	50.5	170.9
58	13	20.79	92	67	4.7	52.1	62.4	206.6
22	8	25.09	102.2	66	4.2	81.3	61.6	126.7
82	15	30.24	140.2	100	5.3	90.4	64.5	200.8
34	10	29.83	131.2	88	4.7	92.4	37.2	121.6
39	6	25.47	88.9	79	4.6	45	64.6	198.7
58	8	23.11	133.1	78	5.1	126.8	69.5	123.3
85	10	28.39	134	88	4.8	55.9	90.1	54.5
86	9	35.26	163.9	115	6	81	57.4	192.1
28	4	31.58	116.9	95	4.7	99.2	66.4	119.1
73	11	23.21	98.3	78	4.1	161.3	56.9	197.4
68	15	21.05	88.6	75	4.2	98.4	59.5	68.7
38	14	22.84	62.6	80	4	113.5	66.4	61.3
43	1	19.36	55.1	71	4.1	55.5	25.7	129.6
36	3	27.88	89.6	86	4.2	74.9	54.4	150.7
77	11	31.88	146.3	101	5.5	79.1	54.9	63
88	15	26.57	114.7	98	5.2	84	40.9	119.4
64	5	37.32	121.5	99	4.8	130.5	27	92.7
88	0	37.65	154.8	90	5.5	83.5	43	154.6
43	15	28.85	91.3	86	4	118.3	54.7	261.4
57	14	31.21	143.5	98	5.8	76.9	46.8	128.1
22	14	21.6	75.3	69	4.3	91.6	54.3	118.1
38	15	24.84	107.6	69	4.4	28	36	156.3
21	6	34.63	101.8	80	4.4	97.9	52.3	248
40	11	23.52	92.4	99	4.8	99.6	55.1	94.4
32	13	35.92	129.7	94	5.1	94.2	31.1	152.2
25	6	33.68	108.3	62	4.7	159	29.5	274.8
58	12	31.51	139.4	86	5.4	98	62	115.6
36	3	19.96	71.2	66	4.2	18.3	52	124.3
63	11	25.13	87.3	72	4.7	63.4	34.7	196.5
45	1	30.87	83	86	4.5	98.7	43.8	240.2
85	3	21.09	128.5	80	5.5	97.6	57.1	247
32	2	25.86	106.2	78	4.9	75.6	36.2	142.6
54	8	31.51	111	88	4.3	69.4	73.2	102.9
18	15	23.59	85.7	61	4	141.6	58.4	118.8
84	11	21.92	126.9	82	5.4	129.7	62.4	95.3
41	8	16.2	75	73	4	133.8	52.6	153.9
44	14	24.68	70	78	4.2	81.2	59.1	183.3
57	16	31.64	90.6	90	4.7	121	81.7	159.8
80	1	21.76	92.1	88	4.3	23	43.4	125.4
78	12	27.11	119.8	92	4.8	87.5	44.2	197.3
53	15	25.65	88.7	71	4	83.5	81.6	176.7
41	8	23	107	81	4.2	92.5	69.5	174.2
41	13	32.03	90.5	82	4.6	103.5	47.4	190
21	16	36.85	98.8	86	4	94.9	38.2	166
84	11	33.03	105.7	87	5.1	66.2	43.8	144.3
51	12	22.82	89.5	85	4.1	77.7	80.5	89.3

74	15	38.95	140	109	5.6	115.5	51.4	134.9
66	15	33.01	140.2	100	4.9	110.6	65.8	111.3
70	12	24.26	110.3	93	4.7	147.8	53.6	238.1
40	5	22.35	100.8	81	4.4	109.4	54.8	233.1
86	11	33.73	150.5	97	5	144.6	58.9	221.8
70	10	28.04	122	91	5.1	56.6	48.2	129.8
79	11	21.9	94.9	83	4.8	117.7	46.2	144
58	1	26.11	112.3	82	4.3	122.7	73.7	117.9
74	15	24.56	133.4	78	4.9	114.5	46.8	90
77	14	22.06	102.9	98	4.8	64	57.9	191.7
71	5	33.09	135	109	5.6	109.5	66.1	113.2
87	9	31.69	139.8	106	5	89.2	58.6	136.5
74	15	32.03	120.5	111	4.5	117.4	61.4	131.5
27	13	31.95	116.5	88	4.3	97.4	25.5	244.7
57	5	21.5	90.7	74	4	82.9	53.5	152.5
24	1	23.38	90.6	66	4	168.4	69.3	192.7
55	10	35.75	120.4	101	4.8	77.7	83.9	132.3
78	2	27.65	120	79	4.8	108.4	67.5	116.1
20	11	18.18	85.4	69	4.2	116.6	53.9	170.1
68	0	28.3	86.4	74	4	91.2	58.8	201.9
64	7	30.93	128.1	104	5	134.2	60.9	124.1
85	0	30.14	138.4	103	4.8	125.9	19.5	183.5
55	9	21.37	86.6	96	4	49.4	32.7	136.6
53	8	38.32	127.7	103	4.9	118.6	52.2	65.5
58	8	18	75.4	78	4	153.2	48.8	110.7
86	6	27.67	111.4	102	5	77.1	44.4	148.6
30	9	37.42	118.9	84	4.6	58.7	55.8	162.1
75	7	30.55	163	85	6	90.9	57.6	180.8
67	9	32.02	132.5	86	5.1	99	27	224.6
47	16	20.68	77.1	72	4	100.9	29.4	150.1
79	6	29.08	134.3	95	5.3	131.4	43.8	77.9
42	13	26.78	108.3	81	4.2	79.2	58.4	160.8
44	2	20.22	61.5	76	4	115.9	46.9	128.2
68	15	32.19	118.6	89	4.7	123.1	41.9	97.2
74	0	22.08	104	91	4.5	103.1	71.4	152.6
64	7	22.79	104.4	85	4.5	81.3	60	184.6
56	0	29.6	111.7	105	4.9	65.3	47.4	180.3
33	6	26.14	96	81	4	53.9	77.1	106.4
39	10	28.02	86.5	81	4.7	55.9	51.5	209.6
71	7	25.77	107.2	109	4.3	51.7	64.3	178.5
38	4	35.48	111	91	4.5	145.7	35.6	231.8
89	13	21.45	129.8	89	5.5	94.6	29	253.8
33	12	24.21	79.5	78	4	161.3	37.9	180.6
76	16	29.89	119.1	104	5.4	111.1	58	209.9
48	5	21.07	85.8	74	4	53.9	48.1	176.1
59	12	20.81	119.9	104	4.5	94.1	47.4	72.8
49	6	27.83	115.1	78	4.5	118.8	53.5	50
76	11	32.2	113.4	113	4.7	109.3	52.3	122.4
51	13	32.99	122.4	78	5	86.9	68.4	170.3
26	2	27.55	77.9	67	4	126.7	41.7	75.4

28	5	22.97	88.8	60	4	68.4	28.7	149.6
27	12	28.65	116.3	69	4.4	105.1	74.5	190.7
34	3	30.4	73.5	67	4	123.7	43	71.2
85	13	28.57	109.5	97	5.1	88.7	68.1	199.5
65	8	34.41	128.7	90	5	114.8	56	163.2
69	13	20.92	95.4	95	4.7	96.1	72	149.5
42	4	22.82	94.8	79	4.1	105.9	40.7	86.8
38	1	33.57	109.9	90	4.3	112.4	63.1	184.3
82	16	18.16	77.1	82	4.1	91	45.8	157.9
80	7	23.76	121.8	94	5.3	141.6	40	50
68	5	22.61	84.2	94	4.6	107.6	75.2	160.9
53	15	17.61	89.8	65	4.3	116.5	38.8	102.2
83	3	25.88	111.4	84	4.5	134	38.1	115
32	14	31.48	140	88	4.9	117.7	33.2	155.1
56	14	27.94	107.1	102	4.8	71.4	43.3	172.7
87	15	31.8	137.4	88	5	121.6	52.4	203.2
18	5	34.15	110.6	88	5.1	107.6	47.6	107.4
40	15	24.69	99.4	89	4.6	78.9	55.8	151.7
56	15	42.88	138.4	115	5.6	134.2	26.3	57.1
74	7	24.93	97	90	4.5	69.1	49.4	169.6
51	6	25.72	100.3	87	4.8	83.4	28.6	130.2
58	9	22.75	71.5	97	4	87.4	43.4	176.4
30	16	30.27	107.9	90	4.7	61.7	46.4	140.7
87	8	25.26	162.8	76	5.3	99.5	49.5	123.1
23	13	26.53	92.2	73	4.5	80.1	55.4	136.8
69	3	25.77	116.1	88	4.9	106.8	31.1	50
20	8	25.63	63	82	4	151.8	43.3	186.7
80	1	27.95	108.7	94	4.9	98.8	84.3	190.3
66	15	24.3	120	84	5	114.5	48.8	191.6
64	6	24.58	84.5	84	4	99.4	47.1	144.6
72	6	33.44	117	102	5.2	90.5	21.1	207.1
81	3	25.24	124.5	89	4.5	121.9	52.5	114.6
82	8	29.3	136.7	92	5.5	71.8	26.2	100.6
84	12	21.66	108.7	84	4.7	129.9	12.8	185.7
32	11	24.33	91.5	77	4.6	76.8	56.6	122.3
49	14	19.6	90.5	78	4.3	140.4	56.5	232.3
85	6	38.13	125.3	138	5.2	89	25.8	208.8
35	6	35.25	111.9	78	4.6	75.3	28.9	152.1
60	7	30.57	119.8	97	5.1	103.1	38.3	90.3
52	6	39.91	129.5	118	4.8	52.8	79.1	115.2
75	15	31.62	96.9	90	4.7	67.8	54.2	140.6
50	7	25.97	125	88	4.7	114.2	58.6	282.4
31	15	29.24	82.6	77	4.4	135.3	68.4	162
51	4	35.16	121.9	90	4.7	82.4	72.8	185.4
78	2	21.72	112.3	76	4.5	138.3	52.2	108.3
21	15	19.96	68.6	63	4.2	87.6	56.9	154.6
76	11	29.44	125.5	93	5.3	105.5	50.3	111.6
46	15	23.48	83.3	84	4.4	105.7	20.4	120.9
23	6	15	98.7	60	4.9	145.9	54.3	60.6
66	2	19.54	93.2	85	4	126.5	41.8	165.6

57	7	25.13	117.2	91	4.6	93.9	6.1	186
82	3	27.29	104.2	96	4.4	173.1	38.3	76
86	12	27.47	133.8	117	5	98.3	42.6	90.7
44	12	39.03	114.3	112	4.6	100.5	63.7	77.3
23	15	25.75	67.1	68	4	110	47.6	150.4
30	12	28.67	81.4	68	4	87.4	38.8	146.7
81	2	17.24	87.3	71	4	141.5	30.2	192.9
79	8	26.81	119.8	86	5	97.1	46.5	92.2
36	10	29.01	144.2	64	5.1	119.4	52.1	131.3
60	3	18.75	133.5	79	5	17.7	58.3	111.7
37	15	21.4	81.5	60	4	103.9	62.2	182.6
85	12	29.94	141.8	100	5.8	89.9	28.5	149
61	10	23.72	84.1	91	4	102.1	53.7	121.7
40	9	26.38	66.2	93	4.2	65.3	47.4	110.1
19	14	30.24	95.4	76	4.4	94.5	46.1	168.1
39	10	39.22	131.1	91	4.9	105.5	53	204.9
74	5	25.67	125.1	102	4.7	89.3	75.6	166.9
89	0	37.62	160.9	126	5.9	117.9	45.5	132.8
24	13	15.25	62.5	64	4.2	101.9	51.5	80.6
73	5	27.89	118.4	84	4.6	119.1	35	214.2
84	13	25	129.3	77	4.7	129.3	33.4	149.8
33	5	23.81	107	84	4.5	131.7	32.6	186.5
68	11	30.95	107.3	94	4.5	88.5	26	186.8
89	6	25.71	124.1	105	5.3	88.1	39.9	200.6
29	10	15	79.2	60	4.1	148.1	76.4	226.9
70	10	17.47	97.2	86	4	72.5	38	50
22	1	31.33	89.3	95	4.7	87.4	44.9	157.9
44	6	17.18	81.4	64	4	95.2	28.7	208.7
29	1	31.49	110.4	87	4.9	74.3	46.6	152.2
34	15	27.75	86.1	68	4.4	103.4	33.6	163.6
23	0	25.98	70.5	62	4	136.5	44.8	152
22	1	26.51	119.9	77	4.4	42.6	44.7	140.8
74	3	30.09	125	89	4.6	84.5	48.2	94
45	10	19.94	101.5	73	5	103.6	66.6	123.4
86	3	27.25	125.6	96	5.3	146.9	76.7	90.9
76	1	20.16	119.1	87	4.5	55.2	76.6	177.8
50	12	27.98	107.1	90	4.8	126.1	51.6	174.8
79	1	30.88	135.1	107	5.3	95.1	52.6	147.1
67	13	28	97.9	92	4	104.9	51.4	50
36	5	30.65	77.8	87	4	136.8	61.5	132.1
86	4	22.8	106.5	87	4.8	96	39.7	92.3
83	7	26.63	98.4	103	4.2	99	34.7	97.2
64	1	25.57	76.4	103	4.4	104	19.9	161.8
56	0	25.18	107.9	90	4.8	106	63.4	194.6
85	6	22.2	85.4	91	4	67.3	53.4	216.9
50	4	24.41	113.1	77	5.1	104.9	37.7	166.5
30	3	20.32	102.3	69	4.1	113	74.1	221.9
71	4	16.84	72.5	70	4.3	51.6	40.1	84.8
24	0	22.8	86.9	63	4.1	125.9	72.6	106.6
31	7	30.76	129.9	81	5.3	127.5	36.9	145.7

36	11	28.4	92.7	99	4.6	107.6	52.7	182.4
71	4	19.46	108.6	77	4.5	59.7	56.6	174.6
37	7	24.56	128.5	92	4.9	80.5	42	187.7
46	11	31.15	85.1	78	4.2	30.2	30.6	158.7
41	10	24.31	78.8	78	4.2	89.3	50.5	152.9
80	6	18.49	110.4	86	4.5	72.6	38.4	232
74	3	40.55	175.7	118	6.5	98	26.2	173
25	5	26	78.8	63	4.3	130	22.8	157.4
79	5	20.02	141.1	69	5.1	84.9	52.8	153.3
46	4	28.03	106	90	4.8	112.3	15.5	112
34	11	26.49	65.5	72	4	97.4	45.6	187
83	8	17.75	125.9	85	5.4	72.9	61.4	93.9
23	3	27.56	84.7	90	4	142.3	27.3	60
75	5	32.9	135	93	4.9	124.8	29.7	237.8
86	5	25.6	94.3	86	4	66.7	54.7	223.7
45	12	15	66.2	60	4.3	113.5	10.2	172.3
79	11	29.05	100.1	103	4.4	93.8	48.9	167.9
58	5	30.62	91.2	112	4	115.4	42.6	137.8
86	4	23.48	116.4	76	4.8	59.8	71.6	127.8
58	10	23.53	109.6	93	4.5	89.5	73.9	58.7
66	0	40.55	130.9	121	4.9	110.6	54.9	96.7
66	3	23.05	82.5	90	4.3	67.4	39.4	103
88	1	20.27	90.4	78	4	107.8	51.1	153
20	4	27.15	94.9	72	4.4	90	63.1	237
27	5	30.45	101.1	87	4.4	101.3	60.4	73.2
52	5	30.19	117.2	94	4.9	130.6	14.6	180.4
19	7	15	87.9	60	4.1	181.2	27.8	184.7
41	0	23.04	100.2	79	4.6	102.3	61.2	65.9
55	8	33.92	126.5	91	4.6	94.4	30.7	77.6
39	13	28.96	138	82	5.1	157.9	55	162.2
43	1	19.59	81.6	68	4	134	62.2	164.8
60	9	34.45	159.7	108	5.6	153.3	58.9	211.9
72	0	32.79	147.9	84	5.4	107.1	57.1	173.4
56	1	25.22	99	89	4.6	124.5	42.6	90.1
46	7	32.28	124.6	93	5.1	101.5	29.2	150.4
37	12	39	118.3	74	4.8	101.7	76.9	114
58	8	20.67	73.8	85	4	103.3	20.8	50
71	14	30.33	121	104	5	112.5	51.7	186.1
37	6	38.92	99.3	93	5	102.2	41.4	179.3
36	1	30.92	108.3	90	4.4	141.7	69.8	141.8
83	15	22.47	123.4	89	4.5	117.3	50.4	234.7
47	16	28.43	102.1	107	4.3	106	36.8	87.2
70	11	35.22	133.9	106	5.1	104.8	42.8	200.2
51	11	20.91	95.5	75	4.2	87.2	63.2	112.9
39	8	26.82	110.8	90	5.1	67.5	65.9	174
84	5	25.54	119.4	107	4.9	130	59.6	198.1
23	15	23.21	78.2	90	4	129.9	51.5	107.6
44	15	28.45	115.9	77	5.3	66.8	35.3	119.4
27	2	26.4	93.7	79	4	67.4	39	168.6
65	1	30.86	87.2	87	4	121	56.8	98

87	5	33.85	130.9	128	4.9	90.4	65.1	181.3
76	13	19.36	94	80	4	70.3	27.7	153.8
76	5	27.41	120	101	5.2	51.9	24.3	167.6
19	5	26.68	88.5	72	4.1	86.1	46.8	112.6
46	15	28.22	75.2	89	4.2	103.9	53.4	110
85	5	26.91	98.9	75	4.7	91.5	52.4	79.8
82	15	21.12	93.9	94	4.1	60.2	57.9	163.6
43	4	35.73	118.9	107	4.9	82.3	41.8	89.6
27	8	38.28	131.2	87	5.1	116.7	68.4	133.9
70	11	30.28	96.5	76	4.8	147.5	72.6	188.4
76	10	30.59	114.1	111	4.3	101.4	57.9	243.3
39	5	27.79	99.4	94	4.3	131	42.2	166.9
68	15	32.82	110.7	105	5.1	121.6	8	154.7
65	0	15	88.8	68	4	82.6	39.9	83
38	14	26.98	107.6	77	4.3	128.1	51.9	126.3
39	15	23.56	80.3	88	4.2	133.7	59.4	128.4
47	10	27.87	109.2	80	4.5	85.5	44.6	169.9
42	6	33.56	111.4	92	4.7	100.5	48.3	133.5
45	15	27.11	84.5	82	4.5	83	75.2	253.5
82	8	24.84	113.6	93	4.8	62.3	33.4	175
62	16	18.58	100	73	4.5	130.7	24.9	186.7
85	16	26.34	141.4	93	5.1	148.1	13.9	175
24	11	31.03	123.7	99	5.3	98.2	64.2	100.3
66	8	21.95	93.4	85	4.6	84	29.8	121.7
26	3	15	58.6	62	4	132	44.6	125.8
53	8	40.65	133.4	113	5	135.3	62.2	209.5
18	14	29.01	83.9	65	4.5	74	73.1	200.2
27	15	25.67	108	84	4.5	104.2	50.6	166
53	4	35.35	123.7	99	4.9	159.4	34.8	161.6
63	13	27.85	113	82	4.6	154.6	55.1	183.7
49	10	34.99	129.1	94	4.7	72.3	34	75.1
49	4	34.48	120.9	99	4.8	58.3	48.8	156.8
23	16	19.35	79.8	64	4.4	110.5	28.9	75.2
65	10	29.76	121	103	4.9	121.4	37.3	137.6
55	0	37.35	125	93	5	121.6	83.6	195.1
34	1	21.01	70.5	60	4	116.4	66	102.1
44	10	21.08	115.5	65	4.5	108.5	39.8	216
71	1	22.1	91.1	78	4	87.3	43.3	186.7
67	12	32.34	148	97	5	81	60.7	152.4
52	5	28.71	113.5	83	4.8	124.1	43.7	149.5
42	6	15.39	67.8	60	4	78.8	68.2	101.2
45	3	29.05	113.9	71	4.6	50	26.4	92.4
32	2	25.49	103.8	63	5.1	104.3	48.9	105.5
21	6	26.33	113.9	70	4.7	108.6	37.9	121.3
44	11	21.98	71.2	66	4.2	157.7	53.8	167.8
43	12	29.09	102.6	80	4.3	101	51.8	103.2
36	0	33.3	130.3	102	4.9	60.2	50.3	130.1
34	8	23.15	99.5	61	4.6	136.6	56.3	189.8
60	5	16.91	96.1	74	4	98.5	54.1	81.6
58	10	25.18	126.5	71	4.5	95.2	32.9	83.7

59	8	31.54	114.9	79	4.4	65.1	48.3	140.3
67	15	24.47	71.5	88	4	115.3	48.3	154.1
57	13	18.01	84	78	4.2	104.7	49.2	149.9
56	12	31.58	146.3	100	5.6	102.4	82.9	211.2
40	9	35.49	120.5	104	4.7	128.1	50.4	106
69	2	27.12	101.1	87	4.3	131.8	74.5	86.6
64	15	17.37	111.8	76	5.1	109.6	20.7	52.5
80	7	25.09	127.9	85	4.7	116.2	41.2	136.2
86	11	27.91	126	108	5.2	110.4	46.2	167.5
60	4	22.14	108.1	70	5.1	150.2	73.1	170
65	15	30.5	103.2	98	4.3	72.8	17.1	140.6
51	0	21.56	88.2	64	4	67.4	64.5	131
57	6	27.15	106.8	86	5.1	64.3	58	158.7
78	7	25.63	131.7	73	4.9	115.5	58.1	160.4
67	9	30.7	111.7	96	4.5	96.6	46.9	100.4
84	2	26.91	120.4	113	4.9	66.8	52.3	179.6
79	4	25.82	137.8	84	5	94.2	49.2	180.2
75	12	22.18	144.7	81	5.9	164.7	39.8	71.2
50	10	27.21	91.4	92	4	112.8	63.5	125.5
33	4	25.44	94.5	76	4.3	144.2	51.2	95
65	15	21.78	78.4	92	4.1	60.9	38.2	141.5
27	3	27.96	94.2	81	4.4	108.8	56.1	116
55	7	29.18	106.5	97	4.7	115.4	46.8	158.7
36	6	24.97	111.7	60	5.2	120.8	43.3	92.5
53	13	32.59	99.1	93	4.9	92.4	24.5	169.6
76	12	28.58	100.5	82	4.3	129.6	42.1	266.3
80	3	19.3	126.4	77	5.1	114.8	41.4	164.8
63	11	35.02	117	103	4.3	102.6	54.6	213.3
20	6	31.6	101.2	79	4.4	87.1	44.2	139.7
82	12	33.01	136.4	94	4.9	55.4	90.3	97.7
25	1	29.4	84.5	92	4.4	42.5	27	131
68	14	15	77.2	80	4	79.8	31.3	176.9
23	16	33.56	120.5	71	5.2	95.4	41.9	147.9
56	6	27.36	117.9	93	4.7	79.7	55.5	132
77	16	29.12	121.5	96	5.4	110.3	45.1	186.2
45	0	30.24	105.9	89	4.6	124.7	40.8	144.7
71	5	38.62	142.5	122	5.7	62.5	32.1	68.8
54	2	23.72	105.2	81	4.7	116.5	56.4	179.2
26	9	23.88	104.7	78	5.1	99.2	91	160.6
73	16	21.89	105	84	4.8	48.3	34.1	205.5
76	3	20.58	110.8	83	4.9	127.3	58.6	168.7
19	3	20.69	86.7	60	4	71.9	73.5	119.1
78	7	15.89	106.8	99	4.6	177.1	52.1	165.2
75	13	29.56	143.4	64	5.2	135	55.1	143.2
77	15	38.93	141.2	102	4.8	95.7	48.8	158.9
57	2	39.31	123.6	99	5.2	100	76.8	202.1
53	6	21.89	89.9	85	4	58.3	62	129.6
54	15	25.37	112.4	68	4.6	152.7	67.1	135.3
35	10	34.4	109.7	88	4.5	74.5	48	50
80	9	29.59	158.5	104	5.4	101.3	60.2	233.2



39	6	27.81	100.3	69	4.1	80.7	48.9	149.3
28	8	25.46	75.6	73	4	113.8	61.6	119.1
75	0	34.07	135.5	99	4.8	99.4	43.9	197
74	15	20.56	126.2	75	5.1	81.2	67.5	213.9
21	7	29.89	83	79	4	113.9	58.2	73.3
24	5	29.07	82.5	74	4.6	145.1	43.1	120.6
78	3	27.26	115.7	101	5.3	101.5	63.1	163.4
71	6	31.73	114.3	102	4.6	34.3	45.3	94.2
85	8	27.2	101.6	92	4.3	111.3	31.5	120.7
18	14	23.79	58.5	69	4	55.7	45.8	85.9
72	6	27.56	119.6	87	5.3	58.9	45.9	151.5
20	11	17.45	80.6	73	4.2	55.8	32.6	100.4
55	12	30.68	103.3	95	4.7	121.2	57.5	272.5
18	5	32.21	97.4	80	4.8	56.4	56.3	235.6
55	12	23.06	101.4	83	4.9	129.6	49.8	94.8
46	10	21.63	74.7	93	4.3	124.3	62.3	61
22	0	23.28	95.4	62	4.7	74.1	44.5	76
38	6	26.62	100.4	88	4.9	114.4	27.7	125.6
88	7	28.3	133.5	100	5.5	135.3	40.3	158.3
84	1	36.69	150.6	106	5.4	82.5	37.5	83
64	7	35.93	165.2	93	6.3	137	44.5	135.1
52	13	31.99	99.6	100	4.7	105.1	51.5	137.8
85	12	27.73	109.6	98	4.6	79.3	80.3	88.8
86	6	21.44	136.1	100	5.2	124.8	26.9	219
18	0	37.08	117.9	100	5	78.2	63.3	165.5
85	4	25.51	119.6	94	4.8	141.6	35	172.6
29	9	28.69	89.7	72	4.6	65.4	56.9	271.1
77	16	30.76	121.5	117	4.6	139.3	40.4	95.1
44	9	27.37	98.6	76	4.9	106.5	53.5	196
73	10	33.91	106.9	109	4.4	121.4	74.5	233.5
40	10	29.73	119.1	66	4.5	88.2	27.8	225.8
42	12	32.93	81.7	105	4.5	111.8	54.7	182.3
38	4	29.68	90.6	63	4.1	24.1	55.3	62
78	9	26.77	111.1	88	5.1	106.6	65.4	166.8
80	13	27.45	152.1	82	5.3	60.6	51.1	121.4
69	4	26.63	111.2	102	5.2	122.4	101.7	161.2
42	2	19.29	89.3	62	4	84	67.8	201.5
72	10	21	89.8	86	4	83.7	59.5	167.1
63	4	31.44	132.4	96	5.6	65.1	55.5	93.3
49	9	19.44	132.7	60	4.8	105.5	58.9	80.5
72	9	24.57	117.5	96	5.3	74.6	52.1	110.7
22	9	20.7	72.4	65	4.3	98.4	52.2	145
53	10	24.25	69.5	95	4	90.2	27.2	218.5
66	8	26.07	120.5	93	4.9	69.3	58.8	163.3
75	12	24.56	96.8	79	4	88.3	58.6	143.8
56	8	18.43	78.5	70	4	82.3	55.3	139.8
78	12	25.89	129.8	87	4.9	129.1	55.7	140.4
26	13	21.25	73.4	75	4.1	134.1	61.4	192.3
23	10	23.18	81.4	77	4.6	60.4	56.9	97.4
52	8	31.44	125.1	84	4.7	105.8	51.3	207

56	3	32.73	107.9	103	4.5	91.6	55	187.2
39	0	19.13	63.4	72	4	73.6	68.5	136.6
58	0	36.41	133.8	106	4.8	104.4	72	286.6
22	11	23.94	95.2	75	4.6	114.1	35.3	201.3
59	0	23.39	92.6	89	4.3	20.1	44.1	140.7
84	4	21.65	100.9	76	5	130.1	64.3	188.3
47	12	27.34	86.7	85	4.4	121.3	58.4	134.7
74	12	38.89	150.5	118	5.4	99.2	40.4	112.7
46	3	17.76	112.3	79	5	73.7	50.9	125.5
54	13	15	96	77	4.8	114.7	61.8	149.7
30	16	28.61	95.9	71	4.7	80.4	78.8	65.5
49	3	30.42	121.1	109	4.7	138.1	85.3	79.7
63	9	27.32	98.7	105	4.4	126.9	22.8	169.9
40	11	30.57	111.7	77	4.7	100.6	62.8	130.5
62	6	20.21	80.1	73	4	75.8	40.6	248.9
34	1	21.33	82.8	77	4	114.9	67.3	183.5
83	9	27.74	138.1	87	5.5	123.8	29.4	172
23	9	37.55	123.8	97	4.5	90	39.7	173.9
35	3	30.36	111.7	86	4.5	112.3	47.4	141
39	3	30.64	112	98	4.4	85.6	60.1	186.4
50	4	20.56	80.1	78	4	47.7	44.4	147.4
47	12	29.53	109.7	66	4.5	50.1	39.1	166.8
49	4	19.91	101.1	81	4.8	104.7	24.4	138.6
59	2	37.61	126.1	114	5.5	145.7	40	209.4
27	11	20.93	77.3	66	4.1	71	60.1	110.6
53	9	22.22	88.9	78	4.1	75.9	72.3	50
51	1	18.16	82.5	72	4.5	109	34.4	125.6
45	15	27.51	90.9	76	4	101.1	35.8	226.3
28	5	27.26	93.9	101	4	108.6	38.9	191.8
56	11	36.08	120.4	91	4.8	115.5	48.2	209.1
64	5	31.66	98.2	103	4.4	99.5	52.9	156.8
36	4	22.26	126.5	81	5.3	104.1	45.4	156.9
32	4	32.24	89.9	81	4.7	66.2	26.3	119.3
45	1	19.54	84.6	61	4.2	87.5	19.5	121.7
41	1	22.69	91.8	73	4.3	137.9	42.6	151.6
89	0	27.71	116.9	103	4.6	114.1	58	151.1
26	3	20.21	77.1	69	4	108.4	50.1	145
64	7	33.39	111.5	115	5.2	73.8	75.3	165
50	12	40.68	142.3	98	5.2	75.9	27.2	128.6
79	6	25.23	114.6	83	4.5	67.8	51.5	170.1
36	13	23.09	100	82	4.3	44.9	70.9	215.6
84	2	26.22	141.5	75	5.3	91.9	45.5	251.1
57	11	23.66	96.6	74	4.5	88.3	30.8	115
64	5	28.57	125.7	88	4.9	105.5	9.4	211
82	0	19.07	127.2	81	5.3	131.1	45.2	189.6
46	11	28.91	104	80	4.7	81.2	42.3	210.8
67	2	38.47	145.8	87	5.6	137.5	40.3	250.5
30	4	15	63	73	4.1	115.4	54.5	226.1
18	12	19.99	91.9	77	4.7	142.7	77.2	88.6
51	0	24.33	91.7	63	4	65.8	29.4	154.1

65	15	30.25	128.5	99	5.2	135.2	35.6	110.3
65	13	32.34	137.1	94	5.5	79.8	47.8	162.8
66	15	31.86	104	101	4.2	76.1	60.8	253.6
81	14	16.85	89.2	80	4.6	98.2	44.2	185.7
78	6	22.95	99.3	71	4.2	74.5	58.7	155.9
46	7	21.6	107.4	82	4.9	112.9	28.4	112.9
56	11	26.61	88.6	79	4	125.2	50.7	134.5
43	2	27.11	105.6	60	4.9	114.8	49.8	206.6
34	8	18.78	90.5	68	4	98.3	73.5	109.9
88	9	24.36	120.3	75	4.8	135.4	67	226.8
30	6	30.48	120.1	94	4.5	112.9	51.7	191.4
86	9	23.23	85.6	85	4	95.6	35.7	92.5
43	12	25.8	107.2	80	5.1	96.2	15	223.8
66	2	37.18	129.6	108	4.7	73.5	36.7	84
84	10	38.94	122.3	112	4.9	71.1	82.8	69.5
24	6	15	50.8	60	4	86.4	22.8	182.4
75	1	27.68	141.3	103	4.9	68.4	36.3	198.2
66	3	44.5	156.5	113	5.2	65.5	51.9	135
70	6	29.87	131.8	82	4.8	72.5	69	112.1
82	6	27.11	134.6	96	5.3	132.2	30.8	140.3
79	3	34.88	113.9	103	5.2	75.7	57	165.9
34	15	28.31	102.3	80	4.9	124.7	38.2	155.9
60	7	31.25	134	94	5.7	80.8	31.7	114.8
42	2	25.74	91.4	79	4.4	105.7	41.1	88.2
20	1	28.22	111.9	90	5.2	75.6	49.3	131.7
46	11	29.56	97.9	78	4.3	105.9	31	100.3
49	11	32.19	115.8	70	4.7	168.3	66.7	172.2
43	4	24.41	101.3	77	4.4	79.1	71.7	207.6
33	16	24.25	101.3	82	4.1	91.2	39.3	121
42	1	15.44	72.6	60	4.3	64.4	61.7	196.4
71	8	24.68	125	89	4.5	133	27.1	229.8
45	14	32.72	119.4	76	5.1	137.8	47.2	114.6
73	13	29.78	96.5	103	4.3	72	62.6	167.6
82	1	21.02	135.6	84	4.7	95.3	60.8	151
58	12	15.58	70.8	60	4	112.6	52.2	93.6
68	16	26.15	140.1	71	5.1	102	68	150
88	2	32.54	131.7	125	5.6	72.2	39	127.8
46	6	24.13	91.1	101	4.5	71	51.3	122.7
36	15	18.33	85.6	60	4.3	63	50.8	137.7
83	13	23.46	102.9	77	4.2	130.7	56.3	124.1
58	11	28.96	83.6	89	4.1	119.9	59.1	216.2
62	16	34.45	123.3	94	4.5	150.1	30.6	50
32	6	25.46	97.5	72	4.7	69.8	60.2	103.7
20	16	33.33	124.7	86	4.7	109	31.9	146
28	13	32.66	86.4	104	4.3	104.1	63.8	108
70	3	19.94	108.6	92	4.9	111.1	76.3	184.2
63	12	34.5	123.9	95	4.8	118.3	42.5	164
47	16	28.77	106.5	92	4.8	195.9	35.9	143
74	10	19.76	116.1	61	5.1	194.7	74.9	154.4
35	13	37.56	109.9	96	4.4	110.8	49	147.3

68	0	26.25	114	85	4.9	148.4	29.8	98
65	6	15.34	104.5	80	4.8	74.2	36.2	181.5
83	4	22.76	127.5	93	4.9	97	37	90.3
25	10	21.29	61.8	70	4	76.1	68.1	154.9
39	11	22.91	81.1	78	4	107.6	34.8	161.5
23	4	24.33	83	67	4.6	115.8	14.9	127.6
74	16	25.46	125.1	98	4.9	169	49.2	122.4
53	7	25.23	98.2	86	4.1	72.1	54.4	122.7
74	2	26.42	116.1	88	4.4	139.8	58.6	67.3
66	13	30.52	137.8	94	4.9	87.6	9.3	240.2
62	4	22.52	96	88	4	83.3	47.2	185
83	4	34.09	156.8	113	5.6	92.9	43.5	159.1
62	15	19.65	71.2	72	4	159.4	56.3	114.9
37	11	30.69	99	76	4.8	41.2	20.2	144.5
81	12	36.86	118.7	103	5.3	113.6	52.3	126.9
84	9	25.94	120.6	88	4.9	133.8	52.7	232.1
20	5	28.16	102.6	77	4.9	71	67	56.6
71	11	21.19	100.5	93	4.5	116	55.3	78.4
81	2	23.93	106.2	83	4.8	78.3	60.4	69.4
57	2	36.41	105.9	103	4.3	158.9	31.4	188.5
76	11	31.49	151.2	96	5.1	61.3	48.4	114.7
72	6	29.51	119.7	94	4.6	117.4	69.5	175.2
79	4	15.37	88.5	77	4	87	42.5	148.4
21	2	22.7	104.3	80	4.8	95.8	61.6	199.6
77	13	37.43	133.1	109	4.8	91.3	35.5	195.2
47	12	29.46	93.8	60	4	133.3	46.5	158.7
19	10	30.21	84.3	77	4.6	105.8	25.7	195.3
79	6	28.02	107.7	109	4.8	57.8	48.6	94
66	14	23.32	88.6	94	4.2	111.4	37.3	50
26	16	29	85.6	87	4	108.5	67.1	170.8
48	2	17.82	120.9	80	5.3	131.6	80.4	147
78	14	17.37	81.5	85	4	110.5	24	110.3
65	11	22.59	80.3	92	4.2	54.8	31.3	138.2
42	15	28.15	106.5	71	4.8	135.7	63.8	60.2
53	2	17.58	85.5	69	4.1	134.6	38.4	115
25	12	27.76	102.9	78	5	116.1	48.6	219.4
75	8	21.03	96.2	82	4	109.1	72.6	191.2
62	14	21.84	86.7	73	4.6	111.6	73	193.8
79	15	34.8	159.2	105	5.7	135.1	30.3	132.7
56	9	27.22	83.3	68	4.3	141.3	78.9	180.7
75	14	21.58	111.1	87	5.2	116.4	60	224
81	6	28.12	132.1	87	5.2	119.5	65	199.9
61	11	18.18	104.2	60	4.9	106.4	39.9	187.8
46	15	29.29	102	85	4.2	172.6	38.4	50
76	15	33.64	111.6	116	5	39.2	23.8	181.9
88	5	30.97	153.4	81	5.8	80.6	31.3	137.5
26	13	39.95	111.2	93	5.2	76.6	60.2	100.7
23	8	15.37	90.2	60	4.7	163.5	56.8	182
46	16	27.76	109	86	4.4	93.9	61.8	153.6
75	15	18.94	93.1	87	4.3	40.5	53.5	173.1

34	0	25.96	99.8	69	4.9	76.2	49.6	118.9
33	5	27.01	112.8	74	4.9	117.2	39.4	80.1
20	9	40.68	117.6	93	4.8	101.5	45.7	248.5
38	8	26.64	86.2	91	4	97.5	63.4	93.7
81	15	26.53	91.7	78	4.2	106.7	62.2	121.1
53	4	33.03	111.2	88	4.9	134.8	53.7	194.1
79	16	26.68	130	107	5.4	128.3	35.9	219.5
59	15	37.99	115.3	95	4.8	76.1	42.7	161.3
59	10	31.02	126.8	88	4.6	109.5	29.7	195.3
78	7	31.97	128.4	101	5.2	147.1	44.6	175.7
30	3	15.79	82.8	83	4.6	107.1	24.9	103.6
28	2	38.91	81.7	83	4.1	82.9	44.9	92.9
71	13	23.06	85.3	91	4.6	66.2	39.9	200.2
33	3	26.94	88.4	66	4.1	107.6	49.8	181.7
25	4	23.08	111.7	60	5.1	94.1	38.3	288.1
76	14	20.85	93.4	76	4.7	93.6	61	108.7
74	8	19.79	99.7	84	5	106.9	25.3	151.2
57	3	27.62	141	81	5.6	79.8	26.1	155.5
76	0	15.18	99.8	74	4.3	138.8	45.9	80.2
19	4	25.54	98.5	64	4.9	97.9	53.9	123
27	7	33.35	95.6	86	4.6	159.6	43.8	175.3
61	6	30.79	134.8	79	4.9	131	45.1	174.8
28	11	29.59	118.2	68	4.4	97.7	51.4	118
19	11	21.63	85.3	61	4.1	61.6	57.5	142.4
67	7	17.48	92.2	80	4.6	119.9	43.6	247.8
29	1	33.25	114.4	88	4.9	114.2	52.8	148
40	9	24.31	69.2	68	4	79	64.7	117.8
35	3	26.5	111.8	66	4.2	65.6	29.5	254.3
79	9	25.81	103.4	100	4.5	99.6	69	166.2
79	3	31.03	122.4	111	4.6	107	67.8	107.2
55	16	38.06	148.4	106	5.4	104.8	37.5	202.5
84	7	35.77	155	110	6.1	100.1	57.8	97.6
55	8	15	58.2	60	4	135.9	27	105.1
84	16	25.15	103.1	96	4.4	80.9	54.5	124.2
78	4	18.92	111.4	95	4.8	156.9	70.5	106.1
18	1	32.63	73.2	93	4	50	34.3	111.2
62	1	27.02	131.3	97	4.8	78.1	38.6	94.7
45	8	30.64	110.5	70	5.2	64.2	55.4	155.1
38	13	24.64	114.5	69	4.7	106.6	44.8	87.9
30	7	20.76	70.3	66	4	112	52.9	82.5
44	0	21.79	80.7	66	4.3	152.6	86.7	172.9
24	14	17.8	88.1	60	4	106.4	43.8	138.8
39	6	19.42	78.9	73	4	125.4	26.5	150.1
70	8	18.15	77.7	86	4	67.3	40.1	137
21	1	20.79	85.5	60	4.1	58.6	52.8	260.9
40	5	20.45	62	81	4	139.2	30.8	151
87	3	29.36	148.9	100	5.9	128.2	39.7	140.9
50	11	29.13	111	102	4.9	107.2	67.8	168.8
45	14	29.36	92.9	93	4.8	73.7	74.5	166.2
25	9	34.05	122.8	87	5.3	172.9	44.1	198.2

18	5	26.53	104.5	74	4.8	124.9	44.5	158.6
54	3	22.32	96.7	77	4.2	79.3	31.6	171
80	11	40.27	179.7	130	6.2	101.6	53.8	188.4
39	4	32.43	143.1	94	5	56.2	85.9	204.1
87	7	27.91	129.2	92	4.7	103.7	44.5	127.4
38	5	27.5	115	86	4.9	86.1	45	75.9
52	5	28.74	128.1	91	5.2	171.6	57.4	67.1
22	2	25.79	70.6	69	4	122.9	43.2	175.4
77	10	27.77	123.3	84	4.8	24.1	43.5	160.6
63	4	30	106.3	103	4.2	155.2	70.7	83.8
67	6	22.64	91.4	79	4.5	112.1	30.6	150
65	7	17.2	93.7	70	4.9	146.2	33.8	128.3
23	15	15	69.5	63	4.1	108.3	59.7	110.7
73	6	32.33	102	93	4.9	104.6	47.8	58
76	15	17.5	103.2	79	4.5	75	33.9	130.7
46	8	29.79	103.8	82	4.2	119.6	54.4	168.1
88	2	20.07	130.1	60	5.3	132.7	45	239.8
35	9	20.17	100.3	72	4.3	47.4	52.6	82.3
19	12	22.69	67	70	4	75.4	45.8	128
25	12	28.16	113.5	81	5	63.1	27.8	231.1
71	5	19.27	107.1	60	5	153.5	65.9	199.1
55	6	23.3	95.8	65	4.4	133.6	75.4	190.6
65	11	26.85	103.5	99	5	89.2	36.2	150
44	8	19.74	69.3	71	4	132.3	74.2	191.1
37	5	35.57	96.4	73	4.1	59	48.4	109.6
29	16	16.66	50	62	4	109.1	4.6	102
60	3	25.69	106.7	68	5	128	56.4	70.4
78	6	34.64	102.4	97	4.6	83.8	17	147.2
48	2	19.05	74.1	73	4.2	99.7	42.7	182.5
78	15	26.34	126.5	93	5.1	115.1	60.6	169
84	2	27.8	145	104	5.4	134.6	57.1	235.9
52	16	22.16	78.1	81	4	54.2	39.2	112.1
32	5	26.54	103.2	82	4.3	94.9	59.4	204.8
33	9	30.37	97.6	79	4.2	72.4	63.5	156.7
30	9	24.2	80.7	64	4.1	116.4	41	201.9
52	9	31.59	116.5	91	5.1	90.8	44.9	147.7
76	5	29.36	111.9	105	5.1	124.4	53	149
38	13	23.5	89.7	82	4	59.7	32.6	162.9
71	11	33.76	129.1	97	5.1	85.8	37.8	151.4
47	15	22.55	111	75	4.6	160.1	65	222.1
65	2	32.14	142.4	86	5.4	93.9	84.5	50
52	5	22.66	87.3	89	4.4	132.5	59.1	117.1
55	7	25.1	98.7	98	4.3	68.3	54	118.7
48	12	26.02	113.1	85	5.2	55.4	77.4	197.4
41	0	29.03	100.8	67	5	142.2	36.1	125.7
66	15	15	98.7	77	4.1	124.2	51.2	147.7
49	13	29.75	122.5	103	5.2	87.5	62.4	131.8
72	0	26.39	129.1	78	4.6	149	37.5	184.4
75	13	28.71	121.2	102	4.5	81.4	25.4	143.7
20	2	30.01	77.6	77	4.5	74.3	62.3	193

86	1	29.36	124.2	110	5.2	100.5	64.3	199.3
27	5	15	60.9	60	4	91.9	62.7	247.7
42	0	20.63	98.9	67	4.6	65.2	62.9	193.4
85	4	29	148.4	81	5.8	96.5	51.3	174.1
78	0	28.2	143.7	97	5.7	107.6	52.1	241.2
46	12	22.26	105.8	80	4.1	124.9	53.4	206.8
36	9	31.43	91.8	89	4.7	179.8	66.6	154.6
60	1	25.46	127	79	5.4	136.7	54.2	135.1
83	8	32.31	137.5	96	5.3	68.2	51.3	210.8
78	5	34.26	120.1	99	4.9	181.7	55	130.8
60	16	28.67	125.3	97	4.6	101.5	56.7	171
42	11	30.33	103.3	71	4.3	110	34.1	71.9
37	3	23.35	61	70	4	79.6	70.8	141
65	5	32.35	107.5	81	5	99.7	40.1	222
41	15	28.31	101.1	78	4.8	99.3	51.1	98.1
28	9	25.23	87.9	74	4.3	120.4	35.9	188.4
72	3	19.69	84.4	100	4.5	127.2	47	50
45	14	24.09	106.9	70	4.9	88.6	58	213.3
86	0	20.34	116.5	94	4.9	135.8	54.7	110.4
80	10	31.57	106.6	82	4.4	83.6	42	132.9
76	9	34.32	171.1	102	5.8	133.5	39.7	220.6
22	14	32.5	82.8	83	4	80.3	53.9	131.2
68	2	41.92	136	118	4.7	66	66.2	196.8
38	16	24.24	98.1	70	4	91.1	71.5	185.2
29	6	30.58	93.8	74	4.6	92.6	80.2	211.6
67	8	19.91	120.1	60	4.4	70.5	39.5	199.2
21	4	25.82	84.5	76	4.1	88.6	38.4	144.4
59	13	18.14	77	66	4.5	83.7	48.2	208.9
55	15	30.41	122.5	100	5.2	100.1	47.4	162.5
42	2	24.87	52.2	83	4	116.4	28.5	162
31	14	15	78.5	71	4	97.5	62.6	235.9
49	11	22.89	114.6	68	4.9	72	38.4	167.2
28	1	37.76	79.9	95	4.1	89.1	40.3	143.4
78	2	29.46	116.9	97	5	129.7	56.5	233.5
35	7	31.61	81	80	4.1	80.1	32.1	152.1
44	10	27.75	102.7	95	4.6	71.2	46.2	95.5
72	1	25.91	146.5	96	5.9	53.9	61.1	72
71	4	27.09	118.1	110	4.7	79.5	50.7	144.1
38	16	28.47	97.7	89	4.2	124.8	61.2	126.1
61	3	20.42	54	95	4	78.1	64.7	202
22	14	31.58	82.6	100	4.2	98.9	48.7	122.6
58	12	33.73	119.5	91	4.5	85.3	-0.3	85.8
76	4	25.82	116	74	5.1	83.5	68.4	150.3
71	9	23.86	113.4	101	4.7	139.4	49.3	70.2
39	10	22.55	101.1	80	4.4	95.5	61.9	152.7
82	10	37.56	127.5	114	5.2	62.4	70.5	151.6
81	13	24.29	114.7	84	5.1	54.2	22.6	132.6
88	14	30.92	123.4	104	5.5	68.3	49.9	86.2
21	15	25.86	73.1	83	4	64.8	73.2	115.9
82	8	25.54	104	97	4.4	125.8	46.9	141

32	13	22.41	93.9	65	4	93.8	64.6	86.4
39	15	21.18	50	86	4	102	33.6	168.4
64	2	31.44	92.1	95	4.4	92.5	57.2	176.4
63	13	21.04	146.1	85	5.8	93.9	31.2	154.3
31	1	29.78	90.1	90	4.8	128.3	63.5	111.4
67	15	27.54	135.6	110	5.3	130.5	43.2	137.6
37	16	31.52	105.6	90	4.2	153.7	71.4	224.2
67	13	23.34	96.8	82	4.3	73.7	72	179.1
50	6	33.48	126.8	112	4.6	88.3	40.9	141.8
76	8	26.15	116.5	101	5.2	105.8	75.2	184.6
60	11	42.55	137.4	112	4.8	147.2	41.2	50
29	10	17.31	73.5	65	4.1	79.2	60.2	275.7
57	7	41.57	142.6	87	5	128.4	49.5	89.3
37	4	26.24	85.7	77	4	81.7	43.7	163.7
55	5	28.34	102	72	4.3	129.2	62	104.5
20	9	23.37	67.1	60	4	102.8	42.3	95.5
45	6	17.59	64.6	61	4	68.7	41.5	202
73	15	23.83	136.9	71	5.4	96.5	50.1	143.7
30	3	24.81	76	70	4.2	118.4	63.6	158.4
83	11	28.1	137.7	98	5.7	13.6	53.5	165.3
54	8	33.73	114.1	99	5.2	127.3	44.6	180
66	5	28.14	122.4	88	5	56	42.3	176.2
83	11	28.25	123	82	5.3	93.4	46.9	193.6
53	8	29.31	83.3	86	4	96.7	58.2	57.7
71	12	16.47	93.9	63	4.5	18.2	33.9	110.8
43	2	17.02	89.6	80	4.2	81.6	40.1	104.7
89	13	18.02	91.2	80	4.2	112.5	61.8	202.5
57	11	24.76	137.8	70	5.5	155.9	37.6	187.8
60	4	15.77	98.7	60	4.3	124.7	41.4	182.9
39	16	22.86	102.5	74	4.4	127.2	49.5	103.8
37	7	18.79	95	67	4.3	35.2	37.8	90
25	4	29.93	62.3	78	4.1	91	43.1	66.8
46	10	29.63	117.8	96	4.5	154.6	52	167.2
57	6	25.2	138	73	5.1	129.9	60.8	73.5
47	16	15.6	91.1	75	4.7	84.6	38.5	187.3
72	2	25.58	108.2	87	4.2	103.4	37.7	115.6
33	4	28.97	82.7	89	4.6	129.4	67.1	124.1
63	4	31.86	102	88	4.9	128.6	40.3	135.1
79	10	37.52	119.6	115	4.8	96.2	38.8	87.2
24	11	33.71	98.4	77	4.6	92.7	20.1	195.3
62	7	27.99	96	105	4.9	113.3	66.6	93.4
76	15	25.29	111.3	87	4.8	129.2	70.6	136.4
73	4	22.54	109.6	79	4.3	88.2	49.7	200.5
65	2	35.13	102	88	4.9	44.5	52.9	53.3
44	8	28	91.5	84	4	97.6	50	82.2
70	16	30.78	112.9	93	4.5	62.1	33.6	124
52	11	23.46	88.8	65	4.6	158	59.3	147.2
68	4	19.55	98.4	70	4.2	71.4	70.5	177.8
54	4	24.6	103.1	61	4.8	96.5	50	155.7
74	16	25.18	106	76	4.6	78.7	60.7	172.5



25	13	28.15	83.7	76	4.4	84.5	36.9	167.8
37	0	22.58	88.4	76	4	125	35.5	177
70	7	27.15	135.9	86	5.1	131.6	57	81.7
29	14	34.07	85.8	92	4	119.7	72.9	124
66	4	16.96	108.9	63	4.4	129	40.9	142.3
34	4	15	50	65	4	84.2	47.3	158.8
81	14	34.48	139.9	103	5.1	67.1	57.9	134.9
59	8	18.22	106.7	70	5.1	77.5	43.3	137.4
46	11	24.72	77.6	78	4.1	112.9	57.3	124.9
36	2	30.65	109.6	78	4.7	136.5	35.7	148.4
28	13	26.64	76.6	61	4	63	56.5	263.4
67	9	26.56	129.2	77	5.6	89.3	46.5	153.3
88	6	27.43	99.9	81	4.7	91.8	26	93.9
75	16	42.11	133.3	111	5.4	76.8	34.5	197.8
51	13	37.68	127.8	106	4.9	117.9	54.9	61.3
37	16	22.84	99.9	88	4.5	130	70.3	163.4
67	12	33.31	126.5	93	4.7	173.6	30.3	151.1
27	11	30.03	106	79	4.8	159.2	65.3	229.4
49	10	26.88	95	101	4.2	123.7	56.2	162.1
69	13	21.55	86.2	76	4.5	86.2	64.4	224.8
32	11	29.71	122.4	75	4.7	121.2	47.7	150.9
20	6	25.16	92.8	70	4.3	41.4	59.5	169.9
54	11	24.72	94.1	77	4.4	119.8	77.7	119.3
57	4	22.4	73.5	71	4	111	52.9	130.5
89	0	33	153.8	90	5.1	102.3	35.3	180.8
57	12	22.39	117.2	94	4.7	76.6	71.7	210.5
73	15	22.43	103.1	89	4.6	123.8	58	62
40	16	31.67	98.4	103	4.6	70.3	53.7	253.8
28	16	26.13	87.4	85	4.2	131.7	76.8	172.6
81	4	26.3	114.9	91	4.8	118	71.1	133
25	3	33.2	115.4	68	4.9	112.9	57.2	173.5
73	2	34.88	114.2	93	4.8	70.5	36.4	122.6
77	16	15	84.7	70	4	80.4	44.5	187.5
27	16	26.23	88.2	65	4.2	55.4	52.9	184.5
56	15	18.54	94	60	4.1	125.2	49.6	156.4
45	2	24.68	109.9	69	4.7	101.1	42.9	104.6
66	5	26.96	116.6	86	5.1	83.9	47.1	151.3
53	13	24.87	127.5	97	5.1	95.9	65.8	159.6
30	11	20.85	66.8	61	4	131.5	53.1	194.9
53	12	20.54	114.5	81	4.5	65.8	42.9	122.1
43	8	31.37	94.9	78	4	86.8	59.9	132.5
21	10	36.21	102	86	4.5	52.6	58.4	214.1
81	8	15	101.3	74	4.5	68.4	49.5	235.1
55	2	25.03	120.2	98	4.6	92.5	33.4	152.4
39	9	31.39	101.4	60	4.8	132.5	48.2	211.8
19	3	26.8	94	65	4.3	119.3	49.8	149.9
48	7	20.32	84.9	75	4.4	129.7	63.2	91.6
28	15	24.13	52.8	76	4	119.9	39.3	118.6
63	2	28.81	113.5	78	4.9	71.2	45.9	115.1
79	5	25.16	96.2	89	4.8	150.8	73.1	131.2

86	13	26.71	140.5	93	4.8	122.3	46.4	132.4
81	5	26.89	138.5	107	4.8	153.9	49.6	256.1
27	12	23.85	73.7	73	4.2	150.2	77.4	114.8
57	8	31.9	102.5	91	4.4	97.3	36.6	99.4
41	2	24.14	84.3	69	4.7	85.3	69.7	210.3
61	4	20.97	105.4	83	4.3	33	44.3	70.4
77	3	40.38	152.3	109	5.2	105	53.3	163.7
79	4	26.53	168.7	85	6	98.8	54.4	148.9
34	2	15	67.4	60	4	80.8	46.5	132
82	14	34.53	136.4	101	5.1	85	35.9	107.9
74	15	34.51	160	108	6.1	115.6	40.1	96.7
72	9	29.74	124.8	89	4.5	43.5	46.9	180.6
70	12	30.79	105.3	95	4.6	138.4	38.3	205.6
73	4	39.96	146.5	104	5.3	126.2	49.9	117.4
26	3	21.22	91	69	4.2	89.3	38.6	141.1
39	2	27.8	95	82	4.1	97.7	36.5	93.4
30	14	38.82	129.6	87	4.7	109.5	26.3	154.3
65	1	40.09	148.3	115	5	124.4	75.3	121
35	14	24.8	85.2	61	4.7	160.9	48.5	160.3
57	3	39.06	154.9	115	5.8	84.2	39.9	144.5
34	5	31.82	93.9	89	4.7	140.9	35.3	87.1
32	8	35.97	119.5	97	4.5	93.4	41.8	155.4
32	12	31.62	95.2	68	4	88.1	22.1	146.9
80	8	28.83	97.3	94	4.5	92.3	41	119.5
56	3	40.26	138.9	120	5.5	132.5	60.6	192.2
30	16	23.83	116.6	71	4.7	82.8	40.3	144.8
49	9	38.41	125.5	101	4.9	103.2	59.3	169.8
26	5	39.36	94.3	83	4.3	84.6	63.7	238.5
57	10	35.18	127.2	83	4.7	87.1	59.7	244.5
37	15	26.57	84.4	81	4.4	140.5	50.5	87.6
80	3	28.47	137.7	87	5	99.7	67.6	186.4
61	7	19.35	90.8	69	4.1	80	66.9	140.9
55	15	24.28	74.5	81	4.2	87	39.4	166.4
77	8	30.72	132.6	104	4.7	108.4	37	208.2
88	12	18.44	109	87	4.9	98.4	43.4	186.1
65	11	25.21	103.4	86	5	100.1	45.3	144.2
35	8	38.67	104.3	105	4.1	91	67.6	201.1
33	16	26.07	120.5	87	5	131.3	62	126.2
72	1	33.2	120.6	98	4.8	117.3	52	162.2
56	16	30.4	127.3	107	4.6	93.3	52.6	185.9
85	6	25.15	110.9	80	4.9	103.9	33.6	189
76	3	26.07	125.4	74	5.1	75.6	66.5	65.3
79	16	28	121.3	107	5.1	97.8	52.7	109.4
30	1	15	70.4	60	4.2	79.3	34.3	111.8
23	9	32.68	89.5	60	4.1	105.9	24.7	138.8
77	9	26.29	124	87	5.2	96.9	30.9	185.3
31	12	32.89	127.4	98	5.3	92.8	51.1	161.8
71	16	29.33	103.6	90	4.2	104.3	11.8	193.7
21	12	26.02	75.1	60	4.5	109	32.5	239.9
56	15	28.19	153.5	84	5.4	132.7	57.2	151

89	6	28.21	110.9	95	4.9	123.4	43.4	162.3
42	16	35.86	109.4	91	4.9	128.5	23.4	215.3
49	10	27.38	125	76	5	89.4	40.5	100.8
76	11	28.73	141.7	87	5	108.6	48.5	173.7
80	0	19.43	67.4	88	4	152	64.1	151.1
55	9	26.72	117.4	78	4.6	97.1	56.8	76.6
70	10	35.73	128.5	104	5.1	103.9	56.3	198.7
84	12	29.57	123.9	99	4.7	104.3	60.8	214.3
45	0	20.51	106	66	4.7	96.9	24.9	196.8
20	9	21.16	72.1	60	4	138.6	68.7	112.8
39	10	22.55	81.9	74	4	86.7	68.7	259.9
55	6	33	113.7	77	4.6	132.4	40.8	200.3
89	8	32.26	128.8	123	5.2	123.1	5.1	185.3
89	12	15	104.7	71	4.9	98.2	69.9	196.8
79	14	26.51	137.4	87	4.8	87.7	8.7	179.4
74	0	27.89	124.2	99	4.7	99	55.7	136.9
23	12	21.23	78.8	65	4.6	134.8	43.2	173.4
49	6	24.66	107	75	4.4	132.3	41	183.1
27	3	34.99	120.2	75	5.2	124	43.5	154.8
20	7	29.45	102.6	79	4.6	97.4	52	113.5
76	13	24	101	81	4.1	101.3	17.8	160.5
66	8	25.88	116.1	107	5	118.8	47.1	198.7
76	4	25.63	82.5	87	4.6	92.9	28.6	149.9
48	13	28.69	129.4	62	5.5	125.1	42.4	205.8
86	6	18.42	127.8	90	5.2	104.6	52.4	135.9
79	2	22.98	123.8	76	5	130.4	63.1	148.7
69	11	33.21	144.6	99	5.2	57.6	39	63.6
58	16	26.56	106	99	4.5	81.8	76.9	171.2
48	10	21.9	81.5	72	4	90	36.6	50
39	7	22.15	70	70	4.3	112.4	37	153.7
21	1	31.33	113.3	90	4.5	88.7	65.4	167
30	15	23.89	76.5	87	4	165.4	46.3	151.7
62	10	30.07	110.5	90	4.6	63.4	52.7	84.8
59	13	23.24	104.3	100	4.5	130.6	42.7	191.6
66	16	20.22	97.9	60	4	136.9	44.4	229.5
37	2	28.47	104.4	72	4.4	114.9	55.2	252.7
71	5	26.42	86.2	84	4.2	90.5	69.1	151.1
53	3	31.11	110.2	101	5	99.4	52.1	138.6
18	15	32.3	111	84	4.8	124.5	56.4	88.6
32	10	24.85	84.2	68	4.1	52	64.7	174.3
34	2	29.09	87.2	70	4.4	81	43	226.5
41	7	24.67	109.2	62	4.8	83.9	35.3	143.9
75	9	30.8	117.7	101	4.6	116.3	34.6	194.1
89	14	28.4	129.1	93	4.7	132.7	36.7	50
40	8	23.26	88.4	85	4.6	159.4	34.3	101.7
63	5	22.75	102	66	4.6	44.1	66.5	178.2
89	14	28.61	149.7	101	5.2	69.2	21.7	74.2
25	12	33.97	114	86	4.5	89.7	58.9	110.3
76	5	32.41	109.5	93	5	116.7	31.6	115
76	2	21.34	100.1	77	4.7	122.9	76.9	177.3

30	15	21.97	77.8	70	4.5	64.6	56	157.5
56	4	22.86	102	78	4.5	111.3	36.9	122.7
45	5	23.42	108	67	4.2	23.2	41.9	124.4
78	12	16.1	96.7	80	4.6	108.8	48.7	97.9
33	8	31.74	105	97	4.4	99.2	59.5	152.6
19	15	24.26	50	67	4	97	55	174.6
34	7	29.77	121.4	88	4.6	88.2	49.8	190.8
47	10	25.11	96.2	78	4.2	97.3	39.4	235.6
30	15	26.86	97.6	101	4.8	109.6	45.7	178.4
30	11	22.89	89.6	71	4.4	149.8	70.1	98.8
60	16	26.83	97.1	93	4.1	61.4	81.9	177.4
38	8	21.77	83.9	83	4.3	91.8	66.5	79.8
72	2	26.87	103.1	83	4.7	116.2	35.7	142.1
57	10	35.74	145.7	105	5.8	98.2	71.5	155.3
32	15	30.12	67.9	91	4.2	103.7	45	189.2
69	11	28.75	102.7	96	4.1	82.4	50	186.9
70	12	19.08	93.3	85	4.7	124.8	31.1	140.3
69	11	30.4	142.8	87	4.9	34.8	51.7	150.5
47	9	30.99	121.1	110	4.6	70.2	38.2	196.2
50	14	28.61	82.6	61	4	158.7	70.6	93.7
74	12	28.29	116.8	84	4.5	63.1	88.2	208
69	13	26.16	122.6	74	5.3	73.8	50	174
26	3	30.9	133.2	99	5.4	76.4	57.2	57
71	8	35.38	126.2	101	5.2	83.8	45.4	165.5
18	3	28.98	74.2	67	4.4	99.4	51.8	205.2
61	3	21.17	102.7	71	4.4	132.4	41.1	251
26	3	21.63	80.6	60	4	114.3	54.7	124.8
49	9	31.36	119.2	96	5	92.9	56	177.4
32	1	21.22	93.8	76	4.7	152.5	54.5	179.8
29	8	28.21	100.7	82	5	87.5	61.2	179.6
74	16	24.93	119.8	80	4.8	101.7	44.5	141.2
25	4	20.57	103.2	81	4.9	103.6	90.3	148.3
89	1	31.99	129.1	110	5.4	125.4	40.2	133.7
44	8	31.24	91.1	70	4	65.5	40.1	163.7
79	4	18.87	106.9	78	4.8	69.3	12.3	178.6
29	10	29.89	80.1	69	4	128.3	61.4	109.3
82	8	29.01	107.2	110	4.6	153.5	7.1	174.2
59	11	32.02	106.2	89	5	89.1	44.9	172.7
79	12	28	101.7	79	4.8	62.1	38.7	154
28	5	35.56	127.6	88	5.1	64.3	28.4	117.6
60	10	26.24	108.2	101	5	131.1	51	96
34	10	25.37	103.3	84	4.2	49.4	76.5	70.7
49	14	21.15	99.5	69	4.2	101.9	60.9	86.9
57	16	21.4	93.2	75	4.1	94.7	38.6	84.3
40	4	20.85	101.1	81	4.8	79.7	79.9	181.4
73	4	28.31	110.9	106	5.1	74.2	39	50
23	5	25.39	84.8	60	4.3	120.9	66.4	157.2
67	12	28.98	105.8	93	5.1	123.3	23.9	86.8
54	4	19.74	112.5	70	5	135	46.5	185.4
81	10	21.87	107.6	80	4.7	114.5	32.2	232.2

71	9	21.76	113	95	4.9	100.2	81.2	168.2
89	1	40.02	140.8	101	5.7	104.9	39.6	194.1
66	3	26.01	122.7	94	4.5	129.7	34.7	175.4
28	14	26.6	103.8	60	4.2	48.8	57	80.5
66	11	26.54	86.7	80	4	113.3	46.3	188.6
38	12	36.32	116.7	94	5.2	82.7	82.2	174.7
83	7	17.32	102.9	65	5	111.3	54.6	173.9
80	6	26.64	113.8	113	4.6	69.1	51	155.8
45	10	17.26	102.8	60	5	125.5	60.8	122.6
34	16	15	53.7	60	4	117.6	46.7	163.8
23	9	22.59	75	61	4	78.8	53.6	205.2
36	7	29.47	89.2	88	4.6	86	37.4	111.7
73	14	22.21	121.4	92	5	83.2	40.7	143.3
45	14	29.37	90.8	81	4.3	101.7	36.3	134
83	16	27.64	94.3	97	4	160.9	55.9	158.7
55	11	26.17	111.3	87	4.2	45.5	40	188.1
54	9	34.59	119.1	81	5	109.8	61.7	158.9
85	9	23.42	129.9	87	4.7	112.9	37	222.5
66	14	29.28	128.7	85	5.3	84.1	35.5	128.3
60	3	16.18	86.7	60	4.4	49.8	53.6	183.6
53	3	27.59	85	87	4.2	94	52.1	130.3
75	7	25.46	95.4	98	4.6	63.5	62.9	99.6
30	8	19.91	53.2	67	4.1	116.7	32.3	223.4
69	0	29.39	116.2	67	4.6	58.5	26.9	139.5
75	12	22.57	97.8	79	4.5	98.5	68.2	111.9
49	2	37.39	121.6	89	5.3	76.9	29.7	127.3
77	3	15	96.1	91	4	133.5	62.4	195
75	13	28.49	148	89	5.2	147.1	14.7	211.5
73	1	27.26	124.7	74	5	89.2	58.5	222.3
45	3	25.31	99.2	79	4.5	68.5	49.8	130.5
18	4	23.82	58.2	75	4	150.2	56.1	142.4
59	10	27.41	109.7	87	4.6	95.9	61.5	160.7
65	2	33.37	137.5	89	5.3	109.4	64.2	93
57	1	16.97	93.3	65	4.3	96.4	57	162.7
80	2	22.16	93.6	92	4.6	93.8	62.5	141.8
89	9	20.7	105.3	86	4.9	85.2	66.8	233.4
21	8	20.42	77.4	85	4	43.3	69.1	129
55	13	29.06	104.5	89	4.5	153	57.8	148.6
44	1	30.54	98.8	71	4.7	105.9	35.8	236.8
26	16	33.39	72.6	83	4	97.6	46.2	115.5
33	14	30.63	91.2	78	4.7	127.8	48.5	159.4
73	10	31.12	127.5	81	5	83.2	39.8	184.7
48	16	18.53	99.2	71	4.6	111.1	32.8	125.5
31	10	35.9	113.4	86	4.4	76.9	63.9	193.7
42	2	25.74	113.4	80	5.1	89.6	54.5	138.6
51	6	33.2	115.7	111	4.7	117.5	40	147.9
84	0	18.74	91.3	80	4.5	108.2	50.6	61.3
41	12	25.55	89.5	88	4.2	90.2	54.5	158.3
43	8	32.66	119.3	87	4.4	121.9	32.7	111.7
37	14	27.17	93.8	84	4.3	76.7	38	105.3

81	15	22.48	100.8	87	4.2	72.6	45.3	189.6
27	2	34.86	84.9	91	4.1	86.4	47.7	172.4
84	8	19.97	93.5	81	4.2	93.1	26.1	96.9
41	11	26.88	93.3	95	4.1	90	61.2	84.2
22	15	30.84	89	87	4	87.2	50.5	54.3
84	11	39.57	131.5	113	5.4	127.1	46.3	211.5
75	8	24.25	134.4	95	5.4	145.1	39.3	50
44	4	25.34	106.7	80	4.4	96.1	34.8	166.9
32	12	24.33	122.5	85	4.9	117.8	50.2	84
52	1	28.43	83.8	74	4.1	77.9	52.4	200.4
70	15	30.53	125.8	116	4.9	97.2	79.5	196.1
61	3	33.56	116.1	98	4.6	113.9	80.9	110.5
43	8	31.54	109.9	76	4.4	74.8	42	120.7
64	6	24.02	132.8	90	5.5	122.5	35.6	144.4
51	9	31.88	88.2	104	4.6	78.2	31	119.2
67	4	27.55	105	79	4.5	130.6	51.3	197.3
29	2	31.47	91.2	79	4.5	125.5	31.3	151.1
21	8	31.81	90.6	92	4.3	133.5	29.3	197.6
65	10	36.78	99.4	108	4.1	130.7	39	140.1
72	10	24.87	130	82	5.4	158	40.9	222.8
18	16	23.73	101.3	66	4.2	115.2	38.9	73.2
83	12	29.68	134.6	84	5.4	56.6	25.7	128.3
47	8	34.1	96.6	83	4.5	103.9	48.6	183.6
20	16	27.35	93.9	60	4.6	86.3	48.4	109.5
38	15	34.49	126	87	5	59.1	70.1	92.1
66	12	31.14	126.1	101	5.2	138.4	31.4	63.6
79	3	25.79	115.3	87	4.3	90.8	57.9	165.4
55	3	30.38	134.4	101	4.7	55.3	76.8	196.3
32	7	24.39	79.1	67	4.5	80.7	28.2	132.5
69	15	28.43	113.8	76	5	168	33.6	179.5
63	13	20.56	107	89	5	141	31.1	246.2
42	3	26.59	103.9	84	4.5	121.9	56.7	196.5
38	4	33	118.4	101	4.8	118.9	56.1	190.9
22	1	31.6	107.2	78	4.7	72.9	64.3	128
87	4	30.73	137.8	116	5	70.6	51.2	130.3
64	13	28.72	109	79	4.9	116.7	77	167.9
85	14	27.96	113	92	5.1	147.7	58.1	148.7
35	15	19.4	83.4	71	4.6	69.5	68.9	173.6
38	9	25.76	118.2	73	4.9	97.1	52.3	50
40	8	28.1	100.8	84	4.4	107	44.2	120.5
81	16	20.25	115	95	5.1	85.6	47.3	205.1
84	6	16.49	101.7	81	4.8	94.7	70.6	56.9
57	0	33.77	151.5	93	5.9	69.1	61.9	111.7
27	12	27.31	91.1	89	4.5	109.3	61	137.9
69	5	28.26	125.1	96	5.4	105.2	64.9	58.8
89	5	30.33	119.4	100	4.5	118.5	54	179.2
78	7	21.11	89.4	82	4.5	93.9	92.2	169.5
81	10	24.58	114.6	85	4.4	121.4	46.6	50.7
22	7	36.02	125.8	97	5.3	110.2	51.6	133.4
70	9	24.07	117.6	93	5	137.1	43.3	137.1

72	0	25.4	80.5	100	4	92.1	57.5	182.3
54	14	22.98	109	82	4.8	128.3	23.6	186.7
73	1	22.55	83.6	78	4	93.3	5.6	190.6
76	3	33.63	142.9	104	5	119.2	40.3	202.7
86	2	15	106.2	70	4.3	139.9	58.8	160.4
76	8	24.26	109.3	88	4.7	135.2	65.4	225.3
19	13	28.35	102.1	90	4.2	93.9	31.1	179.2
82	1	37.18	136.4	120	4.9	84.2	25	147.9
77	12	20.19	106.1	90	4.4	129.1	39.2	237
68	3	19.17	75.8	76	4	86.4	38.9	112.4
47	8	21.84	88.3	83	4	129.7	53.3	155.3
28	9	31.21	115.3	76	4.9	64.1	51.9	160.6
56	3	27.75	88.5	71	4.4	114.2	72	176.1
89	7	18.34	118.5	84	5.3	89	43.8	126.9
80	16	27.6	89.9	89	4	50	30.1	118.8
81	10	36.31	120.3	124	5.3	76.8	54.6	207.3
78	10	28.59	116.5	110	4.7	88.4	35.5	92.6
71	2	27.99	118.8	84	4.8	157.7	35.7	211.1
75	14	28.35	110.6	99	4.6	10.1	75.5	145.8
73	3	29.49	111.5	74	4.4	90	64	162.6
51	4	19.4	105.9	75	4.6	89.5	43.6	124.9
48	10	25.61	118.1	83	5.1	70.9	77.3	139.4
69	15	25.92	105	77	5	88.4	62.4	200.5
18	6	24.1	76.3	71	4.5	95.6	55.8	127.3
72	3	31.12	118.9	86	5.2	79.9	39.8	61.8
39	5	23.2	124.2	83	5.1	110.7	19.1	152.4
57	8	24.84	103.4	84	4.6	147.5	37.2	112.9
18	13	19.44	96.4	77	4.8	98.5	42.6	103.6
82	6	29.27	135.5	81	5.4	79.4	32	117
80	1	32.65	128.7	92	4.7	96.7	51.9	257.6
71	14	24.83	100.4	81	4.7	89.6	19.4	140.9
59	15	31.84	129.9	98	5	132.9	70	125.8
38	3	26.12	84.4	81	4.3	86.1	43.1	192.3
39	16	15	68.7	66	4.3	114.6	61.1	177.2
55	13	26.69	115.8	78	5	108.7	60.9	208
25	2	25.95	85.8	60	4.7	103.2	31.5	222.6
79	10	27.62	113.8	85	5.1	65.9	23.9	272.8
64	3	28.52	109.4	104	4.3	81.6	40.4	113
34	14	22.9	77.5	66	4	94.3	55.6	199
34	2	35.83	120.4	93	4.8	64.3	52	114.3
30	0	26.6	93.7	77	4.7	70.6	67.5	140.6
34	1	25.8	73.3	78	4	85.6	55.9	176.5
55	5	31.47	108.1	78	4.9	110.3	57	153.8
62	2	27.11	104.7	95	4.6	142.2	37.9	167.8
23	8	42.4	115.7	97	5.1	108	46.2	141.1
52	0	25.74	111.5	105	4.4	103.8	46.6	105
31	13	29.11	88.2	77	4	102.1	59.3	188.8
89	1	22.51	155.1	98	5.3	89.8	61.3	91
78	11	32.22	149.2	95	5.5	97.1	46.5	221.8
32	5	28.85	119.4	100	4.7	116.9	47	147.7

71	3	24.97	94.9	94	4.7	128.4	55.3	201
44	0	21.77	60.1	61	4	26.8	79	247.1
30	13	19.14	73.2	79	4.1	121.6	23.9	160.1
48	6	29.51	112.4	94	5.2	91.2	36.1	97.8
52	4	18.68	85.9	66	4.3	114.8	36.8	209.6
77	5	34.85	125.3	87	4.7	110.8	30.3	138
23	15	19.42	50	76	4	96	38.1	91
86	11	25.93	109.8	109	4.2	115.8	55.7	197.6
75	2	21.71	102.3	94	4.3	108.6	64.2	180.8
66	0	27.2	105	97	4.5	98.9	53.5	158.8
40	16	27.16	91.8	86	4	96.7	53.2	109.2
51	12	29.67	97.9	98	4.6	70.4	36.2	212.1
43	13	17.84	107	65	4.7	100.4	10.1	202.6
64	6	22.42	112.5	62	4.7	40.3	55.6	148.7
22	15	32.82	116	91	4.6	108.6	70	230.4
37	1	30.95	109.5	89	4.6	122.5	64.4	199
23	12	15	50	60	4	56.5	48.6	115.5
87	2	29.26	138.1	76	5	91.7	51.2	126.6
76	11	20.81	124.8	82	4.8	142.6	71.1	167.8
81	13	23.45	134.8	85	5.3	165.5	39.6	141.8
35	16	25.64	103.1	74	4.7	97.1	43.2	161.8
21	13	36.34	108.2	94	4.5	101.9	23	99.4
34	16	20.74	83.5	61	4.6	97.9	57	115.5
31	6	18.58	85.4	72	4	104.5	42.5	153.7
30	4	29.7	74.8	88	4.2	137.1	45.5	162.8
24	14	26.83	100.2	60	4.1	100.1	60.2	160.7
61	4	34.24	116.7	96	5	58.9	38.7	85.9
32	14	24.88	123.9	76	4.9	107.7	57.5	158.1
36	15	34.26	107	97	4.7	88.5	58.2	199.9
80	10	27.1	122.1	98	4.6	66.4	44.6	129.7
52	3	30.17	113.5	71	4.7	66.4	62.6	115.1
52	15	36.74	114.1	99	5	96.7	48.5	128.1
36	5	26	101.9	75	4.8	118.8	60.7	133.9
37	5	33.27	115.2	99	4.5	117.1	40.8	209.1
52	13	23.32	113	66	4.6	136.2	58.8	86.7
49	15	28.37	117	85	4.3	77.3	44.7	100
65	6	18.33	97	83	4	88.9	55	50
61	9	23.97	91.2	89	4	119.1	55.3	209
41	1	20.65	75	69	4	121.6	44	165.2
78	5	34.32	157.5	114	5.9	84.4	43.6	88
34	8	37.43	118.2	87	4.9	79.4	46.8	139
88	16	24.87	149.9	99	5.8	114.1	51.1	172.5
67	9	22.36	90.9	90	4.6	126.4	58.6	179.6
82	5	19.12	137.1	67	5.3	92.9	53.6	200.6
49	14	28.59	92.5	98	4.3	113.8	5	69
53	11	23.39	91.7	62	4.8	100.1	62.8	203
30	7	23.71	94.1	76	4.5	80.5	56	65.2
87	1	36.78	157	104	5.6	122.1	67.7	198.6
75	7	25.22	123.1	98	5.3	93.2	62.7	192.9
31	14	30.52	72.8	86	4	54.5	43.7	269.6



54	3	27.32	98.1	103	4.6	80.3	32.5	130
85	1	18.87	88.1	93	4	32.5	77.1	113
57	4	15.93	64.6	70	4.1	181.1	69.2	164.7
76	8	29.93	122.6	107	5.2	139	61.2	158.3
33	12	37.22	84.3	92	4.2	60.4	38.1	260.8
79	7	28.89	137.3	84	5.4	82.3	30.5	79.5
21	11	30.74	108.2	75	4.9	106.8	43.5	114.1
62	4	21.57	123.4	77	5	148	62.9	97.2
45	0	33.09	97.7	60	4.9	121.7	13.9	171.9
83	8	33.02	118	116	4.8	106.6	39.1	126.9
48	0	22.82	110.4	75	5.1	82.3	90.2	171.8
20	2	30.27	112.5	89	4.8	114.3	44.7	182.2
25	12	16.4	90.5	61	4.2	113.1	50.6	177.6
41	8	31.34	125.5	71	4.5	101	49.6	147.1
32	2	23.57	91.4	73	4.1	97.6	75.9	185.3
60	9	19.64	87.4	74	4.6	86.6	45.2	159.2
48	5	29.42	118.9	79	4.8	138.6	23.1	127.4
62	2	16.37	82.1	67	4.1	49.3	65.5	125.1
83	9	29.05	126.2	96	5	109.3	34	136.7
25	6	20.21	72.2	60	4	100.5	27.6	224.1
88	14	18.92	110.8	86	4.7	40.9	72.9	151.6
74	7	27.36	135.4	97	5.1	88.7	61.1	155.2
47	9	25.96	95.2	86	4.8	69.4	44.5	146
35	4	35.74	106.5	89	4.7	69	67.3	99.5
86	13	19.29	105	102	4.9	76.5	64.6	68
56	7	35.25	105.8	102	4.8	137.4	39.8	167.6
77	2	20.17	113.8	77	4.5	98.2	52.9	105
60	4	32.52	121.8	82	5.3	122.4	48.4	173
62	0	33.64	122.7	83	4.5	63.9	40	149.8
40	4	28.93	107.8	87	4.6	81.4	50.7	201.9
86	2	22.25	90.4	94	4	87.2	61.5	189.7
23	10	17.86	93.2	62	4.4	104.8	36	181.9
73	4	15.29	84.3	72	4	116	62.3	104.9
21	9	38.11	106.1	88	4.8	108.1	22.1	50
40	16	25.22	108.4	82	5.1	75.8	53.3	212.7
23	1	20.37	86.4	60	4.4	122.2	39	154
49	0	20.14	119.8	72	4.8	81.7	73.7	144.4
35	13	28.01	84	81	4.3	108	25.8	138.1
32	5	24.63	76.2	80	4.4	58.8	46.4	177
57	6	15.48	66.5	60	4	92.3	37.5	209.5
23	3	32.19	102.9	73	4.2	115.5	41.5	122.3
80	8	29.01	119	96	4.5	103.1	32.9	68.8
84	16	38.04	132.7	112	5.1	75.5	52.6	239
28	13	33.84	105.7	87	4.8	116.3	53.4	169.5
60	14	15	69.5	60	4	76.7	24.1	172.4
34	13	35.5	136.2	94	5.2	47.6	59.3	50
21	1	34.24	93.5	111	4.6	131	26.2	163.6
80	1	22.58	101.6	95	4.7	69.9	50.4	51.1
85	13	24.4	80.5	70	4.2	123.7	76.4	135
58	1	29.47	88.3	85	4	92.9	37.1	184.8

22	12	20.91	69	64	4	119.4	45.5	166
49	15	25.54	96	77	4.3	76.4	38.2	185.3
87	8	33	145.3	91	5.7	125.6	39.9	122.9
52	1	30.11	88.8	79	4.6	83.6	54.7	104.3
39	12	23	97.3	83	4.2	91.8	74.2	132.7
82	7	33.14	141.6	109	4.9	35.3	49.5	148.7
39	5	28.82	112.3	81	5	51.4	67.9	121.1
28	11	28.61	111.8	88	4.6	122.7	39.1	144.9
20	8	23.91	65.4	63	4	80	66.6	150.7
26	9	26.96	100	72	4.1	41.2	74.9	163.1
77	15	22.36	134.7	80	4.7	81.3	68.3	257.8
31	4	15.36	92.2	60	4.3	116.1	60.9	101.5
35	16	25.32	121.5	73	4.8	64.1	59.5	185.1
40	2	26.27	101.2	95	4.7	131.1	38.6	151.5
64	13	27.82	103.8	104	5.1	83.5	27.9	241.3
86	11	34.27	98.6	106	4.2	88.4	60	106.8
64	0	23.09	84.5	79	4	76.8	38.2	138.7
47	3	24.79	90.2	96	4.1	43.6	39.4	131.8
42	16	31.6	104	85	4.5	90.7	27.7	50
45	3	22.48	80.6	70	4.3	97.1	41.4	150.1
42	10	27.92	106.9	92	4.5	110.7	66.3	156.1
75	11	24.55	114.5	70	4.4	76.5	64.3	118.4
58	3	25.54	105.7	82	4.8	50.4	30.2	50
42	9	31.55	120.9	87	5.2	150.8	35.5	194.6
65	15	24.76	100	89	4.2	104.8	23	235.8
27	14	31.74	118.4	77	4.5	97	55.5	212.5
28	10	15.29	51.5	60	4	130.9	52.8	151.7
38	1	18.42	76.3	67	4	70	54.1	143.1
62	2	15	90.8	66	4.2	65.1	43.3	211.6
24	6	20.01	50	63	4	118.2	59.9	211
81	1	38.14	134.2	117	4.9	153.1	45.6	159.6
81	2	26.89	130	98	5.4	56.8	64.4	153.8
19	13	22.67	73.4	72	4.1	98	33.6	182.6
59	11	31.7	90.6	76	4	109.1	63	159.6
71	14	32.54	112.3	102	4.8	112.2	56.5	217.2
33	9	19.67	60.7	60	4	89.3	59.9	178.4
35	9	41.99	133.9	121	4.9	70.9	45.1	185.6
76	1	28.66	122.1	93	4.6	36.3	76.3	183.4
33	15	29.41	76.9	80	4.1	158.8	39.3	145.6
23	5	29.98	71.9	95	4.1	146.4	84.2	240.3
74	14	29.97	111.1	107	4.7	78.3	56.7	145.8
64	2	23.27	104	79	4.2	98.7	67.2	141.2
65	2	39.68	126.8	95	5.5	79.8	71.8	137.5
59	4	25.29	110.3	65	4.9	89.1	61.7	239.7
77	12	32.75	133.7	89	5.3	93.8	78.1	66.4
21	5	24.15	91.8	73	4.5	61.6	64.2	119.6
19	6	23.09	59.5	66	4	95.9	61	185.9
76	13	38.41	135.7	99	5.7	101.5	57.1	167.8
44	8	26.35	115.8	76	4.4	48.9	55.8	162.5
44	5	26.8	90.5	98	4.5	76.5	66.8	172.2

89	3	28.7	114.7	108	4.7	55.9	37.5	207.7
24	2	42.61	114.9	116	5.2	66.6	47.7	161.8
80	9	40.01	137.3	105	5.5	91	57.6	159.7
63	2	34.7	127.7	107	5.1	93.5	39.1	216.9
80	1	44.12	144.5	125	5.8	93.7	64.5	161.9
29	2	21.33	51.9	83	4	160.9	46.8	186.9
30	6	30.94	119.7	83	4.4	107.6	30.8	50
60	8	27.45	117.5	79	4.5	109.8	40.9	128.5
34	6	16.39	77	60	4.2	101.9	64.4	115.4
80	6	29.78	123.1	96	5.4	55.1	34.4	113.7
53	2	24.06	94.8	80	4.3	94.7	35.6	132.7
25	8	36.2	97.9	92	4	98.5	57.8	131.3
86	5	24.63	89.1	76	4.4	120.6	30.2	194.5
53	0	24.29	124.5	93	4.7	65.2	58.5	112.5
45	5	36.2	120.2	82	5	81.4	19.1	197.7
64	10	26.61	86.1	100	4.1	65.9	57.1	188.7
47	8	33.98	101.1	89	4.6	78.4	48.6	97.4
40	8	29.55	108.7	102	5.1	89.6	74.5	77.9
33	3	29.63	105	64	4.6	62.6	20.8	135.4
31	2	25.54	80.4	87	4	123.3	40.3	207.9
88	0	30.01	112.9	89	4.8	68.9	57.8	165.5
69	16	26.21	103.3	76	4.4	119.2	49.3	241
54	1	22.18	67.4	94	4.1	85.1	42.5	79.2
46	11	26.37	93.6	88	4.3	84.4	23.5	86.7
84	9	34.73	129.5	90	5.3	124.3	56.3	93.7
32	7	30.22	124.3	84	5.4	117.8	84	185.5
64	14	31.61	113.5	108	4.6	112.6	38.9	184.2
63	4	27.01	114.3	92	5.3	47.1	51.1	175.2
69	2	15.37	114.2	72	4.4	135.7	55.3	164.5
36	0	19.67	66.3	79	4	143.1	44	224.3
38	0	25.27	85.2	80	4	91.1	49.4	148.6
81	0	20.19	97.8	65	4.2	70.1	34.5	207.3
54	15	23.85	74.6	80	4.1	62.7	29.2	264
44	2	23.64	90.4	81	4	89.9	72.5	117.2
72	10	23.82	126.1	87	4.6	66.2	48.2	127
46	10	35.62	131.9	91	4.9	92.3	58.2	54.5
37	13	26.68	114.6	83	4.9	82.2	56.6	184.7
42	13	32.61	101.7	91	4	58.8	35.7	134
87	2	27.98	107.5	76	4.6	78.7	30.4	146.2
80	15	35.49	169.8	91	6	101.5	40.7	250.9
53	13	33.13	121	96	4.8	71.6	53.3	181.4
19	15	23.45	57.2	76	4	88.4	37.6	107.9
39	4	38.77	160.4	90	5.8	125.8	43	131.1
33	11	24.27	88.7	81	4.4	76.4	19.9	114.2
35	10	28.2	54.7	85	4	71.1	49.4	169.6
86	0	29.26	148.3	95	5.7	102.6	51.1	159.6
71	5	29.93	85.7	98	4	133.9	49.9	216.1
47	10	31.78	116.4	93	5	112	34.9	168
62	3	22.46	113.6	89	4.4	78.9	35.2	138.2
36	11	31.27	115.8	94	4.7	78.8	33.6	164.8

51	15	30.49	134.8	78	4.8	84.4	43.6	97.7
30	6	27	109.3	70	5	89.1	39.3	129.1
60	13	25.86	134.6	99	5.2	173.9	71.2	155.3
79	1	22.15	107.4	93	5.1	102.8	77.1	228.2
39	6	29.88	98.1	90	4.9	153.6	63.6	194.2
69	7	23.04	100.4	91	5	124.6	51.5	163.1
69	5	28.43	137	102	4.8	24	45.2	175.6
53	4	26.39	94.7	84	4.5	84.6	37.4	208.8
36	10	19	93.7	63	4.3	97.8	51	147.4
55	2	21.4	82.4	82	4.2	104.9	47.6	197.4
87	8	29.43	114.7	97	4.6	101.9	34.5	130.5
74	4	23.85	127.5	101	4.6	48.2	38.1	166.6
37	5	23.65	97.3	89	4.7	47.1	20.8	205.1
26	10	22.42	50.4	78	4	98.6	34.8	201.1
49	13	22.62	81.9	63	4.2	87.7	56	62.9
21	8	36.86	70.7	78	4	138.1	65.5	162.5
67	8	20.28	93.4	65	4.8	100.1	57.9	187.3
22	9	35.84	103.6	90	4.4	123	42.5	127.6
37	13	25.02	86.4	85	4.6	119.4	25	199
54	0	23.08	116.3	75	5.2	97.9	32.1	99.2
39	8	29.3	109.3	77	4.7	133	56.6	106.8
75	5	27.32	154.1	92	5.8	86	56.1	50
85	11	25.82	127.2	84	5.2	98.3	40.2	132
61	8	28.32	120.4	91	5	102	43.9	50
51	14	27.22	109	81	4.3	74.6	78.9	210
59	15	25.71	101.9	77	4.7	65.1	23.6	247.6
26	4	32.61	93.5	85	4	61.3	50.2	103.7
24	12	18.32	70.1	71	4.1	68.6	31.8	140.6
85	13	21.51	107.7	70	4.7	95.9	32.7	155.4
36	13	22.27	86.1	73	4	109.2	56.3	107.5
48	0	20.65	99.8	60	4.8	62.2	75.5	170.5
52	13	27.52	110.5	82	4.6	101.6	59.3	141.5
74	16	30.03	114.3	102	4.8	92.3	73.4	82.2
78	0	15.22	83.4	84	4	127.8	21	170.4
48	4	24.16	100.7	73	4.4	84.8	57.4	176.1
70	3	25.07	96.2	81	4.1	147.5	63.6	50
49	1	25.28	93.7	78	4.2	122.8	46.3	149.3
83	16	19.29	97.1	70	4.2	90	62.5	128.7
76	16	25.12	149.6	90	5	83.5	88.7	163.8
27	15	21.53	62.4	60	4	126.6	52.3	216.6
19	5	24.99	72.6	76	4	90	44.1	208.3
83	5	16.68	91.5	70	4.4	101.1	67	201.5
77	13	25.03	106.8	85	4.6	84.7	66.6	157.3
34	3	22.69	102.4	77	4.9	83.3	46	136.8
33	8	25.43	88.5	82	4	63.3	41.7	50
33	13	28.8	79.2	86	4.2	141.1	66.6	190.3
63	16	26.73	131.4	89	5.5	88.1	43.5	198.1
56	14	31.76	120.5	81	4.5	104	49.2	66.5
48	0	24.84	105	79	4.6	114.7	54.6	172.9
18	15	30.71	105.2	77	4.7	140.7	47.2	201.4

28	12	33.75	88	82	4	83.2	50.3	106.2
21	5	28.64	92.7	78	4.1	30.9	37.6	189.8
88	3	26.88	135.1	86	5.5	102.7	58.4	92.1
43	9	29.49	95.9	84	4.5	115	43.9	126.9
67	6	28.85	120.8	88	4.7	83.8	73	91.5
29	1	33.01	113.7	81	5	116.4	51.8	190.6
82	1	31.76	107.6	89	4.9	100	65.4	190.4
64	11	31.83	105.2	83	4.4	89.5	59.4	123.4
70	4	27.26	80.2	103	4.1	139.8	66.8	87.6
88	7	29.05	130.5	99	5.3	90.4	43.3	282
19	2	28.94	120.7	95	4.8	149.7	32.2	153.8
41	14	19.76	74.6	88	4.1	101	36.5	147.4
21	8	33.41	99.4	96	4.2	75	35.4	110.4
36	13	16.98	92.2	60	4.1	42.8	37.7	101.2
43	14	31.27	113	101	4.6	135.7	32.4	176.8
57	11	28.6	96.1	86	4.9	128.6	48.3	167.7
67	4	25.29	132	83	5.5	123.9	61.2	124.1
60	12	29.35	116.7	85	4.9	138.5	30.6	191.7
84	8	29.51	122.5	93	5	153.9	39.9	139.3
29	11	19.15	75.6	69	4	35.8	65.3	181.9
84	4	35.5	146.9	129	5.6	46.9	26.8	169.7
44	11	27.43	92.7	65	4.2	91.6	50	142.3
71	4	40.89	165.9	130	5.9	129.4	58.8	187.5
83	15	31.74	148.9	115	5.8	108.7	81.3	205
66	14	27.3	112.7	86	4.3	108.7	14.6	200.9
33	0	22.86	88.1	67	4.4	86.6	30.2	77.1
19	5	26.33	74.5	60	4.1	74.6	54.4	204.7
77	16	27.9	109.7	83	4.4	97.1	44.4	174.9
71	13	35.79	115	96	4.9	92.4	8.9	180.8
47	14	34.36	114.2	92	4.8	86.5	43.3	50
55	1	29.71	112.9	88	5	118.9	36.4	76.9
45	5	37.62	98.9	105	4.1	99.7	25.3	137.8
42	2	15	86.3	69	4.2	113.3	44.3	59.7
27	1	29.78	85	83	4.7	96.6	30.1	235.9
77	7	34.53	138.7	102	5.5	120.6	37	107.2
59	15	30.28	127.2	102	5.2	66.9	69.5	90.9
57	3	19	111.1	81	4.5	57.6	78	129.7
59	5	35.34	141.6	103	4.9	89.9	36.5	139
64	12	31.57	145	90	5.8	122.9	51.7	162.9
54	4	29.06	122.4	98	4.6	89.1	59.3	50
39	0	27.53	102.1	89	5	161	37.3	83.7
74	8	38.96	132.8	106	4.8	69.4	35.5	121.1
44	8	29.67	104.5	66	4.3	94.2	59.5	178
58	8	25.55	129.5	84	4.9	44.9	46.6	137.5
51	10	22.13	91.8	69	4.3	144.3	46.8	158.5
49	13	31.55	112.5	97	5	96.4	32.5	205.6
83	1	32.92	154.5	104	6.1	29.4	34.7	146
29	3	27.34	90.7	60	4.2	90.5	50.9	173.9
57	14	23.65	88.9	83	4	22.8	43.5	145.5
27	7	34.98	125.5	105	5.1	136.6	51.4	216.1

65	2	21.68	88.4	78	4.5	72.7	64.1	183.8
37	2	38.82	127.2	97	4.9	101.2	52.2	50
56	9	22.59	101.6	75	4.2	77.8	40.2	169.4
77	10	19.33	106.9	80	4.4	94	63.6	246.9
83	16	20.1	70.4	98	4.1	124.1	49.5	211.2
82	7	20.34	118.4	93	4.9	87.8	69.7	125.9
68	2	25.58	109.3	81	4.9	116.7	39.3	189
53	8	24.19	109.1	79	4.4	15.6	48.3	105.9
41	6	33.15	119.3	89	5.2	61.8	44.9	140.2
44	1	32.29	116.3	93	4.5	101.6	51.6	114.3
19	3	25.66	79.9	76	4	78.4	53.5	156.8
48	9	45.62	134.4	109	5.3	135.2	49.9	253.8
74	6	25.58	112.3	76	5	125.1	62.1	66.6
83	12	26.38	121.8	91	4.7	140.9	56.1	186
46	4	19.34	80.3	67	4.6	103	86.7	114.4
32	13	26.52	108.2	68	4.9	77.7	89.1	106.1
29	7	28.78	92.1	87	4.1	118.4	39.4	171.8
45	11	19.89	72.6	71	4.2	68.4	42.1	151.5
41	8	24.01	102.4	65	4.7	91.3	30.7	167.1
38	16	28.96	130.1	102	5.4	112.2	74.2	147.6
27	8	23.85	68.7	76	4.3	78.8	43.4	142.3
35	16	22.6	85.8	80	4.4	171.7	53.8	154.8
31	9	31.69	119.8	95	4.7	121.6	31.9	145.3
51	2	19.31	97.7	67	4.7	72.4	51.8	138.2
75	6	20.47	112.8	86	5	128.7	23.5	152.9
39	10	28.06	101.1	62	4.6	149	67.9	125
87	16	32.08	92.8	111	4.2	54.8	77.5	224
53	15	28.83	113	86	5.2	138.4	60.5	69.4
62	10	25.66	112.9	90	4.8	62.1	35.8	78.5
53	14	25.17	118.7	80	5	99.7	58.3	229.2
39	12	33.06	99.4	107	4.4	105.3	53	185.7
78	13	32.15	153.5	111	5.9	80.2	70.8	87.4
73	14	27.3	111.4	64	4.6	80.1	62.7	185.8
50	8	25.33	93.4	86	4.7	74.3	33.9	113.5
62	15	27.21	99.6	84	4.1	83.8	67.4	170.7
53	1	22.64	112.5	83	5	70.2	48.8	148.7
37	12	26.1	79.3	84	4.1	133.4	69.7	173.9
35	5	24.06	100.1	67	4.7	55.9	26.5	157.9
55	0	26.39	93.2	82	4.4	153.9	57.9	107.8
84	12	24.28	114.9	79	4.4	96	45.6	124.5
40	9	30.14	82.4	100	4.1	37.2	51.4	154.3
33	11	31.91	117.1	89	5.3	123.2	39.8	79.5
76	16	24.72	110.2	92	5	88.4	57.5	119.6
86	1	22.13	120.6	90	4.7	64.2	36	139
85	7	31.27	127.4	89	5.5	89.8	26.5	151.1
38	1	28.11	108.1	87	4.9	76.8	38.7	118.7
87	3	24.8	117.4	109	4.7	138.6	38.9	187.6
29	12	35.25	121.1	74	5	76.6	45.3	73
33	4	23.61	96.7	74	4.4	60.3	60.7	151
31	15	15.04	73.5	67	4	78.7	36	179.8

78	5	22.75	96	78	4.7	70.2	61.8	301.8
88	8	36.71	135.9	116	4.9	132.3	58.7	83.2
63	15	25.09	95.1	84	4.4	106	65.1	50.8
49	5	23.91	118.8	71	5.1	56	44.5	199
32	15	27.16	107	60	5.1	68.3	73.4	171.9
61	7	33.07	122.2	94	4.5	86.6	45.5	167.5
34	15	26.5	86.6	77	4.1	44.7	63.5	51.4
58	2	30.55	103.3	104	4.7	66.8	75.1	138.3
71	6	25.86	114.1	91	5.1	109.7	68.1	162.5
61	0	30.6	144.3	86	5.8	154.4	48.3	81.6
22	8	28.08	92.2	61	4	44.9	33.4	76.7
44	3	24.61	114.2	86	4.9	181.8	35.6	116.8
60	16	28.55	116.2	89	4.3	111.2	35.2	107.9
48	7	23.74	104.9	74	4.9	66	39.7	182
34	12	18.73	72.3	60	4	145.8	49.5	124.3
71	7	26.88	111.3	102	5.1	112.6	59.7	99
79	1	19.26	90.6	94	4	125.4	61.7	256.2
49	9	30.58	115.2	82	5.1	124.8	64.4	179.2
57	11	26.78	103.4	62	4.4	132.3	63.5	171
30	14	35.54	116.5	88	4.9	62.5	48.2	101.5
52	13	25.02	86.3	83	4.3	124.2	59.8	96.3
22	4	26.88	96.6	75	4.1	101.6	46	134.1
46	14	18.18	86.9	60	4	117.4	54.6	215.6
87	5	20.38	111.3	100	4.3	79.7	46.6	92.8
42	12	16.93	85.7	60	4	80.6	49.7	53.5
39	15	33.46	107.9	82	4.4	82.6	44.8	67.6
83	1	24.24	172.1	79	6	121.9	23.3	56.8
62	4	34.96	132.9	88	5.4	97.5	46	114.1
86	7	15	99.6	60	4.8	83.8	59	210.3
89	9	36.29	153.2	109	5.1	89.9	64.2	52.5
18	5	26.59	79.4	87	4	137.5	57.4	145.4
61	16	29.04	105.3	88	4.9	114.8	35.7	116
56	6	20.62	106.2	65	4.6	113.8	42.5	140.5
71	15	30.16	134.2	108	4.9	108	25.9	118.7
46	3	24.76	115.4	87	4.7	132.2	60.2	50
71	16	19.84	78.8	70	4	68.3	36.6	125
33	16	19.75	79.1	70	4	126.6	55.6	196.8
37	4	19.65	87.7	79	4.5	102.3	56.7	158.9
63	10	29.28	125.9	81	4.8	72	36.7	135.9
84	15	23.19	121.3	89	5.4	99.4	54.1	186.2
82	9	17.16	87.6	74	4.6	91.8	77.2	139.2
75	0	29.22	128.7	82	5.3	110.2	44.7	112.9
70	1	15	94.8	73	4.2	127	66.3	108.8
18	2	34.97	108.7	90	4.5	66.1	54	137.1
83	9	38.92	127.9	111	5	151.5	54.6	220.5
46	9	19.13	72.2	62	4	49.6	48.6	97.1
87	15	33.31	162.3	125	6.1	77.8	64	98.1
25	15	29.09	110.5	74	4.3	159.1	47.6	195.7
46	9	24	95.1	83	4.6	55.5	59	159
68	11	24.28	106.9	92	4.7	82.2	64	224

50	7	30.93	145.2	64	5.7	76.7	65.2	223.2
20	8	26.76	89.2	82	4.3	27.4	58.5	191.8
77	2	15	91.7	73	4.5	96.7	61.4	189.6
52	7	39.44	118	100	5.3	113.3	50.4	154.1
86	14	29.6	123.7	96	4.6	113.2	43.6	59.1
37	15	26.69	71.6	84	4	82.2	54.9	106.3
56	16	22.69	106.2	60	4.5	40.5	55.1	111.5
21	7	25.87	106.1	73	4.6	78.9	55	203.3
36	8	34.62	131.3	95	4.8	72.7	66.7	238
62	16	28.57	102.6	111	4.1	107.4	50.5	150.4
60	11	29.25	79.1	76	4	82.6	29.7	162
30	4	19.5	84.1	70	4.4	111.7	19.5	119.8
30	5	24.9	109.6	69	4.7	41.6	52.8	137.1
77	13	27.31	94.1	96	4.7	118.2	65.4	128.3
74	2	31.18	118.8	105	4.7	114.5	46.9	237.1
69	1	24.51	113.9	78	5	66.1	78.2	228.5
70	11	32.57	112.5	117	4.7	77.5	52.5	83.2
60	12	20.13	69.3	89	4	89.3	86.1	156
89	12	27.42	113.2	103	4.6	131.4	48.7	136.4
89	8	26.41	113.8	90	4.4	90.2	73.7	50
59	8	17.91	62	67	4.2	109.1	43.9	215.6
43	4	26.71	116	85	5.2	98.9	66.1	273.7
40	16	23.5	115.3	71	4.6	126.3	59	199.9
60	11	35.48	126.4	93	5.5	104.1	55.4	131.4
45	6	24.54	107.5	97	4.5	61.8	55.3	214.3
26	9	29.11	74	84	4	91.3	71.4	173.7
37	3	19.61	80.6	76	4.4	129.2	47.6	249.4
73	11	28.42	109.7	111	4.5	108.9	51.9	167.6
56	16	24.51	108.2	82	4.5	62.5	91.2	150
68	7	22.34	63.2	75	4	152.5	58.4	147.5
29	13	44	122.9	91	4.9	81.1	68.8	136
72	2	24.88	120.2	100	4.5	127.1	46.6	177.8
28	6	25.73	94	71	4	141.8	42.2	224.9
43	5	32.41	123.1	60	5.4	131.2	61.8	95.7
59	1	22.39	90.3	60	4.2	73	53.6	192
44	1	29.42	63.5	70	4	132.3	47.3	302.9
28	0	30.06	115.6	77	5.1	106.8	25	100.8
55	3	28.47	120.8	84	4.7	60.1	23.4	196.6
60	11	40.78	160.1	112	5.4	97.3	21.1	144.9
36	3	22.17	88.5	60	4.7	69.9	55.4	78.6
81	8	36.23	144.2	108	5.8	111.6	34.1	63.8
23	13	29.83	131.1	88	4.7	123.6	24.1	185.8
63	4	32.46	93.7	94	4.8	133.7	37	86.5
59	14	29.05	119.3	84	5.3	97.6	21.5	192.6
82	10	38.27	160.8	101	5.9	72.4	40.9	155
89	16	25.08	122.8	103	5	63.8	40.2	245.2
76	2	29.98	124	82	4.7	120.2	57.6	104.5
69	6	34.83	106.9	116	4.3	129.1	52.5	99.3
64	14	23.65	126.3	82	5.1	116.3	42.8	208.4
24	5	33	119	74	5.2	74.3	59.9	135.8



28	3	26.89	112	85	4.9	80.7	31.4	195.3
78	13	19.59	102.9	85	4.2	82.8	42.9	215.2
85	16	18.29	99.3	85	4.3	54.9	38.2	227.3
42	5	26.46	98.8	87	4.5	115.1	49.1	86.6
29	10	32.95	130.9	87	5.2	95.7	19	134.3
43	16	15	72.6	67	4	142.9	84.2	63.2
29	1	28.2	118.1	92	5	70.8	55.3	214.5
60	6	32.35	117.5	96	5.1	95.6	55.8	143
68	12	19.33	84.8	85	4	62.6	19.5	50
54	14	23.2	67.2	60	4	88.5	53.3	208.4
63	5	30.43	126	95	4.8	123.7	46.6	195.1
70	4	32.09	135.7	122	5.7	101.7	66.8	100.3
30	5	36.62	96	74	4.3	71	45.7	140.5
71	11	23.48	129.6	104	5.1	55	44.7	181.5
74	4	22.11	85.5	90	4.4	89.9	49.2	204.2
21	8	36.92	120	72	4.8	106.2	70.8	119.1
66	8	22.47	114.3	81	4.4	124.6	26.4	200.4
24	14	30.04	113.2	84	4.9	77.6	23.9	138.2
28	10	40.1	89.6	105	4.5	76.8	16.3	170.4
71	11	31.52	139.5	92	5.1	163.7	66.2	165.7
62	2	31.7	117.2	101	4.4	99.3	64.5	59.1
40	10	34.67	109.2	105	4.8	128.6	31.9	114.4
45	10	30.15	120.2	95	5.1	62	28.7	89.2
74	7	31.73	139.9	109	4.8	109.7	64.4	109.4
43	4	24.94	66.6	73	4	122.1	28.3	165.6
42	4	33.96	94.6	98	4.8	101.7	45.7	111.1
71	1	29.48	137.4	116	4.9	47.8	41.8	166.4
46	11	18.13	91.4	60	4.3	72.8	98.8	94.6
53	1	28.46	111.1	90	4.9	111	47.5	133.6
31	12	15	55.7	60	4	52.1	69.1	224.1
52	4	31.28	120.1	103	5.2	176	56.9	109.2
47	14	25.6	118	60	5.2	134.2	42.9	188.8
34	0	38.43	153.6	90	5.9	54.8	41.3	76.7
84	16	29.94	121.6	121	4.7	107.9	51.2	191.7
47	15	32.55	126.8	85	5.3	102.3	51.3	105.9
62	3	20.7	125.2	77	4.9	132.7	42.4	114.4
68	0	31.11	99.5	107	4.3	25.1	58.4	202.1
64	10	23.16	130.3	80	4.8	105.1	50.6	50
70	2	33.54	130.1	78	5.5	63.9	39.5	140.8
81	8	20.29	107.2	72	4.6	113.2	44.6	197
55	2	27.66	99.7	99	4.9	67.4	57.6	58.5
81	10	20.05	100.1	97	4.2	141.1	34.1	142.2
24	1	27.75	81.3	60	4.4	109.3	34.1	88.7
39	7	39.13	108.5	88	4.3	45.9	30.8	115.3
58	0	31.33	123.4	85	4.5	23.4	44.6	155.1
27	9	26.8	108.8	72	5.2	114.9	46.3	174.2
74	0	15	76.3	63	4	79.2	33.3	173.6
24	6	23.79	74.2	71	4	117.2	50	209.7
67	5	29.85	122	87	5.3	80.2	50.1	138
69	1	23.93	90.6	80	4.6	136.1	63.9	119.3

50	9	35.56	124.8	85	5	130.3	63.5	170.2
18	10	27.43	84.8	82	4.3	113	20	204.7
70	11	33.47	102.4	85	4.7	73	54.3	114.7
77	3	28.23	127	97	4.6	82.4	20.4	163.7
51	5	25.34	92.8	91	4.1	92.2	58.5	172.2
21	9	24.17	99.2	90	4.3	68.5	58.2	151.5
34	10	20.93	80.9	74	4	119.8	34.9	167.9
21	1	33.58	92	86	4.1	90.2	55	184.7
60	16	24.43	103.4	65	4.3	94.5	34.5	162.2
21	12	30.13	114.4	94	4.6	84.4	48	149.1
18	4	23.85	109.3	70	4.6	99.5	51.2	143.7
88	11	20.5	118.9	88	4.9	105.3	46	201.2
67	9	30.33	110.3	97	4.4	83.6	61.1	168.1
78	9	22.52	109.5	86	5	92.9	38.2	206.4
52	10	24.6	98.7	80	4.8	86	57.5	155.8
25	3	19.51	74.3	61	4	86.1	31.5	182.4
41	0	24.04	89.8	83	4	100.6	18.4	177.6
53	15	27.14	91.3	69	4.5	23.3	24.3	120.9
67	6	25.28	123.7	70	5.4	142.1	35.1	50
60	13	31.91	131.7	85	4.7	122.9	59.8	67.9
44	16	27.87	103.1	95	4.1	104.8	58.2	191.9
49	16	45.52	159.4	115	5.4	125.1	46.7	177.8
35	7	29.55	110.5	76	4.9	59.3	18.6	150.2
45	11	16.59	63.9	60	4.2	47.6	77.3	162.4
46	6	25.72	94.1	79	4.6	43.3	27.1	116.7
33	10	26.24	116.2	81	4.9	113	55.4	113.7
64	15	23.32	98.2	95	4.7	104.2	43.9	135.8
76	7	27.44	107.5	112	4.4	110.8	56	190.2
48	6	23.14	106.1	75	4.8	128.1	69.8	202
21	1	29	89.3	99	4.1	28.8	52.8	166.4
54	11	15.55	91.5	68	4.1	64	60.6	154.9
34	9	33.86	109.2	92	4.4	80.4	96.1	147.3
56	5	17.53	76.1	80	4.2	120	65.2	130.4
65	10	25.42	97.9	96	4.7	104.5	25.6	51.1
63	6	22.6	76.4	96	4.1	179	8.7	193.6
65	16	28.84	98.6	77	4	67.2	58	184.7
56	8	25.9	114.2	84	4.3	115.7	43	164.7
21	4	28.51	110.6	89	4.4	128.5	62	181
47	2	33.67	106.7	81	4.4	143.9	11.8	238.1
47	5	31.61	91.1	70	4.2	93.8	67.5	124.4
39	16	27.22	116	65	4.4	60.9	48.5	165.6
83	14	29.76	143.5	96	5.6	119.7	81.3	87.9
29	16	38.76	127.9	115	5.3	108.8	49.9	237
53	8	31.83	93.4	76	4.2	117.3	58	153.9
35	9	25.24	100.7	64	4.6	140.5	44.3	50
70	9	34.67	137.6	95	4.9	92.9	43.2	131.4
88	5	29.35	141.2	88	5.2	68.8	54.4	214.9
18	4	21.22	78.7	60	4.4	117	45.4	186.3
75	0	25.92	103.1	68	4.7	109.2	41.1	232.7
23	9	18.17	66.8	60	4	90.5	55.5	144.5

87	16	15	116.2	96	5.2	69.7	41.4	191.5
61	4	21.31	103.8	83	4.8	110.3	56	168.7
89	11	27.74	105.4	108	4.6	125.7	26.4	167.5
41	1	27.75	126.6	75	5.2	52.3	50.1	101.2
36	7	18.53	97.4	60	4.1	101.3	47.1	50
35	8	15	97.4	66	4.5	117.7	16.3	147.2
47	16	35.82	137.2	96	5.4	154	31.6	50
59	13	27.57	95.7	86	4.8	102	11.6	180
50	8	36.33	127.6	114	4.6	146.6	51.5	129
29	4	35.99	120.5	82	4.8	125.2	38	108.1
44	12	31.41	89.7	78	4.7	125.8	45.2	106.8
56	12	27.35	90.1	94	4	75.8	70	153.9
26	3	24.61	98.4	79	4.8	174.3	50	197.9
38	4	31.31	119	75	4.4	101.9	54.4	135.2
46	11	26.04	135.6	81	4.7	106.1	42.7	112.2
50	0	23.46	93	60	4.2	100.6	39	112.8
79	13	15	69.3	77	4.2	137.2	28.5	231
32	3	26.5	91.7	72	4	158.8	60.8	147.7
19	10	33.58	114.3	81	4.7	119.8	73.2	50
69	6	34.56	123.2	89	4.6	88.5	67.6	130.4
61	16	27.32	111.7	99	4.5	151	32.2	78.3
71	4	21.67	94.2	84	4.4	62.1	68.8	119.1
35	11	32.42	125.2	97	4.8	79.1	47.6	91.1
20	5	26.91	100	73	4.2	58.4	72.1	245.3
24	1	24.81	74.3	84	4	89	55.8	165.9
60	1	18.26	83.7	60	4.4	130.1	54.7	203.3
55	3	39.62	121.5	103	4.5	93.3	55.1	244.6
54	9	31.43	87	103	4.2	101.8	24.6	164.6
75	2	32.08	115.2	78	4.6	110.9	31	277.6
50	12	21.82	67	77	4	93.1	40.6	73.4
76	11	27.48	132	97	5.5	66.5	44.5	220.5
28	8	26.51	107.2	72	5.1	50.4	51.8	159.9
85	14	31.69	126.4	110	4.8	139.2	43.1	193.6
85	0	35.16	140.9	116	5.4	80.9	42.4	142.8
39	10	18.39	97.3	61	4.6	79.4	68.6	182.7
83	6	20.55	119.4	79	5.2	55.2	70.3	171.2
61	3	30.87	147.3	80	5.8	95.9	59.1	145.2
23	0	23.95	88.3	74	4.2	116.3	39.1	157.2
59	15	31.89	140.1	95	5.8	89.1	56.3	237.9
42	12	24.76	96.9	77	4.9	110.5	69.2	113.6
74	6	19.51	99.2	80	4.5	40.7	46.3	227.1
72	15	16.44	104.1	65	4.6	105.1	70.1	112.6
33	14	29.9	109.6	68	4.9	87.7	79	183.3
31	9	30.05	91.5	86	4.2	56.8	64.6	147.3
56	1	32.82	106.3	92	4.8	51.4	59.3	181.4
45	1	28.97	106.6	74	4.6	74.2	55.2	165.2
68	16	15	60.6	63	4	63.6	59.5	176.1
66	11	30.02	113.4	102	5.1	110.4	56.3	181.8
26	15	18.26	59.8	71	4.1	113.1	31.6	159.6
75	0	15.79	85.4	80	4	105.2	70	212.5

62	2	15.07	74.5	68	4.3	111.3	51.3	176.2
39	6	15	86	60	4.1	52.9	86.6	237.7
49	6	28.67	113.5	98	4.9	115.2	91.5	138.9
86	16	22.61	114	84	4.8	120	46.2	113.3
86	9	17.89	98	83	4.5	108.2	53.1	173
59	12	27.14	124.3	77	5	97.1	43.5	78.5
70	6	20.36	114.2	77	5.1	77.7	35.7	204.5
76	15	32.89	127.1	73	5.2	110.2	49.1	132.4
56	10	35.7	144.7	92	5.3	88.5	50.5	195.9
32	13	25.69	89.5	60	4.5	127.7	30.4	168.2
88	7	35.26	142.6	109	5.8	108.3	33.2	147.9
46	8	35.25	109.9	88	4.3	95	5.4	166.3
20	8	27.51	84.1	72	4.1	89.7	32.5	78.5
27	12	37.4	103.9	113	4.9	95.2	62.7	129.6
46	0	23.27	104.9	66	4.8	95.4	71.6	190.1
52	0	15.27	87.2	67	4.7	97.7	20.4	83.6
23	1	17.67	56	63	4	61.2	29.9	179.5
29	14	22.99	94	61	4.7	107.2	68.4	193.2
55	8	30.21	139.8	100	5.6	105.1	37.2	117.7
36	4	20.07	73.2	85	4.3	64.7	43.1	216.5
84	3	22.95	102.1	99	4.6	106.9	39.7	190.6
25	12	19.5	76.6	60	4	99.7	63.8	219
25	5	23.08	104.3	63	4.6	75.1	75.1	168.4
64	0	35.06	120.5	79	4.8	118.2	51.1	129.4
21	16	29.15	121.4	76	5	140.2	43.4	208.5
68	16	23.54	90.2	82	4.5	82.8	46.7	150.6
84	6	34.32	138.5	112	5.4	103.1	63.4	197
62	13	27.15	84.8	104	4	137.5	57.9	127.5
25	10	27.8	79.1	64	4.2	34.2	46.2	122.8
33	11	33.86	106	90	4.2	156.8	49.3	112.9
84	6	24.94	120.9	88	4.4	102.4	39.2	220.8
26	12	32.5	121.6	83	4.8	122.7	40	182.7
77	3	32.07	117.2	114	5.1	48.9	29	75.9
88	1	26.13	127.6	94	5.4	59.1	67.2	134.5
32	6	18.62	58.2	71	4	71.1	16	161.2
88	13	27.08	138.3	99	5.6	68.3	54.2	225.7
58	7	33.82	141.3	98	5	30.1	49.6	135.8
39	13	31.92	123.9	79	5.4	64.3	48.6	202.9
41	16	37.26	135.6	114	5.6	75.1	40.8	234.8
61	7	24.06	102.2	82	4.6	57	45.6	88
18	5	31.68	101.5	86	4.1	144.6	76.4	153.2
27	5	20.96	79	70	4	119.1	51.1	117.7
89	3	28.21	125.2	75	4.7	77.9	52.4	223
73	5	33.63	117.6	89	5	117.4	52.9	178.7
67	4	32.44	127.6	97	4.7	110.1	39.5	128.3
29	14	27.62	101	69	4.5	48.3	41.5	101.3
77	14	25.39	129.1	93	4.8	112.9	57.9	118.9
43	6	21.03	94.4	63	4.1	87.5	37.4	102.8
58	14	25.65	118.5	84	4.6	120.7	48.6	122.2
53	8	19.14	78.6	60	4	67.5	67.4	118.9

40	5	24.94	116.2	85	5	116.3	39.9	177.1
60	1	16.16	83.7	74	4	131.5	48.4	110.5
23	10	19.09	50	68	4	112	45.8	175.4
86	10	32.12	126.4	101	5.2	46.2	57.5	116.2
60	6	31.45	126.6	86	4.6	173.8	52.2	91.2
42	4	25.27	97.8	94	4.3	117.8	39.7	137.6
35	10	27.39	68.1	96	4	92.8	42	118.6
79	10	28.19	124.1	93	5.4	118.7	40.4	92.4
30	7	29.76	101.4	75	4.4	163.4	39.2	119.3
60	15	29.12	98.7	72	4.5	57.6	23.7	229.1
45	14	18.98	93.9	72	4.6	132.8	52.7	129.5
35	16	15	70.5	60	4.2	95	40	164.6
76	5	20.9	75.5	77	4.4	90.5	57.3	115.9
77	12	26.07	126.1	99	5	92.3	51.3	189.1
80	16	32.76	133.1	91	4.9	37.3	44.3	84.3
74	2	28.41	141.5	112	5.6	114.4	43.1	207.4
68	11	30.21	106.4	83	4.3	27.2	30.2	195.8
73	4	21.62	101.2	61	4.4	84.3	51.9	144.1
44	4	26.58	116.1	74	5	84.9	48.8	230.7
49	5	27.39	90.5	87	4.5	88.5	40.7	190.1
26	4	22.47	98.4	70	4.7	35.3	20.3	267.5
85	8	20.58	124.5	86	4.7	126.7	46.9	188.7
63	10	25.64	112.5	82	5.2	44.8	48	95.3
84	13	30.97	126.5	94	4.7	72.2	66.5	117.9
43	10	21.57	79.9	60	4	83.6	50.6	196
25	7	25.75	78.2	75	4.2	90.6	67.9	75.6
23	16	35.13	111.4	98	5.1	111.4	40.6	146.8
41	8	23.88	50.1	76	4	100.6	46	50
65	7	27.04	103.2	80	4.7	157.9	34.9	197
62	7	26.37	98.3	87	4.5	110.4	46	144.5
30	5	25.87	76.9	90	4	108.3	62.4	128.5
86	8	37.01	144.8	107	5.6	82.7	62.8	146
42	4	28.83	81.6	71	4	109.1	53.3	114.5
37	8	17.58	96.7	67	4.9	85.3	29.8	95.2
83	1	36.17	152.5	113	5.2	85.6	28.9	152.3
62	14	28.65	133.7	98	5	195.1	46.3	129.3
64	0	24.76	98.6	91	4.5	146.3	39.8	100.5
80	6	35.1	138.3	106	5.2	73.9	59.9	245.2
72	8	22.33	118	74	4.8	119.5	57.1	145.2
36	12	37.29	115.6	84	4.6	108.1	55.2	128.7
52	7	27.56	97.6	81	4.1	80.1	41.4	148.1
70	7	33.03	127.9	104	5.4	162.5	52.2	145.3
43	4	45.41	134.2	102	5.1	94	55	139.6
31	13	28.08	80.6	74	4.2	141.6	44.9	78.8
62	13	26.42	73.1	77	4	80.2	46.4	216.3
61	8	20.6	82.8	92	4.2	133	54.6	109
82	16	26.28	83.2	89	4.4	140.1	33.6	229.3
68	11	20.78	87.5	86	4.4	70.9	41.3	91.3
60	5	25.88	128	100	4.8	90.1	40.1	196.1
40	6	44.37	106	97	4.7	97.4	64.8	201.9

73	2	27.72	123.7	99	4.7	149	42	153.8
36	16	23.68	108.7	73	4.8	146.6	50.4	60.9
72	12	25.74	88.9	102	4.2	88.1	59.7	155.5
77	10	24.53	139.5	79	4.8	88.5	38.6	215.5
76	11	33.29	128.4	102	5.3	107.4	63.1	81.2
50	12	26.46	123.3	89	4.7	52.9	64.4	130.8
36	6	36.65	120.4	86	5.3	138.2	18.1	103.6
45	15	25.1	90.8	77	4.1	74.1	55.3	176.7
69	8	25.49	66.9	85	4.3	102.9	65.5	231.9
66	2	21.62	84.5	91	4.2	142	44.2	149.7
54	10	24.7	111.6	103	4.3	113.4	58.1	113.4
43	7	16.6	102.8	81	4.1	88.1	30.1	244.4
57	15	15	62.4	81	4	69.3	26.2	161.4
55	16	30.75	113.1	60	4.3	98.4	43.6	148.5
71	5	16.53	86.9	75	4	91.3	35.4	139.6
39	9	29.44	109.6	84	4.5	178.7	55.3	94.5
33	4	24	90.8	81	4	75.8	54.9	184.6
45	6	32.64	107.2	76	4.6	84	76.4	195.3
52	9	16.66	93.9	75	4.2	69.9	62	136.7
77	4	30.59	114.3	76	4.9	92.2	41	184.9
62	8	28.99	114.1	100	4.5	115.7	50.7	50
63	10	29.18	126.4	74	5.4	71.6	53.3	136.7
89	7	33.74	126.1	117	5	110.6	57.9	119
72	5	27.42	110.5	102	4.8	63.6	18.6	159.6
43	6	15	68.1	60	4	128	43.2	94.4
42	0	29.69	112.2	89	4.8	86.3	65.6	65.3
82	4	28.92	129.1	95	5	90.2	55.9	135.5
23	9	25.53	79.8	60	4.5	142.2	50.6	146
40	14	21.95	94	78	4.8	86.9	42.2	210.2
81	6	24.83	73	101	4.1	111.9	48	176.7
60	9	35.75	139	96	5.5	121.2	50.6	185.4
40	10	21.48	101.4	78	4.7	139	36.3	53.8
47	12	16.56	74	60	4	109.8	54	204.4
35	2	18.19	68.3	74	4.1	90.5	51.1	198.8
38	5	26.79	96.7	79	4.1	84.3	43.7	174.3
74	15	37.03	122.4	105	5.1	109.4	43.7	50
40	7	40.23	114.1	105	4.3	77.2	31.3	155.2
62	2	30.9	122.4	108	4.8	116.2	66.6	120.3
61	2	21.11	109.9	83	4.7	106	57.4	131.6
64	9	21.75	105.3	69	4.4	65	54.3	111.6
57	16	32.26	161.3	86	5.9	63.1	58.1	167.7
68	3	34.99	147.7	100	5.5	102.5	8.6	90.2
59	7	23.15	111.8	85	5.2	91.4	75.4	155.2
24	2	35.55	118.6	76	4.7	124.5	10.3	214.8
67	9	25.62	111	90	4.9	72.5	63.3	123.3
65	13	31.29	127.6	103	5.4	122	51.4	129.6
23	0	33.87	107.2	80	4.4	122.8	34	87
26	16	18.11	90	82	4.6	64.5	51.6	190.4
74	9	29.71	117.2	87	4.7	93.3	57.3	103.1
48	9	35.57	115.2	97	4.4	141	42.4	116.5

38	6	23.64	109	60	4.2	112	68	187.4
57	5	20.66	87.9	72	4.5	97	27.4	171.6
62	5	29.97	101.8	90	4.2	125.7	34.1	66.9
66	3	27.8	102.4	85	4.1	85.3	31	177
37	8	25.04	104.8	69	4.6	90.2	28.5	136.9
34	1	26.99	136.1	73	5.1	105.1	52.5	144.7
45	13	16.98	68.1	73	4.1	142.6	74.1	222.8
58	6	29.43	122.5	70	4.6	72.4	62.8	192.7
83	14	36.56	141.9	89	5	114.1	45.4	210.9
42	1	22.71	108.3	69	4.6	88	70.8	101.9
75	12	22.03	116.1	82	4.8	137.3	65.5	223.7
58	6	28.04	127.9	79	5.4	123	39.9	110.5
23	2	44.08	129	101	5.2	97.7	45.6	114
55	11	33.6	107.2	101	5	117.9	54.3	145.2
23	4	26.43	79.2	84	4	82.7	38.3	177.2
62	8	27.24	113.7	100	4.9	81	35.1	212.7
31	14	34.19	115.9	75	5	175.7	61.1	147.5
83	7	21.54	103.8	77	4.8	88.8	64.6	237.4
57	10	30.67	145.1	82	5.9	105.3	34.7	253.3
20	3	20.3	89.7	74	4.3	88.2	55.5	91.2
41	14	32.55	79.3	82	4	61.4	55.2	217.6
36	8	25.24	91.6	79	4.7	69.4	33.4	156.3
35	7	28.2	83.5	66	4	110.2	54.9	201
81	14	24.85	143.8	83	4.9	57.7	57.8	96.6
52	10	31.19	80.1	81	4	78.7	58.5	211.8
79	15	25.95	122.7	97	4.7	119.6	45.6	122.9
18	0	39.95	115.7	80	4.7	106.8	54.3	205.4
42	0	35.51	129.2	111	5.6	87.6	52.6	147.8
62	0	19.17	99.2	77	4.3	86.7	51	143.6
66	6	28.15	145.3	82	5.6	69.1	63	150
33	9	31.41	118.1	88	4.6	166.9	35.3	187.4
36	10	24.25	63.9	67	4	70.5	37	149.9
40	9	34.27	134.6	80	4.9	130.3	33.7	180.1
42	0	33.57	116.2	97	4.9	33.7	64.5	150.4
33	6	26.5	115.6	91	4.5	126.3	49.5	89.3
71	13	32.89	121.5	102	5.1	129.3	40.4	166.2
18	7	15	50	60	4	72	68.7	170.9
59	0	35.15	106	90	4.5	81.5	46.2	79.2
36	10	32.32	123.6	102	4.5	132	17	133.8
51	9	20.47	103.4	81	4.1	65.7	40	185.5
72	13	28.51	109.1	81	4.7	113.1	51.1	156.7
35	5	15	50	60	4	79.7	55.2	170.7
51	3	22.42	111.8	78	4.8	127	39.5	129.5
62	14	33.57	92.6	95	4.3	155.9	43.3	116.8
23	13	26.92	122.9	96	5.3	69.8	42.2	166.4
38	3	26.59	75.5	71	4	117.7	59.1	50
87	12	27.27	123.3	100	4.8	129.3	69.6	174.7
65	13	26.57	114.1	90	4.8	40.2	38.6	201.7
56	6	32.92	124.3	77	4.8	130.1	70.7	185.8
48	8	23.29	100.4	60	5	110.5	52.2	150.4

27	6	29.52	99.5	76	4.4	119.2	47.2	205.6
47	8	20.13	82.2	76	4	45.2	45.1	204.7
35	10	31.45	102	101	4.2	122.3	34.9	75.4
77	0	25.07	103.9	80	4.6	94.5	36.6	130.6
32	12	26.75	96.2	82	4.5	65.8	34.4	155
21	3	24.83	58.9	68	4.2	121	32.9	158.8
80	3	25.59	120.9	107	5	124.3	55.2	177
57	16	20.97	94	76	4.5	97.7	80.8	175.9
26	1	28.98	108.6	74	4.4	110.9	38	158.2
26	1	30.33	94.1	82	4	95.1	45.1	182.1
43	9	19.02	93.6	71	4.5	58.7	64.1	141.1
21	16	23.42	90.6	83	4.7	95.7	34.2	219.2
33	12	27.18	93.8	78	4.5	136	28.3	242.3
32	8	23.41	93.1	77	4.3	136.4	20.2	213.4
69	0	25.66	90.7	70	4.4	75.2	50.1	186.4
86	0	36.7	161.5	97	5.7	107.2	39.8	168.1
22	3	20.89	69.6	62	4	102.3	29.5	147.9
37	6	15	70.8	62	4.2	114.8	39.1	183.6
35	3	23.41	73.5	65	4	101.6	62.2	162.9
19	2	25.03	73	74	4	121.7	42.8	204.5
30	12	24.06	112.8	67	4.8	87.6	61.6	128.2
21	12	28.61	94.8	94	4.1	133.1	55.6	206.2
59	10	20.83	91.7	74	4.3	84.1	51.2	169.7
78	7	19.95	99.4	85	4.6	105.8	48.7	179.1
25	2	22.95	83.4	67	4	120	59	137.8
84	10	23.08	124	86	5.2	106.5	53.2	147.6
80	8	39.73	147.4	117	5.5	29.7	51.7	190.2
26	12	36.31	113.8	91	5.1	109	19.7	220.9
28	5	16.98	59.1	60	4	120.7	44.1	56
59	15	15.42	80.9	72	4.1	108.9	25.6	149.1
30	2	26.49	95.3	75	4.1	128.2	32.6	78.5
53	11	38.47	128	107	5.3	135.2	63.9	136.5
30	5	31	95.8	94	4.3	79.2	46.4	189.8
29	4	26.8	85.5	86	4.3	48.6	73.5	186.7
54	14	24.26	107.1	69	4.2	64	59.6	220.4
69	12	33.46	133.3	68	5.3	102.1	38.4	161.3
88	6	28.07	140	119	5.2	118.4	42.6	65.2
19	5	37.39	112.2	95	4.6	96.3	58.4	158.9
73	2	16.87	64.1	78	4.3	58.5	56.9	207.4
77	12	29.54	158	88	5.6	108.9	63.2	200.8
40	5	23.62	92.1	60	4.5	100.3	16	186.3
57	11	29.49	106.3	69	4.8	104.8	25.1	136.4
81	16	28.51	121.6	91	4.5	154.3	39.6	215.9
40	1	30.06	99.2	86	4.7	124.6	58.7	156.8
46	13	32.87	101.5	107	4.4	96	60.6	82.7
68	15	35.34	138.9	103	5.6	60.2	6.2	122.7
86	10	38.71	143.2	118	5.5	140.3	35.5	170
48	13	27.09	101.8	77	4.4	47	57.1	95.3
67	3	23.75	68.5	79	4	91.6	33.4	122.1
37	8	19.65	79.4	60	4.3	64	53	104.1



72	10	29.61	104.1	81	4.6	87.8	55.8	168.5
19	7	32.01	90.7	69	4.5	97.3	41.5	117
42	13	18.91	87.4	65	4	60.5	50.1	181.7
30	11	33.87	98.5	71	4.8	26.5	47	151.7
87	15	26.39	114.1	85	4.6	71	56.7	50
84	6	19.47	107.4	82	4.8	59.4	45.7	147.6
75	5	21.91	98.7	60	4.1	71.3	21.8	102.7
81	13	21.34	92.4	99	4.2	91.5	57.7	177.9
86	6	21.45	85.1	103	4.4	145.6	48.8	127.2
76	2	30.42	128.9	106	4.9	82	57.6	197.8
77	11	32.18	120.1	103	5.3	84.1	36.6	212.6
79	3	37.19	113.9	110	4.9	96.9	45.3	114.5
33	7	22.81	105.8	77	5	119.9	41.7	198.4
85	6	29.06	130.7	97	5	116.8	62.9	107.4
32	7	23.12	69.4	74	4	42.4	59.4	145.2
72	0	27.12	104.7	73	4.7	68.7	71.9	140.1
52	8	18.12	102.9	71	4.4	133.2	47.6	124.9
72	15	20.26	98.9	84	4.4	84.4	30.6	168.2
31	14	31.82	97.9	88	4.6	128.9	33.7	210.1
66	7	18.1	105.5	86	4.8	121.5	63.1	173.2
24	1	30.69	95.9	95	4	32.7	69.2	146.2
47	3	22.94	112.8	71	5	50.3	29.5	82.5
66	10	15.45	82.7	60	4.1	90	41.9	50
33	16	15	62.9	72	4	112	32.7	134.3
68	4	35.78	130.8	108	4.9	92	79.4	67.9
89	16	15.57	115.1	72	4.7	94.2	55.2	93.6
59	8	26.61	111.5	83	4.9	101	36.3	161.4
34	11	29.12	101.8	78	4.8	97	35.4	94.6
80	0	19.12	91.1	83	4.2	99	71.2	116.1
62	3	23.68	89	96	4.5	28.9	59.1	162.4
24	3	29.87	111.2	71	4.5	90.7	49.9	163
44	0	28.76	120.6	87	5.2	90.4	43	130.8
27	16	24.24	102.6	75	4.7	68	43.4	73.4
51	2	28.42	119.2	66	5.2	77	28.6	129.2
53	13	26.39	111	108	4.7	49.9	38.8	157
42	7	21.18	94.8	74	4.1	111.6	42.6	151.5
23	9	34.2	106.9	97	4.6	65.4	47.4	201.4
41	3	28.24	110.4	66	4.6	96.4	48.2	124.1
35	13	15.95	73.8	81	4	85.3	63.8	81.5
23	10	30.13	105.1	76	4.3	94.4	38.5	134.1
46	13	23.31	108.4	60	4.9	127.3	70.5	131.5
42	14	25.26	77.7	64	4	78	47.6	155.7
72	4	27.05	131.5	77	5.5	97	54.8	217
63	7	22.24	100.1	72	4.2	119.1	65.2	95.2
41	8	37.82	143	84	5.8	104.6	57.6	166.8
43	4	18.04	101.6	76	5	76.2	60.7	170.9
45	2	27.34	86.7	84	4.1	53.5	40.7	138.9
20	14	29.29	93.6	83	4.9	74.9	47.2	153.1
55	5	27.25	79	89	4.4	105.4	60.6	147.8
78	10	25.85	109.9	87	4.3	98.6	61	151.8

68	16	24.74	113.8	69	5.2	119.1	52.3	255.8
65	14	22.18	114.6	65	4.3	90.1	60.5	175.9
38	3	22.07	89.2	60	4	76.8	37.5	101.4
71	3	33.95	135	89	5.3	55.4	59.8	153.9
73	3	24.35	99.7	103	4.1	63.6	63.7	276.6
76	0	39.79	142.3	95	5	68.6	49.9	141.5
89	13	31.01	122.7	115	5.4	139.3	52.5	50
68	10	15	93.2	60	4.9	64.5	19.4	114.6
37	5	32.3	128.9	73	5.4	64.9	70.6	139.4
76	14	26.68	115.5	95	4.8	78.6	55.1	141.1
88	7	18.66	85.8	95	4.6	131	58.7	226.2
26	13	34.83	110.6	71	4.3	114.2	54.9	173.8
18	2	24.38	93.3	69	4.8	92.3	56.8	123.4
46	0	23.87	82	89	4	52.5	55.8	170.6
80	3	29.25	142.1	104	5.7	96.1	72.1	136.8
89	10	33.86	128.3	90	5.2	121	87.1	137.7
73	6	27.68	105.5	89	5.1	137	66.3	221
85	0	27.25	95.3	78	4.8	29.7	68.7	232.9
52	9	22.82	100.7	81	4.9	71.8	43.2	177.1
20	5	33.75	129.7	86	5.2	97.8	46.7	119.6
24	13	27.74	98	82	4.8	132.4	55.5	233
44	15	25.65	87.3	70	4.5	55.4	58	173.1
18	14	24.9	91.5	63	4	61.8	55.6	160.1
88	10	33.16	147.3	114	5.6	80.8	35.5	115.6
61	1	25.43	123.8	94	4.6	52.6	43.7	142.5
58	2	33.18	101.8	111	4.9	35.7	44.5	264.4
59	13	24.17	126.1	96	4.6	158.3	56.9	54.2
50	1	31.33	115.9	73	5.3	87.1	45.2	291.3
67	0	28.24	141.3	102	5.2	75.1	46.9	233.9
80	8	21.3	109.9	83	4.4	59.1	46	223.7
54	4	26.48	113.6	91	5.2	93.5	59.4	171
76	13	15	78.8	69	4	78.1	68	126.4
65	7	22.54	117.4	72	4.8	118.2	38	124.7
22	8	17.53	54.9	60	4	62.4	61.4	85.9
65	5	38.99	139.5	106	5.1	94	36.4	135.6
20	12	17.6	63.7	63	4	92.7	59.8	139.6
64	4	42.51	140.7	120	5.5	110.6	31	175
79	9	30.09	141	86	5.8	89.1	70.7	85.5
31	13	23.89	83	61	4	111.8	45.9	101.4
80	11	31.84	145.3	83	5.1	103.4	53.2	86.6
78	4	23.13	104.2	83	4.6	120.3	51.7	167
48	4	18.54	88	61	4.2	112.2	70.4	183.5
34	8	27.47	129.2	76	5	89	40.1	215.9
41	15	31.2	109.7	87	4.5	144.3	49.2	109
40	5	34.67	113.2	74	4.8	79.2	52.3	138.6
67	7	29.99	120.6	87	5.3	140.6	64.6	103.3
87	4	23.82	111.2	93	4.4	127.2	38.6	107.1
44	13	35.32	102.6	94	4.3	115	18	173.3
32	8	33.98	139.8	84	5.5	94.6	32.8	283.5
67	15	28.61	109.6	90	4.2	76.3	60.9	123.5

53	5	34.26	97.2	92	4.6	103.4	51.1	66.2
25	9	40.11	115.4	85	4.6	103.1	49	246.8
20	1	23.74	87.8	60	4.1	94.4	37.3	66.3
79	11	21.6	104.6	110	4.5	113.8	51	132.7
64	13	23.56	103.4	88	4.4	124.6	57.6	152.1
78	12	18.9	99.3	90	4.8	72.5	48.2	199.1
49	15	30.55	117	94	5.3	77.7	69.5	219.3
30	9	17.34	87	76	4.3	59.5	62.7	137.6
18	6	34.59	100.3	91	4.6	108.7	48	246.1
51	13	22.97	135.3	60	4.8	144.6	60.4	139
79	12	35.15	150.4	96	5.7	58.1	51	83.5
88	10	15	98.9	79	4.6	74.9	54.6	146.7
48	11	24.69	78.6	81	4	56.6	46.5	136.9
81	4	19.24	105.7	82	4.3	81.8	52.7	126.9
42	11	35.12	128.4	82	4.8	35.8	27.7	198.4
55	9	37.07	139	94	5	132.7	38	73.6
31	7	15	50	62	4	120.2	67.7	179.3
25	2	32.2	103.6	84	5	105.5	45.2	153.2
71	3	33.41	120.1	107	5.2	127	34.2	94.3
19	7	28.95	114.9	66	4.8	125.4	74.9	157.7
73	15	30.53	124.4	100	4.9	98	45.5	226.2
78	10	30.1	89.9	90	4.2	59.5	58	181.4
39	10	32.22	114.5	84	4.9	77.3	42.3	121.4
52	16	20.45	62.7	73	4	97.4	63.9	192.2
33	15	34.2	116.7	71	4.6	76.7	50.1	85.2
67	1	28.26	153.8	91	5.7	151.9	24.9	173
60	5	27.9	131.2	100	5	104.7	81.1	232.6
34	2	30.4	106.7	71	4.1	103.1	41.2	87
75	15	19.38	91.4	98	4	128.4	45.3	199.5
19	16	17.68	89	60	4.1	108.3	31.9	97.5
21	3	26.27	97.6	79	4.5	92	23	147.8
56	8	36.26	121.5	85	4.8	145.4	66.4	73.3
23	3	19.89	68.2	86	4	113	53.1	207.9
86	12	28.05	110.5	85	4.4	85.2	21	93.6
86	16	22.7	119	89	4.5	105.3	44.3	136.9
37	15	21.89	81	66	4.6	84.1	55.7	212.6
81	9	30	128	96	4.9	75.4	59	177.4
33	7	31.56	118.5	86	4.4	123.7	36.7	195.8
68	8	22.27	96.9	78	4.6	85	42.3	201.3
54	4	35.32	132.3	90	4.9	77	39.9	170.2
86	16	29.54	145.4	97	5.5	105.4	44.4	246.9
59	16	25.55	111.5	83	4.4	131.5	53.4	178
74	3	29.09	130.7	97	5.6	37	62.2	142.3
83	6	39.22	151	116	6	78.3	53.5	135
26	2	31.52	101.3	91	4.7	33	54	133.8
81	5	22.81	123.7	92	5.2	-1.5	47.1	146.9
39	13	26.89	122.4	81	4.9	101.4	32.4	196.8
51	5	27.79	118.9	82	5.3	60.5	47.8	83.2
72	3	30.99	120.1	80	4.8	123	43.6	54.4
46	10	28.44	102.4	86	4.3	64	39.7	59.6

55	8	38.37	127.3	112	4.7	117.6	50.3	103.5
35	12	25.64	108	69	4.4	108.7	26.6	151.8
88	1	16.62	94.3	72	4.5	71.9	43	218.9
82	12	28.29	107.2	108	4.4	84.9	39.7	150.5
18	9	24.35	89.7	86	4.4	105.2	37.4	163.2
21	13	17.98	71.8	60	4	115.9	58.7	178.5
21	13	22.78	103.3	93	5	140.9	51.9	187
44	13	24.85	62.9	82	4	106.4	57	216.5
60	9	33.84	125.8	105	5.1	98.6	56.4	127.2
76	15	18.1	93.1	74	4.4	100.7	35.2	130
49	0	29.1	119.9	88	5.3	92.3	66.4	126.7
50	6	40.32	126.4	107	4.6	86	42.9	224.1
45	15	25.95	90.8	71	4	72	66.9	191.6
72	5	25.77	126.6	104	5.2	111.6	44.3	157.3
77	0	31.32	145.3	97	5.7	74.7	30.9	261.3
87	0	30.13	127.3	94	5	105.2	34.3	133
79	0	35.51	134.3	93	5	99	64.2	101.5
51	1	26	121.6	87	4.7	119.3	58.2	81.8
73	9	31.21	141.3	99	5.1	107.1	38.8	176.1
30	5	31.31	118.1	74	5.3	76.7	53.3	86.4
73	10	24.99	105.4	88	4.4	66.7	64.6	183
35	16	26.32	85.3	82	4.4	131.1	74.4	135.5
71	7	26.93	138.9	85	5.6	87.4	52.3	116.9
60	8	19.57	103.3	79	4.1	141.9	54.8	191.3
56	1	24.67	91.2	81	4	21.4	47.6	119.8
78	4	35.98	134.4	103	5	105.4	50.2	113.1
59	11	33.23	122.2	85	5.1	125.7	58.6	148.6
35	13	23.52	88	75	4	102.6	33.7	120.7
40	8	26.91	94.4	60	4	106.4	59.8	189.9
71	10	32.83	144.6	112	5.2	117.2	44.2	220.8
47	8	29.66	115.7	98	4.4	124.8	38.9	265.6
75	7	31.8	159.9	87	5.4	118.1	39	128
85	15	30.2	147.2	84	5.3	136.9	78.5	117.7
84	3	28.29	125.6	107	4.6	85.8	69.5	79.3
88	15	26	142.3	91	5.6	150.1	37	169.1
35	2	19.83	87.5	68	4	69	54.1	213
24	5	31.15	135.6	82	5.4	128.7	53.4	86.4
57	3	25.67	100.1	70	4.6	111.8	76	76.8
87	3	17.11	109.5	87	5.1	167.2	43.4	294.5
82	0	23.73	104.4	92	4.2	109	16.7	84.8
85	10	32.11	126	101	4.7	120.6	48.2	114.9
66	16	15.5	83.9	60	4.5	50.4	45.9	50
69	16	20.82	119.7	84	5.2	125.6	56.8	50
46	15	27.82	106.8	87	4.3	108.5	62.9	139.5
38	11	35.43	78	91	4	122.1	67.2	214.8
26	1	33	105.4	94	5	71.4	66.7	149.3
64	8	36.01	114.4	112	4.5	85	59.7	50
59	15	28.25	104.4	91	5	105.4	65.8	146.7
68	9	25.74	127.7	71	5.5	97.9	29.5	65.8
73	5	32.06	105.5	85	4.3	108.2	46.1	97.5

68	8	21.6	83.8	73	4.5	105	50.1	154.1
87	10	21.14	85.9	83	4.1	85.1	56.8	142.2
37	0	20.07	77.8	77	4.3	92.8	40.6	161.9
44	16	33.53	88.7	94	4.2	77.6	39.9	202.6
55	1	21.99	72.4	75	4	182.7	44.7	147.7
89	10	33	132.1	110	5.4	110.2	56.5	111.3
82	5	27.89	126.5	86	4.7	152.7	-0.3	178.3
71	7	33.61	114.1	105	5.2	68.8	49.7	65.8
41	0	20.37	91.7	73	4.3	97.3	39.2	152.6
64	14	23.25	105.2	87	4.2	86.6	37.1	214.6
88	1	29.72	136.5	107	5	111.9	55	115.2
80	8	24.41	98.2	88	4.8	106.1	52.2	119.7
74	8	15	121.8	60	4.8	65.9	53.1	242.8
72	7	18.77	81.4	71	4.5	114.3	52.5	161.4
77	6	20.32	94.8	89	4.1	108	71	155.1
79	14	20.77	113.8	77	4.7	108.8	67.7	163.6
47	11	31.09	112.4	82	5.1	134.6	29.1	103.3
39	7	29.02	115.2	83	4.4	128.4	42.7	207.5
46	9	27.97	99.3	94	4.3	148.8	44.5	227.8
58	12	39.05	113.7	108	5.2	110.2	27.2	135.8
59	9	34.05	99.7	114	4.6	127.4	90.9	170.4
82	7	31.81	156.3	104	5.8	94.3	51.5	198.2
48	9	18.03	80.5	73	4.5	105.8	32.2	200.6
47	5	27.36	100.7	80	4.5	117.4	66	207.4
35	16	28.79	127.1	66	5.4	85.2	52	76.1
34	14	24.51	83.6	76	4.3	101.9	38.6	183.9
55	13	37.24	127.3	100	5.2	61.6	60.5	226.6
31	2	27.31	79.6	84	4	137	63.7	179.4
73	8	19.63	81.1	82	4.6	137.9	60.4	227.2
39	4	21.02	114.9	73	5.1	63.6	58.2	149.7
84	7	40.69	176.9	125	5.8	134.7	39.4	169.1
73	0	24.48	125.8	84	5.1	129	25.4	148.2
36	14	15	87.8	69	4.1	109.6	32	176.8
74	10	23.4	120.1	98	5.1	109.7	42.9	189.7
61	14	16.04	76.5	64	4.5	117.2	24	90.8
52	6	32.5	120.4	88	4.5	60.6	77	153.7
18	4	15.27	57	60	4.1	169.1	35.1	151.4
69	1	18.59	57.8	63	4	34.9	47.2	122.8
87	15	27.02	139.3	113	5.2	56.1	52	166
54	11	33.66	127.6	126	5	131.8	66.5	106.1
82	2	26.58	99.4	94	4.3	127.5	57.3	105.8
68	3	19.45	92.5	74	4.4	151.1	53	117.9
18	2	28.1	106	92	5	103.1	85	87.9
38	13	24.19	94.4	81	4.2	72.3	74.1	114.4
70	15	33.8	102.1	92	4.1	102	55.9	240.9
33	0	32.13	87.6	77	4.4	125.6	54.3	94.4
78	16	23.78	139.4	95	5.5	79.2	48	104.8
71	11	31.68	124.8	100	5.5	68	60.9	156.5
57	3	28.63	126.6	99	4.7	101	44.4	97.4
43	9	35.2	144.5	100	5.8	78.3	38.9	104.9

82	8	31.42	122	87	4.9	94.8	70.9	89.3
81	6	30.28	131.3	89	4.9	81.5	38.5	150.7
60	8	34.97	95.4	89	4.9	117.5	49.5	138.3
34	4	27.09	87.1	81	4	86.5	44.2	172.4
76	7	22.36	116.4	83	5.1	84.5	49	160.3
40	5	28.21	98.5	77	4.8	121.2	53	208
24	2	24.87	93.5	69	4.3	66.7	50.1	123.4
61	16	30.63	130.7	98	5.3	72.8	36.9	91.6
70	15	27.37	123.1	88	5	110.2	43.9	107.4
88	16	29.42	132.8	91	4.8	73.8	59.8	240.3
51	10	19.78	92.9	60	4.6	139	53.4	50.1
63	1	30.05	108.1	82	5.1	68.4	55.9	205.6
85	14	19.29	92.2	93	4.3	96.4	63.6	205.2
33	6	32.77	127.4	80	5.5	74	58.1	163.3
88	2	32.78	146.4	121	5.4	143.9	41	104.5
36	2	29.09	89.3	88	4.3	68.3	54.9	176.3
19	13	28.86	93.2	68	4.5	157.5	54.5	108.8
27	0	25.66	68.9	68	4	102.5	26.2	125.6
67	3	23.38	98.1	62	4.9	94.5	24.9	161.2
29	8	26.91	101.4	72	4.8	37.4	56.7	124.8
87	1	38.9	150.2	131	5.9	150	41.6	95.1
39	14	28.38	103	98	4.7	115.2	43.1	140.3
49	6	18.93	74.1	87	4.4	63.4	54.1	175
18	12	16.75	51.2	64	4	84.4	50.2	207.2
71	9	18.37	111.5	75	4.7	50.4	49.1	183.2
75	12	24.73	137.4	88	5.7	76.7	72.4	227.4
87	5	34.59	145.9	111	5.4	96.6	46.2	162.5
35	10	20.86	81.6	69	4.1	149.1	53.9	140.8
23	3	35.53	125.9	80	4.7	174.8	41.2	238.9
62	2	28.08	99.5	88	4.9	116	65.5	131
40	8	29.9	120.6	71	4.6	53.3	55	193.7
40	1	29.74	95.5	90	4.1	169.9	76.4	212.8
43	15	30.54	99.4	77	4.1	46.8	52.1	50
24	5	24.53	81.1	77	4.1	125.8	54.6	152.3
61	4	15	84	60	4	102	49.4	95.1
44	0	23.47	107.7	74	4.9	137	73.6	92.1
43	4	21.67	70.3	76	4	77.3	55.5	108.2
53	6	28.86	100.2	85	4.7	131	48.8	59.6
72	15	28.32	120.8	98	4.6	143.5	36.6	190.8
81	8	25.37	124.6	94	4.7	112.3	16.9	136.3
74	13	37.53	111.5	102	5	100.4	51.4	204
86	3	23.16	102.5	82	4.4	130.6	45.5	164.2
78	6	15	67.8	67	4	140.3	2.6	147.4
19	2	27.72	79.4	67	4.5	86	43.8	106.9
72	13	34.14	122.7	121	4.6	81	34.4	131.5
55	4	28.72	117.5	81	4.5	80.7	75	170.3
46	7	24.86	63.4	90	4	32.6	49.1	135.5
43	16	28.44	113.2	85	4.4	128	68.6	119.9
52	5	38.03	119.4	97	4.5	99.8	56.8	149.6
84	2	21.75	105.4	87	5	91.5	65.3	208.6

46	2	27.19	116.9	85	4.5	86.7	84.5	158.2
51	2	31.02	132.7	72	4.8	113.1	62.3	203.6
58	9	28.52	101.2	87	4.9	80.1	98.1	50
58	11	25.51	95.1	83	4.3	126.9	59.4	156
40	4	24.44	88.6	73	4	88.7	68.3	143.7
88	1	25.29	109.6	71	4.8	65.6	45	103.8
20	7	30.19	73.9	75	4	118.1	28.6	158.8
75	12	29.84	121.7	111	4.9	73.9	12.5	190.6
49	7	39.57	118.7	107	5	97.9	63.3	154.4
48	9	17.78	86	60	4.7	128.1	42.7	87.8
60	2	37.55	155.7	111	5.4	101.5	44.9	173.1
24	3	25.77	87	62	4.5	103.2	44.7	207.9
18	9	26.46	75.6	75	4	86.8	40	157.7
78	3	32.15	124.2	102	4.9	105	74.9	147
31	15	32.11	106.7	81	4.4	81.3	36.8	116.1
69	15	33.94	124.9	110	5	115.8	57.3	169.1
23	5	35.25	98.6	95	4.4	89.9	57.3	131.8
27	16	26.76	67.2	68	4.3	94.3	27.7	335.8
88	1	35.33	149.2	104	5.9	69.8	58.7	206.6
47	10	23.23	81.6	68	4.2	115.5	32.8	162.9
38	5	25.17	116.3	71	4.5	83.7	48.6	173.8
77	14	25.91	109.8	96	4.8	67.2	44.2	143.1
80	8	23.84	104.9	87	4.9	84.4	50.8	173.3
59	1	27.36	102.1	97	4.1	124.4	59	179.8
68	0	32.38	126	81	5	117.4	36.8	110.5
81	14	30.91	114.3	101	4.3	32.9	41.2	137.6
73	5	23.32	98	93	4.2	79.2	25.6	166
58	5	22.83	109	80	4.3	143.2	33.7	170.8
49	3	21.87	78	61	4.5	137.7	61.4	137.1
32	12	27.53	104.3	68	4.3	62.4	44.4	129.8
79	9	17.51	111.9	87	4.4	127	63.7	179.1
44	2	21.66	100.3	68	5	56.9	35.7	177.7
45	1	24.25	99.5	70	4.5	74.9	38.4	127.8
81	0	33.33	105.1	98	4.9	67.9	66.6	50
76	2	26.21	97.3	87	4.3	122.1	53.4	179.4
75	14	33.04	108.2	111	4.7	101	27.6	193.8
19	11	28.13	85.1	60	4	115.2	41.5	180.3
53	15	24.15	100.3	85	4.4	41.2	62.9	237.7
88	12	24.4	99.9	105	4.6	126.5	47.5	190.6
30	15	20	77.4	76	4.1	149.1	68.3	163.1
32	1	41.42	134.1	122	5.1	107.2	30.6	104.3
77	1	33.66	115.8	97	5.1	159.6	68.2	146.5
39	14	30.62	93.5	94	4.4	126.1	32.3	139.7
80	5	19.18	121.1	79	5.1	154.2	53.7	161.7
42	6	24.29	80.7	71	4	93.1	64.2	87.5
65	7	21.15	104.9	60	5	109.6	51.9	177.9
60	8	27.77	129.1	83	4.9	79.6	58.6	120.2
55	10	21.44	77.7	87	4	56.5	65.4	166.6
58	5	22.98	83.4	62	4	75.6	57.1	125.6
62	12	21.59	95.7	99	4.8	108.5	45.3	143.5

57	14	25.56	105.6	87	5	62.2	46.6	104.6
34	16	27.43	87.2	68	4	103.4	37.3	107.5
74	5	25.72	143	91	5.6	34.7	31.8	174.9
19	13	36.2	115	94	4.4	90.1	69.7	196.3
79	7	31.87	116.2	94	4.4	107.8	59.2	147.3
26	14	22.3	62.1	63	4.1	78.9	71.7	212.4
85	2	28.95	124.5	116	4.6	90.6	59.1	200.7
34	2	22.8	94.2	69	4	99.4	44.7	161.9
67	14	24.63	135.4	83	5.3	88.3	32.5	100.5
57	14	29.88	114.4	103	5.1	108.6	42.3	162.4
75	13	30.99	120.8	96	4.6	49.3	60.1	167.5
38	15	23.48	76.3	82	4	64.4	39.3	176.7
35	11	20.37	88.8	64	4	69.2	69.8	132.1
72	11	27.53	131.3	83	4.7	93.6	44.6	114.4
46	10	29.61	80.4	90	4	154.2	31.9	67.8
41	6	23.17	93	65	4.8	117.4	45.3	155.8
34	5	31.9	90.5	90	4	48.5	53.5	145.3
35	15	30.84	83.8	75	4.3	106.3	75.5	210.6
59	15	23.08	126.1	84	5.4	83.5	51.7	100.7
62	12	33.78	136.9	109	5.4	86.4	40.7	148.2
34	1	33.96	100.8	69	4	78.2	71.3	95.5
31	15	39.41	116.9	92	4.9	91.6	67.2	231.6
66	11	37.27	127.8	84	5.5	46.4	48.4	132
46	1	21.58	74.3	71	4	96.3	25.7	81.1
21	11	32.55	92.5	86	4.2	109.5	41.3	152.5
37	3	32.28	119.8	84	4.6	75.9	60.9	159
64	6	24.91	98.3	63	4.5	84.1	68.7	118.1
26	14	29.73	104.4	89	4.3	64.2	52.1	148.9
44	9	15.73	70.1	60	4.1	87.8	48.7	99.1
32	13	15.57	54.4	69	4	102.7	42.3	122.2
36	14	16.71	94.3	60	4.3	94.3	61.2	122.1
69	12	29.34	86.2	84	4.4	119.6	34.7	284.5
43	2	29.62	132.5	85	4.7	128.6	41.8	205.8
43	5	25.36	112.2	89	5	82.3	70.6	150
43	4	37.33	123.9	116	5.1	93	64.6	141.6
63	1	32.92	115.7	92	4.9	66.9	72.3	211
66	14	17.41	87.3	60	4	85.5	40.2	208
70	11	25.97	115	91	4.9	101.5	31.2	132.7
20	1	21.36	80.5	60	4.1	122.6	72.2	266.7
83	7	29.48	111.1	104	4.7	97	61.1	132.7
59	8	26.82	109.2	90	4.5	109.2	65.4	136.3
36	6	21.7	90.3	84	4	59.9	61.3	178.2
34	10	37.17	111.8	104	4.7	107.3	77.8	156.9
50	10	27.34	138.3	85	5.2	73.9	60.6	124
66	13	24.5	105	84	4.5	147.1	53.1	135.6
73	9	25.48	86	79	4.3	154.4	54.9	119
80	15	36.71	123.3	97	4.8	146.3	53.5	153.7
20	1	32.47	110.5	82	4.5	72.4	73.7	141.6
66	13	26.03	99.2	76	4.5	119.7	68.8	172.5
72	2	21.05	88.2	78	4.4	25.2	73.8	163



43	10	21.98	111.4	69	4.8	132.1	20	106.2
89	14	24.11	120.3	96	5.3	98.9	46.5	125.8
69	15	30.04	110.6	93	5	45.3	36.6	205
24	1	31.54	58.5	92	4	118	78.2	144.6
63	16	22.65	111.1	77	4.8	89.6	39.2	99.6
63	8	31.8	120.3	82	4.8	89.5	59.4	136.6
33	14	21.55	104.1	75	4.4	115.8	80.2	149.7
41	16	23.33	75.7	74	4.5	129.9	55.3	258.2
78	5	18.3	95	76	4.4	108	44.9	131.3
71	10	18.12	101.2	72	4.7	31	53.5	133.5
79	15	21.48	126.3	83	5.5	107.9	30.1	160.9
18	11	26.85	91.6	70	4	68.8	27.9	183.1
66	3	21.04	89.5	84	4	114.3	58.7	249.4
42	7	35.99	137.4	101	5.1	109.6	13.8	137.9
27	6	21.41	76.6	64	4	90.2	49.3	140.1
33	1	28.1	100.4	100	4.1	95.5	48.3	90.8
75	10	34.92	143.6	97	5.9	44.3	79.7	86.7
89	8	27.56	148.1	96	5.9	146.4	58.2	151.5
46	8	24.82	103.2	62	4.8	107.6	46	105.9
23	10	27.88	131.1	75	5.4	105.4	64.4	72.6
33	13	23.63	87.4	71	4	106.8	53	113.1
37	9	21	89.9	70	4.4	43.5	33.9	88.6
88	6	30.68	121.1	110	4.6	126.9	54.7	146.8
60	4	23.5	106.8	98	4.5	85.3	52.6	86.8
43	9	32.62	116.2	100	4.7	100.8	51.5	130.8
88	13	31.78	148.2	101	5.6	79.3	57	173.7
50	6	28	112.7	86	4.3	60.5	66.3	139.1
43	7	32.83	104.3	105	4.2	81	55.7	145.6
62	0	23.74	107.3	72	4.8	91.5	31.1	91
80	6	31.7	118.3	107	5	96.8	27.5	181
84	5	31.67	138.6	91	5.1	82.1	44.5	161.9
69	0	25.19	101.5	97	4.2	94	43.5	143.8
85	0	24.42	95.4	88	4.8	88.1	55.6	160.4
43	12	28.97	87.5	75	4	56	70.1	141.8
19	14	38.81	94.5	85	4.6	96.2	73.7	171.5
31	5	25.61	83.8	70	4	96.2	40.5	185.6
47	5	24.3	84.4	88	4.3	76.3	23.6	130.8
66	16	34.07	125.8	112	5.2	125.1	51	127.1
29	3	27.41	88.4	73	4.6	96.9	66.6	121.7
61	12	32.2	127.6	85	4.9	108.9	43.6	114.7
50	5	35.85	127.4	117	4.6	71.4	50.9	105.6
30	11	15.56	66.3	68	4.1	77	47.6	147.5
43	4	26.77	118.7	73	4.8	89	73.8	134.2
38	12	25.62	81.3	81	4.5	60.9	84.6	147.8
45	16	21.23	105.1	69	4.9	42.1	60.1	170.5
65	8	15.49	90.8	60	4.3	138.3	60.4	164.8
57	13	17.45	82.5	68	4.6	80.3	29.1	214.8
83	13	27.63	138.7	80	5.2	93.4	43.7	152.1
40	9	23.8	101	70	4.7	106.4	63.3	138
65	4	22.19	85.7	76	4.4	91.4	56.1	153.9

19	16	27.57	95.1	69	4.4	63.9	57.7	182.3
37	5	22.85	94.6	82	4.5	129.1	24.4	251.8
76	10	34.74	147.6	106	5.8	83.6	18.1	166.7
63	13	23.27	111.8	75	4.8	117.1	79.3	159.2
20	1	36.03	116.9	91	4.8	141.8	47.8	202.5
72	0	26.82	108	102	4.8	60.6	25	126.6
29	15	23.09	82.5	63	4	124.2	48.2	145.3
57	10	22.65	95	65	4	102.9	28.5	165.3
83	14	36.08	114.7	96	4.4	72.6	32.7	110
33	10	31.18	123.2	88	4.9	112.7	38.8	82.2
51	14	22.44	78.6	91	4.4	103.1	28.5	180.9
61	16	27.71	115	96	4.9	81.6	-0.9	101.1
23	13	15	61.5	70	4.2	157.1	61.4	198.6
81	2	19.01	99.9	60	4	111.5	41.2	131.5
39	6	22.5	99.7	65	4.7	67.2	64.3	141.8
35	11	22.35	75.5	60	4	109.9	50.6	61.4
29	10	34.28	114.9	93	4.3	94.5	22.7	171
69	16	15.51	97.5	69	4.8	66	49.6	174.8
68	15	18.43	84.2	60	4	93	71.2	176.2
88	1	29.71	142.1	106	5.1	111.6	48.5	189.8
65	7	28.38	134.8	101	5	72.2	39.1	61.9
36	8	24.9	123.2	96	5.3	58.1	28.4	87.1
23	6	39.31	111.2	95	4.8	58.7	41.3	83.8
44	14	30.7	111.3	93	4.5	60.3	32.6	129.9
70	6	34.34	132.5	89	4.8	116	42.8	106
65	14	26.7	120.9	71	4.5	112.3	17.2	167
24	3	23.74	110.7	83	4.4	72.4	31.7	149
76	9	23.81	117.9	91	5.2	93.5	59	171.9
86	1	32.57	140.9	115	5.7	60.6	52.2	175.2
28	4	31.64	85.9	81	4.7	80.6	45	50
32	5	25.69	123.1	99	5.3	80.1	31	192.9
81	2	29.83	118	100	5.2	109	74.6	130.2
20	8	32.78	60.7	75	4	135.3	82.6	196.3
86	1	23.62	81.1	86	4.6	67.2	31.4	74.5
40	2	24.94	99.8	61	4.8	75.1	62.9	178.9
70	11	29.68	100.3	84	4.5	108.2	32.2	154
54	1	16.27	85.3	64	4	56.8	58	226.8
26	2	29.79	75.2	95	4.1	72.6	13.8	158.1
32	8	20.25	86.1	67	4.3	125.7	40.7	196.2
20	4	32.65	108.8	93	4.8	136.7	52.9	66.6
87	10	39.89	150.9	112	5.7	72.1	55.8	150.7
34	4	22.82	77.2	62	4.2	75.2	34.7	110.8
43	5	18.9	97.5	74	4	120.1	58.9	132.3
38	8	25.92	89.8	69	4.1	128.8	48.7	145.5
89	4	25.41	117.5	88	5.2	90.8	28	111.1
38	16	30.96	98.3	106	4.6	78.8	33	180.8
28	8	28.4	91.8	85	4.2	115.1	74.7	195
55	12	25.22	131	74	5.5	109.5	52.8	101.5
89	5	27.54	124.5	103	4.7	97.7	43.4	161.8
52	15	20.27	72.5	64	4	153.9	27.2	56.6

31	0	31.98	90.1	67	4.1	106.2	41.4	197.8
31	16	36.71	109.8	103	5.1	64.7	52.9	153.8
27	13	19.81	66.2	68	4.1	111.4	55.8	145.1
29	6	17.52	88.8	61	4.2	78.3	51.9	231.9
55	15	24.59	80.4	64	4.5	93.8	39.8	165.6
51	6	19.67	88.1	69	4.7	121.8	21.4	287.8
58	6	19.34	107.8	76	4.9	124.7	48.6	95.4
27	13	18.59	66.2	60	4.2	10.4	49.4	100.7
34	8	25.84	100.3	77	4.7	81.8	36.8	191.4
34	0	24.53	90.5	90	4.4	83.6	46.8	137.1
84	7	29.24	125	99	4.9	98.7	51.5	206.8
79	11	23.62	119.4	92	4.7	72.4	54.9	99.9
18	5	19.7	50	60	4	90.2	62.3	210
29	8	26.9	111.4	66	5	96.5	13.2	146.8
21	8	20.65	50	60	4	48.5	56.9	151.4
59	4	30.07	131.7	101	5	93.7	25.6	87.7
30	4	17	80.5	61	4	128.1	34.2	208.3
21	15	15	72.6	60	4	61.8	66.3	173
86	1	17.34	126.9	74	4.9	103.3	31.4	179.5
36	2	24.49	109.7	62	5	101.6	63.2	80.8
19	4	25.28	97.3	85	4.9	44.9	41.1	139.3
29	2	27.82	90.7	76	4.8	88.7	72.5	147.6
23	0	23.61	78.3	64	4.2	96.7	29.4	84.3
25	9	21.92	94	69	4.9	136.8	48.6	185.3
68	8	35.6	137	96	5.1	88.4	7.7	196.6
28	4	34.01	111.5	90	4.8	110.7	51.4	77.5
80	11	32.92	130	94	4.9	78.2	25.1	148.4
74	14	28.85	113.6	94	5.2	108.4	46.2	193.7
29	1	29.33	77.3	80	4	125.7	36.8	236.5
19	4	22.17	88.5	85	4.4	49.8	77.1	191.1
25	8	27.87	90.5	96	4.6	103.7	43.1	99.8
28	0	21.36	78	76	4.2	115.5	75.1	104.1
70	13	20.68	74.2	79	4	95.5	34.9	163.8
27	0	17.3	74.5	70	4.1	106.8	0	185.6
25	6	29.44	75.9	87	4.3	122.2	61.4	149.9
53	14	27.98	100.9	81	4.2	58.6	31.6	126.9
31	7	25.18	102.8	60	4.8	111.3	66.7	190.2
71	8	24.4	110.2	66	5.1	135.3	47.8	203
38	15	16.02	74.5	62	4.5	86.8	59	134.4
67	0	28.54	104.7	85	4.5	80.7	63.4	150
56	1	25.11	95	77	4	80.7	83.3	183.2
37	2	32.38	132	79	5.1	108.7	66	130.8
24	15	27.88	104.5	68	4.8	142.4	52.9	195.3
26	0	31.23	93.5	89	4.8	162.1	63	127.5
18	6	26.96	86.3	60	4.7	147.1	61.4	199.8
43	11	28.09	106.4	88	5	89.6	57.5	115.9
55	10	32.59	124.3	90	5.1	74.2	80.4	267.2
55	12	25.85	103.8	97	4.8	53.8	46.6	147.3
78	12	29.83	97.1	98	4	113.4	52.3	182.2
61	7	24.34	103.7	65	4.4	188.1	41.3	214.7

61	6	26.21	106.5	66	5	106.2	91.5	146.3
79	14	36.56	168.5	95	6.1	110.3	45.3	167.4
23	1	30.84	138.6	83	5.2	98.7	55.3	156.4
34	0	23.75	99.1	60	4.1	116.7	35.6	257.9
68	9	29.54	107.9	93	4.4	81.3	43.8	235.7
55	3	19.32	101.3	80	4.6	109.7	65.3	116.9
41	8	25.67	71.4	73	4.3	91	48.1	100.1
68	7	21.28	93.6	71	4	114.3	67.7	178.9
27	2	29.71	73.5	60	4	99.6	62.4	158.2
89	3	25.87	129.5	108	5.2	115.6	48.4	232.4
38	10	28.7	83.2	100	4	72.6	36.7	172.4
87	10	31.65	127.5	113	4.7	132.7	54.5	152.5
74	12	24.24	109.8	83	4.4	129.2	54.5	104.6
56	7	24.45	101.5	80	4.5	91	50.2	127.5
50	13	26.78	96.5	90	4.5	83.1	54.5	116.9
76	6	21.84	111.7	85	5.1	62.1	39.5	133.1
35	15	26.93	77.5	60	4.1	65.1	59.9	133.1
73	10	27.25	142.1	99	5.5	88.2	56.4	132.3
74	6	28.37	103.2	104	4.2	104.6	38.5	152.4
65	0	29.52	117.1	102	5.1	106	42.9	179.6
59	5	17.38	98.6	76	4.6	152.3	49.2	200.3
44	8	19.29	95.8	79	4.1	84.6	43	190.1
69	13	20	111.1	64	4.9	81.7	38.4	79.7
59	7	27.56	85.7	86	4	97.2	65.6	89.4
49	8	25.29	86.3	73	4.3	72.5	63.4	133
43	3	15	78.5	77	4.2	145.9	59.1	94.9
42	12	38.68	130.6	100	5.3	153.8	32.4	172.3
40	12	15.07	94	61	4.8	123.8	77.8	149.1
74	14	27.18	108.6	80	5.1	127.9	54.8	156.6
69	2	30.38	106.7	83	4.9	95.1	48.1	214.9
48	13	22.68	86.2	65	4.6	120.2	62.5	133.3
81	8	30.84	161.1	106	5.2	137.4	48.3	94.5
88	11	20.95	133.4	91	5	90.4	6.8	140.5
50	13	28.03	103.5	87	4.1	143	54	50
19	10	15	83.8	64	4	99.3	66.4	142.7
35	8	34.04	102	81	4.4	97.1	55.7	50
64	8	27.01	125.3	69	5.4	73.7	22.1	152.1
50	7	17.43	64.2	75	4	106.6	62.8	206.3
52	14	30.77	117.9	89	5	133.6	54.1	177.4
68	14	36.79	147.9	111	5.3	32.2	55.1	166.2
35	11	21.44	80.5	74	4.2	110.3	27.1	175.9
89	2	25.74	130.2	92	5.4	121.8	41.7	113.6
47	15	23.91	87.9	80	4.1	103.6	33.5	50
61	0	22.38	104.8	93	5	41	63.6	89.1
70	14	21.75	96.3	78	4.1	59.2	57.1	180.8
27	1	23.12	97	78	4.9	97.6	40.5	199.4
69	4	23.45	87.4	86	4	49.8	38.8	216.6
66	11	24.86	92.5	68	4.4	180.6	45.3	85.5
28	2	24.43	107.4	60	5.1	138.9	54.3	210.5
83	4	31.57	92.7	99	4.5	68.9	63.3	86.4

75	2	31.03	114.9	92	4.9	126.2	36.3	171.4
53	8	17.8	85	61	4.4	120.1	55.4	179.1
50	6	23.44	102.2	88	4.3	89.1	44.5	116.4
64	13	34.5	118.8	83	4.4	129.5	5.8	190.5
30	3	28.76	80.6	78	4	37.4	42	50
57	12	29.01	129.9	79	4.8	89.7	56	100.4
85	15	28.43	140.2	110	5.7	84.3	37.8	111
59	1	25.43	99.7	109	4.8	153.9	55.2	183.1
36	14	26.75	69.6	75	4	71.2	60.5	181.4
36	8	24.58	96.8	84	4.8	120.6	67.3	161
75	11	32.13	129.5	111	4.8	79.4	34.1	160.5
40	3	24.63	84.3	85	4	131.9	67.6	213.9
71	12	26.32	83.8	96	4.4	87.1	50.5	131.7
82	11	31.41	124.7	81	4.8	63.6	26.4	127.8
29	3	25.03	101.1	86	4.1	99.1	46.4	142.4
41	12	26.58	112.4	83	5	125.3	45.6	100.6
51	6	24.85	99.5	78	5	115.7	41.9	181.1
70	11	26.46	103.6	87	4.6	55.2	31.4	88.4
25	10	25.05	98.6	75	4.2	52.1	53.6	141.1
35	14	23.78	73	71	4	80.7	49.1	195.5
74	15	22.75	87.2	80	4.4	70.5	41.7	137.2
22	14	25.97	86.6	63	4.4	72.9	35.7	97.7
43	12	33.11	135.9	95	5.6	86.2	22.5	166.8
47	7	30.74	133.7	86	5.6	117.8	73.2	186.3
71	0	17.52	75.8	67	4.4	91.7	46	173.6
30	10	24.43	82.3	74	4.3	64.5	61.9	175.8
46	6	23.17	130.8	76	5.1	72.5	66.7	114.8
20	1	17.63	59.9	65	4	113.3	65.6	259.6
75	0	28.65	144.1	93	5.5	96.7	60.1	201.6
19	16	26.42	102	79	4.3	78.6	53.4	116.3
45	14	39.14	143.6	97	5.4	118.9	24.5	161.2
19	12	25	77.8	69	4	124.2	73.6	161.1
24	1	22.34	75.4	71	4.4	123	32.9	158.1
43	5	21.76	76.4	77	4	97	72.4	171.7
33	3	24.29	102.1	86	4.8	73	45.6	150
40	0	30.54	81.5	96	4	93.2	64.8	179.7
57	15	31.23	113.5	91	5	78.7	62.8	193.7
77	2	44.56	177.1	103	5.8	21	55.4	170.1
49	12	19.76	97.9	79	4.7	92.9	55.3	119.1
32	11	27.52	111.1	84	4.4	35.5	47.3	208.7
30	6	22.89	61.1	73	4	78.2	50.7	147.5
22	10	29.1	79.3	85	4	82.5	50.6	160.3
69	0	35.3	147.9	97	5.5	146.3	52.4	129.3
58	15	32.17	120.2	77	5.2	64.4	48	214.8
70	12	19.75	83.9	69	4.4	107	30	121.1
67	2	31.11	130.1	65	4.7	90.5	43.7	144.6
32	8	15	63	64	4	113.8	56.4	275.7
24	10	15	105.1	60	5	80.1	48	60.1
57	8	25.51	113.5	91	4.9	52.6	50.1	107.2
45	12	30.66	95	95	4	103.2	40.9	204.3

49	9	29.09	120.9	81	4.7	100.5	58.6	155.9
32	16	38.43	142.1	86	5.4	105.6	59.4	178.9
87	10	27.66	123.7	87	4.6	91	15.1	84.2
82	7	26.36	107.2	111	4.8	89.3	26.6	140.6
21	14	33.93	104	83	4.7	124.1	47.3	144
28	2	24.76	79.3	70	4	121.4	57.5	150.7
43	7	29.33	101.3	87	4.6	75.9	54.5	154.3
78	3	29.69	102.5	80	4.9	95.5	47.9	50
54	14	21.17	107.5	71	4.5	63.9	62.5	143.1
40	6	29.32	86.4	75	4	117	59.1	224.8
57	9	40.11	142.8	94	5.6	113.9	47	136.3
40	16	33.82	108.1	88	4.2	142.5	47.9	103.8
33	6	21.96	88.8	71	4.6	122.1	30.4	120.3
78	8	41.03	138.9	100	5.7	105.4	51.5	209.6
85	9	31.14	132.7	96	5.6	177.4	58.4	50
48	8	29.55	114.6	87	4.7	110.4	39.2	181.9
70	11	26.42	107.6	93	4.8	116.7	50.6	168.8
42	4	31.1	82.3	84	4.5	45.7	55	109.8
61	8	27.67	115.9	91	4.5	124.4	63.1	300.9
29	2	27.12	99.6	73	4	172.5	45.4	197.5
26	6	26.2	68.9	87	4	108.6	37.1	159.3
29	0	32.84	90.5	91	4.7	123.5	44.9	208.6
86	16	32.18	127.1	95	5	133.3	54.4	180.3
71	15	26.1	78.3	83	4.1	154.1	53.5	169.3
71	2	17.89	106.9	80	4.8	118.3	26.9	160
45	10	27.22	94.6	77	4.5	52.5	44.9	123.7
73	14	22.69	111.2	64	4.3	106.9	34.6	202.4
86	9	24.16	100.4	92	4.6	123.3	50.5	144.7
75	14	26.25	145.3	86	5.6	120.9	55.4	208.1
59	7	20.64	74.5	83	4.1	95.4	65.3	206.9
55	3	17.34	79.7	70	4.3	89	68.9	198.2
85	6	28.75	143	103	5.4	89.2	57.4	129.2
70	3	27.16	97.1	114	4.8	95.5	43.8	107.5
50	2	26.93	105.2	96	4.6	103.9	42.3	148.2
88	5	30.06	138.5	95	5.3	116.3	56.9	150.2
73	11	23.04	85	88	4.5	111.3	61.5	130.8
89	13	28.99	117.5	99	5.2	87	31.8	201.1
68	9	35.02	131.9	103	5.3	64.3	85.8	196
60	6	25.47	112.7	68	4.4	111.3	56.4	188.1
32	12	38.4	105.5	105	4.4	91.3	62.6	221.8
55	15	27.3	134.7	62	4.7	148.2	56.9	161.9
32	12	21.89	92	70	4.1	127.4	34.3	96.3
22	15	32.1	111.8	65	4.8	110.2	43.4	219.9
71	10	26.32	123.9	81	5.3	77.3	38.4	174.2
68	5	33.32	102.2	100	4.6	59.5	24.7	206.1
27	10	29.48	95.7	89	4	100.1	31.6	173.2
29	15	25.03	89.3	84	4	104.4	76.4	121.1
21	14	36.13	103.9	86	4.7	47.9	46.8	90.7
35	1	24	93.6	84	4.6	114.2	63	198.5
53	14	15	50	65	4	101.5	41.5	130.6

42	13	32.28	112.5	81	5.2	19.9	39.3	202.8
53	9	29.1	105.2	91	5	74.3	72.4	50.3
84	7	34.7	104.7	96	4.6	76.3	47.2	183.5
26	1	21.71	87.8	67	4.5	63.4	46.6	179.3
78	13	25.52	97.3	84	4.2	111.6	53.9	230.9
70	3	24.84	104	70	4.1	153.6	59.5	130.1
35	14	32.6	103.9	90	4.1	113.9	42	148.8
60	16	30.91	89.1	93	4	119	17.2	229.7
52	11	28.29	81.6	97	4	76.7	67.3	219.8
80	14	28.33	129.8	75	5.4	115.3	56.4	123.3
21	7	20.09	66.6	60	4	94.5	36.8	99.3
58	0	31.61	111.3	104	5	100	47.6	156.7
62	6	31.73	120.6	99	5.4	81.9	69.9	201.5
67	3	40.75	113.6	116	5.3	52.7	73.7	185.1
45	12	29.82	101	100	5	127.6	45	144.8
59	4	30.79	114.4	84	5	104.8	72.4	260.1
86	11	29.87	154.2	89	5.5	93.1	50	135.8
18	8	22.82	65.8	76	4	154.8	39	171.5
56	3	34.5	133.8	102	5.5	70.1	42.1	92.8
34	1	26.67	95.3	76	4.8	119.2	76.6	117.4
52	7	25.84	85.6	80	4.7	161.6	58.7	151.9
63	3	26.19	99.4	76	4.7	112.6	35.8	177.7
59	7	26.6	120.7	101	5	65.2	65.5	50
56	14	24.08	112.8	101	5.2	129.4	66	111.5
66	5	28.29	106.8	101	5.1	83.6	43.8	50
79	15	26.42	122.5	97	4.9	81.6	57	68.1
55	11	25.91	88.8	89	4.4	72.9	71.3	227.6
40	14	29.94	102.2	88	4.9	148.9	32.6	117.4
39	14	27.45	93	63	4.3	87.9	22.8	262.9
21	5	23.68	96.8	65	4.8	72.4	39.9	87.5
66	14	22.42	109.8	89	4.3	137.4	23.6	191.3
76	2	27.59	108	83	4.6	52.4	31.3	162.8
85	11	22.52	103.9	88	4.6	101.9	67.1	152.7
88	13	22.09	112.7	99	4.9	79.6	37.3	80.7
19	3	22.17	76.4	78	4	118.2	49	130.8
66	6	28.53	110.9	99	4.3	87.3	60.9	150.4
48	5	34.16	112	96	5.1	57.7	67.8	133.8
57	4	29.09	132.4	96	5	104.3	55.2	172.3
65	6	32.32	115.4	93	4.6	86.2	17.9	126.4
68	1	26.58	116.7	105	5.1	125.3	49.2	126.6
60	10	27.85	147	71	5.4	102	61.5	149.9
72	7	36.92	122.1	105	5.3	164.2	52.5	197.5
66	15	31.97	124.8	91	4.9	83.3	58.2	252.7
74	9	32.62	130.9	105	5.4	135.2	39.9	114.6
32	0	25.41	91.7	72	4.4	89.5	51.4	50
44	15	26.97	101.6	105	5	96.4	59.9	191.4
85	12	29.43	113.2	106	4.6	122.7	71.4	215.9
81	6	23.36	117.6	77	4.7	71.7	40.4	88.7
47	2	15	50.9	60	4	135.7	40.1	215
53	14	29.38	137.2	76	5.5	120.8	73.7	181.2

84	2	32.77	158.2	107	5.9	123.7	44.9	91.3
66	9	27.33	107.7	86	4.4	128.1	53.3	50
72	5	23.42	123.6	78	5	117.4	53.9	116
73	2	25.02	107.1	80	4.5	120.4	49.9	204.8
85	16	15	97.6	84	4.2	139.5	79.1	123.3
61	12	25	95.3	80	4.4	100.2	46.6	154.5
48	15	20.31	101.9	68	5	94.6	61.9	65.6
75	7	22.8	99.4	94	4.2	114.5	43.7	192.1
70	1	20.01	111.8	94	4.5	103	78	132.6
40	6	19.31	83	60	4	128.1	37.7	198.6
45	3	20.98	89.2	84	4.6	156	59.3	93.3
33	6	30.8	80.7	82	4.1	71.6	14.9	63.4
54	12	23.94	100.8	89	4.4	102.9	45.6	194.8
38	15	20.35	67.5	76	4.2	68.1	58.4	188.7
34	12	31.52	106	85	4.4	93.7	28.2	118.8
54	8	27.77	136.6	86	5.1	95.5	44.4	271.8
36	5	15	52.2	67	4	88.3	98	161.5
47	0	32.97	112.2	80	4.4	127.1	34	144.9
62	9	27.43	101.3	76	4.2	110.8	54.1	172.9
35	6	31.62	90.1	106	4.1	82	28	174.7
79	7	25.65	103.9	101	4.6	127.2	33.8	206
53	11	36.63	146.8	108	4.9	96.6	56.4	120
69	10	24.71	135	84	4.9	84	46.7	156.3
36	15	15	57.3	60	4	69.4	37.8	143.8
61	4	21.66	104.8	73	4.3	56	43	159.4
24	14	30.01	83.2	84	4	86.1	66.6	232
61	5	27.95	101.2	99	4.2	101.8	46.6	141.3
85	12	26.26	89.3	97	4.8	127.8	58.6	141.2
51	9	21.08	124.6	79	5.1	38.7	23.8	150.4
83	4	27.11	137.2	91	5.5	155.9	41.8	144
86	1	26.91	112	100	5.1	76.9	43.6	141.1
72	3	26.85	119	80	5	88.4	38.9	169
27	7	30.23	93	82	4.6	89.5	48.1	154
59	9	28.09	124.9	85	5.1	81.1	45.4	161.1
58	6	25.49	99.9	98	4.6	90.9	60.9	180.9
86	7	20.98	107	60	5.1	92.9	66.6	193.8
27	6	35.16	98.9	87	4.2	95.4	40.7	200
27	3	38.89	125.3	96	4.8	147.6	68	198.3
77	6	37.47	171.6	88	5.5	78	39.1	178.9
68	16	31.19	117.1	102	5.2	155	51.8	92.4
38	3	16.95	73.5	63	4	116.4	30	116.9
25	4	16.22	69.6	60	4.3	53.4	45.7	129.2
82	9	23.71	117.3	98	4.8	75.1	72.9	143
47	16	26.67	97.4	74	4.4	71.5	52.1	115.5
66	1	26.43	105	95	4.5	99.3	46.1	109.5
26	4	28.16	95.6	79	4.5	139.6	20	81.3
34	15	18.65	53	62	4	124.4	49	132.6
86	13	36.64	133.1	98	5	69.5	51.4	155
75	4	36.03	104.5	97	4.7	136.5	42.9	136.5
74	7	19.13	92.9	87	4.1	68.7	45	134.4



79	0	15.83	81.9	86	4.2	73.2	48.4	161.1
69	5	26.46	121.8	95	5	131.5	50.5	178.3
78	14	34.57	122.1	102	5.3	130.8	47.3	161.2
57	13	26.81	101.6	92	4.9	124.5	67.6	168.1
55	0	28.56	77.4	90	4	100.6	34.5	186.4
60	12	24.36	119.1	76	4.4	97.8	73.2	124.6
80	5	27.88	104.5	84	4.9	64.9	46	205.2
36	13	32.67	101.1	84	4	99.6	58	124.3
67	14	29.47	129.1	85	5.1	79.8	66	132.6
50	7	30.45	122.6	89	4.5	94.7	52.9	50
30	0	17.02	57.4	78	4	168.8	49.5	123.2
79	14	39.83	152.1	114	5.7	109.7	52.2	83.8
60	4	17.09	71.9	86	4	66.7	20.9	208.5
66	2	27.94	117.4	89	5.3	137.3	10.2	192.9
53	8	26.1	91.9	81	4.5	140.3	61.3	119.6
27	15	26.36	76	60	4.2	143	45.1	127.5
23	15	32.22	101.5	89	4.4	85.7	37.2	76.5
74	16	22.75	96.6	77	4	96.7	53.3	108
18	7	24.4	113.1	61	5	62.2	47.6	176
88	0	20.12	100	74	4.7	146.8	30.6	211.3
75	4	33.73	112.1	104	4.8	103.7	64.2	144.2
38	11	28.6	87.7	76	4.2	58.9	67	153.5
73	11	30.82	122.9	112	5	149.6	53.2	154.9
37	1	31.87	108.9	98	4.9	79.6	52.5	123.3
71	0	38.95	143	102	5.6	88.2	49.8	162.8
42	11	37.9	135.5	73	5.4	68.6	51.8	134.9
45	7	28.94	80.3	86	4.5	63.8	55.2	180.9
22	14	27.95	106.3	73	4.7	111.7	43	146.8
38	6	23.81	77.9	84	4	79.1	62	76
35	3	31.46	111.4	85	4.8	54.3	52.6	174.3
64	4	31.24	145.3	105	5.5	129.7	61.6	156.1
87	4	22.62	101.8	92	4.1	115.1	68.9	126.4
74	0	31.32	112	84	4.7	153.6	50.5	147.7
36	11	33.05	93.7	80	4.5	88.8	55	102.6
82	11	20.27	101.5	78	4.7	101.2	59.7	96.3
20	0	28.14	110.3	74	5.1	106.3	51.1	130.2
59	8	26.61	91	82	4.7	104.2	44.8	164.9
38	0	26.97	90.5	87	4	107.5	52.7	170.2
57	15	21.28	110.7	82	4.8	90.4	69.5	92.4
84	7	16.04	108.4	73	4.8	45.9	13.7	149.3
42	1	22.47	83.4	80	4	108.6	61.2	95
72	9	21.63	101.1	70	4.2	117.3	52.3	153.5
69	0	29.12	131.5	99	4.8	89.9	42.2	140.3
61	11	29.22	137.7	98	4.9	174.6	63	157.7
73	16	28.88	144.8	95	5.7	85.7	31.9	113.8
72	3	18.62	118.9	82	4.5	81.2	44	213.3
87	5	20.28	99	91	4.2	113.3	69.7	246.5
83	1	23.3	140.4	98	5	107.1	21.6	137.3
36	9	27.14	86.2	86	4.4	52.8	57.5	113.2
24	9	24.99	62.2	84	4	123.9	71.6	94.4

80	13	28.86	124.4	79	4.5	86.3	66.6	85.3
59	8	32.85	142.3	96	5.2	137.2	56	199.9
59	0	21	106.5	76	4.4	112	35.6	124.4
76	6	21.23	104.4	84	4.5	92.9	63.4	82.2
37	0	27.81	103.5	89	4.8	138.2	40.6	91.4
34	2	26.51	103	79	4.1	83.5	47.7	87.1
44	11	31.46	112.1	89	4.3	59.9	49.2	213.4
64	11	27.05	106.7	92	4.4	59.1	31.5	221
19	3	37.44	98.3	74	4.9	107.3	69.4	138.4
80	5	17.47	101.6	93	4.2	154.6	48.6	131.9
79	7	32.04	126.7	98	5.5	95.7	48.9	50
36	12	28.2	99.5	95	4.8	122.8	40.8	77.8
34	9	18.58	94.8	60	4.4	109.3	39.4	104.3
86	7	15	94.3	67	4.6	87.6	59.3	179
56	10	20.25	90.4	72	4.3	50.3	59.6	268.7
88	2	34.25	140.3	106	5.4	105	94.6	186.7
56	6	33.57	159.5	90	5.8	124.1	45.3	141.4
53	8	26.23	87.6	75	4.4	113.7	43.6	157
57	8	24.83	119.5	86	4.5	89.8	66.6	155.1
62	3	21.86	95.2	93	4.5	84.1	62.6	132.7
21	5	25.88	86.3	89	4.4	81	45.7	141.3
42	3	24.16	74.6	73	4	80.2	55.3	63
86	2	37.26	170.7	98	6.4	101.4	73.4	112.3
47	6	19.58	91	68	4	95.3	32.1	128.8
85	8	29.35	136.1	114	5.6	115.2	38.9	93.6
46	6	37.54	100.6	108	4.7	70.9	56.4	159.5
85	9	31.65	121.2	104	5.1	99.2	39.9	176.1
68	3	20.25	105.7	74	5	98.9	40.6	214.1
41	3	17.75	78.6	76	4.4	84.7	68.4	128.2
31	12	28.65	104.5	102	4.4	109.2	56.2	54.5
86	1	27.9	155.3	94	5.8	73.2	49.2	229.2
35	1	34.39	118.8	70	4.4	135.8	38.3	100
59	6	30.29	108.3	80	4.6	112.7	55.5	251.9
74	13	24.09	100.4	86	4.9	116.3	67.6	226
29	8	23.68	75.4	70	4	97.8	30.6	132.3
34	11	19.16	73.9	80	4	90.1	31.7	134
47	1	27.78	98.3	77	4.5	78.3	60.2	87.8
40	2	18.57	83.9	66	4	75	41.6	50
18	5	32.46	106.8	75	4.5	54.1	37.9	175.6
49	13	30.53	117.1	96	4.9	102.8	39.8	141
26	12	30.34	100.7	72	4.6	121	61.3	205.6
32	6	19.07	82.2	63	4.1	63.3	60.9	212.9
45	9	26.1	137.7	65	5.3	139.7	55.9	59.7
41	4	24.66	84	72	4.7	52.8	43.6	152
77	1	27.62	118.2	109	5.3	125.6	37.8	256.1
52	0	30.17	84.6	106	4.4	74.6	41	98.8
44	2	23.92	89.1	83	4	132.4	36.7	207
37	9	24.14	78.3	79	4	122.9	44.1	166.9
82	9	31.08	117.2	92	5.2	179.5	50.5	163.9
66	9	20.22	80.7	80	4	81.3	61.1	145.8

18	13	22.52	58.8	68	4.1	32.9	50.6	85.8
27	16	27.04	94.4	76	4.4	43.3	47.5	68.4
64	3	32.4	132.5	103	5.5	93.8	75.5	116.8
76	8	21.19	93.8	73	4	104.9	-2.2	92.5
79	7	37.74	109.6	133	4.6	78.5	59.6	174.6
35	7	18.9	82	83	4.3	110.9	57.8	253.8
63	4	36.3	136.1	93	5.6	126.8	58	224.6
49	11	34.2	128	95	5.2	117.5	63.9	124.1
44	0	18.42	68.5	62	4	98.8	32.2	207.4
35	14	17.21	67.8	70	4.2	74.6	64.3	191.6
56	14	31.32	99	90	4.6	125	55.8	160.5
66	16	24.74	96.4	66	4	141.5	44.1	234.1
61	16	20.96	85.6	68	4.2	82	59.4	58.2
89	3	37.87	137.6	124	5.5	64.9	52.7	115.8
71	11	19.84	96.4	76	4.4	134.6	35.9	189.3
51	13	22.64	97.5	74	4.8	109.6	19.6	165.4
88	15	23.35	103	96	4.5	109	30.3	116.4
53	16	15	79.4	75	4.2	151.6	39.3	81
35	11	27.55	84	78	4	46.2	55.9	74.5
55	12	21.53	69.2	60	4	93.6	28.4	142.5
76	0	31.86	134.8	90	4.9	111.3	56.2	185
26	16	32.65	93.4	63	4.1	160.4	54.7	214.8
89	8	28.39	100.3	83	4.3	98.5	80.9	97.3
68	13	28.46	124.3	91	4.5	85.5	55.4	135.6
52	1	27.98	103.2	86	4.2	106.5	19	102.5
22	9	22.8	88.4	81	4.2	121.9	67.2	171.6
31	1	23.31	93.4	71	4	135.8	36.3	179.1
47	5	34.94	102	85	4.2	144.1	35.5	105.6
21	16	31.41	112.3	93	5.2	42.6	47.1	82.7
56	4	28.24	82	104	4.1	77	58.3	237.8
81	8	30.6	120.7	107	4.8	125.9	45.9	151.9
42	10	26.63	92.3	79	4.1	107.8	50.1	154.7
45	16	28.11	92.1	80	4.4	113.1	36.3	90.3
83	10	30.57	146	86	5.5	81.2	32.5	141.6
39	6	15	79	60	4	107.2	53	114.8
48	7	32.44	92.8	86	4.2	93	27.1	120.3
40	5	32.01	90.1	74	4.5	114.2	39.3	101.9
65	7	22.32	134.5	77	5.6	115.3	45	207
37	15	34.46	105.3	87	5	109.7	53.5	114.4
55	9	15	70.6	79	4	108.3	46.1	192.7
72	3	29.12	136.6	77	5.4	94.9	45.2	88.8
85	5	27.24	95.3	96	4	147.7	31.5	219.6
18	1	25.14	105.1	60	4.7	133.6	43.8	157.6
24	6	27.12	79.3	60	4.1	101.7	46.3	183
74	2	30.5	130.7	91	5.1	125.8	56.2	65.4
29	8	16.17	64.7	61	4	160.8	38	181.5
22	0	33.01	78.4	96	4.3	72.9	36.6	259.1
67	11	24.54	110.3	82	4.9	79.1	31.8	158.3
59	3	33.09	134.9	89	4.7	102.6	52.3	277.6
29	7	30.86	66	75	4.1	109.4	44.7	59.7

35	13	24.41	74	69	4.3	84	48	101.4
83	10	26.52	138.1	60	4.8	121.2	42.9	171
34	11	26.88	101.7	70	4.4	97.5	43.5	101.5
85	2	36.64	147.7	116	5.7	132.8	40.9	257.8
88	10	20.16	123.3	60	5	80	57.5	96.6
79	9	24.37	120.3	84	5.1	74.2	50.6	187.2
58	16	17.51	91.2	68	4.3	94.1	72	114.9
51	5	27.74	122.7	92	5.4	95.5	45.4	51.8
87	5	23.26	109.2	90	5.1	73.1	73.6	142.6
62	15	23.99	103.7	86	4.4	103.2	45.7	132.4
75	8	35.91	146.7	96	5.3	80.3	57.7	169.9
68	1	22.06	91.6	63	4.3	157	40.8	192
51	2	26.04	124	77	4.6	98.2	57.3	113.5
61	15	24.25	108.4	81	4.6	111.1	15.4	192.9
32	8	24.63	73	86	4.2	62.6	31.3	152.2
87	11	43.63	152.9	105	5.9	116.5	35.3	107.5
67	9	16.59	70.9	93	4.3	75.8	80.8	115.4
49	1	30.86	112.5	90	4.3	127.4	65.8	151.2
84	9	41.56	144.4	107	5.7	53.8	53.9	172.4
20	8	33.47	89	76	4.3	99	43.8	144
68	1	27.28	86.9	87	4	131	41.3	138.2
84	4	19.96	95	82	4.4	105.3	40.9	111.1
65	0	34.83	124.5	99	5.3	95.8	60.1	153.1
34	15	32.62	101.7	93	4.5	140.1	51.4	161.3
24	1	17.82	51.3	60	4	75.4	63.5	246.7
30	12	25.08	90.5	75	4.4	64.9	58.4	101.7
83	16	19.76	91.2	79	4.3	68.7	56.2	214
21	12	15	79.3	73	4	69.8	38.2	186.5
27	15	19.62	93.8	60	4	112.5	38.2	143.2
34	1	27.63	93.4	101	4.5	91	52	244.1
69	16	30.48	144.1	85	5.5	129.5	55.7	144.3
23	9	25.06	84.5	61	4.2	113.8	47.1	162.6
86	8	35.24	119	103	4.9	111	31.3	131.1
26	5	33.18	122.1	87	5.3	47.9	53.4	183.1
38	1	26.25	120.7	75	4.7	117.2	61.3	149.8
41	16	25.48	111.4	84	4.8	137.5	33.5	104.7
21	14	29.3	82.6	73	4.3	103.1	45.6	169.8
41	14	26.89	80.7	74	4	71	35.8	229.3
76	16	18.45	94.6	69	4.8	53.4	64.3	119.6
20	6	25.23	122.6	84	5.2	129.9	79.9	193.4
85	15	30.99	111.8	103	4.3	103.1	69.7	119.8
57	10	34.89	135.6	85	5.6	59.2	26.3	169.7
65	11	32.76	121.6	92	5.4	111.5	55.2	177
71	12	29.01	132.7	79	5.4	99.3	58.3	212.1
52	5	35.74	103.6	124	4.5	147.7	76	109.4
73	3	29.54	116.8	96	5.3	75.8	41.3	139.4
57	15	26.47	93	64	4	111.2	48.1	122.5
85	3	35.87	126.6	93	5.1	135.6	32.3	185.7
63	9	31.32	130.2	81	4.8	113.8	29.8	182.2
30	7	34.81	92.8	92	4.3	95.3	51	159.6

44	0	19.87	91.1	60	4.7	89.9	72	146.2
23	13	21.84	81	60	4.4	90.6	50.4	194.2
34	15	22.1	71.9	68	4.2	84.8	50.7	87.3
53	9	28.09	96.6	85	4.3	79	31	157
19	14	37.95	115.4	85	5.2	134.1	52.2	201.3
69	7	20.17	99.5	74	4.4	131.5	41.7	82
83	4	32.43	131.9	87	4.7	121.8	43.2	129.4
69	12	19.78	95.6	82	4.5	106.6	75.6	127.5
60	1	39.71	130	85	5	105.6	43.4	130
39	4	17.42	79	64	4	53.1	44.9	238.8
72	3	31.44	145.5	114	5.8	120.9	53.3	50
84	3	32.28	139.5	97	5.4	100.4	-3	127.4
77	8	30.72	123	83	5.4	64.1	38.3	177.1
75	11	21.74	89.8	81	4.4	131.5	23.1	190.4
29	12	20.66	74.5	64	4	95.1	41.7	203.1
86	6	34.63	123.5	107	4.5	122.5	78.6	78.5
56	9	33.29	107.6	96	5.1	113.2	8.4	209.9
30	6	33.21	78.4	96	4	72.8	25	205.3
58	13	33.94	121.7	91	5	122.4	70.3	111.1
74	7	17.78	128.6	68	4.9	80	47.6	104.5
70	13	17.6	98.1	67	4.6	50.1	56.6	89.7
29	6	22.97	96.4	64	4.2	122.3	51.5	50
30	16	24.12	102.6	76	4.1	106	51.9	249.5
74	6	23.48	104.7	71	4.8	103.4	44.8	152.9
57	15	28.66	107.5	78	4.5	122.7	1.3	60.6
62	8	33.69	102.4	97	4.6	65.6	49.7	50
52	8	25.24	104.4	93	4.9	71.4	66.5	100.1
20	2	22.11	80.1	60	4.3	66.6	65	126.8
22	14	31.88	86.9	85	4.1	85.8	58.7	185.3
28	5	25.31	106.8	72	4.9	110	48.4	201.3
88	12	27.64	112.6	100	5.2	161.2	52.3	163.7
73	10	25.01	154.2	88	5.7	92.7	62.9	153
27	13	29.04	102.6	79	4.8	104.9	27.1	164
51	9	20.92	92	100	4.7	57.2	77.1	211.7
84	5	31.36	158.8	129	6	83.5	65.1	153.6
89	7	26.8	88.9	92	4.1	38.3	77.7	174.1
48	15	22.41	89.5	66	4.8	168.4	54.7	92.2
88	4	30.19	122.9	102	4.5	43.2	42.1	159.4
83	6	22.41	108.6	92	5.2	84.5	56.9	124.4
87	5	22.67	117.2	101	4.6	95.7	61.3	168.8
58	11	19.79	90.4	60	4.2	153.1	78.9	131.9
80	10	16.78	119.6	73	5.3	106.7	45.6	168.3
49	13	30.21	116.5	82	4.6	57.9	43.8	110.5
37	11	33.99	118.7	82	4.6	90.9	65.9	99.1
74	8	24.3	117.5	71	5	101.8	46.5	108.5
67	11	22.21	83.6	79	4.4	80.6	41	111.2
42	10	16.13	81.3	71	4	77.7	41.9	164.8
29	3	15	73	60	4	75.5	19.7	187.9
88	6	31.36	114.9	102	4.8	76.4	39.3	156.7
56	3	15.16	96.6	71	4.2	72.1	56.3	155.7

34	15	20.14	51.7	84	4	73.1	49.9	155.7
62	0	28.7	151.2	96	5.2	89.7	57	204.1
28	4	27.54	93.5	76	4.2	122	69.9	97
87	3	28.95	113.6	100	5	61.3	85.8	162
40	1	27.04	108.3	88	5	75.1	45.9	158.3
87	15	24.86	127.6	92	5.1	101.2	32.9	194
55	7	20.17	123.5	82	4.5	115.2	43.4	110.2
19	1	23.2	107.6	65	4.8	143.9	61.6	229.1
89	8	25.27	100.1	104	4.9	120.6	87	144.6
54	0	15.66	79.3	62	4.1	104.1	52.4	89.1
66	9	22.28	88.9	74	4.3	98.6	57.2	124.1
69	13	24.77	120.2	81	5.4	95.7	46.6	185.3
50	6	22.87	117	67	5	64.5	52.3	140.1
39	11	24.94	74.6	84	4.3	111.2	68.6	114.3
22	7	31.01	97.1	65	4.6	86.3	62.1	218.6
35	14	31.75	96.5	81	4.2	103.9	49.1	178
55	14	36.07	137.3	101	5	71.4	53.8	138.4
54	7	17.95	94	71	4.5	96.6	44.5	162
81	2	24.48	132.1	88	5.1	71.5	67.8	195
27	10	34.37	100.9	86	4.4	115.4	77.9	209
59	12	16.53	85.8	72	4	91.6	37	121.3
65	1	19.94	103.3	67	5	104.6	38.1	187.5
61	14	23.31	98.1	76	4.8	86.2	44.6	245
33	3	39.27	124.5	94	5	120	62.8	119.1
71	1	21.15	121.9	85	5.1	110	43.6	170.1
52	2	33.5	150	103	5.2	74.2	64.1	173.7
45	1	26.83	93.8	80	4.4	71.8	26.5	142.3
19	14	20.12	107	71	4.6	125.4	48.9	106
30	7	43.8	120.1	103	5.1	30.5	52	105.9
58	10	28.17	123.4	86	4.9	140.7	36	139.7
76	6	29.26	114.1	102	4.8	77.5	47.9	109.1
86	4	30.21	113	84	4.6	118.7	66.6	79.7
70	9	29.74	137.8	98	4.8	110.6	47.9	88.1
62	15	39.91	135.1	99	5.6	88.4	56.3	123.9
37	0	37.72	138.2	106	4.8	108.4	71.3	141
41	0	21.41	99.6	65	4.3	101.1	36.3	120.7
78	2	39.11	148.4	106	5.4	122.3	53.9	104.9
75	3	22.8	116.4	69	4.6	76.1	7.3	199.6
44	15	28.93	121.2	88	5	119.3	29.1	95.2
43	14	18.29	97	64	4.4	41.2	61.2	151
24	4	33.22	97.4	79	4.2	116.9	42	209.6
59	8	25.16	111.2	83	4.3	99.3	54.3	156.8
64	7	20.1	119.7	60	4.5	113.4	27.3	262.5
70	0	34.13	128.9	93	5.1	117.3	9.4	174.7
76	12	35.62	126.8	102	5.4	142.9	39.5	137.9
55	15	35.82	114.8	112	4.4	102.8	41.4	126.2
86	16	17.86	116.5	82	5	73.1	44.7	184.9
70	16	36.44	129.3	107	5.4	153.5	72	180.3
32	1	25.2	96.8	76	4.2	110	19.2	175.3
43	9	39.31	120.8	133	5.1	125.1	39	116.4

65	13	30.75	136.6	102	5.4	87.6	44.5	135.4
36	5	28.51	102.3	61	4.8	87.3	47.9	80.2
26	13	27.05	113.5	78	5.2	103.4	64.9	145.1
81	14	26.92	140.2	103	5.2	116.1	49.1	167.7
71	8	22.92	105	69	4.3	108.2	61.9	116.4
68	15	20.59	120.2	80	4.9	70.1	67.8	130.9
56	8	24.82	97.6	76	4	145.6	29.1	134.7
21	15	34.15	107.8	76	4.5	64.2	66.9	166.9
20	4	18.62	60.5	75	4.1	109.9	47.1	91.6
81	13	35.04	144.5	98	5.4	100.7	50.7	121.4
46	5	27.86	108.2	77	4.6	175.8	52.2	85.4
28	0	31.69	110.1	74	4.5	87	56.2	135.2
75	10	32	106.1	87	4.4	63.2	27.9	165.9
44	10	32.57	82.3	84	4	119.5	26.5	175.6
38	7	27.13	81.3	74	4.5	84.9	42.3	180.4
56	9	27.31	115.1	73	5.3	131.9	59.1	126.5
63	13	32.36	131.3	95	5.2	126.3	69.3	201
83	13	20.75	124.9	60	4.6	121.2	39.8	242.6
53	8	19.83	85.1	74	4.5	76.7	62.9	137.6
82	10	24.21	117.5	98	5.2	125.9	46.8	154.6
80	8	28.73	111.9	89	5.2	169.2	55	137.1
52	13	38.53	148.6	104	5.6	88.6	41	131.8
48	8	27.29	92.9	80	4.4	94.1	52.1	117.4
45	9	39	143.2	123	5.5	95.8	36.2	175.1
18	8	30.09	90.4	88	4	90.9	51.4	207.3
42	5	24.28	118.2	68	5	104.1	63	84.5
60	16	33.88	125.5	109	5.2	100.6	43.9	179.2
84	12	25.54	120.5	115	5.1	98.3	53.8	108.2
80	1	28.51	110.7	92	4.8	73.4	55.5	169.1
68	3	18.98	129.5	81	5.3	135.7	66.7	167.1
19	0	17.95	85.3	70	4.3	111.2	22	174.2
81	4	30.32	133.8	86	4.8	129.1	60.5	164.6
86	3	33.62	138.8	85	5.7	117.9	33.7	134.7
26	2	38.67	105.4	95	4.7	20.3	32.3	141.5
19	11	22.14	88.9	60	4.5	127.1	40.3	217.9
51	1	35.78	121.1	94	4.8	124.3	36	155.6
77	5	34.89	134.1	113	5.6	107.2	53.1	180.4
78	16	24.05	125.5	93	5	165.1	35.5	136
48	11	35.33	123.9	100	5.2	131.4	58.6	148.4
27	11	32.67	104.1	83	5	130.2	17.9	202.2
53	11	33.85	140.7	88	5.7	49	66	103.6
66	15	40	125.7	100	5.2	140.3	26.7	150.7
87	0	33.6	110.9	121	4.4	120.3	56.1	141.6
66	16	15	76.1	92	4.5	59.8	37.9	210.2
20	10	28.94	95.2	88	4.9	109.6	43.6	232.8
22	5	17.6	81.6	60	4	49.4	36.9	186.2
78	4	27.91	108.7	82	4.6	120.5	18.1	221.7
43	8	27.56	156.9	109	5.7	105.4	43.1	100
89	3	23.5	119.2	94	4.5	82.1	31.6	50
22	14	20.83	79.9	70	4	121.2	28.6	171.1

32	12	23.82	69.3	67	4	77.3	43.6	189.7
33	8	24.98	69.8	82	4.4	103.6	45.8	131.9
18	4	26.21	59.7	70	4	133.2	51.3	121
33	8	27.63	117.3	68	5.3	89.8	57.4	166.7
54	12	30.51	131.2	86	5.5	71.5	31.9	219.6
20	10	25.12	85.2	75	4.6	132.7	29.1	166.2
69	2	34.68	110.6	116	4.6	103.3	61.3	197.1
64	13	26.77	106.4	71	4.6	160.2	45.1	194.1
30	12	32.55	126.4	73	4.9	115.6	79.5	176.9
72	16	25.17	103.8	83	5	122.9	19.2	209.5
38	0	43.46	117.4	95	4.9	110.9	55	119.5
83	10	29.8	120.4	97	4.5	116.7	37.8	120.6
71	3	36.81	129.7	99	4.9	118.3	38.3	121.8
44	12	22.84	103.8	76	4.5	120.3	41.8	163.5
55	12	24.32	68	82	4.3	66.5	70.1	215.9
75	7	25.49	116	75	4.9	74.2	24.9	184.5
79	0	41.84	137.7	112	5.5	119.8	24.6	50
63	11	25.72	99.9	77	4.1	102.8	59.2	301.3
28	8	22.06	94.4	80	4.8	77.1	75.6	174.3
89	14	34.81	119.6	100	4.9	109	39	213.8
25	3	27.35	94.9	71	4.8	148.4	66.3	175.1
88	13	25.69	127.6	83	5	105.7	63.1	85.6
81	8	23.34	120.9	87	5.1	112.7	54.2	180.3
38	9	29.93	114.5	82	4.8	113.6	52.7	94.1
89	2	33.38	144.8	119	5	81.7	44.3	170.7
80	1	31.73	139.2	99	5.1	98.5	63.6	177.9
81	9	24.12	100.5	101	4.1	37.3	60	203.5
37	2	21.07	106.1	86	4.6	71.7	41.4	134
25	15	15	50	60	4	97.6	26.2	50
75	10	21.33	110.7	80	4.5	64.3	38.3	142.1
63	3	24.77	95.8	78	4.4	99.4	34	186.3
48	4	26.65	76.5	70	4	91.1	49.2	155.8
26	8	25.38	80.2	97	4.1	139.7	57.2	151.6
32	10	43.81	126.8	97	4.7	160.7	55.8	134.6
43	16	29.95	127.2	76	5.1	98.3	56.9	192.8
27	9	19.57	104.9	60	4.5	111.3	52.9	228.3
46	14	30.93	107.9	81	4.4	136.3	49.7	145.5
53	5	29.35	89.4	84	4.4	99.8	49.1	193.3
54	1	20.7	73.8	87	4	112.6	68.5	201.4
88	10	28.73	138	115	5.7	58.2	42.7	114
40	16	30.18	116	64	5.3	115.5	46.7	109.8
58	4	33.15	111.2	111	4.9	138.3	17.6	208.3
45	15	16.35	62.6	82	4	66.5	41.8	116.4
65	2	30.89	134.2	87	5.3	50.2	45.5	140.2
55	11	35.46	105	88	4.7	138.8	67.9	172.7
48	12	38.33	119	105	4.8	90.5	30	107.1
31	15	19.64	86.9	60	4	76.6	48.1	145.2
46	9	26.12	70.2	95	4	102.9	47.8	170.5
68	0	26.71	126.7	93	4.8	83.6	59.6	59.2
66	9	31.05	155.8	86	5.8	68.9	43	157.6



60	6	26.01	108.7	87	5.1	54.3	59.1	84.1
89	13	22.71	114.4	89	4.7	154.1	53.8	129.2
22	14	28.3	93.3	60	4	150	38.6	144.4
59	8	24.97	107.8	73	4.2	92.5	33.3	50
24	11	30.37	86.8	74	4.1	178.5	81.4	133.2
59	16	22.14	81.9	82	4	139.9	41.9	79.3
53	13	20.87	87.9	80	4.1	98.5	24.6	79.1
44	16	34.89	119.1	105	4.6	168.1	43.2	149.8
75	2	40.64	128.8	104	5.2	38.7	39.9	202.1
63	8	37.93	112.2	88	4.9	93.7	32.5	189.4
83	2	26.57	113	84	5.2	152.8	49.4	116.7
42	5	33.33	92.7	83	4.6	89.8	52.8	93.2
44	8	22.88	102.8	67	4.2	135.2	19.7	140.9
18	11	30.05	50	78	4	70.6	51.9	189.2
59	12	23.5	84	87	4	80.2	61	173.6
69	3	34.54	149.8	96	5.6	111.6	35.5	100.1
42	0	33.74	110.2	96	4.3	119.9	29.9	128.7
71	0	39.46	142.2	118	4.9	106.3	34.5	112.1
84	4	25.62	116.3	91	4.8	87.6	42.2	50
23	0	36.47	100	78	4.1	72.1	49	204.8
75	16	30.04	139	92	5.1	170.9	32.5	178.1
87	16	27.45	114.8	105	4.6	110.5	43.3	225.8
70	7	29.02	105.6	98	4.9	133.2	46.2	218.8
83	3	37.19	150.7	98	5.3	129.7	51.6	158.9
75	14	26.21	86	101	4.2	85.8	27.5	201.4
19	2	26.51	83.2	70	4.4	101.5	37.3	137.5
39	13	15	66.7	60	4	76.9	38.2	166.4
54	10	26.12	99.7	83	4.8	123.1	72.6	123.8
37	7	28.59	93.4	66	4.7	95.3	64.4	150.9
41	16	22.43	96	80	4.9	148.9	47.4	179.8
82	14	20.95	124.4	95	4.9	51.8	25.9	182.7
82	5	15.89	104.7	66	4.5	115.1	61.5	50
18	6	23.49	75.9	66	4.2	176.4	66	193
20	9	35.53	115.5	96	4.4	78.1	47.1	90
63	6	18.11	103.9	60	4.1	104.9	41	123.9
72	6	31.73	129.9	84	4.9	89.5	37.8	62.3
81	3	32.28	145.8	98	5.6	126.9	58.5	117.8
62	0	41.72	104.2	106	4.2	40	57.6	219.7
43	11	33.23	113.4	91	4.9	64	32.3	168.9
82	5	32.73	136.1	100	5	70.3	35.5	157
41	5	29.21	81.7	70	4.3	126.5	32.2	246.9
52	1	27.01	108.3	67	4.6	94.6	74.8	114.7
41	5	32.11	123.4	75	4.6	81	52.3	162
45	14	34.49	113.1	98	4.5	112.3	64.7	209.6
33	11	28.02	107.4	89	4.4	106.8	49.9	195.8
76	16	34.75	147.8	102	5.1	94.2	54.2	182.7
71	12	44.3	169.2	122	5.9	85.1	43.6	206.5
33	11	27.43	113.8	72	5.2	72.9	69.9	195.1
32	9	27.59	116.7	75	5	142.9	52.7	182.4
28	13	26.45	84.4	85	4.5	144.9	47.1	89.7

82	2	27.8	115.7	98	5.3	60.7	20.2	153.6
85	15	34.34	99.1	106	4.5	88.3	55.9	203.7
60	12	27.52	94.1	85	4.1	113.6	55.8	115.9
86	15	28.14	142.6	84	5.8	73	67	115.8
30	4	25.5	81.9	76	4.3	122.3	43.4	153.3
27	6	29.93	104.3	84	5	106.6	37.4	203.8
58	1	23.98	105.6	103	4.8	125	75.5	109.3
67	11	19.64	116.4	76	5.1	169.6	27.1	114.1
88	15	29.69	98.1	95	4.9	49.9	36.1	57.5
76	0	38.88	146	111	5.7	143.9	71.4	110.2
56	7	25.26	108.6	97	4.7	84.3	62.6	189.4
20	12	20.75	63.6	68	4	121.1	44.6	109.9
24	2	38.49	128.4	91	5.4	116.9	45.1	97.4
66	5	27.27	91.6	80	4.6	142.5	46.1	132.1
43	0	32.67	127.8	81	4.9	103.2	61.6	131.1
50	7	22.63	62.9	84	4	76.8	61.8	190.2
65	13	27.06	98	85	4.6	108.7	58.2	88.6
19	6	35.4	103.2	106	4.1	152	60.8	70.7
88	10	27.78	127.8	96	4.8	111.9	57.7	206
49	0	27.86	77.2	89	4	84.3	13.2	174.6
21	15	18.07	87.3	60	4.6	96.8	54.9	89.8
37	6	31.72	118.2	78	4.7	109	44.2	207.3
53	14	22.28	124.6	84	5	105	82.1	50.8
49	10	33.72	127.5	105	5.4	100.8	27.8	196
45	3	28.21	92.9	73	4.1	130.9	31.5	206.2
18	10	28.75	75.4	69	4	162.2	51.6	225.9
77	8	31.64	120.5	91	5.4	130	31.7	90.3
73	6	29.25	152.7	100	5.8	120.2	88	148.4
52	14	37.31	126.3	103	4.7	132.5	58.3	75.9
47	12	36.36	122.6	95	5.3	120.9	41.1	220.9
71	1	19.7	120.6	71	5.2	105.9	55.8	183.5
53	16	25.98	86	98	4.6	84.1	53.3	154.3
72	14	32.02	133.1	107	4.9	84.1	40.2	111
75	12	21.34	112.9	62	4.7	101.1	30.7	139.1
82	2	17.59	115.5	87	5	110.3	33.1	151.6
86	0	22.44	125.7	84	4.9	135.7	43.3	210.1
68	15	26.31	110.7	81	4.3	98.3	64.7	185.8
39	2	15	53.8	69	4	91	59.2	133.3
70	8	20.32	92.2	82	4.4	109.7	82.8	110.6
53	7	16.33	96.8	69	4.3	114.4	37.2	172.7
85	11	33.88	163.1	95	5.3	84.1	32	192.4
53	3	32.59	98.3	102	4.7	80	47.5	203.6
69	3	28.67	97.5	79	4.4	120.8	56.5	106.8
70	16	27.6	91.6	98	4.1	97.8	56.9	133.1
67	3	30.27	107.5	94	4.9	136.9	55.4	184.4
58	15	21.01	110.2	76	4.7	109.9	53.1	119.3
35	5	34.52	131.3	84	5.3	99.4	41.8	163.9
39	12	27.56	68.4	82	4	66.2	43.8	156.2
83	13	32.51	113.4	87	4.3	101.8	73.6	118
38	11	32.26	87.6	100	4.3	72.1	32.1	219.1

61	2	30.2	102.9	87	5	63.1	53.7	148.3
64	11	28.88	111.4	83	4.5	146.9	67.4	114.2
56	7	28.43	103.9	85	4.8	86.9	34.8	197.1
46	14	26.62	108.9	77	4.4	128.3	34.7	231.7
71	8	29.9	91.4	106	4.1	68.3	54.3	153.9
34	6	28.24	90.7	63	4	80.2	56.4	109.2
77	14	24.08	132.2	86	5.5	77.5	45.3	82.2
48	6	30.66	131.4	104	4.9	122.1	56.8	146.4
66	7	28.68	140.3	91	5	114.9	25.3	272.9
19	7	34.26	108.9	86	4.9	61.8	40.4	176.1
65	6	16.14	80	71	4	59.1	67.4	115.4
31	10	27.22	97.6	71	4.2	116	22.3	140.1
76	6	22.65	146.2	90	5	140.8	80.8	108.8
75	16	23.89	102.3	84	5	139.3	48	164.8
75	11	30.36	150.7	97	5.3	78.2	74.1	71.9
68	16	18.38	59.2	81	4.2	88.5	67.5	168.5
19	7	27.8	98.7	79	4.2	115.7	53.4	150.4
58	2	27.18	118.1	87	4.4	117.9	53.9	229.1
33	4	20.7	88.5	77	4.7	107.5	78.4	175.9
21	9	27.95	98	86	4.5	89.1	34	199.4
29	15	22.43	92.2	78	4.2	114.3	48.3	187
46	10	40.18	136.9	112	5.3	104.9	41.1	160.6
24	14	34.21	100.5	100	4.3	106	37.5	179.3
31	5	27.4	91.2	66	4.5	126.8	67.2	161.2
29	9	24.41	67.9	100	4	133.4	55.8	91.6
22	14	30.02	107	81	4.2	110.5	55.4	177.8
49	9	31.6	132.2	87	5.6	108.9	55.4	139.9
60	12	28.53	138.2	90	5.2	95.3	61.7	232.7
86	10	20.91	97.5	70	4.1	104	47.2	110.1
62	4	25.74	81.6	87	4	122.8	66.2	82
26	5	27.47	98.6	69	4.8	114.8	48.6	190.7
66	14	28.74	98.1	91	4.3	83.7	50.1	50
50	2	28.88	116.3	87	4.9	82.1	44.3	197
35	0	31.38	72.2	79	4.4	81.2	47.4	198.3
26	14	35.05	124.4	70	5.1	134.5	54.5	133.4
79	14	33.08	133	104	5.3	50.2	49.3	136.8
74	5	30.54	94.3	95	4.1	59.3	37.6	97
46	2	19.45	91.5	72	4.5	81.6	46.5	112.8
42	1	34.12	115.7	87	4.7	122.6	45	161
32	8	31.91	112.7	78	5.2	92	47.4	179.6
23	10	25.47	99.5	70	4.1	75.2	21.7	132.2
59	12	27.18	72.6	87	4	110.6	60.7	127.5
46	11	27.39	95.7	89	4	112.2	47.2	160
21	8	24.37	82.9	62	4	123.6	54.8	187.9
74	11	16.51	90.6	82	4	140.9	57.4	154.4
66	5	20.3	93.3	84	4.7	136.9	33.3	171.1
61	8	21.56	114.4	83	5.2	116.7	59	139.6
31	11	15.19	50	78	4	97.5	34	57
20	16	20.32	71.3	60	4	112.9	54.6	193.1
79	9	33.85	129	121	4.9	87.7	22.5	50

81	9	29.92	123.7	90	5.4	126.7	16.2	100.6
62	16	21.17	83.7	80	4	85.1	63.3	158.5
75	9	22.87	140.4	85	5.4	77.3	57.6	116.8
37	7	34.38	126.9	77	4.9	128.5	46.6	153.2
75	14	34.23	164.1	107	6.3	56.8	48.7	217.9
74	10	27.42	126.4	99	4.8	82.1	25.2	70.3
85	11	34.05	147	108	5	118	48.7	160.7
69	12	22.4	104.2	67	4.8	97.4	50.5	67.1
54	11	28.36	132.2	74	5	96.2	42.4	136.1
25	13	18.15	82.3	60	4.3	68.5	46.4	114
61	15	24.81	102.3	96	4.2	70.9	34.1	75.2
22	1	27.17	118	76	4.9	94.5	26.6	215.2
86	8	16.89	82.2	60	4	54.9	51.4	164.3
48	13	30.56	99.1	108	4.5	99.7	30.2	218.3
62	16	31.56	161.3	108	6.1	134.1	55.7	109.5
26	8	33.07	114.2	74	5.3	131.4	53.9	203.6
49	2	41.01	92	100	4.6	116	64.3	173.6
50	16	29.5	124.3	84	5.3	105.7	53.7	84
84	1	26.62	104.9	98	4.6	97.5	94.1	96.7
47	15	17.39	74.7	70	4	101.7	44	95.3
46	10	29.35	145	79	5.6	74.5	54.4	163.2
20	2	30.36	120.6	92	4.6	83	39.3	161.6
74	13	18.86	129.7	95	4.8	54.8	64.1	224.9
47	13	25.56	90.5	79	4.5	125.3	51	102.5
26	9	27.07	87.8	70	4.4	96.9	22.2	173.8
43	15	30.18	110.1	102	4.5	154.1	36.1	160.8
19	5	32.14	111.8	60	5	84	46.1	111.2
79	2	23.78	106.9	78	5.1	99.8	29.7	187.7
20	0	28.21	119.6	86	4.9	119.1	56.6	133.7
63	12	30.44	124.7	106	5.2	111.4	27.3	157.1
85	10	25.91	141.7	89	5.1	97.8	45.3	156.4
42	16	24.47	83.2	100	4.6	148	43.9	119
68	11	31.28	115.3	70	4.6	74.9	63.4	169.8
30	3	25.93	95.5	86	4.8	117.2	45	178.7
61	2	19.82	88.3	76	4.7	88.2	61.1	205
52	8	35.24	137.2	91	5.5	96.3	54.5	133.2
72	0	20.48	118	89	5.2	107	31.2	139.7
26	14	26.43	87.3	71	4.2	96.6	81.5	91
19	0	28.93	102.2	66	5	95.5	64.6	123.6
78	14	29.73	154.1	97	5.8	58.5	34	111.3
58	14	28.02	125.7	86	4.8	124.2	32.5	162.3
61	12	15	95.3	60	4	58.3	66.6	186.9
81	16	22.78	130.5	80	5.2	138.6	61.9	201.1
48	4	28.78	131.8	81	5.5	97.2	58.5	208.1
64	0	26.35	132.5	70	5.5	125	33.9	180.3
19	7	30.07	93.6	61	4.7	34.5	39.2	148.1
86	6	33.13	147.8	112	5.2	99	68	74.2
75	7	30.04	118.1	81	4.8	99.6	57.3	172.7
61	3	22.63	99.9	80	4.6	76.2	37.4	103.5
73	11	23.77	116.2	66	5	123.2	69.3	137.4

60	14	36.79	106.9	116	4.5	83.2	78.4	143.6
51	0	25.93	107.9	79	4.9	76.3	41.3	104.5
47	12	26.43	91	92	4.4	90.3	38.4	109.9
88	14	30.06	111.3	120	4.8	125.8	71	152.6
87	10	34.42	149.3	92	5.6	107.3	73.1	140.6
72	7	21.59	100.3	75	4.6	110.5	72.8	138.5
84	10	24.02	118.3	97	4.5	120.4	54.7	113.1
30	8	17.38	71.2	60	4.3	94.2	41.2	198.5
20	4	25.22	76.2	74	4	128	62.4	71.7
43	13	30.41	109.1	87	4.9	110.1	43.9	251.5
74	2	24.81	91.2	63	4	122.5	43	149.5
41	14	37.56	119.2	106	5	79	51.6	116.3
70	5	27.7	145.1	89	5.8	102.6	49.2	72.1
87	4	26.39	103.3	81	4.1	125.6	41.3	91
60	6	24.89	126.2	98	5.5	149.3	33	159.3
77	12	18.84	132.5	72	4.7	128.4	45.9	127.6
75	8	26.46	103.6	82	4.1	129.6	39.5	82.4
66	0	29.15	121.2	73	5.3	58	28.6	85.2
59	16	26.29	87.6	91	4.5	92	51.7	116.8
83	11	28.39	101.5	95	4.1	116.8	52.1	126.8
28	0	22.98	87.5	60	4.7	63	60.4	186.9
35	15	19.53	87.7	70	4.4	112	51.5	121.9
69	7	26.36	103.7	96	4.2	90.2	48.4	275.8
63	15	28.32	96.2	94	4.8	91.6	60.2	160.2
61	10	25.99	95.7	98	4.4	101.9	51.6	183.4
39	15	28.22	114.3	75	4.6	110.6	53.7	208.1
70	10	31.66	136.8	114	5.6	121.9	57.7	79.7
76	13	31.64	135.9	98	5.5	67.7	40.8	119.5
47	15	32.14	107	98	4.8	128.3	63.8	136.5
25	1	33.03	87.4	97	4.6	119	49.9	207.1
74	13	29.98	141.7	121	5.7	92.5	47.8	147.7
37	14	29.14	126.4	71	4.8	128.6	63.6	154.7
42	3	38.66	115.4	91	5.2	50	42.2	193.9
36	1	31.7	104	88	4.5	105	43.4	193
22	14	21.93	57.9	63	4	83.3	56.8	227.5
89	1	15.82	109.1	70	5.2	68.7	52.7	76.2
44	15	25.55	129.2	64	5.3	55.5	99.4	120.5
57	4	30.75	129.2	92	4.9	118.9	65	130.2
43	15	32.75	145.2	97	5.6	115.3	14.1	109
44	9	19.5	80.1	73	4.1	136	54.2	170.3
79	5	31.38	107.6	82	4.3	120	22.3	183.6
67	5	33.81	148.7	82	5.9	91.2	43.8	60.2
59	15	30.65	118.4	92	5.2	181.4	52.6	182
46	4	29.49	93.6	83	4.6	130.4	43.1	115.6
56	8	26.2	133.5	80	5.2	65.5	17.1	151.2
77	14	24.24	102.9	84	4.3	96.1	50.9	104.4
58	11	31.71	100.6	87	4.9	106.8	41.6	189.5
50	1	30.5	120	90	4.8	92.1	59.6	104.4
33	4	25.04	72.1	86	4	161.6	21.5	147.7
40	12	42.25	144.8	94	5.9	91.3	39.1	179.1

24	9	17.94	55.6	66	4	88.4	62.2	165.5
43	13	25.61	101.5	80	4.7	122.2	16.6	108.2
29	14	22.37	89	60	4	103.6	57.1	145.6
89	15	29.31	132.1	92	4.9	93.3	38.3	146.1
22	6	15.31	50	60	4	165	46.5	182.8
86	0	34.62	134.3	127	5.3	146.1	32.8	139.4
66	4	33.03	144.7	90	5.6	57.7	45.3	136.7
43	3	28.6	100.7	77	4.8	156.2	34.3	135.9
22	1	25.14	69	76	4	94.6	31.6	79.1
39	15	31.3	100.4	85	4.7	134	62.1	195
30	15	28.97	79.1	67	4.4	159.5	48	208.5
45	4	32.71	80.2	73	4.3	124.3	53.6	227.4
50	2	26.27	99.9	63	5	168.4	51	171.7
40	0	25.91	98.3	87	4.8	125.6	69.3	89.5
35	10	33.47	119.9	78	4.6	118.9	55.7	52.5
47	3	30.8	117.1	111	5.3	130.3	57.7	165.4
43	15	25.96	107.6	74	4.4	62.9	60.8	115
33	0	29.21	99.3	89	5	93.9	37.1	131.7
56	15	28.11	141.1	75	5.5	67.9	76.7	140
50	12	29.8	97	89	4.6	94.7	30	164.1
43	2	34.62	111	106	4.5	113.5	54.4	124.5
65	12	24.9	132.2	81	4.8	95.6	54.3	186.5
82	3	23.13	106.4	76	4.3	95.7	85.7	113.3
55	9	28.64	108.1	83	5	59.3	56	136.5
19	2	23.78	88.1	67	4.2	84.3	38.4	184.5
23	2	21.53	97.1	60	4.5	150	40.5	133.3
63	8	32.96	124.6	112	5.4	83.3	43.3	218.9
67	4	25.28	95.8	86	4.2	89.7	51.6	113.2
55	14	15.79	77.9	80	4.3	107	52.8	201.8
35	2	32.08	114.8	97	4.8	111.1	56	87.9
44	2	24.37	91.3	94	4	95.9	50.4	126.5
58	11	30.47	107.9	78	5	58.1	57.9	189
89	12	33.5	122.5	111	5.1	116.2	32.9	236.5
34	1	28.14	116.2	75	4.4	157.6	25.9	175.8
79	6	15	92.7	72	4.4	155.1	66.5	188.2
46	16	15.22	76.7	60	4.4	78.5	26.1	177.1
75	6	22.97	118.6	108	4.4	112.1	48.7	140.7
87	3	26.66	101.4	86	4.4	175.9	37.8	50
39	5	34.2	113.5	97	5.1	99.9	76.4	109.8
23	2	28.75	116.6	65	5.2	107.6	78.3	119.5
43	6	42.7	130.9	102	5.4	55.2	50.2	102.4
56	2	18.05	92.4	82	4.2	131.3	45.3	74.3
29	11	27.73	97.9	81	4.5	108.3	46.2	232.3
31	9	24.33	105.1	64	4.8	73.2	52.9	118
39	8	28.41	104.3	75	4.2	120.8	62.8	82.1
68	1	37.51	171	106	6	129.3	100.5	294.5
40	8	37.89	124.2	96	5.2	79.2	34.1	200.4
65	9	27.33	105.6	75	5	50.2	53.6	103.1
88	13	32.17	156	98	5.2	104.2	47.7	108
67	5	28.29	111.9	89	4.6	120.8	42.2	84.1

30	4	20.55	72.1	73	4	108	43.5	76.5
27	3	27.09	74.9	86	4.2	134.7	48.3	111.1
72	5	23.97	116.1	92	5.1	48.6	52.9	175.4
26	7	26.62	84.4	79	4	69.6	55.6	218.8
69	11	21.89	91.6	85	4	106.7	57.5	209.3
19	2	27.93	81.9	80	4.3	53.3	29	212.5
42	0	28.83	98.2	93	4.9	77.3	39.9	143.8
30	4	31.23	115	100	5.1	84.2	58.1	180.4
68	3	28.86	124	81	5.1	130.5	71.6	168.9
75	12	36.81	134	101	5.7	139.2	57.2	151.9
51	12	40.15	139.2	113	5.2	121.7	45.5	209.4
52	11	24.57	98.5	70	4.5	156.2	57.1	184.9
20	2	32.82	103.7	70	4.1	142	53.8	160.1
76	4	39.69	132.4	103	5.6	123.7	34.3	111.3
87	0	32.98	124.6	104	5.1	122.8	47.4	215.6
65	16	31.3	122.4	89	4.8	82.4	52.6	86.4
81	3	16.07	99.9	80	4	58.2	60.8	78.6
36	1	23.65	105.5	71	4.5	78.6	71.3	50
84	13	24.53	123.5	86	4.5	125.2	76.8	146
22	11	35.32	99.3	70	4.3	90.6	24.9	169
84	4	22.62	93	93	4.8	118.3	47.2	87.6
28	2	26.49	105.2	82	4.3	45.1	72.4	148.9
85	7	32.04	136.6	99	5.3	115.8	61.6	205
86	13	22.35	127.2	88	4.7	74.3	62.3	181
18	10	28.67	98.2	77	4.7	78.1	39.1	122.2
80	2	27.89	147.9	104	5.5	150	39.7	190.5
46	14	32.26	109.3	92	4.4	164.5	59.9	201.7
29	13	30.95	102	69	4.9	67.8	42.8	204.4
58	7	30.76	127.4	110	5.3	93.1	33	183.7
19	0	28.2	103.8	88	5	96.3	51.5	74.3
54	9	16.94	90.8	70	4	122.1	47.1	228.2
62	5	27.84	87.8	89	4.2	85.9	63	162.5
65	0	27.33	85.6	91	4.7	75.8	56.2	126.9
41	14	31.6	102.9	79	4.9	108.8	79	198.9
39	5	24.46	93.7	87	4.7	102.4	35.2	137.8
28	2	27.25	65.5	87	4	126	50.7	50
75	15	27.44	116.9	90	5.1	79.5	58.5	206
63	2	22.72	111.7	87	5	93.9	57.9	122.2
46	12	20.08	87.3	82	4	123.3	53.8	141.4
52	4	29.3	114	89	5	98.2	23.9	150.3
32	2	33.05	115.9	76	5.1	49.6	20.6	134.8
77	16	23.25	86	92	4	148.7	33.9	159.3
59	11	25.69	115.7	84	4.6	97.5	57.4	193.5
60	8	31.98	108	83	4.5	98	21.5	175.6
66	16	32.56	119.5	106	5.2	175.8	59.9	98.4
81	0	28.39	112.4	97	5	163.4	45.5	81.9
49	13	29.49	124.6	84	5.1	128.5	45	130.6
81	10	30.19	108.3	118	5	67.4	79.1	110.4
19	10	31.27	117.8	75	4.8	141.3	76.8	109.8
41	16	20.57	122.5	61	5.3	46.9	39.9	108.3

83	15	38.5	120.2	112	4.6	104.1	61.6	216.1
55	11	28.64	101	85	4.7	86.1	50.6	175.4
48	1	31.38	120.9	83	4.7	79	62.8	133.9
43	7	22.43	76.5	88	4	107	44.1	155.7
46	11	25.88	95.7	69	4.2	118.4	30	170.8
84	11	29.26	128.2	100	5.1	123.6	49.4	114.8
42	6	16.17	67.6	65	4.2	97.6	62.2	153.9
65	13	21.59	101.9	79	4.5	93.7	47.9	50
82	2	22.65	125.5	98	4.7	125.6	62.4	152.4
70	11	19.33	97.5	98	4.9	126.4	69.1	181.6
84	1	27.64	106.7	94	4.4	104.1	67.7	178.2
35	3	26.56	113.1	87	5.2	74	57.1	154.3
26	4	35.54	129.9	89	5.5	49.3	30.2	86.4
55	6	20.28	98.6	75	4.5	119.8	20.4	167.1
38	3	28.41	86.1	86	4	129.2	58.8	199.3
82	1	21.72	96.3	86	4.6	93.9	61.7	197.6
38	14	16.7	50	60	4	111.2	50.2	147.7
44	3	30.53	99.2	100	4.4	139.6	53.9	163.8
87	0	31.02	146.5	105	5.2	160.3	48.6	138
61	15	30.31	105.9	91	4.9	88.1	51	180.6
45	6	19.1	71.4	63	4	97.4	55.7	127.4
62	15	27.5	126.3	90	4.7	113.6	63.6	123.9
34	12	30.58	120.4	81	5.4	63.6	51.7	145.6
57	12	32.71	110.9	95	5.2	35.7	50.3	144.8
20	11	30.77	104.2	78	4.5	60	47.8	77
83	7	32.79	119.1	93	4.4	91.7	53.5	143.5
63	6	33.4	118.2	113	5	78.3	20	89.9
47	8	27.63	76.5	74	4	75.5	63.7	147.2
86	16	29.99	133.4	90	4.7	101.5	47.1	268.7
26	5	33	102.5	92	4.9	99.6	38.2	185.2
28	15	29.34	87.6	83	4.8	77.3	70.7	97.1
86	7	34.19	135	111	5.1	51.6	45.9	153.2
83	9	32.25	127.8	106	5.3	112.2	34.3	176.4
48	9	23.21	83	69	4	131.6	61.1	90.1
50	8	19.16	94.3	78	4.3	81.4	42.8	169.1
56	4	27.12	102.8	79	4.2	88.5	44.4	147.3
63	2	19.91	94.3	87	4	124.4	62.9	145.2
54	7	27.5	85.1	75	4.3	131.5	64.8	116.7
77	3	26.96	115.5	83	5.1	86.3	29.8	149.5
48	10	34.81	115.9	86	4.8	96.9	48.8	214.7
28	0	30.03	86.7	84	4.3	144.3	28.3	129.3
19	11	32.87	108.2	82	4.4	126.3	43.5	198.1
44	0	24.06	63.5	78	4	65.8	38.1	150.1
19	6	36.18	99.6	86	4.4	48.5	65.8	163.5
38	1	32.36	113.4	87	4.3	91.7	33.6	221
75	12	29.56	153.1	90	5.2	71	58.2	145.5
22	16	16.16	50	60	4	114	45.5	153.2
69	14	34.07	129	85	5	121.4	26.1	182
62	7	37.64	139.5	95	4.9	107.7	37.6	102.3
37	0	27.07	98.6	76	4.8	75.8	30.5	198.3



78	7	27.19	99.9	106	4.9	61.9	37.7	134.2
55	11	23.9	93	70	4.1	119.8	34.9	129.1
37	8	17.21	50	60	4	124.9	45	85
42	1	23.63	93.3	60	4.4	133.2	64.4	98.3
19	5	36.96	87.2	94	4.7	91.3	37.2	168.4
49	4	33.47	123.3	90	4.5	97.3	33	204.5
43	4	22.36	81.4	61	4.3	124.3	40.9	110.3
87	5	23.53	104.3	89	4.4	100.4	45.5	179.4
58	6	39.81	136.1	99	5.2	82.8	38.3	139.3
84	13	20.88	112.7	97	4.5	74.8	30.6	81.2
18	10	22.71	92.5	60	4	121.6	61.3	127.1
68	7	24.42	103.9	102	4.3	91.2	58.6	183
22	4	18.85	72.1	64	4	83.7	48.5	98.8
30	2	23.77	66.7	68	4	113.5	72.6	84.9
36	2	23.87	112.5	72	4.9	78.6	87.1	117.3
29	2	21.59	68.7	72	4	82.7	69.9	114.9
65	1	34.97	138.3	97	5.3	101.2	18.5	236.5
42	12	20	97	61	4	86	54.7	158.4
74	0	26.15	120.3	95	4.5	142.4	38.2	209.3
52	14	21.74	90.9	86	4.7	116	44.6	146.1
22	15	25.74	82	83	4	103.8	26	164.7
39	0	21.46	86.5	70	4.6	142.1	53.9	194.5
74	2	27.46	88.4	102	4.6	102.4	76	82.9
64	6	28.93	114.5	93	4.4	132.5	49	99.6
71	8	35.41	153.6	99	6	70.2	65.2	176.7
20	15	23.47	78.6	63	4.2	81	55.2	154.4
70	0	36.71	132.9	113	5.3	71.3	61.4	176.5
48	10	22.16	78	60	4.4	115.1	16	108.1
86	16	25.57	121.9	106	4.8	53.7	56.5	143.3
50	1	37.59	113.5	100	5	109.5	62.7	219.5
89	6	44.42	171.1	115	6.1	85.2	75.6	120.6
67	11	37.12	149.9	96	5.8	103.9	28.4	193.4
33	7	25.66	113.2	71	4.9	99.4	74.6	169.2
56	12	30.09	91.5	96	4	116.7	45	110.4
63	2	31.1	129.5	96	4.9	167.1	52.8	208.6
64	13	29.07	124.8	86	5.4	160.6	64.2	212.2
61	11	20.95	91.2	72	4	124.5	63.9	83.1
26	14	28.41	112.7	81	4.7	89.7	24.2	188.7
67	12	23.96	112.6	111	4.6	105.7	51.7	130
77	7	21.19	126.5	110	4.6	88.1	34.1	143.4
32	11	25.13	72.2	85	4	77.9	50.8	50
53	12	28.89	98.6	79	4.3	41.4	40.9	131.6
80	1	33.01	132.4	109	5.1	93.2	25.1	106.4
86	12	25.48	136.5	84	5.6	108.3	34.8	144.3
58	13	26.53	113.9	82	4.8	118.3	58.4	99.4
41	12	31.82	94.9	101	4.5	103.4	55.2	103.8
66	11	27.43	139.5	86	5.2	79.2	33.5	103.1
35	3	29.29	96.7	79	4.8	85.1	41.4	207.1
24	14	27.47	78.2	71	4.2	127.7	53.7	141.2
21	2	28.22	80.3	68	4	48.7	54.4	172.4

86	15	20.53	89.1	81	4.3	84.7	60.1	165.3
77	1	27.73	85.3	100	4.5	100.7	53.5	114.3
72	1	35.57	130.4	109	5.3	87.7	58.9	168.1
33	14	28.01	74.2	82	4.4	54.5	49	153.1
46	15	22	96.7	86	4.2	128	57.5	110.8
40	1	35.86	131.5	76	5.6	134.9	74.1	142.2
31	10	31.33	108.8	84	4.5	70.4	73.6	237.5
66	10	31.61	121.9	88	4.5	3.8	50.6	86.6
50	2	31.44	89.8	110	4.3	160	32.4	125.3
42	9	20.24	99.2	68	4.1	87.5	70.2	173
38	11	30.89	135	93	5.4	70.8	14.8	76.4
34	0	35.31	133.7	101	5.6	96.7	57.8	135.7
40	0	24.12	73.3	72	4.4	109.6	57.3	203.4
74	0	15.43	91.7	82	4.4	81.1	50.7	125.5
75	14	29.19	116.6	104	4.9	103.9	55.9	200
31	9	27.2	88.9	85	4.8	96.4	30.2	100.8
37	12	17.71	79.3	60	4.2	79.4	34.2	218
47	15	30.63	142.2	73	5.8	51	30.8	258.9
36	5	30.18	105	105	5	140	32.6	59.5
70	0	18.2	89.7	73	4.1	116.9	39.5	222.4
73	9	38.34	142.6	117	4.9	77	47.3	140.6
40	14	31.51	88.3	82	4.2	112.2	65	130.4
79	12	15.66	85.1	96	4.6	73.9	79.3	99.9
50	12	31.91	128.6	85	5.4	98.9	37.6	93.8
35	16	31.74	108.8	87	4.8	117.8	48.9	185.8
50	15	35.49	152.5	119	5.2	113.9	51.5	128.9
49	13	23.26	100	61	4.1	87.8	36.7	51.5
78	9	32	109.3	111	5.1	124.5	43.1	193
71	1	25.58	87.9	87	4.2	100.3	75.4	159.6
34	11	23.66	104.3	80	4.7	84.2	68	123.5
36	3	21.81	71	68	4.3	150.3	69.8	207.3
87	12	15.58	82.7	93	4.5	66.3	58.3	180.9
51	4	30.24	103.3	80	4.6	112	62.7	174.9
42	11	25.36	111.7	79	4.7	142.5	55.5	56.2
85	5	15	92	85	4.6	48.9	74	160.3
28	10	27.45	81.3	69	4	149.1	6.2	184.7
33	6	33.95	127.6	90	5.2	150.7	33.6	116.5
78	8	19.16	117.9	69	4.4	85.9	27.8	123.4
24	11	22.72	107.4	65	5	108.7	39.8	50
33	16	29.65	121.1	108	5.4	77.9	50.8	50
33	5	15	87.4	73	4.7	75.2	47.8	191.3
57	6	23.8	89.8	87	4.2	66	37.2	132
29	1	29.08	107.5	84	4.7	150.8	52.5	107
52	8	23.63	116.5	63	4.6	93	55.2	124.1
38	2	19.21	110.3	66	4.5	58.4	57.9	200.8
67	8	19.5	100.1	86	4.5	131.2	61.4	234.6
60	3	17.33	82.3	67	4.4	120.2	40.6	193.1
34	14	23.2	75.1	76	4	111.3	65	145.5
49	13	33.34	130.9	82	5	80.2	48.9	237.3
58	10	41.17	126.3	96	5.1	87.9	61.3	108.7

23	6	27.22	92.5	98	4.1	162.2	40.5	88.5
44	13	31.61	97	109	4	111.6	75.7	186.3
37	6	21.36	83.8	70	4.2	84.1	57.6	187.7
42	11	15	82.6	60	4.3	122.3	51.7	163.9
83	3	38.11	146.8	100	5.6	125.3	31.8	167.8
26	5	23.43	95.9	74	4.3	154.4	66.3	88.4
70	3	31.31	102	115	4.3	102	33.7	154.5
78	14	27.95	118.2	86	4.6	122	83.3	81.4
55	14	32.97	111.4	95	4.3	115.9	61	160.1
20	7	32.72	85.7	84	4	78.6	30.4	212.1
87	16	28.67	114.6	113	5.1	59	53.2	169.1
72	11	29.33	106.2	96	4.1	118.6	79.5	114.6
18	6	34.28	107.8	70	4.2	120.8	49.8	152.6
87	8	24.54	123.6	98	4.6	27	44.6	137.9
62	9	36.33	141.8	102	5.3	115.9	54.7	130.7
64	15	22.75	107.4	72	4.5	97.6	38.7	133.4
43	5	27.46	103.8	92	4.3	113.1	70	89.7
31	6	30.78	103.2	80	4.2	85.6	37.2	163.6
71	12	17.23	105.1	78	5	143.6	56.5	142.7
88	12	35.29	108	108	5.1	130.9	68.8	213.1
63	10	29.86	115.3	88	5.1	58.3	50.8	172.9
48	4	46.81	147.4	104	5.2	70.6	69.4	230.8
76	3	39.48	168.8	115	5.7	101.8	47.2	223.3
46	2	26.93	85.2	69	4.4	81.4	33.1	81.8
34	8	37.71	100.2	104	4.3	132.4	61.1	119.4
31	14	32.08	70.6	76	4	69.6	55.1	84
53	9	28.39	87.4	74	4.4	132.2	35.6	101.2
75	6	17.04	94.3	90	4.4	27.2	48.7	114.7
41	14	18.46	71.6	68	4	87.9	35.4	237.2
80	15	27.03	107.9	73	4.5	141.7	49.9	225.9
42	5	24.03	94.4	76	4.7	98.3	84.2	164.1
76	15	28.35	128.4	99	5.3	100.8	64.4	123.8
49	3	35.23	120.1	101	5.1	123.3	59.4	69.9
35	0	32.19	107.3	79	4.5	115.8	52.5	116.4
54	3	22.82	103.7	72	4.8	96.6	65.7	151.5
43	14	32.55	84.1	91	4.6	139.5	51.2	108.8
26	11	21.52	83	78	4.3	103.9	23.1	202
81	12	20.15	104.7	69	4.5	116.3	29.9	240
89	8	29.29	128	86	5.4	128.4	41.8	109.6
37	3	22.11	79	85	4.2	27.1	43.7	142.5
71	7	23.15	103.7	96	5	78.4	50.4	133
47	9	32.96	120.5	82	5.1	82.3	67.8	131.1
70	1	30.95	146	91	5.7	119.8	55.8	110.7
80	7	24.77	89.2	110	4.5	152.3	52.7	116.3
28	3	17.25	82.1	71	4	44	33.5	88.7
48	3	22.59	112.4	75	4.7	87.5	47.7	174.6
66	15	38.65	116.2	117	4.4	132.8	40.7	176.6
36	11	32.8	105.9	83	4.6	47.8	34.7	216.5
29	15	35.54	114.7	91	5	111.5	4	87.9
32	2	28.54	128.2	77	5	113.7	32.2	80.9

48	2	24.89	131.4	86	4.6	116.1	76.2	72.8
60	8	32.43	100.8	101	4.4	66.3	67.5	98.8
54	10	34.69	116.8	98	4.4	98.8	37.2	227.7
46	4	24.12	99.2	83	4.8	63.9	42.8	100
43	3	22.72	100.3	86	4.8	133.2	87.7	156.4
19	12	17.87	73.3	65	4.3	68.1	85.7	233.4
32	13	22.57	71.9	73	4	101.1	53.2	163.4
21	5	31.01	82.6	85	4	162.7	61.2	130
67	2	23.42	82.2	95	4.5	133.8	54.5	50
55	3	32.59	87.4	84	4	46.9	45.3	137.6
40	5	38.8	99.1	102	4.7	90.9	54.1	170.6
76	14	27.15	134.7	72	5.5	102	59.5	139.7
45	16	26.9	112	79	4.7	94.3	65.8	140.4
83	8	30.29	135.4	117	5.3	111.6	54.9	88.4
25	12	23.55	81.3	62	4	118.5	54.7	243.1
46	6	23.12	93.6	60	4.8	155	31	129.7
28	9	23.29	81.5	61	4	86	37.6	186.9
35	10	20.13	59	75	4	122.3	22.8	148.5
72	11	32.4	135.5	96	5.2	94.5	57.1	130.3
67	9	24.02	119.3	74	4.6	147.1	41.4	133.2
31	5	33.67	90.6	99	4.5	111.7	47	205.3
26	11	30.18	81.1	85	4.1	101.2	51.3	121.6
28	16	26.86	98	65	4.1	92.2	54.5	169.7
80	9	31.86	133.9	97	4.7	73.9	21.4	164.5
84	15	21.34	120.7	106	4.6	126	55.8	109.9
70	13	22.32	125.8	79	4.7	75.4	44.1	104.1
56	13	31.28	99.7	74	4.3	44	63.2	171
73	0	15	90.3	77	4.6	71.2	45.2	240.2
45	1	27.09	86.7	85	4	104.6	40.8	80.2
56	15	30.54	100.2	103	4.1	63.3	67.1	122.9
42	16	34.87	109.3	88	4.5	75.8	35.5	150.6
38	15	36.09	137.8	97	5.3	43.3	42.3	155
27	10	26.22	107.5	77	4.9	75.2	36.1	142.6
60	16	31.62	117.1	93	5.3	151.4	43	271.8
32	4	22.17	53	74	4	81	75.2	137.2
65	16	24.34	112.1	90	4.3	96.8	31.8	73.2
38	16	35.21	120	97	4.6	167.2	46.2	222
77	9	26.76	103	100	4.3	109.9	61.8	93.5
67	13	27.96	126.9	67	5.3	108.8	46.6	145.1
40	7	20.8	72.3	60	4.1	71.4	55.9	112.2
30	16	29.54	111.5	83	4.4	106.8	42	109.8
86	6	31.52	134.7	102	5.5	152	48.4	84.3
21	15	31.34	76.3	71	4.4	63.7	46.1	183.6
89	15	19.73	103.5	80	5	94.4	47.2	198.9
26	2	33	106.2	77	4.4	64.8	67.6	176.3
52	5	21.01	97.5	80	4.1	148.5	40.9	224.3
38	7	26.84	113.2	70	4.4	64.6	54.6	110.8
75	5	17.29	114.4	78	4.7	78.9	64.4	134.7
35	12	25.92	90.8	87	4.2	65.2	58.3	114.8
89	2	20.98	119.8	77	5.3	58.5	45.9	173.4

60	14	24.31	127.7	69	4.8	102.8	70.2	159.9
23	3	27.36	75.9	68	4.1	89.5	52.4	72.6
84	12	31.96	121.8	92	5.2	110.5	63.1	215.7
29	14	31.76	78.2	84	4	118.6	42.1	103.9
29	9	15	60	60	4	49.6	58.8	70.7
83	8	31.07	131.7	115	5.3	109.1	60.1	84.1
19	2	28.24	59.2	63	4	72.6	38.5	208.2
32	14	23.64	94.8	60	4.9	104.3	70.4	230.2
40	16	21.72	81.4	73	4.5	110	66.9	140.7
46	8	26.63	100.3	80	4.8	92.2	41.9	189.5
24	4	28.38	76.2	91	4.2	139.5	28.8	102.1
45	2	29.27	104.5	82	4.2	57	47.3	176.9
31	16	25.82	117.3	73	5.2	66.2	48.5	169.4
61	15	15	79.5	75	4.5	107.3	41	86.4
47	11	24.03	63.4	87	4	163.4	43	147.7
49	3	19.9	107.5	60	4.5	71.8	62.5	150.5
87	10	39.33	155.3	113	5.6	98	74	106.7
23	7	27.36	92.6	97	4.8	135.7	61.7	186.6
44	14	31.45	118.4	82	4.4	127.5	68.8	90.7
41	12	30.81	108.4	88	4.9	118.5	50.1	190
51	7	28.86	132.9	96	5.5	78.4	26.9	235.9
57	2	24.5	113.8	86	5.1	99.2	41.7	175.5
64	13	23.74	97.6	72	4.5	100.9	39.1	193.3
41	7	15	97.9	62	4.9	131.3	64.8	192.4
82	3	27.85	149	81	5.1	96	18.5	193.8
35	8	28.8	113.8	71	4.5	140.7	52.3	131.2
61	1	26.71	115	97	4.6	98.4	47.7	172.1
74	0	27.86	104.9	100	4.1	104.2	55.4	169.9
45	1	19.76	97.3	88	4.3	96.2	35.7	78.3
88	14	25.24	125.3	101	4.7	94.7	67.5	126
40	14	23.1	90.8	73	4.5	97.9	52.7	109.4
51	16	30.99	123	79	4.9	101	33.1	122.4
28	10	27.25	94.8	91	4.6	51.4	35.3	202
52	3	23.16	105.6	84	4.4	91.6	43.6	125.6
59	16	26.04	122.1	92	4.6	150.7	58	124.4
45	13	20.76	69.1	78	4	45.6	38.6	152.3
41	6	25.03	80.2	89	4	92.7	59.1	135.8
25	5	30.5	84.8	66	4	83.2	49.3	105.5
70	9	19.01	127.1	65	4.8	109.8	72.3	156.8
89	5	26.63	132.3	85	5.2	115.3	41.2	149.3
21	1	22.5	91.4	71	4.1	104.4	49.2	117.4
22	15	19.01	91	60	4.2	39.6	63.2	160.3
66	6	38.19	118.7	116	4.4	39.2	37.4	128.9
47	15	34.52	87	93	4.6	20.1	36.2	191.1
89	6	23.41	115.4	113	4.4	95.9	32.6	58
80	1	25.26	129	107	4.9	50.7	58.8	122.6
64	3	15	84	71	4.1	29.6	28.3	156.2
43	7	17.45	60.9	60	4	72.4	54.3	132.9
74	8	20.23	88.9	87	4.3	79.5	39.5	78.4
54	6	26.8	87.9	73	4.1	97.5	39.6	247.2

24	4	26.31	80.4	64	4.3	100.2	21.7	150.7
57	7	28.99	94.1	84	4.5	101.8	48.5	88.3
56	13	31.07	117.3	87	4.4	124.6	38.8	188.9
79	1	28.67	113.6	100	4.6	91.2	46.7	131.2
70	14	20.51	110.5	83	5.2	122.5	46.9	203.2
21	2	28.94	78.7	67	4.1	89.5	75.9	130
42	12	30.81	111.5	83	4.7	88.1	36.3	191.4
24	14	24.44	85.3	60	4	82.9	57.6	151.2
45	11	15.92	85.3	69	4.5	98.9	44.8	150.9
86	9	34.1	144.3	86	5	119.8	58.7	117.1
84	9	27.53	131.7	92	4.7	119.2	47.2	128.4
37	6	15	86	60	4.2	118.3	76.7	166.7
28	7	39.42	126	100	5	109.3	49.1	136.2
84	14	24.13	119.7	81	5.4	65.4	51.5	102
24	6	41.63	110.3	89	4.3	182.7	67.8	111.8
40	0	29.26	116.3	87	4.8	60	44.6	175.9
78	9	25.78	105.1	94	4.3	103.7	65.5	184.9
88	12	28.1	120.8	86	5.1	189.9	67.9	198.5
51	13	22.74	83.1	83	4.1	126.5	41.7	133.1
36	7	27.37	84.5	104	4.3	79	62.1	238.1
75	6	39.06	135.9	104	5.1	136.6	35.6	199.3
26	0	21.61	77.7	60	4.1	105.9	53.2	147.9
65	12	30.2	105.7	93	4.6	75.5	40.2	152.1
58	0	22.68	99.7	65	4.4	106.5	49	182.6
65	16	25.99	111.8	83	4.8	89.1	60.3	111.2
62	14	38.86	125.5	99	4.9	93.6	66.9	78.2
42	8	30.16	140.7	92	5.6	101.3	15	157.9
42	10	31.47	113.9	70	4.8	121	36.9	155.3
36	16	27.43	99.6	64	4.9	127	70.3	109.9
56	2	43.17	129.2	113	4.8	78.2	50	116.6
44	7	21.3	91.7	78	4	110.8	49.5	196.8
80	15	17.52	103.7	60	4.5	92	64.9	155.5
85	0	37.12	141.7	124	5	123	13.2	69.2
36	1	24.71	113.7	84	4.7	69.4	35.1	50
45	4	29.46	80.9	78	4	99.4	64.8	50
50	5	37.3	118.9	99	5.2	45.1	24.8	227.7
27	11	29.54	108.3	60	4.7	121.1	50.5	117.6
47	10	40.38	115.8	109	4.8	154	19.1	137.2
39	12	27.82	76.9	72	4.3	146.4	41.9	270.4
20	16	22.75	72.7	64	4	125.1	66.9	101.8
65	7	15	103.2	68	4.9	117.2	22.1	194.6
19	6	28.8	79	88	4.1	162	45.2	137.3
71	3	15	85.2	76	4	83.3	63.3	193.1
23	8	28.95	100.7	74	4.8	92.4	37.1	174.2
57	12	35.76	116.3	92	4.8	142.4	54.9	51.2
19	10	26.9	81.7	76	4.2	95.8	77.2	103.6
19	7	28.14	81	75	4.5	72.2	60.9	103.9
72	10	32.49	117.5	95	5.2	54.4	53.2	161.2
89	6	31.02	114.1	101	5.2	74.8	74.1	119
77	12	33.96	127.6	99	5	152.7	52.2	163

23	13	26.88	106.2	60	4.9	96.9	48	178.9
36	5	15	96.7	60	4.2	77.2	34.2	235.7
44	4	34.06	133.9	92	5.5	97.3	62.7	177.4
18	7	25.57	87.2	73	4.1	109.8	80.6	146.5
50	10	21.73	118.3	65	4.8	44.2	18	160.1
57	6	29.02	146.1	80	5.8	73.3	37.4	64.9
49	3	28.12	108.5	101	5	55.4	48.7	122.4
86	1	22.5	98.1	80	4.9	143.9	36.9	100.6
34	7	19.29	100.3	72	4.4	96.5	62	204.4
25	10	29.81	79.1	72	4	94.7	59.3	187.3
74	4	21.9	92.5	64	4.8	94.6	56.1	57.7
59	14	27.69	78.6	86	4.1	66.4	77.6	182.5
26	1	29.24	107.4	85	5	115.5	54.9	194.3
52	5	32.81	81.9	89	4.4	155.1	41.9	112.3
88	13	39.71	163.3	94	6.1	81.5	32.8	191
70	15	28.42	144	69	5.5	126.6	57.2	158.6
71	5	24.45	135.3	97	5.5	96.6	33.2	85.9
42	4	36.95	100.9	95	4.1	77.1	61.1	79.6
84	6	33.29	105.6	109	5.1	127.2	42.8	277.3
79	1	28.01	110.9	96	4.4	51.4	19.4	138.4
72	5	28.42	131	80	4.6	57.3	65.2	168
63	0	27.16	128.9	85	5.1	153	58.5	74.8
41	8	27.97	111.4	65	4.9	87.9	62	235.6
63	16	26.39	117.2	95	5.1	135.7	26.7	191.3
39	5	21.15	122.2	74	4.8	96.5	70	157.7
28	7	27.05	85.9	84	4.5	23.9	77.9	235
65	6	37.54	120.9	116	5.3	120.4	35.3	75.2
25	4	22.1	63.9	65	4	111	55.9	115.8
56	16	25.37	110.2	75	4.6	77.6	44.1	151.8
52	7	21.65	91.6	75	4.4	132.9	43.8	120
66	5	33.94	138.3	111	5.6	128.1	54.1	189.9
63	11	31.98	113.7	79	5.2	77.3	41.2	175.7
55	16	19.33	100.6	73	4	132.5	47.4	210.2
25	0	15	61.7	66	4	106.6	79.7	158.7
71	8	32.19	122.4	100	4.5	102.1	30.7	99.9
54	0	18.96	88.9	83	4.3	77.9	55.1	134.6
57	11	31.97	91.9	77	4.3	72.5	84.5	179
51	13	23.17	94.7	88	4.4	142.6	50.8	133.7
34	7	31.17	112.8	78	4.9	111.5	60.8	155.7
50	11	29.66	94.5	66	4.3	128.3	38.6	127.5
64	12	23.78	133.2	79	4.9	85.6	36.9	175.6
69	16	21.73	103	72	4.5	115.1	29.9	176.6
26	9	30.45	89.5	79	4	89.5	51.4	269.6
50	10	22.84	85.8	62	4.5	120	77.5	68.5
77	9	33.65	151.4	100	5.4	57.9	59.6	165.9
38	8	22.01	75.6	66	4.1	58.4	52.6	254
75	1	29.1	125.2	114	4.8	66.8	43.8	209.8
86	8	24.66	130.6	92	5.2	99.6	42.6	245.1
27	13	27.03	100.9	78	4.6	33.4	37.5	96.8
23	15	22.8	73.7	66	4	113.8	39.3	152.8

30	6	25.93	104.4	88	4.7	118.4	57.6	80.6
82	8	15	98.3	79	4.1	47.6	86.5	107.2
37	7	22.12	61.9	87	4	87.8	63	220.3
74	13	23.47	127.3	95	5.3	155.7	42.3	91.7
63	3	26.57	100.4	82	4.6	86.8	38.5	134.6
25	5	34.76	104.4	94	4.8	69.8	37.5	103.4
27	16	22.81	88.8	78	4	88.7	84.3	164.4
84	6	35.48	130	115	4.6	135.2	63.7	76.1
28	5	21.83	94	73	4	65.5	56.2	150.2
29	2	20.35	63.6	60	4	116.6	67.2	195.5
27	16	15.69	61.3	60	4	112.7	60.6	132.3
42	3	30.64	125.7	87	5.1	99.7	17.4	217.3
66	3	27.52	113.4	89	5	88.7	34.4	175.3
66	8	30.29	102.7	104	4.9	127.8	67.4	132.8
28	7	27.79	95.8	71	4.6	65.8	82.6	114.6
79	5	26.94	124.4	93	5	112.1	70.1	200.8
53	11	28.71	85.1	86	4	53.5	49.4	134.3
56	2	39.91	157.6	111	5.6	128.9	57.9	143.9
70	16	24.16	135.2	103	5	122.7	35.8	255.2
73	15	39.33	142	115	5.5	87.5	56.6	201.6
18	10	32.11	95.2	87	4.7	93	54	110.4
73	13	29.19	120.2	83	4.9	114.3	50.2	154.7
21	8	30.33	109.6	64	4.2	59.3	60.2	199.6
47	3	15	85.3	67	4.6	91.1	52.5	117.4
29	0	25.43	93.9	72	4.2	99.9	7.5	221.3
52	13	22.98	117.7	82	5.3	48.8	41	172.3
69	7	39.67	155.8	102	5.9	126.9	39.9	264.5
48	7	24.95	84.5	93	4.1	162.4	47.8	136.3
85	10	26.82	134.5	81	4.7	172.1	54.7	179
69	5	26.72	130.2	86	5.6	41.5	56.4	114.1
24	16	19.16	79.5	60	4.2	134.8	46.8	145.5
39	1	23.64	100.8	86	4.3	81.1	48.3	120.5
73	7	31.9	120.7	95	4.9	96.7	14.7	201.6
75	2	15	74.4	67	4.1	70.5	66	68.2
81	11	28.87	151.5	96	5.3	118.2	52.6	50
29	1	21.59	62.6	61	4	24.9	47.5	164.4
24	12	34.8	131.8	87	4.9	64	45.5	153.5
72	12	29.37	118.8	92	4.4	32.2	27.7	111.6
79	9	17.88	119	107	4.4	82.7	79.6	155.3
72	3	24.5	110.3	81	4.4	90.6	40.3	52.4
53	15	29.72	125	87	4.7	52.8	26.2	228.6
41	0	25.18	102.6	80	4.3	115.6	47.3	110.7
61	7	27.87	101.2	90	5	113	50.5	202.1
34	15	26.88	97.8	88	4.5	126	66.9	92.5
19	15	32.2	96.8	101	4.4	142.2	47.8	82.6
30	1	29.64	108.9	73	4.7	92	46.2	103
48	11	26.71	104.5	86	4.1	106.7	38.5	152.1
45	9	27.11	106	80	5	69.3	27.5	195.2
77	4	20.5	89.1	85	4.3	102	30.1	228.7
44	10	35.8	99.4	106	4.4	103.4	58.3	203.7



32	9	44.77	131.6	121	5.6	145.8	56.8	79.5
50	15	25.02	102.8	89	4.8	116.1	64.5	140.2
37	14	27.29	82.3	83	4	116.7	47.4	125.2
59	3	33.09	129.3	105	5.5	90.9	72.7	145.9
29	9	33.06	114.8	77	5.1	2	36.1	169
40	7	28.07	103.5	74	5	100.7	43.4	111.4
89	9	21.14	112	88	4.3	85.7	48.4	248.6
31	4	37.91	97.3	105	4.9	66.6	48.3	128.7
42	5	31.09	88.9	84	4.3	122.2	37.6	187.4
48	15	28.32	111.6	82	4.9	129.6	35.1	77
71	9	22.66	93.4	63	4.1	69.8	14.7	248.9
22	1	27.35	79.3	99	4	101.1	73.5	183.6
30	0	16.11	76.4	60	4	96.8	50.2	135.1
45	5	31.45	141	61	5.2	134.1	44.6	167.7
60	3	32.91	114.9	97	4.5	113.1	38.1	171.6
64	11	28.38	144.5	94	5	121.4	51.4	159.6
88	16	21.24	110.3	83	5.2	88.9	47.6	136.3
55	6	29.71	120.4	79	5.1	112.4	76	87
84	13	31.72	144.8	109	5.4	126.2	42.7	228.9
79	4	22.54	125.1	93	5.2	169.5	45.3	159.4
56	10	32.6	123.3	98	5.1	83.8	61.5	111.8
54	3	30.15	108.9	81	4.4	89	59.9	136.4
25	13	25.36	100.6	67	4.6	77.8	31.9	208.4
69	2	23.65	113.2	80	4.9	86.6	58	211.6
50	8	25.93	95.3	77	4.1	141.5	68.2	135.7
59	4	21.18	118	83	4.7	75.1	71.7	122.5
44	7	28.56	111	80	4.6	111.7	31.5	125.7
25	11	30.35	87	71	4.3	129.9	49.5	201.9
40	16	34.01	100	95	4.1	136	33.7	214.9
81	10	28.78	152.4	119	5.8	143.6	62.9	137.2
37	1	29.35	94.8	75	4.2	114.1	52.3	181.9
33	8	25.39	103.6	68	4.8	111.2	68	133.7
34	7	21.76	91.2	69	4.8	83	58	81.9
36	16	24.42	102.6	82	4.9	40.9	36.4	180.3
25	8	35.57	137.3	94	5.5	82.1	51.2	142
55	3	30.8	129.1	89	4.8	104.8	38.8	143.1
55	14	29.44	123.9	84	5.2	130.4	33.9	190.1
70	11	16.11	89.3	94	4.4	145	42.3	83.2
48	0	28.88	96.8	97	4.7	100.2	52.9	50
61	2	19.02	129.8	92	5.5	133.7	35.5	168.3
77	4	19.45	101.8	87	4.3	105	51.8	234.6
34	1	20.12	80.6	67	4.3	106.2	29.8	198.3
56	11	22.36	102.1	82	4.3	91	21.5	111.9
59	2	32	121.4	111	4.8	85.7	76.8	163.9
65	11	28.36	138.1	95	5.3	82.5	43.9	175.8
29	11	21.34	90.3	60	4.2	83.5	47	178.4
35	0	23.52	69.9	87	4	79.8	44.5	120.3
23	3	29.99	86.6	94	4.5	125.5	57.6	119.8
60	13	31.19	117.5	105	5	138.1	52.4	50
52	10	27.8	122	71	5.4	77.2	63.4	161.2

71	9	20.12	77.9	83	4.3	73.2	54.2	188.2
79	7	24.52	120.9	98	5.4	94.4	49.7	198.6
86	11	41.29	161.5	115	6	73.8	65.2	94.6
33	9	19.73	94.2	71	4.4	69.5	44.4	146.8
25	2	29.25	94.8	84	4.3	89.5	49.2	145.4
48	1	39.72	144.2	93	5.6	107.3	46.2	107
27	16	25.36	77	78	4.2	106.9	70.5	201.8
73	7	38	151.7	97	5.7	90.6	55	149.8
87	3	22.87	113.3	87	5	84.3	51	124.6
37	11	15.15	74.4	60	4.4	118.3	17.3	206.7
22	12	23.52	83.5	78	4	111.7	55.4	181
40	13	22.45	99.7	80	4.6	105.2	60.5	116.1
26	11	16.98	55.4	66	4	83.1	63.7	62.7
75	4	24.5	124.8	90	4.8	140	47	111.2
76	10	32.95	142	104	5.8	60.7	59.8	155.2
71	10	23.44	102.9	104	4.8	83.2	56.8	124.4
63	7	24.74	106	97	4.4	70.4	19.6	90.7
39	15	35.22	102	82	4.4	100.1	66.8	137.4
81	3	22.51	93.1	80	4.6	80	47.6	64.1
25	14	30.71	101.9	79	4	102.8	53.5	177.5
37	15	16.76	80.1	61	4.1	115.7	40.7	254.4
68	7	21.2	96.3	71	4.3	137.9	60.5	179.7
56	14	25.72	85.7	89	4.6	106.4	55.4	214.5
54	0	34.25	127.4	94	5.3	106	25	116.8
67	16	21.52	96.1	82	4.3	112.9	39.7	131.8
51	11	21.45	82.2	60	4.5	31.5	71.3	89.9
50	12	28.63	126.4	70	5.4	101.7	62	179.1
48	8	29.6	93.6	81	4.4	66.8	45.1	201.6
71	14	20.79	110.5	86	4.4	80.5	45.2	118.3
61	0	23.87	80.7	86	4.4	96.4	36.7	160.1
51	3	33.52	96	103	4.2	128.6	37.5	75.2
88	5	19.92	116.1	77	4.8	47	53	141.2
79	2	29.05	117.6	102	4.4	107.2	74.6	107.4
40	6	23.89	75.2	91	4	103.1	45.3	156.3
63	5	35.42	141.6	109	5.2	112.9	50.5	179.5
73	16	30.48	128	82	5.2	167.1	39.1	102.2
24	2	32.28	69.6	94	4	146.7	48.6	82.3
78	0	23.77	125.9	90	5.1	108.7	55.1	145.3
20	9	31.95	82.9	86	4.4	116.8	78.5	146.6
55	11	31.79	90.5	117	4	98.9	67.6	143.7
51	15	30.12	98.4	90	4.7	122.8	67.6	86.5
61	16	25.3	105.5	90	4.2	101.1	43.2	87.2
47	16	27.98	105.6	85	4.8	112.8	36.3	161.9
34	14	15.88	50	60	4	80.1	50	58.9
76	15	37.55	116.9	110	4.9	106.9	40.9	88.4
27	4	23.38	73.8	66	4	140.9	43.4	235.4
35	5	24.99	82	77	4	117	54.1	121.7
62	16	19.09	105.6	72	4.2	103.5	59.6	76.7
76	14	31.04	118.9	76	5.2	13	68.1	84.7
79	5	30.18	136	92	5.3	111.5	57.7	209.7

76	2	25.23	129.9	98	5.6	97.4	52.2	113.6
66	0	15	96.3	75	4.8	67.8	37.8	139.6
80	10	22.73	64.3	83	4.2	98	68.2	125.4
49	2	29.76	104.5	88	4.7	98.1	61.7	74.8
27	4	28.51	93	70	4	100.2	43.6	71.6
28	10	26.72	91.6	69	4.7	122.3	62.7	170.3
87	8	24.46	86.2	90	4	93.7	51.7	88.6
79	6	17.53	88.1	75	4.3	92.6	67	260.8
64	3	32.78	102.1	88	4.9	89.4	46.4	73.9
51	3	18.36	73.3	70	4	107.3	47	89.4
34	15	25.77	89.7	65	4	116.3	26.2	172.5
71	14	20.79	91	96	4.2	138.7	43.1	156.2
57	16	32.96	106.6	103	5.1	115.9	75	214.2
36	3	30.49	101	62	5	132.3	90	172.6
84	9	24.86	109.3	98	4.9	125.4	56.7	206.7
70	9	31.15	125.3	91	5.4	104.6	42.6	230
81	16	18.05	95.3	73	4	78.2	45.9	134.3
64	4	26.52	86.5	94	4	112.1	49.3	54.5
23	5	20.67	62.4	64	4	146.7	45	222.8
33	10	33.15	102.9	83	4.1	132.6	61.9	196.7
89	3	29.25	121.3	85	4.8	138.3	29.4	176
35	1	30.9	83.1	94	4	44.7	50.5	223.2
69	2	23.68	117	94	4.9	41	77.5	146
65	13	31.47	125.1	96	4.5	85.5	65.7	120.1
60	10	20.3	86.6	64	4	114.2	80.7	204.5
56	4	21.16	92.9	79	4.7	88.8	48	163.2
66	3	25.95	93.8	93	4.1	94	40.4	138.7
29	0	21.39	95.1	68	4	55.6	54.8	226.1
27	14	31.26	132.1	91	4.9	81.8	38.6	216.8
88	10	24.16	107.7	92	5	73.3	42.3	121.9
72	14	20.52	120.4	83	5	74.3	46.9	76.9
18	0	19.74	60.6	77	4	77.9	68.4	101.5
66	3	31.18	112.4	89	4.2	67.1	64.1	120.5
53	7	15	103	60	4.5	28.1	57.7	125.5
38	0	20.93	84.1	69	4	142.3	51.6	163.6
54	7	35.42	133.1	91	5	96.5	76.5	302.4
41	10	24.93	91.3	63	4.4	79.4	56.6	200.6
72	9	31.3	96.6	102	4.8	95.7	36.3	211.1
42	4	29.56	140.2	84	5	110	52.6	148.5
24	11	25.85	85.4	60	4.5	103.4	35.9	161.4
88	0	17.05	105.4	95	4.2	77.9	42.2	175.7
88	5	19.04	96.1	75	4.2	129.8	70.8	210.4
41	16	18.94	95.1	62	4.1	82.2	54.7	198.6
28	0	29.89	109.4	90	5.1	93	51.7	185.3
29	11	31.02	78.2	87	4	151.7	54	117.9
52	2	21.73	97	87	4.5	161.8	48.9	64.8
80	7	26.53	131.2	69	4.8	134.4	18.4	209.7
85	13	27.05	139.6	91	5.3	79.9	61.1	186.6
74	14	27.47	126.6	92	4.9	87.2	60.1	118.4
30	7	22.43	95.9	83	4	76.6	52.8	262

40	10	36.83	110.6	86	5	92.9	39.7	107.8
56	14	31.07	96.7	87	4.7	116	76.7	148.2
29	0	27.44	89.7	79	4.1	43.6	42.9	137.8
51	10	23.89	79.5	86	4.2	69	38.1	115.9
88	3	22	101.9	76	4.4	103.3	51.6	124.3
48	5	29.39	96.5	94	4.7	97.1	60.7	118.9
79	6	24.16	98.7	82	4.7	86.6	57.5	113.8
30	10	27.8	103.6	82	4.2	58.1	58.6	177.9
48	13	15.6	65	63	4.1	82.1	67.9	192.8
19	5	23.82	109.7	72	4.4	85.5	54.4	118.4
32	7	26.35	108.5	79	4.3	60.1	70.2	125
74	15	32.81	145.5	112	5.6	74.9	57.6	169
51	6	21.47	83.1	73	4	94.2	48.8	162.1
85	14	18.09	106.7	77	4.3	114.2	43.4	156.6
46	0	29.67	91.7	96	4.2	127.4	70.9	160
83	12	26.62	123	106	5.3	68.6	59.9	180.4
33	16	16.67	50	60	4	89.5	45.2	205.2
56	12	16.97	102.9	77	4.4	92.6	43.5	122.5
54	0	23.12	88.6	70	4.1	94.1	34.7	166.9
38	15	26.5	101.5	86	4.4	92	75.5	125.6
61	13	35.34	133.5	108	5.4	64.9	57.3	50.7
36	8	20.51	75.7	66	4	114.2	72.1	105.2
88	10	30.23	117.5	110	5.1	90.6	81.6	239.4
25	3	15.23	66.2	60	4	101	78.2	201.1
83	9	29.17	136.9	96	5.1	102.4	44	50
58	13	36.04	123.9	103	4.9	81.8	93.6	115.4
87	11	27.85	133.2	86	5.4	122.9	61.6	141.5
78	10	22.99	121.9	72	5	86.5	32.7	151.8
43	8	34.4	112.4	95	5.1	105.1	53.9	121.9
88	13	29.09	125.5	90	5.4	102.9	51.8	189.4
87	6	27.92	126.4	83	5.2	107.7	56.6	226.2
46	7	20.89	106.9	80	5.1	132.3	54.6	206.6
83	9	29.18	119.7	111	5	78.4	59.5	122.6
36	9	22.89	105.8	81	4.2	99.7	39.6	81.4
85	0	28.87	129.1	84	5.1	98.7	54.9	180.2
75	12	27.29	106	93	4.4	91.2	43.8	75.6
87	8	33.5	134.9	101	5	114.7	53.1	186.7
74	2	23.54	92.3	76	4.3	65.1	47.6	221.3
54	7	26.1	84	84	4	141.9	44	175.9
78	11	31.79	136.7	98	5	143.3	61.5	96
47	1	25.58	111.6	78	4.6	81	57.7	101
88	1	26.87	122.2	104	4.7	97.1	56.5	153.3
42	0	24.56	95.8	90	4.1	46.2	43.5	238.8
82	4	26.02	109.4	88	5	80.4	58.8	157.1
23	14	31.03	101.1	79	4.4	169.3	49.6	94.1
35	13	38.02	148.3	93	5.8	118	43.9	144.4
27	13	16.93	87.5	66	4.6	120.5	65.2	255.6
28	10	19.41	76.7	68	4.3	85.1	62.4	76.3
82	10	26.15	115.9	84	4.7	96.9	5	217.7
82	14	27.3	115	92	5	98.2	18	133.3

69	7	25.69	89.7	72	4	58	73.6	174.2
84	4	23.68	107.1	73	4.8	103.6	31.3	196.6
48	4	19.61	98.3	60	4.4	122.5	30.3	112.8
34	4	23.34	74.7	70	4.1	153	47.9	208.7
72	4	31.9	120.6	103	5.2	107.2	54	174.6
53	16	27.56	89.8	77	4.4	96	42.7	218.9
43	15	31.05	120.4	86	5.1	96	4.2	170.2
70	0	19.78	80.5	80	4	111.1	52.3	246
34	12	35.66	122.2	107	5	123.1	77	67.7
42	1	23.63	108.7	76	4.6	132	29.4	185.1
19	11	29.85	89.3	79	4.2	36.3	74.7	164.1
22	6	26.25	78.2	67	4	132	45.8	96.8
21	5	23.76	90.1	88	4.1	64	76.8	215.2
53	6	29.6	134.7	95	5	70.5	59.4	95.1
23	8	30.6	117.8	69	5.1	93.7	41.8	185.9
38	12	43.13	129.2	119	5.1	115	59.5	130.5
43	11	30.84	94.9	94	4	60.6	69.7	264.4
72	7	30.75	119	98	4.4	82.2	28.1	181.7
56	14	33.87	95.4	102	4.5	108.6	51.7	183
50	9	30.19	102	99	4.9	114.5	65.5	233
31	8	26.77	100.8	69	4.1	113.8	44.9	151.5
73	3	28.95	113.9	89	4.8	128.2	30.3	176.4
38	6	32.13	99.3	87	4.8	134.3	80.7	85.1
63	6	35.34	126.3	87	4.5	103.2	22.9	152.8
33	4	17.94	73.3	72	4	97.9	45.3	154.8
33	12	15.66	84.2	60	4.6	76.2	48.9	56.1
46	13	35.09	98.3	90	4	82.6	81.4	173.5
25	14	22.22	89.8	62	4.4	59.1	16.6	219.4
20	2	17.05	68.4	60	4	141.7	49.8	194.2
36	12	16.49	82.5	65	4	98	40.4	214.9
83	16	37.81	121.3	119	4.5	122.3	40.3	185
39	7	32.27	122.3	98	4.9	180.3	73.5	153.2
63	10	22.23	109.1	68	4.9	166.8	35.4	59.7
30	12	22.48	110.1	75	4.4	133.3	31.1	106.6
50	3	27.33	92.2	96	4.5	88.7	32.4	155.2
22	0	32.16	91.5	80	4.4	124	52.5	122.7
44	1	25.24	70.7	77	4	99.8	49.6	104.4
41	14	22.28	77.7	69	4.2	71.8	46	285.7
84	10	33.81	156.1	109	5.3	72.6	42	222
80	10	26.84	123.1	95	4.9	125.6	71.3	259.4
65	3	25.85	98.3	96	4.5	122.1	20.5	123.8
80	2	30.55	128.1	96	5	136.6	68.2	145.8
29	2	15	68.6	71	4	92.9	29	130.4
45	0	29.84	78.5	92	4.3	86.8	66.1	54.6
61	4	29.47	88.5	102	4.4	67.3	62.2	171.4
60	4	18.73	109.1	68	4.8	50.3	59.5	126.9
34	2	15.35	83.7	76	4.6	74.6	48.6	124.5
57	4	23.61	78.5	74	4.6	80.4	43.6	111.4
66	12	28.1	112.3	84	4.8	65.9	52.8	147
74	8	28.71	108.7	89	4.5	84.6	66.9	188.9

81	4	37.22	156.3	103	5.9	156.9	45.2	103
74	5	28.1	124.9	111	4.6	79.4	42.3	132.8
87	15	18.61	89.2	87	4.3	44.5	49.4	137.2
60	11	25.49	107.8	89	4.7	104.6	46.1	143.3
40	3	19.21	82.8	60	4.6	119.2	47.6	108.3
44	15	25.93	98.3	92	5	73.4	74.8	177
75	8	35.45	125.7	93	5.3	122.7	38.4	150.6
54	13	29.76	111.9	88	4.7	154.1	68.9	136.4
23	16	22.68	69.1	61	4	93	63.9	170.3
82	12	30.55	109.3	100	4.5	122.3	28.4	143.8
23	14	22.33	62.5	83	4.1	127.7	39.3	108.7
67	9	15	72.8	60	4.2	112.3	49.2	164
39	6	19.6	90	61	4.6	127.3	49.1	156.4
42	14	29.75	112.2	86	4.4	116	42	53
89	5	31.63	154.7	117	5.5	71.6	65.2	199.7
68	2	37.31	130.2	100	5.1	32.8	53	87.7
65	11	29.05	126.1	83	4.6	105.6	51.1	150.1
87	11	35.08	139.4	108	5.2	93.1	69.4	130.2
82	2	30.78	132.1	98	4.7	51.2	39.1	158.6
77	9	32.62	140.9	89	5.8	93.5	41.3	124.4
63	16	33.61	132.5	93	5.4	96	44.2	164.4
53	1	29.92	113	69	4.9	109	29.1	215.4
75	6	33.45	120.2	100	4.6	133.4	49.7	125
55	12	22.81	102.3	66	4.4	75.8	59.4	130.5
28	12	15	89.5	83	4	38.1	31	115
29	15	30.9	103.9	88	4.6	87.9	34.3	165.8
59	2	29.25	107.1	92	5	124.4	50.6	137
56	16	21.75	108.8	82	4.2	140.1	55.1	155.9
88	13	19.43	87.1	78	4	81.9	46.3	91.5
28	13	27.78	89.2	76	4	117.5	44.1	152.9
53	0	31.3	99.4	95	4.7	67	70.2	60.6
69	10	30.12	117.9	84	5.3	100.2	41.3	175.4
48	9	20.88	109.5	80	4.9	14.5	72.7	117.1
50	7	22.23	104.1	97	4.6	90.2	41.5	130
30	13	31.02	74	68	4	109.6	57.8	156.3
35	5	27.44	88.1	84	4.5	86.2	41.2	97.1
58	0	33.36	98.2	87	4.1	57.9	43.6	98.6
75	7	25.06	128.5	94	4.9	102.3	40.5	269.8
73	0	31.44	115.6	100	4.6	154.4	60.9	149.2
41	2	26.76	100.2	99	4.4	75.1	74.4	196.4
48	8	22.66	96.2	93	4.3	78.6	51.5	117.1
72	12	32.57	129.2	83	5.4	92.8	34.3	141.1
27	5	21.04	50	75	4	149.9	59.4	113.3
77	3	27.44	123.8	99	5.3	60	72.1	219.2
19	5	28.06	82.4	87	4.5	76.9	63.1	162.9
32	4	26.28	106.2	81	4.6	120.3	29.3	131.8
20	5	32.94	103.9	89	4.2	62.9	40.8	176.4
60	14	30.44	125.4	81	5.1	74.3	37.8	116.6
48	3	29.72	97.5	91	4.8	153.2	50.9	84.3
87	0	27.41	106.4	93	4.4	152.4	58.6	207.1

84	6	38.14	156.6	117	6	117.7	66.7	138.1
73	1	35.79	141.5	102	5.5	109.9	56	168.7
80	1	32.52	133.4	105	5.7	82.4	72.7	136.3
32	15	31.53	107.4	91	5	100.1	77.7	170
27	3	23.39	91.6	77	4	77.1	71.5	52.7
55	2	26.71	86.5	77	4.2	145.5	39.9	110.2
64	4	30.81	134.8	117	4.8	104.4	60.5	59
74	3	33.31	126.3	102	4.6	95.3	58.2	233.3
67	4	32.35	121.3	102	5.1	101.6	78.4	157.5
88	12	30.49	123.7	100	5.4	80.9	97.1	133.5
32	16	39	82	85	4.6	115.4	44.4	107.7
35	11	26.19	103.5	85	4.3	93.4	53.6	206.4
19	5	33.08	85.7	86	4	187.2	52.2	238.7
60	13	32.35	121.3	103	5	86.9	68.7	166.5
43	5	29.66	93.5	78	4.1	125.1	48.9	161.9
88	6	29.88	123.6	95	4.8	155.4	61.2	163.7
55	7	29.76	106	91	5	16.3	51.4	124.1
59	8	22.75	87.3	80	4.6	87.1	28.2	142.2
22	12	29.41	91.4	75	4.7	145.9	50.6	58.9
28	15	31.49	94.8	86	4.4	32.6	54.1	98.9
82	16	28.93	108.3	110	4.7	135.8	55.1	168.7
51	12	15.95	100	71	4.8	109.8	66.7	137.7
18	3	17.48	56.9	71	4	146.2	45	209.9
19	11	22.09	87.1	65	4.6	91	35.5	90.1
37	5	26.33	106.2	79	4.1	107.9	72.7	203.9
78	4	22.41	122.7	87	5.3	64.9	44.5	120.5
38	2	30.88	97.6	81	4.7	93.2	54.3	119.1
85	0	34.15	132.8	107	5	76.7	52.4	119.1
29	5	35	107	104	4.9	82.4	28.6	112.8
39	16	29.02	110.4	100	4.4	104.5	73.4	181.3
37	4	33.5	106.9	103	4.7	76.5	55.9	122.2
18	2	23.62	88.1	71	4.5	33	60.8	57.1
47	11	26.09	96.8	74	4.7	107.3	70.5	165.2
41	14	20	102.3	94	5	106.5	49.6	167.5
31	10	34.24	108.8	83	4.4	122.3	60.6	144.1
53	12	38.8	127.1	117	5	99.8	54.3	152.4
86	12	24.91	122.9	94	5.3	67.5	63.6	148
41	9	15	100	60	4.6	145.8	46.2	184.7
77	13	21.27	97	68	4.8	89.8	75.4	222.4
72	14	23.1	122.8	98	4.9	70.9	34.8	91.5
41	7	19.04	71.3	63	4.2	143.6	72.5	244.2
41	13	20.82	87.8	60	4.6	151.1	73.7	219.5
71	15	28.23	105	88	4.9	17.1	56.5	135.7
43	8	30.96	102.9	87	4.9	72.2	50.8	165
83	12	15	86.3	79	4	94.5	72.4	215.4
55	8	23.81	110.6	83	4.7	108.4	65.9	183.6
82	11	27.23	113	86	4.4	119.6	39.3	179.1
68	9	20.6	108.2	79	4.3	175.5	60.1	205.4
52	12	28.42	99.9	103	4.5	67.1	48	74.6
60	3	26.29	107.5	74	5.1	104.7	58.2	105.2

46	0	24.31	118.5	82	5	55.8	60.8	142.8
54	14	21.81	84.4	66	4.5	106.8	39.7	202.4
75	1	28.64	108.9	89	5.1	149.7	30.6	238.9
71	7	22.42	101.6	94	4.1	16.1	43	184.1
56	0	16.6	85.9	60	4	56.9	70.5	124.4
59	12	27.13	118.1	107	4.7	123.5	53.6	146.7
45	16	19.57	87.3	60	4.4	124.3	70.9	113.8
46	6	17.12	85.9	60	4	75.1	78.2	122
60	14	27.78	93.2	87	4.7	124.5	53.8	113.5
20	8	26.02	91.6	68	4	139.1	59.1	177.7
27	16	21.8	87	62	4	116.5	64.4	171.3
76	12	28.37	129.8	99	5	143.8	21.2	203.1
31	14	29.54	94.7	72	4.5	109.7	42.1	161.7
64	7	28.44	113.8	95	5.2	92.1	51.1	130.6
59	6	28.22	121.5	96	5.4	108.5	68.2	174.9
49	15	17.37	68.4	60	4.3	125.3	29.9	210.5
49	12	34.76	92.1	105	4	51.6	63	181.5
59	12	30.34	98.5	98	4.6	108.1	43.9	217.4
49	14	21.3	82.5	90	4.1	96.1	59.9	163.5
43	13	26.93	116.4	81	4.5	84.1	46.1	78.8
18	16	28.07	120.6	67	5	65.9	47.8	192.6
73	14	26.76	101.4	102	4.4	43.6	44.4	190.4
19	10	37.76	108.8	90	4.5	84.5	46.1	235.2
47	16	15.33	71.3	83	4	82.1	70	111.1
88	12	18.14	112.5	88	5.2	128.3	36.2	162
69	3	15	93.7	70	4.6	133.9	30.8	159.6
26	2	27.48	79.8	68	4	74.4	33.9	138.6
39	13	30.26	95.7	84	4.8	74.1	43.8	78.9
51	6	29.17	106.7	96	5.1	83.1	49.8	132.8
66	11	25.27	127	70	5.4	133.6	54.2	137.8
18	8	29.44	83.1	73	4.3	79.9	49.9	129
70	14	25.22	87.2	70	4.1	158.9	42.2	170.4
57	14	31.44	135.9	81	5.2	103.8	81.1	229.1
62	1	33.64	130.7	90	5.1	113.3	60.7	187.4
85	8	21.41	92.9	82	4.8	85.9	40.2	108.8
26	2	25.27	93.1	77	4.6	148.6	51.5	201.1
39	15	26.25	109.2	86	4.5	113	67.8	206.8
35	12	35.55	115	105	4.9	85.6	43.4	179.7
60	13	22.12	119.7	95	5	60.4	48.3	231.9
56	9	33.59	128.5	107	5.4	120.6	45.2	142
23	9	18.2	77.5	60	4	80.8	68.8	259.4
65	4	34.46	129.5	101	5.3	94.7	58	164.1
24	3	32.11	103.3	77	4.4	71.9	41.8	50
86	0	26.07	133.3	95	4.8	72.3	83.8	261.4
33	15	32.5	104.3	85	4.8	81.7	36.8	92.3
18	12	23.99	96.2	60	4.3	98.1	51.4	145.1
54	6	21.46	99.6	90	4.7	64.4	69.7	128.5
54	12	37.24	128.1	117	4.7	92.4	49.9	136.2
81	13	23.75	108.4	80	5.2	78.4	46.8	149.8
79	1	31.06	122.1	103	5.2	96.4	58.2	198.4



89	6	33.65	141.6	98	5.1	127.5	54.1	173
78	8	31.84	142.9	98	5.6	106.3	39.3	149.6
50	14	30.6	118.8	83	4.5	81.7	62.3	127.5
83	0	31.08	117.9	93	5	98.6	39.3	141.3
47	2	33.34	91.2	94	4	117.9	30.9	206.2
37	10	28.91	112.4	64	4.6	121	54.8	163.3
77	4	26.76	157.3	86	6.1	106.2	38.9	113.7
41	16	18.79	78.9	108	4	153.9	52.5	178.8
21	2	28.91	86.4	62	4.3	73.5	57.9	236.8
54	2	33.17	130.6	90	4.7	115.8	54.9	109
21	1	20.4	63.4	67	4	98	99.1	58.8
35	10	25.63	116.2	75	4.6	130.6	74.2	152.3
83	9	29.55	131.8	89	4.9	100.3	60.6	180.2
65	9	36.07	129.2	111	4.9	162.5	59.8	228.5
50	9	20.05	78.5	74	4	102.7	64.5	111.2
75	10	31.76	139.3	91	5.7	122	52.4	139.5
45	12	24.85	90.5	87	4.7	94	51.1	128.8
52	16	22.96	107.6	72	5	110.3	51.7	185.8
27	5	21.49	87.5	60	4	81.6	45.4	95.7
82	7	23.07	131.5	93	4.9	112.9	82.9	220.8
59	6	29.99	116.9	77	5	41.1	37.4	178.4
26	3	25.63	136	91	5.7	83.9	67	88.1
77	1	31.29	134.4	113	5.3	79.3	64.8	136.1
32	3	20.27	83.7	73	4	157.1	63	158
74	12	31.18	118.5	91	5.2	78.2	53.5	113.7
86	2	29.6	140.4	87	4.9	85.5	39.3	114
39	4	17.95	74.9	60	4.4	77.1	59.5	116.2
81	10	36.04	126	122	5.5	112.3	59.5	115
58	8	29.04	105	79	5.1	90	88.2	50
88	3	31.59	129.3	105	4.7	86.3	62.6	195.2
73	6	33.94	163.1	102	5.8	164.2	57.2	213.9
40	1	32.81	115	72	4.9	104.6	53.2	63.3
42	5	26.24	88.6	73	4	120.3	47	156.5
23	4	31.35	115.5	70	4.9	112.2	56.9	133.5
51	5	16.14	85.6	75	4.4	74.8	62.2	132.4
80	11	29.36	143.1	104	5.2	82.6	41.6	105.1
26	0	37.39	141.5	89	5.1	66.4	45.8	131
77	1	22.83	86.8	76	4	63.1	39.7	262.4
66	5	32.49	87.4	98	4.7	101	60.2	187.6
68	9	37.64	164.2	115	6.1	103	69.7	145.8
77	3	31.14	115.5	82	5.1	96.2	12.3	79.8
87	7	33.15	109.3	124	4.2	111.3	48	125.6
54	8	17.58	79.3	68	4.2	95	79.8	148.6
48	5	21.39	77.3	73	4	137.2	64	107.3
58	1	35.58	113.6	114	4.9	85	58.7	160.6
79	11	32.76	142.9	100	5.5	129.4	34.9	143
75	11	29.98	117.1	94	5.2	122.7	66	190.4
31	14	25.41	67.1	66	4	23.1	51.8	110.8
53	15	28.71	109.4	81	4.2	54.7	64.3	174.2
53	4	37.43	113.6	92	5.2	48.3	86.5	178.8

25	4	26.39	86.5	60	4.6	109.1	33.1	163.8
43	2	31.2	106	66	4.6	67.4	74.5	137.8
53	3	31.04	126.3	88	4.6	131.3	48.4	183
65	12	23	95.9	68	4.4	67.2	71.4	120
45	13	23.47	104.9	83	4.6	105.3	43.9	56.4
85	14	36.16	115.9	105	5.1	69.6	38	130.6
79	14	30.42	138.8	81	5.5	117.2	64	151.4
68	12	22.92	124.3	98	4.6	90.4	27.8	108.7
59	2	25.13	101.3	79	4.7	86.5	41.2	145.1
46	10	21.09	77.9	78	4	79.4	41.2	58.2
27	16	33.4	89.1	102	4	66.8	42.5	180.8
56	9	25.49	103.6	82	4.5	110.8	61.9	179.5
18	3	25.57	103.4	71	4.1	79.6	60.5	148.6
56	1	32.05	110.7	107	5	171.8	50.9	213.4
38	9	16.92	94.5	61	4.4	147.7	40.9	104
82	9	26.78	102.3	103	4.6	92	50	189.4
32	16	26.93	89.6	77	4.4	87.6	33.2	169.6
21	6	25.29	85.4	73	4.7	94.2	33.1	128.3
77	7	23.7	114.1	88	5.2	145	41.4	141.9
78	6	22.74	104.5	81	4.9	163.1	30.3	146.1
37	0	28.69	119.6	76	4.8	41	54	163.4
27	3	20.94	99.3	60	4.1	140.1	60.9	156.4
51	12	27.97	103.8	72	4.7	91.3	52.1	81.3
65	9	23.68	97.1	78	4.4	75.3	35.3	190.9
50	3	24.08	89.2	76	4	133.6	45	195.3
78	8	28.18	135.9	97	4.8	102.4	65.7	156.7
27	14	24.01	76.5	71	4	141	69.5	198.8
71	9	34.6	107.8	111	4.8	128.6	33.8	107
82	7	26.16	98.6	102	4.6	110	58.6	232.3
18	14	33.28	110.6	96	5	148.7	39.6	107
22	3	22.43	60.4	66	4	95.4	69.7	200
32	12	22.3	79.6	65	4	67.1	70.5	159.6
45	0	17.02	83.1	60	4.2	157.5	14.6	169.2
40	2	24.05	67.9	89	4.3	92.9	37.8	213.1
34	12	25.6	95.9	65	4	105.2	58.2	181.4
30	16	27.46	90.1	69	4.3	83.1	18.5	112
31	5	31.18	74.3	86	4	103	74	177
28	8	30.75	103.4	79	4.2	109.6	57.8	256
45	13	33.81	121.1	106	4.9	66.6	28.5	244
59	12	21.68	100.6	70	4.7	67.3	66.7	201
78	10	27.18	125.9	92	5	73.5	66.8	173.6
81	11	21	111.4	65	4.3	96.2	60.4	111
48	14	29.49	118.9	98	5	113	58.2	171.6
27	14	37.83	100	76	4.2	138.9	64.3	146.3
25	5	19.82	56.2	90	4	173.5	34.9	122.9
38	4	31.13	88.8	84	4.1	105.4	54	140.9
76	6	33.29	117.4	97	5.2	86.5	39.1	112.9
67	2	21.64	132.1	80	4.7	28.6	67.9	267
86	0	29.62	115.2	87	4.7	107.8	50.5	130.9
87	13	24.84	110.4	97	4.6	94.9	17	190.4

47	13	26.27	97.5	77	4.6	89.3	27.9	150.6
34	9	24.64	85.9	72	4.5	80.3	49.7	86.3
37	5	25.65	122	90	5.2	81.2	41.9	145.9
65	8	33.93	99.5	81	4.7	109.9	42.5	153.7
19	5	26.53	120.3	71	4.6	119.3	38.7	226
54	10	23.39	101	78	4.9	99.2	37.5	144.9
18	12	27.41	103.2	75	4.5	123.6	55.6	99.1
21	2	15	65.8	60	4	138.6	61.3	93.4
71	4	22.1	116.9	79	5	97.2	54	201.9
42	7	34.49	100.8	110	4.6	136.7	60	118.2
20	15	26.13	66.9	78	4	71.4	50.9	154.8
26	13	24.13	125.2	64	5.5	108.7	26.8	64.6
51	15	28.04	135.3	91	5.3	88.5	72.5	234.3
60	1	31.42	102	93	4.5	114.7	71.5	102.4
39	0	34.97	125.2	99	4.9	35.3	59.3	195.8
87	16	24.29	134.4	88	4.9	135.3	31.5	204.8
19	1	24.43	93.3	62	4.8	98.6	27.9	256.5
83	2	25.66	114.7	74	5	113	39	99
49	15	33.17	146.2	103	5.5	76.4	82.3	153.6
33	9	27.34	106.5	85	4.8	150.1	55.6	297.8
18	13	40	100.1	96	4.8	110.3	50.3	120.5
89	14	26.03	115.8	100	5	88.6	51.9	146.4
65	13	37.58	116.6	116	4.4	37.1	44.2	188.8
67	3	21.64	100.2	63	4.7	89.6	49.1	197.9
30	8	18.66	75.2	65	4.1	30.4	51.4	246.7
32	1	26.39	105.1	60	5.1	103.8	41.4	124
70	1	33.84	138.8	95	5.5	117.7	31.8	124.9
61	3	24.14	109.6	85	4.5	121.3	51.6	158.2
25	0	23.3	89.5	66	4	74.3	38.5	235.2
63	11	33.15	138.4	114	5.3	81	66.2	120.2
86	11	31.23	127.1	97	5.2	97.2	57.4	134.8
36	9	22.25	51.6	64	4	83.6	48.4	122.9
55	2	21.89	127.9	77	5.2	50.2	39.2	140.2
28	14	31.98	89.3	74	4.6	81.4	60.2	125.1
60	1	17.21	99.9	63	4.2	112	60.8	169.8
37	8	33.48	105.4	98	4.8	86.2	43.2	138
37	15	31.15	126.8	95	4.6	92.9	55.4	202
38	13	15	59.6	63	4	84.4	37.1	150.6
74	8	27.09	105.5	96	4.1	170.3	52.5	59.7
67	1	15.13	81.3	91	4.3	103.8	37.7	228.6
43	5	19.77	94.4	69	4.9	106.7	42.7	191.1
47	15	23.98	99.8	69	4.8	82.9	62.9	209.7
48	15	19.39	96.3	76	4.2	114.2	67.7	136.1
59	8	40.31	137	114	4.8	102.9	29.1	253.3
85	5	32.18	145.8	111	5.5	47.8	47.7	188
78	8	35.2	148.6	115	5	144.9	60.2	188.1
78	15	26.16	139	100	5.6	96.7	34.3	50
87	12	27.18	128	100	4.8	116.1	44	141.5
85	10	36.48	145.5	114	5.2	81	58.2	182.4
34	9	29.6	127.7	86	4.9	113.4	41.9	165.6

36	13	30.67	122.3	68	5.2	120	30.1	122.2
68	10	21.53	109.8	63	4.5	56.1	45	50
87	10	21.51	90.6	75	4.1	115.6	46.8	159.4
80	15	28.57	96.9	103	4.5	96.8	73.4	166.4
47	9	29.24	116.2	81	4.8	69.2	85.3	223.2
42	11	21.02	97.8	73	4.9	150.2	55	182.3
88	16	29.15	116.5	113	4.6	72	51.4	160
43	0	19.67	91.1	81	4	107	33.3	156.4
73	14	27.08	102	68	4.6	62.8	29.1	158.7
39	4	18.38	89.8	74	4	67	67.4	127.5
36	11	34.97	121.9	91	4.9	131.8	27.9	128.8
48	1	25.13	108.1	73	4.3	89.5	59.9	160.4
43	3	22.84	97.2	71	4.8	143.3	85.8	213.8
59	13	20.13	90.3	72	4.1	87.6	34.7	190
58	7	19.55	89.9	61	4.6	86.3	21.3	175.9
40	7	29.62	121.6	86	5.4	77.2	57.2	77.7
64	16	33.02	129.3	118	5.5	85.2	69.3	198.4
30	9	32.42	112.2	95	4.8	118.6	35.1	170
83	7	35.38	138.6	85	5.8	102.6	64.4	275
83	11	37.49	151.3	112	5.7	90.8	68.7	154.7
33	10	32.75	121.4	89	4.6	120.7	55.7	186.8
45	11	23.98	86	67	4.6	116.5	44	175.6
52	2	28.02	115.9	73	4.8	91.6	62.1	149.3
58	1	15	80.6	76	4	145.7	42.2	151.6
48	8	30.83	115.4	89	5.1	53.7	49.3	127.5
49	1	27.9	117.8	79	5	112.2	44.5	181.8
71	3	36.57	111.9	110	5.1	96.3	54.2	88.1
89	5	22.54	98.3	109	4.8	115.1	52.6	292.2
76	7	30.09	113.3	98	4.6	103.1	49.6	146.2
58	15	20.98	85	79	4	107.9	46.4	126.2
83	12	26.34	116.7	92	5.1	46.3	58.9	142.6
71	9	17.19	120.3	71	5	106.8	39.1	200.1
57	13	35.14	141.5	106	4.9	131.3	37.8	187.7
45	14	33.32	105.4	89	4.3	81.9	67	150.8
54	1	24.16	113.4	85	4.4	129.9	63.9	131.5
82	14	28.57	122.5	110	5	89.4	39.6	100
72	2	27.23	120.6	97	4.5	82.2	38.7	150.1
21	10	23.33	67.4	60	4	82.9	39.5	170.8
27	9	27.74	74.2	64	4	69.4	22.3	50
64	16	24.34	116.7	96	4.5	102.2	64.2	200.6
31	7	32.88	106.8	85	4.4	81.3	55.4	178.7
55	4	25.74	111.8	85	5.1	83.6	36.5	137
29	12	41.34	146.1	90	5.6	79.5	60.6	153.9
62	14	26.53	105.5	92	4.4	109.8	63.3	109.4
34	3	27.68	93.9	98	4.8	62	49.2	158.5
52	14	30.17	137.9	90	5	117.8	56.8	50
83	15	32.02	130.8	107	5.2	115.1	56.5	202.3
58	8	27.47	96.9	99	4.3	115.3	49.8	142.2
84	8	30.04	138.1	115	5.5	70.6	50.4	58.3
46	2	28.1	100.6	77	4.4	107.2	55.5	206

35	10	22.33	74.8	76	4	139.1	53.1	129.9
37	13	20.71	86.3	82	4.3	63.8	43.4	125.4
31	12	31.2	115.3	99	5.1	105.4	41.7	131.5
51	12	36.1	105.3	93	4.6	66.6	74	125.3
66	15	17.21	74.7	66	4.2	91.8	44.4	182.4
71	12	18.39	96.1	75	4.3	99	30.8	145.4
48	15	18.33	69.2	66	4.2	81	67.7	131
75	16	31.65	106.7	95	4.7	77.5	49.4	136.4
59	1	32.15	118.9	98	4.6	107.7	48.9	213.9
75	14	21.14	121.4	76	5.3	69.7	49.2	118.9
47	9	40.23	140.8	118	5.7	115.5	68.8	147.9
42	1	24.69	93.8	73	4.8	152.2	35.4	102.2
80	14	35.61	155.5	99	5.7	61.7	66.5	214.5
36	10	31.85	132.7	74	5.3	59.9	55	119.4
89	6	21.25	119.4	99	5.3	54.5	63.8	228.6
25	12	24.49	81	60	4	85.7	43.2	274
20	14	21.77	102	71	5	125.7	90.2	187.3
84	16	18.93	127.6	88	4.8	128.4	48.3	118.7
34	8	25.48	96.8	60	4	112.6	49.1	103.9
31	14	19.81	98.5	60	4.2	106	36.3	211.4
26	9	25.95	78.2	70	4.2	138.3	48.1	166.3
79	10	38.6	110.7	128	4.3	85.3	37.1	151.5
38	0	31.18	91.8	82	4	116.8	82.5	178
54	11	23.66	102.4	74	4.7	159.6	23	105.1
28	5	23.17	84.2	63	4.1	137	15.2	141
37	9	24.59	107.1	68	5	66.4	41.6	104.1
52	1	39.43	107.6	96	4.4	82.6	55.5	170.2
70	12	20.47	78.9	72	4	161	70.3	185.5
64	8	26.99	122.4	80	4.5	82.7	52	208
69	10	29.79	97.5	86	4.5	148	45	120.5
25	6	34.29	102	83	4.4	87	50.1	203.4
21	6	25	85.9	81	4.1	94	61.6	65.6
44	14	21.22	79.7	61	4.1	72.5	32.5	97.6
61	15	28.74	121.6	82	5.3	77.6	64.8	184.1
57	11	34.89	92.4	92	4	94.1	22.1	179.4
64	11	25.36	135.2	85	5.2	105.5	46.3	172.5
61	3	21.96	94.5	71	4.1	87.9	48.5	72.6
65	13	27.66	110.3	109	4.4	121	28.6	205.1
69	2	17.26	134.4	80	4.9	88	50.5	167.8
85	4	25.69	98.5	101	4.4	38.1	43.4	161.5
28	4	34.07	91.5	89	4.3	93.8	53.6	188.9
21	16	32.25	121.1	96	5.3	85.8	54.3	130.4
65	16	26.14	86.4	75	4.6	144.6	55.6	213.1
43	2	36.96	127.8	90	5.1	126.9	42.4	165.9
56	9	38.46	120.8	94	4.7	129.8	52.3	171.7
75	2	30.98	100.2	95	4.8	121.1	68.2	191.6
36	6	18.19	87.3	81	4.5	113.2	62	68
75	16	15.72	102.3	96	4.8	113.1	54.5	130
45	4	35.3	118.1	103	4.4	127.7	35.5	133.5
83	9	28.47	154.5	94	5.8	117.4	11.1	118.5

27	14	36.81	100.5	102	4.9	84.2	20.2	165.9
75	11	18.97	113.4	93	4.9	57.5	59.6	133.1
31	15	26.03	97.5	88	4.7	43.4	38	194.5
32	15	33.18	121.9	86	5.2	74.5	30.8	164.9
50	5	22.62	87.7	75	4.3	77.9	40.2	116.6
34	10	33.09	87.4	81	4.6	97.2	48	163.5
41	12	26.26	87.8	77	4.5	96.3	51.3	100.2
47	4	27.17	101.9	74	5	152.1	39	91.5
79	7	19.9	114.5	80	5.2	116.8	63.7	138.2
30	14	28.51	97.3	79	4.5	77.6	46.7	178.7
79	15	40.16	148	103	5	141.1	46.2	181.3
64	15	29.33	141.5	118	4.8	93.1	36.1	182.9
33	7	22.25	85.6	74	4.7	117	79.2	123.8
83	14	35.37	129.3	118	4.9	114	47.5	122.2
60	14	22.43	106.5	91	4.5	101.2	58.1	50
25	5	37.33	86.4	110	4.2	142.4	52.6	79.3
20	15	19.35	50	60	4	82.5	68.7	236.2
29	16	28.64	94.8	74	4.5	103.9	37.3	154.8
33	10	36.16	99.8	73	4.8	72.9	57.9	128.4
76	0	21.8	97.5	67	4.2	110.5	45.3	193.5
66	16	27.5	127	78	5.3	112.2	52.8	174.3
80	13	33.94	140.8	101	5.5	102.6	44.8	167.2
79	7	15	93.3	73	4.4	102	78.7	130.4
66	9	32.56	124.4	128	4.8	94.8	48.3	146.6
68	6	26.47	105.6	93	5	111.3	26.7	183.1
50	1	35.65	134	106	5.1	118.5	48.1	202
47	10	22.04	104.5	76	4.5	63.7	52	144.9
76	4	18.68	115.2	65	4.9	91.7	52	182.8
32	7	23.74	102.7	76	5	89.1	30.9	67.3
40	5	23.62	93.1	60	4.4	119.8	32.2	111.8
62	7	25.76	97	83	4.7	136.3	77.9	133.6
79	10	24.19	110.4	94	4.7	112.8	46.6	96.6
88	5	15	100.7	71	4.2	104.3	48.2	126.9
32	13	26.43	83.7	79	4	76.9	81.3	282.3
63	1	28.39	137.7	83	4.9	155.9	62	243.2
81	16	25.84	141.7	80	4.9	72.3	49.5	87.2
63	16	28.72	112.1	94	4.8	62.3	53.5	137.9
73	12	27.51	132	101	4.8	121.6	79.9	133.1
61	0	18.71	101.3	84	4.9	84.7	40.5	118
46	5	25.19	90.9	77	4.8	122.9	62.5	83.2
79	6	27.68	126	71	5	143	60.2	143.8
69	6	25.58	99	87	4.4	92	50.9	109.7
71	5	18.04	83.4	89	4	113.7	41.8	85
74	13	34.34	137.8	88	5.4	86.6	56	116.6
83	9	21.17	116.2	102	4.9	102.2	50	208.1
39	5	19.55	124	60	4.8	96.2	60.8	124.3
37	2	27.24	95.6	83	4.3	128.8	25.4	123.3
50	2	25.11	92.3	88	4.5	83.6	97.7	151
89	1	30.61	144.6	115	5.4	79.8	58.9	203.8
42	9	32.24	110.1	93	4.9	94.1	57.3	79.2

63	5	31.32	109.4	90	5.1	119.9	80.8	180.3
74	6	26.99	107.2	92	4.9	76	40.6	159.6
22	10	30.32	93.9	73	4.2	64.5	39.6	194
72	1	17.64	112.1	60	5	135.3	45.1	180.7
78	5	33.57	137.6	99	5.2	33.3	82.6	245
25	2	24.57	74.1	77	4.3	60.9	48.6	121
33	13	38.82	146.7	106	5.8	165	91.4	106
65	8	33.75	111.4	93	4.5	47.4	42	117.2
78	13	25.82	104.6	104	4.3	86.9	10.7	163.7
32	1	27.13	112.8	76	4.7	80.5	24.8	207.8
82	12	34.1	156.7	108	5.2	31.2	58.8	221.5
39	4	15	79.8	69	4.3	69.9	59.7	120.2
20	4	26.04	67.7	73	4.1	108	55.4	238.5
71	2	37.21	136.4	104	5.1	122.6	34.6	162.4
31	2	32.07	84.1	100	4.1	133.1	32.1	147
53	1	21.97	132.7	60	5.2	88.8	28.3	146.9
84	1	28.89	129.1	96	4.7	44.5	45.3	217.3
27	12	21.14	92.8	60	4.6	101.6	55.2	104.7
66	11	24.95	102.3	67	4.6	141.2	69.3	168.5
82	8	29	151.1	95	5.6	145.8	64.1	158.5
74	13	30.06	114.6	90	5	129.5	52.7	83.6
44	16	31.38	96.9	109	4.6	59.1	90.3	50
22	7	34.4	109.4	83	4.3	94.2	50.8	155.3
88	6	19.84	121.9	95	5.2	106.9	16.1	88.4
74	11	27.14	148.2	91	5.6	111.8	30	136.3
32	10	21.9	109	60	4.9	46.6	51.7	147.5
47	12	24.61	115.6	61	4.6	161.7	30	65.5
37	14	22.47	78.2	60	4	139.6	69.8	140.8
54	6	30	101.4	92	4.9	99.9	53.5	122.8
20	13	33.32	88.5	99	4.2	103.8	70.2	122.3
58	3	33.64	119	86	5	85	54.2	125.3
56	2	20.37	65	83	4	137.1	13.7	130.3
43	9	26.26	119.5	78	5	65.3	72.7	96.7
19	15	20.2	59.5	60	4	103.4	49.2	345.8
40	0	20	67.8	73	4	74.9	49.9	64.6
40	3	23.03	85	90	4	99.5	57.2	170.5
33	13	29.06	79.5	80	4.1	135.1	47.9	133.9
26	8	30.11	107.9	89	5.1	80.7	58.5	110.3
30	12	30.93	87.4	86	4.1	105.4	53.6	179.2
45	7	30.55	116.1	90	5.1	96.2	49.4	203.1
44	2	21.91	104.7	66	4.4	78	28.6	158
68	1	34.1	119	104	5.2	81.5	50.7	157.2
81	4	31.82	118.4	85	4.8	81.8	48.2	160.8
69	8	24.52	96.5	89	4.3	45.8	60.5	138.5
55	10	24.75	85.8	95	4.4	95.3	62	185.5
82	3	23.05	105.8	105	4.6	102.3	47.2	90.6
35	5	19.25	82	60	4	54.5	45.4	86.7
80	4	31	106.3	102	4.2	86.4	68.2	205.1
68	1	31.93	113.2	89	4.4	93.2	61	61.3
26	0	21.44	83.2	69	4.4	124.2	40.3	136.6

30	4	19.61	79.7	85	4.5	151.8	26.6	85.7
57	13	21.38	56.3	85	4	111.8	77.2	140.4
72	1	27.66	125.8	84	5.1	58.7	62.3	120.8
60	8	18.71	111	66	4.3	72.3	64.2	196.6
61	8	33.77	114.5	97	4.6	102.2	33.2	236.9
85	2	33.41	108.3	104	4.6	86.4	62.2	93.8
50	13	29.55	97.6	88	4.7	98.8	35.5	107.5
41	14	31.86	97.3	73	4	124.8	66	124.6
53	1	27.35	124.2	104	5.3	94.9	48.2	139.8
27	0	29.79	81.7	101	4	173.4	30.1	193.6
37	7	19.2	76.5	72	4.3	52.7	52.8	99.2
29	5	35.34	135.4	81	5.3	116.2	57.9	136.4
79	0	24.08	115.1	81	4.6	50	59.1	138
35	1	26.23	97.9	68	4.7	74.4	50.8	127.4
80	12	41.92	147.3	104	5.2	125.2	19.7	179.7
42	1	25.68	112	72	4.5	38.2	72.1	137.8
29	3	31.44	108.4	88	4.2	108.9	59.3	68
38	5	30.09	132	85	5	62.7	50.9	82.3
42	16	19	113.4	84	4.4	97.9	69.3	143.9
28	12	21	85.7	60	4.1	81.1	30.4	241.1
81	6	39.22	143.4	102	4.9	100.4	44.6	176.1
67	16	30.47	121.9	73	4.6	111.9	65.1	198.3
79	6	26.9	109.8	93	5.1	131.8	82.7	148.1
66	2	23.79	107.6	99	4.9	104.2	43.1	150.7
31	11	28.92	76.7	75	4	118.5	23.4	162.3
18	7	29.49	82.3	91	4.4	98	61	153
42	11	28.36	114.5	90	5	59.7	70.7	159.7
76	7	33.41	137.9	109	4.9	65.8	23.5	204.4
89	10	21.8	111.2	93	4.6	144.8	47.9	154.2
86	13	21	116.3	103	5.2	63.4	66.9	145.4
22	1	33.26	125.1	82	5.2	105.7	72.2	230.8
36	1	39.68	116.6	105	5.1	105.2	26.4	175.3
40	1	32.06	87.6	106	4.3	103.5	46.2	60.9
26	11	34.79	117	77	5	130.7	42.5	108.9
67	16	26.55	119.6	85	4.9	80.6	34.8	84.3
33	9	28.6	110.1	86	4.9	93.7	53.1	176.7
50	9	28.52	89.1	77	4.5	89.8	55	215.8
19	4	26.67	65.3	64	4	32	77	189.5
31	10	35.47	115.4	110	4.9	77.2	13.6	143
18	8	33.7	104.3	75	4.7	132	58	237.6
75	3	24.6	106.3	83	4.2	160.7	38.1	164.9
33	12	17.13	97.5	65	4.4	128.5	32.4	195.5
64	16	26.62	110.1	91	5.1	111.7	45.9	169.8
61	13	20.07	114.1	70	5.2	58.7	54.3	95.2
31	3	27.14	108	75	4.9	105.6	41.2	130.3
41	2	20.54	70.2	61	4	103	46	174.9
72	2	34.54	116.8	95	4.7	170.2	49.9	167.3
32	13	31.11	84	91	4	47.6	56.3	142.2
89	13	30.96	137.9	110	5.4	62.5	67.1	129.2
51	0	33.43	118.8	103	5.1	136.4	47	179.7



19	6	29.35	113.5	77	5.2	146.3	51.5	199.7
44	3	30.28	116.5	84	5.2	109.9	50.5	163.5
89	10	35.61	121.3	95	4.5	89.1	76	230
40	3	26.19	90.4	75	4	117.2	57.3	209.6
85	3	30.63	97.1	101	4.9	165.3	55.8	127.4
31	8	20.68	86.3	79	4.6	80.6	49.4	189.2
80	9	27.48	161.8	73	5.7	114	50.4	292.3
82	5	40.56	149.1	110	5.4	93.9	20.8	109.9
85	1	31.89	134.3	78	5.2	111.1	43.6	180.4
80	8	26.48	117.7	75	5	123.4	58	65.6
81	1	28.59	128	108	4.8	82.4	50.1	187.1
49	3	26.87	100.9	69	4.4	129.4	47.5	196.1
30	7	28.39	106	80	4.7	85.2	71.4	147.1
83	7	24.61	104.1	100	4.3	117.2	55.9	135.7
36	16	29.97	92	79	4.8	41.7	32.3	150
41	15	30.18	86.5	73	4	122.9	26.3	90.5
28	3	27.04	92.6	78	4.4	73.4	64.2	133.5
76	8	27.84	102.1	108	4.6	85	36.5	144.8
32	3	29.04	120.9	91	4.9	32.3	54.1	190.1
27	9	23.84	79.7	69	4	93.3	62	50
58	6	29.91	84.3	84	4.3	139.8	54	159.1
44	2	31.68	93.3	100	4	53	73.7	107.7
77	15	35.79	137.1	90	5.1	105.8	47.5	152.3
69	16	28.91	127.1	101	4.8	38.8	54.6	251.1
45	6	23.67	100.1	71	4.1	95.5	43.7	124.5
82	2	26.38	106.4	77	5.1	125.8	45.8	82.6
34	3	20.14	73.7	60	4.2	96.7	62	69.8
61	3	31.36	107.9	109	4.3	123.4	63.9	156.7
27	15	15	77	60	4.5	84.9	26.7	211.9
80	4	33.15	133	92	4.9	177.5	38.4	67.1
64	14	33.87	118	97	4.6	133	53.2	185.8
55	15	15	72.6	61	4	106.3	58.8	116.3
87	5	34.65	130	100	5.3	151.4	31.7	148.7
70	16	33.16	126.4	93	5.1	141.8	41.7	217.2
61	6	25.26	126.1	84	4.6	83.9	58.1	134.5
71	3	19.85	103	86	4.1	115	60.9	174
37	13	21.97	82.4	60	4.2	91.1	55.9	119.3
48	9	22.45	87.7	89	4.4	127.6	47.6	135.8
24	16	34.9	132.3	78	5.5	147.2	35	146.2
75	14	24.31	123.5	89	4.9	55.6	44.4	137.8
27	14	32.43	118	84	5	103.6	65.2	50
27	12	26.26	102.2	67	4.8	143.9	63.7	155.3
56	3	27.33	106.9	97	4.8	122.8	37.1	179.6
45	12	17.57	100.6	60	4.4	112.8	73.9	157
47	5	20.12	66.7	86	4	132.3	38.5	193.9
54	3	34.76	144.8	103	5.5	59.9	52.3	165.2
84	7	26.07	130.3	84	5.4	117	34.3	80.5
60	12	28.8	119.9	77	4.6	137	75.4	129.5
69	4	37.84	123.8	116	5	117.1	62.7	101.4
73	15	26.23	127.9	77	5	63.4	52.8	50

85	6	25.89	136.5	91	4.9	88.7	43.7	201.5
26	13	34.24	95.9	94	4.2	100.3	82.6	293.9
40	1	27.07	89	85	4	75.4	57.8	116.3
80	7	28.92	107.3	93	4.6	73	80.6	159.9
78	10	32.98	138.2	93	5.2	114.7	52.3	104.1
57	12	27	106	92	4.7	149.4	52.7	161.1
61	2	31.73	150.8	75	5.1	43.4	62.5	211.2
41	13	26.3	75.1	82	4.1	85.5	52.9	175.1
68	6	32.89	111.7	84	4.3	78.3	54	200.4
75	10	29.53	121.7	86	4.7	145	55.7	224.1
50	4	25.65	111.3	85	4.7	121.7	63.1	236.6
33	8	27.45	105.7	71	4.8	141.7	38.4	165.9
39	4	15	75.8	73	4.3	126.6	50.5	107.4
74	11	34.16	135.6	108	4.7	135.4	42.5	117.8
79	6	19.47	105.2	73	4.6	108.6	59.7	142.5
88	4	20.59	125.9	83	4.9	114.3	50.3	136.3
89	8	24.37	109.9	80	4.9	115.7	41.8	79.9
87	6	16.24	94.3	83	4.2	101	71.7	149.1
47	2	29.81	118.5	102	5.1	100.2	67.7	156.5
40	7	29.17	126.9	71	5.1	114.2	67.8	105
49	8	24.08	88.1	80	4.6	113.5	69.6	147.1
74	8	22.93	111.5	87	5.2	106.3	58.8	91.5
26	0	22.84	78	60	4.5	105.4	60.1	162.2
48	12	30.69	118.7	78	5	121.4	47.4	108.8
88	9	17.44	79.3	62	4.5	96.2	70.2	166.2
26	10	24.55	81.9	78	4	63.4	52.7	180.3
30	4	17.82	67	60	4	106.2	41.6	190.1
75	15	31.61	120.6	90	4.9	73.1	56.6	238.6
20	3	24.98	50	92	4	131.2	44.7	173.4
52	0	30.28	141.9	70	5.5	82.4	64	147.9
38	16	34.5	75.6	104	4	85	61.6	196.4
81	11	34.6	141.8	82	5.5	112.4	63.1	71
69	6	20.87	81.8	74	4	99.6	28.9	128.6
51	11	28.86	89.5	69	4.3	135.5	24	125.9
52	5	33.73	120.5	85	4.6	93.7	53.2	111
32	4	31.18	113.7	78	4.3	91.2	53.2	139.3
23	6	31.77	83.9	75	4	77.1	70.1	254.6
49	13	16.3	65.5	69	4	64.4	41	138.8
69	5	31.09	102.3	104	4.6	84.2	35.8	175.6
45	2	22.24	95.2	73	4	112.3	39.1	108.6
81	10	30.99	111.8	102	4.6	138.5	34.1	112.1
36	9	30.86	124.1	100	5.2	125.5	42.8	103.8
32	16	30.54	84.8	76	4.7	82.9	32.6	112.9
23	8	26.34	97.3	83	4.8	104.9	51.5	224.9
55	8	34.9	145.5	122	4.9	100.8	50.6	130.4
43	11	30.06	107.7	104	4.4	134.8	39.9	111.9
68	6	28.93	90	108	4	139.5	35.4	173
70	15	21.39	108.8	88	4.6	41.6	33.3	155.2
73	10	29.38	116.6	105	5	141.8	14.4	235.1
76	10	38.87	140.1	104	5	52.9	39.6	168

87	1	18.66	129.6	81	5.5	108.2	43.1	220.8
75	9	31.38	126	95	5.3	37.3	19.7	91.9
30	11	32.14	112	78	4.7	130.5	71	144.9
60	2	37.35	119.8	103	5	89.8	63.8	186.4
68	14	31.35	117.5	90	4.9	120.3	47.4	116.2
36	6	27.06	114	80	4.9	91.4	19.3	154.6
38	7	29.54	105.1	69	5	129.1	66.9	90.9
41	6	25.39	100.6	73	4.2	50	43.2	147.3
43	2	34.32	130.2	105	5.3	118.3	26.5	76.8
62	7	17.71	115.9	75	4.4	112.5	31.3	111.3
45	13	24.07	78.3	90	4	111.2	42.1	86.3
46	0	29.68	100	80	4.6	115.4	35.7	138.9
34	5	34.03	131.9	86	4.7	134	40.2	176.2
85	8	26.92	151.2	96	5.1	129.6	20.3	81.2
61	11	22.31	96.2	77	4	57.7	71.4	173.7
78	6	25.73	119.5	76	4.8	103.4	64.5	119.6
85	13	24.8	122.4	96	5.1	110.7	38.5	50
42	1	25.07	99.7	68	5	98	62.9	187.7
84	0	24.39	119.5	89	4.6	104.6	43	169.1
19	13	24.39	103.8	60	4.2	114.3	50.4	130.9
66	7	16.7	64.4	66	4	122.7	32	193
87	12	28.8	116.3	96	4.5	117.1	57.9	254.6
43	12	31.05	118.2	93	4.4	125.9	62.1	155.5
89	4	35.99	134	96	5.2	159.1	53.3	208.8
44	4	32.16	115.6	80	5.2	93.8	42.1	68.2
35	6	31.86	122.5	103	5.3	96	20.1	170
71	12	28.78	142.1	112	4.9	121.1	62.9	173.4
18	12	16.42	71	63	4	99.9	47	172.5
78	13	28.68	143.7	107	5.4	89.8	38.3	79.5
20	3	27.67	92.5	71	4.2	86.4	40.7	122.4
85	14	33.18	129.3	109	5.3	118.9	54.2	165.7
58	0	30.4	91.7	97	4.3	113.6	31.7	146.4
54	4	26.22	89.4	74	4	156	56.4	132.5
68	13	38.75	136.6	108	5	69.3	46.2	182.8
32	4	32.09	105.6	82	5	70	39.3	115.5
25	14	29.04	99	82	4.5	102	38.1	130.1
55	6	29.73	139.5	83	5.6	76.5	55.3	178.6
73	11	27.37	127.5	76	5	46.6	12.8	206.7
64	2	27.1	123.3	88	5.1	87.3	40.4	164.8
27	13	15	95.9	66	4.1	164.9	59.7	230.5
66	10	21.51	95.7	88	4.7	174.6	48.4	228.7
58	9	23.75	93.9	63	4.7	116.3	68.2	238.8
47	13	29.7	126.2	88	4.6	66.6	52	99.4
22	6	17.09	77.5	67	4	76.6	40.1	145.4
88	4	23.87	116.1	91	4.8	102.8	46.4	156.8
48	6	23.1	94.3	85	4.5	84.9	52.2	99.6
69	1	27.7	112.3	76	4.9	104.9	37.9	140.1
40	11	29.72	102.9	73	4.7	101.3	59.1	115.5
65	12	23.13	103.7	88	4.8	63.3	77.3	50
57	10	23.56	96.2	76	4.4	98.5	32.5	97

23	5	22.92	90.7	81	4.4	113.9	59.4	151.3
55	14	24.66	113	84	4.3	88.8	38.4	235
58	1	26.69	98.9	76	4.1	128.4	39.7	84.5
44	2	34.89	130.3	84	5.1	101.7	44.4	211.8
86	12	20.93	90.8	66	4.6	96.1	41.1	150
74	10	37.51	144.6	113	5.7	101.9	59.6	143.3
34	11	19.6	89.5	66	4.5	83.8	50.7	108.1
88	10	32.73	133.2	112	5.2	112.2	47.1	127.8
64	1	24.15	106.2	86	4.4	74.3	55.3	137.2
30	2	21.53	79.6	70	4	171.7	56.2	186.6
28	15	34.9	101.2	96	4	160.9	49.7	142.3
41	13	27.49	100.5	80	4.6	97.7	65	239.5
21	16	27.26	81.8	71	4	117.1	51.5	92.1
63	9	25.34	124.3	84	4.6	118.1	81.7	223.2
35	15	23.51	58	82	4	117.8	36.3	114.3
60	2	25.94	104.9	75	4.1	120.5	27.5	119.3
50	4	15	51.5	74	4	122.7	52.9	170.6
27	8	15.88	54.3	60	4	120.8	63.7	91.5
76	7	29.35	113	90	5	76.4	44.9	228.8
48	1	34.1	137.3	95	4.8	113.3	37.7	144.2
45	13	35.18	135.2	106	4.7	77.7	50.1	156.1
77	3	21.26	107.1	94	4.9	115.7	46.2	151.4
20	7	28.16	92.3	80	4.1	128.1	47.2	197.9
72	14	15	106.6	78	5	111.3	38.3	109.3
31	2	24.89	107.3	75	4.3	122.5	42.2	89.9
75	8	31.94	117.8	92	4.9	106.6	64.4	159.5
32	11	26.9	104.9	82	4.2	155.5	69.1	143.6
19	2	25.01	70.2	66	4	112.3	47.5	129.8
41	14	26.92	93.5	70	4.8	72.4	33.7	197.3
81	1	34.7	143.8	100	5.5	85.4	34.9	132.3
88	9	25.53	110.2	76	4.9	113	31.1	80.3
41	12	27.44	95.1	69	4.1	139.4	63.5	299.2
44	15	36.12	94.4	115	4.8	112.1	52.6	112.7
54	2	25.63	110	93	4.8	106.8	47.1	180.4
56	3	17.18	74.1	68	4	66.5	63.3	143.8
80	2	35.21	123.1	110	4.5	156.9	56.2	50
43	11	33.09	133	81	4.7	60.2	13.4	110.9
82	2	15	85.7	81	4	53.6	39.2	139.8
21	15	26.22	99.2	76	4.9	85.9	49.4	50
46	8	26.87	118.2	75	4.7	117.8	76.6	95
18	15	35.21	118.2	82	4.7	88	74.7	118.7
67	9	26.91	108.6	84	4.6	81.5	17	133.9
28	11	28	88.6	86	4.2	75.3	30.9	213.8
76	8	28.18	105.7	92	4.4	153	52.2	137.6
79	14	24.2	86.5	72	4	110.1	59.5	120.6
53	4	34.78	132.6	91	4.8	126.9	40.1	194.9
73	1	22.25	116.2	75	4.9	161.7	57.8	107.1
38	16	24.09	99.3	60	4.4	160.8	40	239.8
30	10	26.96	51.3	69	4	73	41.1	112.8
26	4	18.97	73.3	60	4	107.5	33.3	130.2

28	6	37.59	123.6	83	5	123.6	29.5	138.1
87	9	26.99	141.8	96	5.8	103.3	42.4	180.5
18	1	31.95	102.4	85	4.5	79.7	67	193.5
87	16	21.26	113.9	91	4.8	20	57.2	165.9
73	3	31.27	113.9	106	4.6	140.4	54.1	123.2
48	6	31.78	118.2	101	5.1	155.5	45.7	91.1
54	7	32.65	113.7	82	4.7	122.1	56.3	167.5
64	5	38.43	122.9	91	5	99.3	42.9	177.1
64	5	23.65	86.9	83	4.2	83.4	38	194.4
86	7	25.88	105.6	98	4.6	103.9	58	83.5
75	6	21.93	111.2	75	5.1	140.1	41.5	151.4
53	0	26.42	83.5	86	4.1	116.5	34	88.3
49	13	30.98	107	107	4.4	34.7	56.5	157.4
81	9	30.66	146.4	84	5.5	148.1	29.6	121.5
88	3	36.84	121.2	109	5.4	120.4	55.8	115.2
59	15	29.94	121.1	100	5.1	67.8	56.1	215.5
65	13	27	119.7	86	4.7	117.7	30.7	206.3
47	16	20.45	85	76	4.7	106.2	31.7	160.5
38	16	32.2	117.7	96	4.7	106.1	69.6	120.4
77	3	26.06	112.8	87	5.2	69.8	59.3	186.3
30	12	32.33	116.6	74	4.5	92.2	57.3	195.1
18	5	24.45	66.9	69	4.3	51.6	53.2	149
82	14	34.2	162.7	92	5.3	136.8	60.7	190.5
50	1	29.32	130.2	81	5.3	74.3	60.7	150.7
55	15	32.95	85	98	4.4	133.7	37.9	123.2
42	7	29.31	122.2	86	5.1	118.4	47.1	164.9
43	8	21.45	80.7	83	4.4	88.1	43.4	94.2
76	9	24.81	134.1	90	5.2	77.5	58.6	101.9
50	2	19.32	103.8	64	4.1	106.3	52.5	69.3
58	8	28.11	93.9	77	4.2	132.5	69	226.4
47	13	18.22	93.6	75	4.5	124.4	54.2	123.4
74	7	28.76	109	95	4.8	117	50.6	215.7
66	6	15	96.1	68	4.1	95.1	62.2	53
65	6	31.86	121.9	98	4.7	124.5	62.4	274.4
89	8	20.38	99.3	78	4.5	53.7	68.3	139
66	4	21.28	80.5	60	4.3	107.4	53.1	164.4
64	7	35.23	130.9	110	5.5	100.3	80.8	89.2
73	4	28.92	126.3	99	4.6	63.3	63.9	141.8
82	1	32.08	127.8	99	5.5	89.5	81.4	117.3
29	15	20.97	69.8	60	4.3	150.8	51.3	103.9
86	16	32.77	126.3	100	4.5	117.1	84	134.5
23	5	26.18	72.4	60	4	128.2	60.7	65.2
82	2	27.71	132.5	95	5.2	86.6	34.6	247.1
42	7	35.94	85.5	75	4.3	49.6	35.7	136.5
18	2	20.02	88.3	64	4.4	145	45.6	209.2
49	0	32.48	113.3	84	4.8	78	45.4	295.2
20	9	29.31	101.4	76	4.3	90.1	55.1	115.1
66	5	25.72	118.7	74	4.5	59.5	76.4	167.8
36	3	20.44	85.6	84	4	141.8	54.9	173.8
77	0	25.65	108.9	93	4.9	109.9	34.9	87.2

46	5	22.09	108.8	68	4.4	96	56.6	192.5
67	3	34.12	101	97	4.8	118.4	44	218
19	10	27.55	109.1	91	4.6	88.9	44.7	128.8
73	5	22.94	90.5	74	4.2	81.9	47.2	172.3
34	15	18.37	73.9	60	4.3	64.6	44.5	156.2
77	14	24.22	133.4	75	4.9	60.7	30.6	139.9
53	12	34.42	153.8	88	5.3	132.1	51.4	201.4
78	5	27.67	122.1	107	5.4	138	76.1	115.6
34	0	25.92	73.5	71	4	49.1	62	131.1
66	13	37.19	145.2	99	5.1	98.5	32.2	79.7
77	0	24.51	111.9	89	4.4	103.2	12	126.3
37	7	22.15	71.9	72	4.3	80.5	55	198.1
67	16	29.42	120.6	101	5	75.5	58.7	144.2
20	3	29.52	74.4	86	4	103	58.6	119.1
60	0	23.48	104.9	84	5	79.1	51.7	56.2
74	4	22.21	92.6	81	4.3	101	34.5	73.3
67	9	35.68	100.3	111	5	67.6	74.9	82.1
85	15	24.4	91.4	82	4.1	82.5	48.1	152.4
67	16	18.29	86	67	4.2	91.7	42.2	239.9
54	0	28.16	115.8	82	4.5	90	57.4	180.9
63	6	32.37	140.1	107	5.2	134.4	42.4	143.6
59	11	25.86	127.6	76	4.7	83.4	33	189
32	16	30.22	78.8	76	4	128.3	42.7	123.8
50	3	20.72	88.1	75	4	10.7	53.6	50
28	5	30.77	91.4	81	4.1	100.1	69.6	186.3
37	7	21.27	84.4	67	4.7	37.2	22.9	195.3
41	16	28.83	124.3	88	4.5	137	56.4	92.1
81	5	31.61	131.1	94	5.1	160.7	62.6	155.1
82	12	27.59	134.2	104	5.3	98.9	56.1	203.1
34	12	19.59	114.4	69	4.9	151.7	59.5	80.6
78	16	19.85	80.2	91	4.4	76.1	71.2	211
32	16	36.56	107	84	4.9	129.5	64.1	193.9
68	15	22.39	112.3	80	5.2	125.4	44	213.5
44	16	31.59	114.2	69	5	95.4	64.3	252.8
78	3	27.71	135.1	106	5.5	99.7	52.4	107.8
75	10	20.98	98.7	104	4.5	110	61.8	191.5
48	15	23.8	99.7	75	4.7	106.2	31.3	87.6
29	10	37.2	102.6	96	4.5	110.3	47.4	119.4
63	3	47.94	168.3	119	5.6	164.2	59.1	245.9
48	6	25.1	99.8	67	4.3	160.1	48.1	187.8
49	12	24.68	119.9	92	4.8	125.5	58	118.8
49	7	17.17	105	65	4.4	162	70.1	104.9
70	3	17.1	75	60	4	67.1	45.9	149.4
78	14	21.86	131.2	77	4.9	124.7	63.3	111.8
63	10	24.33	119.1	69	4.9	125.9	34.6	61.2
24	0	26.85	88.4	76	4.7	87.6	61.4	143.7
21	9	31.14	110.4	82	4.6	164.7	25.5	84.6
69	9	28.33	108.5	103	4.4	148.5	53	123.2
48	6	31.24	131.9	107	5	116.1	52.5	237.7
53	13	23.32	99.6	97	4.9	78.7	75.8	126.7

71	3	26.58	127	78	5.5	53.9	42.7	77.3
71	11	24.82	100.7	92	4.9	69	20.1	183.1
34	15	19.4	85	75	4	149.2	57.9	157
47	14	15.16	92.1	60	4.2	91.8	34.8	200.4
39	15	22.99	95.1	77	4.9	134.6	50.9	149.9
60	13	15	93.4	72	4.2	111	40.1	151.9
44	11	20.2	76	66	4	39.3	46.9	165.4
54	2	30.27	117.1	102	4.6	92.2	17.8	212.1
63	7	28.08	101.3	91	5	71.3	24	94.7
52	0	27.13	105	82	4.5	125	55.7	203.1
21	4	34.08	96.3	73	4.9	126.6	47.8	159.2
43	7	22.63	88.7	86	4	94.5	32.8	189.7
36	8	31.09	78.9	86	4.3	146.2	41.7	88.4
62	0	22.16	100.7	80	4.1	132.5	57.4	110.2
43	14	28.66	102.2	75	4.2	87.2	45.8	67
39	11	27.92	77.6	90	4.2	116.4	56.5	116
75	12	28.25	124.1	81	4.9	76.2	36.9	140.6
80	6	24.68	126.8	66	5.2	89.9	58.2	85.1
45	5	28.92	110.1	77	5.2	118.3	46.4	115.1
82	14	29.39	136.6	100	4.8	101.8	55.7	164.9
61	4	18.42	84.4	77	4	57.5	54.4	200.1
60	2	32.09	116	95	5	112.5	43.9	145.4
54	7	19.58	92.3	71	4.7	90.4	44.7	156.2
83	9	21.74	112.2	87	5	76.1	47.7	138.5
34	7	28.45	63.7	109	4	67.2	60.2	117.2
57	16	30.59	100.9	93	4.8	94.2	75.9	133.1
55	11	28.32	124.2	82	4.7	107.6	38.2	135.3
78	1	28.95	110.2	93	4.2	93.1	64.5	184.4
26	10	20.18	74.7	63	4.1	109.2	46	196.6
78	3	23.86	110.9	87	5	92.1	48.4	150.7
33	6	15	51.4	60	4	117.7	54.3	115.3
19	6	21.49	101.2	73	4.6	95.6	43.2	50
89	11	18.95	106.9	86	4.6	50.9	44.6	101.4
60	10	27.08	96.3	78	4.4	64	78.1	164.9
59	6	41.14	146.5	117	5.8	84.2	51.3	130.7
74	14	31.56	120.7	78	4.9	137.8	57.4	137.3
84	6	15	97.9	97	4	71.3	77.3	70.9
47	13	17.89	105.4	87	4.9	111.8	76.8	132.3
30	15	19.21	70.3	83	4	112.2	47.4	187.1
36	11	16.47	93.1	60	4.6	63.5	38.4	60.1
24	7	25.31	82.5	75	4.6	91.9	33.9	50
26	16	28.37	95.8	72	4.2	104.6	32.4	85
71	14	19.24	103.5	82	4.6	91.6	43.6	160.4
78	8	25.66	110.2	90	4.8	117	33.5	102.2
19	10	28.32	75.9	71	4	115.9	49	188.2
67	1	31.19	127.7	90	5.4	106.4	39.3	197.4
48	8	27.94	121.7	85	5.1	127.5	44.9	78.1
50	8	28.98	117.4	115	5.1	99.9	48.5	192.1
28	16	26.78	101.5	89	4.8	103.4	45.2	195.6
50	11	20.91	85	75	4	108.5	34.2	158

24	4	22.23	91.8	66	4.6	67.1	55.3	136.9
48	12	19.06	92.5	77	4.6	117.4	68.5	202.8
65	5	35.99	142.4	95	5.7	81.6	68.1	231.8
64	11	18.18	94.8	72	4.4	93.6	62.9	145.9
70	13	32.71	134.4	78	5.2	116.4	45.9	162.5
36	8	18.24	72.2	67	4	113.4	40.5	185.8
23	10	31.6	110.1	83	5.1	57.4	60.6	239.6
66	0	32.83	104.8	91	4.6	57.6	54.9	214.6
67	3	33.91	121.3	103	5	70.1	60.6	124.9
29	1	20.75	70.5	69	4	106	77.7	213.1
40	7	27.99	153.6	76	5.7	139.2	49.7	50
71	4	23.4	117.1	92	4.4	85.6	38.6	176.6
86	1	21.68	95.1	84	4.8	71.8	42.1	292.2
76	6	27.26	97	81	4.8	71.9	52.1	87.2
53	8	31.88	89.1	74	4	113.1	41.4	141.9
20	9	23.43	64.8	83	4	132.3	61.2	125.3
75	13	28.98	107.7	95	4.8	130.5	60.5	133
72	2	21.55	89.5	82	4.6	79.8	69.3	197.4
74	11	20.74	96.5	80	4.7	54.5	69.5	193.3
34	7	25.05	104.6	87	5.1	102.5	12.1	183.9
56	6	25.41	100.8	84	4.4	144.5	38.2	161.3
85	0	31.01	140.2	115	4.9	113	51.6	188.6
72	1	19.49	84	80	4.3	59.3	33.2	121.8
62	11	39.95	130.2	79	5.4	98	49.1	180.2
18	10	16.25	52.4	70	4	69.7	38.4	176
38	5	28.37	107.4	85	4.4	109.9	43.8	115
38	9	25.29	91.9	72	4.6	98.7	75.1	147.7
69	2	23.11	132.3	80	5.4	91.8	68.5	154.6
60	4	25.95	96.8	81	4.1	81.1	50.4	143.4
69	10	31.03	106	82	5	112.8	36.8	124.6
84	5	31.97	135.4	109	4.8	135.8	55.2	111.5
61	3	25.69	104.2	80	4.2	148.5	17.9	100.9
49	5	28.99	115	77	4.7	112.4	60.2	137.7
27	14	19.02	75.6	107	4.4	138.1	58.8	157.5
81	11	25.89	115.2	79	5	69.7	32.6	227.3
86	11	29.37	116.7	96	4.7	89.9	70.4	65.2
85	2	15	93.5	60	4	71.2	41.4	191.3
45	8	27.49	79.5	95	4.3	85.3	36.6	248.5
70	6	25.99	129.9	85	5.2	69.2	52.9	50.2
68	11	34.62	147.3	108	5.9	148.9	30.5	241.9
70	9	28	130.1	81	5.4	88.8	37.3	231.6
21	10	29.88	88.4	62	4	95.8	55.6	155.9
34	3	25.37	83.3	68	4.4	53.6	43.5	139.4
84	9	30.79	136.1	112	5	39.8	71.5	117.8
64	6	30.37	103.5	98	5	151	27	132.7
73	9	19.16	116.9	62	4.4	92.8	51.7	138
40	16	28.87	67	60	4	168.8	65.3	131.8
35	16	34.09	103.9	86	4.6	95.5	62.2	125.4
18	11	32.9	83.8	93	4	62.7	39.9	262.8
52	4	27.16	124	76	4.8	100.7	77.6	146.9



81	12	28.93	139.5	106	5.3	102.2	22.2	131
75	9	32.49	135.9	100	5.2	104.3	49.6	167.8
76	5	20.17	132.1	98	5.1	97.9	64	219.8
18	15	29.85	93.9	71	4.8	54.6	68.4	120.9
20	14	15.17	74.8	60	4	54	36.6	199.8
84	12	32.17	107.4	94	5.1	134.9	52.3	165.9
54	16	24.69	96.6	91	4.1	159	62	131.1
46	8	26.48	102.6	87	4.3	91.4	47.5	180.8
50	5	23.67	83.6	61	4.3	45.1	32.2	228.7
78	16	26.75	121.3	98	4.7	136.1	24.3	164.3
21	9	28.53	63	62	4	74.6	40.2	192.4
31	3	31.53	111.1	75	5.1	110.4	41.7	165.3
50	0	34.8	113.1	102	4.8	84.3	38.7	321.4
39	1	27.29	87.3	68	4.1	85.2	78	166.8
65	0	17.03	102.7	69	4.8	74.1	58.4	268.8
20	5	34.83	126.6	93	4.6	141.9	45.7	223.1
40	0	18.17	94.7	71	4.5	113.6	46.7	157.7
85	13	24.47	104.3	93	4.2	109.9	47.6	126.9
38	4	24.06	102.1	83	4.2	101.1	58.9	152.2
60	4	27.07	105.3	99	4.2	111.6	33.8	188.2
43	0	19.42	102.3	60	4.9	64.5	35.7	178
58	10	19.13	95.6	77	4	115.7	49.6	106.7
55	15	26.87	84.1	94	4.2	136.3	8.6	170.7
28	11	22.21	79.8	77	4	106.6	37.9	111.3
46	1	35.08	105.8	92	4.5	126	63.5	229
77	6	23.69	99.2	84	4.5	87.8	61.8	93.7
84	15	20.83	103.8	92	4.5	112.3	25.9	85.6
82	0	37.03	144.2	110	5.6	88.4	48.3	164.4
78	2	29.82	137.3	107	5.7	50.6	30.2	126.4
36	9	43.3	121.7	104	4.7	92.9	38.5	171.2
63	2	15.47	105.6	66	4.1	133.8	40.6	220.8
66	6	28.25	89	72	4.7	60	59.8	240.8
39	15	29.91	91.8	82	4.8	149	64	80.3
74	6	27.17	147.1	78	5.4	83.5	42.3	136.3
31	3	24.83	73	60	4	116.9	27.3	188.5
61	8	34.47	143.2	89	5	145.5	22.9	206
33	1	29.8	100.7	89	4.5	154.8	66.9	74.4
29	6	16.86	72.2	60	4	148.2	45.7	127.9
72	9	21.78	118.6	84	5.4	77.2	46.7	246.3
68	16	20.02	111	85	4.4	134.3	32.7	130.9
56	7	26.27	125.5	83	4.9	82.2	63.7	196.4
50	7	32.69	111.7	85	4.9	71.8	59	219.6
50	16	24.72	101.6	75	4.4	82.4	43.4	208.4
46	12	25.48	95.2	87	4.4	137.9	35.9	146.5
86	12	21.13	93.6	85	4.8	85.9	52.6	215.1
87	7	31.57	134.2	76	5.2	76.6	22.1	138.3
48	14	34.4	115.3	90	5.2	148	57.2	56.4
48	2	26.81	74.5	87	4	95.9	45.3	50
63	14	36.48	146.1	103	5	119.6	52.6	135.8
69	9	23.74	109.2	74	5.1	71.8	49.3	173.4

27	0	18.62	65.2	60	4	88.1	62.6	110.1
58	10	31.83	122.6	73	5.2	93.9	63.6	180.1
20	6	26.42	80	79	4	82.6	65.6	99.8
76	10	23.51	113	92	4.7	97.6	51.5	190.2
69	14	27.46	135.2	88	5.4	73.3	48.8	217.5
51	1	17.49	91.5	66	4.6	97.7	39.8	173.9
66	0	16.51	83.7	61	4.6	134.2	41.2	89.4
45	5	27.56	87.2	86	4	49.8	55.2	109.8
30	3	29.61	88.5	64	4.5	96	50.2	142.3
86	10	35.36	150.9	114	5.4	85.6	68.2	173.1
84	0	32.32	130.8	107	5.3	82.7	46.5	151.2
78	2	30.81	134	109	4.8	158.6	28.4	83
77	13	34.62	128.5	103	5	143.4	52.2	208.9
88	13	29.94	114.9	94	4.5	85.3	63.9	231.3
41	4	24.93	104.3	82	4.4	59.3	57.7	171.7
80	0	32.47	117.8	108	5.1	145.6	57.1	155.1
78	3	32.25	122.4	88	4.7	112	65.1	89.3
40	3	26.95	80.5	79	4.3	65.3	53.1	50
47	12	19.8	74.1	74	4	72.7	25.3	156.6
77	4	16.29	109.5	80	4.3	103.2	62.6	170.9
35	9	32.05	122.3	83	4.8	152.6	54.2	229.2
73	14	29.87	137.6	101	5.6	89	48.1	189.3
70	5	30.71	137.8	85	5.7	113.6	31.6	231.4
24	4	32.28	96.2	103	4.3	82.3	38	179.6
86	5	21.61	121.2	79	4.5	114.2	22.3	212.2
89	8	15.74	116.8	82	4.5	51.1	41.9	95.3
69	15	30.1	106.6	88	4.9	119.2	40.9	185.4
21	0	34.19	106.8	86	4.8	107.2	48.1	139.1
51	7	29.11	106.8	76	4.4	75.2	73.4	160.9
86	4	18.08	76.1	91	4	-0.5	64.3	188.3
50	2	28.44	111.8	77	5	148.8	50.5	134.2
86	12	20.25	97.8	84	4.4	47.8	38.7	82.8
55	1	17.75	103.8	70	4.8	137.9	32.7	144.8
43	2	26.95	89	74	4.1	75.2	66	105.1
18	1	27.97	94.9	60	4.6	111.4	30.7	199.2
21	2	26.41	90	84	4.3	118.4	32.5	202.8
56	7	29.63	86.4	90	4.3	149.7	88.5	182.3
71	2	22.26	100.2	65	4.6	67.5	47	220.8
50	9	27.51	110.4	65	4.7	98.8	81.1	167.2
50	1	24.09	113.5	75	4.7	71.1	44.7	154.2
89	5	25.49	120.8	92	4.7	68.7	68.7	186.2
37	13	28.61	114.3	79	5.3	102.8	54	173.6
33	6	33.36	116.3	102	5.2	125.2	39.5	110.9
38	3	28.75	110.1	65	4.7	174.6	36.6	192.3
62	11	30.74	126.7	94	4.6	93.4	16.6	50
79	6	27.06	114.5	98	4.5	97.9	35	221.6
48	5	29.93	94	93	4.7	99.8	60.3	191.7
59	7	33.2	144.4	104	5.8	104.9	48.9	87
29	5	38.28	127.6	95	4.7	107.6	41.4	183
82	16	34.26	133.5	106	5.4	65.3	48.2	187.8

20	15	26.67	97.6	70	4.6	17.4	64.2	180.5
26	13	33.87	111.7	71	4.5	91.9	29.2	167.8
68	4	30.29	106.8	97	4.6	158.8	55.1	88.1
33	3	23.36	83.2	68	4.3	102.2	27.5	212.1
20	10	30.38	115.7	72	4.4	96	8.2	86
41	4	20.23	85.9	74	4	99.3	40.7	125.1
30	13	30.39	106.4	87	4.2	79	42.7	70.2
19	4	37.51	128.4	82	5.5	97	45	160.3
88	14	31.94	132.8	104	5.2	101.4	48.4	132.4
38	12	34.18	98.4	89	4.5	101.2	57.8	83.6
36	12	24.73	94.2	77	4.6	103.3	38.7	256.1
64	1	29.89	108.4	104	5.2	103.1	29.9	80.5
39	6	31.19	86	90	4	98.1	66	147.7
50	0	25.17	112.4	84	4.4	134.1	68.9	144.3
49	9	31.1	107.9	80	4.5	156.8	52.9	108.8
81	1	29.73	80.2	89	4.5	49.3	56.7	151.5
56	1	31.17	119.1	96	4.8	83.3	64.8	153
89	5	20.82	115.1	70	5.1	33.4	65	139
59	11	34.66	153.1	94	5.3	114.9	31.7	71.8
26	5	29.7	97.3	72	4.4	137.4	46.3	121.3
42	6	26.29	114.6	78	4.4	103.3	24.9	178
19	16	26.44	97.1	71	4.4	103.7	54	122.7
36	8	26.77	87.7	80	4	82.7	58.9	124.7
37	7	22.03	92.8	76	4.4	105.6	29.3	131.9
87	7	34.13	134.3	114	5.5	97.8	59.8	154.1
34	16	32.78	97.2	97	4.9	132.5	64.1	210.7
85	12	33.18	126.1	100	4.8	161.2	72.4	166.3
20	13	36.08	97.4	82	4.7	146.7	47.6	183
68	3	28.14	115.1	82	5.2	168	57.1	205.9
43	15	17.07	80.6	63	4	119.6	69.8	180.6
73	4	30.77	114.8	86	4.9	110.1	32.2	122.8
81	9	30.55	123.5	102	5.1	99.5	47.9	138.4
25	14	36.32	82	100	4	111.2	30.6	148.3
54	14	33.49	103.9	79	4.1	110.1	50.7	225
44	5	27.8	98.2	82	4.2	139.7	46.6	79.4
62	11	26.13	133.3	101	5.3	94.7	40.4	145.3
21	9	33.02	111	69	4.4	68.6	59.2	147.9
54	13	15	67.3	81	4	99.1	38.6	101.1
88	16	28.45	150.1	88	5.7	72.3	44	133.1
50	6	32.67	115.3	85	4.7	93.6	66.8	119.4
48	14	26.27	84.5	87	4	48.3	80.3	204.4
72	10	24.71	109.2	91	4.6	101.1	71.5	143.9
29	10	28.77	111.8	78	5.2	73.5	53.9	99.4
28	2	35.1	92.2	81	4.1	122.4	61	63.7
89	0	29.71	113.4	86	4.5	88.7	54.4	131.5
49	9	22.94	122.5	76	4.6	42.5	19.6	206.2
74	11	34.3	135	99	5	87.8	25.7	113.8
55	14	35.47	116.4	89	4.9	97.5	45.7	89.3
77	14	22.16	106.2	81	5.1	110	78.8	179.5
36	9	43.79	134.9	106	5.3	115.9	32.1	144

73	12	27	112.6	101	4.7	75.8	60.9	163.7
31	15	32.69	126.1	88	4.9	77.2	31.3	273.1
50	1	31.36	114.2	88	4.3	99.1	63.7	207.9
27	6	22.81	94.1	62	4	109.1	58.4	115.4
81	9	24.29	115.3	81	5.1	114.2	31.1	102.6
81	5	27.41	119.8	95	4.9	128.5	51.7	65.7
79	12	15.78	109.5	78	4.2	49.7	59.8	143.3
85	11	31.93	145.1	99	5.2	129.1	53.5	195
60	11	15.63	61.8	78	4	124.6	67.9	72.8
76	13	27.09	116.9	92	5.1	125.5	60.8	191.2
69	10	22.97	136.2	78	5.2	93.3	77.7	182
36	0	30.47	97.2	77	4.7	107.6	73.8	167.9
38	9	15	80.8	60	4.2	114.8	57.5	121.5
39	13	17.03	97.3	70	4	94.5	62.4	156.3
26	10	23.42	68.2	64	4.3	128.5	46.8	184
26	9	30.11	92.6	82	4	64.6	56.2	175.4
44	16	28.33	80.1	75	4	121.6	60.1	155.8
34	1	33.3	110.2	86	5	114.8	41.8	158.3
61	1	27.65	116.6	87	4.5	145.6	73	203.3
62	0	26.89	119.4	110	4.8	158.2	44.3	116.9
25	5	20.57	102.2	60	4.9	94.2	54.6	177.6
35	12	25.66	94.8	85	4.5	146.1	47.3	231.2
50	8	26.88	86.5	75	4	109.1	72.1	117.2
18	10	15	50.8	69	4	109.9	29.3	130.5
23	0	21.66	68.4	60	4.2	111.9	30.8	60.6
58	5	29.78	116.7	100	4.7	59.8	41.1	147.4
72	3	28.08	152.4	93	5.6	134.1	44.3	198.2
22	16	25.48	85.9	60	4.7	58.4	50.8	179.3
76	7	23.36	130.3	87	5.6	115.1	30.8	99.7
35	13	16.54	73.9	68	4	24.8	53.8	116.5
66	7	15	70.6	76	4	93.5	30.6	114.7
82	13	25.16	104.1	87	4.8	99.7	52	197.7
71	0	35.93	121.4	129	4.7	119.2	67.9	50
78	13	27.22	116.6	111	5	143.5	62.9	99.9
25	15	33.13	109.8	88	4.5	97.7	44.8	155.5
20	14	19.94	65	60	4	62.6	40.9	149.1
42	7	28.7	115.3	73	4.7	86.6	88.5	66.5
86	9	22.78	129.3	85	5.5	107.1	60.4	215.5
72	4	22.55	102.1	82	4.2	104.6	59.8	102.6
57	4	31.47	130.2	84	4.7	47.8	65.2	100
67	4	26.28	81.9	82	4.4	84.6	58.6	116.1
50	5	18.69	52	60	4	84	58.4	137
35	16	27.59	110.2	60	4.7	93.8	55.4	195.3
74	11	22.7	101.1	84	5	118	54.9	199.5
33	12	18.33	111.2	81	4.8	76.3	45.9	209.7
55	16	21.03	93.2	60	4.5	132	49	73.2
58	10	39.28	117.6	102	4.4	122.2	73	146.3
24	13	34.27	130.8	86	5.3	37.3	62.9	125.3
70	7	15	99.8	75	4.4	87.5	37.8	166.7
80	12	25.87	140	85	5.3	106.4	64.1	195.2

49	6	26.31	93.3	71	4.7	145.3	49.1	121.4
55	10	25.4	108.8	89	4.7	64	39	156.9
39	3	23.02	77.4	60	4.5	48.3	56.4	129.8
33	0	31.48	78.3	88	4.4	106.7	37.3	83.8
69	13	32.66	136	89	5.4	69.8	36.6	82.7
46	5	33.29	107.7	94	4.7	97.8	69.4	215.2
33	4	28.98	84.5	92	4.1	78.1	31.8	250.1
34	8	30.65	82.5	77	4	127.6	53.2	103.8
81	14	24.93	118.1	86	4.4	122.3	63.4	176.6
30	2	17.54	76	60	4	81.8	37.9	143
89	4	17.38	97	103	4.9	145.3	66.7	75.3
73	1	21.89	95.2	81	4.2	101.9	59.5	191.3
22	10	25.8	99.1	71	4.7	109.9	101.8	148.8
29	16	19.3	50	64	4	80.1	52.5	56.1
58	12	20.22	103.9	89	4.6	77.9	78.5	174.7
20	2	24.73	91.4	64	4.4	146	32.3	229.1
50	14	32.18	95.9	99	4.2	103.5	38.5	81.6
67	2	29.01	87.5	84	4.6	106.8	67	90.5
73	2	21.82	114	74	5.2	84.7	42.1	165
26	5	27.28	75	80	4.1	108.2	43.4	205.2
67	15	19.03	120.2	88	5.3	100.5	78.7	121.3
46	12	21.82	123.4	70	4.5	99.5	60.6	168.7
56	14	17.06	93.5	66	4	149.5	58.6	172.1
62	10	29.57	113.6	97	4.8	104	54.8	224
34	4	25.3	89.3	76	4.6	66	56.3	95.6
73	8	26.05	88	95	4.1	114.9	24.2	171.8
63	9	31.84	115.9	78	4.9	89	52.9	224
84	11	21.02	102.2	74	4.1	69.6	40	178.5
86	6	29.8	118.1	97	5.3	78.6	65.7	245
31	5	38.91	124.2	100	5.3	132.7	39.8	148.5
84	2	21.11	111.2	83	4.6	69.2	42.1	147.1
40	11	17.62	92	67	4.8	70.7	30	99
78	7	19.45	96.2	86	4	101.9	59.9	190
40	0	29.33	112.7	71	4.7	90.2	71.8	240.6
44	9	37.48	122.1	103	4.5	70.6	36.9	50
71	14	37.23	143.9	115	5.2	127.6	40.3	90.8
27	6	32.07	101.5	80	4.2	87.3	65.3	192
33	8	32.28	132.7	77	5	61.1	49.4	231.3
58	6	29.79	77	98	4.5	109	53.5	230.2
72	16	31.35	133.1	113	5.1	124.4	58.2	158.9
78	9	28.82	134.5	96	5	114.1	46.6	209.3
66	13	22.2	83.4	72	4.3	119.7	44.7	160.4
69	0	37.28	161.4	104	5.9	119.2	36.4	56.5
19	9	35.01	104.9	77	5.1	92	34.9	162
67	5	22.34	101.3	88	4.6	86.1	21.8	106.3
60	12	30.89	122.3	91	5.2	79.9	52.5	153
25	5	35.77	122.4	79	4.8	99.8	52.4	192.4
76	11	29.51	124	97	4.7	50.9	57	113.4
82	6	25.77	119.1	84	4.8	65.3	63.3	69.4
29	14	35.58	123.2	76	4.9	139.9	53.4	164.3

21	10	28.53	107.1	84	4.6	126.9	29.2	217.7
58	7	23.23	105.5	83	4.8	104.6	39.7	100
24	5	20.1	54	60	4	145.8	35.2	135.9
86	9	15	82.7	89	4.6	111.5	35.6	191.4
86	12	38.84	162	104	6.2	100.8	58.5	111.2
47	12	21.98	88.3	70	4.3	59.4	51	200.7
23	15	32.78	93.1	87	4.4	91.7	36.7	59.7
36	4	21.48	92.6	79	4.3	129.4	61	166.6
83	6	28	127.2	98	4.9	116.8	46.9	227.3
27	11	29.7	94.6	75	4.9	158.7	38.9	117.3
33	11	19.57	91.8	64	4	100.7	56.2	149.3
54	6	32.74	98.5	86	4.4	23.2	70.6	50
49	6	25.81	75.1	78	4	111.5	40.5	109.2
64	15	30.32	140.2	90	5.5	26.5	35.9	143
89	8	35.73	124.1	112	4.7	85.6	56.7	200.9
60	1	31.44	95.7	86	4.8	126.8	52.7	213.9
53	15	26.43	99.5	93	4.4	150.5	43.6	180.3
43	10	38.66	123.4	98	5.4	69	40.9	65.4
27	15	26.73	84.8	67	4.7	112	52.2	138.6
48	1	27.56	100.7	87	4.8	147.3	32.6	135.7
46	13	26.02	78.7	79	4.2	102.9	43.8	175.1
22	3	19.65	86	60	4	81.5	39.6	177.2
18	6	18.99	50	76	4	155.4	36.3	138
20	13	23.67	82.7	66	4.4	129.8	53.8	167.6
84	3	20.92	112.3	80	4.5	102	77.8	107.7
88	0	25.33	129.4	102	5.1	54.1	26.8	201.5
52	3	31.96	118.3	96	4.4	89.3	63	101.6
32	12	24.55	73.8	81	4.1	78.1	51.4	133.9
84	2	28.32	117.5	90	4.5	48.5	-9.2	208.5
47	3	23.96	85.9	80	4.4	140.5	44.5	173.3
60	11	42.27	115.9	95	5	117.2	101.4	115
77	10	36.05	142.1	85	5.2	78.7	19.3	157.9
57	15	25.51	93.2	77	4.8	82.4	67.8	159.4
82	10	28.63	125.5	96	5.3	86.3	56.3	239.4
46	8	18.96	84.3	94	4.2	70	36.5	194.3
36	7	25.71	77.4	89	4.5	185.4	57.4	185.4
20	0	23.4	63.8	60	4.1	78.5	56.4	106.3
53	2	31.46	109.4	99	4.9	90.3	49.1	108.4
60	8	21.42	78.1	64	4	79.4	45.3	116.5
32	10	36.95	129.7	108	5.1	46.2	44.1	235.1
58	7	26.61	127.4	80	5.4	63	54.5	128
53	5	21.78	106.8	70	4.7	131.8	57.8	133
50	5	27.19	109.6	93	4.7	90.2	64.7	80.1
22	13	31.42	99.8	76	5	112.4	47.6	85.3
31	6	30.12	85	99	4	113.7	55.4	153.7
85	0	27.94	135.8	89	4.7	113.8	30.7	205.6
64	9	32.27	142.1	104	5.7	79.2	24	146.5
71	12	31.9	119.2	98	4.4	150.7	43.5	151.2
21	12	31.93	98.8	88	4.3	127.6	32.6	234.2
26	16	25.35	76.6	63	4.5	114.3	49.9	150.8

70	15	25.3	105.6	68	4.8	107.5	56.2	148.7
77	11	25.76	96.2	80	4.6	58.7	51.3	201.4
63	4	24.04	100.2	78	4.7	124.9	42.2	192.7
71	9	27.63	122.3	88	4.8	96	37.3	121.6
54	14	26.97	110.8	79	4.7	75.7	60.6	136.7
40	8	36.93	122.6	74	5.1	69.4	66.2	170.7
44	5	23.97	58.3	70	4	129.5	50.1	160.5
87	8	21.08	111.4	86	5	58.1	38.5	227.6
83	14	30.87	137.4	96	5.1	88	61.3	136
78	5	27.43	118.7	88	4.4	104.8	31.3	184.9
68	3	22.88	121.8	78	4.6	95.6	34	172.5
67	7	31.69	120.4	96	4.8	112.5	59.7	170.2
36	11	25.33	99.6	66	4.9	135.2	25.9	118.9
18	2	36.15	91.3	85	4.2	118.6	30.9	146.1
57	6	21.3	104.9	72	4.2	101.9	68.1	149.4
49	16	23.52	108.3	65	4.4	86.6	25.5	219
39	5	27.77	89.3	79	4.3	57	45.1	135.1
83	1	35.15	115.4	85	4.5	98.1	76.3	148.7
57	14	22.72	92.2	72	4	88.8	58.9	150.3
55	1	29.26	96	91	4.6	115.8	34.5	242.4
65	10	20.02	106.5	81	4.9	95.9	55.3	187.7
72	9	32.5	118.7	98	5.2	131.2	56.3	180
72	3	23.09	118	86	5.2	86.8	33.5	155.9
68	0	30.71	97	100	4.3	83.2	57.9	128.2
77	12	31.02	113.1	98	5	112.7	69.9	203.6
25	5	16.1	58.2	71	4	103.2	73.6	131.2
85	11	28.26	128.2	74	4.6	111.4	56.8	244.2
89	7	23.97	86.3	98	4.1	96	62.2	159.1
26	1	29.99	93.9	60	4	100.8	36.5	183.1
19	3	21.76	72.6	60	4	91.1	75.9	151.1
87	9	23.51	120.9	96	4.5	104	36.8	284.4
76	5	34.19	132.1	108	5.6	137.1	39.9	98.8
36	15	33.73	96.1	79	4.8	84.7	43.7	132.2
45	2	21.04	55.7	72	4	81.8	42.1	104.9
89	0	37.78	133.5	105	4.9	109.6	32.5	89.1
31	13	15	51.5	68	4	94.4	45.8	167.7
41	14	28.29	84	81	4.1	142.4	72.9	130.4
61	16	19.29	83.1	68	4.3	121	40.5	134
73	14	29.23	132.2	97	5.4	125.7	41.3	136.6
68	10	25.43	90.8	92	4	128.4	71.2	152.7
49	2	20.89	63.5	72	4	80.3	20.1	79.1
67	0	22.58	95	88	4.9	103.4	62.2	92.6
58	15	22.28	94.4	94	4	120.3	46.7	87.2
83	6	27.46	116.2	73	4.7	100.1	57.3	154.9
42	1	32.85	101.8	101	4.3	73.1	54.6	153.9
78	4	38.75	137.8	123	4.9	127.9	70.8	150.8
83	15	25.97	121.7	96	5.3	94.8	33	174.8
59	9	28.79	99	85	4.7	109.1	29.9	167.1
82	11	34.12	149.3	88	5.4	117.5	55.4	70.9
53	7	24.31	97.4	80	4.3	145.4	33.1	143.8

26	11	22.3	97.3	65	4.8	106.1	62.2	159.3
53	12	38.69	132.8	88	4.7	39.5	56.6	99.1
55	11	25.92	85.4	76	4	105.5	55.1	79
50	4	28.3	77.3	85	4.5	108.4	39.9	186.6
59	1	17.38	105.2	74	4.9	50	49.5	106.1
78	2	23.86	98	76	4.7	144.2	46.5	193.1
63	3	38.32	131.7	80	5.3	20.6	75.5	152.3
78	3	29.78	114.5	93	4.6	117.4	45.8	135.4
35	14	26.83	116.3	69	5.3	54.1	40	181.7
87	2	35.36	138.1	102	5.3	132.1	65.3	156.8
32	4	17.13	54.6	60	4	116.9	35.8	145
65	12	24.51	102.6	81	4.4	144.2	77.4	107.9
89	5	40.65	167.7	119	5.4	115.5	26.1	223.4
30	2	26.7	80.3	72	4	110.6	76.9	100
60	1	26.66	84.9	87	4	90.2	50.1	205.2
77	12	34.07	142.6	99	5	47.9	43.9	76.9
74	16	34.49	116.3	82	4.4	165.4	76.2	172.3
88	16	19.19	81.9	83	4	85.5	46.1	189.1
34	3	29.57	87	74	4	110.1	34.5	155.7
67	0	37.53	136.9	91	4.8	75.3	49.1	184.1
49	11	23.14	101.6	84	4.2	67.8	59.5	209.3
39	5	24.77	99.2	79	4.2	101.8	48.8	180.5
72	6	27.17	99.2	84	4.4	112.5	45.6	234.3
74	16	31.17	137	95	5.3	152.7	45.3	256.5
30	7	18.43	87.1	66	4.1	130.2	58.7	227.1
64	0	15	93.5	60	4	108.4	32.5	184.5
79	12	28.29	104.5	82	5	98.2	56.7	131.7
71	12	34	118.7	89	4.9	110.3	72.9	166.2
46	1	25.13	102.5	84	4.8	92.2	71.3	179.4
39	1	23.34	99.4	90	4.7	107.8	72.2	92.7
82	3	26	102.3	97	4.3	76.1	37	145.1
46	12	36.59	146.9	97	5.5	83.4	75.1	101
65	16	23.01	101	71	4.6	98.5	47.8	124.9
22	14	30.42	110.6	87	4.6	109.7	56.2	167.6
52	14	20.08	72.1	70	4.1	96.4	50.2	142.4
88	10	20.37	112.4	74	5	105.8	40.4	121.1
63	14	32.07	101.2	102	4.4	72.6	52.4	170.2
52	3	36.81	126.4	112	4.5	64	61.9	145.7
62	7	32.33	127.1	102	4.9	98.5	58.5	151.5
30	7	15	77.3	83	4	49.4	56	151.2
27	2	24.48	75.9	65	4	125.8	37.8	167.6
83	6	28.43	95.6	90	4.3	58.8	47.7	69.1
87	10	27.36	127.6	86	4.8	88.3	53.9	151.7
89	16	15.48	94	69	4.8	115.1	26	230.3
42	0	19.22	78	83	4.2	127.5	59	50
61	16	22.19	85.6	68	4.2	119.3	56.3	131.3
77	6	26.59	115.4	85	4.3	114.6	71.5	156.5
64	15	15.4	87.3	82	4	177.2	43.5	93.4
57	2	30.6	130.1	94	5.4	68.4	49	70.9
24	15	26.44	59.2	64	4	109.4	49.9	128.1



63	15	20.74	77.7	77	4	119	60.3	120.5
40	0	28.16	107.8	65	5	110.7	43.4	184.6
63	4	18.36	59.7	72	4	86.1	68.7	120.7
30	5	26.69	82.1	77	4	116.3	46.6	175.6
38	16	16.2	111.6	65	5.2	114.3	53.4	161.3
18	12	17.07	63.5	77	4	137.3	39.3	185.7
36	2	24.28	101.6	82	4.8	114.2	32.7	132.2
77	15	22.7	83.2	73	4.6	43	48.3	142.1
50	16	29.31	118.7	88	4.4	123.7	37.2	204.9
21	16	26.89	83.2	73	4.5	88	34.7	213.9
20	3	39.6	118.1	112	4.8	94.3	49.4	234.6
69	8	25.41	118.2	82	5.2	65.7	29.9	95.5
45	2	15	69.3	65	4	104.1	45.2	105.9
87	16	15	105.4	79	5.1	159.2	50.4	166.9
87	2	19.82	90.9	73	4.5	132	66.1	133.5
72	11	47.31	156	105	5.7	64.5	47.9	50
74	6	26.78	122.9	88	5.3	94	55.9	171.4
33	6	33.65	100.3	95	4.4	130.3	30.9	108.1
41	14	33.04	96.7	76	4.2	94.6	31.3	151
86	13	19.4	99.5	81	4.3	38.6	62.9	163.3
58	8	16.24	102.4	63	4.4	83.6	39.4	129.8
64	11	30.85	132.3	74	5.3	141.4	35.2	135.3
86	16	15	109	78	5	145.2	34.8	182.7
48	4	32.87	137.4	95	5.2	94.7	44.9	62.3
47	16	26.3	101.2	88	4.4	91.8	59.6	86.9
35	14	30.7	106.5	92	4.9	31.2	17.2	50
61	12	28.82	83.2	88	4	97.1	89.4	118.9
44	0	29.14	91.6	88	4.5	82.9	51	228.8
43	14	27.63	109.4	84	4.3	43.2	37	94
77	10	28.69	133.9	68	4.8	71.4	47.5	155.8
35	16	27.28	77.7	64	4.2	60.7	35.4	147
73	11	18.74	97.6	70	4	101.7	52.6	99.2
48	16	24.64	130.7	79	4.8	146.5	37.9	115.9
76	4	40.02	141.7	113	5.5	95.4	52.1	50
19	13	28.88	113.9	83	4.7	107.8	42.7	171.5
56	3	33.85	125.9	102	5.1	173.9	58.8	223.9
78	8	21.1	114.6	84	5.3	42.9	75.8	85.8
80	9	21	93.4	88	4.5	105.8	39.3	158.1
35	13	19.78	57.9	83	4	134.3	49.3	205.2
34	11	19.01	90.9	70	4.2	109.4	59.9	196.8
56	14	17.27	92.1	70	4.5	51.2	68.3	185
88	7	28.4	126.7	101	4.5	157.9	55.6	225.4
71	7	24.87	90.3	94	4.4	125.2	38.7	80.6
52	11	32.25	110.1	107	4.3	108.1	31.9	114.2
28	5	25.14	80	63	4	58.5	54.1	144.1
78	4	15	86.2	60	4.3	168.7	60.1	184.7
61	0	29.66	118.2	92	5	117.6	57.8	196
85	15	15	108.1	61	4.5	113.4	59.7	151.1
42	0	28.29	106.9	80	4.6	117.6	30.9	174.9
65	12	22.37	105.2	99	4.6	128.7	41.4	169.2

49	12	28.4	108	85	4.9	103.4	47.6	60.2
21	16	18.34	69.6	61	4	96.5	53.7	115.8
55	13	31.67	103.4	87	4.5	32.7	54.2	50
80	2	27.23	120.2	107	4.4	76.4	55.1	131.4
64	2	24.93	118.1	88	4.7	159.4	20.5	146.1
18	14	16.83	65.9	60	4	75.1	30.2	153.3
20	8	37.86	96.9	105	4	91.1	50.8	125.3
79	1	21.56	89.7	85	4.3	65.4	52.3	166.5
81	2	28.58	108.4	91	5.1	115.3	47.6	150.1
34	0	21.31	67.5	60	4	92.3	56	112
79	7	49.66	207.2	127	6.9	91.3	59.9	81.6
52	15	27.9	93.6	80	4.5	76	33.3	111.5
30	13	23.31	86	68	4.6	112.5	24.1	163.8
52	3	30.63	111	85	4.4	144.2	44	145.3
60	4	31.5	139.2	74	5.2	49.2	60	159.8
19	11	29.37	99.7	103	4.6	90.9	53.8	159.6
73	11	25.06	118	80	5.2	95.1	45.8	208.5
68	6	29.64	120.9	99	4.7	77.1	68.5	115.7
71	3	26.07	116.8	86	4.3	134.7	81.9	188.3
33	7	26.85	100	60	5	135.1	60.9	239.8
35	10	22.29	77.7	70	4	106.9	73.7	75.3
24	14	18.22	59.7	63	4	79.6	27.5	165.8
62	16	30.38	117.6	86	4.8	134.4	51.9	123.5
53	8	30.64	104.7	104	4.6	91.2	42.1	108.5
58	3	34.78	126.3	115	5.4	129.4	60.4	257.6
59	10	27.29	92.9	89	4.3	173.3	31.5	177.6
24	5	25.71	66.3	77	4	100	49.4	131.5
32	11	18.54	58.9	60	4	104.7	40.5	201
77	12	26.76	115.9	79	4.9	79.1	62.1	194.7
57	10	29.16	87.6	82	4.1	130.6	42.5	153.1
54	15	16.08	113.4	88	4.4	106.3	26.6	156.6
83	16	33.41	162.6	97	6.2	62.3	57	143.2
72	4	22.73	119.7	96	4.5	78.6	62.9	141.5
73	11	25.82	107.6	81	4.8	158.8	36.7	108.3
61	14	30.59	109.4	82	5.1	92.6	60.1	122.4
74	2	26.96	120.4	85	4.6	67.1	51.6	148.4
23	4	35.42	116.3	82	4.6	105.6	51.5	131.7
49	14	30.77	115.5	81	4.7	84.1	17.3	113.4
35	9	26.11	75.1	93	4	94.4	67.2	237.4
85	9	15	94.7	75	4.7	116.2	55.3	171.9
24	13	32.98	111	82	4.6	110.1	54.2	134.8
25	10	19.92	50	65	4	101	56.3	205.2
81	9	32.11	113.1	109	5.1	81.6	53.7	131.8
24	9	29.94	104.8	80	5	46.6	72.3	123.9
58	5	25.81	100.9	87	4.1	157.6	66.5	99.6
57	15	32.72	114.3	104	4.5	155.8	43.2	140.9
20	5	30.13	111.9	68	4.4	100.7	91.1	186.8
34	1	28.97	99.1	73	4.7	125	61.6	181.8
83	4	16.7	92.8	79	4	99	79.3	168.8
69	12	27.24	109.4	82	5	76.8	53.4	160.6

39	1	19.54	79.4	66	4.1	102.2	51.8	131
21	6	20.42	63.8	60	4	104.2	31.4	231.7
23	4	24.83	82.8	63	4.2	144.7	23.4	275
55	2	35.78	107	109	4.7	102.9	50.3	145.6
43	9	29.19	99.9	81	4.2	151.1	44.9	151
28	0	29.59	90.4	76	4.1	95.2	56	57.7
34	6	31.62	108.7	77	4.7	83	39.7	151.4
48	13	21.75	115.2	66	5	144.7	60.8	113.3
52	10	17.54	90	60	4.1	141.8	63.6	211.9
33	4	16.48	76	60	4.3	102.3	76.1	218.1
35	15	28.39	102.8	74	4.9	110.3	85.5	86.7
79	0	32.92	117.4	99	4.6	108.6	61.3	126.6
44	7	32.48	122.5	96	5	106.3	80.3	158.5
52	15	22.01	101.1	75	4.4	88.9	56.6	224.4
62	8	35.13	125.6	89	4.7	171.9	54.2	209.4
52	9	39.26	134.8	97	5.5	88	35.2	213.8
45	9	30.65	113.7	81	5.3	116.7	51.4	141.7
26	3	35.92	114.8	83	4.9	105.7	45.2	215.8
32	5	32.24	120.4	82	5.3	24.5	35.8	64.7
38	6	25.62	83.9	86	4.3	103.5	26.8	177.8
69	5	23.01	125.2	89	5.1	91.6	49.7	152.6
52	1	17.32	61.6	85	4	83.3	33.5	232
68	14	24.33	117.6	75	4.6	68.8	47.9	121.4
72	9	25.58	114.7	76	4.4	154.1	62	188.8
61	9	25.71	92.5	81	4.3	66.6	36.7	253.6
82	12	26.32	134.1	103	5.2	94.3	31.5	145.5
42	15	15	50	60	4	84.3	30	171.7
64	14	31.67	144.7	95	5.6	68.3	39.9	148.2
73	14	32.37	160.1	95	5.4	123	40.6	118.4
55	13	29.23	108.5	94	4.5	113.3	30.1	126
28	2	19.98	63.5	70	4	85.1	64.2	175.9
84	13	29.2	116.7	103	4.5	72.4	58.5	124
32	6	27.14	109.9	83	5.1	115.7	27.1	159.4
18	2	29.85	88.9	106	4.5	113.1	34.1	111.8
24	14	36.31	65.6	107	4	95.6	62.7	202.1
18	14	25.93	91.6	80	4.5	143.1	30.4	186.4
66	2	28.09	127.6	85	5.1	147.1	35.7	94.8
46	11	21.81	99.3	70	4.5	84.7	46.9	128.4
43	10	32.53	121.7	101	5.4	162.7	38.6	118.5
62	9	31.22	142.5	105	5.5	91.7	81.4	138.5
88	10	28.3	122.4	88	5.3	92.1	56.8	188.6
29	15	20.68	106.6	60	5	121.4	54.1	116.1
49	2	22.9	93	60	4	110.4	49.3	120.5
37	11	16.01	92.4	74	4	101	63	135
68	14	22.83	102.5	96	4.5	42.5	54.2	171.4
53	0	31.26	144.6	90	5.7	52.1	42.6	50
84	6	29.37	135.5	100	5.5	61.5	25.4	168.7
18	16	27.96	88.5	93	4.6	100.3	40.5	50
44	12	35.91	100.8	115	4.5	84.5	44.9	149.3
57	14	28.83	114.3	95	5	88.7	57.2	119.9

31	8	23.54	75.3	72	4.2	91.1	64	64.4
86	15	22.8	120.2	83	4.7	129.3	50	197.3
23	15	25.61	97.6	70	4.1	123.2	51.3	126.7
50	11	24.3	114.2	71	4.9	87.5	32	88.3
72	10	32.72	134.5	105	5.4	90.9	37.1	165.4
36	7	29.53	103.3	81	4.6	74.1	22.9	201.9
46	4	25.08	118	71	4.6	89.9	40.8	88.7
78	8	25.31	136.2	100	5	139	54.9	199.4
87	15	31.22	115.1	106	5	127.6	59.9	71.5
41	6	33.07	138.1	92	5.7	111.5	39.9	50
40	5	15.94	95.3	62	4.9	67.8	66	133.4
27	2	25.97	77.6	79	4.1	98.4	72	145.8
71	8	27.55	87.4	87	4.6	88.5	63	201.1
58	4	30.29	132.6	118	4.7	95.4	67.9	125.5
66	0	27.68	116.5	112	5.2	123.7	36.2	147.6
34	12	29.44	94	74	4.4	132.3	28.4	118.9
73	6	25.58	117.4	85	5.1	173.4	63.7	256.8
62	1	22.16	118.1	70	4.4	73.1	70.7	128.7
47	8	31.71	81.4	70	4.5	136.9	75	120.4
61	0	31.9	121.2	111	5	95.9	24.9	134.6
72	9	30.91	123.7	94	4.7	78.6	50.8	137.8
36	13	31.98	129.4	75	4.9	165.2	33	51.1
46	6	21.17	102.8	60	4.3	152.8	47.4	103.4
19	9	23.96	94.7	71	4.3	91.6	62.7	84.7
53	11	33.72	112.3	98	4.6	78.3	55.6	113.2
36	14	29.14	111.3	86	4.8	47.2	28	231.2
24	12	27.34	84.4	86	4.5	137.6	47.2	50
43	15	25.49	95.8	88	4.9	38.6	42.1	83.9
55	3	34.61	130.3	83	4.9	95.6	63.8	176.3
20	11	16.38	69	60	4	73.2	39.1	108
83	4	28.76	128.8	105	5	141.8	52.4	198.5
88	0	26.6	141.9	88	5	155.3	45.2	207.4
60	14	19.48	88.5	60	4.6	48.9	76.6	57.6
79	2	36.7	122.3	93	4.9	102.4	60.4	83.7
88	11	15	85.4	86	4.3	108.1	48.2	242.9
41	15	27.73	84.1	91	4	91.4	44.5	172.8
56	14	30.17	137.5	91	5.5	80.8	49.9	79.5
85	8	21.15	119.6	75	5.4	146.9	82.8	104.7
61	13	28.66	128.9	88	5.1	84.3	58.8	185.4
22	7	25.65	100.7	71	5	159.5	54.7	145.5
72	16	32.93	123.9	94	4.5	80.1	60.3	161.6
47	0	48.08	169.1	121	5.4	123.2	58.7	119.7
46	15	29.03	95.7	80	4.9	125.1	60	127.1
43	0	30.62	137.9	92	5.5	80.1	60.3	204.5
43	6	21.15	90.7	75	4	46.7	35.3	190
54	0	28.29	135.4	72	5.1	74.2	30.5	74.8
70	3	24.76	93.8	106	4.4	64.6	60.5	126.7
47	6	31.67	105.4	95	4.8	124.7	55.5	195.4
20	4	18.44	50	60	4	88.6	41.8	50
60	7	20.56	111.8	62	4.3	141.2	39.7	50

24	13	34.08	109	102	4.8	117.2	57.7	234.9
66	1	28.26	144.8	91	5.4	94.2	57.6	149.6
58	1	34.94	116.6	103	4.9	102.5	27.5	142.3
71	8	29.18	138.9	96	5.3	60.2	50.7	186.8
86	6	30.06	129.3	109	5	94.2	48.1	50.7
44	10	25.14	95.9	90	4.1	104.3	46	158.8
25	4	25.84	84.8	65	4.2	88.5	33.7	201.4
49	5	32.79	102.4	96	4.2	83.1	39.6	128.6
81	4	26.14	123.4	77	4.5	130.2	45.3	231.7
27	7	34.1	109.9	76	4.6	71.7	22.1	237.5
30	14	26.34	69.1	73	4	117.5	65.8	217.1
80	14	19.92	67.2	64	4	133	48.9	167.5
52	11	19.38	85.1	64	4	114.8	41.3	144.5
78	15	25.97	133.4	68	5.1	63.9	34.8	126.5
71	13	32.49	128.8	97	5.6	103.4	53.7	146.6
25	2	23.01	64	86	4	126.8	24.7	200.7
46	7	31.39	84.2	89	4.1	91.3	60.9	83.5
58	9	27.6	126.5	87	5.2	74.4	62.1	160.8
47	0	30.64	85	84	4	73.3	40.1	188.5
38	7	25.26	105.9	87	4.7	109.7	16	108.4
28	14	28.1	103.7	78	4.3	90	41	147.2
19	13	32.63	124.3	71	4.7	81.5	45.3	191.4
67	11	26.9	102.9	90	5	37	48.1	176.4
58	14	23.85	115.8	96	4.5	154.1	76.8	125.6
83	15	16.09	119.7	62	4.8	90.6	55.1	103.2
20	4	30.25	75.4	69	4	124.4	75.5	92.3
68	0	22.37	105.7	80	4.4	140.2	61.9	146.6
85	1	23.88	114.7	85	4.6	202.2	55.9	172.6
42	12	20.57	71.2	75	4	120.5	51.9	145.9
47	6	25.62	103.7	70	4.7	110.1	20.5	110.3
28	15	39.59	100.6	90	4.8	53.5	19.1	176.2
34	8	29.11	106	82	4.6	39.2	61.3	143.8
43	16	23.14	125.4	76	5.1	28.4	48.9	104.5
40	14	24.26	90.5	102	4.6	94.9	65.5	92.4
73	11	18.37	96.8	85	4.9	70.1	26.5	135
69	13	20.22	121.2	63	4.9	85.4	54.8	130.4
65	15	19.26	114.9	66	5.2	143.1	56.9	131.5
37	12	28.62	91.5	68	4.3	115.5	40.5	228.2
19	2	29.68	104.2	94	4.9	99.6	34	170
48	14	27.47	59.7	72	4	105.9	34.4	161.5
44	5	29.22	90.4	90	4.7	79.1	39.4	123.4
19	0	22.4	95.3	72	4.4	85.6	42.6	172.5
21	14	20.11	68.1	60	4.1	58.5	40.8	125.9
30	11	20.07	77.1	62	4	123.3	54.7	244.9
52	11	19.81	76.8	70	4.4	153.1	47.8	225.9
89	2	29.15	111.5	82	5.2	140.8	31.2	85.2
83	7	39.08	107.2	129	4.4	100.7	58.2	104
23	6	20.72	72.5	67	4	128.7	32.2	230
48	12	24.95	105.9	95	4.2	116.3	44.7	138.6
27	15	28.22	98.6	100	4.1	105.2	34.6	170.3

38	16	25.33	82.2	78	4.6	110.6	39.6	128.7
40	2	29	81.6	87	4.2	60.5	42.4	50
20	1	23.55	76.5	61	4	85.6	43.1	91.5
49	7	22.92	75.4	90	4.2	79.5	46.5	166.6
37	0	25.91	83.8	77	4.2	54.6	49.4	147.6
46	6	28.96	107.9	81	4.4	117.3	65.5	134.7
69	6	34.69	115.8	93	4.5	121.1	34.5	148
63	2	29.26	134.3	91	5.3	24	6.6	89.6
51	1	25.49	85.8	87	4	99.6	33.7	82.2
78	16	31.98	118.9	101	4.5	89.8	66.2	52.7
89	14	33	148.2	108	5.3	81.3	59.6	154.4
88	9	25.18	129.7	90	5.5	50.6	37.9	199
87	3	26.12	128.5	98	4.6	101.8	44.4	195
28	7	24.44	78.3	77	4.4	100.6	19.9	204.2
80	2	31.93	137.6	112	5.4	88.7	36.8	50.1
38	5	27.45	110.8	88	4.3	124.3	38	126.8
20	1	18.57	78.8	63	4.2	122.9	61.2	174
27	7	29.44	96.9	84	4.4	44.1	47.3	151.6
44	16	35.94	127.5	83	5.4	122.9	33.5	130.5
29	9	36.41	111.2	104	5.1	71.3	28.7	191.9
24	12	24.13	91.3	68	4.1	91.8	62.5	241.8
34	9	22.82	88.8	71	4.6	149.4	47.7	67
82	5	38.39	120.1	105	4.7	98.7	35.3	224.7
81	6	36.4	129.5	98	4.9	130.8	64.5	131.6
43	13	29.8	137.3	77	4.9	92.4	60.9	156.1
32	2	16.73	50	60	4	128.1	42.2	140.8
50	7	23.36	120	75	4.7	98.4	31.7	91.8
79	6	20.44	114.8	90	4.8	91.9	71.6	158.2
64	7	37.87	133.3	103	5.5	103.7	59	175.2
52	4	17.85	61.5	77	4	66.4	47.6	119.5
82	9	37.82	141.6	114	5.7	84.5	31.2	50
89	9	26.37	111	89	4.4	118.3	56.3	157.3
42	5	19.81	103.5	82	4.7	125.1	34.2	209.7
74	15	32.92	117.8	109	5.3	72.7	59	144.8
49	12	30.78	106.9	97	4.2	151.7	57.4	121.5
80	6	19.4	107.5	85	4.9	154.2	39.1	191.5
29	9	26.85	83.5	73	4	72.3	57.4	138.4
80	5	35.25	149.9	101	5.7	86.3	42.5	130.1
18	1	24.54	78.6	69	4.3	99.1	64.8	141.1
68	15	37.08	104.9	117	5	136.4	42.4	130.1
87	3	22.53	115.8	99	4.8	117.2	60.2	143.7
25	2	17.27	84.2	60	4.5	90.8	88.7	166
85	2	27.27	143.6	97	4.9	62.1	37.7	208.9
22	7	18.24	80.8	60	4	41.3	29.1	50
56	11	27.75	125.8	82	5	108.6	50.8	126.1
40	1	27.03	106.4	73	4.7	154.6	57.3	218.9
85	13	22.45	98	92	4.4	100.1	36.7	130.3
69	6	38.27	124.3	95	5.5	112.5	48.2	205.5
21	12	26.98	55	60	4	106.3	37.8	159.5
64	8	32.19	118.1	90	4.6	50.8	26.7	219.3

38	14	32.57	118.9	88	5.3	147.1	53.5	164.6
73	8	37.57	113	88	4.7	76.4	49.6	209
83	10	19.74	125.4	93	5.1	76	33.6	165.8
76	3	16.46	94.4	73	4	114	36.6	205.8
24	4	37.34	98.2	91	4.2	78.4	44	237.5
66	7	30.49	95.2	104	4	60.9	47.8	184.2
33	9	27.76	121.9	72	4.6	129	28	197.5
34	10	26.2	112.1	92	4.9	103.8	39.5	119.6
51	11	25.14	94.7	81	4.7	128.8	66.6	150.1
50	5	32.17	128.3	99	5.4	89	58.6	85.4
43	2	18.34	80	72	4	86.4	44.5	175.5
83	15	29.86	117.2	104	4.7	107.6	66.1	191.5
80	8	33.19	121.6	102	5	110.5	46.7	93.1
58	5	31.46	113.4	87	4.4	80.7	44.1	238.1
75	12	26.57	109.7	109	5	77.2	53.5	130.9
27	9	26.98	93.4	76	4.4	127.2	52.6	199
32	5	34.71	134.5	78	5.7	110	70.2	135.8
59	16	30.49	149.7	106	5.1	108.2	33.8	138.3
74	4	37.53	119	103	4.5	40.7	60.2	50
34	6	16.54	82	60	4	107.7	45.8	150.5
77	10	32.44	131.5	91	4.8	111.2	30.1	96.1
26	11	22.13	90.2	60	4.5	90.4	54.7	189
53	14	26.56	97.9	75	4.9	116.9	43.2	111.4
53	8	35.26	130.2	114	4.7	79.2	69.2	119.2
65	1	20.99	78.8	83	4	110.3	37.3	149.6
68	8	39.69	189.1	107	6	54.2	40.4	194.6
87	15	33.63	140.1	98	5.3	127.1	51.5	157.7
85	1	30.48	139.4	97	5.2	76.8	23.6	131
39	1	21.41	70.5	82	4.1	113	64.8	177.3
23	5	25.92	77.9	60	4.3	137.3	66.6	167.5
43	4	24.85	74.2	107	4.1	129.6	60	128.4
20	10	19.61	96.1	60	4.5	112.9	51.7	50
69	5	33.56	110	96	5	124.7	59	218.1
77	7	24.57	109.8	86	4.6	144.8	53.7	120.1
80	11	25.95	114.7	89	4.3	103.6	62.7	187.5
82	7	26.25	125.6	85	4.7	129.1	76.4	177.2
69	5	25.71	91.5	96	4	64.6	48.2	83.2
31	12	30.18	113.8	93	4.7	78.4	45.9	123.7
89	0	23.26	134.7	99	5.1	145.2	47.1	68.2
85	12	33.11	123.8	104	4.6	92.6	31.9	79
45	4	23.42	93.8	70	4.6	84.3	51.4	139.1
88	16	26.83	132.1	92	5.2	91.4	25.7	173.4
27	12	19.16	80.7	63	4	78.6	67.9	217.5
74	16	33.43	113.9	90	5	94.9	69.3	146
83	13	34.95	146.9	107	5.6	68.5	37	90.9
67	3	31.3	143.8	113	5.1	83	33.9	153.2
31	7	28.02	119.2	77	5.4	102.4	63.2	147.3
33	16	26.78	103.7	83	4.3	147.2	26.9	145.9
71	8	17.63	107.2	69	4.9	98.7	36.2	159.6
60	3	18.87	86.9	83	4.7	48.2	34	255.1

59	6	31.5	103.7	86	4.8	130.2	55.3	178.6
39	11	25.92	95.3	74	4.6	124.2	55.5	75.7
85	15	18.84	139.1	86	5.7	76.2	52.9	155.3
36	5	18.57	72.2	60	4	123.7	47.4	72.1
83	12	30.81	134.6	103	5	96.1	58.8	176.2
56	2	32.24	123.1	103	5.1	143.3	49.6	151
36	9	17.8	73	67	4.3	171.6	71.7	86.7
33	15	27.91	119.6	88	5	112	63.8	136
71	6	29.33	143	80	5.8	123	37.2	146.2
42	2	23.5	133	80	4.9	148.1	43.4	242.3
35	4	34.44	99.4	85	4.8	128.8	45.7	71
40	15	24.93	101	81	4.9	113.6	34.3	156.6
28	7	16.7	73.7	77	4	96.7	65.1	159.4
56	14	25.83	94.4	60	4.8	66	60.6	134.4
85	6	35.21	127.9	100	4.8	91.7	44.6	134
42	5	24.93	98.4	60	4.9	92.9	55.7	99.9
80	13	20.72	99.4	70	4.9	100.6	42.2	169.3
47	9	30.77	95.3	83	4	45	62.9	127.7
62	10	28.55	115	98	4.8	89.2	46.3	120.9
78	4	26.98	101.4	99	4.6	92.2	19	191.2
68	5	29.86	111.7	100	4.3	58.2	29.7	187
26	13	22.85	89.1	75	4	112.2	67.9	209.6
19	10	23.4	79.3	60	4	127.8	46.3	123.4
22	15	31.37	94.9	89	4.4	99.9	54.5	232.5
79	15	21.2	134	76	5.1	62.7	46.6	100
86	15	36.69	162.4	113	6.2	96.9	27.5	123.3
69	3	34.38	129.5	91	4.9	122	32.6	53.7
22	14	20.14	61.1	63	4	121	65.1	82.6
76	12	35.85	146.9	103	4.9	98.6	64.4	214.1
85	16	27.91	161.2	98	5.9	112.3	28.4	103.7
26	6	35.31	129.1	80	5.5	80.9	67	170.5
39	13	27.8	80.6	88	4	122.4	41.5	61.5
44	15	25.94	95.9	66	4.2	87.7	52.1	143.7
27	10	25.31	78.1	91	4.2	77.1	49.1	50
78	7	15	80.1	66	4	128.6	58.9	109.8
68	12	32.56	141.1	77	5.2	104	61.7	175.4
27	14	22.76	100.7	69	4.3	102.5	43.6	194.5
23	0	32.76	128.7	79	4.9	116	65.8	175.1
79	0	37.04	148.8	98	5.7	98	70.1	245.2
22	10	23.53	82.4	83	4.6	72	55.1	135.9
87	5	23.18	117.7	96	4.9	93.3	34	166.4
80	7	33.05	117.5	106	4.4	55.3	56.4	153.2
73	0	24.19	130.4	76	4.9	135.2	42.2	206.6
76	16	34.9	121.7	97	5.4	66.7	44.5	170.5
80	7	22.85	104.6	80	5	158.3	35.9	155.4
76	3	35.63	129.7	85	4.7	76.3	71	241.1
68	6	25.17	63.3	88	4.2	118.5	48.4	109
67	4	28.98	129.5	95	5.6	156.3	70.1	188.1
21	15	32.89	87.1	84	4.1	107.8	60.7	152
65	9	30.07	128	94	5.3	90.3	38	65.5



49	13	33.42	109.6	81	4.8	101	38.3	145.7
68	5	18.26	88.7	66	4.1	74	47.4	192.5
69	10	24.56	92	82	4	39.2	49.3	148.2
51	15	27.38	126.1	98	4.9	117.9	43.6	91.2
53	3	22.41	120.5	89	5.3	39.2	66.3	150.1
87	5	32.82	149.1	108	5.8	58.9	51.3	50
60	0	23.93	106.8	102	4.5	101.7	54	191.5
33	9	22.42	88.4	76	4.3	80.2	33.8	87.9
76	13	32.64	144.6	106	5.3	114.7	23.1	185.9
70	0	20.73	99.6	94	4.5	148	63	159.4
36	13	21.02	104.8	77	4.9	92.3	35	50
58	16	30.05	99.7	106	4.5	81.8	45.8	137.5
64	1	35.06	141.8	100	5	153.1	48.7	133.5
71	8	27.97	135.7	84	5	120.5	51.9	106.4
72	10	17.3	79.1	74	4.1	127.7	42.5	188.3
36	2	31.11	92.6	87	4.5	125.3	37.5	50
79	0	23.44	110.7	77	4.7	92.6	42.1	90.3
76	3	33.72	136.8	94	5.4	88.7	24.1	140.7
82	6	24.72	106.2	85	4.9	71.5	56.1	237.2
85	5	33.86	136.6	93	5.3	121.8	57.8	205.9
45	10	24.49	65.5	72	4.3	111.6	56.1	125.1
35	2	22.87	99.7	80	4.2	119.4	51.5	114.9
43	13	15.49	89.7	72	4.7	43.9	66.1	217
36	5	23.04	111.9	60	4.5	127.9	67.7	195.9
72	12	28.06	125.7	94	5	86.2	65.4	140.6
74	0	27.6	111.6	90	4.7	37	49	195.1
23	16	30.67	82.6	91	4	61	47.9	205.3
18	3	34.46	90.7	82	4.8	85	50.9	121.5
25	13	27.17	90.5	63	4.1	78.5	40	165.2
68	4	27.41	101.1	84	4.7	100.4	52.6	62.9
42	4	33.68	101.8	79	4.8	113.8	50.8	176.5
64	9	28.39	113.2	67	4.5	96.6	63.2	161
72	10	21.46	79.7	81	4.6	85.8	70.6	130.3
81	12	23.87	98.4	93	4.5	104.3	54	95.8
27	5	15	71.8	60	4.4	104.7	60.1	94.1
73	12	21.38	108.3	69	4.8	138.1	49.8	219.9
29	13	16.86	86.2	60	4.4	81.7	61.5	208.8
50	4	29.11	110.5	88	4.6	96.7	62.7	281.2
88	6	34.27	138	122	5.5	149.4	71.1	89.7
34	11	21.35	94.3	83	4	63.4	21.2	159.5
78	7	21.58	110	80	4.8	89	58.6	123.5
27	1	32.66	89.2	87	4	72.6	46	89
48	9	24.29	85.6	87	4	62.4	57.1	170.2
77	3	28.54	145.7	92	5	106.8	57.4	233.7
87	1	31.46	179.7	87	6.5	139.9	38.1	157.5
34	5	22.75	98.5	60	4.6	162.9	24.9	181.7
67	14	22.87	89.1	84	4.5	98.7	54.9	226.8
54	6	23.96	128.4	78	5.4	115.1	44.1	130.2
79	3	17.68	93.4	61	4.6	116.2	60.3	112.7
89	5	29.92	135.7	85	4.8	93.8	47.5	217.2

46	16	30.61	108.9	85	4.8	138.4	61	128
49	13	27.48	107.2	78	5.1	95.1	55	234.9
28	8	35.16	102.7	103	4.3	132.6	28.7	165.9
23	10	25.43	106.8	87	4.8	89.3	50.1	159.9
52	10	30.71	109.7	81	4.8	65.4	50	183.9
50	2	29.92	119	102	4.8	67.3	45.1	122.7
35	6	22.21	95.8	87	4.9	51.4	58.3	130.1
54	7	33.93	118.2	98	4.7	137.9	36.8	103.8
30	13	27.77	73	69	4	138.3	73.1	103.7
81	3	32.85	118.8	102	5.3	78.6	29.3	104.5
18	4	19.19	83.1	60	4.4	68	28.9	171.7
80	10	27.66	124.9	87	4.8	76.7	58.8	146.2
51	6	24.24	86.8	82	4	105.3	82.3	149.5
27	12	21.89	82.9	72	4.6	71.9	40.7	103.2
24	15	35.46	111.1	83	4.5	116.5	56.9	217.3
73	8	28.17	126.6	92	5.1	90.9	66.3	230.1
54	10	18.14	115.6	61	4.5	132.5	46.6	143.9
46	6	24.02	61.8	91	4.2	120.2	42.1	152.6
29	13	32.63	122.9	100	5.2	66.3	69.3	206.5
34	4	21.88	89	78	4.3	62.2	55.1	214.4
65	10	21.27	84.6	76	4.4	106.2	58.3	190.9
43	1	26.12	101.2	71	4.9	94.5	31.1	199.9
29	3	29.82	120.8	89	5.4	138.2	56.7	98.3
38	12	22.63	115.4	75	5.1	111.7	64.4	113.3
59	2	29.34	97.9	79	4.8	86.3	57.3	249
78	0	27.21	105.7	102	4.5	150.4	57.9	152.3
75	13	27.94	99	87	4.4	87.1	74.3	149.2
71	6	15	94	63	4.7	59.8	58.5	219.8
51	14	27.1	108.9	93	4.9	93.8	67.8	117.8
24	13	25.5	102.8	65	5	75.8	61.9	174.3
52	8	29.34	116.3	88	4.5	129.6	41.6	246.8
32	6	23.08	100.6	85	4.7	66.1	53.9	122.4
82	4	24.77	94.7	101	4.5	125.5	58.7	81
42	7	30.2	132.7	89	5.5	92.2	15.7	102.4
76	16	35.67	153.8	92	5.1	52.5	52.8	128.3
23	1	19.05	66.7	60	4.2	112.8	68.1	111.5
69	14	30.08	107.9	117	4.5	135.6	36.2	169.5
38	3	34.32	123.8	100	5.2	103.1	33.6	152.1
88	13	31.17	107.9	98	4.8	94.3	55.1	239.6
49	8	33.92	106.3	80	4.6	155.8	32.8	147.4
70	14	23.74	92.1	65	4.6	136	67	168.6
76	11	34.42	130.4	114	5.6	123.1	42.3	155.1
86	14	22.65	106.6	100	4.5	39.7	60.2	185.4
79	2	27.33	107.4	92	4.9	79.1	36.3	111.8
21	13	23.99	70.2	66	4	93.6	80.3	131
35	15	24.23	81.4	86	4.5	113.9	83.1	215.3
73	11	16.67	77	60	4	126.9	66.9	187.4
41	7	15.17	84	83	4.1	68.8	39.8	202.2
83	3	34.06	151.5	111	5.8	117.4	49	133
30	3	16.21	78.4	60	4.1	65.1	20.3	226.3

79	8	28.5	142.2	102	5.1	121.3	69.6	121.7
71	16	19.21	86.3	71	4.7	66.9	51.8	122.9
32	9	21.91	73.6	60	4.1	137.3	48.7	147.1
86	8	31.11	136.9	108	5.4	107.6	36.5	220.8
20	16	27.97	99.5	64	4.6	88.5	64.8	119
54	13	26.24	104.7	70	5	109.1	58.1	86.3
54	6	33.87	119.4	99	4.6	80.4	50.7	216.5
20	12	25.26	69.5	70	4	100.7	56.5	116.5
80	1	34.38	93.9	113	4.3	70.1	79	208.1
52	2	20.58	100.5	71	4.6	108.9	36.4	116.6
69	8	19.86	113.9	74	4.6	92.4	31.1	140.4
45	11	26.17	93.3	60	4.6	93.8	38.3	232.3
35	10	27.02	88.3	84	4	98.7	68	218.6
53	15	21.85	85.3	76	4.5	73.3	54.2	226
50	1	25.34	95.1	92	4.6	162.3	38.4	129.8
81	4	35.19	151	112	5.2	93.9	57.9	167.5
43	5	24.63	81.7	81	4	133	42.6	176.3
65	10	15.38	97.9	63	4.8	65.1	52.6	186.2
57	16	16.54	79.1	65	4.4	32.4	57.1	153.7
34	10	39.52	91.1	102	4.6	107.7	40.9	227.3
57	15	35.7	119.8	98	4.7	132	22.8	91.1
24	6	24.38	110.4	85	5.2	136.5	53.6	208.4
74	2	31.86	115.4	111	5	128	47.1	162.9
25	7	28.56	91.1	75	4	93.7	40.7	299.5
73	5	34.62	130.9	102	5.1	117.3	53.7	148.9
48	2	20.57	93.1	65	4.5	80.9	59.3	93.7
76	3	20.74	127.6	80	4.7	81.6	17.3	142.8
75	13	34.92	120.4	112	5.3	106.6	51.6	100.4
29	10	18.04	75.7	60	4.3	107.1	48.2	215.9
65	14	27.42	123.7	84	4.6	84.1	44.4	134
48	3	26.73	91.7	70	4.7	105.5	59.8	145
80	14	31.71	129.5	93	5	134.2	22	151.3
56	1	27.84	123.4	92	4.9	73.4	5.9	109
37	5	26.21	88.1	76	4.5	120.2	25.8	115.4
65	13	24.72	104.3	73	4.7	59.1	60.6	81.9
88	11	21.03	93.8	88	4.3	49.6	42.8	50
71	9	26	126.7	87	4.8	109.1	46.3	143.8
88	12	33.99	139.4	116	5.3	98.1	75.6	124.6
46	10	25.28	92.2	78	4.4	103.5	56.5	100.8
65	11	35.44	123.8	90	5.1	103	65.3	174.8
73	3	31.39	124.1	106	5.1	128.7	49	194.5
34	5	29.86	106.7	73	4.8	116	17.7	169.4
26	9	26.03	80.3	61	4.1	114.1	46.6	157
51	5	23.23	88.3	67	4.3	141.5	37.5	240.7
62	14	37.09	126.2	96	4.8	127.1	37.9	130.2
26	5	31.76	103.8	64	4.2	105.4	55.9	202.3
24	9	26.16	113.4	60	4.9	131.7	16.8	286.8
33	15	37.19	103.8	101	4.1	91.7	39.5	204.1
36	14	30.77	79.7	83	4	92.5	43.4	104.5
23	5	18.48	94.5	60	4.1	139.4	59.7	106.5

28	1	24.44	74.7	72	4	93.2	81.2	99.5
78	2	31.36	148.7	104	5.3	112.1	18.4	178.5
59	12	36.05	145.3	91	5.3	110.6	51.5	107.5
30	1	41.17	130.5	104	4.7	104.7	44.8	158.1
29	14	27.15	112	78	4.5	154	53.7	58
37	1	30.7	77.4	75	4	96.3	89.2	244
67	9	23.33	84.9	89	4	153.2	28.9	138.4
53	6	21.68	99.1	76	4.8	67.7	41	180.4
86	10	16.89	96	68	4.2	98.6	69.1	126.1
54	3	29.34	98.9	78	4.6	92.8	56.6	108.7
29	16	34.59	120.8	93	4.5	123.2	61.9	212.5
57	1	31.66	120.7	102	4.4	59.3	43.5	150.7
71	7	27.52	131.3	93	5.1	111.5	64.5	97.6
19	2	34.34	97.6	94	4.4	127.7	63.4	173.9
67	7	44.7	147.7	127	5.1	90.2	55.3	191.2
58	10	22.01	121.1	76	4.7	81.4	79.7	145
62	8	15	66.7	70	4	81.6	54.1	82.8
26	1	29.05	94.8	86	4.7	114.8	56.4	223
79	0	33.5	118.4	90	4.7	52.4	43.4	197.4
64	0	17.72	117.9	84	4.6	60.7	56.6	111.1
22	15	32	136.1	96	5.5	102.5	54.4	132.5
18	11	24.98	87.1	63	4	117.5	60.1	150.4
61	7	29.02	120.9	118	4.7	108.3	55.6	215.5
39	10	21.49	85.9	79	4	118	55.8	173.3
55	11	21.12	92.6	74	4.1	68.6	43.7	212.8
36	13	20.37	85	60	4	47.6	60.2	133.8
48	3	31.01	90.8	87	4.8	126.5	52.8	204.7
84	14	23.25	123.4	92	5.3	62	45.1	202.2
59	8	28.62	97	91	4.4	115.4	38.2	179.8
43	4	27.18	95.6	68	4.4	45.1	62.6	67.6
30	9	19.92	80.3	60	4.1	120.3	62.5	183.7
75	9	27.46	106	98	4.6	99.9	48.3	161.1
35	9	28.42	108.3	87	4.9	131.2	30.8	294.3
84	12	33.38	126.6	112	5	123.8	72.4	179.4
20	6	35.97	122.9	89	4.6	89.6	69.9	115.3
72	13	20.88	89.7	80	4	83.6	85.9	187.5
75	8	29.13	118.3	99	5.3	109.5	21.9	123.7
80	12	15	78.9	75	4	85	45.9	150.6
69	6	32.11	138.5	81	5.7	1.7	39	75.2
41	2	33.58	108	105	4.9	91.6	23.2	190.5
89	9	15	91.1	86	4.2	74.2	50.9	81.7
26	2	24.96	85.1	77	4	83.9	53.7	166.4
54	15	21.62	93.6	62	4.2	108.9	48.9	132.2
70	9	24.95	116	94	4.8	137.2	25.7	142.1
41	9	23.76	101.1	71	4.7	155.1	59.2	174.3
38	9	26.74	95.2	87	4.6	114.7	32.2	87.9
57	9	32.92	118.8	99	4.8	82.1	65.7	206.1
79	11	25.12	68.1	85	4	129.1	64.9	131.8
87	8	21.08	103.9	96	4.8	54.7	55.9	215.4
86	4	25.81	141.1	80	5.7	79.3	43.9	96

31	1	25.48	98.2	76	4.9	93.1	52.2	158.1
59	14	26.48	91.4	102	4.4	42.2	40.8	147.1
67	12	23.23	99.1	87	4.1	107.4	59.5	209.4
78	16	29.18	113.4	104	4.3	75.3	71.2	219.7
21	14	34.76	121.1	87	4.8	107.4	69.5	207.9
89	2	19.39	122.8	83	5.2	92	50.4	193.3
34	1	29.7	89.7	70	4.3	74.8	71.2	116.9
74	12	32.76	127.7	97	5.2	70	55.1	153
65	10	24.4	89.3	90	4.6	98.5	15.1	213.6
61	8	34.51	115.1	87	4.3	121.7	69.5	123
62	12	26.64	100.4	76	4.9	120.8	52.8	144.9
50	1	20.24	79.9	77	4	108.8	57	50
48	6	19.37	93.2	79	4	117.2	44.1	95.5
64	6	31.71	140.7	114	5.6	102.2	70.1	136.2
23	1	31.16	97.9	78	4.9	80.3	38.9	155.8
89	16	36.39	126.5	106	5.3	142.1	68.7	174.2
88	7	31.02	134.2	109	5.5	80.3	35.3	50
51	1	26.4	106.4	88	5	147.3	54	261.1
70	12	29.89	116.9	91	4.9	119.1	70.7	137.6
31	15	27.43	123.2	78	5.1	92.4	72.3	136
33	6	25	95.2	69	4.2	61.5	62.8	98
60	10	23.7	111	69	4.5	110.1	66.8	78.8
29	13	16.66	50	60	4	98.6	63.9	198
87	9	22.55	99.2	103	4.7	136.4	43.8	173.3
36	7	26.88	104.5	71	4.5	68.8	57.8	155.7
58	3	15	88.3	60	4.2	131.7	54.3	157.9
70	3	23.91	102.1	74	5	144.2	66.4	165
46	3	32.52	119.8	95	4.9	78.4	67.4	175.7
87	9	35.06	152.5	110	6	122.1	50.9	120.8
76	15	23.84	103.6	99	4.9	142.1	48.6	180.5
81	9	23.61	103.4	98	4.7	140.8	65.8	146.4
41	0	22.68	87	77	4	131.6	47.3	84.3
33	16	23.65	96.3	79	4.2	151.6	67.1	175.9
69	11	33.86	118.6	91	4.8	102	52.2	94
23	13	36.78	122.9	96	5.1	98.7	41.8	91.9
54	16	16.87	78.5	68	4	147.1	44.3	195.7
21	12	22.13	71.4	76	4.3	29.2	7.5	112.4
55	13	15.82	119.3	72	5	91.5	49.1	96.4
58	16	26.83	89.1	80	4.1	75.5	59.6	121.3
31	7	24.07	100.4	62	4.8	101.3	88.3	106.7
88	6	29.15	100.2	93	4.3	112.5	40.7	268.3
68	2	30.98	130.8	96	4.7	117.6	44.9	150
82	4	30.31	167	89	5.5	102.4	40	182.1
69	15	17.12	109.6	72	4.2	105.2	38.5	208.9
47	5	26.85	122.3	93	5.3	129.1	58.7	159.9
74	13	16.83	94.2	87	4.5	82.9	44.1	212.8
47	8	37.42	137.5	103	5.3	89.7	39.2	190.1
59	9	24.87	108	96	4.8	72.5	56.1	178.8
28	0	18.8	107	60	4.8	99.6	58.3	158.3
44	12	23.73	77.9	89	4.1	51.4	39.5	204.3

41	15	28.25	119.8	69	5.2	139	66.3	50
56	4	31.4	122.2	92	4.9	123.9	75	146.2
89	3	34.8	125.4	98	5.3	70.5	60.7	137.8
35	0	27.38	93.1	86	4.6	137.1	58.1	150.3
62	7	25	82	68	4	92	15.7	206.6
29	14	31.11	52.7	65	4	79	37.3	144.1
66	5	30.95	101.9	87	4.9	111.2	29.3	107.9
48	11	27.71	98.6	76	4.8	50.5	63.9	50
39	7	31.86	109.4	81	4.2	89.6	64.7	143.6
61	3	23.34	82.5	74	4	111.2	56.7	198.5
81	6	26.86	114.5	99	4.7	153.5	46.2	144.3
42	5	15	79.5	62	4	61.8	46	160.8
68	14	35.34	121	116	4.7	64.2	107.8	145.9
24	3	24.05	68.9	73	4	92.8	62	182.9
23	7	35.37	96.3	96	4.1	90.3	48.6	165.5
41	16	23.06	111.7	80	4.6	123.5	57.3	147.9
36	14	28.81	74.7	73	4.3	145.7	30.8	76.5
26	10	27.33	110	71	4.4	130.8	58.6	108.7
53	14	23.39	118.8	88	5	86.8	46.2	156.5
57	15	29.88	107.9	72	4.7	143.5	57.6	207.1
41	9	34.66	121.7	97	5.3	97.7	35.8	149
65	0	37.74	121.3	102	4.8	115.6	77.3	157.5
80	12	31.46	131.9	91	4.9	112.6	36.7	126.2
86	5	19.74	140.9	80	5.7	113.4	44.9	150.8
70	9	18.57	116.2	93	5.2	126.2	33.5	164.5
71	15	33.83	120.6	82	5	124.2	39.1	186.5
59	6	21.02	76.8	65	4	121.8	47.9	65.5
62	5	30.7	113	73	4.3	84.3	50.7	102.2
31	0	27.8	100.2	74	4.2	73.9	46.4	155
46	12	34.91	128.6	87	4.8	122.3	57.6	182.6
23	9	30.06	95	81	4	110	85.3	95
24	16	26.82	117.4	70	4.6	126.4	47.1	63.4
54	13	39.37	131.2	107	5	86.1	42.5	201.5
70	4	31.94	116.7	89	5.1	122.2	70.7	150.3
35	10	30.33	111	104	4.9	90.9	35.8	151
55	3	22.9	108.8	84	4.3	89	74.7	141.7
76	13	20.12	91.8	86	4.8	135.2	22.5	72.1
18	4	25.44	70.8	77	4.2	133	65	199.1
85	7	18.01	78.9	70	4	106.6	35.8	210.4
61	2	25.07	101.3	81	4.2	89.6	35.3	186.7
64	3	31.81	138.9	92	4.9	97.5	55.9	87
52	10	32.89	126.8	88	5.3	104.4	63.7	124.6
77	4	24.95	130.3	85	4.8	88.4	60.4	50
69	8	44.62	138.9	123	4.9	109.7	39.7	192.8
25	14	34.64	104.3	86	4.5	84.8	63	239.3
58	14	26.82	79.1	88	4.3	146.6	37.5	108.8
20	6	33.85	117.8	67	4.7	40.5	46.2	224.2
86	5	23.52	135.2	71	5.2	81	41.3	162.6
31	1	28.52	81.5	70	4	123.2	47.7	117.9
43	10	24.84	120.6	94	4.8	147.3	41.9	81

87	5	19.73	104.4	103	4.4	82.1	52.7	92
75	7	30.2	106.7	105	4.6	93.1	29.7	138.3
57	12	26.96	102.7	81	4.5	113.8	58.8	135.2
68	2	27.41	123.2	93	4.6	115	42.5	84.3
22	2	26.84	88.9	87	4	104.1	34.2	209.5
49	4	21.61	84	93	4	123.4	65.5	212
18	5	36.53	115.9	76	4.4	108.9	77.9	82.5
71	14	28.49	127.7	94	4.8	109.5	58.3	179
28	0	25.4	87.2	71	4	147	53.6	180.3
70	14	19.14	92.9	83	4.2	95	44.2	219.5
25	5	35.42	100.2	89	4.2	92.8	30	64.2
42	15	32.5	118.2	79	5.3	90.9	58.7	117.1
57	4	27.01	83.5	89	4.5	82.3	26.5	84.9
49	0	19.3	76.7	64	4	96.5	57	147.7
45	16	36.95	119	96	4.9	81.5	24	135.6
20	15	24.81	72.8	71	4.4	113.8	53	108.8
79	7	22.97	114.2	103	4.8	114.3	69.3	324.2
44	6	26.71	102.9	84	4.9	107.3	55.5	94.1
62	5	29.25	151.7	89	5.9	112	66.6	119.6
42	1	25.99	86.6	86	4.7	124.4	72.1	203.8
78	5	15	93.8	65	4.2	69.2	50.6	143.4
61	2	28.5	98.1	90	4	108.2	77.8	147.2
63	12	32.54	150.7	102	5.1	148.2	45.8	170.6
31	12	21.65	109.3	75	4.8	84	35.3	211.7
25	4	36.36	86.7	84	4.3	175.2	35.2	173
65	3	32.25	119.5	99	4.7	90.9	64.3	90.6
31	16	29.81	100.7	88	4.3	107.4	46.3	121.4
82	8	20.92	102.7	74	4.8	108.8	43.5	187.5
24	15	28.67	87.1	72	4.1	57.1	61.1	124.8
66	4	29.13	127.8	88	5.2	76	26.6	180.8
72	8	26.51	140.8	112	5.5	119.8	89.4	176
30	10	32.35	116.8	78	4.8	93	32.5	96.9
73	11	24.84	124.1	90	4.7	73.9	59.2	165.7
73	12	25.37	106.9	84	5	136.5	58.1	132
32	3	23	102.3	62	4.1	109.3	47.8	76.7
74	0	24.29	125.8	93	5.3	95.8	66.6	103.7
75	6	26.1	107.6	75	5	168.5	62.3	149.8
52	1	25.88	99.3	96	4.6	70	48.4	122.9
33	3	25.61	69.1	65	4	69	59.4	169.5

WaistCircu	HipCircumf	WHR	FamilyHist	DietType	Hypertensi	Medication	Outcome
90.5	107.9	0.84	0	0	0	1	0
113.3	81.4	1.39	0	0	0	0	0
84.7	107.2	0.79	0	0	0	1	0
108.9	110	0.99	0	0	0	1	1
84.1	92.8	0.91	0	1	0	0	0
81.8	93.2	0.88	1	0	0	0	1
66.5	102.7	0.65	0	1	0	0	0
123.2	121.4	1.01	1	0	0	0	1
79.3	105.4	0.75	0	1	0	1	0
70.8	93.1	0.76	1	0	0	0	1
102.5	115.9	0.88	0	0	0	0	0
82.4	111.9	0.74	0	0	0	0	0
97.7	89.4	1.09	0	1	0	0	0
122.6	109.6	1.12	0	2	0	1	0
99.7	111.8	0.89	0	1	0	1	1
111.1	134.2	0.83	0	1	0	0	0
97.3	111.8	0.87	0	1	0	0	0
80.6	99.9	0.81	0	2	0	1	0
86.6	102.6	0.84	0	1	0	0	0
74.1	90.3	0.82	0	1	0	1	0
89.2	102.3	0.87	0	0	0	1	0
97.9	98.7	0.99	0	0	0	0	0
77.8	91.1	0.85	0	0	0	1	0
102.5	132.9	0.77	0	0	0	0	0
111	107	1.04	0	0	0	1	0
87.2	84	1.04	0	0	0	1	0
90	98.1	0.92	0	0	0	1	0
86.8	92.7	0.94	1	0	0	1	1
99.5	88.3	1.13	0	0	0	1	0
80.6	107.5	0.75	0	0	0	1	0
71.9	96.1	0.75	0	0	0	1	0
61.4	91.6	0.67	1	2	0	0	1
68.6	95.7	0.72	0	0	0	1	0
63.5	110.6	0.57	0	0	0	0	0
101.5	117.2	0.87	0	1	0	0	0
79.5	116.4	0.68	1	0	0	0	1
89.3	87.9	1.02	0	0	0	0	0
99.8	104.7	0.95	1	1	0	0	1
99.1	122	0.81	1	0	0	1	1
101.5	100.8	1.01	0	1	0	0	0
81	87.7	0.92	0	1	0	0	0
121.1	116	1.04	0	1	0	1	0
91	104.7	0.87	0	1	0	0	0
96.3	114.1	0.84	1	0	0	1	1
99.5	101.1	0.98	0	0	0	1	1
99.3	116.7	0.85	1	1	0	1	1
73.3	90.3	0.81	0	2	0	0	0
95.5	100.8	0.95	1	0	0	1	1
112.2	122.8	0.91	0	0	0	0	0



60.3	81.4	0.74	0	0	0	0	0
97.5	111.5	0.87	1	0	0	1	1
79	103.9	0.76	0	0	0	0	0
92.8	124.1	0.75	0	1	0	0	0
98.5	115.7	0.85	0	0	0	0	0
101	117	0.86	0	1	0	1	1
99.3	68.1	1.46	0	0	0	0	0
90.4	92.9	0.97	0	2	0	1	0
97.5	102.8	0.95	1	0	0	1	1
98.3	114.4	0.86	0	0	0	0	0
113.1	120	0.94	0	0	0	1	0
88.5	91.7	0.97	0	0	0	0	0
100.3	88.7	1.13	0	0	0	1	0
98	100	0.98	0	0	0	0	0
117.7	117.2	1	0	1	0	1	0
104.5	108.3	0.96	0	0	0	0	0
104.9	120.6	0.87	1	0	0	1	1
102.8	110.9	0.93	1	0	0	1	1
113	109.6	1.03	0	0	0	0	0
88	78.2	1.13	0	1	0	1	0
108.2	110.6	0.98	1	0	0	0	1
103.3	128.3	0.81	0	0	0	0	0
94.2	110.3	0.85	1	0	0	1	1
87.1	100.5	0.87	1	0	0	0	1
64.6	84.4	0.77	0	1	0	0	0
89.7	121.2	0.74	0	0	0	0	0
83.3	99.9	0.83	1	1	0	1	1
76.8	80.8	0.95	1	0	0	1	1
49.7	93	0.53	0	1	0	1	0
81.4	106.5	0.76	1	0	0	0	1
91.1	110.2	0.83	0	1	0	0	0
102	108.6	0.94	0	2	0	0	0
103.5	107.7	0.96	1	1	0	1	1
76	110	0.69	1	1	0	0	1
100.6	102.3	0.98	0	0	0	0	0
81.1	106.8	0.76	0	2	0	0	0
97.3	99.4	0.98	0	0	0	0	0
83	111.9	0.74	1	0	0	0	1
101.5	106.6	0.95	0	0	0	0	0
104.1	128.2	0.81	0	0	0	0	0
97.3	112.3	0.87	1	0	0	0	1
88.3	101.1	0.87	1	1	0	0	1
109	91.8	1.19	0	0	0	1	1
94.7	96.1	0.99	0	2	0	0	0
60.9	66.2	0.92	1	0	0	0	1
75.9	84.5	0.9	0	0	0	0	0
71.2	114.6	0.62	0	1	0	1	0
104.4	107.1	0.97	1	0	0	0	1
66.9	93.1	0.72	0	1	0	1	0
81.9	100.9	0.81	0	2	0	0	0

89	102.7	0.87	0	0	0	1	0
85.5	99.7	0.86	0	1	0	0	0
93.2	114.7	0.81	0	2	0	1	0
103.1	106.8	0.97	0	0	0	1	0
96	103.4	0.93	0	1	0	0	0
106.1	105.7	1	0	0	0	0	0
80	104.4	0.77	0	1	0	0	0
95.4	117.6	0.81	1	0	0	0	1
66.6	96.6	0.69	0	0	0	0	0
115.3	99.7	1.16	0	0	0	0	0
85	109.8	0.77	0	0	0	0	0
102.5	113.8	0.9	0	1	0	0	0
120.1	137.9	0.87	0	0	0	1	1
105.7	111.8	0.95	0	0	0	1	0
88.3	104.5	0.84	0	0	0	1	0
82.3	114.5	0.72	1	0	0	0	1
105.6	101.3	1.04	0	0	0	0	0
105.7	111.3	0.95	1	1	0	0	1
89.1	127	0.7	1	0	0	0	1
101.9	121.4	0.84	1	1	0	0	1
116.2	132.5	0.88	0	1	0	0	0
117.7	103.5	1.14	1	0	0	0	1
80.6	68.6	1.17	0	1	0	0	0
87.7	104.4	0.84	0	1	0	1	0
109.7	124.6	0.88	0	0	0	1	0
116.5	119.3	0.98	1	1	0	0	1
100.6	97.4	1.03	1	0	0	1	1
74.3	93	0.8	0	0	0	0	0
57.4	96.7	0.59	1	1	0	1	1
129.1	118.2	1.09	0	1	0	1	1
74.5	83.5	0.89	1	0	0	1	1
85.5	99.2	0.86	1	0	0	0	1
92.9	88.8	1.05	0	2	0	0	0
106.7	96.1	1.11	0	0	0	0	0
110	100.3	1.1	0	0	0	1	0
68	92.3	0.74	0	0	0	0	0
78	99	0.79	1	0	0	1	1
88.6	103.9	0.85	0	2	0	1	0
93.7	79.7	1.18	1	0	0	0	1
80.7	97.6	0.83	0	0	0	0	0
93	114.2	0.81	0	0	0	1	0
97.9	100.6	0.97	0	0	0	0	0
98.5	120.5	0.82	0	2	0	1	0
93.2	119.3	0.78	1	0	0	1	1
112.9	97.2	1.16	0	0	0	0	0
88.6	73.8	1.2	0	0	0	0	0
76.5	105.1	0.73	0	1	0	1	0
93.4	97.9	0.95	0	0	0	0	0
92.3	113.1	0.82	0	1	0	1	0
115.4	127.3	0.91	0	0	0	1	1

82.3	92.9	0.89	0	0	0	0	0
107.5	101.6	1.06	1	0	0	1	1
98.8	106.7	0.93	0	0	0	0	0
65.4	76.8	0.85	0	0	0	1	0
96.6	105.2	0.92	0	2	0	1	0
73.9	120	0.62	0	0	0	1	1
63.1	84.2	0.75	0	0	0	1	0
61.5	87.3	0.7	0	1	0	0	0
64.3	98.3	0.65	0	0	0	0	0
95.9	102.4	0.94	0	2	0	0	0
90.9	92.2	0.99	0	0	0	0	0
80.8	103.6	0.78	0	2	0	1	0
79.7	83.2	0.96	0	0	0	1	0
66	73.7	0.9	0	2	0	0	0
99.6	82.1	1.21	0	0	0	0	0
69	84.4	0.82	1	1	0	1	1
96.2	114.4	0.84	0	0	0	0	0
111.8	112.1	1	0	0	0	0	0
60.6	73.7	0.82	1	2	0	0	1
85	101.8	0.83	0	2	0	1	0
98.9	91.1	1.09	0	1	0	1	0
106.7	106.9	1	0	2	0	0	0
106.7	125	0.85	0	1	0	1	0
82.1	111.6	0.74	0	0	0	0	0
93.2	106.3	0.88	0	1	0	1	0
132.4	132	1	0	0	0	1	0
90.7	98.3	0.92	0	2	0	1	0
121.4	121.8	1	0	0	0	0	0
107.2	115.4	0.93	0	1	0	0	0
66.7	108.7	0.61	0	1	0	0	0
92	110.3	0.83	0	1	0	1	0
104.5	99.2	1.05	0	0	0	1	0
93.1	104.7	0.89	1	1	0	0	1
84.2	90.9	0.93	0	1	0	0	0
111.3	105.9	1.05	0	1	0	1	0
93.2	104.6	0.89	1	0	0	1	1
99.8	110.3	0.9	1	0	0	0	1
73.2	115.8	0.63	1	0	0	0	1
100.2	119.2	0.84	0	0	0	1	0
81.5	74.4	1.1	0	2	0	0	0
100.2	115.6	0.87	0	1	0	0	0
93.6	84.2	1.11	1	1	0	1	1
91.7	114.3	0.8	1	1	0	0	1
57.7	107.7	0.54	0	0	0	0	0
112.8	110.3	1.02	0	0	0	1	0
77.4	90.3	0.86	0	1	0	1	0
69	72.7	0.95	0	0	0	0	0
85.1	99.7	0.85	0	0	0	0	0
101.5	99.7	1.02	1	0	0	0	1
92.4	99.5	0.93	0	0	0	0	0

86.8	99.9	0.87	1	0	0	0	1
90.6	104.9	0.86	1	1	0	1	1
103.2	111.6	0.92	0	1	0	1	0
79.6	80.5	0.99	0	0	0	0	0
133.1	114.7	1.16	1	0	0	0	1
103.4	104.1	0.99	0	0	0	0	0
85.4	101.4	0.84	0	0	0	0	0
82.1	83.9	0.98	0	0	0	0	0
105.6	117.9	0.9	1	1	0	1	1
77.4	82.8	0.93	0	0	0	0	0
87.9	82.9	1.06	0	1	0	0	0
117.4	126.3	0.93	1	1	0	1	1
80.1	99.8	0.8	1	2	0	0	1
90.3	107	0.84	1	0	0	1	1
101	71.4	1.41	0	0	0	0	0
100.2	103.8	0.97	1	0	0	0	1
90.8	118.8	0.76	0	2	0	0	0
108.9	105	1.04	0	0	0	0	0
73.7	97.3	0.76	0	2	0	1	0
87.3	104	0.84	0	0	0	0	0
89.4	105.8	0.84	0	0	0	0	0
100.5	100.6	1	0	1	0	0	0
100.5	133.2	0.75	0	0	0	1	0
87	110.9	0.78	0	2	0	0	0
94.6	99.6	0.95	0	0	0	0	0
71.1	75.3	0.94	1	1	0	1	1
100.1	108.9	0.92	0	0	0	0	0
97.9	107	0.91	0	0	0	0	0
93.7	100.5	0.93	1	1	0	0	1
103.1	124.9	0.83	0	1	0	0	1
90.4	107.7	0.84	0	1	0	1	0
83.2	97.7	0.85	0	0	0	1	0
95.5	116.2	0.82	0	1	0	0	0
84.7	112.4	0.75	0	0	0	1	0
95.8	96	1	1	0	0	0	1
76	97.2	0.78	0	0	0	0	0
83.9	91.2	0.92	1	0	0	1	1
112.7	94.7	1.19	1	0	0	0	1
111.5	130.3	0.86	0	0	0	0	0
62.8	83.9	0.75	1	0	0	0	1
71.8	110.5	0.65	0	1	0	1	0
87.2	80.2	1.09	0	1	0	0	0
79.2	99.7	0.79	0	0	0	0	0
108.3	126.1	0.86	0	0	0	0	0
123.3	123	1	0	2	0	1	1
82.2	78.7	1.04	0	0	0	0	0
66.1	101	0.65	1	1	0	0	1
99.7	138.2	0.72	0	2	0	1	1
91.7	116.6	0.79	0	1	0	1	0
84.7	105.5	0.8	1	0	0	0	1

97.3	92.5	1.05	0	0	0	0	0
88.5	111.5	0.79	0	0	0	0	0
89.2	96.5	0.92	0	0	0	1	0
81.5	104.1	0.78	1	0	0	1	1
83.3	83.5	1	0	0	0	0	0
96.1	104.3	0.92	0	1	0	0	0
113.3	103.9	1.09	0	0	0	0	0
75.9	89.7	0.85	1	1	0	0	1
89.1	97.3	0.92	0	0	0	0	0
84.5	84.1	1	1	0	0	0	1
74	114.9	0.64	0	2	0	1	0
110	111.8	0.98	1	0	0	1	1
122.8	121.4	1.01	0	1	0	1	1
91.6	94.5	0.97	1	0	0	1	1
104.7	96.1	1.09	0	0	0	0	0
100.9	110.3	0.91	0	0	0	0	0
74.8	87.8	0.85	1	0	0	0	1
87.8	89.2	0.98	0	0	0	1	0
87.5	81.7	1.07	0	0	0	1	0
86.9	106.9	0.81	0	1	0	0	0
68.1	79.5	0.86	0	1	0	1	0
103.1	102	1.01	0	0	0	0	0
94	111.6	0.84	1	1	0	1	1
103.1	109.5	0.94	0	1	0	0	0
97.3	81.4	1.2	0	0	0	0	0
94.8	90.1	1.05	0	1	0	0	0
92.2	102.1	0.9	1	0	0	1	1
79.2	103.2	0.77	1	0	0	1	1
109.6	128.3	0.85	0	0	0	1	1
92.4	116.8	0.79	1	0	0	1	1
107.9	122	0.88	0	1	0	0	0
82.7	109.1	0.76	1	0	0	0	1
63	92.7	0.68	0	0	0	1	0
92.6	69.6	1.33	0	0	0	0	0
101.5	97.9	1.04	0	0	0	0	0
90.6	108.1	0.84	0	1	0	1	0
103.1	89.9	1.15	0	2	0	1	0
88	89.5	0.98	0	0	0	1	0
98.7	127	0.78	1	1	0	1	1
103.7	89.5	1.16	0	0	0	0	0
88.8	105.5	0.84	1	1	0	0	1
75.8	95.8	0.79	1	2	0	1	1
86.9	114	0.76	0	1	0	0	0
105.2	114.4	0.92	0	2	0	1	0
94.7	113.4	0.84	1	0	0	0	1
82.8	113.6	0.73	1	0	0	0	1
72.1	77.1	0.94	0	0	0	0	0
79.3	104.9	0.76	0	1	0	0	0
119.8	112	1.07	0	0	0	0	0
92.6	96.1	0.96	1	0	0	0	1

83	116.1	0.71	0	0	0	1	0
85.2	115.1	0.74	0	1	0	0	0
79.3	87.5	0.91	1	1	0	0	1
100.2	118.7	0.84	0	1	0	0	0
72.3	92.3	0.78	0	0	0	1	0
117.3	100.5	1.17	0	0	0	0	0
116.5	126.3	0.92	1	0	0	0	1
104.4	117.4	0.89	1	0	0	0	1
75.3	70.5	1.07	1	1	0	1	1
96	100.9	0.95	0	1	0	0	0
97.9	93.8	1.04	0	0	0	1	0
114.4	113.5	1.01	0	1	0	0	1
77.6	83.2	0.93	0	0	0	1	0
89.1	98.6	0.9	0	0	0	0	0
46.9	95.1	0.49	0	1	0	1	0
92.9	90.8	1.02	0	0	0	0	0
76.8	85.8	0.9	0	1	0	0	0
106.6	115.5	0.92	0	1	0	0	0
90	100.7	0.89	0	1	0	0	0
108.2	104.7	1.03	0	0	0	1	0
119	102	1.17	0	0	0	0	0
96.1	88	1.09	0	0	0	1	0
82.4	99.3	0.83	0	2	0	1	0
102.8	103.4	0.99	1	0	0	0	1
101.3	107	0.95	0	1	0	1	0
71.2	108.4	0.66	0	0	0	1	0
89.7	105.9	0.85	0	1	0	1	0
97.8	97.8	1	0	1	0	0	0
98.7	102.1	0.97	1	0	0	1	1
94.7	119.7	0.79	0	0	0	1	0
81.3	114.6	0.71	0	0	0	1	0
76.8	95	0.81	0	1	0	1	0
110	130.9	0.84	0	1	0	0	0
92.6	105	0.88	0	0	0	1	0
101	119.6	0.84	0	0	0	0	0
105.8	108.3	0.98	1	0	0	1	1
121	124.1	0.98	0	1	0	1	0
73.3	96.6	0.76	0	0	0	0	0
102.6	102.5	1	1	1	0	1	1
83.9	95.9	0.87	0	0	0	1	0
85.5	106.5	0.8	1	1	0	0	1
87.2	96.6	0.9	1	0	0	1	1
120.6	130.5	0.92	0	0	0	0	0
104.1	104.2	1	1	0	0	1	1
99.7	112.6	0.89	1	2	0	1	1
77.2	104.7	0.74	0	1	0	0	0
121.2	123.9	0.98	0	0	0	1	0
135.8	119.9	1.13	0	0	0	0	0
104.9	116.8	0.9	0	2	0	0	0
95.6	97.6	0.98	1	1	0	0	1

99.9	115.1	0.87	0	1	0	0	0
89.1	116.3	0.77	0	2	0	0	0
83.4	84.2	0.99	0	0	0	1	0
75.7	107.3	0.71	1	1	0	0	1
92.8	70.6	1.31	1	0	0	1	1
99.3	113.1	0.88	0	0	0	1	0
71.6	81.7	0.88	0	0	0	1	0
83.3	98.9	0.84	0	0	0	0	0
68.2	107.3	0.64	1	0	0	0	1
102.7	123.6	0.83	0	1	0	0	0
90	98.5	0.91	0	0	0	0	0
103.9	109.7	0.95	0	0	0	1	0
95	100.7	0.94	0	1	0	0	0
88.2	95.2	0.93	0	0	0	0	0
107.4	100.3	1.07	0	2	0	1	0
110.3	107.9	1.02	1	0	0	0	1
81.3	100.6	0.81	1	0	0	0	1
90.5	105.1	0.86	0	0	0	1	0
91.7	113.4	0.81	1	0	0	1	1
84	105.3	0.8	1	0	0	1	1
92	108.2	0.85	0	1	0	1	0
84.9	90.4	0.94	0	0	0	0	0
97.3	105.2	0.92	0	2	0	1	1
92.7	92.5	1	0	1	0	0	0
108.9	94.6	1.15	0	1	0	0	0
110.3	97.8	1.13	0	0	0	1	0
87.3	103.1	0.85	0	0	0	1	0
99.9	114.4	0.87	1	2	0	0	1
115.4	115.1	1	1	0	0	1	1
115.3	122.7	0.94	1	0	0	1	1
118.8	135.7	0.88	1	0	0	1	1
98.9	100.7	0.98	0	2	0	1	0
117.5	127.3	0.92	0	1	0	0	0
108.3	98.3	1.1	1	0	0	1	1
92.7	115.4	0.8	1	0	0	0	1
122.5	130.2	0.94	0	1	0	0	0
61.3	69.3	0.88	0	0	0	0	0
112.6	95.4	1.18	0	0	0	0	0
110.6	138.3	0.8	0	0	0	1	0
118.6	97.7	1.21	0	2	0	0	0
125.2	113	1.11	0	0	0	1	1
101.4	109.9	0.92	1	1	0	0	1
92	99	0.93	0	0	0	0	0
99.4	86.9	1.14	0	0	0	1	0
106.1	113.2	0.94	1	1	0	0	1
110.4	126.3	0.87	0	0	0	1	0
110.6	101.3	1.09	0	0	0	0	0
101.6	123.4	0.82	0	1	0	0	0
115.7	115.4	1	1	1	0	0	1
82.7	100.8	0.82	0	1	0	0	0

81.9	89.9	0.91	0	0	0	0	0
94.8	105.7	0.9	0	0	0	0	0
118.9	106.8	1.11	0	1	0	0	0
86.8	82.2	1.06	1	1	0	1	1
97.3	107.5	0.91	0	0	0	0	0
94.3	98.9	0.95	0	0	0	0	0
108.3	120	0.9	0	0	0	0	0
90.7	105.3	0.86	0	1	0	1	0
76.3	90.6	0.84	0	0	0	1	0
113.4	112.9	1	0	0	0	0	0
97.6	92.1	1.06	0	1	0	0	0
92.1	108.1	0.85	0	1	0	1	0
100.7	109.5	0.92	0	0	0	1	0
89.8	104.8	0.86	0	1	0	0	0
93.2	103	0.9	1	0	0	0	1
85	86.5	0.98	0	2	0	0	0
92.9	98.1	0.95	1	2	0	1	1
59.5	98.6	0.6	0	2	0	0	0
109.7	92.8	1.18	1	1	0	0	1
113.3	114.6	0.99	0	0	0	0	0
79.3	91.3	0.87	0	1	0	1	0
105.8	110.2	0.96	0	0	0	0	0
89.5	107.7	0.83	0	0	0	0	0
92.8	101.2	0.92	0	0	0	0	0
99.1	120.7	0.82	1	1	0	0	1
66.6	78.9	0.84	1	1	0	0	1
116.3	124.5	0.93	0	0	0	0	0
105	102.2	1.03	0	2	0	1	0
84	105.7	0.79	0	0	0	1	0
114.2	98.9	1.15	0	1	0	0	0
127.8	128.9	0.99	0	1	0	0	0
99.6	128.4	0.78	0	0	0	0	0
114.3	108	1.06	1	2	0	0	1
79.2	86.7	0.91	0	0	0	0	0
93.5	120.1	0.78	0	1	0	0	0
81.9	91.4	0.9	1	0	0	1	1
110.1	104.2	1.06	0	0	0	1	0
69.3	74.6	0.93	1	0	0	0	1
84.2	101.8	0.83	1	2	0	0	1
108.5	117.1	0.93	0	0	0	0	0
116.6	127.9	0.91	0	1	0	1	1
89.2	122.1	0.73	1	1	0	0	1
80.2	99.4	0.81	1	0	0	0	1
117.7	106.6	1.1	0	0	0	1	1
117.1	116.2	1.01	1	0	0	0	1
88.4	98.6	0.9	1	2	0	0	1
84.7	108.6	0.78	0	0	0	0	0
94.2	94.9	0.99	0	0	0	0	0
100.1	111.5	0.9	1	1	0	1	1
96.1	96.4	1	1	0	0	0	1



106.5	105.4	1.01	1	0	0	1	1
78.4	90.9	0.86	1	0	0	0	1
77.9	93.2	0.84	0	0	0	1	0
66.6	78.6	0.85	0	1	0	0	0
92.7	93.9	0.99	1	1	0	1	1
78.1	103.5	0.75	0	1	0	0	0
102.7	91.4	1.12	0	0	0	0	0
115.1	134.7	0.85	0	0	0	1	1
95.1	116.9	0.81	0	1	0	0	0
115.1	108.3	1.06	1	0	0	1	1
90.8	96.5	0.94	0	0	0	0	0
90.5	94.9	0.95	0	2	0	1	0
70.4	95.1	0.74	0	0	0	0	0
102.7	101.2	1.01	0	0	0	0	0
140.3	123.6	1.14	0	0	1	1	1
68.4	80.3	0.85	1	0	0	1	1
99.7	104	0.96	1	1	0	0	1
83.3	109.1	0.76	0	0	0	0	0
96.6	116.8	0.83	0	1	0	1	0
73.1	71.8	1.02	0	0	0	0	0
116	111.3	1.04	0	0	0	1	0
70	103.3	0.68	0	1	0	0	0
106.1	115.4	0.92	0	0	0	1	0
93.7	101.2	0.93	0	1	0	0	0
64.9	92.4	0.7	0	0	0	0	0
112	124.3	0.9	0	0	0	0	0
70.6	93.2	0.76	0	0	0	0	0
74	63	1.17	0	0	0	0	0
87.2	94.4	0.92	0	0	0	0	0
101.6	91	1.12	1	0	0	1	1
133.6	112	1.19	1	0	0	0	1
82.8	103.2	0.8	0	0	0	0	0
97.6	99.8	0.98	0	0	0	1	0
84	117.5	0.71	0	0	0	0	0
89.3	129.4	0.69	0	0	0	0	0
103.9	112.8	0.92	0	0	0	0	0
101.2	105.9	0.96	0	2	0	0	0
95.6	108.9	0.88	0	0	0	1	0
88.5	94	0.94	0	2	0	0	0
96.5	114.3	0.84	1	0	0	1	1
82.1	109.2	0.75	0	1	0	0	0
85.1	102	0.83	0	1	0	0	0
71.1	107.6	0.66	0	0	0	0	0
99.7	120.2	0.83	0	0	0	0	0
90.4	100.1	0.9	1	0	0	0	1
113.3	112.1	1.01	0	0	0	1	0
99.1	100.4	0.99	0	0	0	0	0
81.5	104.5	0.78	0	1	0	1	0
101.1	101.7	0.99	0	1	0	1	0
109	106.1	1.03	1	2	0	0	1

61.6	107.3	0.57	0	0	0	0	0
74.3	96.8	0.77	0	1	0	1	0
91.2	93	0.98	0	0	0	0	0
90.8	120.3	0.75	0	1	0	0	0
114.7	103.8	1.11	0	1	0	1	0
92.3	108.2	0.85	0	2	0	1	0
78.4	85.5	0.92	1	0	0	0	1
67.4	89.6	0.75	0	0	0	0	0
85.1	77.1	1.1	0	0	0	0	0
72.9	102.9	0.71	0	1	0	1	0
89.7	111.5	0.8	1	2	0	1	1
80.4	107.2	0.75	0	0	0	0	0
97.4	136.8	0.71	0	1	0	1	0
69.1	76.4	0.9	1	0	0	0	1
111.2	96.3	1.15	0	0	0	1	1
96.6	118.5	0.82	0	1	0	1	0
100	102.3	0.98	0	0	0	0	0
119.6	124.5	0.96	1	1	0	0	1
109	118.4	0.92	0	1	0	0	0
82.2	104.2	0.79	1	2	0	1	1
68.4	95.4	0.72	0	1	0	1	0
64.9	83.7	0.78	1	1	0	0	1
80.9	107.1	0.76	0	1	0	1	0
77.3	104.3	0.74	0	0	0	0	0
104	118.9	0.87	0	1	0	0	0
84.7	99.4	0.85	1	0	0	0	1
64.6	76.8	0.84	0	0	0	1	0
78.5	88.5	0.89	0	1	0	1	0
112.3	118.7	0.95	1	1	0	1	1
87.9	109.2	0.8	1	0	0	0	1
84.6	113.4	0.75	0	0	0	1	0
89.8	90.8	0.99	1	0	0	1	1
119.1	115.4	1.03	0	0	0	1	0
88.4	93.4	0.95	0	0	0	0	0
100.4	100.7	1	1	0	0	0	1
105	118.8	0.88	0	0	0	0	0
62	92.6	0.67	0	0	0	0	0
91.2	96.7	0.94	1	0	0	1	1
115.4	119.7	0.96	0	0	0	0	0
79.2	124.2	0.64	0	0	0	1	0
102.6	112.8	0.91	1	0	0	1	1
77.8	77.2	1.01	0	2	0	0	0
75.5	103.7	0.73	0	1	0	0	0
77.9	102.9	0.76	0	1	0	0	0
89.8	100.7	0.89	0	0	0	0	0
109.9	107.4	1.02	0	2	0	1	0
90.6	110.2	0.82	0	1	0	0	0
123	126.4	0.97	0	0	0	0	0
122.5	131.5	0.93	0	0	0	1	0
59.8	88.6	0.67	1	0	0	0	1

80.7	99	0.82	0	0	0	0	0
115.4	110.7	1.04	0	0	0	1	1
77.1	83.5	0.92	0	2	0	0	0
121.7	110.6	1.1	0	1	0	0	0
103.9	106.1	0.98	0	0	0	0	0
100.9	96.7	1.04	0	1	0	0	0
87.5	100.4	0.87	0	0	0	0	0
97.9	101.1	0.97	0	1	0	1	0
112.9	106.7	1.06	0	1	0	1	1
104	109.4	0.95	0	2	0	1	0
89.2	112.7	0.79	0	0	0	0	0
105.2	120.7	0.87	0	0	0	0	0
113.4	108	1.05	0	0	0	1	1
107.6	115.1	0.93	0	1	0	0	0
85.3	84.4	1.01	0	0	0	1	0
124.3	134.6	0.92	0	0	0	0	0
105.1	97.3	1.08	0	1	0	0	0
91.2	82.6	1.1	1	1	0	0	1
74.6	88.5	0.84	0	1	0	0	0
84.6	81	1.04	0	0	0	1	0
116.7	139.5	0.84	0	0	0	0	0
108.7	106.3	1.02	1	1	0	0	1
96.1	88.3	1.09	0	1	0	1	0
76.6	88.9	0.86	0	0	0	1	0
82.7	70.8	1.17	0	1	0	0	0
81.1	73.1	1.11	1	0	0	1	1
80.5	77.9	1.03	0	1	0	0	0
120.1	110.5	1.09	0	0	0	1	0
115.5	114.7	1.01	0	2	0	0	0
84.4	86.1	0.98	0	0	0	0	0
75.2	93.7	0.8	1	1	0	0	1
93.5	100.1	0.93	1	0	0	1	1
114.6	101.7	1.13	0	1	0	0	0
115.7	117.9	0.98	0	2	0	1	1
106.6	112.2	0.95	0	0	0	0	0
106.3	109.3	0.97	0	0	0	0	0
100.6	102.3	0.98	0	0	0	1	0
122.4	119.5	1.02	0	2	0	1	0
110.9	119.9	0.92	0	1	0	0	0
114.5	116.6	0.98	1	2	0	1	1
100.5	127.4	0.79	0	1	0	0	0
119.1	97.8	1.22	0	1	0	0	0
105	98.7	1.06	0	0	0	0	0
85.7	105.9	0.81	0	1	0	1	0
67.4	87	0.77	0	1	0	0	0
81.1	94.3	0.86	0	0	0	1	0
84.5	117.5	0.72	0	0	0	0	0
97.8	119.1	0.82	0	2	0	0	0
87	90.8	0.96	0	0	0	1	0
86.4	84.3	1.02	0	1	0	0	0

66.3	76.3	0.87	0	1	0	1	0
111	105.9	1.05	0	0	0	0	0
123.7	111.2	1.11	0	2	0	0	0
101.9	101.9	1	0	0	0	0	0
97.8	99.3	0.98	0	1	0	1	0
86.3	91	0.95	0	0	0	1	0
92	96.4	0.95	1	0	0	0	1
123.5	114.3	1.08	0	0	0	1	0
101.4	124.2	0.82	1	1	0	1	1
89.1	87.7	1.02	0	1	0	0	0
108.9	108	1.01	0	1	0	0	1
109.4	96.3	1.14	1	0	0	1	1
99.6	111.8	0.89	0	0	0	0	0
109.4	100.9	1.08	0	1	0	0	0
106.3	110.8	0.96	0	0	0	0	0
98.3	113.7	0.86	0	0	0	1	0
116.8	96.3	1.21	1	0	0	0	1
80.5	111.5	0.72	0	1	0	1	0
86.4	115.2	0.75	0	0	0	0	0
129.3	118.7	1.09	1	0	0	1	1
86.8	91.8	0.95	1	0	0	1	1
97.6	103.3	0.94	1	1	0	0	1
92.6	100.2	0.92	0	0	0	1	0
117	106.1	1.1	0	0	0	0	0
97.7	101.6	0.96	0	1	0	1	0
84	119.7	0.7	0	0	0	0	0
98.5	108.1	0.91	0	2	0	0	0
103.5	102.2	1.01	0	0	0	1	1
105.7	100.7	1.05	1	0	0	1	1
95.5	112	0.85	0	0	0	0	0
104.9	116.6	0.9	1	2	0	1	1
102.9	105.5	0.98	1	1	0	0	1
72.8	87.7	0.83	1	1	0	1	1
111.2	111.8	0.99	1	1	0	0	1
117.9	125.4	0.94	1	0	0	1	1
104.5	84.4	1.24	1	2	0	1	1
107.6	88.4	1.22	0	0	0	1	0
73.1	108.7	0.67	1	0	0	0	1
107	111.2	0.96	1	1	0	0	1
68.5	110.8	0.62	1	0	0	1	1
112.3	109.5	1.03	0	1	0	0	0
93.9	89.3	1.05	0	0	0	0	0
124	117.1	1.06	0	0	0	0	0
106.4	128.2	0.83	0	0	0	0	0
85.6	102.7	0.83	1	1	0	1	1
103.7	85.8	1.21	0	0	0	0	0
106.3	93.1	1.14	1	0	0	0	1
83.6	96.3	0.87	0	1	0	1	0
78.4	79.9	0.98	1	2	0	0	1
71.1	88.9	0.8	1	0	0	0	1

118.3	123.2	0.96	0	0	0	1	0
111.3	102.6	1.08	0	0	0	1	0
113.6	120.8	0.94	0	1	0	0	0
93.7	107.2	0.87	1	0	0	0	1
95.3	115	0.83	1	0	0	1	1
86.4	106.1	0.81	0	1	0	0	0
102.7	106.2	0.97	0	0	0	0	0
64.8	96.3	0.67	0	0	0	0	0
70.1	122.7	0.57	0	1	0	0	0
102.1	121.6	0.84	1	0	0	1	1
85.2	80.1	1.06	0	0	0	0	0
83.6	87.5	0.96	1	1	0	1	1
116.4	104.1	1.12	0	0	0	1	0
101	118.6	0.85	1	0	0	0	1
84.5	106.3	0.79	0	1	0	0	0
87.1	100	0.87	0	2	0	1	0
81.8	100.3	0.82	0	0	0	1	0
102	97.6	1.05	1	0	0	1	1
95.1	111	0.86	0	0	0	0	0
74.8	96.8	0.77	0	1	0	0	0
98.8	78.7	1.26	0	2	0	0	0
121.7	103.4	1.18	1	2	0	0	1
97.7	100.8	0.97	1	0	0	1	1
109.8	123.7	0.89	1	1	0	0	1
117.5	97.2	1.21	1	1	0	0	1
81.1	109.1	0.74	0	1	0	1	0
98.8	95	1.04	1	1	0	0	1
98.3	90.7	1.08	1	0	0	0	1
101.3	83.9	1.21	0	0	0	0	0
91	102	0.89	1	0	0	1	1
77	87.3	0.88	0	0	0	0	0
126.1	124.5	1.01	0	0	0	1	1
106.5	104.9	1.02	0	1	0	1	0
114.1	114	1	0	0	0	0	0
79	96.3	0.82	0	1	0	0	0
78.4	97.4	0.8	0	0	0	1	0
82.6	103.7	0.8	1	0	0	1	1
81.6	90.5	0.9	0	0	0	1	0
102.2	94.2	1.08	0	2	0	1	0
94.4	122.6	0.77	0	2	0	1	0
102.2	95.1	1.07	0	1	0	0	0
86.8	109	0.8	1	0	0	0	1
97.9	95.9	1.02	0	0	0	0	0
116	98.5	1.18	0	2	0	0	0
105.7	109	0.97	0	1	0	1	0
76.5	95.8	0.8	1	1	0	1	1
114.2	115.6	0.99	0	2	0	1	0
77	125.4	0.61	1	1	0	0	1
82.2	94.1	0.87	1	0	0	0	1
95.6	109.6	0.87	1	0	0	0	1

124.2	120.6	1.03	0	0	0	0	1
113.7	100.3	1.13	0	0	0	0	0
94.9	84.9	1.12	0	2	0	1	0
93.1	100.1	0.93	0	0	0	1	0
86	86.4	1	0	0	0	0	0
124	121	1.02	1	0	0	0	1
88.3	100	0.88	1	0	0	0	1
130.9	119.9	1.09	1	0	0	0	1
99.7	98.5	1.01	1	1	0	0	1
95	106.7	0.89	1	0	0	0	1
98.7	112.7	0.88	0	0	0	1	0
78.5	86.1	0.91	0	2	0	0	0
105.2	108.2	0.97	1	1	0	0	1
69.7	103.6	0.67	1	0	0	1	1
102.7	115.6	0.89	0	0	0	0	0
112	123.1	0.91	0	0	0	1	1
90	95.7	0.94	1	0	0	0	1
127.6	115.3	1.11	1	0	0	0	1
82.4	76.8	1.07	1	1	0	0	1
112.2	105.1	1.07	1	0	0	0	1
105.6	90.3	1.17	0	0	0	1	0
74.2	95.6	0.78	0	0	0	0	0
98.9	106.8	0.93	1	2	0	1	1
100.9	107.5	0.94	1	1	0	0	1
99.1	110.2	0.9	1	0	0	0	1
82.1	104.5	0.79	1	0	0	0	1
83.5	106.9	0.78	1	1	0	0	1
87.4	81.1	1.08	0	0	0	0	0
72.8	88.3	0.82	1	0	0	0	1
91.9	106.5	0.86	0	0	0	0	0
116.4	127.1	0.92	1	1	0	1	1
97.9	95.2	1.03	0	0	0	0	0
105.3	124.5	0.85	0	1	0	1	1
83.7	80.8	1.04	0	0	0	1	0
128.1	112.2	1.14	0	0	0	1	0
103.3	115.3	0.9	1	0	0	1	1
73.2	99.8	0.73	1	2	0	1	1
116.1	136.3	0.85	0	0	0	0	0
89	105.2	0.85	0	0	0	1	0
99.4	122.6	0.81	1	0	0	0	1
99.3	101.1	0.98	1	0	0	0	1
103.7	108.6	0.95	0	1	0	1	0
114.5	117	0.98	0	0	0	1	0
104.6	121.2	0.86	1	0	0	0	1
83.4	96	0.87	0	1	0	1	0
105.2	108.3	0.97	0	0	0	1	0
103.9	110.3	0.94	0	2	0	0	0
89.4	114.2	0.78	1	0	0	1	1
98.9	105.4	0.94	1	0	0	0	1
113.4	94.5	1.2	1	0	0	0	1

132.2	126.7	1.04	0	1	0	0	0
75.8	119.2	0.64	0	0	0	0	0
120.2	100.9	1.19	1	1	0	0	1
87	117	0.74	0	1	0	0	0
77.8	91.1	0.85	0	2	0	0	0
105.8	124.8	0.85	1	0	0	1	1
106.7	102.9	1.04	1	0	0	0	1
108.4	107.4	1.01	0	1	0	0	0
96.3	108.1	0.89	1	0	0	1	1
101.7	116.7	0.87	0	1	0	1	0
95.7	89	1.08	0	0	0	1	0
110.7	115.9	0.96	1	0	0	1	1
94.3	108.7	0.87	1	0	0	0	1
97.4	95.8	1.02	0	0	0	0	0
86.6	103	0.84	1	1	0	1	1
94.9	97.9	0.97	1	2	0	1	1
72.4	75.8	0.96	1	1	0	1	1
96.9	117.8	0.82	0	0	0	0	0
62.8	104.9	0.6	0	0	0	1	0
105.4	100.2	1.05	0	0	0	0	0
56	95.8	0.58	0	0	0	1	0
90.5	84.2	1.07	0	1	0	0	0
93.7	93.4	1	1	0	0	0	1
91.3	82.8	1.1	0	0	0	0	0
121.4	127.3	0.95	0	0	0	1	0
81.5	107.2	0.76	0	1	0	0	0
75.1	95.2	0.79	0	1	0	0	0
81.1	112	0.72	0	0	0	1	0
64	73.7	0.87	0	0	0	0	0
75.7	85.3	0.89	0	1	0	0	0
97.4	123.3	0.79	0	0	0	0	0
81	77	1.05	0	0	0	0	0
88	86	1.02	1	1	0	0	1
77.3	88.8	0.87	1	0	0	0	1
92.2	116	0.79	1	0	0	1	1
80.2	108.1	0.74	0	0	0	0	0
94.4	107.8	0.88	0	1	0	0	0
102.1	116.4	0.88	1	0	0	0	1
97.2	109.8	0.89	1	1	0	0	1
93.6	99	0.95	0	0	0	1	0
73.3	98.3	0.75	0	0	0	0	0
102.1	101.5	1.01	0	0	0	0	0
79.2	117.2	0.68	0	2	0	0	0
79.1	91	0.87	0	1	0	0	0
71.1	74.6	0.95	0	0	0	1	0
111.6	108.7	1.03	1	0	0	1	1
101.3	91	1.11	1	1	0	0	1
110.6	135.9	0.81	0	0	0	0	0
102.4	118.9	0.86	1	1	0	0	1
108.2	117.7	0.92	1	0	0	0	1

95.8	94.5	1.01	1	1	0	0	1
79.8	80.1	1	1	0	0	0	1
94.3	115.1	0.82	0	1	0	1	0
96	105.7	0.91	1	0	0	1	1
91.4	126.8	0.72	1	0	0	1	1
76.2	107.1	0.71	1	0	0	1	1
111.3	111	1	0	0	0	1	0
97.7	118.9	0.82	1	0	0	0	1
82	93.5	0.88	0	1	0	0	0
83.9	92.5	0.91	0	0	0	0	0
88.7	81.3	1.09	0	0	0	0	0
100.9	115.3	0.88	1	0	0	0	1
83.8	85	0.99	0	0	0	1	0
85.3	106.4	0.8	0	0	0	0	0
98.8	112.6	0.88	0	0	0	1	0
77.1	87.9	0.88	0	0	0	1	0
91.7	92.5	0.99	1	1	0	1	1
93.3	100	0.93	1	0	0	0	1
70.5	72.1	0.98	0	0	0	0	0
77.2	100.1	0.77	0	0	0	1	0
112.2	110.1	1.02	0	0	0	0	0
93.4	92.1	1.01	1	0	0	0	1
78.7	106.5	0.74	0	0	0	0	0
96.4	89.3	1.08	0	0	0	0	0
102.2	120.4	0.85	0	1	0	0	0
102.4	119.3	0.86	1	0	0	1	1
83.4	114.1	0.73	0	0	0	0	0
72.1	88.3	0.82	0	1	0	0	0
86.1	87.4	0.99	0	1	0	0	0
109.5	116.6	0.94	0	2	0	0	0
115.8	108.7	1.07	0	1	0	1	0
103.6	109.3	0.95	1	1	0	0	1
76.4	105.1	0.73	0	0	0	0	0
98.1	113.5	0.86	0	1	0	0	0
76.6	113.2	0.68	0	0	0	1	0
91.8	106.8	0.86	1	0	0	0	1
117.4	108.1	1.09	0	0	0	0	0
84.8	69.8	1.21	0	1	0	1	0
86.9	82.3	1.06	0	0	0	0	0
104.4	116.9	0.89	0	0	0	0	0
92.7	98.5	0.94	1	0	0	0	1
90.1	85.5	1.05	0	0	0	1	0
111.1	111.1	1	0	1	0	1	1
113.8	103.5	1.1	0	1	0	1	0
83	75.2	1.1	0	0	0	0	0
77.9	117.1	0.67	1	0	0	1	1
67.9	86.6	0.78	1	0	0	1	1
94.7	108.6	0.87	0	1	0	0	0
91.9	91.4	1.01	1	0	0	1	1
102.2	105.5	0.97	0	0	0	0	0



83.7	100.9	0.83	1	1	0	1	1
86.5	95.5	0.91	0	1	0	1	0
59.6	62.5	0.95	0	1	0	0	0
96.5	104.5	0.92	1	0	0	1	1
89.2	101.4	0.88	0	1	0	0	0
94	110.6	0.85	0	1	0	0	0
91.2	89.8	1.02	0	0	0	0	0
96.9	101.7	0.95	0	1	0	0	0
105.7	111	0.95	1	1	0	0	1
107.1	112	0.96	0	0	0	0	0
85.2	120	0.71	0	0	0	0	0
70.9	80.7	0.88	0	2	0	1	0
99.4	107.7	0.92	0	2	0	0	0
55.1	75.3	0.73	0	1	0	1	0
95.6	119.6	0.8	0	1	0	0	0
92.2	108.1	0.85	1	0	0	1	1
72.9	102.8	0.71	0	0	0	1	0
75.8	101.4	0.75	1	2	0	0	1
95.9	86.9	1.1	0	1	0	0	0
105.6	114	0.93	0	0	0	0	0
105.5	128.5	0.82	1	0	0	0	1
79.3	115.8	0.68	0	0	0	0	0
74.8	77.4	0.97	1	0	0	1	1
92	99.2	0.93	1	0	0	1	1
117.9	131.1	0.9	1	0	0	1	1
69.5	89.4	0.78	0	2	0	0	0
79.7	102.5	0.78	0	0	0	0	0
109.4	110.1	0.99	0	0	0	0	0
109.7	92.4	1.19	1	0	0	0	1
89.9	102.8	0.87	0	0	0	0	0
83.4	119.5	0.7	0	0	0	1	0
93.1	107.8	0.86	0	1	0	1	0
103.7	102.8	1.01	1	0	0	1	1
94	79.5	1.18	0	1	0	0	0
98.5	102.3	0.96	1	0	0	0	1
100.5	101.6	0.99	0	1	0	0	0
129.9	110.8	1.17	1	2	0	0	1
113.2	116.1	0.98	0	0	0	0	0
90.6	84.2	1.08	0	2	0	0	0
86.6	76.2	1.14	0	1	0	0	0
84.9	126.6	0.67	1	1	0	1	1
78.7	99.6	0.79	1	0	0	0	1
80.5	96.1	0.84	1	0	0	0	1
76.8	79.7	0.96	0	2	0	0	0
89.9	91.6	0.98	0	2	0	0	0
88.8	102.7	0.86	0	1	0	1	0
80.4	84.7	0.95	1	0	0	0	1
105	117.2	0.9	1	0	0	1	1
106.2	111.8	0.95	1	0	0	1	1
117.8	127.4	0.92	1	0	0	0	1

109	87.8	1.24	0	0	0	0	0
125.5	115.8	1.08	0	1	0	1	0
112.2	104.2	1.08	0	0	0	1	0
87.6	109	0.8	0	2	0	0	0
110.4	90.8	1.22	0	1	0	1	0
74.8	76.3	0.98	1	0	0	0	1
89.9	94.2	0.95	0	1	0	0	0
105	91.3	1.15	0	2	0	1	0
83.8	103.9	0.81	0	0	0	0	0
94.6	122.9	0.77	1	0	0	0	1
97.9	114.5	0.86	0	0	0	1	0
89.4	110.1	0.81	1	1	0	0	1
109.7	104.9	1.05	1	2	0	0	1
92.3	98.3	0.94	0	0	0	0	0
83.7	97.7	0.86	0	1	0	0	0
102.6	109.5	0.94	0	0	0	0	0
81.1	102.2	0.79	0	1	0	0	0
88.3	100.7	0.88	1	1	0	1	1
92.6	101.1	0.92	1	0	0	0	1
97.8	110	0.89	0	1	0	0	0
102.9	93.6	1.1	1	0	0	1	1
91.2	86.8	1.05	0	0	0	1	0
100.4	105.8	0.95	1	1	0	0	1
73.1	88.9	0.82	1	0	0	1	1
77.1	103.5	0.74	0	0	0	1	0
98.6	105.6	0.93	0	1	0	1	0
92.4	107.6	0.86	0	0	0	0	0
106.7	87.3	1.22	0	0	0	0	0
83.4	94.5	0.88	0	1	0	0	0
67.1	96.2	0.7	0	0	0	1	0
82.3	88.1	0.93	1	1	0	1	1
86.1	106.9	0.81	1	0	0	0	1
94.6	97.6	0.97	0	0	0	1	0
75.4	74.1	1.02	0	0	0	1	0
87.1	109.8	0.79	0	0	0	0	0
82.7	116.2	0.71	1	0	0	0	1
102.7	89.1	1.15	1	0	0	0	1
74.5	111.3	0.67	1	1	0	1	1
110	107.7	1.02	0	1	0	0	0
98.9	107.7	0.92	0	0	0	0	0
92.9	79.4	1.17	0	0	0	0	0
107.4	103.8	1.03	0	0	0	0	0
98.1	105.2	0.93	0	0	0	0	0
83.4	100	0.83	1	0	0	0	1
90.5	98.8	0.92	0	1	0	0	0
98.5	103.3	0.95	0	1	0	1	1
97.8	101.2	0.97	0	0	0	1	0
108.9	105.9	1.03	1	1	0	1	1
102.8	101.4	1.01	1	1	0	0	1
120.3	114.6	1.05	0	1	0	0	0

101.1	100.5	1.01	0	1	0	1	0
90.9	96.3	0.94	0	0	0	1	0
91.1	118.2	0.77	0	2	0	1	1
75.6	110.7	0.68	0	1	0	0	0
81.4	101	0.81	0	0	0	1	0
93.9	83.1	1.13	0	0	0	0	0
81.9	87.2	0.94	1	0	0	1	1
98.5	99.2	0.99	0	1	0	0	0
102.4	116.9	0.88	0	1	0	0	0
95.1	105.1	0.9	0	0	0	0	0
81.9	94.7	0.86	0	1	0	1	0
90.9	94.3	0.96	0	0	0	1	0
84.3	104.1	0.81	0	0	0	1	0
54.9	94	0.58	0	1	0	0	0
95.4	98.2	0.97	0	0	0	1	1
72.1	98.3	0.73	0	0	0	1	0
127	115.6	1.1	0	0	0	1	0
107.2	91.4	1.17	0	2	0	1	0
86.9	100.9	0.86	0	1	0	0	0
94.7	99.2	0.95	0	0	0	0	0
96.4	91.4	1.05	0	0	0	1	0
71.5	84.1	0.85	1	1	0	1	1
93.4	98.2	0.95	0	0	0	1	0
100.1	98	1.02	0	1	0	0	0
95.6	109.5	0.87	0	0	0	0	0
121.8	117.7	1.03	1	0	0	0	1
108.5	119.1	0.91	1	0	0	1	1
130.1	119.2	1.09	0	0	0	1	1
110.5	104.4	1.06	1	0	0	0	1
85.6	102.5	0.84	0	0	0	0	0
86.7	73.9	1.17	0	2	0	0	0
82.2	89	0.92	1	2	0	0	1
71.8	102.2	0.7	0	0	0	0	0
97.7	107	0.91	0	1	0	0	0
91.1	84.4	1.08	1	0	0	1	1
98	110.2	0.89	1	2	0	1	1
100.4	98	1.02	0	0	0	0	0
91.5	119.6	0.77	0	0	0	1	0
88.7	103.3	0.86	0	0	0	1	0
94.1	93.5	1.01	0	0	0	0	0
123.4	103.5	1.19	0	0	0	0	0
76.9	113.6	0.68	1	2	0	0	1
100.2	92	1.09	1	0	0	0	1
113	119.2	0.95	0	2	0	1	0
76.1	87	0.87	1	0	0	0	1
84.8	95.8	0.89	1	0	0	0	1
106.2	112.8	0.94	0	0	0	0	0
96.5	100	0.96	0	0	0	0	0
98	119.2	0.82	1	1	0	1	1
93.9	84.7	1.11	0	0	0	0	0

64.3	85.1	0.76	0	1	0	1	0
86.8	102.1	0.85	0	0	0	0	0
79.2	103.3	0.77	0	2	0	0	0
87.9	108	0.81	0	1	0	1	0
74.4	95.1	0.78	1	1	0	1	1
86	89.6	0.96	1	1	0	1	1
61.8	88.4	0.7	1	1	0	1	1
95.3	100.8	0.95	0	1	0	1	1
101.6	127.1	0.8	0	1	0	1	0
64.2	85.3	0.75	0	0	0	1	0
112.3	93.9	1.2	0	1	0	1	0
78.6	89.6	0.88	0	1	0	0	0
55.5	95.6	0.58	1	1	0	0	1
79.1	73.1	1.08	1	0	0	0	1
75.8	83.3	0.91	0	1	0	0	0
82.4	97.8	0.84	0	0	0	1	0
98.2	119.2	0.82	0	1	0	0	0
81.3	89.5	0.91	0	1	0	1	0
100.5	105.5	0.95	0	0	0	0	0
90.9	110.7	0.82	0	0	0	1	1
116.6	108.3	1.08	1	2	0	0	1
103	114.9	0.9	0	0	0	1	0
104.8	116.7	0.9	0	0	0	1	0
92.9	124.2	0.75	0	0	0	0	0
90.7	124	0.73	1	0	0	0	1
78.3	103.3	0.76	0	0	0	0	0
107.9	122.4	0.88	0	0	0	0	0
66.4	78.9	0.84	0	0	0	0	0
86.3	103	0.84	0	0	0	0	0
90.6	109.5	0.83	0	2	0	0	0
98.1	90.6	1.08	1	0	0	0	1
98.5	110.8	0.89	0	0	0	1	0
103.5	114	0.91	1	0	0	0	1
111.5	110.2	1.01	0	1	0	0	0
80.4	93.9	0.86	0	1	0	1	0
61.8	75.7	0.82	0	0	0	1	0
84.6	84.4	1	1	1	0	0	1
77.6	96.7	0.8	0	0	0	0	0
84.6	84.5	1	0	1	0	0	0
98.7	128.2	0.77	0	1	0	1	1
88.9	99.8	0.89	0	2	0	0	0
115	129.6	0.89	0	1	0	0	0
68.8	103.2	0.67	1	0	0	0	1
103.6	104.4	0.99	0	1	0	0	0
98.2	97.6	1.01	1	1	0	0	1
103.5	117	0.88	0	0	0	0	0
78.1	98.1	0.8	0	1	0	1	0
90.5	122.1	0.74	0	0	0	1	0
123.6	122.9	1.01	0	0	0	0	0
121.5	101.9	1.19	1	0	0	0	1

109.5	116.4	0.94	0	0	0	1	0
100.7	126.2	0.8	0	1	0	0	0
104.6	107.4	0.97	1	1	0	0	1
69	97.7	0.71	0	0	0	0	0
114.2	120.1	0.95	0	0	0	1	1
111.2	102.3	1.09	0	1	0	0	0
112.2	102.3	1.1	0	0	0	0	0
97.2	89.8	1.08	0	0	0	0	0
104	125.8	0.83	0	1	0	0	0
80.8	98.6	0.82	0	0	0	1	0
79.2	113.2	0.7	1	2	0	0	1
92.3	96.6	0.96	0	1	0	0	0
94.1	87.3	1.08	0	0	0	1	0
71.6	102	0.7	0	0	0	0	0
92.5	100.7	0.92	0	0	0	0	0
103.4	106.8	0.97	0	0	0	0	0
106.7	103.2	1.03	0	1	0	0	0
98.2	121.4	0.81	0	0	0	0	0
81.2	91.7	0.89	0	2	0	0	0
98.5	104.5	0.94	0	0	0	0	0
88.7	75.6	1.17	0	0	0	0	0
101.6	102.1	1	1	1	0	0	1
100.2	99.9	1	0	0	0	1	0
121.1	117.2	1.03	1	1	0	0	1
79.7	106.1	0.75	0	1	0	0	0
117.1	127.1	0.92	1	0	0	0	1
70.9	72.1	0.98	0	0	0	0	0
71.3	84	0.85	0	0	0	1	0
117.7	117.5	1	0	0	0	1	1
119.6	117.8	1.02	0	0	0	0	0
69.8	76.6	0.91	0	2	0	1	0
93.2	96.8	0.96	0	0	0	0	0
88.4	121.3	0.73	0	1	0	0	0
81.8	66.1	1.24	0	0	0	1	0
102	78.9	1.29	0	1	0	1	0
103.9	101.1	1.03	1	1	0	1	1
55.1	91.8	0.6	1	2	0	0	1
91.2	97.7	0.93	1	1	0	1	1
104.8	111.5	0.94	0	1	0	1	0
78.1	126	0.62	0	0	0	1	0
72.6	96.1	0.76	1	1	0	1	1
82.9	90.9	0.91	0	0	0	0	0
95.5	95.8	1	0	0	0	0	0
94.6	94.4	1	1	0	0	0	1
118.4	102.7	1.15	1	1	0	0	1
85.2	104.7	0.81	1	0	0	0	1
101.2	106.6	0.95	0	2	0	0	0
92.8	87.3	1.06	0	1	0	0	0
132.1	121.3	1.09	0	0	0	0	1
103.9	112.7	0.92	0	0	0	1	0

99.7	97.8	1.02	1	0	0	0	1
85.6	91.6	0.93	0	1	0	1	0
99.4	109.1	0.91	0	0	0	1	0
100.2	92	1.09	0	0	0	0	0
108	120.1	0.9	0	0	0	0	0
112.5	99.2	1.13	1	0	0	1	1
112.6	114.8	0.98	0	1	0	1	1
65.3	81.7	0.8	0	0	0	0	0
86	95	0.91	0	0	0	0	0
118.2	117.5	1.01	0	1	0	0	0
82.4	82	1	0	0	0	1	0
96.6	103.3	0.94	1	0	0	0	1
96.9	102.4	0.95	0	0	0	1	0
100.3	104.2	0.96	1	0	0	0	1
94.4	96.7	0.98	0	0	0	0	0
92	99.2	0.93	0	1	0	0	0
121.4	107.9	1.13	0	1	0	1	1
100.5	109.2	0.92	0	2	0	0	0
105.5	110.6	0.95	0	0	0	0	0
80.4	72.8	1.1	1	2	0	0	1
121.2	116.2	1.04	0	0	0	0	0
126.3	101.8	1.24	1	1	0	0	1
90.7	86	1.05	1	1	0	0	1
89.8	113.7	0.79	0	0	0	1	0
86.3	104.3	0.83	0	0	0	1	0
68.7	88.9	0.77	0	0	0	0	0
98.4	109.5	0.9	1	0	0	0	1
98.9	117.4	0.84	0	0	0	1	0
72.9	111.4	0.65	0	0	0	1	0
120.5	115.1	1.05	0	0	0	1	0
74.6	82	0.91	0	0	0	1	0
124.1	139.1	0.89	1	0	0	0	1
84.8	118.5	0.72	0	2	0	1	0
115.7	137	0.84	1	1	0	1	1
93.1	116.4	0.8	1	0	0	1	1
75	102.2	0.73	1	0	0	0	1
97.7	78.7	1.24	1	1	0	1	1
66.5	102	0.65	0	0	0	0	0
116.6	109.3	1.07	0	0	0	0	0
98.4	102.8	0.96	0	2	0	1	0
70.8	105.8	0.67	1	1	0	1	1
108.4	103.3	1.05	0	0	0	0	0
121.2	113.8	1.07	1	0	0	0	1
92.3	92.7	1	0	1	0	0	0
89.8	121.7	0.74	0	0	0	1	0
106.4	103.7	1.03	1	0	0	0	1
76.1	95.5	0.8	0	0	0	0	0
74.7	100.6	0.74	0	1	0	1	0
82.2	111.1	0.74	1	0	0	0	1
91.8	139.4	0.66	0	0	0	0	0

74.6	84.9	0.88	0	0	0	0	0
114	116.2	0.98	0	0	0	1	1
74.7	97.6	0.77	0	1	0	0	0
71.4	95.6	0.75	0	1	0	0	0
101.9	117.6	0.87	0	0	0	0	1
73.5	71.7	1.03	1	1	0	0	1
102.9	85.6	1.2	0	0	0	0	0
101.3	101.5	1	0	0	0	0	0
92.5	110.8	0.83	1	0	0	0	1
95.6	101.4	0.94	0	0	0	1	0
108.3	98	1.11	0	0	0	1	0
103.2	109.8	0.94	0	1	0	1	0
78.2	81.2	0.96	1	0	0	0	1
124.8	105.7	1.18	0	1	0	0	0
110	121.2	0.91	0	0	0	1	0
104.1	97.3	1.07	1	0	0	0	1
101.3	109.9	0.92	0	0	0	0	0
102.1	93.1	1.1	1	0	0	0	1
114.6	100.9	1.14	0	0	0	0	0
62.4	112.9	0.55	0	0	0	1	0
107.2	74	1.45	1	0	0	1	1
97.2	109.9	0.88	0	1	0	0	0
100.7	110.9	0.91	1	0	0	0	1
113.9	113.8	1	0	0	0	0	0
84.9	109.9	0.77	0	0	0	0	0
91.9	103.3	0.89	0	0	0	1	0
129.4	115.8	1.12	0	1	0	0	0
73.5	94.7	0.78	0	1	0	0	0
78.6	95.4	0.82	0	1	0	0	0
111.9	108.6	1.03	1	0	0	0	1
109.2	105	1.04	0	0	0	0	0
114	133.2	0.86	0	0	0	0	0
98.4	119.6	0.82	0	0	0	0	0
99	91.9	1.08	0	1	0	0	0
78.5	105.1	0.75	0	2	0	1	0
90.6	99.8	0.91	0	0	0	1	0
98.7	109.9	0.9	0	0	0	0	0
74.3	99.5	0.75	0	1	0	0	0
75.3	81.2	0.93	1	1	0	0	1
107.2	121.7	0.88	1	0	0	0	1
81.7	96.2	0.85	1	0	0	0	1
82	82	1	0	1	0	0	0
93.8	110	0.85	1	0	0	0	1
102.3	89.3	1.15	0	1	0	0	0
85.5	82.7	1.03	0	2	0	1	0
102.4	89.1	1.15	1	0	0	0	1
62.9	95.8	0.66	0	0	0	1	0
101.3	122.4	0.83	0	0	0	1	0
66.4	78	0.85	0	0	0	1	0
86.5	106.4	0.81	1	1	0	0	1

120.2	121	0.99	0	0	0	1	0
84.6	103.5	0.82	0	1	0	0	0
89	104.5	0.85	0	0	0	0	0
106.8	108.9	0.98	0	0	0	0	0
102.4	88.5	1.16	0	0	0	0	0
92	108.1	0.85	1	2	0	1	1
94.4	112.1	0.84	0	1	0	1	0
102.8	116.5	0.88	1	0	0	0	1
70.5	93.2	0.76	0	1	0	1	0
76.6	98.5	0.78	0	0	0	0	0
130.4	132.8	0.98	1	1	0	0	1
77.4	88.3	0.88	1	2	0	1	1
131.1	135.4	0.97	1	1	0	0	1
112.2	120.6	0.93	0	0	0	1	1
99.3	144.6	0.69	0	2	0	0	0
88.7	93.8	0.95	0	0	0	0	0
79.3	103.3	0.77	0	2	0	1	0
89.7	95.3	0.94	0	2	0	1	0
101.9	98.4	1.04	0	0	0	1	0
77.8	116	0.67	1	0	0	0	1
82.2	109.7	0.75	0	1	0	1	0
65.4	83.1	0.79	0	0	0	1	0
111.2	112.2	0.99	0	1	0	0	0
74.7	67.4	1.11	0	0	0	1	0
107.1	127.9	0.84	0	0	0	0	0
88.5	79.1	1.12	0	1	0	1	0
110.7	90.8	1.22	0	0	0	0	0
90.8	102.8	0.88	0	0	0	1	0
124.6	103.5	1.2	0	0	0	0	0
80.5	90.5	0.89	0	0	0	1	0
58.4	77.2	0.76	0	0	0	1	0
108.9	113.9	0.96	1	1	0	1	1
97.3	121.5	0.8	1	1	0	0	1
99.9	106.8	0.94	1	0	0	1	1
90.5	106.3	0.85	0	0	0	0	0
81.2	85.5	0.95	0	1	0	1	1
94.5	87.6	1.08	0	0	0	1	0
62.4	97.4	0.64	0	0	0	0	0
90.5	104.8	0.86	0	0	0	1	0
100.3	104.7	0.96	1	1	0	1	1
105.2	129.2	0.81	0	0	0	0	0
109.2	118.9	0.92	0	0	0	1	0
79.6	113.1	0.7	0	1	0	1	0
97.5	112.7	0.87	0	1	0	1	1
100.5	92.4	1.09	0	0	0	0	0
100	93.8	1.07	0	0	0	0	0
106.5	114.6	0.93	0	1	0	0	0
96.2	104.7	0.92	0	0	0	0	0
72	95.9	0.75	1	1	0	0	1
93.8	109.3	0.86	0	1	0	1	0



87.7	94.8	0.93	0	0	0	1	0
85.5	108.9	0.79	0	0	0	1	0
74.6	113.3	0.66	1	2	0	0	1
133.5	104.2	1.28	0	0	0	0	0
107.7	124.2	0.87	0	0	0	1	0
90.5	101.8	0.89	0	1	0	0	0
118.2	115.4	1.02	0	0	0	1	0
123.4	119.8	1.03	0	1	0	1	0
84.9	95	0.89	0	1	0	0	0
94	106.5	0.88	0	1	0	0	0
91.5	81.4	1.12	0	0	0	0	0
78.5	97.7	0.8	0	0	0	0	0
93.1	113.7	0.82	1	0	0	1	1
109.7	115.1	0.95	0	0	0	0	0
107.8	106.7	1.01	0	0	0	0	0
85.2	97.7	0.87	0	0	0	1	0
103.4	100.8	1.03	1	0	0	1	1
108.5	99.5	1.09	0	1	0	0	0
83.4	97.1	0.86	0	0	0	0	0
102.8	104.3	0.99	0	0	0	1	0
69.8	80.4	0.87	0	0	0	0	0
64	94.7	0.68	1	1	0	0	1
73.7	74.2	0.99	1	0	0	0	1
87.8	121.1	0.73	0	0	0	0	0
121.6	129.4	0.94	1	0	0	0	1
81.3	72	1.13	0	2	0	0	0
73.6	98	0.75	1	0	0	0	1
103.7	91.3	1.14	0	1	0	1	1
99.4	99.8	1	0	2	0	0	0
84.3	87.7	0.96	1	0	0	1	1
82.1	93.1	0.88	0	0	0	0	0
123.3	111.9	1.1	0	1	0	1	1
125.4	116	1.08	0	0	0	0	0
106.2	102.4	1.04	0	0	0	1	1
113.2	118.3	0.96	0	1	0	0	1
92.7	119.4	0.78	1	0	0	1	1
87.8	120.5	0.73	0	2	0	1	0
95.8	97.3	0.98	0	0	0	0	0
71.2	94.1	0.76	0	1	0	1	0
77.4	114.2	0.68	0	2	0	0	0
88.5	110.1	0.8	1	0	0	1	1
100.5	95.8	1.05	0	0	0	1	0
70.3	111	0.63	1	2	0	1	1
118.5	126.9	0.93	0	1	0	1	0
119.9	116	1.03	1	0	0	1	1
81.4	99.1	0.82	0	0	0	0	0
101.1	125.1	0.81	0	1	0	0	0
107.3	120.6	0.89	1	0	0	0	1
106.2	89.6	1.19	0	0	0	0	0
110.4	94.7	1.17	0	0	0	0	0

78.1	84.1	0.93	1	0	0	0	1
90.4	101.6	0.89	1	0	0	1	1
88	106.7	0.82	0	0	0	1	0
89.7	114.1	0.79	0	1	0	1	0
96.3	92.1	1.05	0	0	0	0	0
96.7	104.4	0.93	0	0	0	0	0
101.4	112	0.91	0	1	0	1	0
102.9	114	0.9	0	1	0	1	1
79.8	92.3	0.86	0	1	0	0	0
70.7	87.5	0.81	0	1	0	1	0
104.8	112.8	0.93	0	0	0	0	0
91.6	102.4	0.89	0	2	0	0	0
98.8	118.6	0.83	0	1	0	1	0
101.3	121.4	0.83	0	1	0	0	0
86.5	113.8	0.76	0	0	0	0	0
85.4	101.6	0.84	0	1	0	1	0
97.3	90.3	1.08	0	0	0	1	0
52.4	79.1	0.66	0	0	0	0	0
86.2	98.9	0.87	0	1	0	0	0
82	107.9	0.76	1	1	0	0	1
87.8	99.5	0.88	1	0	0	0	1
87.2	93	0.94	0	1	0	0	0
99.5	113.6	0.88	0	1	0	1	0
86.5	105.2	0.82	0	1	0	0	0
96.1	110.3	0.87	0	1	0	0	0
94.3	102.2	0.92	1	1	0	0	1
98.1	87.1	1.13	0	0	0	0	0
82	110.2	0.74	1	0	0	0	1
100.2	108.8	0.92	1	0	0	0	1
95.4	114	0.84	0	2	0	1	0
94.3	99.7	0.95	0	0	0	0	0
101.9	109.7	0.93	0	1	0	1	0
133.5	99.1	1.35	1	0	0	0	1
121.5	110	1.1	1	0	0	0	1
89.4	89.5	1	0	0	0	1	0
93.5	106.5	0.88	1	1	0	1	1
82.2	110.5	0.74	0	0	0	0	0
108.6	107.1	1.01	0	2	0	1	1
138.3	119.6	1.16	0	1	0	0	0
82.8	93.9	0.88	0	0	0	1	0
79.1	84.3	0.94	0	1	0	1	0
112.6	110.4	1.02	0	1	0	0	0
85.7	80	1.07	0	2	0	1	1
103.3	108.6	0.95	1	0	0	0	1
81.4	93.6	0.87	0	1	0	0	0
111	110.4	1.01	0	0	0	1	0
103.5	117.7	0.88	0	2	0	0	0
116.6	112.5	1.04	0	0	0	1	0
108.1	115.1	0.94	1	0	0	1	1
109.6	116.1	0.94	0	0	0	0	0

97.1	103.8	0.94	1	1	0	0	1
81.5	80.5	1.01	0	0	0	0	0
101.6	111.4	0.91	0	0	0	0	0
82.1	78	1.05	0	1	0	0	0
93.7	101.8	0.92	1	1	0	1	1
94.9	125.6	0.76	1	0	0	0	1
84.7	80.7	1.05	0	1	0	1	0
88.8	100.4	0.88	0	0	0	0	0
105.1	89	1.18	0	0	0	1	1
88.4	105.6	0.84	0	0	0	1	0
125.7	123.1	1.02	0	0	0	0	1
85.5	104.1	0.82	0	0	0	0	0
105	92.8	1.13	1	0	0	1	1
89.9	97.4	0.92	1	0	0	0	1
97.5	99.8	0.98	0	2	0	0	0
99.2	94.4	1.05	0	1	0	0	0
73.5	82.6	0.89	0	0	0	0	0
120.9	115.6	1.05	0	2	0	0	0
85.1	81.3	1.05	0	1	0	0	0
94.7	105.3	0.9	1	0	0	1	1
95.2	81.2	1.17	0	1	0	1	0
86.9	88	0.99	1	0	0	0	1
86.3	96.4	0.9	0	1	0	1	0
115.3	104.8	1.1	1	0	0	0	1
68.1	88.7	0.77	0	1	0	0	0
79	106.9	0.74	0	1	0	0	0
101.9	119.9	0.85	0	0	0	0	0
73.9	95.7	0.77	0	0	0	0	0
92.3	108.9	0.85	0	0	0	0	0
94.1	118.8	0.79	0	0	0	0	0
84.1	77.6	1.08	0	0	0	0	0
97.8	102.4	0.96	0	0	0	0	0
103.4	106.6	0.97	0	2	0	1	0
98.7	109.6	0.9	1	1	0	0	1
83.1	91.2	0.91	0	0	0	0	0
92.9	120.2	0.77	1	0	0	1	1
68.9	106.2	0.65	0	0	0	1	0
98.5	115.4	0.85	0	1	0	0	0
98.3	108.5	0.91	0	0	0	1	0
92.6	92.8	1	0	1	0	1	0
93.5	112.2	0.83	0	0	0	0	0
100.4	95.4	1.05	1	0	0	0	1
102.6	108.5	0.95	1	0	0	1	1
103.1	117.3	0.88	1	1	0	1	1
75.4	83.2	0.91	0	1	0	0	0
84.9	101.3	0.84	0	0	0	0	0
105.8	91	1.16	0	2	0	1	0
70.9	89	0.8	0	0	0	0	0
79.2	92.1	0.86	0	0	0	0	0
103.2	100.7	1.02	1	0	0	0	1

71.8	86	0.83	0	0	0	1	0
80.4	125.2	0.64	0	0	0	0	0
92.7	103.7	0.89	0	0	0	1	0
75	100.4	0.75	0	1	0	0	0
100.4	93.7	1.07	1	0	0	0	1
110.8	101.1	1.1	1	2	0	0	1
100.7	97	1.04	1	2	0	0	1
103	100.1	1.03	1	1	0	0	1
90	115.8	0.78	1	1	0	0	1
96.1	105.2	0.91	0	1	0	1	0
82	103.4	0.79	0	1	0	1	0
91.5	97.4	0.94	0	1	0	1	0
106.8	102.4	1.04	1	1	0	0	1
123.9	98.4	1.26	0	1	0	1	0
107.9	101.9	1.06	1	0	0	0	1
89.1	123.3	0.72	1	0	0	0	1
110.3	95.4	1.16	0	1	0	1	0
90.5	111.7	0.81	0	0	0	1	0
87.9	91.5	0.96	0	1	0	1	0
91.1	106.7	0.85	1	1	0	0	1
76.7	84.5	0.91	1	0	0	1	1
108.9	112.5	0.97	0	0	0	1	0
80.6	94.2	0.86	0	1	0	1	0
99	105.9	0.93	0	1	0	0	0
101.9	86.2	1.18	0	1	0	1	0
99.5	110.4	0.9	1	0	0	0	1
92.3	91.5	1.01	1	1	0	0	1
118.2	95.3	1.24	0	0	0	1	0
65.5	73.4	0.89	0	2	0	0	0
105.5	94.3	1.12	0	0	0	0	0
74.7	95.9	0.78	0	0	0	1	0
83.1	95.2	0.87	1	1	0	0	1
97	96.5	1.01	0	0	0	0	0
123.3	101.3	1.22	0	1	0	0	0
96	118.5	0.81	0	0	0	1	0
102.6	97.2	1.06	0	0	0	1	0
97.6	104.8	0.93	1	0	0	1	1
122.6	122.9	1	1	0	0	0	1
98.8	100.7	0.98	0	1	0	1	0
102.8	84.8	1.21	0	2	0	0	0
79.7	102.4	0.78	1	0	0	1	1
109.5	115.6	0.95	1	1	0	1	1
104	98.6	1.05	0	0	0	0	0
84	105.9	0.79	0	0	0	0	0
85	96.6	0.88	0	1	0	1	0
65.8	92	0.72	0	0	0	0	0
65.6	81.3	0.81	0	1	0	0	0
63.4	92.8	0.68	0	1	0	0	0
88.7	89	1	0	0	0	1	0
93.4	96	0.97	0	1	0	0	0

87.6	110.2	0.79	0	2	0	0	0
118.9	132.5	0.9	0	0	0	0	0
78	101	0.77	1	0	0	0	1
78.7	105.3	0.75	0	0	0	1	0
104.2	107	0.97	0	1	0	0	0
73.7	80.6	0.91	0	1	0	0	0
56.5	102.3	0.55	0	0	0	1	0
95.5	85.1	1.12	0	0	0	0	0
77.2	80.1	0.96	1	0	0	1	1
90.8	98.3	0.92	0	0	0	0	0
97.2	88.7	1.1	1	0	0	0	1
90.1	116.8	0.77	0	1	0	0	0
78.7	91.2	0.86	0	0	0	0	0
101	105.9	0.95	1	1	0	0	1
91	101.1	0.9	0	0	0	0	0
89	110.6	0.8	0	1	0	0	0
130	109.9	1.18	0	0	0	0	0
72	102.9	0.7	0	0	0	0	0
109.5	84.3	1.3	0	0	0	0	0
97.5	109.9	0.89	1	0	0	1	1
83.5	100.7	0.83	0	0	0	0	0
85.5	112.7	0.76	1	1	0	1	1
90.8	101.9	0.89	1	0	0	0	1
100	102	0.98	0	2	0	1	0
106.8	104.9	1.02	1	1	0	1	1
92.5	106.7	0.87	0	0	0	1	0
93.2	94.7	0.98	0	1	0	1	0
85	72.7	1.17	0	1	0	0	0
120.9	121.4	1	0	2	0	0	0
108.1	111.8	0.97	0	1	0	0	0
88.1	106.5	0.83	1	0	0	0	1
89.8	102.1	0.88	0	1	0	0	1
91.7	81.8	1.12	0	1	0	0	0
82.2	85.7	0.96	1	2	0	1	1
79.5	91	0.87	0	0	0	1	0
94.8	98.7	0.96	0	0	0	1	0
62.7	82.5	0.76	0	0	0	1	0
84.1	121.4	0.69	0	0	0	0	0
127.8	112.5	1.14	1	0	0	0	1
88.5	99.6	0.89	0	1	0	0	0
112.3	98.7	1.14	0	0	0	1	0
91.6	93.9	0.98	0	0	0	0	0
102.8	108.4	0.95	1	0	0	0	1
89.6	90.9	0.99	0	1	0	0	0
118.6	117.5	1.01	1	0	0	0	1
72.8	80.3	0.91	0	0	0	1	0
78.6	104.3	0.75	1	0	0	0	1
89.7	99.6	0.9	0	1	0	0	0
83.3	109.7	0.76	1	0	0	0	1
105.5	108.1	0.98	0	0	0	0	0

108.3	103.8	1.04	1	0	0	0	1
75.9	108	0.7	0	0	0	1	0
81.9	80.6	1.02	0	1	0	0	0
77.8	79.6	0.98	0	0	0	1	0
92	106.6	0.86	0	1	0	1	0
129.3	122.6	1.05	0	0	0	0	0
113.1	91.8	1.23	0	2	0	1	0
71.7	106.3	0.67	1	0	0	1	1
98.6	90.7	1.09	0	2	0	0	0
83.2	97.6	0.85	0	1	0	1	0
114.7	113.4	1.01	0	0	0	1	0
90.7	89.3	1.02	1	0	0	1	1
80.3	109.8	0.73	0	0	0	0	0
108.3	126.8	0.85	0	0	0	0	0
106.1	106.7	0.99	0	1	0	0	0
127.1	116.7	1.09	0	0	0	1	1
86.3	105.8	0.82	0	0	0	1	0
129.6	116.5	1.11	1	1	0	0	1
68.1	106.2	0.64	1	0	0	0	1
81.6	84.3	0.97	1	1	0	0	1
99.5	118.7	0.84	0	1	0	1	1
99.6	99.4	1	1	0	0	1	1
80.4	124.1	0.65	1	0	0	1	1
98	95.2	1.03	0	2	0	0	0
113.6	94.2	1.21	1	1	0	1	1
74.2	91.3	0.81	0	0	0	0	0
104.6	117.6	0.89	0	0	0	1	0
103.5	130.5	0.79	0	0	0	1	0
112.2	86.6	1.3	0	1	0	0	0
92.1	119.1	0.77	0	0	0	0	0
102.6	110.1	0.93	0	0	0	0	0
76.8	88.9	0.86	0	2	0	0	0
113.6	124.9	0.91	0	0	0	0	0
84.8	107.7	0.79	0	0	0	1	0
88.3	107.7	0.82	1	0	0	0	1
92.4	126	0.73	0	0	0	1	1
103.2	104.2	0.99	0	1	0	1	0
88.8	99.2	0.9	0	0	0	1	0
90.8	106.8	0.85	0	0	0	0	0
73.1	92.7	0.79	1	0	0	1	1
108.4	125	0.87	0	0	0	0	0
99.3	116.9	0.85	1	0	0	0	1
103.7	137.1	0.76	0	0	0	0	0
52.2	82.7	0.63	0	0	0	0	0
103	99.9	1.03	0	0	0	0	0
84.7	104	0.81	1	2	0	1	1
103.5	97.3	1.06	1	0	0	0	1
85.2	92.5	0.92	0	0	0	0	0
80.1	108.6	0.74	1	0	0	0	1
94.7	116.8	0.81	0	0	0	0	0

134.3	101.9	1.32	0	1	0	0	0
99.2	114.5	0.87	1	2	0	0	1
82.1	109.7	0.75	0	0	0	0	0
77.8	93.3	0.83	0	2	0	0	0
126	116.8	1.08	0	0	0	0	0
99.3	88.7	1.12	0	2	0	1	0
103.1	101.3	1.02	0	1	0	0	0
104.7	103.7	1.01	1	0	0	0	1
118.4	125.4	0.94	0	0	0	0	0
91.7	114.5	0.8	1	2	0	1	1
85.2	93	0.92	0	0	0	0	0
76.2	89	0.86	0	0	0	0	0
109.5	122.7	0.89	0	0	0	1	0
125.9	137.4	0.92	0	0	0	1	1
98.4	83.2	1.18	0	0	0	0	0
105.7	111.8	0.95	1	1	0	0	1
76.4	103.4	0.74	1	1	0	1	1
95.2	103.6	0.92	1	0	0	0	1
108	121.3	0.89	1	1	0	0	1
84.8	96	0.88	0	1	0	1	0
85	112	0.76	1	0	0	0	1
100.6	107	0.94	1	0	0	0	1
63.8	108.2	0.59	0	1	0	1	0
101.8	105.5	0.96	1	0	0	0	1
103.4	95.2	1.09	0	0	0	1	0
77.6	95.5	0.81	0	0	0	0	0
71.5	99.2	0.72	0	0	0	1	0
69	83.2	0.83	0	0	0	0	0
91.6	105.6	0.87	1	0	0	1	1
137	114.6	1.2	0	0	0	0	0
103.5	102.9	1.01	1	0	0	0	1
106	108.2	0.98	1	0	0	0	1
104.4	109.1	0.96	0	1	0	1	0
75.2	91.2	0.82	0	2	0	0	0
101.7	125.7	0.81	1	0	0	0	1
90.2	100.5	0.9	0	2	0	0	0
120.3	142.1	0.85	1	0	0	0	1
78.4	83.9	0.93	0	1	0	0	0
81.7	102.1	0.8	1	0	0	0	1
98	103	0.95	0	0	0	0	0
79.2	101.6	0.78	0	0	0	0	0
98.4	125	0.79	1	0	0	1	1
138.9	114	1.22	0	0	0	1	1
77.8	115.8	0.67	1	0	0	0	1
85.3	102.3	0.83	0	0	0	0	0
80.2	97.8	0.82	0	1	0	1	0
70.3	81.8	0.86	0	0	0	0	0
96.7	114.5	0.84	0	0	0	1	0
75.5	99.5	0.76	0	0	0	1	0
128.3	120.6	1.06	1	1	0	1	1

89	107.4	0.83	1	2	0	0	1
92.2	127.1	0.73	0	1	0	0	0
102.3	106.6	0.96	0	0	0	1	0
96.2	106.9	0.9	0	2	0	0	0
83.6	110.1	0.76	1	1	0	0	1
80.7	94.4	0.85	1	0	0	0	1
77.8	98.8	0.79	0	0	0	0	0
86.2	101.6	0.85	1	1	0	0	1
86.5	94.2	0.92	1	0	0	0	1
71.5	111.3	0.64	1	0	0	0	1
82.7	87.4	0.95	1	0	0	0	1
98	102.6	0.96	1	0	0	1	1
97.6	104.1	0.94	1	2	0	1	1
102.9	94	1.09	1	1	0	1	1
94.1	111	0.85	0	0	0	0	0
87.5	101.4	0.86	0	0	0	1	0
93.1	91.8	1.01	0	0	0	0	0
86.9	99	0.88	0	0	0	0	0
90	103	0.87	0	0	0	1	0
79.7	106.5	0.75	0	2	0	0	0
55.7	64.7	0.86	0	1	0	1	0
85.7	70.5	1.22	0	0	0	0	0
104	115.6	0.9	0	1	0	1	0
104	127.6	0.82	0	1	0	0	0
89.6	99.2	0.9	1	1	0	1	1
64.4	92.2	0.7	0	0	0	0	0
67.8	86.2	0.79	1	0	0	1	1
125.3	127.2	0.99	0	0	0	0	0
114.3	92.8	1.23	0	0	0	1	0
87.3	100.6	0.87	0	2	0	0	0
101.5	100.1	1.01	1	0	0	0	1
64.2	84	0.76	1	0	0	1	1
112.1	103	1.09	1	0	0	1	1
117.3	122.6	0.96	0	1	0	1	1
84.9	88	0.96	0	1	0	0	0
120.8	120.1	1.01	0	0	0	0	0
80.9	107.9	0.75	0	0	0	0	0
104	119.5	0.87	1	1	0	0	1
100.3	91.4	1.1	0	0	0	0	0
88.1	116.4	0.76	0	2	0	1	0
121.5	114.9	1.06	0	0	0	0	0
90	114.5	0.79	1	0	0	1	1
87.7	104	0.84	0	1	0	1	0
74.2	85.3	0.87	1	1	0	0	1
82.8	101.1	0.82	1	0	0	0	1
114.9	98.9	1.16	0	1	0	0	0
107.4	117.1	0.92	0	0	0	0	1
104.5	95.9	1.09	0	0	0	0	0
83.1	100.7	0.83	0	0	0	1	0
89.4	66.9	1.34	1	1	0	1	1



74.8	86.7	0.86	1	0	0	1	1
93.9	120.5	0.78	1	0	0	1	1
74.9	77.4	0.97	0	0	0	0	0
89.7	90.5	0.99	1	1	0	0	1
100	97.6	1.02	0	2	0	0	0
127.1	119	1.07	0	0	0	0	0
116.9	101.5	1.15	0	0	0	0	1
95.9	107.1	0.9	0	1	0	1	0
86.1	100.4	0.86	0	0	0	1	0
118.4	97.1	1.22	0	2	0	1	0
100	95.4	1.05	0	0	0	1	0
91.8	98.6	0.93	0	0	0	1	0
97	115.1	0.84	0	1	0	1	0
83.4	92.3	0.9	0	1	0	1	0
82.2	88.9	0.92	0	0	0	1	0
117.4	121.2	0.97	1	1	0	0	1
82.6	79	1.05	0	0	0	0	0
126.1	111.4	1.13	0	0	0	1	1
102.3	102.6	1	0	0	0	0	0
78.9	100.3	0.79	0	1	0	0	0
114.4	100.7	1.14	0	1	0	1	0
89.1	113.2	0.79	0	0	0	0	0
87.8	114.8	0.76	0	0	0	0	0
97	102.7	0.94	0	1	0	1	0
86.6	110.9	0.78	0	0	0	0	0
102.9	116.2	0.89	0	0	0	0	0
114.8	92.5	1.24	1	0	0	0	1
124.2	124.5	1	1	0	0	1	1
117.6	109	1.08	0	1	0	1	0
92.4	96.5	0.96	0	1	0	0	0
121.8	120.1	1.01	0	0	0	1	0
112.9	100.3	1.13	1	0	0	1	1
99.6	97.8	1.02	0	0	0	0	0
88	99.7	0.88	0	0	0	0	0
90.1	121.2	0.74	0	2	0	0	0
74.3	94.8	0.78	0	0	0	1	0
88.5	110.2	0.8	0	0	0	0	0
133.8	130.7	1.02	1	0	0	1	1
114.9	128	0.9	0	0	0	0	0
98.4	81.5	1.21	0	2	0	1	0
95.3	114.7	0.83	0	0	0	0	0
103.5	104	1	0	0	0	1	0
98.8	123.9	0.8	0	0	0	1	1
85.9	105.4	0.81	0	1	0	1	0
101.3	110.2	0.92	1	0	0	0	1
92.7	112.8	0.82	0	0	0	0	0
123	101.1	1.22	0	1	0	0	0
109.9	103.5	1.06	0	0	0	1	0
93.5	97.1	0.96	0	1	0	1	0
96.5	121.2	0.8	1	0	0	1	1

122.8	111.9	1.1	1	1	1	1	1
86.8	107.6	0.81	0	0	0	0	0
90.4	104.5	0.87	1	1	0	0	1
82.9	85.1	0.97	0	0	0	0	0
101	95.7	1.06	1	0	0	0	1
103.2	119.4	0.86	0	0	0	0	0
83.8	97.9	0.86	0	1	0	1	0
87.1	96.1	0.91	0	0	0	0	0
102.2	128.4	0.8	0	0	0	1	0
95.2	111.8	0.85	0	0	0	0	0
70.3	100.1	0.7	0	0	0	0	0
88.2	130.9	0.67	0	2	0	1	0
103.1	116.3	0.89	1	1	0	1	1
103.6	114.5	0.9	1	1	0	1	1
108.8	110.8	0.98	0	0	0	0	0
96.5	98.7	0.98	0	0	0	0	0
98.8	103	0.96	0	1	0	0	0
86.2	91.1	0.95	1	1	0	1	1
81.2	92	0.88	0	2	0	0	0
102.6	100.5	1.02	0	0	0	0	0
74.2	114.4	0.65	1	1	0	0	1
92.4	104.4	0.89	0	1	0	1	0
72.6	95.2	0.76	0	2	0	0	0
99.9	114.5	0.87	0	1	0	1	1
93.1	88.3	1.05	0	0	0	0	0
111.1	97.5	1.14	0	1	0	0	0
93.7	91.3	1.03	0	0	0	0	0
81.4	83.2	0.98	0	2	0	0	0
93.9	116.8	0.8	0	0	0	1	0
117.3	116.8	1	0	0	0	1	1
102	108.2	0.94	1	1	0	0	1
91.4	117	0.78	1	0	0	0	1
104.7	106	0.99	0	1	0	0	0
64.4	67.2	0.96	0	0	0	0	0
82	86.6	0.95	0	2	0	0	0
90.2	94.8	0.95	0	1	0	0	0
97.7	106.3	0.92	1	1	0	0	1
113.6	111.7	1.02	0	1	0	0	0
111.9	130.9	0.85	0	0	0	0	0
101.3	109.3	0.93	0	0	0	0	0
81.4	82.4	0.99	1	0	0	1	1
91.9	98.2	0.94	0	1	0	0	0
100	108.3	0.92	0	1	0	0	0
78.6	116.2	0.68	0	1	0	0	0
105.2	115.4	0.91	1	1	0	0	1
107.6	97.4	1.1	0	0	0	0	0
110	106.3	1.03	1	2	0	1	1
62.4	77.1	0.81	0	1	0	1	0
106.8	108.4	0.99	1	0	0	1	1
78.2	107.2	0.73	0	1	0	0	0

107.9	113.7	0.95	0	1	0	1	0
69.1	79.2	0.87	0	1	0	0	0
113.7	135.5	0.84	0	2	0	1	0
99.2	99	1	0	0	0	0	0
126.5	136.5	0.93	0	1	0	1	1
134.7	121.9	1.11	0	2	0	0	1
82.8	92.5	0.9	0	1	0	1	0
107.5	116.5	0.92	1	1	0	0	1
67.4	95.6	0.71	0	0	0	1	0
78.6	104.2	0.75	0	0	0	1	0
74.9	106	0.71	0	1	0	1	0
102.3	93.7	1.09	0	0	0	0	0
76.1	106.7	0.71	0	0	0	0	0
100.2	82.7	1.21	1	1	0	0	1
102.2	97.1	1.05	0	0	0	0	0
78.4	110.1	0.71	1	1	0	0	1
69.5	90.8	0.77	0	2	0	0	0
103.2	108.7	0.95	1	0	0	0	1
113.5	118.2	0.96	0	0	0	0	0
82.6	99.1	0.83	1	0	0	0	1
75.5	92.1	0.82	0	1	0	1	0
102.6	118.5	0.87	0	2	0	0	0
85.7	87	0.99	0	0	0	1	0
92.2	108.8	0.85	0	0	0	0	0
92.7	97.5	0.95	1	1	0	0	1
117.8	114.9	1.03	0	1	0	1	1
97.9	109.2	0.9	0	1	0	1	0
89.6	94.8	0.95	0	1	0	0	0
76.9	99.3	0.77	1	0	0	0	1
69.1	75.3	0.92	0	0	0	1	0
82.7	97.4	0.85	1	1	0	0	1
136.8	124.3	1.1	1	0	0	0	1
97.6	122.5	0.8	1	0	0	0	1
125.3	119.9	1.05	0	0	0	0	0
91.7	104.7	0.88	0	0	0	1	0
94.7	91.7	1.03	0	0	0	1	0
82.2	88.4	0.93	0	0	0	1	0
75.3	104.1	0.72	0	0	0	1	0
106.2	103.5	1.03	0	0	0	0	0
110.4	116.7	0.95	0	0	0	0	0
83.5	101	0.83	0	0	0	0	0
103.2	88.3	1.17	0	0	0	1	0
63.4	89.4	0.71	0	0	0	0	0
86.7	103.4	0.84	0	0	0	0	0
102.1	111.4	0.92	0	0	0	0	0
79.2	91.5	0.87	0	0	0	1	0
61.7	79.2	0.78	0	1	0	0	0
91.7	112.6	0.81	0	0	0	0	0
102.4	105.6	0.97	0	1	0	0	0
69.3	82.2	0.84	0	0	0	1	0

117.3	111.7	1.05	0	0	0	0	0
97.1	96.3	1.01	0	1	0	0	0
96.4	107.1	0.9	0	1	0	1	0
74.6	88.8	0.84	0	1	0	0	0
95.9	120.2	0.8	1	0	0	0	1
106.5	105	1.01	0	0	0	0	0
93.1	121.8	0.76	0	0	0	1	0
81.2	82.8	0.98	0	0	0	0	0
107.5	97.2	1.11	0	0	0	0	0
79.4	98.9	0.8	0	1	0	0	0
94.5	92.1	1.03	0	2	0	0	0
106.7	104.8	1.02	1	0	0	1	1
118.4	99.4	1.19	0	1	0	1	0
82.7	91.2	0.91	0	1	0	0	0
117	114.1	1.03	0	0	0	1	0
107.1	130.6	0.82	0	1	0	0	0
98.8	98.1	1.01	0	0	0	0	0
93.2	115.4	0.81	0	1	0	0	0
115	115.2	1	1	0	0	0	1
103.1	108.5	0.95	0	2	0	0	0
77.9	86	0.91	1	1	0	0	1
98.9	112.6	0.88	0	1	0	0	0
109.8	120	0.91	0	2	0	1	0
77.9	102.8	0.76	0	1	0	0	0
98.4	103.3	0.95	1	0	0	1	1
83.4	110.2	0.76	0	1	0	0	0
105	105.7	0.99	1	2	0	1	1
92.7	76.5	1.21	1	2	0	1	1
110.6	110.9	1	0	0	0	0	0
91.4	103.7	0.88	0	0	0	1	0
86.2	109.2	0.79	1	1	0	0	1
108.3	116.3	0.93	0	2	0	1	1
80.2	118.8	0.68	0	0	0	0	0
110	113.4	0.97	0	1	0	0	0
91.9	93.3	0.98	0	0	0	0	0
110.7	106.7	1.04	1	1	0	0	1
120.8	133.3	0.91	0	1	0	1	0
89	98.8	0.9	1	0	0	1	1
64.3	90.2	0.71	1	2	0	1	1
68.8	108	0.64	0	0	0	1	0
118.8	120.3	0.99	1	0	0	1	1
71.4	94.4	0.76	0	1	0	0	0
117.6	133.1	0.88	0	0	0	1	1
76.6	87.5	0.88	0	1	0	0	0
84.4	104.8	0.81	0	1	0	1	0
101	122.5	0.82	0	1	0	0	0
79.6	104.9	0.76	0	0	0	0	0
84.8	124.3	0.68	1	0	0	0	1
100.3	103.5	0.97	0	0	0	0	0
107.1	107.2	1	0	0	0	0	0

119.4	104.8	1.14	0	0	0	1	0
112.8	123.8	0.91	1	0	0	1	1
81.2	94.5	0.86	0	0	0	0	0
85.9	113.8	0.75	0	2	0	1	1
95.7	101.7	0.94	0	0	0	0	0
106.4	85.3	1.25	0	0	0	1	0
71.8	100.4	0.72	0	0	0	1	0
83.4	103.5	0.81	0	1	0	1	0
71	74.9	0.95	0	2	0	0	0
86.8	109.6	0.79	0	0	0	1	0
72.9	95.9	0.76	0	0	0	0	0
94.5	101.3	0.93	1	0	0	0	1
99.9	98.4	1.02	0	2	0	0	0
91.9	106.6	0.86	0	0	0	0	0
88.5	110.3	0.8	0	0	0	0	0
108.3	120.8	0.9	0	0	0	0	0
93.2	96.1	0.97	0	1	0	0	0
109.8	119.6	0.92	0	0	0	0	0
110	123.8	0.89	0	0	0	0	0
104.3	102.3	1.02	0	0	0	0	0
87	113.2	0.77	0	2	0	0	0
101.6	110.9	0.92	0	0	0	1	0
101.8	107.5	0.95	1	0	0	0	1
101.5	97.9	1.04	0	0	0	0	0
91.8	100	0.92	0	1	0	1	1
81.5	97	0.84	1	0	0	0	1
100.1	106.6	0.94	0	0	0	1	1
85.6	97.6	0.88	1	0	0	0	1
75.4	80.6	0.94	0	0	0	0	0
95.2	109.4	0.87	1	1	0	0	1
79.3	101.5	0.78	0	0	0	0	0
80.6	92.4	0.87	1	0	0	0	1
101.4	103.5	0.98	0	0	0	0	0
60.6	96.8	0.63	0	0	0	0	0
97.8	119	0.82	1	0	0	1	1
94.7	110.1	0.86	0	0	0	0	0
59.6	101.2	0.59	1	1	0	1	1
86.5	99	0.87	0	0	0	1	1
83.3	91	0.92	1	0	0	1	1
115.3	113.1	1.02	0	0	0	1	0
92	99.3	0.93	0	0	0	0	0
88.7	95.7	0.93	0	1	0	0	0
96.3	112.3	0.86	0	1	0	1	0
113.9	98.5	1.16	0	0	0	1	0
93.9	97.9	0.96	0	1	0	0	0
109.1	106.9	1.02	0	0	0	0	0
101	106.3	0.95	1	0	0	0	1
101.9	93.3	1.09	0	1	0	0	0
70	100.3	0.7	0	0	0	0	0
103.7	99.7	1.04	0	0	0	1	0

118.6	115.4	1.03	0	2	0	0	0
100	102.4	0.98	0	1	0	1	0
82.2	86.1	0.95	0	1	0	0	0
123.5	118.6	1.04	1	0	0	0	1
72.4	93.3	0.78	0	0	0	1	0
88.3	105.2	0.84	0	1	0	0	0
93.1	118	0.79	1	0	0	0	1
113.4	128.1	0.89	1	0	0	0	1
112.4	104.3	1.08	1	1	0	0	1
107.8	109.8	0.98	0	0	0	1	0
96.1	87.9	1.09	0	0	0	0	0
125.2	90.2	1.39	1	0	0	1	1
104.3	95.2	1.1	1	0	0	0	1
80.4	77.4	1.04	0	1	0	0	0
93.5	103.8	0.9	1	0	0	0	1
85.5	97.4	0.88	1	0	0	0	1
87.6	88.1	0.99	0	0	0	1	0
96.4	118.2	0.82	1	0	0	0	1
115.2	118.9	0.97	1	2	0	0	1
96.8	84.4	1.15	0	1	0	0	0
104.7	113.5	0.92	0	0	0	0	0
96.5	107.2	0.9	0	0	0	0	0
120.1	122.7	0.98	0	1	0	1	0
102.3	110.6	0.92	1	0	0	0	1
102.7	88.3	1.16	0	0	0	1	0
82.4	112.2	0.73	1	0	0	0	1
68.9	111.7	0.62	0	2	0	0	0
85.6	84.5	1.01	1	0	0	0	1
98.3	107.9	0.91	0	1	0	1	0
99	104.4	0.95	0	0	0	1	0
112.4	111.1	1.01	0	0	0	1	0
89.5	121	0.74	0	1	0	0	0
76.3	98.7	0.77	0	0	0	0	0
88.7	111.1	0.8	0	0	0	0	0
137.9	136.2	1.01	1	0	0	0	1
80.4	118.4	0.68	0	0	0	0	0
105.7	97.7	1.08	0	1	0	0	0
83.2	108.9	0.76	0	0	0	0	0
93.4	101.4	0.92	0	0	0	1	0
108.2	106.8	1.01	1	1	0	0	1
83	99.5	0.83	0	0	0	1	0
86.8	100.5	0.86	1	1	0	1	1
89.1	89.8	0.99	0	0	0	1	0
97.9	103.4	0.95	0	0	0	0	0
59.1	75.1	0.79	0	0	0	0	0
111.7	112.1	1	0	0	0	0	0
99.6	85.9	1.16	1	0	0	0	1
124.1	121.8	1.02	0	0	0	0	0
122.3	112.8	1.08	0	0	0	0	0
93.1	87	1.07	0	1	0	1	0

72.4	83.5	0.87	0	2	0	1	0
116.1	125.4	0.93	0	1	0	0	0
74.6	106.7	0.7	0	0	0	0	0
89.5	111.7	0.8	0	0	0	0	0
92.9	94.7	0.98	0	2	0	0	0
110.9	111.3	1	0	2	1	1	1
91.5	99.5	0.92	0	0	0	0	0
111.1	127.7	0.87	0	1	0	0	0
109.3	101.9	1.07	0	0	0	0	0
53.5	96.2	0.56	1	0	0	0	1
99.1	101.2	0.98	0	2	0	0	0
101.9	104.2	0.98	0	0	0	0	0
82.8	95.1	0.87	0	0	0	0	0
140.4	122.3	1.15	0	0	0	1	1
78.1	94.9	0.82	0	0	0	0	0
77.3	91.8	0.84	0	0	0	1	0
75	87.1	0.86	0	2	0	0	0
83.7	92.5	0.9	1	0	0	0	1
118.9	122.4	0.97	0	1	0	0	0
88.7	117.3	0.76	1	0	0	1	1
98.6	105.9	0.93	1	0	0	0	1
84.2	87.1	0.97	0	0	0	0	0
110.7	106.6	1.04	0	0	0	0	0
86.2	89.7	0.96	0	0	0	0	0
86.4	106.5	0.81	0	0	0	0	0
88.3	93.7	0.94	0	1	0	0	0
93.5	95.8	0.98	0	0	0	1	0
84.2	92.1	0.91	0	0	0	1	0
88.4	110.5	0.8	1	0	0	0	1
103.1	96.8	1.07	0	0	0	0	0
91.2	108.1	0.84	0	1	0	1	0
81.4	112.1	0.73	1	0	0	1	1
133.2	105.8	1.26	1	1	0	1	1
98.9	94.3	1.05	0	0	0	1	0
102.8	109.1	0.94	0	0	0	0	0
87.6	90.9	0.96	0	0	0	0	0
123.9	122.7	1.01	0	1	0	0	1
114.4	97.4	1.17	0	0	0	1	0
87.4	105.2	0.83	0	0	0	0	0
96.4	125.2	0.77	0	1	0	1	0
91.5	99.3	0.92	0	0	0	0	0
100.4	123.5	0.81	0	0	0	1	1
98.2	109.9	0.89	0	2	0	0	0
84.9	94.7	0.9	0	0	0	0	0
81.8	98	0.83	1	0	0	0	1
108.6	110.8	0.98	1	1	0	1	1
86.8	100.8	0.86	0	0	0	0	0
94.3	109.5	0.86	0	0	0	0	0
105.7	89.4	1.18	0	1	0	1	0
87.5	109.2	0.8	0	2	0	0	0

100.3	126.3	0.79	1	1	0	1	1
125.6	129.8	0.97	1	0	0	1	1
99.6	97.6	1.02	1	0	0	0	1
114.7	111.7	1.03	1	0	0	0	1
89.9	127.3	0.71	0	0	0	1	0
69.4	77.6	0.89	0	2	0	0	0
73.4	89.4	0.82	1	1	0	1	1
109	113	0.96	0	0	0	0	0
129.6	109.5	1.18	1	0	0	1	1
102.4	108	0.95	1	1	0	1	1
100.2	102.4	0.98	0	1	0	0	0
127.7	99.3	1.29	1	1	0	1	1
93.8	91.6	1.02	0	0	0	0	0
90.7	103	0.88	0	1	0	1	0
90.8	69.7	1.3	1	1	0	1	1
83.8	82.4	1.02	0	0	0	0	0
94	110.9	0.85	0	1	0	0	1
104.9	109.4	0.96	0	0	0	0	0
115.7	115.7	1	1	0	0	0	1
118	103.4	1.14	1	0	0	0	1
68.3	90.7	0.75	1	0	0	0	1
83.9	106.1	0.79	0	1	0	1	0
77.1	103.7	0.74	1	0	0	0	1
88.1	102.5	0.86	1	2	0	0	1
97.1	96.4	1.01	0	1	0	0	0
104.6	104.4	1	1	1	0	0	1
111.2	91.1	1.22	1	0	0	0	1
91.5	124.7	0.73	0	0	0	1	0
73.9	69.2	1.07	1	0	0	1	1
76.1	105.8	0.72	0	1	0	0	0
97.2	99.1	0.98	0	1	0	0	0
95.1	106.7	0.89	0	1	0	1	0
87.8	100.8	0.87	0	0	0	1	0
107.5	94.6	1.14	1	0	0	0	1
97.9	114.6	0.85	1	1	0	0	1
98.8	109.8	0.9	0	0	0	0	0
83	106.3	0.78	1	0	0	0	1
96.4	109.5	0.88	1	0	0	1	1
112.7	121.8	0.93	0	1	0	1	1
66.1	89	0.74	0	1	0	1	0
69.4	96.5	0.72	0	0	0	0	0
87.9	76.1	1.16	1	0	0	1	1
103.6	113.2	0.92	1	1	0	1	1
114.3	111.2	1.03	0	0	0	1	1
72.3	110.3	0.66	0	0	0	0	0
97.5	112.9	0.86	0	1	0	1	0
94	96.3	0.98	0	0	0	1	0
93.7	101.6	0.92	0	2	0	0	0
89.6	119.4	0.75	0	0	0	1	0
103.2	135.6	0.76	1	1	0	0	1



95.9	92.8	1.03	1	0	0	0	1
119.3	91.4	1.31	1	1	0	1	1
117.4	115.6	1.02	0	0	0	0	0
91.4	109.7	0.83	0	2	0	0	0
90.1	110.7	0.81	1	0	0	0	1
95.2	105.2	0.9	0	1	0	0	0
90.2	120.3	0.75	1	0	0	0	1
65.2	82.7	0.79	0	0	0	0	0
78.7	91.2	0.86	0	1	0	1	0
105.6	94.6	1.12	1	0	0	0	1
82.7	80.2	1.03	0	1	0	0	0
103.8	124.9	0.83	0	0	0	1	0
68.7	98	0.7	1	0	0	0	1
98.5	90.5	1.09	0	0	0	0	0
101.7	122.3	0.83	1	0	0	0	1
113.8	105.6	1.08	0	0	0	1	0
45.7	95.4	0.48	0	0	0	1	0
63.4	70.6	0.9	1	0	0	0	1
114.1	98.9	1.15	0	0	0	0	0
100.8	93.8	1.07	1	0	0	0	1
89.1	107.4	0.83	0	1	0	1	0
91.2	103.3	0.88	0	1	0	0	0
100	79.7	1.25	0	2	0	0	0
80.4	79.5	1.01	0	1	0	0	0
94	105.4	0.89	0	1	0	0	0
79.1	90.6	0.87	0	1	0	1	0
79.2	96.4	0.82	0	1	0	1	0
78.6	116.2	0.68	0	0	0	1	0
80.1	88	0.91	0	0	0	1	0
124.2	100.2	1.24	0	0	0	0	0
89.6	116.6	0.77	0	1	0	1	1
113.9	119.2	0.96	1	0	0	0	1
93.2	107.9	0.86	0	1	0	1	0
70.7	80	0.88	1	0	0	0	1
143.5	133.1	1.08	0	0	0	0	0
116	112.5	1.03	0	1	0	0	0
77.5	111.9	0.69	0	1	0	0	0
106.9	104.3	1.02	0	1	0	0	0
70.1	94.7	0.74	0	1	0	0	0
94.2	114.3	0.82	1	0	0	1	1
93.8	97.2	0.97	0	2	0	0	0
113.6	104	1.09	0	2	0	0	0
104.1	105.8	0.98	0	2	0	0	0
102.5	122.8	0.83	0	1	0	0	0
100.9	101.9	0.99	0	1	0	0	0
109.2	112	0.98	0	0	0	0	0
100.9	92.2	1.09	0	0	0	0	0
93.4	107.5	0.87	1	0	0	0	1
104.8	86.3	1.21	0	0	0	0	0
77.5	78.5	0.99	0	1	0	0	0

85	103.4	0.82	0	1	0	1	0
107.6	115	0.94	0	2	0	0	0
110.1	103.1	1.07	0	1	0	1	0
110.8	123.7	0.9	0	0	0	0	0
68	80.6	0.84	0	1	0	0	0
120.2	118.6	1.01	0	0	0	1	0
104.8	115.2	0.91	0	0	0	0	0
119.5	119.2	1	0	0	0	1	0
90.9	105.1	0.86	1	1	0	1	1
83.8	87.1	0.96	0	2	0	0	0
75.7	76.5	0.99	0	1	0	0	0
105.8	118.8	0.89	1	2	0	0	1
107.2	122.8	0.87	0	1	0	0	0
96.9	106.7	0.91	1	2	0	1	1
73.9	74.6	0.99	0	0	0	0	0
105.8	100.6	1.05	0	2	0	0	0
84.6	87.6	0.97	1	0	0	0	1
64.6	85.5	0.76	0	0	0	0	0
73.1	90.9	0.8	0	0	0	0	0
107.3	112.8	0.95	0	0	0	1	0
111	120.2	0.92	0	0	0	0	0
65.8	108	0.61	1	0	0	0	1
81.6	104.2	0.78	1	1	0	0	1
114.6	105.4	1.09	1	0	0	0	1
113.4	115.6	0.98	0	2	0	0	0
74.9	100	0.75	1	1	0	0	1
118	131.8	0.9	1	1	0	0	1
100.9	123.7	0.82	1	2	0	0	1
86.9	102.1	0.85	0	0	0	1	0
79.5	92.6	0.86	0	2	0	0	0
107.4	118.9	0.9	0	0	0	1	0
122	111	1.1	0	0	0	0	0
76	112.6	0.67	1	0	0	1	1
105.5	89.6	1.18	0	1	0	0	0
102.2	103.7	0.99	1	0	0	0	1
97.5	113.3	0.86	0	0	0	0	0
84.1	93.3	0.9	0	0	0	1	0
103.1	87.6	1.18	0	0	0	1	0
104.1	121.5	0.86	1	1	0	0	1
113.2	98	1.16	1	0	0	1	1
97.9	105.8	0.93	0	0	0	0	0
74.1	92.4	0.8	0	0	0	0	0
132.8	99.8	1.33	0	0	0	0	0
83	98.7	0.84	1	0	0	0	1
92.8	90.9	1.02	0	0	0	0	0
99.6	91.6	1.09	0	0	0	0	0
78	87.6	0.89	1	1	0	0	1
92.9	115.4	0.81	0	0	0	1	0
101.8	113.5	0.9	1	0	0	0	1
85.4	109.5	0.78	0	0	0	1	0

111	110.5	1	1	1	0	0	1
123.3	128.7	0.96	0	0	0	0	0
113.8	102.1	1.11	0	0	0	0	0
90.9	121.1	0.75	0	0	0	1	0
90.1	98.2	0.92	0	0	0	0	0
103	103.7	0.99	0	1	0	1	1
111.9	93.6	1.2	1	0	0	0	1
63.1	69.8	0.9	1	2	0	0	1
107.5	102.4	1.05	1	0	0	1	1
103.8	110.6	0.94	0	0	0	0	0
115.6	112.6	1.03	1	0	0	1	1
80	95.5	0.84	0	1	0	0	0
100.8	89.6	1.12	0	2	0	0	0
72.6	98.4	0.74	0	1	0	0	0
69	112.3	0.61	0	1	0	0	0
99.4	114	0.87	0	0	0	1	0
78.9	75.8	1.04	1	1	0	1	1
89.8	104.1	0.86	0	0	0	0	0
61.7	81.7	0.76	0	0	0	0	0
114.5	111	1.03	1	0	0	0	1
61.6	101.7	0.61	0	0	0	1	0
98.5	111.9	0.88	0	1	0	0	0
93.8	89.6	1.05	0	1	0	0	0
84.9	115.2	0.74	0	0	0	1	0
83.1	93.3	0.89	0	1	0	1	0
95.3	89	1.07	0	1	0	1	0
77.2	98.4	0.78	0	0	0	0	0
98	95.4	1.03	1	0	0	0	1
120.8	110.8	1.09	0	0	0	0	0
90.3	87.1	1.04	0	0	0	0	0
77.6	85.6	0.91	0	2	0	0	0
76.2	102.6	0.74	0	1	0	0	0
114.2	138.5	0.82	1	0	0	0	1
106	113.5	0.93	1	0	0	1	1
103.8	92.2	1.13	0	0	0	0	0
100.5	137.7	0.73	0	0	0	0	1
84.1	89.6	0.94	0	0	0	1	0
65.9	88.2	0.75	1	1	0	0	1
110.5	108.1	1.02	0	1	0	1	0
103.9	113.5	0.92	0	0	0	1	0
90.9	89.6	1.01	0	1	0	1	0
110.5	108.2	1.02	0	0	0	0	0
86.6	110.9	0.78	1	0	0	0	1
80.9	94	0.86	0	0	0	1	0
94.6	97	0.98	0	0	0	0	0
68.6	77.8	0.88	0	1	0	0	0
108.2	97.1	1.11	0	0	0	0	0
132.3	126.8	1.04	0	0	0	1	1
119.7	112.4	1.06	1	2	0	1	1
76.8	105.2	0.73	0	2	0	0	0

116.3	112.7	1.03	0	2	0	0	0
77.2	99.9	0.77	0	0	0	0	0
80.3	94.2	0.85	0	1	0	0	0
103.3	104.6	0.99	0	2	0	0	0
106.3	94	1.13	1	2	0	0	1
93.6	97.6	0.96	1	0	0	1	1
89.9	104	0.86	1	0	0	1	1
89.6	112.5	0.8	0	0	0	0	0
126.2	129	0.98	0	1	0	1	0
85.3	116.7	0.73	0	0	0	1	0
79.8	106.4	0.75	1	1	0	0	1
75.6	108.2	0.7	1	0	0	0	1
104.6	127.6	0.82	0	1	0	0	0
96.2	125.3	0.77	0	0	0	1	0
95	100.1	0.95	0	1	0	0	0
82.5	90.2	0.91	0	1	0	1	0
98.2	93.4	1.05	0	0	0	0	0
118.7	109.8	1.08	0	1	0	1	1
100.3	89.9	1.12	1	0	0	1	1
87.2	112.9	0.77	1	1	0	1	1
86.1	73.7	1.17	0	1	0	1	0
94.3	105.6	0.89	0	1	0	0	0
80.7	100.7	0.8	0	0	0	1	0
119.7	119.4	1	0	0	0	1	1
88.6	107	0.83	0	0	0	1	0
85	95.4	0.89	0	0	0	1	0
116.8	94.8	1.23	1	0	0	0	1
84.4	103.2	0.82	0	0	0	0	0
92.6	103.8	0.89	0	1	0	1	0
103.7	111.5	0.93	0	0	0	0	0
68.8	94.1	0.73	0	1	0	0	0
96.4	110.7	0.87	0	2	0	1	0
69.5	96	0.72	0	2	0	0	0
107	121.5	0.88	1	1	0	1	1
113.4	111.1	1.02	0	0	0	1	0
72.3	75.7	0.96	0	0	0	0	0
101.2	115.7	0.87	0	0	0	0	0
93.3	103.2	0.9	1	0	0	1	1
83.2	95.1	0.87	1	0	0	1	1
89.1	102.3	0.87	0	0	0	0	0
102.9	127.7	0.81	0	0	0	1	0
98.5	95.4	1.03	0	0	0	0	0
77.5	89.4	0.87	0	0	0	1	0
92.2	96.9	0.95	1	0	0	1	1
90.8	88	1.03	0	0	0	0	0
96.8	96.3	1.01	0	0	0	0	0
85.2	106.3	0.8	0	0	0	0	0
93.4	110.6	0.84	0	1	0	1	0
82.6	84.2	0.98	0	1	0	0	0
112.6	103.2	1.09	0	1	0	1	0

81	77.2	1.05	0	0	0	1	0
105.9	117.5	0.9	0	0	0	0	0
92.7	106.3	0.87	0	0	0	1	0
78	70.8	1.1	0	0	0	0	0
106.9	91.8	1.16	1	1	0	1	1
116.4	125.3	0.93	0	1	0	0	0
91.1	122.9	0.74	0	0	0	1	0
69.1	87.1	0.79	0	1	0	0	0
89.3	91	0.98	1	1	0	0	1
89.4	98.6	0.91	0	1	0	0	0
115.1	108.3	1.06	1	1	0	0	1
55.8	102.4	0.54	0	2	0	0	0
95.4	99.9	0.95	0	0	0	1	1
69.8	108.7	0.64	0	1	0	1	0
67.6	78.7	0.86	0	2	0	0	0
77	81.5	0.94	0	0	0	1	0
103.2	107.5	0.96	0	0	0	1	0
95.1	94	1.01	0	1	0	1	0
115.1	117.9	0.98	0	0	0	1	0
83.6	94.5	0.88	0	0	0	1	0
95.7	115.7	0.83	0	1	0	0	0
69.3	78.1	0.89	0	1	0	0	0
84.2	92.8	0.91	1	0	0	0	1
97	87.4	1.11	0	0	0	0	0
94.5	96.1	0.98	0	2	0	0	0
106.1	98.2	1.08	0	1	0	0	0
115.2	108.8	1.06	0	2	0	0	0
89.2	109.1	0.82	0	1	0	0	0
88.6	107.4	0.82	1	0	0	1	1
77.2	106.9	0.72	0	0	0	0	0
110	91	1.21	0	0	0	0	0
114.1	114.2	1	1	0	0	0	1
81.5	120.4	0.68	0	0	0	1	0
107	99.1	1.08	1	0	0	1	1
93.9	121	0.78	1	0	0	1	1
100.6	125.5	0.8	0	0	0	1	1
101.8	103	0.99	0	0	0	1	0
98	113.7	0.86	0	1	0	1	0
82.1	78.6	1.04	0	0	0	0	0
69.2	91.2	0.76	0	0	0	1	0
77.3	87.1	0.89	1	2	0	1	1
76.9	82.2	0.94	0	1	0	0	0
111	132.6	0.84	1	1	0	0	1
111.3	101.7	1.09	1	1	0	1	1
76	117.2	0.65	0	1	0	0	0
96.9	92.3	1.05	1	0	0	0	1
82.1	84.7	0.97	1	0	0	0	1
122.2	122	1	1	0	0	0	1
86.2	106.8	0.81	1	0	0	1	1
79.5	110.4	0.72	0	1	0	1	0

87.5	94.7	0.92	0	0	0	0	0
104.9	98.2	1.07	0	0	0	0	0
76.2	103.8	0.73	1	1	0	0	1
112.2	105	1.07	0	1	0	0	0
120.1	119.3	1.01	1	0	0	1	1
77.1	75.5	1.02	0	0	0	0	0
98.8	123.3	0.8	0	0	0	1	0
82.2	128.1	0.64	1	0	0	0	1
90.4	95	0.95	0	0	0	1	1
106.4	130.4	0.82	0	1	0	0	0
103.7	114.5	0.91	0	1	0	0	0
103.7	117.4	0.88	1	0	0	1	1
76.4	96.1	0.8	1	0	0	0	1
101.1	116.1	0.87	0	2	0	0	0
85.5	112.9	0.76	0	0	0	1	0
100.5	113.3	0.89	0	1	0	0	0
78.9	72.6	1.09	0	0	0	0	0
93.3	95.7	0.97	1	0	0	1	1
113.2	132.3	0.86	0	0	0	1	0
79.7	99.1	0.8	1	1	0	1	1
104	89.7	1.16	0	1	0	0	0
119	108.4	1.1	1	0	0	0	1
90.8	114.9	0.79	0	0	0	1	0
106.3	118.2	0.9	1	0	0	1	1
76.9	113.4	0.68	1	0	0	0	1
92.7	96.9	0.96	0	0	0	1	0
108.1	118.6	0.91	0	1	0	0	0
90.8	111.3	0.82	0	0	0	0	0
135.9	130	1.05	1	0	0	0	1
59.1	101.9	0.58	1	0	0	1	1
86.2	76.3	1.13	0	0	0	0	0
85.7	89.3	0.96	0	0	0	1	0
95.3	110.5	0.86	1	0	0	1	1
101	84.7	1.19	1	0	0	1	1
75	106.4	0.7	1	1	0	0	1
105.3	108.5	0.97	1	0	0	0	1
99.5	91.2	1.09	0	1	0	0	0
107.8	116.3	0.93	1	0	0	1	1
81.6	86.9	0.94	1	0	0	1	1
104.1	127.5	0.82	0	1	0	0	0
91.4	119.2	0.77	1	0	0	1	1
89.2	113.9	0.78	0	1	0	0	0
93.3	120.7	0.77	0	1	0	0	0
85.6	104.2	0.82	0	1	0	0	0
87.9	107.4	0.82	0	1	0	1	0
73	96.6	0.76	1	0	0	1	1
92.1	97.7	0.94	1	2	0	0	1
98	105.6	0.93	1	0	0	1	1
100.1	105.4	0.95	0	1	0	1	1
95	115.8	0.82	0	0	0	1	0

87.7	97.4	0.9	1	0	0	1	1
56.6	82.7	0.68	0	2	0	0	0
131.9	117.9	1.12	0	1	0	0	0
96.1	84.8	1.13	0	1	0	0	0
107.6	107.3	1	0	0	0	0	0
72	76.1	0.95	0	1	0	0	0
89.7	109	0.82	0	0	0	1	0
79.6	110	0.72	1	1	0	0	1
64	80.1	0.8	0	2	0	0	0
93.9	112.2	0.84	1	0	0	0	1
84.2	115.9	0.73	1	0	0	0	1
87	87.3	1	0	0	0	1	0
90.3	105.2	0.86	1	0	0	0	1
78.9	86.6	0.91	1	2	0	0	1
79.4	78.4	1.01	0	0	0	1	0
95.6	108.9	0.88	1	2	0	1	1
80.6	89.8	0.9	1	1	0	0	1
91	80.9	1.12	0	0	0	0	0
92.8	96.5	0.96	0	1	0	1	0
100.4	104	0.97	1	0	0	1	1
88.1	96.9	0.91	0	0	0	0	0
73.9	103.3	0.72	0	0	0	0	0
93.1	119.9	0.78	1	0	0	0	1
87.2	104.5	0.83	0	1	0	1	0
79.3	102.3	0.78	1	0	0	0	1
109.4	113	0.97	0	1	0	1	0
85.7	87.7	0.98	0	0	0	0	0
57.6	99.2	0.58	0	1	0	0	0
113.9	99.8	1.14	0	0	0	1	0
102.6	116	0.88	0	0	0	1	1
106	79.2	1.34	0	0	0	0	0
93.3	89.2	1.05	1	1	0	0	1
82.3	95	0.87	1	2	0	0	1
83.5	105	0.8	0	0	0	0	0
103	111.5	0.92	1	1	0	0	1
107.1	107.5	1	1	1	0	0	1
120	126.8	0.95	1	0	0	1	1
104.4	115.9	0.9	0	0	0	1	0
60.6	91.6	0.66	0	0	0	0	0
67.1	89.5	0.75	0	2	0	1	0
108.3	103.2	1.05	0	0	0	0	0
60.6	69.5	0.87	1	0	0	1	1
82.6	112.7	0.73	0	1	0	0	0
116.4	123.3	0.94	0	0	0	1	0
80.3	81.5	0.99	0	1	0	1	0
108.7	108.9	1	1	0	0	0	1
92.8	119.7	0.78	1	1	0	0	1
83.2	93	0.89	1	1	0	0	1
59.7	101.8	0.59	1	0	0	0	1
90.8	136.2	0.67	0	0	0	0	0

103.9	115.3	0.9	0	0	0	0	0
93.4	86.6	1.08	1	1	0	0	1
97.3	89.4	1.09	1	0	0	0	1
67.4	99.6	0.68	1	1	0	0	1
69.2	97.3	0.71	1	0	0	0	1
104.9	96.4	1.09	0	0	0	0	0
112.7	110.9	1.02	1	0	0	1	1
110.7	109.2	1.01	0	0	0	0	0
73	102.5	0.71	1	0	0	1	1
78.3	115.1	0.68	0	1	0	0	0
75.7	85.8	0.88	0	0	0	0	0
67.4	104.9	0.64	0	0	0	0	0
93.9	96.5	0.97	0	0	0	0	0
113	104	1.09	1	1	0	0	1
88.4	111.5	0.79	0	0	0	1	0
102.5	112.1	0.91	1	1	0	0	1
59.5	100.8	0.59	0	1	0	0	0
81.5	79.5	1.03	0	0	0	1	0
123	130.6	0.94	0	2	0	0	0
98.4	105	0.94	0	0	0	0	0
78	79.9	0.98	0	0	0	0	0
90.5	115	0.79	0	2	0	0	0
98.7	125.4	0.79	1	0	0	0	1
103	104.8	0.98	0	1	0	0	0
80.3	102.3	0.78	0	0	0	1	0
77.9	93.1	0.84	0	0	0	0	0
117.6	87.9	1.34	0	1	0	1	0
84	109.2	0.77	1	0	0	0	1
97.5	114.1	0.85	0	0	0	0	0
82	108.3	0.76	0	0	0	1	0
83.6	87.1	0.96	0	0	0	0	0
121.4	123	0.99	0	0	0	0	1
90.7	103.7	0.87	0	0	0	0	0
103.3	114.5	0.9	1	1	0	0	1
88.7	96.8	0.92	0	0	0	0	0
99.2	110.2	0.9	0	0	0	1	0
99.3	96.7	1.03	1	1	0	0	1
63	72.3	0.87	0	0	0	1	0
83	87.3	0.95	0	0	0	0	0
95.3	100.5	0.95	0	1	0	1	0
75	89.5	0.84	0	1	0	1	0
93.8	104.4	0.9	1	1	0	0	1
111.2	122.5	0.91	0	2	0	1	0
127.8	104.2	1.23	0	0	0	1	1
107.7	112.5	0.96	0	0	0	0	0
113.6	105.6	1.08	0	0	0	0	0
108.1	111.6	0.97	1	2	0	0	1
100.6	108.8	0.92	1	0	0	0	1
97.8	98.5	0.99	0	2	0	1	0
80.3	106.7	0.75	1	0	0	0	1



105.4	110.8	0.95	0	1	0	0	0
97.5	90.6	1.08	0	2	0	1	0
101.2	98.8	1.02	0	0	0	0	0
106.3	115.8	0.92	1	1	0	0	1
110.8	105.1	1.05	1	1	0	1	1
111.5	130.7	0.85	0	0	0	1	0
97.1	95.4	1.02	0	1	0	1	0
84.9	96	0.88	1	0	0	1	1
96.4	103.1	0.94	0	0	0	0	0
83	106.6	0.78	0	0	0	1	0
125.8	120.2	1.05	0	1	0	0	0
63.5	94	0.68	0	0	0	0	0
96.6	103.3	0.94	0	0	0	1	0
103.1	110	0.94	0	0	0	0	0
96.5	73.6	1.31	0	0	0	0	0
109.6	102.7	1.07	1	1	0	0	1
90	84.2	1.07	0	0	0	0	0
88.1	94.1	0.94	0	0	0	0	0
114.3	116.3	0.98	0	0	0	0	0
89.3	91.4	0.98	0	0	0	1	0
106.2	102.7	1.03	0	0	0	0	0
102.5	104.1	0.98	0	0	0	0	0
92.7	92	1.01	1	1	0	1	1
100.7	113	0.89	0	0	0	0	0
89.7	132.9	0.67	1	0	1	1	1
102.1	81.8	1.25	0	0	0	0	0
119	135.9	0.88	1	0	0	0	1
86.2	95.5	0.9	0	2	0	1	0
122.9	146.9	0.84	0	1	0	1	1
86.5	97.2	0.89	0	0	0	1	0
93.7	108.7	0.86	1	0	0	0	1
95.8	84	1.14	0	0	0	1	0
84.5	113.8	0.74	0	1	0	0	0
89.2	99.4	0.9	0	1	0	1	0
113.2	109.1	1.04	0	2	0	0	0
101.9	109.9	0.93	1	0	0	0	1
92.5	122.6	0.75	1	0	0	1	1
78.5	101.8	0.77	0	2	0	0	0
90.2	103.8	0.87	0	0	0	1	1
92.7	93.9	0.99	0	1	0	1	0
101.2	94.1	1.08	1	0	0	1	1
89.2	105.2	0.85	0	2	0	0	0
112.3	111.3	1.01	0	0	0	0	0
100.2	108.4	0.92	1	0	0	0	1
82.9	107.3	0.77	0	0	0	0	0
88.5	104.7	0.85	0	1	0	0	0
74.1	88.3	0.84	0	0	0	0	0
108.8	95	1.15	0	0	0	1	0
107.3	92.8	1.16	0	1	0	1	0
101.5	107.4	0.95	0	0	0	0	0

79.5	93.2	0.85	1	2	0	0	1
82.9	87.3	0.95	0	0	0	1	0
111.8	84.3	1.33	0	0	0	1	0
58.2	87	0.67	0	0	0	0	0
91.4	95.9	0.95	1	0	0	0	1
100.1	114	0.88	0	1	0	0	0
88.1	89.6	0.98	0	1	0	0	0
89.8	112.4	0.8	1	0	0	0	1
96.1	108.2	0.89	0	0	0	0	0
94.8	93.8	1.01	0	0	0	0	0
105	109.5	0.96	1	1	0	0	1
115.1	110.6	1.04	0	0	0	1	1
72.2	78	0.93	0	1	0	1	0
98.2	87.6	1.12	1	1	0	0	1
106.3	144.6	0.74	0	1	0	0	0
94.3	124.6	0.76	0	0	0	0	0
90.8	95.7	0.95	0	0	0	0	0
88.2	98.8	0.89	1	1	0	1	1
106.5	132.4	0.8	1	0	0	1	1
80.9	95.7	0.85	0	1	0	1	0
111	125.6	0.88	0	0	0	0	0
85.8	122.4	0.7	0	1	0	1	0
80.5	98.4	0.82	1	0	0	0	1
103.2	105.2	0.98	0	1	0	0	0
102.9	115.7	0.89	0	0	0	1	0
88.5	96.4	0.92	0	2	0	1	0
109.1	128.5	0.85	1	0	0	0	1
70	97.8	0.72	1	0	0	0	1
93.4	128.6	0.73	0	0	0	0	0
106.7	108.2	0.99	0	2	0	0	0
101.6	112.7	0.9	0	0	0	1	1
92.2	108.4	0.85	1	1	0	0	1
75	86.4	0.87	0	0	0	1	0
108.3	120.5	0.9	0	0	0	0	0
112.2	122.1	0.92	1	0	0	1	1
113	91.7	1.23	0	0	0	1	0
91.5	73.8	1.24	0	0	0	0	0
113.7	111.6	1.02	0	1	0	1	1
97.4	108.9	0.89	0	0	0	1	0
102.5	107.9	0.95	0	0	0	0	0
79.5	77.4	1.03	0	0	0	0	0
89.3	117	0.76	0	0	0	0	0
68.9	88.3	0.78	0	1	0	1	0
112.6	109.5	1.03	0	0	0	0	0
116.8	126.6	0.92	0	0	0	1	0
110.6	115	0.96	1	0	0	1	1
91.9	84	1.09	0	0	0	0	0
94.1	104.7	0.9	0	1	0	0	0
66.2	76	0.87	1	0	0	0	1
90.4	107.1	0.84	0	2	0	0	0

97	98.9	0.98	0	0	0	1	0
77.3	99.6	0.78	0	0	0	1	1
124.6	109.9	1.13	0	2	0	0	0
71.9	112.7	0.64	1	1	0	1	1
90.4	103.7	0.87	0	0	0	1	0
110.4	122.1	0.9	0	0	0	0	0
98.7	84.2	1.17	0	0	0	1	0
89.8	107.8	0.83	0	0	0	1	0
103.6	89.7	1.15	0	0	0	0	0
90.4	117.3	0.77	0	1	0	1	0
84.3	78.2	1.08	1	0	0	0	1
94.1	84.2	1.12	1	1	0	1	1
101.3	105.8	0.96	0	0	0	0	0
90.4	81.1	1.11	0	0	0	1	0
73.6	90.9	0.81	1	0	0	0	1
107.8	109.8	0.98	0	0	0	1	0
103.2	98.6	1.05	1	1	0	1	1
122.6	122	1	1	0	0	0	1
91.7	118.2	0.78	0	1	0	1	0
91.1	112.4	0.81	0	1	0	1	0
81.7	83.6	0.98	1	0	0	1	1
78.2	83.2	0.94	0	1	0	0	0
78.9	88.6	0.89	0	1	0	0	0
71.8	93.7	0.77	1	1	0	0	1
86.1	105.9	0.81	0	1	0	1	0
67	97.4	0.69	0	0	0	0	0
86.6	129.2	0.67	0	1	0	0	0
78.5	115	0.68	1	0	0	1	1
90.5	105.1	0.86	0	2	0	0	0
91.4	109.5	0.83	0	0	0	0	0
115	100.6	1.14	0	1	0	0	0
99.8	128.8	0.77	1	2	0	1	1
125.1	124.7	1	0	0	0	0	0
76.1	96.1	0.79	0	1	0	1	0
105.3	101.7	1.04	1	0	0	1	1
88.7	113.8	0.78	0	0	0	0	0
97.9	125.5	0.78	0	1	0	0	0
95.4	107.2	0.89	1	0	0	0	1
89.6	103.7	0.86	0	0	0	1	0
96.4	91.2	1.06	0	0	0	1	0
90.2	96.9	0.93	1	0	0	1	1
72.6	91.9	0.79	0	1	0	0	0
76.7	74.5	1.03	0	1	0	1	0
106.1	101.2	1.05	1	0	0	0	1
133.2	122.6	1.09	1	0	0	1	1
116.8	117.7	0.99	0	2	0	0	0
115.7	113.3	1.02	0	0	0	0	0
88.3	95.1	0.93	0	0	0	0	0
84.1	104.1	0.81	0	1	0	0	0
47	96.3	0.49	0	1	0	1	0

77.2	93.3	0.83	0	2	0	0	0
95.7	117	0.82	0	1	0	0	0
82.8	94	0.88	0	0	0	0	0
102	90.6	1.13	0	1	0	0	0
108.1	113.7	0.95	0	0	0	1	1
75.5	84.5	0.89	1	1	0	1	1
80	97.4	0.82	1	0	0	0	1
112	108.8	1.03	0	0	0	0	0
99.4	80.7	1.23	1	0	0	0	1
105	123	0.85	0	0	0	1	1
95.7	119.7	0.8	1	1	0	1	1
76.2	99.3	0.77	1	0	0	1	1
66.8	98.5	0.68	0	0	0	0	0
108	101.7	1.06	0	0	0	1	0
74	67.2	1.1	0	0	0	1	0
67	93.2	0.72	1	0	0	1	1
84.3	115.5	0.73	0	1	0	1	1
88	96	0.92	0	0	0	0	0
105.4	95.7	1.1	0	0	0	0	0
84.5	93	0.91	0	0	0	0	0
94.7	105.7	0.9	0	0	0	0	0
99.9	99.5	1	1	0	0	1	1
87.5	88.1	0.99	0	1	0	1	0
80.6	99.3	0.81	1	1	0	1	1
104.3	103.4	1.01	0	0	0	1	0
113.2	128	0.88	0	1	0	0	0
102.2	109.3	0.94	1	0	0	0	1
111.7	104.5	1.07	0	2	0	1	0
88.1	102.5	0.86	0	0	0	0	0
69.1	54.8	1.26	1	0	0	0	1
123.1	113.4	1.09	1	0	0	0	1
100.9	113.4	0.89	0	0	0	1	0
114.6	110	1.04	0	0	0	1	0
99.5	85.7	1.16	0	0	0	0	0
69.8	84.2	0.83	0	0	0	1	0
84.2	113.5	0.74	0	0	0	0	0
95.6	129.4	0.74	0	1	0	0	0
72.2	100	0.72	0	0	0	0	0
87.8	102.5	0.86	1	1	0	1	1
69.7	76.7	0.91	0	0	0	0	0
87.3	99.8	0.87	1	0	0	0	1
82.4	85.2	0.97	0	0	0	0	0
82.1	106	0.77	0	0	0	1	0
100.1	102.2	0.98	1	2	0	1	1
67.7	106.8	0.63	1	0	0	0	1
90.7	95.6	0.95	0	0	0	0	0
81.7	109.6	0.75	0	0	0	0	0
128.1	126.7	1.01	0	1	1	1	1
93.5	112.9	0.83	0	0	0	1	0
93.6	109	0.86	1	1	0	1	1

81.8	102.7	0.8	1	1	0	0	1
110.5	97.9	1.13	1	0	0	1	1
58.7	111.3	0.53	0	1	0	0	0
91	76.5	1.19	0	0	0	1	0
128.3	125.8	1.02	0	2	0	1	1
81	97.1	0.83	1	2	0	0	1
96.4	114.9	0.84	0	1	0	0	0
73.8	107.6	0.69	1	0	0	1	1
71.8	77.5	0.93	1	0	0	0	1
90.6	91.6	0.99	0	0	0	1	0
88.6	88.2	1	0	0	0	1	0
96.9	123.3	0.79	1	0	0	1	1
85.9	94.6	0.91	0	0	0	0	0
82.9	96.2	0.86	0	1	0	1	0
101.9	91.6	1.11	1	1	0	1	1
96	109.3	0.88	0	0	0	0	0
77.8	99.5	0.78	0	0	0	0	0
78.1	79.4	0.98	0	1	0	0	0
86.6	118.6	0.73	0	1	0	0	0
105.5	116.7	0.9	0	0	0	0	0
79	94.4	0.84	1	1	0	0	1
84.8	80.9	1.05	1	2	0	0	1
85.3	130.2	0.66	0	0	0	0	0
87.6	111.4	0.79	0	0	0	0	0
122.8	118.2	1.04	0	0	0	1	0
84.4	116	0.73	0	1	0	0	0
97.4	96.2	1.01	1	1	0	1	1
107	104.1	1.03	0	2	0	1	0
102.5	75.1	1.36	0	1	0	0	0
74.5	122	0.61	1	0	0	0	1
110.9	117.2	0.95	0	0	0	1	0
92.9	101.8	0.91	1	0	0	0	1
90.2	102.9	0.88	0	0	0	0	0
65.7	97.9	0.67	1	0	0	0	1
79.9	89.9	0.89	1	0	0	1	1
110.9	106.1	1.05	1	0	0	0	1
89.3	101.9	0.88	0	0	0	0	0
107.8	122.1	0.88	1	0	0	0	1
84.8	105	0.81	1	0	0	0	1
93.2	91.5	1.02	0	0	0	0	0
84.1	109.5	0.77	1	0	0	0	1
93.4	74.4	1.26	1	0	0	0	1
95.3	120	0.79	0	1	0	0	0
76.3	99.4	0.77	0	1	0	0	0
78	113.1	0.69	0	1	0	0	0
88.6	95.7	0.93	0	1	0	1	0
86.8	100.5	0.86	1	1	0	1	1
106.1	129.3	0.82	0	0	0	1	0
86.4	82.1	1.05	0	1	0	1	0
80.9	83.7	0.97	0	0	0	1	0

100.5	91.1	1.1	1	0	0	0	1
88.5	103.1	0.86	0	0	0	0	0
100.9	117.6	0.86	0	0	0	0	0
80.3	111.5	0.72	0	1	0	0	0
106.7	110.2	0.97	0	1	0	0	0
111.4	131.6	0.85	0	0	0	0	0
82.7	95	0.87	1	0	0	1	1
104.7	121.8	0.86	1	0	0	0	1
114.5	94.1	1.22	1	0	0	0	1
79.7	91.3	0.87	0	0	0	1	0
80.7	100.7	0.8	0	0	0	1	0
80.8	84.2	0.96	0	0	0	0	0
90.1	98.8	0.91	0	2	0	1	0
94.4	92.3	1.02	1	1	0	0	1
101.1	99.5	1.02	0	1	0	1	1
91.9	114	0.81	0	0	0	1	0
95.1	102.9	0.92	0	0	0	0	0
95.8	99.8	0.96	1	1	0	1	1
83.9	88.2	0.95	0	0	0	0	0
96.8	119.4	0.81	0	0	0	1	0
77.9	103.8	0.75	0	0	0	0	0
87.4	103.3	0.85	0	0	0	1	0
97.7	92.2	1.06	0	0	0	0	0
93.9	100.6	0.93	0	0	0	1	0
81	96.6	0.84	1	0	0	0	1
100	109.6	0.91	1	0	0	0	1
79.4	77.4	1.03	0	0	0	0	0
85.6	99.4	0.86	1	0	0	0	1
103.3	80.8	1.28	0	0	0	1	0
71.6	112.9	0.63	0	0	0	0	0
96.4	91	1.06	0	2	0	0	0
99.4	114.7	0.87	1	0	0	0	1
78.6	96.5	0.81	0	1	0	1	1
89.7	98.1	0.91	0	0	0	0	0
102.8	113.1	0.91	1	1	0	1	1
88.1	105.2	0.84	0	0	0	1	0
73.1	65.7	1.11	0	0	0	1	0
107.7	107.5	1	1	0	0	1	1
107.1	102.8	1.04	0	0	0	0	0
100.8	89.5	1.13	1	1	0	0	1
92	103.2	0.89	1	0	0	0	1
106.2	102.6	1.04	0	1	0	1	0
91.5	97	0.94	1	1	0	0	1
76.7	97.4	0.79	1	1	0	0	1
109	109.3	1	0	1	0	0	0
104.7	102.3	1.02	1	1	0	0	1
67.3	83.4	0.81	0	1	0	1	0
94.5	110.6	0.85	1	1	0	0	1
103.6	100.2	1.03	0	0	0	1	0
64.2	86.2	0.74	0	1	0	1	0

71.1	100.2	0.71	0	1	0	0	0
92.5	111.5	0.83	0	0	0	0	0
87.5	96.5	0.91	0	0	0	1	0
79.3	99.4	0.8	1	1	0	1	1
58.2	79	0.74	0	0	0	1	0
83	92.7	0.9	0	2	0	0	0
91.9	98.5	0.93	1	1	0	0	1
94.5	87.9	1.08	1	0	0	1	1
119.2	109.7	1.09	0	0	0	1	0
110	103.8	1.06	0	1	0	0	0
113.5	111.5	1.02	0	0	0	1	1
87	88.1	0.99	1	0	0	1	1
90.1	90.7	0.99	0	0	0	1	0
80.3	109.2	0.74	0	0	0	0	0
94.3	91.8	1.03	1	0	0	0	1
85.7	102.6	0.84	0	0	0	0	0
89.7	82.3	1.09	0	1	0	1	0
72.7	82	0.89	0	1	0	1	0
112.4	84.9	1.32	0	0	0	1	0
81.7	109.4	0.75	0	1	0	1	0
92.8	93.9	0.99	0	0	0	0	0
108.5	100	1.08	0	0	0	1	0
90.8	112.6	0.81	0	1	0	0	0
105.7	103.9	1.02	0	0	0	0	0
77.1	98.7	0.78	0	1	0	0	0
97.9	103.9	0.94	1	0	0	0	1
104.2	115.2	0.9	0	0	0	0	0
92	119.8	0.77	0	1	0	0	0
120.2	109.6	1.1	0	0	0	0	0
86.9	108.4	0.8	0	0	0	1	1
103.7	132.7	0.78	0	1	0	0	0
88.6	106.5	0.83	0	0	0	0	0
110.9	108.7	1.02	0	2	0	1	0
102.6	93.3	1.1	0	1	0	1	0
79.8	79.4	1.01	1	0	0	0	1
81.1	83.3	0.97	1	1	0	0	1
106.6	130.9	0.81	0	1	0	1	0
78.6	96.6	0.81	0	1	0	1	0
85.5	106.5	0.8	0	2	0	0	0
95.7	93.2	1.03	1	0	0	1	1
105.9	111.1	0.95	0	0	0	0	0
82.9	100	0.83	0	2	0	0	0
77	84.8	0.91	0	1	0	1	0
109.5	94.2	1.16	0	2	0	1	0
104.8	83.1	1.26	0	0	0	0	0
88.4	96.8	0.91	0	1	0	0	0
95.2	101.9	0.93	1	0	0	0	1
65.7	93.3	0.7	0	1	0	1	0
133.3	135.6	0.98	0	0	0	1	0
93.8	93	1.01	1	1	0	0	1

71.9	79.3	0.91	1	0	0	1	1
105.4	131.8	0.8	1	2	0	0	1
81.8	110	0.74	1	0	0	1	1
113.8	93.4	1.22	0	1	0	0	0
95.3	120	0.79	1	0	0	1	1
83.3	80.3	1.04	0	0	0	0	0
105.3	100.9	1.04	0	0	0	0	0
91.1	110.3	0.83	0	1	0	0	0
99.3	107.1	0.93	1	0	0	1	1
92.5	99.9	0.93	0	1	0	0	0
51.1	84.8	0.6	0	0	0	0	0
120.9	123.2	0.98	1	0	0	0	1
88.3	91.4	0.97	1	0	0	0	1
128	114.3	1.12	0	0	0	0	0
104.9	99.1	1.06	1	1	0	0	1
98.2	83.1	1.18	0	1	0	0	0
80.7	96.7	0.83	0	1	0	0	0
90	108.6	0.83	0	0	0	0	0
83.9	95	0.88	1	2	0	0	1
115.3	107.8	1.07	0	1	0	1	1
93	80.2	1.16	0	0	0	0	0
112.5	104.8	1.07	0	1	0	1	0
117.5	107.4	1.09	0	0	0	1	0
105.5	101.1	1.04	0	0	0	1	0
94.8	91.9	1.03	0	1	0	0	0
82.1	85.2	0.96	0	2	0	0	0
105.8	87.4	1.21	0	0	0	0	0
101	108.7	0.93	1	1	0	0	1
94.9	108.7	0.87	0	0	0	1	0
92.5	100	0.92	0	1	0	0	0
112.6	110.4	1.02	0	1	0	0	0
104	115.3	0.9	0	0	0	1	0
100.3	102.7	0.98	0	1	0	0	0
78.8	93.9	0.84	0	1	0	1	0
81.1	79.8	1.02	0	1	0	0	0
99.7	99.4	1	0	1	0	0	0
57.3	93.8	0.61	0	0	0	0	0
98.7	118.8	0.83	1	1	0	1	1
68.2	114.2	0.6	1	0	0	1	1
74	96	0.77	0	0	0	1	0
104.3	91.2	1.14	0	1	0	1	0
81.2	98	0.83	0	1	0	0	0
96.4	116.2	0.83	0	1	0	1	0
90.3	89.6	1.01	0	2	0	0	0
112.3	101.3	1.11	0	0	0	0	0
110.2	98.7	1.12	0	0	0	0	0
99.1	115.5	0.86	1	2	0	1	1
62.3	100.7	0.62	1	1	0	1	1
98.7	112.2	0.88	0	0	0	1	0
110.6	101.1	1.09	0	0	0	1	0



77.2	97.9	0.79	0	1	0	1	0
115.2	122.6	0.94	0	0	0	0	1
104.6	102.2	1.02	1	1	0	0	1
62.4	90	0.69	1	0	0	0	1
81.3	106.8	0.76	0	0	0	1	0
77.2	106	0.73	1	1	0	1	1
81.9	91.8	0.89	0	0	0	1	0
131.7	98.4	1.34	0	0	0	1	0
108.4	98.9	1.1	1	0	0	0	1
85.2	78.8	1.08	0	0	0	1	0
90.7	96.3	0.94	0	0	0	0	0
106.5	104	1.02	0	1	0	1	0
101.1	90.5	1.12	1	0	0	1	1
83.1	99.5	0.84	0	0	0	1	0
126.4	124.9	1.01	0	0	0	0	0
109.8	78.6	1.4	1	0	0	1	1
101	106.2	0.95	0	0	0	1	1
81.5	112.1	0.73	0	0	0	0	0
91	111.7	0.81	0	0	0	0	0
78.9	89	0.89	0	1	0	0	0
72.9	99.9	0.73	0	1	0	1	0
89.9	85.3	1.05	1	0	0	1	1
111.4	96.6	1.15	0	0	0	0	0
79.9	104.2	0.77	0	0	0	0	0
107.9	112.3	0.96	0	0	0	1	0
78	97.7	0.8	0	0	0	0	0
76	115.6	0.66	1	0	0	1	1
75.4	103.5	0.73	0	0	0	0	1
110.1	91.8	1.2	0	0	0	0	0
101.5	83.6	1.21	0	0	0	0	0
101.8	129.4	0.79	0	0	0	1	0
127.2	107.3	1.19	0	0	0	0	0
98.1	105.1	0.93	0	1	0	1	0
104.9	97.5	1.08	1	1	0	1	1
100.9	125.6	0.8	1	2	0	0	1
126.2	129.5	0.97	0	1	0	0	0
81.7	96.9	0.84	1	0	0	0	1
69.7	76.3	0.91	0	0	0	0	0
97.9	88.3	1.11	0	0	0	1	0
114.6	123.9	0.92	0	0	0	0	0
87.6	116.1	0.75	0	0	0	0	0
55.9	79.4	0.7	1	0	0	1	1
80.2	96.8	0.83	0	2	0	1	0
102.9	93.3	1.1	1	0	0	0	1
92.7	113.6	0.82	1	0	0	0	1
94.7	110.8	0.85	0	0	0	0	0
93.8	100.6	0.93	0	0	0	0	0
81.1	100	0.81	0	1	0	0	0
73.3	99.2	0.74	0	1	0	0	0
111.2	105.8	1.05	0	0	0	0	0

95.9	90	1.07	1	0	0	0	1
87.1	87.6	0.99	0	1	0	0	0
88.7	97.1	0.91	1	0	0	1	1
72.9	94.4	0.77	0	0	0	0	0
86.9	108.4	0.8	0	0	0	0	0
86.6	93.5	0.93	0	0	0	0	0
127.4	127.6	1	0	1	0	1	1
94.3	95.2	0.99	0	0	0	1	0
65.6	101.4	0.65	0	0	0	0	0
74.3	98.7	0.75	0	2	0	0	0
84.7	103.4	0.82	0	0	0	0	0
118.2	114.3	1.03	0	0	0	1	0
111	117.9	0.94	0	0	0	0	0
75.2	89.5	0.84	0	1	0	0	0
58.7	92.3	0.64	0	1	0	1	0
94.7	106.8	0.89	0	0	0	0	0
103	123	0.84	0	1	0	0	0
94.2	94.8	0.99	0	1	0	1	0
121.7	118.1	1.03	1	1	0	1	1
66.3	82.1	0.81	0	0	0	0	0
87.7	104.1	0.84	0	0	0	1	0
78.9	110.4	0.71	1	0	0	1	1
103.5	85.7	1.21	0	0	0	0	0
85.3	101.1	0.84	0	0	0	1	0
126.3	126.4	1	1	0	0	0	1
96.5	95.9	1.01	0	1	0	0	0
69.5	99.4	0.7	0	1	0	0	0
85.9	109.8	0.78	1	0	0	0	1
109.2	115.6	0.94	1	0	0	1	1
78.6	78.7	1	1	0	0	1	1
89.2	79.5	1.12	0	1	0	1	0
104.6	77.9	1.34	0	1	0	0	0
88.4	108.7	0.81	0	1	0	1	0
84	96.5	0.87	0	1	0	0	0
123.3	125.1	0.99	1	1	0	0	1
119.8	113.8	1.05	0	2	0	0	0
97.9	86.5	1.13	1	0	0	1	1
66.7	86.6	0.77	0	2	0	0	0
103.8	87.8	1.18	0	1	0	1	1
103.1	123	0.84	0	0	0	0	1
92	98.6	0.93	1	0	0	1	1
109.5	84.2	1.3	0	0	0	0	0
93.1	92.1	1.01	0	0	0	1	0
81.9	79.3	1.03	1	0	0	0	1
99.2	117.9	0.84	0	1	0	0	0
78.1	103.5	0.75	0	0	0	1	0
106.8	104.2	1.02	1	1	0	0	1
75.5	84.8	0.89	0	2	0	0	0
88.8	122.5	0.72	0	0	0	0	0
109.2	116.1	0.94	0	2	0	1	0

64.7	73.2	0.88	0	0	0	0	0
108.3	98.3	1.1	1	1	0	1	1
78.4	109.1	0.72	0	2	0	0	0
84.1	108.8	0.77	0	0	0	0	0
77.2	106.7	0.72	1	0	0	1	1
79.4	103.9	0.76	0	0	0	0	0
96.5	86.8	1.11	1	0	0	0	1
86.3	94.6	0.91	0	1	0	1	0
86.3	108.8	0.79	0	0	0	0	0
125.3	98.1	1.28	1	1	0	1	1
102.4	105.3	0.97	1	1	0	1	1
45.2	78.1	0.58	0	0	0	1	0
104.5	106.1	0.98	0	1	0	0	0
89.4	111.8	0.8	0	1	0	0	0
103.6	84.6	1.22	0	1	0	0	0
94.1	126.4	0.74	0	0	0	1	0
68.9	70.1	0.98	0	0	0	0	0
89.2	107.2	0.83	0	0	0	1	0
85.2	102	0.84	0	0	0	0	0
86.7	102.5	0.85	0	2	0	0	0
104.2	101.3	1.03	0	1	0	0	0
96.5	99.3	0.97	0	0	0	1	0
86	87.8	0.98	0	0	0	0	0
114.2	95.7	1.19	0	1	0	1	0
92	101.8	0.9	0	0	0	0	0
94.1	110.6	0.85	0	0	0	0	0
101.9	107.4	0.95	0	2	0	0	0
123.7	119.8	1.03	0	0	0	0	0
93.1	105.2	0.88	0	0	0	1	0
77.7	83.8	0.93	1	0	0	1	1
100.6	119.4	0.84	0	2	0	0	0
118.1	113.3	1.04	0	0	0	0	0
92.8	112.5	0.82	0	2	0	0	0
115.8	116.8	0.99	0	0	0	1	0
86.7	80.2	1.08	0	0	0	0	0
111.7	91.2	1.22	0	0	0	0	0
92.6	110.7	0.84	1	0	0	0	1
84	121	0.69	1	2	0	1	1
99.6	109.6	0.91	1	2	0	1	1
110.3	121.5	0.91	1	0	0	1	1
73.9	90.6	0.82	1	0	0	0	1
92.5	80.6	1.15	0	0	0	0	0
114	125.9	0.91	0	0	0	0	0
111.9	115.8	0.97	1	1	0	1	1
104.3	87.9	1.19	0	1	0	0	0
102.6	133.2	0.77	0	1	0	0	0
107.1	132.5	0.81	0	0	0	0	0
100.6	79.3	1.27	0	1	0	0	0
43.6	93.6	0.47	0	1	0	1	0
49	89.1	0.55	0	0	0	1	0

74.1	101.8	0.73	0	0	0	0	0
117.6	125.6	0.94	1	0	0	1	1
115.2	114.4	1.01	1	1	0	0	1
98.8	98	1.01	0	2	0	1	0
99.1	91.1	1.09	1	2	0	1	1
96.3	102.7	0.94	0	1	0	1	0
103.4	105.8	0.98	0	0	0	1	0
94	83.9	1.12	0	0	0	0	0
87.3	96	0.91	0	1	0	0	0
92.6	88.1	1.05	0	1	0	1	0
90.3	96.3	0.94	0	2	0	0	0
99.6	119	0.84	0	1	0	0	0
120.9	97.2	1.24	1	2	0	1	1
80.6	75.4	1.07	0	0	0	1	0
103.8	125	0.83	0	2	0	0	0
96	106.7	0.9	0	2	0	1	0
94.1	92.5	1.02	0	2	0	0	0
89	98.1	0.91	0	0	0	0	0
108.8	108.4	1	1	2	0	0	1
105.6	108.6	0.97	0	1	0	0	0
91.4	105.1	0.87	1	0	0	0	1
107.4	114.1	0.94	0	0	0	0	0
89.3	88.1	1.01	1	0	0	0	1
107.4	120.7	0.89	0	0	0	1	0
106.6	124.3	0.86	1	0	0	1	1
70	81.7	0.86	1	1	0	0	1
103.1	117.9	0.87	0	0	0	0	0
98	105.3	0.93	1	2	0	0	1
87.3	100.1	0.87	0	1	0	0	0
69.2	97.3	0.71	0	1	0	0	0
77.1	89.6	0.86	0	1	0	0	0
89.5	86.7	1.03	0	0	0	1	0
111.2	102.3	1.09	1	1	0	0	1
83.2	74.9	1.11	1	0	0	0	1
90.1	95.4	0.94	0	0	0	1	0
99.6	104.5	0.95	0	0	0	0	0
110.2	116.6	0.95	0	0	0	1	0
99.3	89.8	1.11	0	2	0	0	0
55.2	75.9	0.73	0	0	0	0	0
91.4	110.3	0.83	1	0	0	0	1
79.6	108.2	0.74	0	1	0	0	0
109.5	125.4	0.87	0	0	0	0	0
107.8	107.8	1	0	1	0	0	0
101.2	111	0.91	0	0	0	0	0
83.5	90.8	0.92	1	0	0	1	1
71.1	81.9	0.87	1	2	0	1	1
77.7	101.9	0.76	0	0	0	1	0
83.6	102.2	0.82	0	2	0	0	0
126.3	128.8	0.98	0	0	0	0	0
86.4	117.9	0.73	0	0	0	0	0

102.2	103.4	0.99	0	1	0	0	0
99.5	113	0.88	0	0	0	0	0
81.7	97	0.84	0	1	0	0	0
85.2	105.5	0.81	0	0	0	0	0
97.7	117	0.84	0	2	0	0	0
98.9	93	1.06	0	0	0	1	0
64.1	85	0.75	0	1	0	1	0
115.4	101.6	1.14	0	1	0	0	0
70	90.4	0.77	1	0	0	0	1
96.1	107.7	0.89	0	1	0	1	0
115.4	114.8	1.01	1	1	0	1	1
108.1	109.4	0.99	1	2	0	1	1
89.4	99.6	0.9	1	0	0	0	1
99.1	127.3	0.78	1	0	0	0	1
87.7	89.3	0.98	0	1	0	1	0
103.7	107.4	0.97	0	1	0	1	0
76.7	106.4	0.72	0	1	0	1	0
83.4	112.4	0.74	0	0	0	0	0
87.7	92.3	0.95	0	1	0	1	0
84.8	115.5	0.73	0	0	0	1	0
89.3	103.6	0.86	0	0	0	1	0
74.1	93.9	0.79	0	1	0	1	0
81.6	101.6	0.8	1	2	0	1	1
100	111.2	0.9	1	1	0	0	1
85.5	100.1	0.85	0	0	0	0	0
98	97.6	1	0	0	0	0	0
107.3	107.3	1	1	0	0	0	1
101.2	88.8	1.14	0	0	0	0	0
96.7	115.9	0.83	0	0	0	0	0
89.8	118.4	0.76	1	0	0	0	1
108.8	118.4	0.92	0	0	0	0	0
65.1	80.4	0.81	1	1	0	0	1
86.2	94.9	0.91	1	0	0	0	1
85.7	123.9	0.69	0	0	0	0	0
96.2	99.6	0.97	0	0	0	1	0
90.2	115.1	0.78	0	0	0	0	0
94.1	116.5	0.81	0	0	0	0	0
113.3	103.7	1.09	0	0	0	0	0
62.5	99	0.63	0	1	0	0	0
84.4	108.6	0.78	1	0	0	1	1
102.1	110	0.93	0	1	0	1	0
101.5	99.4	1.02	1	0	0	0	1
70.1	114.7	0.61	0	0	0	0	0
110.2	114	0.97	0	1	0	1	0
66.3	92.4	0.72	1	0	0	1	1
96.4	116.6	0.83	0	0	0	0	0
78.9	73.8	1.07	0	2	0	1	0
111.7	100.7	1.11	0	0	0	0	0
77	89.9	0.86	0	1	0	1	0
87.4	81.6	1.07	0	0	0	1	0

111.1	106.6	1.04	0	2	0	0	0
86.6	104.5	0.83	0	2	0	0	0
90.1	103.5	0.87	0	1	0	0	0
118.6	116.1	1.02	0	0	0	0	0
98.9	123.7	0.8	0	2	0	0	0
105.2	103.3	1.02	1	1	0	0	1
96.5	91.9	1.05	1	2	0	1	1
56.2	99.4	0.57	0	2	0	1	1
87.5	103.3	0.85	1	0	0	0	1
118.2	150.9	0.78	1	0	0	1	1
71.6	94.6	0.76	0	0	0	0	0
101.8	107.6	0.95	0	0	0	0	0
105.2	115.2	0.91	0	0	0	0	1
62.1	98	0.63	1	0	0	0	1
95.1	104.6	0.91	0	0	0	1	0
70.6	104.7	0.67	0	0	0	0	0
102	102	1	1	1	0	0	1
103.1	131	0.79	0	0	0	1	1
85	99.7	0.85	0	1	0	1	0
87.1	85.1	1.02	1	0	0	1	1
76	80.6	0.94	0	1	0	0	0
104.5	133.1	0.79	1	0	0	1	1
72.3	104.3	0.69	0	1	0	0	0
112.6	120.6	0.93	1	2	0	0	1
103.4	100.7	1.03	0	1	0	0	0
94.8	95.1	1	1	1	0	1	1
96.9	117.6	0.82	0	1	0	0	0
90.7	109.7	0.83	0	1	0	0	0
93.6	125.7	0.74	0	0	0	0	0
99.9	134.3	0.74	0	1	0	1	0
108.5	103.1	1.05	0	0	0	1	0
105.3	109.3	0.96	0	1	0	0	0
97.5	92.3	1.06	0	0	0	0	0
111.6	103.7	1.08	0	2	0	0	0
98.2	93.3	1.05	0	0	0	0	0
89	86.2	1.03	0	0	0	0	0
68.1	93.8	0.73	1	0	0	1	1
71.7	95.3	0.75	0	0	0	1	0
100.5	114.9	0.87	0	0	0	1	0
68.8	98.4	0.7	0	2	0	0	0
103.2	101.4	1.02	0	1	0	0	0
92.2	98	0.94	0	0	0	0	0
94.2	93.6	1.01	0	1	0	1	0
101.8	115.8	0.88	0	0	0	0	0
89.9	88	1.02	0	0	0	1	0
99.1	124.6	0.8	0	0	0	1	1
97.9	113.8	0.86	1	0	0	1	1
89.4	97.6	0.92	0	0	0	0	0
106.9	101.1	1.06	1	0	0	1	1
99.7	110.3	0.9	0	1	0	1	0

89.4	97.7	0.92	0	0	0	1	0
74.4	85.5	0.87	1	0	0	1	1
85.4	106.8	0.8	0	1	0	1	0
76.9	90.9	0.85	0	2	0	1	0
84	109.5	0.77	1	2	0	1	1
95.9	87.9	1.09	1	2	0	1	1
104.3	122.1	0.85	1	0	0	0	1
82.2	102.8	0.8	0	0	0	1	0
89.5	102.5	0.87	1	1	0	0	1
84.4	98.2	0.86	0	1	0	0	0
61.8	97.6	0.63	0	2	0	1	0
107	89.3	1.2	0	0	0	1	0
121.6	106	1.15	0	2	0	0	0
101.3	81.7	1.24	0	0	0	1	0
88.6	91.3	0.97	1	0	0	0	1
94.8	116.8	0.81	0	1	0	0	0
95	113.2	0.84	0	1	0	0	0
112.3	120.1	0.94	0	0	0	1	0
113.2	104.2	1.09	0	0	0	0	0
83.2	74.7	1.11	0	0	0	1	0
107.7	116.1	0.93	0	2	0	1	0
86.1	81.4	1.06	0	0	0	0	0
105.7	91.1	1.16	0	1	0	0	0
88.5	109.6	0.81	1	0	0	1	1
86.9	86.8	1	0	0	0	1	0
58.4	80.9	0.72	0	0	0	1	0
49.2	90.2	0.55	1	1	0	0	1
75.7	95.8	0.79	0	2	0	0	0
98.9	113.7	0.87	0	0	0	0	0
77.7	105.6	0.74	0	0	0	0	0
94.9	106	0.9	0	0	0	1	0
100.1	102.3	0.98	0	0	0	0	0
91.7	115.2	0.8	0	0	0	1	0
76.6	119	0.64	0	1	0	0	0
82.3	106.6	0.77	0	0	0	0	0
91.4	100.5	0.91	1	2	0	1	1
106	102.6	1.03	0	0	0	0	0
59	99.5	0.59	0	0	0	0	0
99.6	99.4	1	0	1	0	1	0
97.6	102.5	0.95	1	0	0	1	1
84.5	88.7	0.95	0	1	0	1	0
81.7	108	0.76	0	0	0	1	0
89.3	98.5	0.91	0	0	0	1	0
115	130.8	0.88	0	0	0	1	1
102.2	87.3	1.17	1	1	0	0	1
90.9	75.9	1.2	1	0	0	0	1
94	122.4	0.77	0	1	0	0	0
108.1	108.6	1	0	0	0	1	0
91.8	96.8	0.95	0	0	0	0	0
75.6	90.8	0.83	0	0	0	0	0

78	95.5	0.82	0	0	0	0	0
69.3	128.1	0.54	0	1	0	0	0
95.7	67	1.43	0	1	0	1	0
100.3	101.6	0.99	0	0	0	0	0
103.5	104.9	0.99	0	0	0	0	0
82.3	115	0.72	0	0	0	1	0
119.5	127	0.94	0	0	0	0	0
81.3	97.4	0.83	0	0	0	0	0
86.3	104.5	0.83	1	0	0	0	1
86.1	107.3	0.8	1	1	0	0	1
133.8	130.1	1.03	0	1	0	1	0
108.7	124.8	0.87	0	0	0	0	0
79	103.2	0.77	0	0	0	0	0
108.7	86.5	1.26	0	0	0	1	0
93.3	102.2	0.91	0	2	0	1	0
113	111.9	1.01	0	1	0	0	0
112.9	106.5	1.06	0	0	0	0	0
93.8	111.2	0.84	0	0	0	0	0
75.4	88.9	0.85	0	0	0	0	0
87.5	96.2	0.91	1	0	0	0	1
91.6	119.6	0.77	0	0	0	0	0
106.2	93.5	1.14	1	0	0	0	1
91.7	101.8	0.9	0	0	0	1	0
100.1	99.6	1.01	0	2	0	1	0
88.7	87.9	1.01	1	0	0	1	1
86.5	106.8	0.81	0	1	0	1	0
85.6	94.2	0.91	1	2	0	0	1
87.7	100.2	0.88	0	0	0	0	0
89.5	102.6	0.87	0	0	0	1	0
104.7	108.4	0.97	0	0	0	0	0
86.6	100.5	0.86	0	0	0	1	0
59.9	84.2	0.71	0	0	0	0	0
100.4	103.7	0.97	0	1	0	0	0
92.3	113.9	0.81	1	0	0	1	1
95.2	105.5	0.9	0	0	0	0	0
84.7	104.7	0.81	0	0	0	0	0
102.2	109.3	0.94	0	0	0	0	0
90	94.8	0.95	1	0	0	0	1
86.9	76.8	1.13	0	0	0	1	0
111.4	97.2	1.15	1	0	0	1	1
109.4	102.8	1.06	0	0	0	0	0
72.3	73.8	0.98	1	0	0	0	1
109.6	109.1	1	0	0	0	0	0
86.7	98.1	0.88	0	0	0	0	0
103.8	87.4	1.19	0	0	0	1	0
111	127.1	0.87	1	1	0	1	1
88.6	102.9	0.86	0	0	0	1	0
66.2	88.8	0.75	0	1	0	1	0
90.9	102.4	0.89	0	2	0	0	0
54.3	92.6	0.59	0	0	0	1	0



72.1	91	0.79	0	1	0	0	0
101	107.6	0.94	0	0	0	0	0
87.4	93.8	0.93	0	0	0	0	0
115.9	118.1	0.98	0	0	0	1	1
81.4	103.3	0.79	1	1	0	0	1
96.3	90.8	1.06	0	0	0	0	0
99.3	112.1	0.89	0	0	0	1	1
96.8	107.4	0.9	0	0	0	0	0
82.5	105.5	0.78	1	1	0	0	1
103.5	91.6	1.13	0	0	0	0	0
101.1	101	1	0	2	0	1	0
94.5	121.9	0.78	0	0	0	1	1
93.7	96.2	0.97	1	0	0	0	1
96.4	87.9	1.1	0	1	0	1	0
75.4	67.4	1.12	0	0	0	1	0
84.4	111.3	0.76	0	0	0	0	0
78.4	90.3	0.87	0	0	0	0	0
89.8	102.4	0.88	1	1	0	0	1
108.5	117.7	0.92	1	1	0	1	1
90.1	98.7	0.91	0	1	0	1	0
115.5	110.8	1.04	1	0	0	1	1
106.7	118.4	0.9	1	0	0	1	1
75.5	114.8	0.66	0	1	0	0	0
93.3	108.7	0.86	0	0	0	0	1
75.8	95.9	0.79	0	0	0	0	0
89.5	93.9	0.95	0	1	0	0	0
115.6	113.2	1.02	0	1	0	0	0
92	109.3	0.84	1	1	0	0	1
117.3	106.6	1.1	1	1	0	0	1
97.2	107.7	0.9	1	0	0	0	1
97.4	126.3	0.77	0	0	0	0	0
80	93.7	0.85	0	0	0	0	0
109.3	85.2	1.28	0	0	0	1	0
131.8	130.1	1.01	0	1	0	0	0
76	84	0.9	0	1	0	1	0
80.5	74.3	1.08	0	0	0	0	0
91.2	103.6	0.88	0	1	0	0	0
77.7	87	0.89	0	2	0	0	0
95.8	102.6	0.93	0	0	0	1	0
79.7	100.7	0.79	1	0	0	0	1
68.6	98.9	0.69	0	0	0	0	0
86	114.4	0.75	1	0	0	0	1
93	96.1	0.97	0	1	0	1	0
115	116.1	0.99	0	2	0	1	0
101.5	98.1	1.03	1	0	0	0	1
77.4	81.3	0.95	0	0	0	0	0
96.3	108.8	0.89	1	0	0	0	1
116.7	89.6	1.3	1	1	0	0	1
114	104.8	1.09	0	1	0	1	0
90.7	89.1	1.02	0	0	0	0	0

99.2	108.1	0.92	0	1	0	1	0
108.2	122.3	0.88	1	0	0	1	1
92.7	95.8	0.97	0	0	0	1	0
91.3	100.8	0.91	0	0	0	0	0
105.8	110.9	0.95	0	0	0	1	1
116.8	106.6	1.1	0	1	0	1	0
87.1	85.2	1.02	1	2	0	1	1
80.5	101.1	0.8	1	0	0	0	1
88.2	114.6	0.77	0	2	0	1	0
81.5	83	0.98	0	0	0	1	0
89.3	130.7	0.68	0	1	0	1	0
89.3	123.5	0.72	1	0	0	1	1
118	107.6	1.1	1	1	0	1	1
99.6	116.7	0.85	1	0	0	0	1
102.9	98.1	1.05	0	0	0	0	0
84.2	85.9	0.98	0	0	0	0	0
121.4	118.8	1.02	0	0	0	0	0
106.5	103.2	1.03	0	0	0	1	0
82.3	83.8	0.98	0	1	0	0	0
92.1	113	0.82	0	1	0	1	0
116	101.4	1.14	0	0	0	1	0
91.8	101.8	0.9	0	0	0	1	0
86.5	81.2	1.07	1	0	0	0	1
132.6	115.5	1.15	0	0	0	0	0
84.9	105.2	0.81	0	0	0	0	0
92.7	96.5	0.96	0	1	0	1	0
109.6	127.5	0.86	1	1	0	0	1
113.1	106.5	1.06	0	0	0	1	1
120.7	111.6	1.08	1	0	0	1	1
73.3	75.9	0.97	1	0	0	0	1
101.8	115.3	0.88	0	0	0	1	0
101.4	97.4	1.04	1	2	0	0	1
80.7	94.1	0.86	0	0	0	0	0
106.2	114.4	0.93	0	0	0	1	0
93.3	102	0.91	0	1	0	1	0
79.4	92.6	0.86	0	0	0	1	0
103.7	85.8	1.21	0	1	0	0	0
89.9	115.8	0.78	1	0	0	0	1
97.4	119.6	0.81	0	1	0	0	0
106	91.1	1.16	0	1	0	1	0
122.4	119.8	1.02	0	0	0	0	0
78.3	92.7	0.84	1	1	0	1	1
90.1	113.2	0.8	0	0	0	0	0
113.9	104.5	1.09	0	0	0	1	0
75.4	86.4	0.87	0	0	0	0	0
77.8	82.6	0.94	0	2	0	0	0
109	105.2	1.04	1	0	0	0	1
104.4	110.4	0.95	0	0	0	1	0
93.5	132.1	0.71	0	0	0	0	0
101.4	86.5	1.17	0	0	0	0	0

88.2	86.8	1.02	0	0	0	0	0
106.9	93.3	1.15	0	0	0	0	0
106.2	92.3	1.15	0	0	0	0	0
104.5	94.8	1.1	1	0	0	1	1
103.6	123.1	0.84	0	0	0	1	0
91.4	65.8	1.39	0	0	0	1	0
107.4	95.7	1.12	0	0	0	0	0
98.8	128.9	0.77	0	0	0	0	0
69.7	88.8	0.78	0	0	0	1	0
97.2	91.2	1.07	0	1	0	1	0
86.3	93.7	0.92	0	1	0	1	0
67.4	85.4	0.79	0	1	0	0	0
82.4	108.5	0.76	0	2	0	1	0
132.5	104.6	1.27	0	0	0	0	0
80.9	96.7	0.84	0	0	0	0	0
93.4	104.3	0.9	0	0	0	1	0
114.2	138.8	0.82	0	0	0	0	0
79.9	101.9	0.78	0	0	0	0	0
127.5	144.7	0.88	0	0	0	0	0
77	118.4	0.65	0	0	0	1	0
89.6	102.5	0.87	0	1	0	0	0
82.8	99.6	0.83	1	0	0	0	1
93.4	108.2	0.86	1	1	0	0	1
92.8	109.8	0.85	1	0	0	1	1
87.1	108.4	0.8	0	0	0	0	0
98	106.5	0.92	0	1	0	1	0
82.1	100	0.82	1	0	0	0	1
100.8	84.3	1.2	1	0	0	1	1
95.6	92.2	1.04	0	0	0	1	0
96	97.7	0.98	0	0	0	1	0
119.4	118.5	1.01	0	2	0	1	0
75.5	108.9	0.69	0	1	0	1	0
86.3	86	1	0	1	0	1	0
67.8	90.6	0.75	0	1	0	1	0
92.9	108	0.86	0	0	0	0	0
69.6	88.4	0.79	1	0	0	0	1
111.9	123.1	0.91	0	1	1	1	0
117.7	113.5	1.04	0	2	0	0	0
109.7	95.7	1.15	0	1	0	0	0
96.6	121.2	0.8	0	0	0	0	0
103.8	92.7	1.12	1	1	0	1	1
86.7	114.5	0.76	0	0	0	0	0
101	104	0.97	0	1	0	0	0
111.2	119.2	0.93	1	0	0	0	1
81.5	77.7	1.05	1	1	0	1	1
96.7	87.8	1.1	0	2	0	0	0
102.5	100.5	1.02	1	0	0	1	1
81.3	93.8	0.87	1	0	0	0	1
66.8	78.2	0.85	1	1	0	0	1
60.8	99.6	0.61	0	1	0	1	0

72.8	100.6	0.72	1	1	0	0	1
89.7	104.4	0.86	0	0	0	1	0
98.3	103.5	0.95	0	2	0	1	0
129.4	136.2	0.95	1	0	0	0	1
81.1	83.9	0.97	0	0	0	0	0
102.6	106.5	0.96	1	0	0	0	1
91.4	92.7	0.99	0	0	0	1	0
106.6	108	0.99	0	1	0	1	0
104.8	82.4	1.27	0	0	0	0	1
63.6	81.1	0.78	1	2	0	0	1
76.6	95.7	0.8	0	0	0	0	0
108.3	114.2	0.95	1	1	0	1	1
93.3	73.5	1.27	1	1	0	1	1
98.7	96.2	1.03	0	0	0	0	0
109.1	115.9	0.94	0	0	0	0	0
114.7	130.8	0.88	1	1	0	0	1
86.5	108.5	0.8	1	1	0	1	1
156.2	121.5	1.29	0	1	0	1	1
72.9	93.2	0.78	1	2	0	0	1
108.8	113.8	0.96	0	1	0	1	0
89.5	110.5	0.81	0	0	0	1	0
90.4	113.9	0.79	0	1	0	0	0
98.3	110	0.89	1	1	0	1	1
92.7	114.1	0.81	0	0	0	1	0
56	83.1	0.67	0	0	0	0	0
84.1	88	0.96	0	1	0	1	0
136.1	126.4	1.08	1	1	0	0	1
76.3	110.6	0.69	0	2	0	0	0
84.6	112	0.76	0	0	0	0	0
87.5	110.6	0.79	0	1	0	0	0
107.6	82.1	1.31	1	1	0	0	1
79.9	99.3	0.8	0	1	0	0	0
104.3	114	0.91	1	0	0	1	1
91.9	91.1	1.01	0	1	0	0	0
99.5	103.9	0.96	0	2	0	1	0
62.1	94.2	0.66	1	1	0	1	1
90.6	113.3	0.8	0	1	0	0	0
111.8	93.1	1.2	1	0	0	1	1
86.5	121.4	0.71	1	1	0	1	1
105.4	118.2	0.89	1	0	0	0	1
76.1	99.2	0.77	0	1	0	1	0
100.3	102.5	0.98	0	0	0	1	0
92.5	88.7	1.04	0	0	0	1	0
94	100.9	0.93	0	0	0	0	0
77.4	81.5	0.95	0	0	0	1	0
79.4	114.1	0.7	0	0	0	0	0
57.7	101.5	0.57	0	0	0	0	0
66.7	91.6	0.73	0	0	0	1	0
81.3	84.4	0.96	0	0	0	0	0
106.3	95.7	1.11	0	0	0	0	0

78.2	94	0.83	0	0	0	0	0
95.4	89.7	1.06	0	0	0	1	0
81.9	113.4	0.72	1	2	0	0	1
97.9	116.5	0.84	0	0	0	0	0
93.8	104.7	0.9	0	0	0	0	0
73.5	87.8	0.84	0	0	0	1	0
126.7	122	1.04	0	0	0	1	1
84.7	107	0.79	0	1	0	0	0
73	92.8	0.79	1	0	0	1	1
92.8	106.6	0.87	0	0	0	0	0
86.9	88.1	0.99	0	0	0	0	0
77.9	106.7	0.73	0	1	0	1	0
106.9	91	1.17	1	0	0	0	1
82.3	114.3	0.72	0	1	0	1	0
102.3	100.6	1.02	0	0	0	1	0
73.1	91.9	0.8	0	1	0	0	0
112.5	113.2	0.99	0	0	0	1	0
104.4	121.3	0.86	0	0	0	0	0
93.1	91.2	1.02	0	1	0	1	0
75	109.3	0.69	0	0	0	0	0
133.7	124	1.08	0	0	0	1	0
74.7	103.7	0.72	0	0	0	1	0
78.7	104	0.76	0	1	0	1	0
113.7	107.5	1.06	1	1	0	0	1
107.4	93	1.15	1	1	0	0	1
94.4	110.4	0.86	0	1	0	0	0
68.2	93.4	0.73	1	0	0	0	1
91.9	98.3	0.93	0	0	0	0	0
119.1	126	0.95	0	0	0	0	0
86.9	108.7	0.8	0	0	0	0	0
87.2	103.4	0.84	0	0	0	0	0
107.5	113.3	0.95	0	0	0	0	1
94.8	123.5	0.77	1	0	0	1	1
98.1	95.9	1.02	0	0	0	0	0
97.5	112.6	0.87	1	1	0	0	1
107	110	0.97	0	1	0	0	0
82.3	91.6	0.9	0	2	0	0	0
102.7	110.4	0.93	0	0	0	1	0
116.3	105.5	1.1	0	1	0	0	0
89.1	122.9	0.72	1	0	0	0	1
101.7	98.1	1.04	1	1	0	1	1
105.4	112	0.94	0	1	0	0	0
116.5	114.9	1.01	1	0	0	1	1
72.4	88.9	0.81	0	0	0	0	0
88.6	82.6	1.07	0	0	0	0	0
76.7	107.7	0.71	0	0	0	1	0
82.8	109.2	0.76	0	0	0	0	0
84	105.9	0.79	1	0	0	0	1
85.9	89.4	0.96	0	1	0	0	0
125.9	119.9	1.05	0	1	0	1	0

134.2	125.2	1.07	0	0	0	1	0
78.6	94.7	0.83	0	0	0	1	0
90.1	109.9	0.82	0	0	0	1	0
102.6	116.9	0.88	0	1	0	0	0
93.9	111.2	0.84	1	1	0	0	1
106.3	111	0.96	1	0	0	1	1
85.2	110.2	0.77	0	0	0	1	0
125.6	120.1	1.05	0	1	0	0	0
130.4	109	1.2	0	0	0	0	0
94	135.2	0.7	0	0	0	1	0
98.1	121.2	0.81	0	0	0	1	0
99	115.8	0.85	1	2	0	0	1
123.2	107.6	1.14	0	0	0	1	0
87.3	87.1	1	0	0	0	1	0
94.1	89	1.06	0	1	0	0	0
85.6	94.3	0.91	0	2	0	0	0
102.3	101.3	1.01	0	1	0	0	0
110	108.6	1.01	1	0	0	0	1
99.3	88.5	1.12	0	1	0	0	0
91.3	86.3	1.06	0	0	0	1	0
53.9	97.1	0.56	0	0	0	1	0
94.8	105.7	0.9	0	2	0	1	1
101.9	121.5	0.84	0	1	0	0	0
83.6	86.7	0.96	0	0	0	1	0
74.9	89.6	0.84	0	0	0	0	0
107.9	122.8	0.88	0	1	0	0	0
104.2	106.3	0.98	0	1	0	0	0
85.6	93.9	0.91	0	2	0	0	0
94.3	97.3	0.97	0	0	0	0	0
102.7	105.6	0.97	1	1	0	1	1
115.4	106.1	1.09	1	0	0	0	1
91.6	105.5	0.87	1	1	0	0	1
64	87.7	0.73	1	0	0	0	1
87.1	113.3	0.77	0	0	0	1	0
98.8	102	0.97	0	0	0	0	0
76	92.4	0.82	0	1	0	0	0
88.5	78.8	1.12	0	0	0	0	0
90.5	104.8	0.86	0	1	0	1	0
99.7	126.6	0.79	1	1	0	1	1
80.2	113.2	0.71	0	0	0	0	0
73.6	96.1	0.77	0	0	0	0	0
103.8	133.2	0.78	1	0	0	0	1
84.4	79.2	1.07	0	0	0	0	0
82.2	104.2	0.79	0	0	0	0	0
84.1	94.3	0.89	1	0	0	0	1
89	110.4	0.81	1	0	0	0	1
85.7	107	0.8	0	0	0	0	0
73.2	100	0.73	1	0	0	0	1
65.7	94.4	0.7	1	0	0	0	1
102.2	105.4	0.97	1	1	0	0	1

94.6	94.7	1	1	2	0	0	1
82.4	108.1	0.76	1	0	0	1	1
78	83.1	0.94	1	1	0	0	1
105.3	104.9	1	0	0	0	0	1
96.9	110	0.88	0	1	0	0	0
91.2	109.3	0.83	0	0	0	1	0
88.7	73.2	1.21	1	0	0	1	1
93.8	112.5	0.83	0	0	0	1	0
102.2	126.4	0.81	0	2	0	1	0
90.3	94.5	0.96	0	0	0	0	0
91.1	96.7	0.94	0	0	0	1	0
94.1	77.7	1.21	0	1	0	0	0
86.9	101.8	0.85	0	1	0	0	0
85.9	96	0.89	0	1	0	1	0
97.3	116.7	0.83	0	1	0	1	0
106.9	113.6	0.94	0	0	0	1	0
107	87.4	1.22	0	0	0	1	0
69.1	93.6	0.74	0	1	0	1	1
98.8	95.2	1.04	0	0	0	0	0
66.9	103.3	0.65	1	0	0	0	1
92	70.5	1.3	0	0	0	1	0
87.2	89.8	0.97	1	0	0	0	1
102.7	101.1	1.02	0	2	0	0	0
96.3	106.3	0.91	1	1	0	0	1
92.7	104.6	0.89	0	0	0	0	0
106.3	115.2	0.92	0	0	0	1	0
71.3	79.6	0.9	0	0	0	1	0
89.8	113.3	0.79	0	0	0	1	0
105.3	102.3	1.03	0	2	0	0	0
109.4	123.1	0.89	1	0	0	1	1
108.4	121.6	0.89	0	1	0	0	0
56.7	93.6	0.61	0	0	0	1	0
84.7	126.5	0.67	1	0	0	0	1
89.4	102.2	0.87	1	0	0	0	1
95.1	97.2	0.98	1	2	0	1	1
89.8	103.3	0.87	0	2	0	0	0
108.3	108.6	1	0	1	0	1	1
83.6	101.8	0.82	0	1	0	0	0
67.2	93.7	0.72	1	0	0	0	1
75.7	85.4	0.89	0	2	0	1	0
87	93.7	0.93	0	2	0	1	0
93.4	73	1.28	1	0	0	0	1
57.6	88.8	0.65	0	0	0	1	0
98.6	89.9	1.1	0	0	0	1	1
134.1	121	1.11	0	1	0	1	1
125.7	123.6	1.02	0	0	0	0	0
87.4	84.4	1.04	0	1	0	0	0
78	96.9	0.8	0	1	0	0	0
122.7	115.3	1.06	1	0	0	0	1
93	96.1	0.97	0	0	0	1	1

88.8	110.2	0.81	0	0	0	0	0
96.9	117.2	0.83	0	1	0	0	0
105.2	113.1	0.93	0	0	0	1	0
84.9	103.6	0.82	1	1	0	1	1
107.4	110	0.98	1	0	0	0	1
104.6	103.6	1.01	0	0	0	0	0
89.5	103.6	0.86	0	0	0	1	0
121.4	107.9	1.13	0	0	0	1	0
130.3	106	1.23	0	0	0	1	0
88.9	100.7	0.88	0	0	0	0	0
107.7	114.8	0.94	1	1	0	1	1
80.1	83.1	0.96	0	0	0	0	0
99.3	103.1	0.96	1	0	0	0	1
106.6	120.6	0.88	0	1	0	0	0
80.3	97.6	0.82	1	0	0	0	1
75.8	93.7	0.81	0	0	0	0	0
79.4	73.4	1.08	0	0	0	0	0
96.3	118.1	0.82	0	0	0	0	0
104.5	99.6	1.05	1	2	0	1	1
114.4	120.4	0.95	0	0	0	1	1
111.1	111.2	1	1	1	0	1	1
111.5	117.5	0.95	1	1	0	0	1
83.5	113.3	0.74	0	0	0	1	0
73.8	84.8	0.87	0	0	0	1	0
113.1	134	0.84	0	2	0	0	0
83.1	86	0.97	1	0	0	1	1
109	104.7	1.04	0	0	0	0	0
89.4	98.6	0.91	1	1	0	1	1
88.8	110.2	0.81	0	1	0	0	0
103.3	129.4	0.8	0	1	0	1	0
103.5	110.9	0.93	0	0	0	0	0
101.3	106	0.96	1	2	0	0	1
85.6	99	0.86	0	0	0	0	0
99.7	122.4	0.81	1	0	0	1	1
95.2	95.5	1	0	0	0	1	1
88.1	92.7	0.95	0	0	0	1	0
83.4	86.1	0.97	0	0	0	0	0
95.4	89.2	1.07	1	0	0	1	1
106.9	102.7	1.04	0	0	0	1	0
76	83.4	0.91	0	0	0	0	0
93.5	97.4	0.96	0	0	0	1	0
66.7	94.9	0.7	0	0	0	0	0
88.4	100.4	0.88	0	1	0	0	0
92.3	83	1.11	0	0	0	1	0
82.8	91.2	0.91	1	0	0	1	1
93.5	86.8	1.08	1	0	0	0	1
87	100.9	0.86	0	0	0	1	0
88.2	96	0.92	0	0	0	0	0
85.3	85.1	1	1	1	0	0	1
90.5	108.4	0.83	1	0	0	0	1



92.3	129.9	0.71	1	2	0	0	1
72.7	85.4	0.85	1	1	0	0	1
115.7	101.4	1.14	0	0	0	0	0
70	110.2	0.64	0	0	0	0	0
73.8	97.1	0.76	0	0	0	0	0
77.2	89.2	0.87	0	0	0	1	0
93.3	118.3	0.79	0	1	0	0	0
118.4	89	1.33	1	0	0	1	1
72.8	84	0.87	0	0	0	0	0
64.4	67.7	0.95	0	1	0	0	0
85.3	121	0.7	0	1	0	0	0
103.9	101.9	1.02	0	1	0	0	0
96.6	88.8	1.09	0	0	0	1	0
114.6	91.4	1.25	0	0	0	0	0
81.4	104.1	0.78	1	0	0	1	1
81.1	114.6	0.71	0	0	0	0	0
84.5	102	0.83	0	1	0	1	0
114.2	119.2	0.96	1	0	0	0	1
94	102	0.92	1	0	0	0	1
97.9	117.8	0.83	0	1	0	0	0
83	86.2	0.96	0	0	0	0	0
102.9	97.3	1.06	0	0	0	0	0
76.3	87.3	0.87	1	0	0	0	1
120.3	125.5	0.96	0	2	0	0	0
71.3	101	0.71	1	1	0	0	1
107.6	82.5	1.3	0	0	0	0	0
65.6	88.2	0.74	0	1	0	0	0
86.7	77.8	1.11	0	2	0	0	0
64	91.3	0.7	0	0	0	0	0
95.2	112.8	0.84	0	1	0	0	0
100.2	100.2	1	1	0	0	1	1
82.3	96	0.86	1	0	0	0	1
103.6	124.5	0.83	0	0	0	0	0
83.4	94.7	0.88	0	1	0	0	0
91.7	113	0.81	0	1	0	0	0
97.8	99.4	0.98	0	1	0	1	0
75.4	90.1	0.84	0	2	0	0	0
96	120	0.8	1	0	0	1	1
120	137.4	0.87	1	0	0	0	1
81.9	105.9	0.77	0	0	0	1	0
99.5	106.5	0.93	0	0	0	0	0
93.3	100.2	0.93	1	0	0	1	1
82.5	86.1	0.96	1	0	0	0	1
84.7	113.2	0.75	1	2	0	1	1
82.7	87.1	0.95	0	1	0	1	0
100.2	105.5	0.95	0	0	0	0	0
119.9	102.4	1.17	1	0	0	1	1
65.5	106.4	0.62	0	1	0	0	0
62.7	100.7	0.62	1	0	0	0	1
94.2	113.1	0.83	0	0	0	0	0

105.2	120.9	0.87	0	1	0	1	0
98.1	111.9	0.88	1	0	0	1	1
112.1	88	1.27	0	1	0	1	0
80.2	88.2	0.91	1	0	0	1	1
98.8	89.9	1.1	0	0	0	1	0
88.6	108.8	0.81	0	2	0	0	0
93.5	109.4	0.85	0	0	0	0	0
104.3	106.7	0.98	1	2	0	0	1
80.2	80.4	1	0	2	0	0	0
95.6	89.7	1.07	1	0	0	1	1
86.2	91.4	0.94	0	2	0	0	0
92.2	86.5	1.07	0	0	0	1	0
90.8	100.5	0.9	0	0	0	0	0
121.6	109.7	1.11	0	1	0	1	0
119.3	123.9	0.96	1	0	0	1	1
71.7	92.2	0.78	0	1	0	0	0
94.1	107.8	0.87	1	0	0	1	1
114.3	148.9	0.77	1	1	0	1	1
101.7	104.7	0.97	0	1	0	1	0
98	115.6	0.85	1	1	0	1	1
108.9	127.8	0.85	0	2	0	1	0
102.9	90.7	1.13	0	1	0	0	0
99.5	113.9	0.87	0	0	0	0	0
82.5	118	0.7	0	0	0	0	0
93.8	100.3	0.94	1	1	0	0	1
108.5	96.9	1.12	0	0	0	0	0
98.3	114.8	0.86	1	0	0	0	1
95.2	101.3	0.94	1	0	0	0	1
90.6	124.1	0.73	0	1	0	0	0
68.5	97.3	0.7	0	0	0	0	0
97.6	105.8	0.92	1	2	0	1	1
102.7	102.4	1	1	2	0	0	1
102.8	90	1.14	1	0	0	1	1
94.6	107.7	0.88	0	1	0	1	0
88.1	90.4	0.97	1	0	0	0	1
85.5	100.9	0.85	0	0	0	1	1
112.2	111.5	1.01	1	0	0	1	1
101.8	105.4	0.97	0	0	0	0	0
92.4	83.1	1.11	1	2	0	0	1
84.4	72.1	1.17	0	0	0	1	0
91.8	98.7	0.93	1	0	0	0	1
113.9	112.9	1.01	0	0	0	1	0
95.8	89.1	1.08	0	0	0	0	0
95.8	112.2	0.85	0	1	0	0	0
111.5	134.2	0.83	0	0	0	0	0
88.4	91.7	0.96	1	0	0	1	1
112.6	98.9	1.14	0	1	0	1	0
99.8	107.5	0.93	0	1	0	0	0
72.8	94.3	0.77	1	0	0	1	1
102.2	118.4	0.86	0	0	0	0	0

94	88	1.07	0	1	0	1	0
71.9	92.8	0.77	1	0	0	1	1
69.5	120.3	0.58	0	1	0	1	0
86.7	107.2	0.81	0	1	0	0	0
94.3	108	0.87	0	1	0	0	0
91.9	84.5	1.09	0	1	0	0	0
99.1	95.3	1.04	0	0	0	1	0
91	90.8	1	0	0	0	0	0
90.3	100.7	0.9	0	0	0	1	0
112.7	116.4	0.97	1	0	0	1	1
90.8	103.6	0.88	0	0	0	1	0
98.8	114.9	0.86	1	0	0	1	1
68.6	81.4	0.84	0	1	0	1	0
113.9	117.1	0.97	0	0	0	0	0
107	123.2	0.87	0	0	0	1	0
88	69.5	1.27	1	0	0	1	1
94.1	108.4	0.87	1	0	0	0	1
100.1	81.8	1.22	1	0	0	1	1
68.5	95.4	0.72	0	0	0	1	0
116.3	106.8	1.09	0	1	0	0	0
118.4	111.3	1.06	1	1	0	1	1
107.2	110.1	0.97	0	0	0	1	0
74.1	89.3	0.83	0	0	0	1	0
76.9	98.3	0.78	0	1	0	0	0
112.1	120.8	0.93	0	0	0	1	0
100.1	101.5	0.99	0	0	0	0	0
98.7	109.4	0.9	0	1	0	0	0
104.3	112	0.93	1	0	0	1	1
105.8	97.6	1.08	1	0	0	1	1
99.9	106.2	0.94	0	0	0	0	0
82	79.4	1.03	1	0	0	0	1
74.3	94.3	0.79	0	2	0	1	0
78.9	107.2	0.74	1	1	0	1	1
101.7	113.5	0.9	1	0	0	0	1
62.4	86.5	0.72	1	2	0	0	1
100.7	115.1	0.87	0	0	0	0	0
71	94.8	0.75	1	0	0	1	1
92.1	79.6	1.16	0	2	0	1	0
97.9	124	0.79	1	1	0	1	1
101.2	93.2	1.09	0	0	0	0	0
99.5	88	1.13	0	1	0	1	0
92.2	104.5	0.88	1	0	0	1	1
70.7	93.9	0.75	1	0	0	1	1
97.4	114.2	0.85	0	1	0	0	0
113	95.8	1.18	0	0	0	1	0
85.7	113.6	0.75	1	1	0	1	1
115.8	107	1.08	0	0	0	0	0
83.6	87	0.96	1	0	0	0	1
96.5	103.7	0.93	1	0	0	0	1
72	69.6	1.03	1	2	0	1	1

87.8	123.3	0.71	1	1	0	0	1
102.3	83	1.23	0	1	0	0	0
132.1	125	1.06	0	2	0	0	0
98.5	99.5	0.99	0	0	0	0	0
100	99.7	1	0	0	0	1	0
94.6	94	1.01	0	0	0	0	0
90.7	107.8	0.84	0	0	0	1	0
122.5	143.1	0.86	1	0	0	0	1
105.7	108	0.98	0	2	0	0	0
104.6	113.1	0.92	1	1	0	1	1
59.5	85.4	0.7	0	0	0	0	0
120.2	130.1	0.92	0	0	0	0	0
65.6	106.8	0.61	0	2	0	1	0
93.1	89.4	1.04	0	0	0	0	0
83.6	87.2	0.96	0	0	0	0	0
69.7	85.6	0.81	0	0	0	1	0
79	93.3	0.85	1	0	0	1	1
83.2	113.6	0.73	0	0	0	0	1
66.9	60.7	1.1	1	1	0	1	1
74.9	105.3	0.71	0	0	0	0	0
121.6	128.1	0.95	0	0	0	0	0
78	105.3	0.74	1	0	0	1	1
103.5	106.1	0.98	0	0	0	0	0
64.6	104.8	0.62	0	1	0	0	0
74.4	96.4	0.77	1	0	0	1	1
112.1	108.9	1.03	0	0	0	0	0
89	103	0.86	0	0	0	0	0
91.3	70.7	1.29	1	0	0	0	1
81.2	105.1	0.77	1	0	0	1	1
95.7	109.2	0.88	0	1	0	1	0
120.9	135.7	0.89	0	2	0	0	1
104.1	132.6	0.79	1	1	0	1	1
85.8	83.3	1.03	0	0	0	0	0
95.2	113.7	0.84	0	1	0	1	0
101	83.4	1.21	0	0	0	1	0
93.6	111.5	0.84	0	0	0	0	0
66.5	115.9	0.57	0	2	0	1	0
99.2	110.7	0.9	1	2	0	0	1
78	106.1	0.74	0	1	0	0	0
85.7	93.8	0.91	0	0	0	0	0
86.2	88.8	0.97	1	1	0	0	1
86.7	87.2	0.99	0	0	0	0	0
83.1	86.4	0.96	0	2	0	0	0
61.3	84.8	0.72	0	0	0	1	0
82	107.1	0.77	0	0	0	0	0
90.4	84.9	1.06	0	0	0	0	0
109.3	94.1	1.16	0	0	0	1	1
98.2	125.4	0.78	1	0	0	0	1
96.4	105.4	0.91	0	0	0	0	0
125.6	125.7	1	1	1	0	0	1

89.7	117	0.77	0	1	0	0	0
93.6	97.9	0.96	0	0	0	0	0
133.5	132.3	1.01	1	0	0	1	1
117.6	106.5	1.1	0	0	0	0	1
106.2	93.5	1.14	0	0	0	1	0
101.8	106.7	0.95	0	1	0	0	0
96.4	125.9	0.77	0	0	0	0	0
99.3	84.1	1.18	1	0	0	0	1
93	110.8	0.84	0	0	0	1	0
110.4	103.3	1.07	1	1	0	1	1
72.5	78.7	0.92	0	2	0	1	0
74.2	87.6	0.85	0	0	0	1	0
63.1	80.2	0.79	0	0	0	0	0
87.3	103.8	0.84	0	1	0	1	0
66.9	88.6	0.76	0	0	0	1	0
80.9	106.9	0.76	0	0	0	0	0
74.7	69.9	1.07	0	0	0	1	0
82.1	110.5	0.74	1	0	0	0	1
95.9	111.7	0.86	0	0	0	0	0
91.8	120.8	0.76	0	0	0	0	0
59.7	91.7	0.65	0	2	0	1	0
84.1	98.9	0.85	1	2	0	0	1
104	115.1	0.9	0	1	0	1	0
60.9	109.7	0.56	0	1	0	0	0
102.8	129.5	0.79	0	1	0	0	0
71.3	88.1	0.81	1	1	0	0	1
74.4	103.5	0.72	0	1	0	0	0
101.7	124.8	0.81	1	0	0	1	1
91.8	87.5	1.05	1	1	0	0	1
99.5	105.8	0.94	0	1	0	1	0
83.9	92.4	0.91	0	1	0	1	1
92.1	79.6	1.16	0	1	0	0	0
95.7	97.7	0.98	1	0	0	0	1
118.3	103.9	1.14	0	0	0	0	0
89.3	94.5	0.94	1	1	0	0	1
94.2	110	0.86	0	0	0	0	0
86	112.2	0.77	0	0	0	1	0
90.3	97	0.93	1	2	0	0	1
106.6	118.1	0.9	0	1	0	1	0
89.5	97.5	0.92	0	0	0	0	0
96.8	117.2	0.83	0	0	0	1	1
92	86.8	1.06	0	0	0	0	0
102	109.8	0.93	0	2	0	0	0
94.1	106.8	0.88	1	2	0	0	1
108	98	1.1	1	0	0	0	1
73	86.3	0.85	1	0	0	1	1
101.7	99.5	1.02	0	0	0	0	0
87.7	116	0.76	0	1	0	1	0
109.5	88	1.24	0	0	0	1	0
94.1	101	0.93	0	0	0	0	0

101	114.5	0.88	1	1	0	1	1
60.4	90.1	0.67	1	0	0	0	1
89.7	104.3	0.86	1	0	0	0	1
96.1	92.9	1.03	1	1	0	1	1
101.5	94.8	1.07	1	1	0	1	1
71.9	106.4	0.68	0	1	0	0	0
93.3	119.2	0.78	0	1	0	0	0
83.2	92.4	0.9	1	0	0	0	1
107.2	131.4	0.82	0	1	0	1	0
109.8	114.4	0.96	0	0	0	1	0
94.4	101.9	0.93	0	0	0	0	0
93.4	94.1	0.99	0	0	0	0	0
73.6	103.5	0.71	0	0	0	0	0
111	114.9	0.97	0	0	0	1	0
86.4	101.8	0.85	0	0	0	0	0
94.5	95.2	0.99	0	0	0	0	0
64.3	86.4	0.74	0	1	0	1	0
88.8	83.6	1.06	0	0	0	0	0
93.1	103.2	0.9	0	2	0	1	0
107.4	122.8	0.87	0	1	0	1	0
109.5	88.7	1.23	0	1	0	1	1
115.3	110.1	1.05	0	1	0	0	0
117.6	127.4	0.92	1	0	0	1	1
81.5	106.3	0.77	0	1	0	0	0
104.5	103.9	1.01	0	0	0	0	0
75.7	90.6	0.84	0	0	0	1	0
84.4	103.7	0.81	0	0	0	0	0
63	91.2	0.69	0	0	0	0	0
90.2	116	0.78	0	0	0	0	0
98.3	88	1.12	0	2	0	0	0
78.2	72.3	1.08	0	1	0	0	0
111.3	92.8	1.2	1	0	0	0	1
126.4	103.9	1.22	0	0	0	0	0
102.5	132.3	0.77	0	0	0	1	0
112.5	100.2	1.12	0	1	0	0	0
84.8	113.7	0.75	0	0	0	0	0
97.2	116.6	0.83	0	1	0	1	1
92.8	105.7	0.88	1	0	0	1	1
119.5	97.4	1.23	0	0	0	0	0
93.2	94.7	0.98	1	0	0	1	1
112.2	96.1	1.17	0	2	0	0	0
98.2	98.5	1	0	1	0	0	0
125.3	121.2	1.03	1	0	0	1	1
85.8	81.8	1.05	1	0	0	1	1
79	78.2	1.01	0	1	0	0	0
124.4	125.8	0.99	1	2	0	1	1
73.9	92.8	0.8	0	0	0	1	0
92.6	121.6	0.76	0	0	0	1	0
84	66.1	1.27	0	0	0	0	0
93.9	99.8	0.94	1	0	0	1	1

87.8	82.6	1.06	1	0	0	0	1
76.3	74.2	1.03	1	0	0	0	1
100.4	95	1.06	0	0	0	1	0
51.6	78.2	0.66	0	1	0	1	1
98.1	103.8	0.95	0	0	0	0	0
96.4	98	0.98	0	0	0	1	0
113.8	115.4	0.99	0	2	0	0	0
86.4	77.9	1.11	0	0	0	1	0
113.9	117.1	0.97	0	0	0	0	0
89.8	111.4	0.81	1	0	0	1	1
145.8	137.4	1.06	1	0	0	0	1
75.5	95.2	0.79	0	0	0	0	0
123.8	128.3	0.96	1	1	0	0	1
83.4	95.1	0.88	0	0	0	0	0
106	116.1	0.91	1	0	0	0	1
91	107.5	0.85	0	1	0	0	0
87	86	1.01	0	1	0	0	0
83.1	86	0.97	0	1	0	1	0
91.5	89.7	1.02	0	1	0	0	0
111.3	89.9	1.24	0	1	0	1	0
127.7	104.5	1.22	0	0	0	0	0
107.9	111.6	0.97	1	0	0	1	1
103.4	114.7	0.9	0	0	0	1	0
87.5	101.2	0.86	0	0	0	0	0
69.9	82.3	0.85	0	0	0	1	0
53	81.1	0.65	0	0	0	0	0
81.9	79.1	1.04	0	1	0	1	0
88.1	89.2	0.99	0	0	0	0	0
78.2	100.7	0.78	0	2	0	0	0
83.3	91.4	0.91	0	0	0	0	0
69.6	89.8	0.78	0	1	0	0	0
95.2	80	1.19	0	0	0	0	0
114.7	97.6	1.18	0	1	0	0	0
103.6	90.1	1.15	0	0	0	0	0
70.9	92.2	0.77	1	0	0	0	1
106.8	110.5	0.97	0	1	0	1	0
108.7	115.8	0.94	0	1	0	0	0
99	95.3	1.04	0	0	0	1	0
108.5	131.7	0.82	1	0	0	1	1
98.2	107	0.92	0	0	0	0	0
93.9	94.3	1	1	1	0	1	1
98.5	103.6	0.95	0	0	0	1	0
79.9	109.8	0.73	0	1	0	1	0
100.8	118.1	0.85	0	0	0	1	0
111.5	89.7	1.24	0	1	0	0	0
106.8	115.2	0.93	0	1	0	1	0
86.4	111.3	0.78	0	2	0	0	0
57.4	79.2	0.72	1	0	0	1	1
97.3	100	0.97	1	1	0	0	1
78	97.6	0.8	1	0	0	1	1

98.2	106.1	0.93	1	0	0	0	1
93.2	83.5	1.12	0	0	0	0	0
105.6	92.3	1.14	0	0	0	1	0
98.6	119.1	0.83	0	0	0	0	0
84.7	95.2	0.89	0	1	0	1	0
71.3	90.4	0.79	0	0	0	0	0
113.2	124.1	0.91	0	2	0	1	0
64.7	83.5	0.77	0	0	0	0	0
73.6	116.9	0.63	0	0	0	0	0
120.4	96.3	1.25	0	0	0	0	0
109.9	109.5	1	1	2	0	0	1
73.9	107.2	0.69	0	0	0	1	0
103.3	104	0.99	0	0	0	1	0
119.7	137	0.87	1	1	0	1	1
125.6	130.9	0.96	0	1	0	0	0
70.3	102.8	0.68	0	0	0	0	0
104.8	107.8	0.97	0	1	0	1	0
104.9	127.4	0.82	0	0	0	0	0
75.9	97.1	0.78	0	0	0	0	0
69.6	95.8	0.73	0	0	0	1	0
96.1	117.2	0.82	1	0	0	0	1
77.7	95.1	0.82	0	2	0	0	0
88.5	98.7	0.9	1	0	0	0	1
82.7	76.7	1.08	0	1	0	0	0
110.8	117.9	0.94	0	2	0	1	1
90.5	110.3	0.82	0	1	0	0	0
79.5	101	0.79	0	0	0	1	0
112.1	108.4	1.03	1	0	0	0	1
80.2	106.9	0.75	0	1	0	0	0
83	117.2	0.71	0	0	0	1	0
81.4	115	0.71	1	0	0	0	1
107.7	130.4	0.83	0	1	0	1	0
83.6	88.1	0.95	0	1	0	1	0
92.6	100.6	0.92	1	2	0	0	1
67.4	98.3	0.69	0	2	0	0	0
67.8	104.7	0.65	0	0	0	0	0
75.3	100.4	0.75	0	1	0	1	0
85.2	108	0.79	1	1	0	0	1
77.6	94.9	0.82	0	0	0	0	0
86.7	97.9	0.89	1	1	0	0	1
115.8	98.4	1.18	0	0	0	0	0
116	123	0.94	0	1	0	0	0
64.3	92.9	0.69	0	2	0	1	0
96.2	107.6	0.89	1	0	0	0	1
108.1	115.8	0.93	0	1	0	0	0
104.5	105.5	0.99	0	1	0	0	0
71.7	78.6	0.91	1	0	0	0	1
93.5	103.5	0.9	0	0	0	0	0
103.6	110.6	0.94	0	1	0	1	0
88.1	102.9	0.86	1	0	0	1	1



79.9	89.7	0.89	1	1	0	1	1
94.2	101.7	0.93	1	0	0	1	1
80.1	94.3	0.85	0	1	0	0	0
112.8	106.7	1.06	1	0	0	0	1
87	88.6	0.98	1	1	0	0	1
82.2	107.1	0.77	0	0	0	1	0
117	126.5	0.92	0	2	0	1	1
90.4	110	0.82	0	0	0	1	1
87.2	85.2	1.02	0	0	0	0	0
114.9	115.2	1	0	0	0	1	0
95.1	104.9	0.91	1	0	0	1	1
99	105.3	0.94	1	1	0	1	1
87.5	111.5	0.78	1	0	0	1	1
136.8	114.9	1.19	0	1	0	1	1
95.7	102.6	0.93	1	0	0	0	1
112.5	112.8	1	0	1	0	0	0
99.9	124.3	0.8	0	1	0	0	0
109.1	106.2	1.03	0	0	0	1	1
81.1	106.6	0.76	1	0	0	0	1
107.9	129.4	0.83	0	1	0	0	1
93.8	93.1	1.01	0	0	0	0	0
103	125.4	0.82	1	0	0	0	1
100.4	110.5	0.91	1	1	0	0	1
101.9	113.5	0.9	0	0	0	1	0
126.4	153.2	0.83	0	0	0	0	0
98.1	87.6	1.12	1	0	0	0	1
120.2	118.6	1.01	0	0	0	0	0
122.1	125	0.98	0	0	0	0	0
123.2	107.4	1.15	0	0	0	0	0
101.3	123.9	0.82	1	0	0	0	1
100.1	86	1.16	1	0	0	1	1
60	104.5	0.57	0	0	0	1	0
103.8	93.3	1.11	1	0	0	0	1
84.1	105.8	0.79	1	1	0	1	1
69.3	97.9	0.71	1	0	0	1	1
66.9	109.1	0.61	0	0	0	1	0
135.9	132	1.03	1	2	0	0	1
85.9	107.7	0.8	1	0	0	0	1
107.1	115.5	0.93	1	0	0	1	1
83.6	96.5	0.87	0	1	0	0	0
92.3	105.1	0.88	1	0	0	1	1
103.3	89.6	1.15	1	0	0	1	1
87.3	117.1	0.75	0	0	0	1	0
69.8	84	0.83	0	0	0	0	0
108.7	114	0.95	1	1	0	0	1
80.9	100.6	0.8	1	0	0	1	1
113.7	104.9	1.08	0	1	0	0	0
89.5	119.8	0.75	0	0	0	1	0
93.3	97.9	0.95	1	1	0	0	1
94.9	92	1.03	0	1	0	0	1

108.1	92.1	1.17	0	0	0	1	0
113.9	108.5	1.05	0	0	0	0	0
72.2	85.1	0.85	0	1	0	0	0
98.3	108.3	0.91	0	0	0	1	1
80.2	92.5	0.87	1	0	0	1	1
97.9	79	1.24	1	2	0	0	1
105.7	122.1	0.87	1	0	0	1	1
83.8	101.7	0.82	0	1	0	1	0
65.3	88.6	0.74	0	1	0	0	0
79.8	76.8	1.04	1	1	0	0	1
101	110.9	0.91	1	2	0	0	1
105.2	115.8	0.91	0	1	0	0	0
103.2	111.6	0.92	1	2	0	1	1
72.1	73.1	0.99	1	0	0	1	1
102	104.9	0.97	1	0	0	1	1
91.6	114.8	0.8	1	0	0	1	1
90.2	99.8	0.9	1	1	0	0	1
99.6	90.3	1.1	0	0	0	0	0
116.8	126.4	0.92	0	0	0	0	0
109.7	107.1	1.02	0	0	0	0	0
106.8	111	0.96	0	0	0	1	0
90.8	79.8	1.14	1	0	0	1	1
86.3	79.5	1.09	0	1	0	1	0
83.2	100.3	0.83	1	0	0	0	1
80	86.6	0.92	0	0	0	1	0
85	105.9	0.8	0	0	0	1	0
114.2	120.8	0.95	0	1	0	1	1
90.9	118.7	0.77	0	1	0	0	0
73.3	95	0.77	0	1	0	0	0
83.5	96.3	0.87	0	2	0	0	0
84.6	104.6	0.81	1	1	0	0	1
86.7	105	0.83	0	1	0	0	0
93.6	111.4	0.84	1	0	0	1	1
98.8	93.4	1.06	1	0	0	0	1
93.6	94.5	0.99	0	0	0	1	0
96.9	94.2	1.03	0	1	0	0	0
73.8	88.3	0.84	0	0	0	1	0
91.2	114.1	0.8	0	1	0	0	0
104.5	111.8	0.93	0	0	0	0	0
80.8	92.2	0.88	0	0	0	0	0
95.2	114.3	0.83	1	0	0	0	1
105.9	88.5	1.2	0	0	0	0	0
96.9	111.1	0.87	0	0	0	1	0
97.2	109.3	0.89	0	1	0	1	0
89.4	108	0.83	0	1	0	0	0
75.8	99.4	0.76	0	0	0	1	0
90.6	109.6	0.83	1	2	0	1	1
105.2	140.4	0.75	0	0	0	0	0
106	120	0.88	0	0	0	1	0
91.5	87.8	1.04	0	0	0	1	0

72.9	95.8	0.76	1	1	0	0	1
85.8	106	0.81	0	1	0	0	0
57.1	92	0.62	0	0	0	0	0
71.5	93.8	0.76	0	1	0	1	0
106.9	91.9	1.16	1	1	0	0	1
90.1	102.9	0.88	0	1	0	0	0
119.3	106.3	1.12	1	0	0	0	1
83.7	95.9	0.87	0	0	0	0	0
90.2	90.4	1	0	1	0	0	0
83.6	105.2	0.79	0	2	0	0	0
98.8	109.3	0.9	1	0	0	0	1
101.2	93.3	1.08	1	0	0	0	1
104.5	100.1	1.04	0	0	0	1	0
106.4	116.1	0.92	0	0	0	0	1
84.4	96.6	0.87	0	0	0	0	0
106.8	122.6	0.87	1	0	0	1	1
80.2	93.5	0.86	0	0	0	1	0
108.2	90.5	1.2	0	0	0	1	1
88.5	136.3	0.65	0	1	0	0	0
90.1	106.1	0.85	1	0	0	0	1
87.1	114.5	0.76	0	0	0	1	0
99.7	103.9	0.96	0	0	0	1	0
81	111.1	0.73	0	2	0	0	0
96.9	108.1	0.9	0	1	0	1	0
100.5	130.8	0.77	0	0	0	0	0
62.8	88.9	0.71	1	1	0	1	1
86	89.1	0.97	0	1	0	0	0
97.1	106.2	0.91	0	1	0	0	0
55.8	92.4	0.6	1	2	0	0	1
107.2	103.6	1.03	0	0	0	0	0
70	100.5	0.7	0	0	0	1	0
86.8	86.3	1.01	0	1	0	0	0
113.9	114	1	0	0	0	1	0
105.6	119.2	0.89	1	0	0	0	1
87.5	79.8	1.1	0	1	0	1	0
84.6	129.5	0.65	0	0	0	0	0
90.3	85	1.06	0	1	0	1	0
116.3	109.4	1.06	1	1	0	0	1
110.9	100.1	1.11	0	0	0	1	0
132.4	120.6	1.1	0	0	0	0	0
86.9	101.2	0.86	0	0	0	0	0
90.6	90.9	1	0	2	0	0	0
91.1	98.6	0.92	0	0	0	0	0
79.5	101.4	0.78	0	2	0	0	0
60.3	94.6	0.64	1	2	0	0	1
104.1	100.6	1.03	0	0	0	1	0
89.2	118.8	0.75	1	0	0	0	1
102	131	0.78	1	1	0	1	1
87.8	81.6	1.08	0	0	0	0	0
90.8	110.7	0.82	1	0	0	1	1

87.8	107	0.82	1	0	0	1	1
122.5	132.8	0.92	0	0	0	1	1
98.4	84.3	1.17	0	0	0	1	0
82.8	103.8	0.8	0	1	0	0	0
89.7	119.2	0.75	0	0	0	1	0
105.2	104.4	1.01	0	2	0	0	0
72.8	93.5	0.78	1	0	0	1	1
90.8	95.4	0.95	0	2	0	1	0
56.8	104.2	0.55	1	1	0	0	1
63.2	103.3	0.61	0	1	0	0	0
95.6	105.3	0.91	1	2	0	0	1
95.4	106.9	0.89	0	1	0	0	0
85.6	94.7	0.9	1	0	0	1	1
119.7	105.2	1.14	1	1	0	0	1
99.1	102.1	0.97	0	0	0	1	0
108.3	101	1.07	1	0	0	0	1
112	124.7	0.9	0	0	0	0	0
82.7	91	0.91	0	0	0	1	0
94.9	116.3	0.82	0	0	0	1	0
76.5	118.7	0.64	0	0	0	0	0
97.2	107.2	0.91	0	0	0	0	0
103.4	108.3	0.95	0	0	0	1	0
104.3	75.5	1.38	1	2	0	0	1
108.8	111.3	0.98	0	1	0	1	0
87	94.2	0.92	1	0	0	1	1
120.5	131.7	0.91	1	1	0	0	1
75.7	101.7	0.74	0	1	0	1	0
99.6	109	0.91	1	1	0	1	1
90.5	96.7	0.94	0	1	0	1	0
85.7	93.8	0.91	0	0	0	0	0
91.2	80.7	1.13	0	1	0	0	0
85.6	99.7	0.86	0	0	0	0	0
106.1	107.3	0.99	0	0	0	1	0
90.5	102.3	0.88	0	1	0	0	0
72.2	111	0.65	1	0	0	1	1
77	115.2	0.67	0	0	0	1	0
77.5	86.2	0.9	0	0	0	0	0
108.9	99.5	1.09	0	1	0	0	0
105.6	98.8	1.07	0	2	0	0	0
115.5	130.8	0.88	1	0	0	0	1
112.8	116.9	0.96	1	0	0	0	1
127.2	127.4	1	0	0	0	1	0
58.5	95.2	0.61	1	0	0	0	1
142.3	130.3	1.09	0	0	0	0	0
103.9	98.6	1.05	1	1	0	0	1
130.4	114.2	1.14	0	2	0	0	0
74.1	84	0.88	0	1	0	1	0
93.2	102.2	0.91	0	0	0	0	0
95.6	105	0.91	0	1	0	0	0
79	111.4	0.71	0	2	0	0	0

85.5	97.2	0.88	0	0	0	1	0
106.2	119.5	0.89	1	0	0	0	1
77.9	105.6	0.74	0	0	0	1	0
85.9	104.4	0.82	0	1	0	0	0
106.2	106.7	1	0	1	0	0	0
121.9	112.6	1.08	0	0	0	1	0
90.6	94.5	0.96	0	0	0	1	0
82.7	91.6	0.9	1	0	0	0	1
80	112.3	0.71	0	0	0	0	0
98	106.8	0.92	0	0	0	0	0
90.6	120.4	0.75	0	0	0	1	0
110.6	114.2	0.97	1	0	0	1	1
92	119.5	0.77	0	0	0	0	0
99.6	100.7	0.99	0	1	0	1	0
97.6	109.5	0.89	1	0	0	0	1
110.6	115.5	0.96	0	0	0	1	0
109.1	108.2	1.01	0	1	0	0	0
95.7	112.4	0.85	1	0	0	0	1
117.3	129.6	0.91	0	0	0	1	0
102.3	80.9	1.26	0	0	0	1	0
80.6	98.2	0.82	0	2	0	0	0
94.5	126.9	0.74	0	0	0	1	0
111.5	129.9	0.86	0	0	0	0	0
105.6	110.7	0.95	1	1	0	0	1
107.9	108.1	1	0	1	0	0	0
106.1	121.2	0.88	0	0	0	1	0
105.2	93.5	1.13	0	0	0	1	0
94.4	114.2	0.83	0	0	0	0	0
78.2	108.6	0.72	0	0	0	0	0
108.6	123.3	0.88	0	0	0	1	0
87.5	100.8	0.87	0	0	0	1	0
78.5	108.1	0.73	0	0	0	0	0
121.9	110.7	1.1	1	1	0	0	1
110.2	101.5	1.09	0	0	0	0	0
106.3	100.2	1.06	0	2	0	1	0
96.3	105.8	0.91	0	0	0	1	0
90.7	115.5	0.79	0	1	0	1	0
81.8	73	1.12	1	1	0	0	1
102.5	108.1	0.95	0	1	0	0	0
87.5	119.2	0.73	1	1	0	0	1
80.1	92.3	0.87	0	0	0	1	0
81.8	55	1.49	1	0	0	1	1
118.6	108.6	1.09	0	1	0	0	1
88.2	100.5	0.88	0	0	0	0	0
97.8	102.1	0.96	0	0	0	1	0
96	94	1.02	0	0	0	1	0
83.7	90.9	0.92	0	1	0	1	0
91.3	112.5	0.81	0	1	0	1	0
113.9	96.5	1.18	0	0	0	0	0
100	97.1	1.03	0	2	0	1	0

91.9	98.6	0.93	1	0	0	1	1
70.1	100.6	0.7	0	0	0	0	0
77.6	106.1	0.73	0	0	0	1	0
135.3	112.2	1.21	0	1	0	1	1
62.4	101.9	0.61	0	0	0	1	0
93.9	92.5	1.02	0	0	0	1	0
110.7	123.1	0.9	1	2	0	0	1
132.5	116.5	1.14	0	0	0	1	0
82.2	82.2	1	1	0	0	1	1
87.4	77.6	1.13	0	0	0	1	0
83.3	102.2	0.82	1	0	0	0	1
95.2	102	0.93	1	0	0	0	1
95.4	108.2	0.88	0	1	0	0	0
70.4	97.7	0.72	1	0	0	1	1
109.7	94.8	1.16	0	0	0	1	0
130.9	123.3	1.06	0	0	0	1	0
99.5	92.3	1.08	0	0	0	1	0
87.5	94.9	0.92	1	1	0	1	1
86.8	111.9	0.78	0	0	0	1	0
111.9	113.7	0.98	0	2	0	1	0
71.3	91.7	0.78	0	1	0	0	0
75.4	96.2	0.78	1	1	0	0	1
101.8	102.3	1	1	1	0	1	1
93.6	103.7	0.9	0	1	0	0	0
91.4	104.3	0.88	0	0	0	1	0
85.8	89.6	0.96	0	0	0	0	0
98.8	99.4	0.99	0	0	0	0	0
85.6	105.3	0.81	0	0	0	0	0
95.8	97.4	0.98	1	1	0	1	1
97.2	117	0.83	0	0	0	1	0
83	115	0.72	0	0	0	1	0
106.8	105.6	1.01	0	0	0	0	0
101	117	0.86	1	0	0	0	1
75	58.8	1.28	0	2	0	0	0
82.3	93.7	0.88	1	2	0	0	1
98.2	111	0.88	1	0	0	0	1
80.6	90.7	0.89	0	1	0	1	0
112.9	114	0.99	0	0	0	1	0
103.1	100.7	1.02	0	0	0	0	0
110.5	127.1	0.87	0	0	0	0	0
86.9	88.5	0.98	0	1	0	0	0
97	108.2	0.9	0	1	0	0	0
97.6	107	0.91	0	0	0	0	0
84.2	113.9	0.74	0	0	0	1	0
107.9	119.6	0.9	0	0	0	0	0
105.1	96.7	1.09	0	2	0	0	0
107	116.6	0.92	1	0	0	0	1
79.5	98.8	0.8	0	1	0	1	1
109.4	117.6	0.93	1	0	0	1	1
93.5	110.1	0.85	0	1	0	0	0

87.5	111.6	0.78	0	0	0	1	0
79.2	90.2	0.88	0	0	0	0	0
86.6	82.7	1.05	0	1	0	0	0
95.2	98.7	0.96	0	0	0	0	0
69.8	71.8	0.97	0	1	0	0	0
100.4	116.2	0.86	0	0	0	1	0
65.6	87.8	0.75	1	1	0	0	1
94.7	99.9	0.95	0	0	0	1	0
69.5	77.5	0.9	0	1	0	1	0
106.9	104.8	1.02	0	1	0	1	0
98.1	99.8	0.98	0	0	0	0	0
71.4	116	0.62	0	1	0	0	0
70.4	90.3	0.78	0	0	0	0	0
74.6	93.3	0.8	0	0	0	1	0
83.2	117.3	0.71	0	1	0	0	0
110.6	105.9	1.04	0	0	0	0	0
75.6	90.8	0.83	0	1	0	0	0
108.9	113	0.96	1	0	0	1	1
83.8	91.1	0.92	0	1	0	1	0
98.5	94.8	1.04	0	1	0	1	0
96.6	115.3	0.84	0	0	0	0	0
123.2	116.1	1.06	1	1	0	0	1
88.7	83.6	1.06	0	0	0	0	0
85.8	93.4	0.92	1	1	0	0	1
106.3	118.3	0.9	0	0	0	0	0
88.8	101.6	0.87	0	0	0	0	0
90.9	108.3	0.84	1	0	0	1	1
96.1	106.7	0.9	0	1	0	0	0
104.6	117.5	0.89	1	0	0	0	1
82.5	100	0.82	0	1	0	1	0
99.6	111.8	0.89	0	0	0	0	0
111.6	115.5	0.97	0	0	0	0	0
97.7	124.3	0.79	0	1	0	0	0
115.4	116.9	0.99	0	0	0	0	0
90.5	109.4	0.83	1	1	0	0	1
93.4	103.2	0.91	0	0	0	0	0
55.6	102.7	0.54	0	0	0	1	0
83.1	98.4	0.84	0	2	0	1	0
81.6	99.6	0.82	0	0	0	0	0
126.8	122.8	1.03	0	0	0	1	1
101.3	121.6	0.83	0	0	0	0	0
69	95.1	0.73	1	0	0	1	1
90.4	90.4	1	0	0	0	1	0
78.6	82	0.96	0	1	0	1	0
88.7	81.8	1.08	1	0	0	0	1
94.1	107	0.88	0	0	0	0	0
75	95.4	0.79	0	0	0	0	0
137.2	126.4	1.09	0	1	0	1	1
100.2	91.5	1.1	1	1	0	1	1
110.2	108.3	1.02	0	1	0	0	0

97.1	103.6	0.94	0	2	0	0	0
81.2	86.6	0.94	1	0	0	1	1
67.9	96.7	0.7	0	1	0	0	0
104	116.7	0.89	1	1	0	1	1
117.8	116	1.02	1	1	0	0	1
111.1	116.3	0.96	0	0	0	1	0
100.9	118.7	0.85	0	1	0	0	0
85.7	106	0.81	0	0	0	1	0
94.7	126.6	0.75	1	0	0	0	1
115.4	120.2	0.96	0	0	0	1	0
86.9	107.1	0.81	0	1	0	0	0
104.7	106.5	0.98	0	0	0	0	0
79.9	85	0.94	0	0	0	0	0
107.3	110.3	0.97	0	0	0	0	0
82.3	96.8	0.85	0	0	0	0	0
91.1	96.4	0.95	0	0	0	0	0
103.1	107.5	0.96	0	1	0	0	0
71.9	86.7	0.83	1	1	0	1	1
105.1	124.3	0.85	0	2	0	1	0
85.4	107.1	0.8	0	1	0	0	0
73.7	105.3	0.7	0	0	0	1	0
105.4	95.5	1.1	0	0	0	1	0
102.6	103	1	0	0	0	0	0
88.1	120.8	0.73	1	0	0	0	1
67.2	94.7	0.71	1	2	0	1	1
96.5	101.9	0.95	1	0	0	0	1
65.3	95.3	0.69	0	1	0	1	0
116.2	105.6	1.1	0	1	0	0	0
98.6	119	0.83	1	2	0	1	1
107.4	103.7	1.04	0	2	0	0	0
88.8	81.1	1.09	0	2	0	1	0
78.4	94.1	0.83	0	2	0	0	0
65	76.7	0.85	1	0	0	1	1
108.2	134.1	0.81	0	0	0	0	0
82.5	92.6	0.89	0	0	0	0	0
86.8	80.5	1.08	1	1	0	0	1
83.4	92.6	0.9	0	0	0	0	0
66.9	110.9	0.6	0	1	0	0	0
102.8	73.1	1.41	0	0	0	0	0
68.4	97.1	0.7	0	0	0	0	0
105.6	100.5	1.05	0	0	0	0	0
105.7	120.9	0.87	0	1	0	1	0
104.3	107.9	0.97	0	0	0	1	0
92.8	103.8	0.89	1	1	0	0	1
61.3	80.8	0.76	0	0	0	0	0
122.9	133.1	0.92	0	0	0	0	0
108.6	134.4	0.81	1	0	0	0	1
96.1	88.5	1.09	0	2	0	1	0
64.1	85.7	0.75	0	1	0	1	0
97	124.9	0.78	0	1	0	0	0



69.9	75	0.93	0	1	0	0	0
101.4	92.1	1.1	0	0	0	0	0
101.6	115.3	0.88	0	0	0	1	1
89.5	104	0.86	1	1	0	0	1
82.6	87.1	0.95	0	2	0	0	0
89.1	94.5	0.94	0	0	0	1	1
97.9	96.9	1.01	1	0	0	0	1
85.4	108.6	0.79	0	0	0	0	0
76.4	99.4	0.77	1	0	0	0	1
93.7	91.2	1.03	1	1	0	0	1
63	99.8	0.63	0	0	0	1	0
67	90.7	0.74	0	2	0	0	0
84.9	80.8	1.05	0	0	0	0	0
105.7	98	1.08	0	0	0	0	0
102.5	85	1.21	1	2	0	1	1
100.4	130.8	0.77	1	1	0	1	1
77.4	103.6	0.75	0	0	0	1	0
93.4	97.9	0.95	0	0	0	0	0
103	94.1	1.09	0	0	0	0	0
98.3	87.8	1.12	0	2	0	0	0
98	102.5	0.96	1	0	0	0	1
91.3	112.9	0.81	0	2	0	1	0
97.8	105.8	0.92	0	0	0	0	0
119	112.4	1.06	0	2	0	0	0
90.7	100	0.91	0	1	0	1	0
111.3	115.3	0.97	1	0	0	0	1
70.1	100.2	0.7	0	0	0	0	0
69.4	71.4	0.97	0	2	0	0	0
76.7	89.2	0.86	0	1	0	1	0
73.6	94.5	0.78	0	1	0	0	0
104.4	122.1	0.86	0	1	0	1	0
89.6	109.8	0.82	0	0	0	1	0
91.1	103.6	0.88	0	1	0	0	0
102.7	112.6	0.91	1	1	0	0	1
118.2	109.2	1.08	0	0	0	1	0
88.7	95.6	0.93	0	1	0	0	0
147.6	122.5	1.2	1	0	0	0	1
96.2	108.7	0.89	0	2	0	1	0
105.1	112.6	0.93	1	0	0	0	1
115.3	97.3	1.18	1	1	0	0	1
85.1	116.3	0.73	0	0	0	1	0
100.9	104.3	0.97	0	0	0	1	0
103.6	104.2	0.99	0	0	0	1	0
105.1	81.8	1.28	0	0	0	0	0
109.3	120	0.91	0	0	0	1	0
87	84.3	1.03	0	0	0	0	0
75.7	90.5	0.84	1	0	0	0	1
103.8	114.3	0.91	0	0	0	1	0
89.4	101.7	0.88	0	1	0	0	0
88.9	109.4	0.81	1	0	0	0	1

90.2	117	0.77	0	0	0	1	0
120.8	121.5	0.99	0	1	0	0	0
128.1	130.6	0.98	1	0	0	1	1
125.7	120.2	1.05	0	0	0	1	0
124.3	129.3	0.96	1	0	0	1	1
83.4	98.5	0.85	0	0	0	0	0
91.2	106.5	0.86	1	1	0	0	1
91.6	102.2	0.9	0	0	0	0	0
66.2	92.4	0.72	0	0	0	0	0
107.4	94.9	1.13	0	0	0	1	0
79.1	89.1	0.89	0	0	0	0	0
116.7	121.5	0.96	0	1	0	0	0
80	108.3	0.74	0	1	0	1	0
106.6	103.5	1.03	1	0	0	0	1
120.1	113.1	1.06	0	0	0	0	0
94.2	102	0.92	0	2	0	1	0
118.5	99.6	1.19	0	0	0	0	0
107.7	110	0.98	0	0	0	0	0
105.5	98.8	1.07	1	1	0	0	1
80.3	88.7	0.91	1	0	0	0	1
111.7	121.6	0.92	0	0	0	1	0
103.7	102.9	1.01	1	0	0	1	1
79.9	86.3	0.93	1	2	0	0	1
99	94.5	1.05	0	2	0	0	0
88.9	115.9	0.77	0	0	0	1	0
82.7	95	0.87	0	0	0	0	0
102.8	122.7	0.84	1	0	0	1	1
104	80.9	1.29	0	1	0	1	0
74.9	82.8	0.9	0	0	0	1	0
79.2	91.8	0.86	0	0	0	0	0
92.3	97.1	0.95	1	1	0	0	1
81.8	100.3	0.82	1	1	0	1	1
80.7	101.8	0.79	0	0	0	0	0
94.8	94.1	1.01	1	0	0	0	1
93.9	91.2	1.03	0	1	0	1	0
129.5	109.5	1.18	0	0	0	0	0
100.4	107.9	0.93	0	1	0	0	0
128.5	104.3	1.23	0	0	0	0	0
91.3	128.8	0.71	1	0	0	1	1
123	119.9	1.03	0	0	0	1	1
124.5	113.1	1.1	1	0	0	0	1
73.8	96.7	0.76	0	1	0	0	0
106	110.2	0.96	0	1	0	0	1
90.8	106.7	0.85	1	1	0	0	1
102.1	93	1.1	0	0	0	0	0
118.6	122.9	0.97	1	2	0	1	1
94.8	117.2	0.81	0	0	0	1	0
82.8	116.8	0.71	0	0	0	0	0
87.7	104.1	0.84	0	1	0	1	0
103.1	112.6	0.92	0	0	0	0	0

105.6	109.6	0.96	1	0	0	0	1
85.3	99.8	0.85	0	1	0	0	0
73.9	99.2	0.74	1	0	0	0	1
102.2	89.8	1.14	0	0	0	1	0
106.3	109.1	0.97	1	2	0	0	1
104.1	115.2	0.9	0	0	0	1	0
84.5	110.1	0.77	0	0	0	1	0
94.4	90.3	1.05	0	1	0	0	0
86.3	103.6	0.83	0	1	0	0	0
93.2	83.1	1.12	0	1	0	0	0
113.3	119.1	0.95	0	1	0	1	0
78.4	101.3	0.77	0	1	0	1	0
86.7	100.4	0.86	0	1	0	0	0
92.3	107.5	0.86	1	2	0	0	1
87.2	111.2	0.78	0	0	0	0	0
92.5	114.8	0.81	0	0	0	0	0
86.9	74.8	1.16	0	0	0	1	0
116.2	123.8	0.94	0	0	0	0	0
85.3	90.1	0.95	1	1	0	0	1
88.2	89.3	0.99	0	0	0	0	0
77.9	109.5	0.71	0	1	0	0	0
111.7	99.1	1.13	0	0	0	1	1
92.3	94.3	0.98	1	0	0	1	1
89.3	101.1	0.88	1	0	0	1	1
112.2	115.2	0.97	0	2	0	0	0
75.2	96.1	0.78	1	0	0	0	1
100	111.7	0.9	1	0	0	0	1
89.4	102.1	0.88	0	1	0	0	0
73.4	92.4	0.79	0	0	0	1	0
78.3	86	0.91	1	0	0	0	1
82.2	90.7	0.91	0	0	0	0	0
101.2	83.6	1.21	0	0	0	0	0
100.2	108.7	0.92	0	0	0	1	0
73.4	81.6	0.9	0	0	0	1	0
89.4	87.6	1.02	0	0	0	0	0
89.8	123.1	0.73	0	0	0	1	0
89.4	90.2	0.99	0	0	0	0	0
77.4	101.7	0.76	0	0	0	1	0
88	106.7	0.82	0	0	0	1	1
63.3	90.7	0.7	1	1	0	0	1
108.6	105.1	1.03	1	0	0	0	1
61.3	84	0.73	0	0	0	1	0
84.4	95.8	0.88	0	0	0	1	0
97.4	93.3	1.04	0	1	0	0	0
109.8	108.3	1.01	1	0	0	0	1
108.6	108.6	1	0	0	0	0	0
99.6	105.4	0.94	1	2	0	1	1
106.8	92.9	1.15	1	0	0	0	1
86.5	103.6	0.83	0	1	0	0	0
107.8	97.5	1.11	0	1	0	0	0

118.6	102.3	1.16	0	0	0	0	0
107.6	104.9	1.03	0	1	0	0	0
104.9	119.3	0.88	0	1	0	1	0
93.9	111.7	0.84	0	0	0	0	0
98	93	1.05	0	0	0	1	0
87.5	134.3	0.65	0	0	0	0	0
116.8	100.1	1.17	0	0	0	1	0
102.9	121.1	0.85	0	0	0	1	0
76.8	117.5	0.65	0	2	0	1	0
100.7	107.9	0.93	1	0	0	1	1
109.2	93.2	1.17	0	0	0	0	0
78.7	93.5	0.84	1	1	0	0	1
111.6	111.8	1	0	0	0	0	0
68.8	68.9	1	1	2	0	0	1
93.4	106.1	0.88	0	1	0	0	0
101.5	92.5	1.1	0	0	0	0	0
82.2	100.2	0.82	0	1	0	1	0
99.4	113.6	0.88	0	2	0	0	0
86.7	104.9	0.83	1	0	0	1	1
77.1	103.1	0.75	0	1	0	0	0
118.8	120.6	0.99	0	0	0	1	1
81.8	94.5	0.87	0	1	0	0	0
117.5	116.9	1.01	1	0	0	1	1
95.3	122.7	0.78	0	1	0	1	1
105.2	101.3	1.04	0	0	0	1	0
85.8	124.3	0.69	1	1	0	0	1
91.9	90.6	1.01	1	1	0	0	1
93.9	115.7	0.81	1	1	0	1	1
105.4	98.7	1.07	1	2	0	1	1
92.7	82.3	1.13	0	0	0	0	0
96.3	111.8	0.86	1	1	0	0	1
124.5	96.8	1.29	1	0	0	0	1
64.5	98.3	0.66	0	0	0	0	0
105.2	119.9	0.88	0	0	0	0	0
94.5	107	0.88	0	0	0	1	0
114.7	102.9	1.11	1	0	0	0	1
94.5	68.9	1.37	0	0	0	0	0
116.1	99.3	1.17	0	0	0	0	1
104.3	98.2	1.06	1	0	0	1	1
89.1	93.8	0.95	0	2	0	0	0
74.9	105.6	0.71	0	0	0	0	0
123	136.5	0.9	0	0	0	1	0
110.9	103.1	1.08	0	1	0	0	0
89.3	100.3	0.89	0	0	0	0	0
86.4	98.2	0.88	0	0	0	0	0
93.3	98.5	0.95	0	2	0	0	0
109.8	113.1	0.97	0	0	0	1	1
104.8	96.9	1.08	1	0	0	0	1
93	114.7	0.81	0	1	0	0	0
101.3	110.3	0.92	0	0	0	0	0

78.2	98.4	0.79	0	1	0	1	0
124.6	118.8	1.05	0	0	0	0	0
79.3	92.6	0.86	0	0	0	0	0
96.5	95.8	1.01	0	0	0	1	0
103.3	88.2	1.17	1	2	0	1	1
78	91.4	0.85	0	0	0	1	0
118.4	97.5	1.21	0	0	0	1	0
88.6	120.3	0.74	0	0	0	0	0
117.6	110.8	1.06	0	0	0	0	0
107.5	118.1	0.91	0	1	0	0	0
91.9	93.9	0.98	0	0	0	0	0
117.8	127.8	0.92	0	1	0	0	0
89.2	111.6	0.8	0	1	0	1	0
110.4	104.9	1.05	0	1	0	1	0
84.1	110.1	0.76	0	1	0	0	0
93.5	97	0.96	1	0	0	0	1
97.2	124.8	0.78	1	1	0	0	1
85.9	91.9	0.93	0	1	0	0	0
88.2	97.4	0.91	0	0	0	0	0
102.7	110.3	0.93	0	1	0	0	0
86.5	96.2	0.9	0	0	0	0	0
83.1	105.3	0.79	1	1	0	0	1
93.3	108.7	0.86	1	1	0	0	1
96.5	85.5	1.13	1	0	0	0	1
70.7	92.6	0.76	0	0	0	1	0
99.1	81.6	1.21	0	1	0	0	0
99.6	104.2	0.96	1	0	0	1	1
92.3	110.6	0.83	0	0	0	0	0
87.1	113.9	0.76	0	1	0	1	0
84.2	108.6	0.78	0	1	0	0	0
109.5	114	0.96	0	0	0	0	0
112.5	111	1.01	1	0	0	1	1
101.4	100.5	1.01	0	1	0	1	0
72.7	99.8	0.73	0	1	0	0	0
104.7	109.4	0.96	0	1	0	1	0
92.2	88.8	1.04	0	0	0	0	0
86.3	101.2	0.85	1	0	0	0	1
95.2	108.7	0.88	0	1	0	0	0
103.1	109.9	0.94	0	0	0	0	0
85.5	102.5	0.83	0	0	0	1	0
93.4	98.2	0.95	0	0	0	0	0
119.9	120.6	0.99	0	1	0	0	0
107.7	79.6	1.35	1	0	0	1	1
92.6	88.9	1.04	0	1	0	1	0
115	112.4	1.02	0	0	0	1	0
97.8	113	0.87	1	1	0	0	1
100.3	94.8	1.06	1	0	0	1	1
88.9	120.1	0.74	0	0	0	0	0
94.3	87.6	1.08	0	0	0	0	0
77	89.1	0.86	0	1	0	0	0

92.4	107.4	0.86	0	1	0	1	0
118	117	1.01	1	1	0	1	1
94.8	115.1	0.82	1	1	0	1	1
82.5	101.8	0.81	1	1	0	0	1
114.7	110.7	1.04	0	0	0	0	0
122.6	114.8	1.07	0	0	0	1	0
116.7	81	1.44	0	0	0	0	0
95.6	120.1	0.8	0	0	0	0	0
99.4	107.3	0.93	0	0	0	1	0
109.7	109.9	1	1	0	0	1	1
75.8	92.9	0.82	1	0	0	0	1
89.1	99	0.9	1	1	0	0	1
100.6	102	0.99	0	1	0	0	0
91.2	78.9	1.16	0	0	0	0	0
69.5	111.8	0.62	0	0	0	0	0
104.4	115.6	0.9	0	0	0	1	0
82.1	83.5	0.98	0	1	0	1	0
96.8	101.6	0.95	1	0	0	0	1
100	105	0.95	1	1	0	0	1
101.9	124	0.82	0	1	0	0	0
93.9	98.6	0.95	0	0	0	0	0
92.9	106.4	0.87	0	1	0	0	0
76.8	83.1	0.92	0	1	0	0	0
74.2	85.2	0.87	1	0	0	1	1
63.1	82.9	0.76	0	0	0	0	0
95.5	107.5	0.89	0	1	0	0	0
76.2	84.4	0.9	1	2	0	1	1
111	115.6	0.96	0	0	0	1	0
74.3	99	0.75	1	0	0	1	1
116.4	106.4	1.09	1	1	0	1	1
86.3	97.5	0.89	1	0	0	0	1
86.1	99.2	0.87	1	0	0	1	1
85.7	82.4	1.04	0	1	0	0	0
104.4	78.2	1.34	0	1	0	1	0
100.6	92.4	1.09	0	1	0	0	0
68	85.6	0.79	0	0	0	1	0
77.9	102.1	0.76	0	0	0	0	0
83.8	91.9	0.91	1	2	0	0	1
83.6	115.3	0.73	0	1	0	1	0
84.8	97.4	0.87	1	0	0	1	1
57.3	85.2	0.67	0	0	0	1	0
93.2	124.9	0.75	0	0	0	1	0
83.9	81.1	1.03	0	0	0	1	0
130.3	115.6	1.13	0	1	0	0	0
119.3	115.9	1.03	0	0	0	1	0
81.8	86.2	0.95	1	0	0	0	1
107.1	123.5	0.87	0	2	0	1	1
107.4	106.8	1.01	0	0	0	0	0
96.6	88.5	1.09	1	0	0	0	1
73.6	101.4	0.73	0	0	0	1	0

107.6	119.2	0.9	0	0	0	0	1
81.4	95.9	0.85	0	0	0	0	0
81.7	78.3	1.04	0	0	0	1	0
130.2	115.3	1.13	1	0	0	0	1
83.4	104.5	0.8	1	0	0	1	1
103.5	107.1	0.97	0	2	0	0	0
74.4	96.9	0.77	0	0	0	0	0
90	103.4	0.87	0	0	0	0	0
96.7	128.2	0.75	1	1	0	0	1
102.2	106.8	0.96	0	1	0	1	0
114.2	114.2	1	0	2	0	0	0
77.1	86.3	0.89	0	0	0	0	0
84.4	105	0.8	0	0	0	0	0
94.3	106.6	0.88	0	1	0	1	0
116.9	106.6	1.1	1	0	0	1	1
99.1	102.3	0.97	0	0	0	1	0
119	96.2	1.24	0	0	0	1	0
79.9	97.6	0.82	0	1	0	0	0
73.3	90.5	0.81	1	0	0	1	1
74.9	115.3	0.65	0	1	0	1	0
73.9	87.5	0.84	1	0	0	0	1
79.3	95.1	0.83	0	0	0	0	0
94.1	105.3	0.89	1	0	0	0	1
108.7	119.7	0.91	0	1	0	0	0
70.9	99.4	0.71	0	0	0	0	0
101.6	79.4	1.28	0	2	0	0	0
71.8	101.9	0.7	0	0	0	0	0
94.8	106.1	0.89	1	1	0	1	1
99.4	93.8	1.06	1	0	0	0	1
97.4	86.3	1.13	1	0	0	1	1
140.9	141.2	1	1	0	0	0	1
96.7	103.6	0.93	0	0	0	1	0
109.3	117.6	0.93	0	0	0	0	0
101.8	124.1	0.82	0	0	0	0	0
83	98.3	0.84	0	0	0	0	0
92.1	111.2	0.83	0	0	0	0	0
100.9	92.8	1.09	1	0	0	0	1
96.9	112.3	0.86	0	0	0	0	0
123.3	125.4	0.98	1	1	0	0	1
84.1	95.6	0.88	0	0	0	0	0
121.8	112.4	1.08	0	0	0	1	1
100.4	114.5	0.88	0	0	0	0	0
104.2	106.1	0.98	0	0	0	1	0
102.1	95.3	1.07	0	2	0	0	0
104	110.2	0.94	0	2	0	1	1
78.2	88.3	0.89	1	0	0	1	1
97.6	117.1	0.83	0	1	0	1	0
115.8	110.5	1.05	1	0	0	1	1
87.7	97.1	0.9	1	0	0	1	1
103.1	125.6	0.82	0	1	0	0	0

95.3	93.2	1.02	0	0	0	0	0
90.9	80.6	1.13	0	1	0	1	0
65.6	91.6	0.72	0	0	0	1	0
94.1	96.9	0.97	0	0	0	0	0
94.6	122.1	0.77	0	1	0	0	0
61.4	83.5	0.74	1	0	0	0	1
97.4	97.3	1	1	0	0	0	1
113.1	104.3	1.08	0	1	0	0	0
80.9	99.7	0.81	0	1	0	1	0
93	94.2	0.99	1	0	0	0	1
103.3	111.9	0.92	0	0	0	1	0
118.2	102.5	1.15	0	0	0	1	0
119.6	107.4	1.11	0	0	0	0	0
86.1	88.8	0.97	0	1	0	1	0
93.9	88.5	1.06	1	0	0	1	1
114.5	123.6	0.93	1	1	0	0	1
91	81.8	1.11	0	1	0	1	0
109.7	96.1	1.14	0	1	0	0	0
135.9	128.8	1.06	0	1	0	0	0
120.8	114.2	1.06	1	2	0	1	1
122.8	115.8	1.06	0	1	0	1	0
119.5	102.6	1.16	0	0	0	0	0
99.6	107.4	0.93	0	2	0	0	0
107.1	93.8	1.14	0	0	0	1	0
83.5	85.6	0.98	0	0	0	0	0
103.6	109.7	0.94	0	1	0	0	0
100.7	109.4	0.92	0	0	0	1	0
82.9	100	0.83	0	0	0	0	0
90.4	101	0.9	1	0	0	0	1
74.3	89.9	0.83	0	0	0	0	0
87.8	100.2	0.88	1	2	0	0	1
88.3	114.8	0.77	0	0	0	0	0
125	127.7	0.98	0	1	0	0	1
98.9	100.1	0.99	0	0	0	1	0
119.1	107.1	1.11	0	0	0	0	0
88.3	95.8	0.92	1	0	0	1	1
83.8	103.9	0.81	0	0	0	1	0
89.7	86.6	1.04	1	0	0	1	1
107.3	115.8	0.93	0	0	0	1	0
93.4	93.2	1	0	1	0	1	0
82.4	98.3	0.84	1	0	0	0	1
89.9	94.7	0.95	1	0	0	1	1
110.3	88.9	1.24	0	2	0	0	0
133.3	125	1.07	1	1	0	0	1
101.6	111.4	0.91	0	0	0	0	0
102.8	93.7	1.1	1	0	0	0	1
74	66.7	1.11	0	1	0	1	0
106.4	103.3	1.03	0	0	0	0	0
108.5	99.5	1.09	0	0	0	1	0
90	103.9	0.87	1	0	0	1	1



113.7	124.6	0.91	1	1	0	0	1
84.6	123.1	0.69	1	1	0	0	1
101.8	94.2	1.08	1	0	0	1	1
96.2	112	0.86	0	0	0	1	0
98.3	92	1.07	0	0	0	0	0
74.1	104.5	0.71	1	0	0	0	1
86.2	96.1	0.9	0	1	0	0	0
100	128.6	0.78	1	2	0	0	1
75.3	103.4	0.73	0	0	0	0	0
91	120.3	0.76	1	0	0	0	1
89	98.3	0.91	0	0	0	0	0
85.2	84.3	1.01	0	0	0	1	0
104.9	131.8	0.8	0	1	0	1	0
82.8	99.7	0.83	1	0	0	1	1
86.3	95.5	0.9	0	0	0	0	0
80.7	85.9	0.94	1	1	0	0	1
71.6	108.4	0.66	0	0	0	0	0
95.9	82.2	1.17	0	0	0	0	0
94.8	86.8	1.09	0	0	0	1	0
92.2	109.7	0.84	1	1	0	0	1
105.8	83.1	1.27	1	0	0	0	1
118.5	122.6	0.97	0	0	0	0	1
104.5	106.9	0.98	1	1	0	0	1
63.4	96.8	0.65	0	2	0	0	0
99.2	110.9	0.89	1	0	0	0	1
92.6	108.3	0.86	0	0	0	0	0
83.3	80.8	1.03	0	1	0	1	0
104.1	92.1	1.13	1	0	0	1	1
71.8	94.9	0.76	0	0	0	0	0
105.5	117.2	0.9	0	0	0	0	0
77	92.8	0.83	1	0	0	0	1
108.1	114.8	0.94	0	0	0	0	0
78.6	67.8	1.16	1	0	0	0	1
74.5	108.3	0.69	0	0	0	1	0
84.1	90.7	0.93	0	1	0	1	0
96.5	98.4	0.98	1	0	0	1	1
108.5	108.9	1	1	0	0	0	1
89.7	97.7	0.92	0	0	0	0	0
88.8	115.2	0.77	0	0	0	0	0
105	111.6	0.94	0	0	0	0	0
94	121.8	0.77	0	0	0	0	0
95.1	102.2	0.93	0	0	0	1	1
103.3	128.5	0.8	0	1	0	0	0
94.7	98.6	0.96	0	0	0	0	0
85.2	101.9	0.84	0	1	0	0	0
108.3	110.8	0.98	1	0	0	1	1
79.6	108	0.74	0	0	0	1	1
96	96.7	0.99	0	0	0	0	0
107.1	113.4	0.94	0	1	0	1	0
65.6	91	0.72	0	0	0	0	0

56.5	75.9	0.74	0	1	0	1	0
72.6	78.4	0.93	0	0	0	1	0
102	98.3	1.04	1	0	0	1	1
93.9	114.3	0.82	0	1	0	0	0
76	96	0.79	0	0	0	0	0
87.5	81.5	1.07	1	0	0	0	1
114.2	110.3	1.04	0	0	0	0	0
105.8	102.2	1.04	0	0	0	0	0
121.3	104.8	1.16	0	2	0	0	0
115.1	119.7	0.96	1	0	0	0	1
90.9	113.1	0.8	1	0	0	0	1
95.1	118.3	0.8	0	1	0	0	0
83.7	107.5	0.78	0	1	0	0	0
106.4	88.3	1.2	1	0	0	0	1
102	112.5	0.91	0	1	0	0	0
76.1	100.7	0.76	1	1	0	0	1
69.8	83.1	0.84	0	1	0	1	0
103.7	103.8	1	1	0	0	0	1
123.7	115.3	1.07	0	0	0	0	0
93.5	121.4	0.77	0	0	0	1	0
92.2	98.7	0.93	0	0	0	1	0
86.4	103.8	0.83	1	0	0	1	1
104.9	138.4	0.76	1	0	0	0	1
87.6	92.4	0.95	1	2	0	0	1
72.4	93.2	0.78	1	0	0	0	1
75.1	89.5	0.84	1	0	0	0	1
106.3	107.7	0.99	0	0	0	0	0
101.4	108	0.94	0	0	0	0	0
113.4	120.2	0.94	0	0	0	1	0
94.5	94.8	1	0	0	0	0	0
99.9	90.7	1.1	1	0	0	1	1
113.6	111.5	1.02	1	0	0	0	1
120.6	113.2	1.07	0	1	0	1	0
99.6	121.1	0.82	0	1	0	1	1
77.5	96.5	0.8	0	0	0	0	0
94.9	102.3	0.93	0	0	0	1	0
110.1	108.6	1.01	0	0	0	1	1
100.2	101.7	0.99	1	0	0	0	1
105.3	115.1	0.91	0	2	0	0	1
64.8	103.4	0.63	1	0	0	0	1
91.5	90.5	1.01	0	0	0	1	0
77	90.3	0.85	0	2	0	1	0
91.7	92.4	0.99	0	0	0	0	0
97.1	114.5	0.85	0	1	0	0	0
109.5	112.9	0.97	1	2	0	0	1
84.2	100.4	0.84	1	2	0	0	1
86.3	68.8	1.25	0	2	0	1	0
96.9	109	0.89	0	1	0	1	0
66.6	78.5	0.85	0	1	0	0	0
89.8	75.4	1.19	1	0	0	1	1

58.3	63.9	0.91	0	0	0	1	0
63.5	98	0.65	0	0	0	0	0
98.9	91.5	1.08	0	2	0	0	0
85.6	110.5	0.77	0	0	0	1	0
74.6	103	0.72	0	0	0	1	0
96.7	99.6	0.97	0	0	0	0	0
78	90.6	0.86	0	0	0	1	0
97.3	113	0.86	1	0	0	1	1
136.5	108.7	1.26	1	1	0	0	1
111.3	99	1.12	1	0	0	0	1
105.9	107.2	0.99	0	0	0	1	1
102.6	106.4	0.96	0	0	0	0	0
101.2	122.7	0.82	0	0	0	0	0
116.9	122.8	0.95	0	0	0	0	0
60.7	103.6	0.59	1	0	0	0	1
64.3	81.8	0.79	0	1	0	0	0
53.1	82.4	0.64	0	1	0	0	0
79.7	86.2	0.92	1	0	0	0	1
107.3	112.3	0.96	0	0	0	0	0
83.2	86.3	0.96	0	0	0	0	0
65.7	104.3	0.63	1	2	0	1	1
75.8	86.4	0.88	0	0	0	0	0
90.1	104.7	0.86	0	0	0	0	0
120.7	121.4	0.99	0	0	0	1	0
99	127.8	0.77	1	1	0	0	1
90.4	91.5	0.99	0	1	0	1	0
102.8	109.9	0.94	1	2	0	1	1
88.3	102.6	0.86	0	1	0	1	0
90.5	115.6	0.78	0	0	0	0	0
107.9	114.3	0.94	1	1	0	0	1
73.9	87.7	0.84	0	2	0	1	0
92.5	125	0.74	1	0	0	0	1
108.4	99	1.09	0	0	0	1	0
91.1	101.7	0.9	0	0	0	1	0
67.4	82.9	0.81	0	1	0	0	0
94.8	95.7	0.99	1	2	0	1	1
100.8	103.2	0.98	0	2	0	0	1
107.4	119	0.9	1	0	0	0	1
116	117.6	0.99	0	1	0	0	0
86	94.4	0.91	0	1	0	1	0
92.2	121.5	0.76	0	0	0	0	0
73.7	104.7	0.7	1	2	0	0	1
89.3	104.2	0.86	1	1	0	1	1
95.7	107.6	0.89	1	0	0	1	1
105.5	103.2	1.02	0	0	0	1	0
97.8	106.6	0.92	1	0	0	0	1
101.6	85.9	1.18	0	0	0	1	0
80.9	91.6	0.88	1	0	0	0	1
91.7	85.6	1.07	1	0	0	0	1
70.4	85.9	0.82	0	2	0	0	0

87.5	117.2	0.75	0	0	0	0	0
76.2	85.1	0.9	0	1	0	0	0
77.3	104.1	0.74	0	1	0	0	0
126.3	108	1.17	0	0	0	1	0
94.2	119.3	0.79	0	0	0	0	0
73.7	87.2	0.85	0	2	0	0	0
86.4	96	0.9	1	0	0	0	1
112	117.4	0.95	0	2	0	1	0
113.8	105.7	1.08	0	1	0	0	0
95.1	97.9	0.97	0	0	0	0	0
78.7	96.4	0.82	0	0	0	0	0
80.7	84	0.96	0	0	0	0	0
93.7	101.6	0.92	0	0	0	1	0
69.9	89	0.79	0	1	0	1	0
108.8	109.3	1	0	0	0	1	0
111.8	105.1	1.06	0	1	0	1	1
104.8	121	0.87	0	0	0	1	0
64.6	101	0.64	0	0	0	1	0
115	92.2	1.25	0	0	0	0	0
101.8	109.2	0.93	0	0	0	0	0
70.5	68.4	1.03	0	2	0	0	0
75.7	81.7	0.93	0	0	0	1	0
98.7	107.9	0.91	1	0	0	1	1
98	114.8	0.85	1	0	0	1	1
96.9	87.2	1.11	0	0	0	0	0
100.5	89.4	1.12	0	0	0	0	0
115	123	0.93	1	0	0	0	1
79.4	105.8	0.75	1	0	0	0	1
97.5	106.6	0.91	0	0	0	1	0
114.3	101.8	1.12	0	0	0	1	0
98.5	93.7	1.05	0	0	0	0	0
121.5	122.7	0.99	1	1	0	1	1
84	96.5	0.87	0	0	0	0	0
71.5	80.5	0.89	0	0	0	0	0
112.9	107.9	1.05	1	1	0	1	1
98.2	113.8	0.86	0	0	0	1	0
99.8	105.2	0.95	1	1	0	1	1
99	104	0.95	1	1	0	1	1
87.4	85.4	1.02	0	0	0	1	0
116	139.3	0.83	0	1	0	0	0
109.1	118.7	0.92	1	1	0	0	1
108.7	100.1	1.09	1	1	0	1	1
125.5	137.2	0.91	1	1	0	0	1
75.2	79.6	0.94	0	0	0	0	0
91.4	94.7	0.97	0	0	0	1	0
81.6	76.2	1.07	0	0	0	1	0
91.6	92.4	0.99	0	0	0	1	0
94.5	95.3	0.99	0	0	0	1	0
98.7	106.2	0.93	0	0	0	0	0
123.7	121.4	1.02	0	0	0	0	0

89.8	115.3	0.78	0	2	0	1	0
89.2	96.8	0.92	0	0	0	0	0
80.7	111.6	0.72	0	0	0	1	0
86.9	89.1	0.98	0	0	0	1	0
106.5	91.4	1.17	0	1	0	1	0
85.6	109.4	0.78	0	0	0	0	0
111	102.9	1.08	0	0	0	0	0
81.8	133.8	0.61	1	0	0	0	1
116.4	80	1.46	0	1	0	1	0
100.2	108	0.93	1	0	0	1	1
86.4	115.8	0.75	1	1	0	0	1
63.1	95.4	0.66	0	0	0	0	0
40.3	89.7	0.45	1	2	0	0	1
87.2	102.8	0.85	1	0	0	0	1
82.6	92.8	0.89	1	0	0	1	1
97.5	106.6	0.91	0	0	0	0	0
90.7	82.3	1.1	0	0	0	0	0
111	98.1	1.13	1	0	0	0	1
68.9	82.1	0.84	0	0	0	0	0
112.6	112.8	1	0	0	0	1	0
103.1	129.2	0.8	0	0	0	1	0
96.5	102.5	0.94	0	0	0	1	0
106.5	105.3	1.01	0	1	0	1	0
106	105.3	1.01	0	0	0	1	0
78	89.3	0.87	1	1	0	0	1
84.6	106.4	0.8	0	0	0	0	0
110.3	112.1	0.98	0	0	0	1	0
94	111.3	0.84	1	0	0	0	1
79.7	82.6	0.96	1	0	0	0	1
80.8	98.3	0.82	1	2	0	1	1
109.1	128	0.85	1	1	0	0	1
82.8	81.8	1.01	0	0	0	0	0
64	84.5	0.76	0	0	0	0	0
79.5	81	0.98	0	1	0	0	0
81.7	115.2	0.71	1	1	0	0	1
89.7	104.6	0.86	1	0	0	1	1
121.1	129.6	0.93	0	0	0	0	0
107.2	117.6	0.91	0	0	0	1	0
91	104.9	0.87	0	1	0	1	0
95.3	93.4	1.02	0	0	0	1	0
88.2	106.6	0.83	0	0	0	0	1
112.2	116.9	0.96	0	2	0	1	1
95.3	112.9	0.84	0	2	0	0	0
111.7	113.2	0.99	0	1	0	0	0
90.6	92.7	0.98	1	0	0	1	1
107.5	120.3	0.89	0	1	0	1	0
118.9	103.1	1.15	1	0	0	0	1
76.4	98.8	0.77	0	0	0	0	0
102.3	110.1	0.93	0	0	0	1	0
104.2	124.1	0.84	1	1	0	0	1

79.2	81.6	0.97	0	0	0	0	0
66.1	85.5	0.77	0	1	0	0	0
81.6	101.4	0.8	0	1	0	1	0
101.1	102.3	0.99	0	1	0	1	0
88.6	99.6	0.89	0	2	0	0	0
92.5	100.4	0.92	0	0	0	0	0
81.1	84.9	0.96	0	1	0	0	0
117.3	88.6	1.32	1	0	0	0	1
114.1	123.5	0.92	0	2	0	1	1
73.4	85.8	0.86	0	2	0	0	0
84.7	102	0.83	1	0	0	1	1
104.7	87	1.2	0	0	0	0	0
110.7	131.6	0.84	0	0	0	0	0
119.1	113.5	1.05	0	0	0	0	0
83.7	102.2	0.82	0	1	0	0	0
108.7	92.8	1.17	0	0	0	1	0
107	127	0.84	0	0	0	0	0
73.6	94.8	0.78	1	0	0	1	1
107	95.6	1.12	0	1	0	0	1
73.7	103.2	0.71	0	0	0	0	0
81.7	101.6	0.8	0	1	0	0	0
87.7	97.4	0.9	1	0	0	0	1
112.9	115.4	0.98	0	0	0	0	0
81.8	100.7	0.81	0	0	0	1	1
85.2	94.9	0.9	0	1	0	0	0
81.2	87.5	0.93	0	2	0	1	0
114	113.8	1	0	0	0	0	0
126.1	117.2	1.08	0	0	0	0	0
60.8	92.7	0.66	0	0	0	1	0
93.1	122.9	0.76	0	0	0	1	1
89.6	95.4	0.94	0	0	0	0	0
93.1	108.7	0.86	0	0	0	0	0
119.2	124.4	0.96	1	0	0	0	1
111.3	125	0.89	0	0	0	0	0
94.7	89.6	1.06	1	0	0	0	1
94.1	108.3	0.87	1	0	0	1	1
65.6	85.8	0.76	1	2	0	0	1
110.8	111.5	0.99	1	0	0	0	1
118.6	113.5	1.04	0	0	0	0	0
68.6	92.6	0.74	0	0	0	0	0
89.5	117.7	0.76	0	0	0	1	0
72.5	93.4	0.78	1	1	0	0	1
97.6	81.2	1.2	0	0	0	0	0
100.4	114.3	0.88	1	1	0	1	1
116.1	90	1.29	0	0	0	0	0
86.8	86.2	1.01	0	0	0	0	0
83.3	102.8	0.81	0	1	0	1	0
89.5	90.5	0.99	0	0	0	1	0
97.3	125.2	0.78	1	2	0	0	1
88.1	94	0.94	0	0	0	0	0

107.3	121.7	0.88	0	0	0	0	0
87.8	96.6	0.91	0	0	0	0	0
110.7	108	1.03	1	1	0	0	1
86.5	96.7	0.89	0	1	0	1	0
94.4	89.2	1.06	0	0	0	0	0
74.2	81.2	0.91	0	2	0	0	0
80.8	97.6	0.83	0	2	0	1	0
91.7	96.6	0.95	0	0	0	0	0
95.9	114.2	0.84	1	0	0	0	1
100.1	118.7	0.84	1	0	0	0	1
81.7	76.3	1.07	0	0	0	0	0
65.4	101.6	0.64	0	1	0	0	0
97.4	99.1	0.98	1	0	0	0	1
82.3	116.2	0.71	0	0	0	0	0
99.2	123.4	0.8	1	0	0	1	1
112.3	129.2	0.87	0	0	0	1	1
72.1	87.7	0.82	0	1	0	0	0
67.4	66.3	1.02	0	0	0	0	0
74.6	87.5	0.85	0	0	0	0	0
103.2	99.6	1.04	0	0	0	0	0
91.8	104.2	0.88	1	0	0	0	1
108.1	101.2	1.07	0	2	0	0	0
90.4	97.2	0.93	0	0	0	0	0
72.2	100.9	0.72	0	0	0	1	0
87.6	108.8	0.81	1	0	0	0	1
89.8	85.8	1.05	0	0	0	1	0
126.4	122.4	1.03	0	1	0	1	1
119.6	120.5	0.99	0	1	0	0	0
69.4	80.3	0.86	1	2	0	0	1
77	87.7	0.88	1	0	0	0	1
96.5	113.4	0.85	1	1	0	0	1
108.1	134.4	0.8	0	0	0	0	0
95.9	81.2	1.18	0	0	0	0	0
99.7	105.8	0.94	1	0	0	0	1
87.7	101.8	0.86	1	0	0	0	1
106	120.7	0.88	1	0	0	1	1
89.3	112	0.8	0	0	0	1	0
125.3	115.7	1.08	0	1	0	0	0
87	85.7	1.02	0	2	0	1	0
93	111	0.84	1	0	0	1	1
95.4	87.6	1.09	0	1	0	0	0
105.4	104.8	1.01	0	0	0	0	0
91.8	104.8	0.88	1	0	0	1	1
94.7	102	0.93	0	0	0	0	0
112.7	99.5	1.13	0	0	0	0	0
93.5	117.1	0.8	0	1	0	1	0
96.1	126.5	0.76	1	0	0	1	1
106.7	111.4	0.96	0	1	0	0	0
88	101.3	0.87	0	0	0	1	0
83.6	90.3	0.93	0	1	0	0	0

123.8	108.7	1.14	0	0	0	1	0
106.3	102.1	1.04	0	1	0	0	0
82.2	97.6	0.84	0	0	0	0	0
105.7	89.8	1.18	0	0	0	0	0
88.4	97	0.91	0	1	0	1	0
67.3	94.7	0.71	0	0	0	1	0
89.7	88.3	1.02	0	0	0	1	0
83.9	92.2	0.91	0	2	0	1	0
73.4	94	0.78	0	0	0	1	0
110.6	100.3	1.1	1	1	0	1	1
99.3	102.2	0.97	0	0	0	1	0
115.5	124	0.93	0	0	0	1	0
91.4	103.9	0.88	0	0	0	0	0
100.6	102	0.99	0	0	0	1	0
84.6	89.6	0.94	1	0	0	0	1
81	103.1	0.79	0	1	0	1	0
78.8	77.8	1.01	0	0	0	0	0
90.6	81.8	1.11	0	0	0	1	0
92.4	102.5	0.9	0	0	0	0	0
63	102.6	0.61	1	1	0	1	1
116.3	101.5	1.15	1	1	0	0	1
76.1	102.5	0.74	1	0	0	0	1
65.5	73	0.9	1	0	0	1	1
67.1	81.4	0.82	0	1	0	0	0
119.9	123.2	0.97	1	0	0	1	1
57	87.3	0.65	0	1	0	1	0
90.5	97.6	0.93	1	0	0	0	1
86.8	104.2	0.83	0	2	0	0	0
98.9	109.3	0.9	0	0	0	1	0
81.4	113.7	0.72	0	1	0	1	0
90	102.7	0.88	0	0	0	0	0
90.4	102.6	0.88	0	1	0	0	0
86.6	103.6	0.84	0	0	0	0	0
98.4	115.9	0.85	0	0	0	0	0
99.9	123.3	0.81	0	0	0	0	0
74.4	77.8	0.96	0	1	0	0	0
100.8	114.7	0.88	1	0	0	0	1
75.8	96.2	0.79	1	0	0	0	1
61.1	94.6	0.65	0	0	0	0	0
94.1	108.6	0.87	0	1	0	0	0
102	104.4	0.98	0	1	0	0	0
91.3	107.9	0.85	1	0	0	0	1
90.6	111.4	0.81	0	1	0	1	0
99.8	96.2	1.04	0	1	0	1	0
113	124.2	0.91	0	0	0	0	1
67.7	76.1	0.89	0	1	0	0	0
86.6	89.8	0.96	0	1	0	0	0
87.5	115.7	0.76	0	0	0	0	0
86.5	102.8	0.84	0	0	0	0	0
92.2	99.7	0.92	0	0	0	1	0



87.5	94.9	0.92	0	1	0	1	0
94.8	92.2	1.03	0	0	0	1	0
87.5	94.5	0.93	0	0	0	0	0
117.8	104.1	1.13	0	0	0	1	0
102.5	102.9	1	1	0	0	1	1
127.2	120.9	1.05	0	0	0	1	1
93.5	111.3	0.84	0	2	0	1	0
68.2	89.2	0.76	0	0	0	1	0
115.9	91.7	1.26	0	0	0	0	0
108.1	112.5	0.96	1	2	0	1	1
79.4	81	0.98	0	0	0	1	0
130	104.2	1.25	1	1	0	0	1
84.6	124.8	0.68	1	1	0	0	1
91.8	102.6	0.89	0	0	0	0	0
84.7	113.2	0.75	0	0	0	1	1
109.4	107.8	1.01	1	2	0	1	1
102.8	98.9	1.04	0	1	0	1	0
108	95.6	1.13	0	1	0	1	0
58.4	98.2	0.59	0	1	0	0	0
93.1	92.1	1.01	0	0	0	0	0
90.8	101.6	0.89	0	0	0	0	0
68.5	104	0.66	0	0	0	0	0
91.8	110.7	0.83	1	0	0	0	1
123.7	98.3	1.26	0	0	0	1	1
87.8	112	0.78	0	0	0	1	0
115	114.2	1.01	0	0	0	0	0
88.5	83.9	1.05	0	0	0	0	0
94.3	110.8	0.85	0	0	0	0	0
84.8	110.9	0.76	0	0	0	1	1
89.5	103.9	0.86	0	0	0	1	0
99.7	101.1	0.99	1	0	0	0	1
70.6	92.9	0.76	0	0	0	1	0
87.3	90	0.97	0	2	0	1	0
93.7	93.9	1	0	0	0	0	0
133.5	122.3	1.09	1	1	0	1	1
62.3	82	0.76	0	0	0	0	0
109.5	122.5	0.89	1	1	0	1	1
107.1	124.4	0.86	1	1	0	1	1
72.1	93.1	0.77	0	1	0	0	0
107.8	116.6	0.92	0	0	0	1	1
96.7	98.6	0.98	0	0	0	1	0
69.8	93.4	0.75	0	0	0	0	0
94.5	116.8	0.81	0	1	0	0	0
108.8	119.8	0.91	1	1	0	0	1
104.7	110.2	0.95	0	2	0	0	0
109.1	118.2	0.92	0	2	0	1	0
85.2	97.9	0.87	0	2	0	1	0
115.1	131.3	0.88	0	0	0	0	0
92.8	121.2	0.77	1	0	0	0	1
97.9	110.3	0.89	0	2	0	1	0

113.7	128.9	0.88	0	1	0	0	0
113.7	146.5	0.78	1	0	0	0	1
80.5	105.8	0.76	0	0	0	0	0
93.4	93.6	1	1	0	0	1	1
94	93.4	1.01	0	0	0	1	0
79.3	103.2	0.77	1	1	0	1	1
106.8	96.4	1.11	1	2	0	0	1
58.3	80.1	0.73	0	0	0	0	0
109.8	123.5	0.89	0	0	0	0	0
77.2	85.1	0.91	0	1	0	0	0
109.9	104.3	1.05	0	1	0	1	1
55	89.7	0.61	0	1	0	1	0
95.2	105.3	0.9	0	0	0	0	0
67.5	91.3	0.74	0	1	0	1	0
136.4	107.8	1.27	0	1	0	0	0
113.3	124.4	0.91	0	0	0	0	0
65	86.3	0.75	0	2	0	0	0
102.6	108.1	0.95	1	1	0	0	1
89.6	104.6	0.86	0	0	0	1	0
96.7	110.4	0.88	0	0	0	0	0
110.1	107	1.03	1	0	0	1	1
104.8	113	0.93	0	2	0	1	0
99.3	122.5	0.81	0	1	0	0	0
94.9	107	0.89	0	0	0	0	0
102.3	125.6	0.81	0	1	0	0	0
92.5	100.2	0.92	0	0	0	1	1
86.9	93.9	0.93	0	0	0	0	0
87.4	105.3	0.83	1	0	0	0	1
88.3	92.5	0.95	1	2	0	1	1
68.1	101.6	0.67	1	0	0	0	1
94.3	101.5	0.93	0	0	0	0	0
107	127.9	0.84	0	1	0	0	0
91.4	93.7	0.98	0	2	0	0	0
105.6	107.2	0.99	1	1	0	1	1
70.6	113	0.62	0	1	0	1	0
86.5	110.4	0.78	1	0	0	0	1
100.3	95.6	1.05	0	0	0	1	0
112.5	112	1	0	0	0	0	0
87	95.9	0.91	1	0	0	1	1
121.1	101.2	1.2	0	0	0	0	0
106.8	113.2	0.94	1	2	0	1	1
95.9	100.6	0.95	0	1	0	0	0
107.3	116.1	0.92	0	1	0	1	0
114.1	112	1.02	0	0	0	1	1
99.9	116.2	0.86	1	0	0	0	1
100.3	82.9	1.21	0	1	0	1	0
104.5	105.6	0.99	1	0	0	0	1
103.4	98	1.06	0	0	0	0	0
106.8	104.2	1.02	0	0	0	1	0
79.5	113.5	0.7	0	1	0	0	0

121.3	91.2	1.33	0	0	0	0	0
89.2	107.9	0.83	0	1	0	0	0
84.4	73	1.16	0	0	0	1	0
93.3	106.6	0.88	0	1	0	1	0
60.4	81.5	0.74	1	0	0	0	1
81.3	85.5	0.95	0	0	0	0	0
82.8	98.3	0.84	1	0	0	0	1
87.7	96.1	0.91	1	0	0	0	1
107.8	122.7	0.88	1	2	0	0	1
89.4	61.5	1.45	0	0	0	1	0
120.3	114.9	1.05	0	0	0	0	0
121.1	134	0.9	0	0	0	0	0
82.9	105.7	0.78	0	1	0	0	0
67.6	82.6	0.82	0	1	0	1	0
121.2	101.4	1.2	0	0	0	1	1
122.3	111	1.1	0	0	0	1	0
97.6	109.9	0.89	0	0	0	1	0
94.5	94.8	1	0	0	0	0	0
103.3	119.7	0.86	1	1	0	1	1
85.7	106.7	0.8	0	1	0	0	0
93.2	101.9	0.91	0	0	0	1	0
98.9	85.3	1.16	1	0	0	0	1
90.9	97.7	0.93	1	2	0	1	1
80.8	94.9	0.85	0	0	0	0	0
94.3	97.9	0.96	0	1	0	0	0
111.6	123.6	0.9	0	1	0	1	0
103.5	119.8	0.86	0	1	0	0	0
83.9	121.5	0.69	1	1	0	0	1
99.9	101.5	0.98	1	0	0	0	1
110.9	104.8	1.06	0	0	0	1	1
109.1	115.5	0.94	0	0	0	0	0
106.4	116.7	0.91	0	0	0	1	1
108.4	104.3	1.04	0	1	0	1	1
111.3	112.2	0.99	1	2	0	1	1
78.4	90.6	0.87	0	0	0	1	1
83.2	94.7	0.88	0	2	0	0	0
105.5	108.2	0.98	0	0	0	0	0
83.2	97	0.86	0	0	0	0	0
81.7	82.6	0.99	0	0	0	1	0
85.7	112.4	0.76	0	0	0	1	0
102.3	105.2	0.97	0	0	0	1	0
53.7	84.7	0.63	0	1	0	1	0
81.7	92.1	0.89	0	0	0	1	0
96.9	96.2	1.01	0	0	0	0	0
121.2	115.2	1.05	1	0	0	0	1
116.6	124.2	0.94	1	0	0	0	1
110.6	100.8	1.1	0	0	0	1	0
102.7	104.9	0.98	1	0	0	0	1
101.4	116.7	0.87	1	1	0	1	1
98.9	91.1	1.09	0	1	0	1	0

75.6	88.9	0.85	0	0	0	1	0
75.1	100.8	0.75	1	0	0	1	1
82.1	70.9	1.16	0	1	0	0	0
102	96.6	1.06	0	2	0	0	0
78.6	86.3	0.91	0	0	0	0	0
94.2	105.3	0.89	0	0	0	1	0
108.9	100.7	1.08	0	0	0	1	0
108.3	116.1	0.93	1	0	0	1	1
71.8	82.5	0.87	1	0	0	0	1
100	87.9	1.14	0	0	0	1	0
106.9	108.5	0.99	1	0	0	1	1
71.2	110	0.65	1	0	0	1	1
69.8	82.2	0.85	1	0	0	1	1
87.1	105.7	0.82	0	1	0	1	0
67.4	91.8	0.73	0	1	0	1	0
69.8	93.5	0.75	0	0	0	1	0
99.7	102.9	0.97	1	1	0	0	1
105.7	109.8	0.96	0	2	0	0	0
107.8	116.3	0.93	0	0	0	0	0
116.8	126.9	0.92	0	2	0	0	0
99.1	104.9	0.94	1	1	0	0	1
102.7	110.9	0.93	1	0	0	1	1
64.5	81.8	0.79	1	0	0	0	1
98	102.2	0.96	0	0	0	0	0
90.5	114.8	0.79	0	0	0	0	0
73.5	95	0.77	0	0	0	0	0
119.9	124.1	0.97	0	0	0	0	0
86.4	116.4	0.74	0	0	0	0	0
65.9	92.7	0.71	0	1	0	1	0
85.3	88.8	0.96	0	1	0	0	0
107.7	142.4	0.76	0	0	0	1	1
76.6	81	0.95	0	0	0	1	0
59.4	88.1	0.67	1	0	0	0	1
98.6	86.8	1.14	0	1	0	1	0
68.9	88.5	0.78	0	1	0	1	0
109.6	120.4	0.91	0	1	0	0	0
80	87.4	0.92	1	0	0	0	1
74.4	109.8	0.68	0	2	0	1	0
94.5	118	0.8	1	1	0	1	1
113.1	115.4	0.98	0	1	0	0	0
94	125.1	0.75	0	1	0	1	0
76.9	95.9	0.8	0	0	0	1	0
98.1	100.9	0.97	0	0	0	0	0
84.6	90.8	0.93	1	0	0	0	1
100.9	118.4	0.85	0	1	0	1	0
100.4	113.4	0.89	1	0	0	0	1
82.5	101.3	0.81	0	2	0	1	0
111.3	106.8	1.04	0	2	0	1	0
80.5	108.9	0.74	0	0	0	0	0
117.3	138.5	0.85	0	1	0	0	1

125.8	112.6	1.12	0	0	0	1	0
102.1	119.7	0.85	0	0	0	1	0
109.2	126.3	0.86	1	0	0	0	1
86.4	90	0.96	0	1	0	0	0
68.7	99.4	0.69	0	2	0	1	0
92.8	101.3	0.92	0	0	0	0	0
89.2	88.4	1.01	0	0	0	0	0
82.6	88.5	0.93	1	0	0	1	1
86.5	118.8	0.73	0	0	0	1	0
88.7	117.4	0.76	0	0	0	1	0
89.5	83.3	1.07	0	1	0	0	0
104.4	104.6	1	0	0	0	1	0
76.1	94.8	0.8	0	1	0	1	0
108.1	115.5	0.94	0	0	0	0	0
103.4	111	0.93	0	0	0	1	1
113.3	100.2	1.13	0	0	0	0	0
100	117.8	0.85	1	2	0	0	1
89.7	87.7	1.02	0	1	0	0	0
78.3	86.3	0.91	1	0	0	1	1
102.7	104.7	0.98	0	0	0	0	0
89	120.3	0.74	0	0	1	1	1
83.1	98.3	0.85	1	0	0	0	1
93.6	71.2	1.31	0	0	0	0	0
52.6	93.4	0.56	0	1	0	0	0
68.3	78	0.88	0	0	0	1	0
95	94.4	1.01	0	1	0	1	0
111.9	122.5	0.91	0	0	0	1	1
78.3	91.3	0.86	0	0	0	0	0
104.8	101.3	1.03	0	1	0	0	0
85.5	96.1	0.89	1	1	0	1	1
102.6	124.1	0.83	0	1	0	0	0
93.3	104.1	0.9	0	2	0	0	0
76.9	105	0.73	1	0	0	0	1
76.4	107.4	0.71	1	1	0	0	1
75.5	79.8	0.95	1	0	0	1	1
101.2	123.9	0.82	1	1	0	0	1
83.4	97.7	0.85	0	1	0	0	0
90.3	111.6	0.81	0	1	0	0	0
99.6	93.8	1.06	1	1	0	1	1
88.2	96.4	0.91	1	0	0	1	1
121.6	123.5	0.98	0	0	0	1	0
103.8	98.9	1.05	0	0	0	1	0
63.1	80.4	0.78	0	1	0	1	0
118.9	109.7	1.08	1	1	0	0	1
97.9	123.4	0.79	0	0	0	1	0
78.1	124.4	0.63	0	0	0	0	0
87.5	91	0.96	0	2	0	0	0
78.5	130.1	0.6	0	0	0	0	0
110.3	137.2	0.8	0	0	0	0	0
69.5	114.5	0.61	0	1	0	1	0

92	100.1	0.92	0	0	0	0	0
103.6	113.9	0.91	0	1	0	0	0
93.6	112.8	0.83	0	0	0	0	0
92.5	94.6	0.98	0	2	0	0	0
87.2	86.5	1.01	0	0	0	0	0
77.4	93.9	0.82	0	1	0	1	0
93.2	113.6	0.82	1	1	0	0	1
88.7	104	0.85	0	1	0	1	0
116.3	144	0.81	1	0	0	0	1
73	94.1	0.78	0	2	0	0	0
117.8	124.9	0.94	0	1	0	0	1
79	94.7	0.83	0	0	0	0	0
92.7	105.7	0.88	1	0	0	0	1
96.4	109.1	0.88	0	0	0	1	0
105.3	101.2	1.04	0	0	0	0	0
105.5	114	0.93	0	0	0	1	0
119.2	133.4	0.89	0	0	0	0	0
91.6	93.3	0.98	0	0	0	0	0
83.1	104	0.8	0	1	0	1	1
89.2	78.8	1.13	0	0	0	0	0
75.4	74.3	1.01	0	2	0	0	0
98.6	114.4	0.86	0	0	0	1	0
82.7	108	0.77	0	2	0	1	0
93.8	122.2	0.77	0	1	0	0	0
117.8	111.9	1.05	1	0	0	1	1
104	102.8	1.01	0	0	0	1	0
86.8	93.2	0.93	0	2	0	1	0
89.1	94.9	0.94	0	0	0	0	0
71.9	101.6	0.71	0	0	0	0	0
106.9	117.8	0.91	0	2	0	0	0
70	106	0.66	0	0	0	1	0
83	98.8	0.84	0	0	0	0	0
85.8	93.5	0.92	1	0	0	0	1
92.5	117.5	0.79	0	0	0	1	0
72.6	93.4	0.78	1	1	0	1	1
103.8	105.4	0.98	0	0	0	1	0
105.6	112.4	0.94	0	0	0	0	0
93.7	89.7	1.04	0	1	0	0	0
100.8	94.2	1.07	1	2	0	1	1
99.5	77.7	1.28	0	0	0	0	0
121.6	122.1	1	0	0	0	0	0
102.1	128.6	0.79	0	0	0	1	0
97.3	115.3	0.84	0	0	0	0	0
77.4	96.4	0.8	0	0	0	1	0
92.6	91.9	1.01	0	1	0	0	0
71.5	90	0.79	0	2	0	1	0
86.5	83	1.04	0	0	0	0	0
80.7	102.1	0.79	1	1	0	0	1
94.7	104.4	0.91	1	1	0	0	1
82.1	102	0.8	0	0	0	1	0

100.6	114.6	0.88	0	1	0	0	0
97.2	107.4	0.91	0	0	0	0	0
90	88.1	1.02	0	0	0	1	1
115	118.3	0.97	0	0	0	0	0
103.2	122.6	0.84	1	0	0	1	1
82.7	100.1	0.83	0	1	0	0	0
109.6	107.6	1.02	0	0	0	1	0
95.9	94.8	1.01	1	0	0	0	1
88	111.3	0.79	0	0	0	1	0
97.4	97.4	1	1	1	0	0	1
113.8	97.8	1.16	0	2	0	1	0
85.1	105.9	0.8	0	1	0	0	0
87.7	99.3	0.88	0	1	0	0	0
103.1	117.3	0.88	0	0	0	1	0
110	92.1	1.19	0	1	0	0	0
97.7	103.9	0.94	0	2	0	0	0
103	115.1	0.89	0	2	0	0	0
114.3	118	0.97	0	0	0	0	0
94.3	100.7	0.94	1	1	0	0	1
102.9	122.9	0.84	0	1	0	1	0
113.6	102.7	1.11	1	1	0	0	1
128.9	128.6	1	0	2	0	0	0
106.4	116.8	0.91	0	0	0	1	0
86.6	101.5	0.85	0	1	0	0	0
116.9	104.8	1.12	0	0	0	0	0
98.2	112.9	0.87	0	0	0	0	0
97.3	104.6	0.93	0	1	0	1	0
87.8	110.1	0.8	0	0	0	0	0
57.4	88.4	0.65	0	1	0	0	0
73.7	78.5	0.94	0	1	0	0	0
69	83.8	0.82	0	1	0	0	0
116.5	86.3	1.35	1	1	0	1	1
86.3	105.2	0.82	0	0	0	0	0
89.4	103	0.87	0	0	0	0	0
111	118.8	0.93	0	1	0	0	0
102.9	101.5	1.01	0	2	0	1	0
96.1	98.1	0.98	0	1	0	1	0
84.7	105.4	0.8	0	1	0	1	0
75.2	95.5	0.79	0	1	0	0	0
109.6	100.5	1.09	0	0	0	1	0
73.5	94.4	0.78	1	0	0	0	1
84.4	102	0.83	0	0	0	0	0
97.8	126.9	0.77	0	1	0	0	0
75.3	97.7	0.77	0	0	0	0	0
86.7	82.1	1.06	0	1	0	1	0
71	104.4	0.68	1	0	0	1	1
102.1	139.2	0.73	0	0	0	1	0
97.4	101.9	0.96	0	0	0	0	0
102.6	100.5	1.02	0	0	0	1	0
84.7	95.8	0.88	0	0	0	1	0

81.8	95.2	0.86	0	0	0	0	0
98.7	111.6	0.88	0	0	0	1	0
68.6	97	0.71	0	0	0	1	0
85.5	124.3	0.69	0	1	0	0	0
69.8	96.8	0.72	0	0	0	1	0
114.2	114.7	1	0	0	0	1	0
91	96.3	0.94	0	0	0	0	0
87.9	96.5	0.91	1	1	0	0	1
91.3	84.9	1.08	0	0	0	1	0
86.2	87.4	0.99	1	0	0	1	1
90.2	115	0.78	0	1	0	1	0
83.7	114.4	0.73	1	1	0	0	1
88	93.4	0.94	0	2	0	1	0
121.3	124	0.98	1	0	0	0	1
96.1	101.3	0.95	1	0	0	0	1
98.9	84.2	1.17	1	0	0	0	1
102.5	110.1	0.93	0	0	0	1	1
92.8	89.5	1.04	1	1	0	1	1
99.6	100	1	0	1	0	0	0
98.7	116.3	0.85	0	0	0	0	0
77.4	103.9	0.74	0	0	0	0	0
84.7	95.6	0.89	1	0	0	0	1
85.7	101.5	0.84	0	0	0	1	0
88.3	81.8	1.08	0	0	0	0	0
126	116.5	1.08	0	0	0	0	0
111.6	110.2	1.01	0	0	0	1	1
91.7	106.4	0.86	1	0	0	0	1
135.8	110.7	1.23	0	0	0	0	0
77.3	99.4	0.78	0	0	0	1	0
90.9	107.5	0.85	0	1	0	1	0
94.3	111.5	0.85	0	1	0	1	0
82.9	97.1	0.85	0	2	0	1	0
102.4	112.1	0.91	0	1	0	1	0
96.9	102.1	0.95	0	0	0	0	0
107.1	142.6	0.75	0	0	0	0	0
81.9	107.3	0.76	1	1	0	0	1
99.6	85	1.17	1	0	0	0	1
104.4	137.7	0.76	1	1	0	1	1
86.2	122.5	0.7	1	1	0	0	1
95.1	88.3	1.08	0	1	0	1	0
112.8	116.2	0.97	0	0	0	0	0
63.5	66.8	0.95	0	0	0	0	0
92.3	89.7	1.03	0	2	0	0	0
86.9	92.4	0.94	1	0	0	0	1
80.4	100	0.8	1	1	0	0	1
76.4	85.3	0.9	1	0	0	1	1
63.8	95.6	0.67	0	2	0	0	0
101.3	116.8	0.87	1	0	0	1	1
70.8	83.4	0.85	0	2	0	0	0
93.9	102.3	0.92	0	0	0	1	0



93	112.2	0.83	0	0	0	0	0
93.8	79.9	1.17	1	0	0	0	1
114	133.9	0.85	1	1	0	1	1
101.6	103	0.99	1	1	0	1	1
113.1	116.9	0.97	0	0	0	0	0
107.8	99.5	1.08	1	0	0	1	1
92.9	118.9	0.78	0	0	0	0	0
73.8	86.3	0.86	0	0	0	0	0
122.8	143.2	0.86	0	1	0	1	0
104.6	82.7	1.26	1	1	0	0	1
82.1	87.8	0.94	0	2	0	0	0
97.2	103	0.94	0	0	0	1	0
62.8	94.5	0.66	0	0	0	0	0
105.7	84.1	1.26	0	0	0	1	0
83.3	89.1	0.93	0	0	0	0	0
75.7	97.6	0.78	0	0	0	0	0
88.2	103.2	0.85	0	2	0	0	0
80.3	93.7	0.86	1	0	0	1	1
80.1	72.2	1.11	0	0	0	1	0
100	96.9	1.03	1	0	0	1	1
102.9	98	1.05	0	0	0	1	0
96.9	99.5	0.97	0	0	0	0	0
127.1	120.8	1.05	0	0	0	0	0
99	133.7	0.74	1	1	0	0	1
92.5	115.6	0.8	0	1	0	1	0
85.6	100.2	0.85	0	0	0	1	0
91.3	94.3	0.97	0	1	0	0	0
85.2	103.1	0.83	0	0	0	1	0
114.5	94.9	1.21	0	0	0	1	1
114	94.7	1.2	0	0	0	0	0
90	74.2	1.21	1	2	0	0	1
92.1	97.8	0.94	0	1	0	1	0
100.9	129.1	0.78	0	1	0	0	0
87.6	92.5	0.95	0	1	0	1	0
92.7	85	1.09	0	0	0	0	0
113.3	109.5	1.03	0	0	0	1	0
75.6	99.6	0.76	1	1	0	0	1
101.2	112.2	0.9	1	0	0	0	1
63.6	98.7	0.64	1	1	0	0	1
113.7	125.1	0.91	1	0	0	0	1
118.6	119.7	0.99	0	0	0	1	1
68.3	84	0.81	0	1	0	0	0
56.6	96.9	0.58	1	0	0	0	1
87.7	101.4	0.86	0	0	0	0	0
97.9	91.4	1.07	1	0	0	1	1
89.3	90.8	0.98	1	0	0	0	1
96.4	115.1	0.84	0	1	0	0	0
74.5	90.2	0.83	0	2	0	0	0
88.9	107.6	0.83	1	1	0	1	1
72	88.8	0.81	0	0	0	0	0

95.8	123.1	0.78	0	0	0	0	0
121.2	124.6	0.97	0	0	0	0	0
77.1	96.7	0.8	1	0	0	0	1
81.2	91.5	0.89	0	2	0	0	0
92.5	83.7	1.11	0	1	0	0	0
83.5	93.2	0.9	0	0	0	0	0
75	86.4	0.87	1	0	0	0	1
80.5	91.5	0.88	0	0	0	0	0
91.2	99	0.92	1	0	0	0	1
85.6	84.6	1.01	0	0	0	0	0
124.1	105.8	1.17	0	0	0	1	0
85.3	81.5	1.05	0	1	0	1	0
86.2	102.3	0.84	0	0	0	0	0
92	107.5	0.86	0	0	0	0	0
97.8	86.7	1.13	0	1	0	0	0
91	101.6	0.9	0	1	0	0	0
83.5	65	1.28	1	0	0	0	1
52.7	85.7	0.61	0	2	0	0	0
64.3	83.2	0.77	0	1	0	1	0
96.7	115.9	0.83	1	0	0	0	1
96.2	101.3	0.95	0	1	0	0	0
85.9	116.4	0.74	0	0	0	0	0
83.2	97.1	0.86	1	0	0	0	1
94.2	107.9	0.87	1	0	0	0	1
125.3	108.2	1.16	0	0	0	1	0
111.9	119	0.94	0	1	0	0	0
103.6	107.9	0.96	0	0	0	1	0
108.8	118.7	0.92	1	1	0	1	1
93.7	98.4	0.95	1	1	0	0	1
80.4	91.1	0.88	0	0	0	0	0
88.9	108.5	0.82	0	0	0	0	0
68.9	88.2	0.78	0	2	0	0	0
87.5	102.6	0.85	0	0	0	1	0
75.3	94.1	0.8	0	0	0	0	0
104.7	131.6	0.8	1	0	0	0	1
100.4	118.1	0.85	0	2	0	0	0
106.9	104.3	1.02	0	0	0	0	0
100.9	93.9	1.07	0	1	0	1	0
68.5	93.4	0.73	0	1	0	0	0
96.5	103.2	0.94	0	2	0	1	0
86.5	118.8	0.73	0	0	0	0	0
103.6	110.5	0.94	0	0	0	0	0
100.3	92.4	1.09	0	0	0	0	0
109.2	109.7	1	0	0	0	0	0
107.5	106	1.01	0	0	0	0	0
109.8	105.9	1.04	0	0	0	0	0
104.9	120.4	0.87	0	0	0	0	0
84.7	90.1	0.94	0	0	0	0	0
102.2	108.5	0.94	0	1	0	1	0
83.7	88.6	0.94	0	0	0	1	0

99.9	72.7	1.37	1	1	0	1	1
125.7	113.3	1.11	1	0	0	1	1
107.8	100	1.08	0	1	0	0	0
89.7	113.2	0.79	1	0	0	0	1
104.9	108.1	0.97	1	2	0	1	1
76.7	92.2	0.83	1	1	0	0	1
83.8	103.1	0.81	0	2	0	0	0
86.7	97.2	0.89	0	1	0	1	0
112.7	124.4	0.91	0	1	0	0	0
87.1	91.2	0.96	0	0	0	1	0
94.1	85.1	1.11	1	1	0	0	1
112	106.1	1.06	0	0	0	1	0
87.8	96.9	0.91	0	1	0	1	0
88.4	101.4	0.87	0	2	0	0	0
87	119.3	0.73	0	0	0	0	0
88.9	100.4	0.89	1	1	0	1	1
92.6	104.5	0.89	0	1	0	0	0
80.3	111.5	0.72	1	0	0	1	1
102.6	98.7	1.04	1	0	0	1	1
106.6	90	1.18	0	0	0	1	0
72.4	80.3	0.9	0	0	0	0	0
87.8	93.2	0.94	0	1	0	0	0
67.9	116.2	0.58	0	1	0	1	0
86.3	103.4	0.83	0	1	0	0	0
86.2	108.4	0.8	0	1	0	0	0
70.7	101.6	0.7	0	0	0	0	0
121	130.5	0.93	0	2	0	0	0
65.2	93.2	0.7	0	1	0	0	0
101	108.7	0.93	0	2	0	1	0
95.5	99.2	0.96	0	0	0	1	0
61.3	105.2	0.58	1	0	0	0	1
88.5	118	0.75	1	1	0	1	1
98.2	69.6	1.41	0	1	0	1	0
88.7	107.3	0.83	1	1	0	0	1
64	82.6	0.77	0	0	0	0	0
93.5	105	0.89	1	0	0	0	1
99.7	105.2	0.95	0	0	0	1	0
70.6	85.5	0.83	1	1	0	0	1
100.6	125.6	0.8	0	0	0	0	0
112.4	119.8	0.94	0	0	0	1	1
66	82.7	0.8	0	0	0	0	0
86.3	116.7	0.74	1	0	0	1	1
100	86.2	1.16	0	1	0	0	0
86.2	120.3	0.72	0	1	0	1	0
64.7	97.8	0.66	0	0	0	1	0
84.8	90	0.94	1	1	0	0	1
82.4	105	0.78	0	0	0	1	0
85.7	102	0.84	0	1	0	1	0
82.9	88.5	0.94	0	0	0	0	0
97.2	104.9	0.93	0	0	0	1	0

100.6	124.6	0.81	1	0	0	1	1
69.1	94.4	0.73	0	0	0	0	0
95.5	86.2	1.11	0	0	0	0	0
102	124.9	0.82	1	1	0	1	1
85.6	112.2	0.76	0	0	0	0	0
109.5	88	1.24	0	0	0	0	0
92	116.7	0.79	0	1	0	1	1
87.6	114.6	0.76	1	0	0	0	1
75.6	97.5	0.78	1	0	0	0	1
69.7	104.6	0.67	1	1	0	0	1
104.1	131	0.79	0	0	0	1	0
94.8	91.8	1.03	0	0	0	0	0
105.3	117	0.9	0	0	0	1	0
101.5	123.1	0.82	1	0	0	1	1
90.7	90.1	1.01	1	1	0	0	1
87.6	87.1	1.01	1	0	0	0	1
96.5	94	1.03	0	1	0	0	0
95.6	92.2	1.04	1	0	0	1	1
83.4	93	0.9	1	0	0	0	1
83	106.5	0.78	0	2	0	0	0
71.8	103.4	0.69	1	0	0	1	1
86.1	108.6	0.79	1	0	0	0	1
109.3	109.1	1	0	0	0	0	0
105.2	136.5	0.77	1	2	0	0	1
66.8	105.5	0.63	1	1	0	1	1
74	102	0.73	0	0	0	0	0
83.7	104.1	0.8	0	0	0	0	0
99	91.9	1.08	0	2	0	0	0
100.5	108.2	0.93	0	1	0	1	1
80.9	111.1	0.73	0	0	0	0	0
114.8	120.9	0.95	0	1	0	0	1
81.5	94.4	0.86	1	2	0	0	1
88	99.2	0.89	1	0	0	0	1
70.7	90.9	0.78	1	1	0	0	1
97.2	96.3	1.01	0	0	0	0	0
101.1	94.1	1.07	1	0	0	0	1
102	113.6	0.9	1	1	0	0	1
118.6	132.6	0.89	1	1	0	1	1
72.1	94.7	0.76	0	0	0	0	0
73.9	100.5	0.74	0	1	0	0	0
85.6	100.3	0.85	0	0	0	0	0
108.2	108.9	0.99	0	1	0	0	0
102.8	109.9	0.94	1	0	0	1	1
102.5	122.6	0.84	0	0	0	0	0
71.9	77.3	0.93	0	0	0	1	0
93.9	118.9	0.79	0	1	0	1	0
60.2	88.6	0.68	0	1	0	0	0
77.9	92.2	0.84	1	1	0	0	1
89.9	97.5	0.92	0	1	0	0	0
90.5	103.6	0.87	1	0	0	0	1

103.8	101.9	1.02	0	0	0	0	0
105.3	128.2	0.82	0	0	0	0	1
97.7	106.3	0.92	0	0	0	1	0
90.8	93.6	0.97	1	0	0	1	1
117.5	113.1	1.04	0	2	0	0	0
91	99.6	0.91	1	0	0	0	1
102.6	117.5	0.87	1	1	0	0	1
95.5	92	1.04	1	1	0	1	1
86.4	94.5	0.91	1	0	0	0	1
95.5	111	0.86	0	1	0	0	0
123.9	110.1	1.13	0	2	0	0	1
112.5	101.9	1.1	0	0	0	0	0
103	93.2	1.11	0	1	0	0	0
95.6	110.6	0.86	0	1	0	1	0
94.3	104.3	0.9	0	1	0	1	0
83.9	100.7	0.83	0	0	0	0	0
83.8	109.8	0.76	0	1	0	1	0
104.4	110.4	0.95	0	0	0	0	0
95.8	117.4	0.82	0	0	0	1	0
105.8	107.8	0.98	0	0	0	0	0
100.1	114.1	0.88	0	0	0	0	0
107.9	109.2	0.99	0	0	0	0	0
125.9	126.8	0.99	0	0	0	1	0
86.7	88.6	0.98	0	0	0	1	0
85.7	66.8	1.28	0	1	0	1	0
87	99.5	0.87	0	0	0	0	0
70.8	112.7	0.63	0	0	0	1	0
83.2	107.7	0.77	1	0	0	1	1
101.2	95.9	1.06	1	0	0	1	1
75.6	80.1	0.94	0	0	0	0	0
76	67	1.13	0	0	0	0	0
90.3	103.4	0.87	1	2	0	1	1
93.2	96.3	0.97	0	1	0	1	0
106.3	108.1	0.98	0	0	0	0	0
96.4	117.6	0.82	0	0	0	1	0
98.3	96.1	1.02	0	0	0	1	0
84.6	95	0.89	0	0	0	1	0
84.4	117.5	0.72	0	2	0	1	0
78.6	113.3	0.69	1	1	0	0	1
119.9	122.4	0.98	0	1	0	0	0
92.1	102.7	0.9	1	1	0	0	1
78.1	85.8	0.91	1	0	0	0	1
87.4	122.1	0.72	0	0	0	0	0
79.9	104.6	0.76	1	0	0	1	1
98.4	110.4	0.89	0	0	0	1	0
100.3	102	0.98	0	1	0	0	0
98.1	101	0.97	0	1	0	0	0
105	100.7	1.04	0	1	0	0	0
79.9	78	1.02	0	0	0	0	0
60.2	77.8	0.77	0	0	0	0	0

115.7	118.5	0.98	0	0	0	0	0
95.5	98	0.97	1	0	0	0	1
111.6	113.7	0.98	0	1	0	1	0
79.6	97.7	0.81	1	0	0	0	1
75.2	97.4	0.77	0	0	0	1	0
86	76.1	1.13	0	1	0	1	0
111.6	116.3	0.96	1	1	0	0	1
98.4	133.8	0.74	0	0	0	0	0
93.3	92.4	1.01	0	1	0	0	0
81.6	114.6	0.71	0	0	0	1	0
95.4	71.8	1.33	0	0	0	0	0
102.8	120.9	0.85	0	0	0	0	0
114.7	88.7	1.29	0	2	0	1	0
116.6	125	0.93	1	1	0	1	1
106	107.6	0.99	1	0	0	0	1
103.5	117.8	0.88	0	2	0	0	0
105.8	118	0.9	0	0	0	1	1
110.3	93.9	1.17	0	0	0	0	0
110.3	107.8	1.02	0	0	0	0	0
90.9	97.2	0.94	0	0	0	0	0
98	98.3	1	1	2	0	0	1
84.3	103.9	0.81	1	0	0	1	1
85.1	105	0.81	0	1	0	0	0
88.1	93	0.95	0	2	0	0	0
96.9	109.9	0.88	0	1	0	1	0
112.5	108.8	1.03	1	0	0	1	1
80.4	125.6	0.64	0	0	0	0	0
100.5	120.3	0.84	0	0	0	0	0
96.5	108.7	0.89	1	2	0	0	1
76.5	95.6	0.8	1	1	0	0	1
90	78.2	1.15	0	1	0	1	0
101.9	87	1.17	0	0	0	1	0
86.9	103.7	0.84	0	1	0	1	0
92.4	95.8	0.96	1	1	0	1	1
68.8	85.8	0.8	0	1	0	0	0
106.7	103.6	1.03	0	0	0	1	0
99.1	108.3	0.92	1	0	0	0	1
81	104.8	0.77	0	1	0	0	0
105.8	101.3	1.04	0	0	0	1	0
71.1	108.6	0.65	0	0	0	1	0
96.2	101.1	0.95	0	1	0	0	1
119.3	127.3	0.94	0	0	0	1	0
89.1	107.8	0.83	0	0	0	1	0
95.7	112.6	0.85	0	0	0	1	0
94.5	99.2	0.95	1	1	0	0	1
85	96.9	0.88	0	0	0	0	0
86.1	86.8	0.99	0	1	0	1	0
82.7	109.7	0.75	0	1	0	1	0
80	92.4	0.87	1	2	0	0	1
113	99.1	1.14	0	1	0	0	0

95.3	119.4	0.8	0	0	0	1	1
104.2	81.9	1.27	0	0	0	1	0
97.1	98.8	0.98	0	1	0	1	0
108.5	99.9	1.09	0	0	0	1	0
67.2	96.2	0.7	0	1	0	1	0
100	105.9	0.94	0	0	0	1	0
82.6	80.9	1.02	0	0	0	0	0
78.5	102.7	0.76	1	0	0	1	1
84.6	100	0.85	0	0	0	1	0
59.8	100.3	0.6	1	1	0	0	1
92	89.7	1.03	1	0	0	0	1
117.2	131.2	0.89	0	0	0	0	0
93.5	97.8	0.96	0	0	0	0	0
77	94.7	0.81	0	0	0	0	0
99.7	101.2	0.99	0	1	0	0	0
109	126.2	0.86	0	1	0	0	0
56.5	72.5	0.78	1	0	0	0	1
116	105.3	1.1	1	0	0	0	1
110.9	118.8	0.93	0	0	0	1	0
107.9	104.8	1.03	0	1	0	0	0
98.2	98.4	1	1	0	0	1	1
78.1	113.9	0.69	0	1	0	0	1
98.9	108.2	0.91	0	0	0	1	0
72.7	90.1	0.81	0	0	0	0	0
85.4	101.4	0.84	0	2	0	1	0
99.9	124.6	0.8	0	2	0	0	0
107.9	111.1	0.97	0	0	0	1	0
106.4	106.4	1	0	0	0	1	0
86	99	0.87	0	0	0	0	0
79.9	112.7	0.71	0	0	0	1	0
98	92.4	1.06	0	0	0	1	0
93.5	103.5	0.9	1	2	0	1	1
110.6	121.7	0.91	0	1	0	0	0
96.6	75.4	1.28	0	1	0	0	0
94.4	101.3	0.93	1	1	0	0	1
69	99.2	0.7	0	0	0	1	0
105.2	110.7	0.95	1	0	0	0	1
106.1	109.6	0.97	0	0	0	0	0
108.4	118.8	0.91	0	2	0	1	1
104.1	123.4	0.84	0	0	0	1	0
81.3	84.1	0.97	0	0	0	0	0
67.3	78.5	0.86	0	1	0	0	0
93	100.6	0.92	0	0	0	1	0
92.1	78.9	1.17	0	0	0	0	0
86.2	95.3	0.9	0	0	0	1	0
101.5	96.1	1.06	0	0	0	0	0
69.8	101.2	0.69	0	1	0	0	0
120.5	121.8	0.99	1	1	0	1	1
103.4	121.5	0.85	0	0	0	1	0
102.6	86.5	1.19	0	2	0	1	0

88.2	87.5	1.01	0	0	0	1	0
82.1	111.6	0.74	0	1	0	1	0
106.4	122.2	0.87	0	1	0	1	0
87.6	93.4	0.94	1	0	0	0	1
91.7	97.7	0.94	1	1	0	0	1
96.6	105.8	0.91	0	0	0	0	0
100.5	102.9	0.98	0	1	0	1	0
98.8	116	0.85	0	0	0	0	0
93.7	109.1	0.86	1	1	0	1	1
107.7	106.5	1.01	0	1	0	0	0
63.8	95.8	0.67	1	2	0	0	1
123	108.6	1.13	0	0	0	1	1
66.2	86.6	0.76	0	0	0	0	0
102.4	92.6	1.11	1	0	0	1	1
87.3	99.6	0.88	0	0	0	0	0
92.7	100.8	0.92	0	0	0	0	0
100.1	111.1	0.9	0	0	0	0	0
97.6	99.4	0.98	0	1	0	1	0
96.9	98.7	0.98	1	1	0	0	1
82.8	83.2	1	0	1	0	1	0
115.4	106.8	1.08	0	0	0	1	0
101.1	104.5	0.97	1	0	0	0	1
95.2	103.9	0.92	0	0	0	1	0
94.4	102.1	0.92	0	0	0	0	0
118.6	120.2	0.99	0	0	0	1	1
118	123	0.96	0	0	0	0	0
95.5	114.8	0.83	0	0	0	0	0
84.1	114.6	0.73	0	0	0	0	0
89.9	94.8	0.95	1	1	0	0	1
107	120.8	0.89	1	0	0	0	1
116.1	106.5	1.09	0	0	0	1	1
83.4	119.3	0.7	1	0	0	1	1
90.2	108.7	0.83	0	0	0	1	0
106.9	109	0.98	0	1	0	0	0
81.8	88	0.93	0	2	0	1	0
90	94.4	0.95	0	1	0	0	0
87.8	120	0.73	1	1	0	0	1
102.9	113.1	0.91	0	0	0	0	0
79.7	105.9	0.75	0	0	0	0	0
70.5	96.3	0.73	0	0	0	1	0
74.2	105.9	0.7	0	2	0	0	0
84.2	109.5	0.77	1	1	0	1	1
90.9	102.7	0.89	0	0	0	1	0
90.6	98.9	0.92	0	1	0	1	0
83.5	111.3	0.75	1	0	0	1	1
82	95.8	0.86	0	0	0	1	0
73.9	97.3	0.76	0	1	0	1	0
77.7	97.7	0.8	0	0	0	1	1
91.5	97.7	0.94	0	0	0	0	0
96.9	102.4	0.95	0	0	0	0	0



101.7	99.4	1.02	1	0	0	1	1
106.9	103.4	1.03	0	0	0	0	1
91.6	97.3	0.94	0	0	0	0	0
91.3	86.6	1.05	1	0	0	1	1
96.8	113.2	0.86	1	1	0	0	1
96.9	91.5	1.06	1	0	0	0	1
109.6	118	0.93	0	0	0	0	0
99.7	87	1.15	1	0	0	1	1
122.3	108.5	1.13	1	0	0	0	1
67.8	104.9	0.65	0	1	0	1	0
100.4	124.4	0.81	0	0	0	1	0
101.5	92.9	1.09	0	1	0	0	0
79.9	91.1	0.88	0	1	0	0	0
83.2	72.5	1.15	1	0	0	1	1
95.8	99.9	0.96	0	1	0	0	0
116.9	116.6	1	0	0	0	1	1
86.3	112.4	0.77	0	0	0	0	1
100.4	97.1	1.03	0	1	0	0	0
88.8	107.1	0.83	0	1	0	0	0
74.8	98.8	0.76	0	0	0	1	0
86.2	86.9	0.99	0	0	0	0	0
76.3	98.3	0.78	1	1	0	0	1
124.2	109.7	1.13	0	0	0	1	1
84.7	93.6	0.9	1	0	0	0	1
80.1	106.4	0.75	0	0	0	1	0
116.3	120.7	0.96	0	0	0	0	0
91	115.5	0.79	0	0	0	1	0
89.3	81.4	1.1	0	0	0	1	0
64.1	90.4	0.71	1	0	0	0	1
73.8	116.7	0.63	0	0	0	0	0
99.3	112.8	0.88	1	1	0	1	1
115.5	108.9	1.06	0	1	0	0	0
108.7	110.3	0.99	1	0	0	0	1
86	91.9	0.94	1	0	0	1	1
87.2	105.1	0.83	1	1	0	0	1
83.8	84.5	0.99	0	0	0	0	0
105.9	89.5	1.18	0	0	0	0	0
75.2	98	0.77	1	0	0	0	1
101.2	130.2	0.78	0	1	0	0	0
77.6	118.3	0.66	0	0	0	0	0
101.4	120.8	0.84	1	0	0	0	1
91.6	80.5	1.14	0	1	0	0	0
99.4	112.2	0.89	0	0	0	0	0
99.6	109.7	0.91	0	0	0	0	0
100	110.3	0.91	0	0	0	1	0
103.4	94.1	1.1	0	0	0	0	0
78.4	109.3	0.72	0	2	0	0	0
82	107.1	0.77	1	1	0	0	1
89.7	108.7	0.83	0	2	0	1	0
87.2	89.1	0.98	0	2	0	1	0

96.8	106.2	0.91	0	0	0	0	0
105.9	90	1.18	1	0	0	0	1
94.2	106	0.89	0	0	0	1	0
79.3	112.7	0.7	0	0	0	1	0
99.8	109.9	0.91	1	2	1	1	1
66.5	108.1	0.62	0	0	0	0	0
101.1	113.3	0.89	1	0	0	1	1
122.4	107.9	1.13	0	0	0	0	0
73.4	100.2	0.73	1	0	0	0	1
61.4	93.9	0.65	0	0	0	0	0
95	129.8	0.73	1	1	0	0	1
100.1	96.5	1.04	1	0	0	1	1
83.4	88.2	0.95	0	0	0	1	0
105.5	121.5	0.87	0	0	0	1	0
92.5	89.5	1.03	0	1	0	1	0
89.5	105.9	0.85	0	1	0	0	0
78.9	103.8	0.76	1	1	0	1	1
69.4	87.9	0.79	1	1	0	0	1
104.2	126	0.83	1	1	0	0	1
76	74	1.03	0	0	0	0	0
108.4	107.2	1.01	0	1	0	1	0
108.1	110.5	0.98	0	1	0	0	0
88.3	115.7	0.76	1	0	0	1	1
87.6	112.1	0.78	0	1	0	1	0
73	96.5	0.76	1	0	0	0	1
81.3	85.2	0.95	0	0	0	0	0
67.8	90.7	0.75	1	0	0	0	1
92	112.3	0.82	0	1	0	0	0
81.6	123.9	0.66	0	0	0	0	0
92.7	111	0.84	0	0	0	0	0
109.4	97.8	1.12	0	0	0	1	0
81.4	98.6	0.83	0	2	0	0	0
106.9	116.9	0.91	1	0	0	0	1
112.2	106.8	1.05	0	0	0	1	1
59.8	95.8	0.62	1	0	0	0	1
84.7	114.5	0.74	0	0	0	0	0
113.9	116.9	0.97	0	0	0	0	0
96.8	115.2	0.84	0	1	0	1	0
108.3	113.6	0.95	0	1	0	0	0
70.6	75.1	0.94	1	1	0	0	1
98.6	100	0.99	0	0	0	1	0
98.1	103.6	0.95	0	0	0	1	0
98.2	100.4	0.98	0	0	0	0	0
89.2	97.3	0.92	1	1	0	0	1
89.6	121.9	0.74	0	0	0	1	0
67.3	88.1	0.76	1	0	0	0	1
106.6	118.6	0.9	1	0	0	0	1
94.4	85.1	1.11	0	0	0	1	0
115.4	97.6	1.18	0	1	0	0	0
108.5	102.3	1.06	0	0	0	0	0

91.9	107	0.86	0	0	0	0	0
87.8	86.6	1.01	0	0	0	1	0
75.2	92.2	0.82	0	1	0	0	0
121.7	98.9	1.23	0	0	0	1	1
98.9	71.4	1.39	0	1	0	1	0
84.7	103.4	0.82	0	0	0	1	0
85.3	103.9	0.82	1	1	0	0	1
80.3	110.8	0.72	0	1	0	0	0
81.5	100.6	0.81	1	0	0	1	1
75.3	95.5	0.79	0	1	0	1	0
127.8	119.7	1.07	1	0	0	1	1
77.1	94.2	0.82	0	0	0	1	0
92.9	107.7	0.86	0	1	0	0	0
91.5	94.8	0.97	0	0	0	1	0
107.8	104.3	1.03	0	0	0	0	0
118.6	109.4	1.08	0	0	0	1	1
81.6	66.4	1.23	0	0	0	1	0
92.9	121.1	0.77	1	1	0	0	1
121.7	116.7	1.04	0	1	0	1	1
129	125.7	1.03	0	0	0	0	0
95.6	108.9	0.88	1	1	0	1	1
88.6	85.9	1.03	0	1	0	1	0
111.8	115.3	0.97	1	0	0	1	1
107.3	110.1	0.97	0	0	0	0	0
82.8	99.7	0.83	0	0	0	0	0
81.2	90.9	0.89	0	1	0	0	0
83	100.6	0.83	0	0	0	1	0
53.8	77.6	0.69	0	1	0	0	0
69.1	78.5	0.88	0	2	0	0	0
108.1	91.1	1.19	1	1	0	0	1
92.3	99.2	0.93	0	1	0	1	1
98.1	91.7	1.07	0	0	0	0	0
72.8	111.2	0.65	0	2	0	1	0
99.6	110.2	0.9	0	2	0	0	0
87.4	95.7	0.91	1	0	0	0	1
84.7	96.7	0.88	0	1	0	0	0
97.3	120.6	0.81	0	0	0	0	0
97.4	97.9	0.99	0	2	0	0	0
73	86.1	0.85	0	1	0	1	0
94.4	95.2	0.99	0	0	0	0	0
101.5	117.1	0.87	1	0	0	1	1
121.9	92.9	1.31	0	1	0	0	0
120.6	107.7	1.12	1	0	0	1	1
102	104.8	0.97	0	1	0	1	0
122.1	102	1.2	0	0	0	0	0
99.7	101.4	0.98	0	1	0	1	0
103.7	95.2	1.09	1	0	0	0	1
113.3	116	0.98	0	0	0	1	0
100.9	103.4	0.98	0	1	0	1	0
89.5	96.9	0.92	0	0	0	0	0

83.2	100.8	0.83	0	0	0	0	0
87.1	96.3	0.9	1	0	0	0	1
72.7	97	0.75	0	1	0	0	0
90.3	119.1	0.76	0	1	0	0	0
100.3	114	0.88	1	0	0	0	1
87.9	106.3	0.83	0	2	0	1	0
97.9	112.4	0.87	0	0	0	1	0
87	82.1	1.06	0	1	0	1	0
114.5	121.8	0.94	0	0	0	0	0
65.9	98.4	0.67	0	0	0	0	0
113.4	94.8	1.2	0	1	0	1	1
98.4	112.6	0.87	0	1	0	1	0
111.7	120.8	0.92	0	0	0	1	0
76	107.4	0.71	0	0	0	1	0
79.7	86.7	0.92	1	0	0	0	1
122.1	106	1.15	0	0	0	1	0
109.4	102.4	1.07	0	1	0	0	0
115.3	116	0.99	0	0	0	0	0
129.1	106.8	1.21	1	0	0	0	1
74.2	97.8	0.76	0	0	0	1	0
84.4	74.6	1.13	0	0	0	1	0
85.8	99.3	0.86	0	0	0	0	0
89.7	98.8	0.91	1	0	0	0	1
82.7	96.4	0.86	0	2	0	1	0
98.7	111.2	0.89	0	0	0	0	0
96.8	109	0.89	0	1	0	1	0
102.2	113.3	0.9	0	2	0	0	0
110.3	85.9	1.28	0	1	0	0	0
106.2	120.1	0.88	0	0	0	0	0
85.9	87.8	0.98	0	1	0	0	0
113.3	103.2	1.1	1	0	0	1	1
86.9	89.8	0.97	0	1	0	1	1
93.8	97.5	0.96	0	0	0	0	0
84.4	89.2	0.95	0	0	0	0	0
98.8	106.7	0.93	1	1	0	1	1
106.1	116.7	0.91	0	2	0	1	0
68.4	96.8	0.71	0	0	0	0	0
103.1	116.2	0.89	0	0	0	1	0
100.3	84.9	1.18	0	1	0	1	0
61.2	99.1	0.62	1	1	0	1	1
95.9	100.8	0.95	0	0	0	0	0
76.4	81.7	0.94	1	0	0	1	1
119.5	110.8	1.08	1	0	0	0	1
124.9	110.8	1.13	0	0	0	0	0
74.8	98.1	0.76	0	0	0	1	0
105.9	90.7	1.17	1	0	0	1	1
61.7	78.2	0.79	0	1	0	0	0
74.5	100.2	0.74	1	0	0	0	1
78.6	106.8	0.74	0	0	0	1	0
77.6	111.6	0.7	1	1	0	0	1

85.3	94.9	0.9	0	0	0	0	0
114.3	107.5	1.06	1	0	0	1	1
101.8	109.3	0.93	0	1	0	0	0
85.8	102.3	0.84	0	0	0	1	0
101.9	116.6	0.87	0	0	0	0	0
84.6	100.9	0.84	1	0	0	1	1
101.1	97.8	1.03	0	0	0	0	0
91.1	96	0.95	0	1	0	0	0
87.4	102.1	0.86	0	0	0	1	0
82.6	75.4	1.1	0	1	0	0	0
85.5	117.7	0.73	0	1	0	1	0
107.9	100.7	1.07	1	0	0	1	1
74.4	93	0.8	0	1	0	0	0
84.4	94.3	0.9	0	0	0	0	0
112.1	110	1.02	1	0	0	0	1
99.6	103.4	0.96	0	2	0	0	0
121.5	107.3	1.13	0	0	0	0	0
82.4	94.9	0.87	0	0	0	0	0
80.9	88.1	0.92	0	0	0	1	0
112.3	91.9	1.22	0	1	0	0	0
71.8	92.6	0.78	0	0	0	0	0
73.9	97.2	0.76	0	1	0	1	0
93.4	96.8	0.96	0	0	0	1	0
110.9	120.7	0.92	0	0	0	0	0
83.3	93.4	0.89	0	0	0	1	0
126.4	116.9	1.08	1	0	0	0	1
95.9	103.1	0.93	0	0	0	0	0
74.7	100.3	0.74	0	0	0	0	0
112.7	133.9	0.84	0	0	0	0	0
80.9	101.4	0.8	1	0	0	0	1
88	108.3	0.81	1	2	0	1	1
97.8	111.4	0.88	0	0	0	1	0
75.2	88.8	0.85	0	2	0	1	0
118.2	120.9	0.98	0	0	0	1	0
101.4	112.7	0.9	1	0	0	0	1
81.7	100.7	0.81	1	0	0	0	1
117.6	109.6	1.07	1	0	0	1	1
89.4	98.1	0.91	1	0	0	1	1
97.9	104	0.94	0	0	0	0	0
69.2	70.5	0.98	0	0	0	0	0
96.7	123.2	0.78	1	1	0	0	1
76.6	104.3	0.73	0	0	0	0	0
93.5	84.1	1.11	0	1	0	1	0
118.4	116.1	1.02	0	0	0	1	0
107.1	118.3	0.91	0	0	0	1	0
111.9	105	1.07	1	1	0	0	1
75	81.6	0.92	1	1	0	1	1
125.5	106.3	1.18	1	1	0	1	1
86.5	81.2	1.07	1	0	0	0	1
97.1	134.3	0.72	0	1	1	1	0

106.8	130.6	0.82	1	0	0	1	1
82.1	100	0.82	0	0	0	0	0
104.8	95.2	1.1	1	0	0	0	1
83.8	94.7	0.88	1	0	0	1	1
89.4	103.8	0.86	0	0	0	1	0
78.6	104	0.76	0	0	0	1	0
87.4	107.7	0.81	1	0	0	0	1
114.3	122	0.94	0	0	0	0	0
78.6	99.1	0.79	0	1	0	0	0
106	109.9	0.96	0	0	0	1	1
92.6	88.6	1.05	1	1	0	0	1
90.1	116.6	0.77	0	1	0	0	0
105.5	110	0.96	0	1	0	1	0
108.5	116	0.94	0	0	0	0	0
125.6	101.4	1.24	1	0	0	0	1
96.2	106.9	0.9	0	0	0	0	0
103.5	115.9	0.89	1	0	0	1	1
70.7	93.2	0.76	0	1	0	1	0
76	112.1	0.68	0	1	0	0	0
88.7	98.4	0.9	0	0	0	1	0
87.7	95.2	0.92	0	1	0	1	0
123.9	120.2	1.03	0	1	0	0	1
92.3	99	0.93	1	1	0	0	1
124.5	108.4	1.15	1	1	0	0	1
91.5	124.6	0.73	0	0	0	0	0
91.1	102.7	0.89	1	2	0	0	1
105.6	106.1	1	1	1	0	0	1
103.9	105	0.99	1	1	0	1	1
97.4	115.4	0.84	1	2	0	1	1
65.3	73.9	0.88	0	0	0	1	0
73.5	107.1	0.69	0	0	0	0	0
83.3	95.9	0.87	0	0	0	1	0
110.2	124.1	0.89	0	0	0	1	0
131.2	102.5	1.28	1	0	0	0	1
86.7	104.3	0.83	0	1	0	0	0
114.3	109.7	1.04	0	0	0	0	0
113.6	137.7	0.82	1	0	0	1	1
79.2	91	0.87	0	1	0	1	0
103.1	106.6	0.97	0	1	0	0	0
110.6	103.8	1.07	0	2	0	0	0
105.4	118.6	0.89	1	0	0	0	1
141.1	132.7	1.06	1	0	0	1	1
121.6	103.3	1.18	0	1	0	1	0
62.5	90.5	0.69	0	0	0	1	0
90.7	104.6	0.87	0	1	0	0	0
61.6	79.9	0.77	0	0	0	0	0
88.2	105.8	0.83	0	0	0	1	0
92.6	127.7	0.73	1	0	0	0	1
89.8	100.3	0.9	1	0	0	1	1
80.4	82.6	0.97	0	1	0	0	0

108.1	105.7	1.02	1	0	0	0	1
99.3	107	0.93	0	0	0	0	0
97.4	97.1	1	0	0	0	0	0
100.5	108.1	0.93	0	0	0	0	0
80.6	86.5	0.93	0	2	0	0	0
66.8	87.2	0.77	0	0	0	0	0
109.2	112.3	0.97	0	0	0	1	0
102.5	97.5	1.05	0	1	0	1	0
100	110.3	0.91	0	0	0	0	0
94.2	102.9	0.92	0	1	0	1	0
134.4	124.9	1.08	1	0	0	0	1
109.9	111.7	0.98	1	0	0	1	1
108.5	115.9	0.94	0	0	0	1	0
83.6	99.8	0.84	0	0	0	0	0
84.9	93.9	0.9	0	0	0	0	0
83.9	108.4	0.77	0	1	0	1	0
125.2	129	0.97	0	0	0	1	0
80.3	84.3	0.95	0	2	0	1	0
97.4	98.6	0.99	0	1	0	0	0
108.6	117.3	0.93	0	1	0	1	0
92.6	93.8	0.99	1	1	0	0	1
74.7	114.3	0.65	0	0	0	1	0
74.1	93.2	0.8	1	1	0	1	1
110.3	95.9	1.15	0	0	0	0	0
144.7	98.8	1.46	1	0	0	1	1
111.2	116.2	0.96	1	1	0	1	1
85.5	100.3	0.85	0	2	0	1	0
75.6	79.9	0.95	0	1	0	0	0
58.5	89.8	0.65	0	0	0	0	0
66.8	101.6	0.66	0	2	0	1	0
92.9	97.8	0.95	1	0	0	1	1
94.2	108.6	0.87	0	0	0	0	0
83	86	0.97	1	0	0	0	1
127	122.6	1.04	0	0	0	0	0
102.1	110.9	0.92	1	0	0	0	1
61.8	119.7	0.52	0	0	0	0	0
111.9	115.6	0.97	0	0	0	0	0
113.2	104.9	1.08	0	0	0	0	0
81.6	83.4	0.98	0	0	0	0	0
117.1	101.6	1.15	0	1	0	1	0
106.5	121.3	0.88	0	0	0	0	0
122.9	122.7	1	0	0	0	0	0
70.8	100.1	0.71	0	1	0	0	0
111.9	106.1	1.05	1	0	0	1	1
113.7	112.8	1.01	0	0	0	0	0
108.7	108	1.01	1	0	0	0	1
86.8	99.2	0.88	0	1	0	0	0
102.9	114.5	0.9	1	0	0	0	1
94.1	100.2	0.94	0	1	0	1	0
101.4	100.3	1.01	0	1	0	1	1

103.5	88.8	1.17	1	1	0	0	1
75.1	107.6	0.7	0	0	0	1	0
90	96.6	0.93	1	1	0	0	1
86.1	89.9	0.96	1	1	0	0	1
97.5	92.6	1.05	0	0	0	0	0
72.9	101.5	0.72	0	0	0	0	0
71.5	122.7	0.58	0	2	0	0	0
117.2	122.1	0.96	0	1	0	0	0
117.4	108.5	1.08	1	0	0	1	1
98.2	113.3	0.87	1	0	0	1	1
94.2	81.4	1.16	0	0	0	1	0
113.1	125.2	0.9	0	0	0	0	0
93.4	91.3	1.02	0	0	0	0	0
119.4	110.5	1.08	0	0	0	0	0
83.7	98	0.85	1	1	0	0	1
105.3	124.2	0.85	0	2	0	1	1
114.1	112.9	1.01	0	0	0	0	0
119.4	131	0.91	1	1	0	1	1
89.4	102.7	0.87	0	0	0	1	0
113.6	109.2	1.04	0	0	0	0	0
105	111	0.95	0	0	0	1	0
101.4	105.6	0.96	0	1	0	1	0
99.8	103.1	0.97	0	0	0	1	0
99.1	113.2	0.88	0	0	0	1	1
96.8	120.8	0.8	1	2	0	1	1
72.1	121	0.6	1	0	0	0	1
64.5	76.8	0.84	0	1	0	0	0
87.5	87.7	1	0	0	0	0	0
91.7	108	0.85	1	0	0	0	1
93.5	99.9	0.94	0	0	0	0	0
73.9	100.9	0.73	0	0	0	1	0
86.1	83	1.04	0	0	0	1	0
76.9	119.2	0.65	0	1	0	0	0
120.8	132.4	0.91	0	0	0	0	0
97.6	105.8	0.92	0	1	0	1	0
91.3	97.8	0.93	0	2	0	1	0
100.5	89.3	1.13	0	2	0	1	1
123.2	114.8	1.07	0	1	0	1	0
110.7	117.6	0.94	1	0	0	0	1
104.8	118.9	0.88	0	0	0	1	0
99.6	102	0.98	0	1	0	0	0
96.9	106.2	0.91	1	0	0	0	1
96.1	124.1	0.77	1	0	0	0	1
113.2	127.7	0.89	1	1	0	0	1
105.2	90.6	1.16	0	1	0	0	0
116	112.1	1.03	0	0	0	1	1
143.1	116.5	1.23	0	1	0	1	1
87	71.7	1.21	0	0	0	0	0
107.6	106.4	1.01	0	1	0	0	0
106.1	83.7	1.27	1	1	0	0	1



90.4	92.1	0.98	0	1	0	1	0
109.1	95.4	1.14	1	0	0	1	1
80.9	114	0.71	0	0	0	0	0
90.9	110.4	0.82	0	2	0	1	1
86	126.2	0.68	1	1	0	0	1
101.9	119.3	0.85	0	0	0	0	0
77.2	92.4	0.84	0	1	0	0	0
70.2	100.7	0.7	0	2	0	1	0
93.6	106.9	0.88	1	1	0	1	1
105.2	122.2	0.86	1	2	0	1	1
82.6	93.1	0.89	0	0	0	0	0
99.5	100.5	0.99	1	1	0	0	1
110.7	116	0.95	0	1	0	0	0
107.2	98.5	1.09	0	0	0	1	0
108.3	110.2	0.98	0	1	0	0	0
90.3	103	0.88	0	1	0	0	0
91.2	91.1	1	0	1	0	1	0
98.2	119.2	0.82	1	0	0	0	1
112.8	90.5	1.25	0	0	0	1	0
85.9	99.1	0.87	0	0	0	0	0
78.8	83.9	0.94	1	0	0	0	1
107.5	118.2	0.91	0	2	0	0	0
65.4	99.7	0.66	1	0	0	0	1
95.3	122.5	0.78	0	0	0	0	0
102.4	114.2	0.9	1	0	0	0	1
101.5	127.2	0.8	0	2	0	0	0
104	93.6	1.11	0	0	0	1	0
105.2	100.2	1.05	1	0	0	1	1
114.8	104.2	1.1	0	1	0	0	0
104.8	121.9	0.86	0	0	0	0	0
86.4	95.4	0.91	0	1	0	1	0
76.7	94.4	0.81	1	0	0	0	1
98	114.2	0.86	0	0	0	1	0
92	106.4	0.86	0	0	0	1	0
82.9	72.9	1.14	0	0	0	1	0
89.6	95.8	0.94	0	0	0	1	0
111.7	103.8	1.08	1	1	0	1	1
72.1	74.2	0.97	1	0	0	0	1
80.2	83.3	0.96	0	0	0	1	0
87.1	84.5	1.03	0	0	0	0	0
113.3	116	0.98	0	0	0	1	1
105.1	121.2	0.87	0	2	0	0	0
103.3	109.6	0.94	0	0	0	1	0
101.6	110.9	0.92	1	0	0	1	1
96.4	117.7	0.82	0	1	0	1	0
71.5	109.8	0.65	0	0	0	0	0
107.3	115.3	0.93	1	0	0	0	1
120	85.4	1.41	0	1	0	0	0
126.5	126.5	1	0	2	0	1	0
99.3	132.5	0.75	1	1	0	0	1

96.4	106.9	0.9	0	0	0	1	0
100.3	125	0.8	0	0	0	1	0
94	111.8	0.84	0	0	0	0	0
110.6	108.9	1.02	1	0	0	0	1
99.9	109	0.92	0	1	0	1	0
93.8	90	1.04	0	0	0	0	0
76.6	100	0.77	0	0	0	1	0
120.4	125.1	0.96	0	0	0	0	0
97	112.7	0.86	0	0	0	1	1
112.4	113.3	0.99	0	1	0	0	0
79.7	71.5	1.11	1	2	0	1	1
95.3	112.9	0.84	1	0	0	0	1
81.8	97.2	0.84	1	0	0	1	1
86.6	101	0.86	1	1	0	1	1
108	104.7	1.03	1	0	0	1	1
85.1	97.3	0.87	0	2	0	1	0
70.6	115.1	0.61	0	0	0	0	0
95.2	106.3	0.9	0	0	0	0	0
85.9	108	0.8	0	0	0	0	0
107.8	114.5	0.94	0	0	0	0	0
94.8	99.8	0.95	0	0	0	0	0
127.9	119.7	1.07	0	0	0	0	0
114.8	110	1.04	0	0	0	0	0
112.5	85.1	1.32	1	1	0	0	1
112.5	89.1	1.26	0	0	0	0	0
95	106.2	0.89	1	2	0	0	1
112	113.1	0.99	0	0	0	0	0
84	106	0.79	0	1	0	0	0
92.9	103.2	0.9	0	0	0	1	0
87.6	103.9	0.84	0	1	0	1	0
110.2	97.1	1.13	0	2	0	0	0
95.8	98.8	0.97	0	1	0	1	0
91.6	110.8	0.83	0	0	0	0	0
95.6	98.4	0.97	1	1	0	0	1
119.1	112.5	1.06	0	0	0	0	0
107.1	117.5	0.91	0	1	0	1	0
105.7	99	1.07	1	0	0	1	1
70.3	86.5	0.81	0	1	0	0	0
110.2	113.6	0.97	1	0	0	0	1
110	112.2	0.98	0	0	0	0	0
114.5	104.9	1.09	0	0	0	0	0
80.7	103.8	0.78	1	0	0	0	1
96.6	102.6	0.94	0	1	0	0	0
81	95.8	0.85	0	0	0	0	0
73.8	98.7	0.75	0	1	0	1	0
85	84.7	1	0	0	0	1	0
95.8	104.8	0.91	1	0	0	1	1
68	85.4	0.8	0	0	0	0	0
89.2	91.2	0.98	0	0	0	0	0
121	115.3	1.05	0	0	0	1	0

89.8	98.9	0.91	0	0	0	1	0
65.1	103.3	0.63	0	0	0	1	0
72.2	102.8	0.7	0	0	0	1	1
98.7	108.7	0.91	0	1	0	0	0
107.6	118.7	0.91	0	1	0	1	1
99.3	98.1	1.01	0	0	0	1	0
95.2	103.8	0.92	0	0	0	1	1
99.2	99	1	1	0	0	1	1
114	103.5	1.1	1	1	0	0	1
73.4	88.4	0.83	1	0	0	0	1
76	110.1	0.69	1	0	0	1	1
103.4	109.9	0.94	1	0	0	0	1
75.1	95.8	0.78	0	1	0	1	0
92.4	99.2	0.93	0	0	0	0	0
120.4	109.2	1.1	0	0	0	1	1
98.9	119.2	0.83	0	0	0	0	0
132.1	135	0.98	0	1	0	0	0
94.8	106.3	0.89	0	1	0	0	0
102.1	90.2	1.13	0	0	0	1	0
68.1	95	0.72	0	0	0	0	0
107.6	113.6	0.95	1	0	0	0	1
94.1	107.7	0.87	0	0	0	0	0
93.7	95.5	0.98	0	0	0	1	0
93.7	87.4	1.07	0	1	0	0	0
80.2	111.8	0.72	0	1	0	0	0
97.9	112.6	0.87	1	0	0	0	1
102.9	103.8	0.99	1	1	0	0	1
73	111.9	0.65	0	0	0	1	0
107.1	89.3	1.2	1	1	0	0	1
107.8	109.6	0.98	0	0	0	1	0
76.1	114.1	0.67	0	1	0	1	1
94.4	119.7	0.79	0	1	0	0	0
91.4	99.2	0.92	0	0	0	1	0
89.2	103.8	0.86	0	0	0	0	0
73.4	91	0.81	1	0	0	1	1
107	115.5	0.93	0	0	0	0	0
74.4	94.4	0.79	0	0	0	1	0
103.8	106.5	0.97	0	0	0	0	0
105.4	128.5	0.82	0	0	0	0	0
103.8	119.2	0.87	1	1	0	1	1
89.8	89.7	1	0	0	0	0	0
74.9	77.3	0.97	0	1	0	1	0
85.6	104.3	0.82	1	1	0	1	1
97.3	94.6	1.03	1	0	0	0	1
97.3	91.1	1.07	0	1	0	1	0
102.5	103.5	0.99	1	0	0	0	1
119.9	120.5	1	0	1	0	1	1
107.6	117.2	0.92	0	0	0	1	0
97.7	87.6	1.12	0	0	0	1	0
82	79.6	1.03	0	0	0	1	0

131.6	128.1	1.03	0	0	0	0	0
89.8	109.3	0.82	1	0	0	0	1
105.2	103.6	1.02	0	1	0	0	0
107.2	106.2	1.01	0	2	0	1	0
112.8	114	0.99	1	0	0	1	1
84.5	96.3	0.88	0	1	0	1	0
109.6	93	1.18	0	0	0	1	0
93.2	101.4	0.92	1	0	0	0	1
92.9	80.2	1.16	0	0	0	0	0
103.3	118.8	0.87	0	1	0	0	0
82.3	91.6	0.9	1	0	0	1	1
105.5	99.3	1.06	0	0	0	0	0
92.1	108.4	0.85	0	0	0	1	1
92.7	108	0.86	1	0	0	1	1
98.5	97.4	1.01	1	0	0	0	1
98.1	96.3	1.02	0	0	0	1	0
72.2	83.4	0.87	0	0	0	1	0
86.3	118.8	0.73	1	0	0	1	1
97.4	90.6	1.08	0	1	0	0	0
81.9	113.5	0.72	0	0	0	1	0
98.6	97.5	1.01	1	0	0	0	1
88.6	92.6	0.96	0	0	0	0	0
100.2	85.5	1.17	1	1	0	1	1
83.2	123.7	0.67	0	0	0	1	0
81.8	113.4	0.72	0	1	0	1	0
107.7	97.2	1.11	0	2	0	0	0
84.4	124.5	0.68	0	0	0	1	0
106.7	106.4	1	0	2	0	1	0
97.6	106.8	0.91	0	0	0	0	0
94	99.4	0.95	0	0	0	0	0
98	105.5	0.93	0	0	0	1	1
125.6	105.9	1.19	0	0	0	0	0
120.8	112.8	1.07	0	2	0	0	0
110.8	117.4	0.94	0	0	0	0	0
81	110.9	0.73	1	2	0	0	1
82	93.5	0.88	0	1	0	1	0
103.8	84.7	1.23	1	0	0	0	1
101.5	93.9	1.08	1	0	0	0	1
98.8	113.9	0.87	0	0	0	0	1
83.3	101.6	0.82	0	2	0	0	0
111.8	107.2	1.04	0	0	0	1	0
112.9	114.2	0.99	1	0	0	1	1
97.4	109.1	0.89	0	0	0	0	0
106.1	103.9	1.02	0	0	0	0	0
90.2	106.2	0.85	0	0	0	0	0
103.4	102	1.01	0	0	0	1	0
104.1	120.1	0.87	1	0	0	0	1
85.8	97.5	0.88	1	0	0	0	1
98.3	83.2	1.18	0	0	0	0	0
127.5	125.7	1.01	0	1	0	0	1

73.6	85	0.87	0	0	0	0	0
90.9	94.5	0.96	0	2	0	0	0
72	87.2	0.83	0	1	0	0	0
89.6	116.4	0.77	0	0	0	1	0
64.5	84.3	0.77	0	0	0	0	0
116.5	137.9	0.84	1	0	0	1	1
112.1	109.5	1.02	1	0	0	1	1
84.4	98.8	0.85	0	0	0	0	0
88.2	109.6	0.8	0	1	0	0	0
104.2	129.5	0.8	1	0	0	0	1
106.5	101	1.05	0	0	0	0	0
80.5	120.3	0.67	0	0	0	0	0
78.4	89.3	0.88	1	2	0	0	1
85.1	98.9	0.86	1	2	0	0	1
82.4	101.7	0.81	0	0	0	0	0
114.5	113.2	1.01	1	0	0	0	1
94.6	99.3	0.95	0	0	0	0	0
105.5	99.7	1.06	0	0	0	0	0
90.1	115	0.78	0	0	0	0	1
102.4	95.3	1.07	1	1	0	0	1
111.8	135.2	0.83	1	0	0	0	1
86.1	105.9	0.81	1	0	0	1	1
96.8	107.1	0.9	1	0	0	1	1
102	118.3	0.86	0	1	0	0	0
89.7	106.9	0.84	1	0	0	0	1
80.5	77	1.05	1	1	0	0	1
98.8	95.7	1.03	0	0	0	1	0
91	90.4	1.01	0	0	0	1	0
76	81.8	0.93	0	1	0	0	0
103.5	124.2	0.83	0	2	0	0	0
103.3	84.9	1.22	1	1	0	0	1
97.2	98.3	0.99	0	1	0	0	0
114.3	106.8	1.07	0	0	0	1	0
84.2	105.7	0.8	0	2	0	0	0
64	90.3	0.71	0	0	0	1	0
56.3	75.3	0.75	0	0	0	0	0
80.8	112.8	0.72	1	1	0	1	1
106.1	107.8	0.98	0	0	0	1	0
97.6	116.3	0.84	0	2	0	0	0
112.4	107.1	1.05	0	0	0	0	0
121.5	111.7	1.09	0	0	0	0	0
64.7	88.4	0.73	0	0	0	0	0
94.8	104.9	0.9	0	0	0	0	0
87.3	107.1	0.82	0	1	0	0	0
97.6	112.9	0.86	1	0	0	0	1
101.1	133.3	0.76	0	0	0	1	1
114.9	122	0.94	0	0	0	0	0
79.5	91.4	0.87	0	1	0	1	0
99.8	122.5	0.81	0	1	0	1	1
89.2	121.7	0.73	1	2	0	1	1

72.5	99.3	0.73	1	0	0	0	1
101.7	119.7	0.85	0	0	0	0	0
101.6	101.2	1	0	0	0	1	0
96.2	98.2	0.98	1	1	0	0	1
73.7	90	0.82	0	1	0	1	0
94.2	90.8	1.04	0	0	0	0	0
109.5	103.8	1.05	0	0	0	0	0
109.1	97.2	1.12	0	2	0	0	0
120.9	130.3	0.93	0	2	0	1	0
100.1	108.9	0.92	0	1	0	1	0
110.6	133.7	0.83	0	0	0	0	0
97.2	84.6	1.15	1	1	0	0	1
107.9	107.4	1	0	0	0	0	0
109.3	119.9	0.91	0	0	0	1	0
98.8	108.8	0.91	0	0	0	1	0
104.5	109.1	0.96	1	1	0	1	1
74.9	96.1	0.78	1	1	0	1	1
92.4	114.7	0.81	0	1	0	0	0
107	101.9	1.05	0	0	0	1	0
129.6	113.5	1.14	1	2	0	0	1
75	86.3	0.87	0	0	0	1	0
99	101	0.98	0	1	0	0	0
98.7	96.4	1.02	0	1	0	1	0
99.7	94	1.06	0	0	0	1	0
92.4	129.7	0.71	0	2	0	0	0
83.8	121.9	0.69	0	0	0	1	1
115.1	114.2	1.01	0	2	0	0	0
115.2	119.3	0.97	0	2	0	0	0
93.5	102.9	0.91	0	0	0	0	0
106.7	96.4	1.11	0	0	0	0	0
63.6	79.7	0.8	0	0	0	0	0
89	102.3	0.87	1	0	0	1	1
75.7	113.9	0.66	1	1	0	1	1
112.4	98.6	1.14	0	0	0	0	0
92.6	105.3	0.88	1	2	0	0	1
90	112.1	0.8	1	0	0	0	1
91.5	105.9	0.86	0	0	0	1	0
87.3	90	0.97	1	1	0	1	1
81.7	96.9	0.84	0	0	0	0	0
103.2	108.4	0.95	0	1	0	0	0
95.5	119.4	0.8	0	0	0	0	0
92.8	109.3	0.85	0	0	0	1	0
92	89.3	1.03	0	0	0	0	0
89	114.9	0.77	0	0	0	0	0
124.2	117.4	1.06	1	0	0	1	1
86.9	109.9	0.79	1	1	0	1	1
89.2	111.8	0.8	1	0	0	0	1
92.1	104.4	0.88	0	0	0	1	0
95.8	98.9	0.97	1	0	0	0	1
72.4	77.9	0.93	0	2	0	0	0

112.3	130.8	0.86	1	0	0	1	1
103.8	105.6	0.98	0	0	0	0	0
104.3	113.2	0.92	0	2	0	0	0
75.1	97.8	0.77	1	1	0	0	1
97.7	99.6	0.98	0	1	0	0	0
110.7	117.2	0.94	0	1	0	1	0
69.1	83.7	0.83	0	0	0	0	0
81.7	102.2	0.8	0	0	0	1	0
81.3	95.5	0.85	1	2	0	1	1
69.4	69.5	1	0	1	0	1	0
73.4	97.9	0.75	0	1	0	1	0
90	113.6	0.79	1	0	0	0	1
140.2	106.6	1.32	1	0	0	0	1
77.7	99.7	0.78	0	0	0	0	0
85.1	108.6	0.78	0	1	0	0	0
89.7	96	0.93	1	1	0	1	1
71.5	89.4	0.8	0	1	0	0	0
107.1	114.6	0.93	0	1	0	0	0
106	112	0.95	0	0	0	1	1
98.1	97.7	1	0	1	0	1	0
79.4	102.3	0.78	1	1	0	0	1
110.2	122.6	0.9	0	0	0	1	0
99.7	95.1	1.05	0	0	0	0	0
120	106.8	1.12	0	0	0	0	0
106.7	124.9	0.85	0	2	0	0	0
114.7	106.1	1.08	1	1	0	1	1
113.9	117.7	0.97	0	1	0	1	0
92.6	102.8	0.9	0	0	0	0	0
113.2	121.3	0.93	1	0	0	1	1
110.6	109.4	1.01	0	0	0	0	0
93.5	89.6	1.04	0	0	0	0	0
95.4	120	0.8	1	0	0	1	1
112.3	122.2	0.92	1	0	0	1	1
70.8	101.5	0.7	0	1	0	0	0
70	83.4	0.84	0	1	0	0	0
81.8	100.5	0.81	0	0	0	0	0
88.4	95	0.93	1	1	0	1	1
99.7	110	0.91	1	0	0	0	1
96.9	110.9	0.87	0	2	0	1	0
112.1	113	0.99	0	0	0	0	0
101.7	112.7	0.9	1	0	0	0	1
122.3	104.8	1.17	0	0	0	0	0
74.6	114.9	0.65	0	0	0	0	0
125.2	97.9	1.28	1	0	0	0	1
103.7	129.7	0.8	0	2	0	0	0
116.5	91.9	1.27	0	1	0	1	1
77.5	81.8	0.95	1	0	0	0	1
117.8	97.9	1.2	1	0	0	1	1
118.8	124.3	0.96	0	0	0	1	0
84.3	107.3	0.79	0	0	0	0	0

95.1	97.3	0.98	1	0	0	1	1
88.6	84.9	1.04	0	1	0	0	0
80.7	97.8	0.83	0	1	0	0	0
94	95.4	0.99	0	2	0	0	0
124.6	118.6	1.05	1	0	0	0	1
112.9	103	1.1	1	2	0	0	1
83.8	103.3	0.81	1	1	0	0	1
78.2	94.8	0.82	0	0	0	1	0
127.3	125	1.02	0	0	0	0	0
69.9	86.7	0.81	0	2	0	1	0
89.8	101.1	0.89	0	1	0	0	0
99.3	97.3	1.02	0	1	0	1	0
82	73.3	1.12	0	2	0	0	0
79.2	101.6	0.78	0	1	0	0	0
86.2	104.6	0.82	0	0	0	0	0
83.6	84.9	0.98	0	1	0	0	0
109.7	128.9	0.85	1	0	0	1	1
83.3	82.2	1.01	0	2	0	0	0
100.2	106.6	0.94	0	1	0	1	0
80.5	112.2	0.72	1	1	0	0	1
98	120.8	0.81	1	0	0	0	1
88.1	83.8	1.05	1	0	0	0	1
104.2	111.6	0.93	1	0	0	1	1
94	101.5	0.93	1	0	0	1	1
113	106.3	1.06	1	1	0	1	1
82.7	100.3	0.82	1	0	0	0	1
112	127.6	0.88	0	0	0	1	0
79.7	94.7	0.84	0	1	0	0	0
84	85.9	0.98	1	1	0	1	1
129.9	105.9	1.23	1	1	0	0	1
133.7	136.7	0.98	0	0	0	1	1
104.4	123.2	0.85	1	1	0	1	1
90	106.1	0.85	1	0	0	0	1
90.5	94.8	0.95	0	0	0	0	0
103.1	102.7	1	0	1	0	1	0
95.8	100.3	0.96	1	0	0	1	1
83.4	81.6	1.02	0	1	0	1	0
78.1	106.3	0.73	1	0	0	0	1
71.5	91.1	0.78	1	0	0	1	1
81.1	92	0.88	0	0	0	1	0
98.1	92.1	1.07	1	0	0	0	1
98.6	94.1	1.05	1	1	0	0	1
98.4	99.8	0.99	1	0	0	1	1
82	91.9	0.89	0	2	0	1	0
105.5	105.4	1	0	0	0	0	0
94.2	101.3	0.93	0	1	0	0	0
97.6	105.2	0.93	0	0	0	1	0
86.6	118	0.73	1	0	0	0	1
92.3	104.1	0.89	1	2	0	0	1
104.8	91.7	1.14	0	0	0	0	0



67.6	88	0.77	0	1	0	1	0
87.4	115.1	0.76	0	1	0	1	0
122	115.9	1.05	0	1	0	1	0
109.4	96.8	1.13	0	1	0	0	0
95.2	90.1	1.06	0	0	0	0	0
115.6	130.3	0.89	0	1	0	0	0
85	119.6	0.71	0	0	0	0	0
95.4	108.8	0.88	0	0	0	1	0
107.4	107.8	1	0	0	0	0	0
69.5	96.5	0.72	0	2	0	0	0
90.8	102.3	0.89	0	0	0	0	0
122.6	125.1	0.98	1	0	0	0	1
78.7	99.4	0.79	1	1	0	0	1
86.8	73.9	1.17	0	0	0	1	0
105.2	115.4	0.91	0	0	0	1	0
100.5	94.3	1.07	0	1	0	0	0
75.6	71	1.06	0	0	0	0	0
125.7	119.1	1.06	1	0	0	0	1
105.2	117.2	0.9	0	1	0	0	0
73.2	82.8	0.88	0	0	0	1	0
115.2	139.6	0.83	0	1	0	1	1
106.3	118.6	0.9	0	1	0	0	0
74.3	64.6	1.15	1	1	0	1	1
107.4	102.4	1.05	0	0	0	0	0
107.7	123.2	0.87	0	1	0	0	0
116.2	137.5	0.85	0	0	0	0	1
70.4	96.4	0.73	0	0	0	0	0
108.6	118.3	0.92	0	0	0	1	0
102.7	95.6	1.07	1	1	0	1	1
88.2	102.4	0.86	0	0	0	0	0
86	91.7	0.94	0	0	0	0	0
72	69.5	1.04	0	0	0	1	0
100.6	106.2	0.95	1	0	0	0	1
95.8	129.4	0.74	1	0	0	0	1
70.4	80.8	0.87	0	1	0	1	0
95.2	105	0.91	0	0	0	0	0
105.1	117.7	0.89	0	0	0	0	0
70.6	89.8	0.79	0	0	0	1	0
69.9	89.3	0.78	1	0	0	0	1
97	110.8	0.88	0	0	0	0	0
66	90.3	0.73	1	2	0	0	1
104.3	99.3	1.05	1	0	0	0	1
103.4	100.2	1.03	0	1	0	0	0
85.7	94.8	0.9	0	0	0	0	0
80.8	83.8	0.96	0	1	0	0	0
81.1	98.1	0.83	0	0	0	1	0
83.6	91.3	0.92	0	0	0	0	0
81.7	98.4	0.83	0	0	0	0	0
113.3	102.7	1.1	1	0	0	0	1
114.5	111.8	1.02	0	0	0	0	0

92	102	0.9	1	0	0	0	1
93.5	89.2	1.05	0	1	0	0	0
69.3	99.2	0.7	0	1	0	0	0
90.3	82.7	1.09	1	0	0	0	1
119.9	111.4	1.08	0	1	0	1	1
87.8	82.3	1.07	0	1	0	0	0
96.9	110.3	0.88	1	0	0	1	1
106.5	108	0.99	0	2	0	1	0
109.3	126.3	0.87	0	0	0	0	0
103.7	106.3	0.98	1	1	0	0	1
85.5	119.4	0.72	0	1	0	1	0
110.6	108	1.02	1	0	0	1	1
107.7	115.8	0.93	0	0	0	0	0
82.3	118.2	0.7	0	1	0	1	0
110.4	122.5	0.9	1	1	0	1	1
102.1	100.8	1.01	0	0	0	1	0
105.3	98.3	1.07	1	0	0	0	1
98.3	96.1	1.02	0	0	0	0	0
101.1	92.8	1.09	0	1	0	1	0
112.6	119.5	0.94	0	1	0	1	0
85.1	105.1	0.81	0	0	0	1	0
134.3	129.9	1.03	0	2	0	0	1
113.9	108.3	1.05	0	1	0	1	1
100.2	98.1	1.02	0	1	0	0	0
115.3	127.9	0.9	0	0	0	0	0
97.7	110.4	0.88	0	1	0	0	0
101.9	92.5	1.1	0	2	0	0	0
59.4	88.9	0.67	0	1	0	1	0
79.2	112	0.71	0	0	0	0	0
117.6	123.5	0.95	0	0	0	1	0
99.5	87.8	1.13	0	1	0	0	0
85.1	93	0.92	0	1	0	1	0
125.3	109.3	1.15	1	0	0	0	1
105.8	105.9	1	1	2	0	0	1
79.3	93.7	0.85	0	0	0	0	0
105.9	95.6	1.11	1	0	0	0	1
94.2	97.9	0.96	0	0	0	0	0
75.1	84.6	0.89	1	0	0	1	1
83.5	106.5	0.78	0	0	0	1	0
75.6	91.9	0.82	1	1	0	0	1
87.1	92.3	0.94	0	1	0	1	0
96.4	97.3	0.99	0	0	0	0	0
103.6	103.8	1	0	1	0	1	1
85.6	87.9	0.97	0	0	0	1	0
62.7	76.1	0.82	0	0	0	0	0
90.4	83.9	1.08	1	1	0	0	1
122.1	122.5	1	0	0	0	1	0
108.7	92.9	1.17	0	0	0	0	0
93.3	127	0.73	0	1	0	0	0
85.2	115.8	0.74	0	0	0	0	0

96.4	119.8	0.8	1	1	0	0	1
102.1	100.9	1.01	1	0	0	0	1
116.8	113.4	1.03	0	0	0	0	0
78.7	94.3	0.83	1	1	0	0	1
74.9	86.8	0.86	0	0	0	0	0
70.5	81	0.87	0	1	0	0	0
85	108.5	0.78	0	0	0	0	0
106.5	117.9	0.9	1	0	0	0	1
88.4	91	0.97	1	1	0	1	1
110.1	115.2	0.96	1	2	0	0	1
122.6	127.1	0.96	0	1	0	0	0
87.9	88.8	0.99	0	0	0	1	0
106.1	100.2	1.06	0	0	0	0	0
94.7	116.7	0.81	0	0	0	1	0
77.3	71.3	1.08	1	0	0	0	1
89.2	93.6	0.95	1	1	0	0	1
83.8	97.9	0.86	0	0	0	0	0
93.1	88	1.06	0	0	0	0	0
101.5	104.8	0.97	1	0	0	1	1
80.5	102.8	0.78	0	0	0	1	0
102.9	113.2	0.91	1	0	0	0	1
103.1	83.9	1.23	0	0	0	0	0
97.2	99	0.98	0	0	0	0	0
93.4	94.5	0.99	1	1	0	1	1
84.2	95.6	0.88	0	0	0	1	0
80.1	87	0.92	0	0	0	1	0
100.9	114	0.89	0	0	0	0	0
67.5	61.2	1.1	0	2	0	1	0
97.9	100.2	0.98	1	2	0	0	1
108.1	107.7	1	0	1	0	0	0
110.1	97.8	1.13	0	0	0	0	0
126.7	122.1	1.04	0	1	0	0	0
107	109.7	0.98	1	1	0	0	1
108.4	111.9	0.97	0	0	0	0	0
93.2	86.9	1.07	0	0	0	0	0
78.1	80.3	0.97	0	0	0	1	0
110	107.8	1.02	1	1	0	0	1
80.1	105.3	0.76	0	0	0	1	0
95.8	119.5	0.8	0	1	0	1	0
77.4	97.9	0.79	0	0	0	0	0
99	87.2	1.14	1	1	0	0	1
98.2	108.7	0.9	0	1	0	1	0
101.1	111.5	0.91	0	1	0	0	0
83.9	74.3	1.13	1	0	0	1	1
97.9	108	0.91	1	0	0	0	1
82.6	102.8	0.8	1	0	0	0	1
97.6	104.4	0.93	0	1	0	0	0
70.4	77.4	0.91	0	0	0	1	0
80.8	106.9	0.76	0	2	0	0	0
82.8	92.9	0.89	0	2	0	1	0

97.2	111.3	0.87	0	0	0	0	0
99.2	87.6	1.13	1	0	0	0	1
97.5	105.2	0.93	1	1	0	1	1
98.8	91	1.09	0	0	0	0	0
64.7	75.9	0.85	0	1	0	0	0
88.3	117.8	0.75	0	0	0	1	0
115.5	115.1	1	0	0	0	0	0
89.4	117.9	0.76	0	1	0	0	0
92.3	88.1	1.05	0	0	0	0	0
92.2	120.1	0.77	0	2	0	0	0
83.4	116.3	0.72	0	0	0	0	0
105.3	103.3	1.02	0	2	0	0	0
107	103.2	1.04	1	0	0	0	1
60.1	79.7	0.75	1	1	0	1	1
72.4	106.6	0.68	0	2	0	0	0
82.2	77.8	1.06	0	0	0	0	0
139.5	113.8	1.23	0	0	0	1	1
95.6	105.3	0.91	0	0	0	0	0
95.1	111.2	0.86	0	0	0	0	0
114.9	109.4	1.05	0	0	0	0	0
95.8	94.4	1.01	0	1	0	0	0
83.9	87.6	0.96	0	1	0	0	0
93.2	93.8	0.99	1	0	0	1	1
79.7	64.5	1.24	0	0	0	0	0
79.9	112.9	0.71	1	0	0	1	1
102.5	113.7	0.9	1	1	0	0	1
82.6	107.7	0.77	1	0	0	1	1
85.8	104.6	0.82	0	0	0	1	0
87.1	89.1	0.98	0	0	0	0	0
88.4	82.8	1.07	0	0	0	1	0
77.8	104.9	0.74	0	1	0	0	0
111.2	110.6	1.01	0	1	0	0	0
100.3	119.2	0.84	1	0	0	0	1
86.7	96.9	0.89	0	1	0	0	0
86.7	99.6	0.87	0	0	0	0	0
76.2	85.1	0.9	0	0	0	0	0
74.6	104.9	0.71	0	0	0	0	0
118.2	113.7	1.04	1	1	0	0	1
80.1	104.3	0.77	0	0	0	1	0
82.8	111.6	0.74	0	0	0	1	0
105.7	91.8	1.15	1	0	0	0	1
75.7	77.3	0.98	0	0	0	0	0
123.4	129.8	0.95	0	0	0	1	0
103.4	109.8	0.94	0	0	0	0	0
85.7	93.7	0.91	1	0	0	1	1
89.5	97.4	0.92	0	1	0	1	0
74.9	104.4	0.72	0	0	0	1	0
86.2	93.4	0.92	0	0	0	0	0
76.6	100.9	0.76	0	0	0	1	0
92.3	117.4	0.79	0	0	0	0	0

107.2	105	1.02	0	0	0	0	0
102.8	100.7	1.02	0	1	0	0	0
101.6	95.9	1.06	1	0	0	0	1
107.8	101.1	1.07	0	0	0	1	0
78.4	96.2	0.81	1	0	0	1	1
93.2	111.1	0.84	0	2	0	0	0
104.5	105.5	0.99	0	1	0	0	0
89.8	92.4	0.97	1	0	0	0	1
67.6	83.4	0.81	0	1	0	0	0
111.5	109.4	1.02	1	0	0	1	1
79.3	115.5	0.69	0	0	0	1	0
64.7	96.5	0.67	0	0	0	0	0
105.1	125.9	0.83	1	2	0	0	1
76.6	93.3	0.82	0	1	0	1	0
106.7	126.8	0.84	1	2	0	0	1
97.1	117.2	0.83	1	1	0	0	1
85.9	102.3	0.84	0	0	0	1	0
99.9	107.3	0.93	0	0	0	1	0
89.8	100.9	0.89	0	2	0	0	0
107.5	103.5	1.04	0	0	0	0	0
110.7	125.9	0.88	1	0	0	1	1
85.3	81.2	1.05	0	0	0	0	0
97.6	103	0.95	1	0	0	1	1
89.1	107.9	0.83	0	0	0	0	0
94.5	100.1	0.94	0	1	0	1	0
114.5	128.5	0.89	0	0	0	1	0
99.6	102.7	0.97	0	0	0	0	1
88.8	113.9	0.78	0	0	0	0	0
100	94.8	1.05	0	1	0	0	0
107.1	128.7	0.83	0	0	0	0	0
87.2	80.3	1.09	1	0	0	0	1
61	102.5	0.6	1	1	0	1	1
121.4	125.9	0.96	0	1	0	1	1
93.9	107.8	0.87	0	0	0	0	0
92.7	101.8	0.91	1	0	0	0	1
95.2	119.2	0.8	1	0	0	0	1
103.2	105.5	0.98	0	1	0	0	0
106.4	95.3	1.12	0	0	0	0	0
104.3	96.5	1.08	0	0	0	0	0
71.9	93.2	0.77	0	1	0	0	0
55.3	86.5	0.64	0	0	0	1	0
94.4	102	0.93	0	1	0	0	0
55.1	90.8	0.61	1	0	0	1	1
95.5	100.3	0.95	1	1	0	0	1
93.8	126.1	0.74	1	0	0	0	1
96.1	106.4	0.9	1	0	0	0	1
87.9	106.7	0.82	0	1	0	0	0
125.2	100.7	1.24	0	0	0	1	0
103.3	116.7	0.89	0	2	0	1	0
110.4	124.1	0.89	0	0	0	1	0

94.3	113.5	0.83	0	1	0	0	0
52	83.5	0.62	0	0	0	0	0
110.2	116.1	0.95	0	0	0	0	0
68.9	101.9	0.68	1	1	0	0	1
104.9	75	1.4	0	0	0	0	0
79	113.7	0.69	0	0	0	0	1
82.2	101.4	0.81	1	2	0	0	1
91	96.9	0.94	0	1	0	1	0
86.3	81.7	1.06	0	0	0	0	0
113.1	90.4	1.25	0	0	0	0	0
97.1	101.3	0.96	0	1	0	1	0
85.5	112.1	0.76	0	0	0	0	0
78.2	104.5	0.75	0	1	0	0	0
108.2	114.9	0.94	0	1	0	0	0
108.1	109.9	0.98	1	0	0	1	1
91.5	104.8	0.87	0	2	0	1	1
87.9	102.4	0.86	0	0	0	1	0
127.4	130.9	0.97	1	2	0	0	1
112.2	113.3	0.99	0	1	0	1	0
91.1	91.4	1	0	1	0	1	0
87.4	123.6	0.71	0	0	0	1	0
82.2	108.2	0.76	1	1	0	1	1
119	109.2	1.09	0	0	0	0	0
89	100.3	0.89	1	0	0	1	1
87.2	80.4	1.08	1	0	0	0	1
105.3	103.4	1.02	0	0	0	0	0
116.2	114.6	1.01	0	0	0	1	0
93.3	104.1	0.9	1	0	0	0	1
86.8	94.8	0.92	0	0	0	0	0
94.7	85.5	1.11	0	0	0	0	0
119.9	115	1.04	0	0	0	1	0
94.5	106.6	0.89	0	0	0	1	0
77	87.4	0.88	0	0	0	0	0
75	81.4	0.92	0	1	0	0	0
108.1	119.6	0.9	1	0	0	1	1
78	78.9	0.99	0	1	0	0	0
111.7	109.6	1.02	0	0	0	0	0
101.7	90.2	1.13	0	0	0	0	0
84.7	102.1	0.83	0	0	0	0	0
91.1	97.9	0.93	0	0	0	0	0
72	112.8	0.64	1	0	0	1	1
96.4	88.8	1.09	1	0	0	1	1
102.5	109.2	0.94	1	1	0	0	1
83.3	111.7	0.75	1	0	0	0	1
104.5	115.7	0.9	0	0	0	1	1
71	76.6	0.93	1	0	0	0	1
102.4	113.3	0.9	0	1	0	1	0
104.1	89.8	1.16	0	0	0	1	0
101.5	83.7	1.21	0	0	0	0	0
78.8	100.4	0.78	1	0	0	0	1

81.5	100.2	0.81	0	0	0	0	0
75.5	83.2	0.91	0	0	0	1	0
74.5	97.3	0.77	0	1	0	0	0
82.2	92.6	0.89	0	0	0	1	0
83.5	105.3	0.79	0	0	0	1	0
112	122.7	0.91	1	0	0	0	1
71.4	94.4	0.76	0	1	0	0	0
134.8	111.7	1.21	0	0	0	1	0
75	86.9	0.86	1	1	0	0	1
67.1	97.8	0.69	0	1	0	0	0
93.4	97.4	0.96	1	0	0	0	1
93.6	106	0.88	0	1	0	0	0
96.3	108.6	0.89	1	2	0	1	1
115.6	102.7	1.13	0	0	0	1	0
87.3	101.7	0.86	0	1	0	0	0
80.5	115.9	0.69	1	0	0	1	1
90.1	99.7	0.9	0	1	0	0	0
110.3	129.7	0.85	0	1	0	0	1
114.8	93.4	1.23	0	1	0	1	0
124.4	102.5	1.21	0	0	0	1	1
104.6	120.6	0.87	1	2	0	0	1
101.9	120.7	0.84	0	0	0	1	0
90.2	103.6	0.87	0	0	0	0	0
70.8	96.5	0.73	0	1	0	0	0
88.4	90.9	0.97	0	2	0	0	0
91.4	109.6	0.83	1	2	0	0	1
113.9	118.7	0.96	0	0	0	1	1
83.3	93.2	0.89	0	0	0	0	0
78.4	92.6	0.85	1	0	0	1	1
117.7	119.3	0.99	1	1	0	1	1
81.8	91.1	0.9	0	1	0	0	0
79	110.6	0.71	1	0	0	0	1
99	108.4	0.91	0	0	0	1	0
61.3	84.6	0.72	0	1	0	1	0
118.1	94.8	1.25	0	1	0	1	1
83.8	110.6	0.76	0	1	0	0	0
102.7	110.1	0.93	1	0	0	0	1
110.2	111	0.99	1	1	0	1	1
45.2	75.8	0.6	1	0	0	1	1
88.3	97	0.91	0	2	0	1	0
89.7	110.1	0.81	0	2	0	0	0
84.5	97.8	0.86	0	2	0	0	0
99.7	98.7	1.01	0	0	0	1	0
82.4	80.5	1.02	0	1	0	0	0
108.8	112.4	0.97	1	0	0	0	1
89.1	106.3	0.84	0	0	0	0	0
79.3	91.5	0.87	0	1	0	0	0
86.7	105.7	0.82	1	0	0	0	1
88.3	105.5	0.84	0	0	0	1	0
117.7	104.1	1.13	0	1	0	0	0

125.7	112.6	1.12	0	0	0	0	0
90.5	84.4	1.07	1	0	0	0	1
111.5	100.9	1.11	1	1	0	0	1
116.5	102.8	1.13	0	0	0	0	0
99.6	123.1	0.81	1	1	0	0	1
77.2	94	0.82	1	0	0	0	1
89.3	96.4	0.93	0	1	0	1	0
111.4	110.1	1.01	1	1	0	0	1
83	105.4	0.79	1	0	0	0	1
98.1	95.2	1.03	0	0	0	0	0
90	101.1	0.89	0	1	0	1	0
84.8	108.8	0.78	0	0	0	0	0
87.9	92.3	0.95	1	0	0	0	1
102.2	106.8	0.96	1	0	0	0	1
109.2	93.9	1.16	0	1	0	0	0
84.8	97.7	0.87	1	1	0	1	1
82.9	112.1	0.74	1	0	0	1	1
94.5	105	0.9	0	0	0	0	0
124.7	106.2	1.17	0	2	0	1	1
79.6	109.8	0.72	0	0	0	1	0
103.1	112	0.92	1	0	0	0	1
87.3	105.7	0.83	0	2	0	0	0
105.1	105.3	1	0	1	0	0	0
81.7	113.1	0.72	0	0	0	1	0
77.3	90.2	0.86	0	1	0	0	0
88.6	81.4	1.09	0	1	0	0	0
103.8	99.1	1.05	0	0	0	0	0
93.7	108.3	0.87	0	0	0	0	0
95.1	118.6	0.8	0	0	0	0	0
96	118.8	0.81	0	0	0	1	1
92.9	100	0.93	1	1	0	0	1
86.3	95.9	0.9	1	0	0	0	1
87.7	106.9	0.82	0	1	0	0	0
94.7	102.4	0.92	0	0	0	0	0
111	113	0.98	0	2	0	0	0
89	106.8	0.83	1	0	0	0	1
77.2	120.4	0.64	1	0	0	0	1
71.2	113.6	0.63	0	1	0	1	0
76.4	122.2	0.63	0	1	0	0	0
70	92.1	0.76	1	0	0	1	1
80.8	95.4	0.85	0	0	0	1	0
81.9	101.7	0.81	1	0	0	0	1
82.1	81.5	1.01	1	0	0	0	1
103.9	107.9	0.96	1	0	0	0	1
100.5	98.6	1.02	0	1	0	1	0
68.1	98.3	0.69	0	0	0	0	0
75.9	86.1	0.88	1	0	0	0	1
104.3	125.1	0.83	1	0	0	0	1
104.8	111.8	0.94	0	0	0	0	0
91.2	100.7	0.91	0	0	0	0	0



88.8	91.3	0.97	1	1	0	1	1
102.1	106.9	0.96	0	0	0	1	0
114.5	110.2	1.04	0	0	0	1	1
88	84.3	1.04	0	0	0	0	0
94.1	114.3	0.82	0	0	0	0	0
100.7	115.4	0.87	0	0	0	0	1
91.6	111.9	0.82	0	1	0	0	0
125.3	117.7	1.06	1	0	0	1	1
78.7	95.1	0.83	0	0	0	1	0
81.7	79.7	1.03	0	1	0	0	0
84.2	104.5	0.81	0	0	0	0	0
91.3	99.9	0.91	0	2	0	0	0
80.6	85.3	0.94	0	1	0	0	0
88.9	107.9	0.82	1	1	0	1	1
126.4	99.5	1.27	1	0	0	1	1
100.4	92.3	1.09	1	0	0	1	1
71.1	94.3	0.75	0	1	0	1	0
88.9	105.9	0.84	0	1	0	0	0
88.9	98.3	0.9	0	0	0	1	0
78.6	96.1	0.82	1	2	0	0	1
72.4	78.4	0.92	0	2	0	0	0
92.3	93.3	0.99	1	0	0	1	1
96.1	89.3	1.08	1	0	0	0	1
102.2	120.3	0.85	1	0	0	0	1
94.4	109.2	0.86	0	0	0	1	0
80	100.2	0.8	0	1	0	0	0
97.3	103.7	0.94	0	1	0	0	0
95.5	96.4	0.99	0	0	0	0	0
87	88.1	0.99	0	0	0	1	0
76.1	89.2	0.85	1	2	0	1	1
105.1	125	0.84	1	1	0	0	1
84.8	95.9	0.88	0	1	0	1	0
117.5	104.3	1.13	0	0	0	1	0
93.5	105.1	0.89	0	0	0	0	0
89	98.1	0.91	1	2	0	1	1
105.9	106.2	1	1	1	0	1	1
98.6	132.5	0.74	0	1	0	0	0
94.7	102.4	0.92	0	1	0	1	0
89.4	91.4	0.98	1	0	0	0	1
93.7	105.8	0.89	1	2	0	0	1
97.2	106.7	0.91	0	0	0	0	0
88.1	108.1	0.81	0	1	0	1	0
103.2	87.5	1.18	0	0	0	0	0
78.4	86.9	0.9	1	1	0	0	1
104.4	114.2	0.91	0	0	0	1	0
100	99.7	1	0	2	0	0	0
91.8	107.7	0.85	1	0	0	0	1
67.4	97.1	0.69	1	1	0	1	1
79.4	112.7	0.7	0	0	0	1	0
113	83.7	1.35	1	0	0	1	1

84.5	89.2	0.95	0	0	0	1	0
62.8	74.1	0.85	1	0	0	1	1
92.4	119.3	0.77	1	1	0	1	1
86.7	111	0.78	0	0	0	0	0
91.8	101.3	0.91	1	0	0	0	1
86.6	108.6	0.8	1	0	0	0	1
87.7	91.6	0.96	1	0	0	1	1
79.8	89.5	0.89	0	0	0	1	0
113.3	121.5	0.93	1	0	0	1	1
82.1	96.9	0.85	1	2	0	0	1
104.4	121.1	0.86	0	0	0	0	0
73.9	96.3	0.77	1	0	0	1	1
109.2	113	0.97	0	1	0	0	0
95.9	127.7	0.75	0	0	0	0	0
88.3	94.3	0.94	0	0	0	1	0
100.7	135.6	0.74	1	0	0	1	1
61.7	87.6	0.7	0	0	0	1	0
94.9	102.7	0.92	0	0	0	1	0
82	96.4	0.85	0	1	0	0	0
106.2	97.4	1.09	0	2	0	0	0
95.1	104	0.91	1	0	0	1	1
80	99.9	0.8	0	1	0	0	0
88.5	104.4	0.85	0	1	0	1	0
108.5	105.3	1.03	1	1	0	1	1
97.4	92.7	1.05	1	1	0	0	1
86	92.2	0.93	0	0	0	0	0
118.6	93.5	1.27	1	1	0	1	1
83	103.5	0.8	0	0	0	0	0
104.8	121.2	0.86	0	1	0	0	0
86.2	85.6	1.01	0	2	0	1	0
75.9	90.2	0.84	1	0	0	1	1
85.3	91.5	0.93	1	0	0	0	1
115	89.8	1.28	0	0	0	1	0
75.3	86.5	0.87	0	1	0	0	0
84.2	98.6	0.85	1	0	0	0	1
107.2	118.1	0.91	0	0	0	0	0
89.4	96.8	0.92	1	1	0	0	1
102.4	115.3	0.89	0	1	0	1	0
101.6	110.2	0.92	0	0	0	0	1
92.8	85.6	1.08	0	1	0	0	0
65	97.2	0.67	0	0	0	1	0
92.3	93.6	0.99	0	2	0	1	0
97.9	102.3	0.96	1	0	0	0	1
99.4	104.5	0.95	0	0	0	0	0
103	127.7	0.81	1	0	0	0	1
89.5	100	0.9	0	1	0	0	0
85.6	114.2	0.75	0	0	0	1	0
99.3	100	0.99	0	1	0	1	0
90.3	111.6	0.81	0	0	0	1	0
81.4	100.2	0.81	1	0	0	0	1

101.2	122.7	0.82	0	0	0	0	0
98	118.2	0.83	0	0	0	0	0
97.1	100.5	0.97	0	0	0	0	0
105.2	81	1.3	0	0	0	0	0
81.5	108.1	0.75	0	1	0	1	0
93.6	102.2	0.92	0	0	0	0	0
92.8	96.3	0.96	1	0	0	1	1
107.3	105.1	1.02	0	0	0	0	0
85	84.6	1	1	0	0	0	1
73.3	103	0.71	1	0	0	0	1
93.7	78.4	1.2	0	1	0	0	0
123.9	116.3	1.07	1	0	0	1	1
70.5	104.7	0.67	1	2	0	0	1
78.4	90	0.87	0	2	0	1	0
102.2	114	0.9	1	0	0	0	1
79.6	99.3	0.8	0	0	0	1	0
78.7	79.6	0.99	0	0	0	0	0
80	92	0.87	0	0	0	0	0
80.8	91.2	0.89	1	1	0	0	1
81.1	95.4	0.85	1	0	0	0	1
124.5	115	1.08	1	0	0	1	1
69.9	82.7	0.85	0	0	0	0	0
115	113.9	1.01	0	0	0	1	0
74.2	86.1	0.86	0	1	0	0	0
96.7	121.6	0.8	1	0	0	1	1
125.9	104.5	1.2	0	1	0	0	0
93.1	107.2	0.87	0	0	0	1	0
85.8	96.2	0.89	0	1	0	1	0
116	124.6	0.93	0	0	0	0	0
91.5	119.5	0.77	0	0	0	1	0
98.3	100.4	0.98	1	1	0	1	1
70.1	94	0.75	0	0	0	0	0
104.6	101.1	1.03	0	0	0	1	0
78.9	105.7	0.75	1	1	0	0	1
100.7	112.4	0.9	1	0	0	1	1
129.2	100	1.29	0	0	0	1	0
99.1	101.9	0.97	1	0	0	1	1
103.4	92.7	1.12	1	1	0	1	1
91.2	117.7	0.77	0	0	0	0	0
111.8	104.5	1.07	0	0	0	1	0
101.3	95.9	1.06	0	1	0	0	0
101.4	95.3	1.06	1	0	0	1	1
91.6	104.2	0.88	0	0	0	0	0
73.4	93.2	0.79	1	0	0	1	1
111.3	117	0.95	1	1	0	0	1
116.6	121.9	0.96	0	0	0	0	1
66.9	89.4	0.75	0	1	0	0	0
73.2	99.7	0.73	0	0	0	0	0
78.9	99.5	0.79	0	0	0	1	0
96	117.1	0.82	0	0	0	1	0

86.8	99.4	0.87	1	0	0	1	1
84	86.6	0.97	0	1	0	1	0
86.6	90.5	0.96	1	0	0	0	1
83.7	85.3	0.98	1	1	0	0	1
106.2	122.2	0.87	0	1	0	1	0
91.2	106	0.86	0	1	0	0	0
104.2	103	1.01	0	0	0	0	0
71.9	99.4	0.72	0	0	0	1	0
98.1	117.3	0.84	0	0	0	0	0
83.7	96.5	0.87	0	0	0	0	0
95.8	99	0.97	0	0	0	0	0
86.7	101	0.86	0	0	0	0	0
90.4	82.4	1.1	0	0	0	0	0
112.3	121.6	0.92	0	1	0	0	0
86.7	93.6	0.93	1	0	0	0	1
133.1	134.8	0.99	1	0	0	0	1
117.5	101	1.16	0	2	0	0	0
108.8	108.1	1.01	1	1	0	1	1
109.8	122.3	0.9	0	0	0	0	0
103.8	119.3	0.87	0	0	0	0	0
100.7	123.3	0.82	0	1	0	0	0
66.6	118.7	0.56	0	0	0	1	0
83.8	105.4	0.8	1	1	0	0	1
112.1	109.4	1.02	0	0	0	1	0
76.4	94.7	0.81	0	0	0	0	0
84.9	87.6	0.97	0	1	0	0	0
109.5	113.1	0.97	1	0	0	0	1
77.5	84.4	0.92	1	1	0	0	1
59.4	90.5	0.66	0	0	0	0	0
68.6	84.2	0.81	0	1	0	0	0
108.2	130.4	0.83	0	0	0	1	0
107.5	125.7	0.86	0	1	0	0	0
90.9	83.5	1.09	0	0	0	1	0
73.4	95.3	0.77	0	0	0	0	0
102.7	101	1.02	1	0	0	0	1
79	112.6	0.7	0	1	0	0	0
103.2	97.1	1.06	1	0	0	0	1
75.7	103.5	0.73	0	0	0	0	0
118.3	108.1	1.09	0	0	0	1	1
86.5	112.3	0.77	0	0	0	1	0
93.8	99.3	0.94	1	1	0	1	1
95.7	114.8	0.83	0	0	0	1	0
76.7	73.2	1.05	0	0	0	0	0
89.8	105.9	0.85	0	0	0	0	0
83.9	112.5	0.75	0	0	0	1	0
83.3	92.5	0.9	0	0	0	0	0
65.2	73.5	0.89	1	0	0	0	1
104.2	100.4	1.04	0	0	0	0	0
101	76.5	1.32	0	0	0	1	0
108.9	88.3	1.23	0	1	0	1	0

126.7	116.5	1.09	1	2	0	1	1
91.7	92.8	0.99	0	1	0	1	0
77.2	90.9	0.85	0	0	0	1	0
94.2	85.6	1.1	1	0	0	0	1
70.6	111.3	0.63	0	0	0	0	0
85.7	93.9	0.91	0	0	0	0	0
111.3	128.2	0.87	0	0	0	1	0
111.5	108.2	1.03	0	0	0	0	0
86	97	0.89	0	0	0	0	0
104.4	105.6	0.99	1	0	0	1	1
91.2	105.5	0.86	0	1	0	0	0
81.7	91.7	0.89	1	1	0	1	1
86.2	91.4	0.94	0	1	0	0	0
96.9	108.5	0.89	1	0	0	0	1
100.2	123.6	0.81	0	0	0	1	1
85.6	118.7	0.72	1	2	0	1	1
89.7	105.6	0.85	0	2	0	1	0
115.7	104.8	1.1	1	0	0	1	1
91.7	109.9	0.83	0	2	0	1	0
96.4	112	0.86	0	0	0	1	1
116.5	124.2	0.94	0	0	0	1	0
88.8	112	0.79	0	1	0	0	0
98.4	118.3	0.83	1	0	0	1	1
77.2	109.1	0.71	0	1	0	0	0
56.2	74.8	0.75	0	0	0	0	0
94.3	114.8	0.82	1	0	0	0	1
70.5	91	0.77	0	1	0	0	0
107.3	77.5	1.38	1	1	0	0	1
75.8	85.7	0.88	0	0	0	1	0
96	100.9	0.95	0	0	0	0	0
81	91.6	0.88	1	1	0	0	1
91	99.4	0.92	1	1	0	1	1
81.9	89.3	0.92	0	0	0	0	0
70.4	87.8	0.8	1	1	0	0	1
110.3	119.1	0.93	0	1	0	0	0
96.2	111.5	0.86	0	0	0	0	0
102.5	110.1	0.93	0	0	0	0	0
89.3	105.6	0.85	1	0	0	1	1
96.8	111.7	0.87	0	0	0	1	0
73.5	85.9	0.86	0	0	0	0	0
87	108.2	0.8	1	1	0	0	1
91.1	117.4	0.78	0	0	0	1	0
81.7	88.9	0.92	1	1	0	0	1
105.3	123.9	0.85	0	0	0	1	0
94.4	97.7	0.97	1	0	0	0	1
93.5	93.3	1	0	0	0	0	0
94.7	120.1	0.79	1	1	0	0	1
85.8	102.1	0.84	1	1	0	0	1
109.2	111.6	0.98	0	0	0	0	0
103.3	80.7	1.28	0	0	0	1	0

128.5	122.4	1.05	0	0	0	1	1
133.2	116.7	1.14	0	1	0	1	1
99.5	120.5	0.83	0	0	0	1	0
106.4	98.8	1.08	0	1	0	0	0
98	104.4	0.94	1	1	0	0	1
113.1	101	1.12	1	0	0	0	1
112.8	113.5	0.99	1	0	0	1	1
97.4	110.8	0.88	0	1	0	1	0
121.4	108.6	1.12	1	1	0	1	1
109.7	107	1.03	0	0	0	1	0
120.8	120.1	1.01	1	0	0	0	1
87.5	82.1	1.07	0	0	0	0	0
121.7	111.2	1.09	1	0	0	0	1
132.7	102.7	1.29	0	0	0	0	0
97.7	106.9	0.91	1	0	0	0	1
101.5	125.1	0.81	0	0	0	1	0
104.7	119.1	0.88	0	1	0	0	0
74.9	101.1	0.74	0	1	0	0	0
99.1	90.8	1.09	0	1	0	0	0
109.4	101.3	1.08	1	1	0	0	1
117.3	101.1	1.16	0	1	0	1	0
70.1	95.6	0.73	0	2	0	0	0
79.8	93.7	0.85	0	0	0	0	0
77.6	109.5	0.71	0	1	0	0	0
101.6	107	0.95	1	0	0	0	1
83.5	103.1	0.81	1	2	0	1	1
111.2	112.3	0.99	0	1	0	0	0
101.4	116.1	0.87	0	0	0	1	0
94.3	98.5	0.96	0	1	0	0	0
90.3	101.7	0.89	0	0	0	0	0
122.4	121	1.01	0	1	0	0	0
85.6	113.2	0.76	0	0	0	0	0
91.1	97.8	0.93	0	0	0	0	0
83	102.4	0.81	1	0	0	0	1
109.3	108.4	1.01	0	0	0	0	0
122.6	116.9	1.05	1	1	0	0	1
91.3	77.7	1.18	0	0	0	1	0
101.9	97.7	1.04	0	0	0	0	0
96.1	97.7	0.98	0	0	0	1	0
95.4	90.4	1.06	1	0	0	1	1
86.3	108.7	0.79	0	2	0	0	0
85.9	92.8	0.93	1	2	0	0	1
93.4	119	0.78	1	0	0	1	1
109	95.2	1.14	0	1	0	0	0
57.3	97	0.59	0	0	0	1	0
75.9	107.9	0.7	0	0	0	0	0
91.2	102.5	0.89	0	0	0	1	0
85.1	89.5	0.95	0	0	0	1	0
89.6	97.2	0.92	0	0	0	0	0
97.7	113.1	0.86	1	0	0	0	1

74.7	92.2	0.81	1	0	0	0	1
80.9	72.3	1.12	0	1	0	0	0
81.7	117.4	0.7	0	0	0	1	0
86.8	99.2	0.88	0	0	0	1	0
90	85.1	1.06	1	0	0	0	1
95	100	0.95	1	0	0	0	1
90	116.2	0.77	0	0	0	0	0
84.6	85.5	0.99	0	1	0	0	0
93.2	100.6	0.93	0	0	0	0	0
98.5	98.4	1	0	0	0	0	0
70.9	88.4	0.8	0	0	0	0	0
94.8	101.4	0.93	0	1	0	1	0
99.4	110	0.9	1	0	0	0	1
87.7	100.6	0.87	1	0	0	1	1
97.6	86.6	1.13	0	0	0	0	0
67.9	74.9	0.91	0	0	0	0	0
119	120.6	0.99	0	2	0	0	0
88.3	96.2	0.92	0	0	0	0	0
74.8	98.7	0.76	0	1	0	0	0
93.9	115.3	0.81	0	1	0	0	0
86	110.1	0.78	0	0	0	0	0
110.7	103.9	1.07	0	0	0	1	0
92.8	119.7	0.78	0	0	0	0	0
63.2	86.7	0.73	0	2	0	0	0
78.5	89	0.88	1	0	0	1	1
87.1	73.2	1.19	0	2	0	1	0
79	102.2	0.77	0	0	0	0	0
90.4	116.8	0.77	1	1	0	0	1
92.5	117.1	0.79	0	0	0	0	0
105.8	98.1	1.08	0	0	0	1	0
106.3	111.5	0.95	0	2	0	0	0
82.4	104.4	0.79	1	0	0	1	1
114.4	110.8	1.03	0	0	0	0	0
110.4	114.6	0.96	1	0	0	1	1
84.1	96.5	0.87	0	0	0	1	0
94.6	99.7	0.95	0	0	0	0	0
83.3	101.7	0.82	0	0	0	0	0
114.5	123.2	0.93	0	0	0	0	0
81.4	87.5	0.93	0	0	0	0	0
134.7	99.8	1.35	0	0	0	0	0
92.9	82.8	1.12	0	0	0	0	0
107	112	0.96	0	0	0	1	0
108.5	111	0.98	0	0	0	0	0
82	103.7	0.79	1	0	0	1	1
108.4	105.1	1.03	0	0	0	0	0
76.4	116.3	0.66	0	2	0	0	0
77.7	100.4	0.77	0	0	0	0	0
120.4	114.8	1.05	0	0	0	0	0
76.5	94.4	0.81	1	1	0	1	1
92.3	107.5	0.86	0	2	0	1	0

98.8	119.8	0.82	0	0	0	1	1
102.5	124.3	0.82	0	0	0	1	1
115	124.5	0.92	1	0	0	0	1
113.9	116.5	0.98	0	0	0	1	0
102.2	104.2	0.98	0	1	0	0	0
111.4	120	0.93	0	0	0	0	0
93	100.8	0.92	0	1	0	1	1
79.2	90.2	0.88	0	1	0	0	0
97.2	106.6	0.91	0	0	0	0	0
113.3	105.8	1.07	0	0	0	0	0
72.1	92.4	0.78	0	1	0	0	0
86.5	93.4	0.93	0	0	0	0	0
110.3	118	0.93	0	0	0	1	0
107.9	104.5	1.03	1	1	0	1	1
73.4	107.9	0.68	0	2	0	0	0
88.3	115.9	0.76	1	1	0	1	1
94.9	101.6	0.93	1	0	0	0	1
75.1	90.2	0.83	1	0	0	0	1
99.1	112.6	0.88	0	0	0	0	0
91.6	114.7	0.8	0	2	0	1	0
86.6	109.5	0.79	0	0	0	0	0
93.2	91.7	1.02	1	0	0	0	1
96	103.4	0.93	1	0	0	1	1
87.3	92.5	0.94	0	0	0	0	0
99.5	101.7	0.98	0	2	0	1	0
121.9	106	1.15	1	0	0	1	1
98.2	80.6	1.22	1	0	0	0	1
106.8	112.7	0.95	0	0	0	1	0
96.6	109.6	0.88	0	1	0	0	0
111.1	106.5	1.04	1	0	0	1	1
102.1	108.4	0.94	0	0	0	1	1
100	109.5	0.91	0	0	0	0	0
77.1	95	0.81	0	0	0	0	0
88.7	103.5	0.86	0	0	0	0	0
80.9	110.4	0.73	1	0	0	0	1
99.9	100.3	1	0	0	0	1	1
108	122.2	0.88	0	1	0	0	1
92.9	87.4	1.06	0	1	0	1	0
84.9	93.3	0.91	0	0	0	1	0
112.8	111.4	1.01	1	0	0	1	1
102.5	108.5	0.94	0	0	0	1	0
94.5	104.8	0.9	0	0	0	1	0
81.3	72.2	1.13	1	0	0	0	1
92.1	90.1	1.02	1	0	0	0	1
112.6	116.3	0.97	0	0	0	0	0
99.4	118.6	0.84	1	2	0	1	1
91.7	106.6	0.86	0	0	0	1	0
90.7	92.6	0.98	0	1	0	0	0
90	116.9	0.77	1	1	0	0	1
116.2	137.6	0.84	0	0	0	0	0



103.5	104.6	0.99	1	0	0	0	1
109.6	123.5	0.89	0	0	0	0	0
99.5	116.2	0.86	0	0	0	0	0
90.5	116.3	0.78	0	1	0	1	0
87.2	99.1	0.88	0	0	0	0	0
115.6	125.6	0.92	1	0	0	1	1
102.9	121.6	0.85	0	1	0	1	0
107.9	97.5	1.11	1	0	0	1	1
94.2	107.4	0.88	1	0	0	0	1
94.5	95.1	0.99	0	0	0	0	0
94.5	106	0.89	0	0	0	0	0
99.4	86.8	1.15	1	0	0	0	1
88.1	113.1	0.78	1	0	0	0	1
108.6	126.1	0.86	1	0	0	0	1
75.1	86.3	0.87	1	0	0	0	1
57.5	94.4	0.61	0	0	0	1	0
113	108.5	1.04	1	1	0	0	1
76.7	104.5	0.73	1	0	0	0	1
75.9	83	0.91	0	0	0	1	0
81.9	110.8	0.74	0	1	0	1	0
89.5	99.3	0.9	0	1	0	0	0
74.3	90.9	0.82	0	1	0	0	0
97.9	97.6	1	1	1	0	0	1
90.6	87.8	1.03	1	2	0	1	1
85.4	79.1	1.08	0	0	0	0	0
94.4	106.4	0.89	1	0	0	1	1
84.9	87.1	0.97	0	0	0	0	0
107.1	120.8	0.89	0	0	0	1	0
100.9	101.6	0.99	0	0	0	1	0
125.3	111.2	1.13	0	0	0	0	0
91.1	93.4	0.98	1	1	0	0	1
109.6	101	1.09	0	0	0	0	0
46	89.1	0.52	1	1	0	0	1
83.9	111.7	0.75	0	0	0	0	0
82.4	92.7	0.89	0	0	0	0	0
110.3	124	0.89	0	1	0	0	0
110	125	0.88	0	0	0	0	0
102.8	120.3	0.85	0	0	0	0	0
117.2	110.9	1.06	1	0	0	0	1
99.3	103.9	0.96	0	1	0	0	0
85.6	108.9	0.79	1	0	0	1	1
73.2	86.8	0.84	1	1	0	1	1
96.6	98.4	0.98	0	1	0	0	0
118.7	117.7	1.01	0	0	0	0	0
86.3	75.7	1.14	1	0	0	0	1
103.3	102.1	1.01	0	0	0	0	0
108.7	108.2	1	0	0	0	1	0
91.3	98.7	0.93	1	1	0	1	1
105.4	110.4	0.95	0	0	0	1	0
88.4	82.7	1.07	1	0	0	1	1

101	116.8	0.86	1	1	0	0	1
85.5	86.2	0.99	1	0	0	0	1
90.7	84.5	1.07	1	2	0	0	1
129.8	120.1	1.08	0	0	0	1	0
82.2	113.9	0.72	1	1	0	0	1
90.3	98.5	0.92	0	0	0	0	0
96.1	108.5	0.89	0	1	0	0	0
81.8	92.2	0.89	0	0	0	0	0
108.7	96	1.13	0	0	0	1	0
121.7	117.9	1.03	0	0	0	0	0
95.2	97	0.98	0	0	0	0	0
93.4	96.5	0.97	1	0	0	0	1
89.7	111.9	0.8	0	1	0	0	0
107.9	122	0.88	1	0	0	0	1
122	112.8	1.08	0	0	0	0	0
105.1	90.3	1.16	1	0	0	1	1
84.5	125.8	0.67	0	1	0	0	0
98.4	103.8	0.95	1	0	0	1	1
94.6	94.8	1	0	1	0	0	1
92.3	98.2	0.94	0	0	0	0	0
117.3	99.7	1.18	0	0	0	0	0
107.6	103.3	1.04	0	0	0	1	0
90.1	120.7	0.75	0	0	0	1	0
101.3	95.3	1.06	0	0	0	1	0
63.7	86.6	0.74	0	0	0	0	0
91.1	101.3	0.9	0	1	0	0	0
127.2	119.4	1.07	0	0	0	1	0
64.6	108.5	0.6	1	0	0	1	1
74.2	95.1	0.78	1	0	0	0	1
115.7	115.3	1	0	0	0	1	0
85	116.8	0.73	0	0	0	1	0
107.9	108.1	1	0	0	0	0	0
81.9	89.9	0.91	0	2	0	0	0
106.5	128	0.83	1	0	0	0	1
77.1	97.5	0.79	0	1	0	0	0
103.3	112.6	0.92	0	1	0	0	0
115.2	108.7	1.06	0	0	0	0	0
57.2	87	0.66	1	1	0	0	1
89.4	92.8	0.96	1	0	0	1	1
70.3	77.4	0.91	0	0	0	1	0
74.4	80.1	0.93	0	1	0	0	0
69.7	104	0.67	0	1	0	0	0
83.1	89.6	0.93	0	0	0	0	0
117	126.7	0.92	0	0	0	0	0
98.6	119.9	0.82	0	1	0	1	1
132.9	124.7	1.07	0	0	0	1	1
98.5	82.6	1.19	1	1	0	1	1
86.3	100.5	0.86	0	0	0	1	0
110.2	103.7	1.06	1	0	0	1	1
90.3	100.6	0.9	0	0	0	0	0

92.6	87.3	1.06	0	0	0	0	0
73.6	103.6	0.71	0	1	0	1	0
83.9	77.4	1.08	0	0	0	1	0
87.6	95.1	0.92	1	0	0	1	1
85.6	97.3	0.88	0	1	0	0	0
63.2	103.7	0.61	1	1	0	0	1
100.8	107.3	0.94	0	0	0	1	0
83.4	85.8	0.97	0	1	0	0	0
90.1	91.7	0.98	1	1	0	1	1
82.2	93.6	0.88	0	0	0	0	0
89	97.6	0.91	0	0	0	0	0
72.4	91.5	0.79	0	0	0	0	0
84.9	114.4	0.74	0	1	0	0	0
86.3	102.6	0.84	0	0	0	0	0
73.4	77.4	0.95	1	0	0	0	1
105.7	119.9	0.88	0	1	0	0	0
110.9	112	0.99	0	1	0	1	0
121.7	118.8	1.02	1	2	0	0	1
102.5	119.6	0.86	0	1	0	1	0
111.3	116.8	0.95	0	0	0	1	1
107.5	113.5	0.95	0	0	0	0	0
92.7	110.6	0.84	0	0	0	0	0
75.9	121	0.63	1	0	0	0	1
69.8	87.8	0.79	1	0	0	0	1
103.8	100.4	1.03	0	1	0	0	0
90.1	104	0.87	0	1	0	0	0
133	138.8	0.96	0	0	0	1	0
85.3	103.7	0.82	0	0	0	1	0
92.1	115.5	0.8	0	0	0	1	0
94.8	96.6	0.98	0	0	0	0	0
90.3	110	0.82	0	2	0	1	0
75	85.2	0.88	0	0	0	1	0
110.1	119.1	0.92	1	1	0	0	1
119.6	103.2	1.16	0	0	0	0	0
83	85.8	0.97	0	1	0	0	0
89.4	95.6	0.94	1	0	0	1	1
82.7	115.8	0.71	0	0	0	1	0
84.9	85	1	0	2	0	0	0
96.4	124.7	0.77	0	0	0	0	0
86.1	108.2	0.8	1	1	0	1	1
101.3	121.7	0.83	1	2	0	0	1
84.2	88.1	0.96	1	0	0	0	1
137.8	119.4	1.15	0	0	0	0	1
82.4	105.5	0.78	0	1	0	1	0
75.7	104.5	0.72	0	2	0	0	0
100	121.3	0.82	1	0	0	0	1
122.3	106.5	1.15	0	1	0	1	0
101.5	113.2	0.9	0	0	0	0	0
104.9	118.1	0.89	0	1	0	1	0
105.2	106.9	0.98	1	1	0	0	1

78.4	95.5	0.82	1	0	0	0	1
73.3	78.7	0.93	0	0	0	0	0
102.2	112	0.91	0	0	0	0	0
121.5	125.6	0.97	0	1	0	0	0
68.2	81.6	0.84	0	0	0	1	0
68.8	77.9	0.88	0	1	0	1	0
74.5	84.1	0.89	0	1	0	0	0
113.2	107.7	1.05	0	0	0	1	0
108.2	116.7	0.93	1	0	0	0	1
83.6	95.5	0.88	1	2	0	1	1
109.5	114.8	0.95	0	0	0	0	1
83.2	77.7	1.07	0	0	0	0	0
100.1	130	0.77	0	0	0	1	1
90	95.6	0.94	1	0	0	0	1
72.1	91.6	0.79	0	1	0	1	0
96.8	98	0.99	0	0	0	0	0
87	76.3	1.14	1	0	0	0	1
77.4	75.2	1.03	0	1	0	1	0
81.3	77.8	1.04	1	1	0	0	1
75.9	100.8	0.75	0	1	0	0	0
94.6	98.2	0.96	0	1	0	0	0
108.8	118.7	0.92	1	0	0	1	1
99.5	109.1	0.91	0	1	0	0	0
86.7	80.2	1.08	1	2	0	0	1
101.2	78.4	1.29	0	0	0	0	0
98.7	101.8	0.97	0	0	0	0	0
137.6	118.6	1.16	0	0	0	0	0
75.1	74.7	1.01	1	0	0	1	1
99.5	104.3	0.95	0	0	0	1	0
102.5	109.3	0.94	0	0	0	1	0
119.4	120.1	0.99	0	1	0	0	0
106.7	104.1	1.02	0	0	0	0	0
71.8	97.9	0.73	0	2	0	0	0
91.7	103.9	0.88	0	1	0	1	0
93.7	123.9	0.76	0	0	0	0	0
98.4	107.3	0.92	0	0	0	1	0
75.4	91.3	0.83	1	1	0	1	1
87.5	80.5	1.09	1	0	0	1	1
79.6	81.4	0.98	0	0	0	1	0
76.8	89.3	0.86	0	1	0	1	0
95.5	140.8	0.68	0	0	0	0	0
99.1	99.5	1	0	0	0	0	0
92.5	111	0.83	1	0	0	1	1
110.5	101.8	1.09	0	1	0	0	0
118.6	104.2	1.14	0	1	0	0	0
113.1	119.2	0.95	0	0	0	1	0
82	83.6	0.98	0	0	0	0	0
65.1	109.2	0.6	0	1	0	1	0
104.5	131	0.8	0	1	0	0	0
102.2	100.8	1.01	0	2	0	1	1

111.4	102.6	1.09	0	0	0	0	0
88.6	97.9	0.91	0	0	0	1	0
91.9	98.9	0.93	0	0	0	0	0
92.5	123	0.75	0	1	0	0	0
86.8	112.8	0.77	1	0	0	0	1
105.3	106.3	0.99	0	0	0	0	0
94.7	107	0.89	1	0	0	0	1
81.4	96.7	0.84	1	0	0	0	1
66.3	102.7	0.65	0	0	0	1	0
112.6	95.5	1.18	0	0	0	0	0
112.5	131.3	0.86	0	0	0	1	1
95	109.8	0.87	1	0	0	1	1
65.1	81.2	0.8	1	0	0	0	1
111.3	102	1.09	0	0	0	1	0
67.6	94.3	0.72	0	0	0	0	0
113.8	112	1.02	0	0	0	0	0
80.6	66.8	1.21	0	0	0	0	0
91.9	88.1	1.04	1	1	0	0	1
118.4	103.4	1.15	0	0	0	0	0
84.1	101.2	0.83	1	1	0	1	1
98.5	102.3	0.96	1	2	0	1	1
105.5	103.2	1.02	0	1	0	1	1
70.1	79.5	0.88	0	1	0	1	0
126.2	120.3	1.05	0	0	0	1	0
90.9	116.8	0.78	0	1	0	1	0
101.2	101	1	0	0	0	0	0
81.6	88.7	0.92	1	0	0	0	1
86.5	94.5	0.92	0	0	0	1	0
77.5	94.4	0.82	0	2	0	0	0
66	109.9	0.6	0	0	0	0	0
66.1	89.8	0.74	0	0	0	1	0
88.7	93.7	0.95	0	0	0	1	0
64.4	86.7	0.74	1	0	0	1	1
102.8	101.7	1.01	0	1	0	0	0
94.8	101.1	0.94	1	0	0	1	1
106	103.3	1.03	0	0	0	1	1
81.8	111.9	0.73	0	0	0	1	0
96.1	98	0.98	0	0	0	1	0
84.4	89	0.95	0	1	0	1	0
90.9	87.6	1.04	0	1	0	0	0
100.3	94.7	1.06	0	0	0	1	0
94	91.6	1.03	0	0	0	1	0
62.9	89.7	0.7	1	1	0	1	1
97.5	112.6	0.87	0	2	0	1	0
83.2	105.2	0.79	0	1	0	1	0
99.1	82.8	1.2	0	0	0	0	0
87.6	97	0.9	0	0	0	0	0
95.6	93.5	1.02	0	0	0	0	0
100.7	136	0.74	1	0	0	1	1
109.3	120.3	0.91	0	0	0	0	0

103.5	100.5	1.03	0	0	0	1	0
86.1	93.4	0.92	1	2	0	1	1
106.7	95	1.12	0	1	0	0	0
77.6	95.2	0.82	1	0	0	1	1
123.2	130.3	0.95	0	1	0	1	0
94.4	103.6	0.91	0	0	0	0	0
104.6	118.6	0.88	0	2	0	0	1
114.5	103.4	1.11	0	0	0	1	0
99.6	112	0.89	0	0	0	1	0
98.3	99.1	0.99	0	0	0	0	0
121.7	121.7	1	0	0	0	1	1
51.2	101.8	0.5	1	2	0	0	1
107	91.4	1.17	1	1	0	0	1
117.2	131.6	0.89	0	1	0	1	0
114	112.1	1.02	1	0	0	0	1
75.9	98.9	0.77	1	0	0	0	1
80	115.5	0.69	0	0	0	1	0
80.9	74.6	1.08	0	0	0	0	0
91.3	106.7	0.86	0	1	0	1	0
84.7	108.2	0.78	0	0	0	1	1
106.1	116	0.91	0	0	0	1	0
106.3	111.6	0.95	0	0	0	0	0
124.1	109	1.14	1	0	0	0	1
80.3	87.7	0.92	0	0	0	1	0
107.2	99.6	1.08	1	1	0	1	1
84.2	101.4	0.83	0	1	0	0	0
91	115.2	0.79	0	0	0	0	0
92	80.7	1.14	0	0	0	0	0
102	97.8	1.04	0	0	0	0	0
99.1	106.7	0.93	0	2	0	0	0
94	93	1.01	0	0	0	0	0
71.9	81.4	0.88	0	1	0	0	0
96.6	95.2	1.01	1	0	0	0	1
84.2	94.5	0.89	0	0	0	0	0
92.7	95.3	0.97	0	0	0	0	0
85.6	88.8	0.96	0	0	0	0	0
102.2	126.3	0.81	1	0	0	0	1
108.8	103.1	1.06	0	0	0	0	0
87.9	113	0.78	1	0	0	0	1
91	110	0.83	1	0	0	0	1
94.3	99.7	0.95	0	0	0	0	0
99.1	123.5	0.8	0	1	0	1	0
96.6	109.4	0.88	0	0	0	1	0
95.7	107.8	0.89	0	0	0	1	0
75.9	107.2	0.71	0	0	0	0	0
75.7	103.3	0.73	0	2	0	1	0
77.6	93.6	0.83	0	1	0	0	0
94.9	97.9	0.97	0	1	0	1	0
87.7	101.4	0.86	1	1	0	1	1
81.8	76.9	1.06	0	0	0	0	0

84	102.4	0.82	1	0	0	0	1
71.8	95.1	0.75	0	2	0	0	0
93.3	115	0.81	1	0	0	1	1
89.6	77.8	1.15	0	1	0	0	0
111.9	113.3	0.99	0	2	0	1	0
96.7	106.3	0.91	1	0	0	1	1
110.4	98.1	1.13	1	0	0	0	1
108.3	101.7	1.06	0	0	0	0	0
91.6	131.5	0.7	0	0	0	0	0
105.7	115.7	0.91	1	2	0	0	1
71.1	85.1	0.84	0	0	0	0	0
110.1	104.2	1.06	1	0	0	0	1
84.6	93.1	0.91	0	0	0	1	0
103.7	118.4	0.88	0	0	0	0	0
113.2	118.4	0.96	1	1	0	1	1
96.6	89.2	1.08	0	0	0	0	0
101.1	98.2	1.03	1	1	0	0	1
92.7	118	0.79	0	0	0	0	0
67	81.3	0.82	0	1	0	0	0
92	106.9	0.86	0	1	0	0	0
124.9	122.8	1.02	0	0	0	1	1
84.1	116.9	0.72	0	2	0	1	0
99.9	116.6	0.86	1	0	0	1	1
73.3	91.9	0.8	0	0	0	1	0
101.6	113.5	0.9	1	1	0	0	1
74.3	106.4	0.7	0	0	0	0	0
73.2	108.1	0.68	1	0	0	0	1
110.8	136.5	0.81	0	2	0	1	0
99.7	94.7	1.05	1	0	0	1	1
96.2	103.7	0.93	1	1	0	1	1
104.3	130.4	0.8	0	1	0	0	0
128.1	116.2	1.1	1	2	0	0	1
103.6	101.7	1.02	1	0	0	0	1
112.7	113.1	1	1	0	0	0	1
89.7	92.9	0.97	0	1	0	1	0
105.3	100.9	1.04	1	1	0	0	1
104.9	100.9	1.04	0	1	0	0	0
97.3	100.6	0.97	0	0	0	0	0
97.1	106	0.92	0	0	0	0	0
114.6	115.6	0.99	0	0	0	0	0
92	94.9	0.97	0	1	0	1	0
77.5	85.2	0.91	0	1	0	0	0
54.8	108.8	0.5	1	1	0	1	1
60.3	95.6	0.63	0	0	0	1	0
101.8	114.7	0.89	1	1	0	0	1
100	105.8	0.95	0	0	0	0	0
100.2	110.5	0.91	0	0	0	1	0
100.7	110.7	0.91	0	1	0	0	0
74.9	112.4	0.67	0	0	0	1	0
102.9	106.7	0.96	0	0	0	0	0

96.6	97	1	0	2	0	0	0
94.1	115.6	0.81	1	0	0	0	1
124.9	127.5	0.98	0	1	0	1	0
95	93.7	1.01	0	1	0	0	0
95.4	110.9	0.86	1	0	0	1	1
86.3	87.2	0.99	0	1	0	0	0
105.7	98	1.08	0	0	0	1	1
109	119.6	0.91	1	0	0	1	1
94.2	117.9	0.8	0	0	0	1	0
76.2	106.7	0.71	0	0	0	1	0
94.6	114.5	0.83	0	1	0	1	0
96.2	103.7	0.93	0	0	0	0	0
87.8	91.3	0.96	0	0	0	0	0
101.7	112	0.91	0	0	0	1	0
108.3	116.5	0.93	0	0	0	0	0
90.8	85.8	1.06	0	2	0	0	0
83.7	100.3	0.83	0	0	0	0	0
81.2	103.2	0.79	0	0	0	1	0
93.4	112	0.83	1	0	0	0	1
102.5	107	0.96	1	0	0	0	1
90.5	112.4	0.81	1	0	0	0	1
108.6	109.4	0.99	0	0	0	0	0
111.6	103.4	1.08	0	1	0	1	0
79.9	127.1	0.63	1	0	0	1	1
95.6	113.8	0.84	0	0	0	0	0
87.4	113.3	0.77	0	2	0	1	0
74.2	107.9	0.69	0	1	0	0	0
102.3	99.5	1.03	1	1	0	1	1
66.8	92.2	0.72	1	2	0	0	1
115.9	120.3	0.96	0	1	0	1	0
101.4	94.6	1.07	0	1	0	1	0
72	90.1	0.8	0	1	0	0	0
114.3	106.7	1.07	0	1	0	1	0
95.1	117.3	0.81	1	1	0	1	1
90.9	108.5	0.84	0	0	0	1	0
70.3	92.3	0.76	1	0	0	1	1
88.4	105.6	0.84	0	0	0	0	0
60.2	106.4	0.57	0	1	0	0	0
122.7	105.1	1.17	1	0	0	0	1
83.5	81.7	1.02	0	0	0	1	0
106.3	98.1	1.08	1	0	0	0	1
94.9	121	0.78	0	1	0	0	0
89.4	92.2	0.97	0	0	0	0	0
68.6	86	0.8	0	0	0	0	0
82.1	93.6	0.88	0	0	0	0	0
121.9	104.6	1.17	1	0	0	0	1
96.8	99.1	0.98	0	0	0	1	0
93.4	84.8	1.1	1	1	0	0	1
128.5	130.9	0.98	1	0	0	1	1
109.4	108.2	1.01	0	0	0	1	0



88.9	116.3	0.76	0	0	0	1	0
111.2	110.2	1.01	1	0	0	0	1
97.7	99.7	0.98	0	0	0	0	0
113.4	108.6	1.04	0	0	0	1	0
112.6	107.6	1.05	0	0	0	1	0
103.4	96.2	1.07	0	0	0	0	0
122	91	1.34	1	2	0	1	1
94.9	120.6	0.79	0	0	0	0	0
112.2	103.4	1.09	1	2	0	1	1
102	105.5	0.97	0	0	0	1	0
90.6	96.8	0.94	0	0	0	0	0
81.4	102.2	0.8	1	1	0	0	1
59.1	77.1	0.77	0	0	0	0	0
92.8	110.1	0.84	0	0	0	1	0
82.8	110.6	0.75	1	0	0	1	1
87.1	100.7	0.86	1	0	0	1	1
78	86.6	0.9	1	1	0	1	1
66.1	81.8	0.81	0	2	0	1	0
98.8	94.9	1.04	0	0	0	0	0
113.9	91.2	1.25	1	0	0	0	1
84.7	108.2	0.78	0	2	0	0	0
101.5	95	1.07	0	0	0	1	0
55.1	110	0.5	0	0	0	0	0
111.3	99.7	1.12	1	2	0	0	1
61.4	99.8	0.62	0	1	0	1	0
87.8	99.6	0.88	1	0	0	0	1
66.5	88.8	0.75	0	0	0	0	0
100.7	120	0.84	1	0	0	1	1
87.3	102.8	0.85	1	0	0	0	1
93.2	110.4	0.84	1	0	0	0	1
108.4	120.9	0.9	0	0	0	0	0
110.7	90.1	1.23	0	0	0	1	1
70	100	0.7	1	0	0	1	1
87.8	100.5	0.87	1	2	0	0	1
121.3	101.7	1.19	1	1	0	0	1
101.7	103.4	0.98	0	2	0	0	0
104.2	102.4	1.02	0	1	0	0	0
64.1	102.7	0.62	0	0	0	0	0
103.4	100.6	1.03	0	1	0	1	0
78.8	101.1	0.78	1	0	0	0	1
107.7	114.7	0.94	0	0	0	1	0
96.8	104.7	0.92	1	0	0	0	1
98.5	101.7	0.97	1	1	0	0	1
113.1	101.7	1.11	1	0	0	0	1
114.9	106.3	1.08	0	1	0	0	1
98.1	99.8	0.98	1	0	0	0	1
98.2	116.1	0.85	0	0	0	1	0
94.5	112	0.84	0	1	0	1	0
87.8	106.7	0.82	0	1	0	1	0
117.6	107.3	1.1	0	1	0	1	1

77.5	102.5	0.76	0	0	0	1	0
104.4	114.7	0.91	1	0	0	1	1
98.7	121.4	0.81	0	0	0	0	0
112.3	114.5	0.98	0	1	0	0	0
83.6	119.8	0.7	1	0	0	1	1
100.1	100.1	1	0	2	0	0	0
90.8	98	0.93	0	0	0	0	0
109.6	88.9	1.23	0	1	0	0	0
108.8	113.8	0.96	0	1	0	0	0
65.2	108.3	0.6	0	0	0	1	0
73.1	106	0.69	0	0	0	0	0
96.6	99.3	0.97	0	0	0	0	0
112.5	111.2	1.01	0	1	0	0	0
98.4	118.9	0.83	0	0	0	1	1
75.1	100.8	0.75	1	0	0	1	1
123.8	105.8	1.17	0	1	0	1	0
99.4	97.8	1.02	0	0	0	1	0
103.9	91.7	1.13	0	0	0	0	0
92.2	121.9	0.76	1	0	0	1	1
78.7	93.5	0.84	0	0	0	0	0
74.7	101.5	0.74	0	2	0	1	0
96.1	105.2	0.91	1	0	0	1	1
110	94.5	1.16	0	1	0	0	0
108.1	121.2	0.89	1	0	0	1	1
101.5	128.3	0.79	1	0	0	0	1
85.9	107.4	0.8	0	0	0	0	0
99.5	101	0.99	1	1	0	1	1
63.9	87.8	0.73	1	2	0	0	1
95.7	93.3	1.03	0	0	0	1	1
92.5	98.2	0.94	0	0	0	0	0
92.7	126.6	0.73	0	0	0	1	0
95.5	104.9	0.91	1	0	0	0	1
86.2	88.2	0.98	1	0	0	0	1
120.8	117.5	1.03	0	1	0	1	0
96.2	109.5	0.88	1	1	0	0	1
104	105.4	0.99	0	0	0	0	0
104.8	122.5	0.86	0	0	0	0	0
89.7	127.5	0.7	1	0	0	1	1
92.5	105.5	0.88	1	0	0	1	1
72.2	97.9	0.74	0	1	0	0	0
78	96.7	0.81	0	1	0	1	0
91.3	80.9	1.13	1	1	0	0	1
108.3	88	1.23	1	0	0	0	1
86.1	83.7	1.03	0	0	0	0	0
98.4	87.7	1.12	0	0	0	1	0
87.7	87.4	1	0	0	0	0	0
89.1	87.5	1.02	1	0	0	1	1
112	125.2	0.89	0	0	0	0	0
85.6	114.6	0.75	0	1	0	1	0
90.8	102.2	0.89	1	0	0	0	1

58.3	88.3	0.66	1	0	0	0	1
106.9	105.8	1.01	1	1	0	0	1
109.7	105.4	1.04	0	1	0	0	0
98.3	121.6	0.81	0	2	0	0	0
78.4	89.9	0.87	0	0	0	1	0
109.7	103.9	1.06	0	0	0	1	1
64.1	88.8	0.72	1	1	0	0	1
97.2	109.6	0.89	0	1	0	1	0
110.1	99.4	1.11	0	0	0	1	0
86.6	84.3	1.03	1	1	0	0	1
123.6	111.9	1.1	0	0	0	0	0
94.6	109.6	0.86	1	0	0	0	1
73	103	0.71	1	0	0	0	1
88	108	0.81	1	0	0	1	1
86.2	82.5	1.04	0	0	0	0	0
88	111.5	0.79	0	1	0	0	0
52.5	75.2	0.7	1	0	0	0	1
80.4	90.4	0.89	1	1	0	0	1
89.1	107.7	0.83	0	0	0	1	0
104	101.5	1.02	1	0	0	0	1
117.9	104.2	1.13	0	0	0	0	0
73.2	88.9	0.82	1	1	0	1	1
96.3	109.2	0.88	0	0	0	0	0
73.9	94	0.79	0	1	0	1	0
109.8	107.4	1.02	1	0	0	0	1
101.9	114.7	0.89	0	0	0	1	0
101.5	110.9	0.92	1	0	0	0	1
86.2	95.2	0.91	0	0	0	0	0
109.5	93.1	1.18	0	0	0	0	0
91.7	116.1	0.79	0	0	0	1	1
76.6	120.3	0.64	0	0	0	1	0
96.2	101.9	0.94	0	1	0	0	0
106.7	118	0.9	0	1	0	0	0
97.7	105.4	0.93	0	1	0	0	0
82.3	87.4	0.94	0	1	0	0	0
92.2	125.7	0.73	0	0	0	1	0
116.7	105.2	1.11	0	0	0	0	0
72.8	109.6	0.66	1	0	0	1	1
111.5	98.2	1.14	1	0	0	0	1
88.7	116.6	0.76	0	2	0	0	0
117.9	134.7	0.88	1	0	0	0	1
99.9	89	1.12	0	0	0	1	0
110.9	103.8	1.07	0	1	0	0	0
69.6	114.6	0.61	0	0	0	1	0
72.6	106.2	0.68	0	1	0	1	0
120	112	1.07	0	0	0	0	0
98.8	99.9	0.99	0	0	0	1	0
95.1	82	1.16	0	0	0	0	0
81.4	105.9	0.77	1	0	0	0	1
74.8	92.5	0.81	0	1	0	0	0

125.5	118.4	1.06	0	2	0	0	0
91.1	97.5	0.93	1	0	0	1	1
102.5	110.1	0.93	0	0	0	0	0
96.8	83.9	1.15	0	0	0	1	0
108.4	115.5	0.94	0	1	0	1	0
104.5	114.2	0.92	1	1	0	0	1
109.1	111	0.98	1	0	0	0	1
124.1	110.2	1.13	0	0	0	1	0
86.4	108.1	0.8	1	0	0	1	1
97.4	89.8	1.08	0	0	0	1	0
75.2	85.3	0.88	0	0	0	1	0
101.3	133.6	0.76	1	0	0	0	1
97.9	110.8	0.88	1	0	0	0	1
93.2	94.4	0.99	0	1	0	1	1
125.6	121.7	1.03	1	0	0	1	1
103.4	108	0.96	0	0	0	0	0
96.5	96.4	1	0	0	0	1	0
85.4	98	0.87	0	0	0	0	0
88.8	111.9	0.79	1	0	0	0	1
99.6	89.6	1.11	0	2	0	1	0
103.3	112.5	0.92	0	0	0	0	0
104.6	96.3	1.09	0	0	0	0	0
133.2	112.6	1.18	0	0	0	1	1
102	106.3	0.96	1	0	0	0	1
110.4	108.5	1.02	0	0	0	0	0
100.5	110.3	0.91	1	1	0	0	1
64.6	96.1	0.67	1	0	0	0	1
74.5	88.5	0.84	0	0	0	1	0
66.1	96.2	0.69	1	1	0	0	1
102.8	110.8	0.93	0	0	0	0	0
91.7	64.8	1.42	0	0	0	0	0
102.4	76.5	1.34	1	1	0	1	1
57.8	84.7	0.68	0	0	0	1	0
83.1	107.6	0.77	0	2	0	1	0
76	99.6	0.76	0	0	0	1	0
78.3	86.9	0.9	0	0	0	1	0
118.2	117.4	1.01	0	0	0	1	0
108.7	112.6	0.97	0	1	0	1	0
105.8	115.4	0.92	0	1	0	1	0
70.4	85.9	0.82	0	2	0	0	0
106.2	111	0.96	0	0	0	1	0
72.7	95.6	0.76	0	1	0	0	0
92.8	105.2	0.88	0	0	0	1	0
123.7	119.8	1.03	0	1	0	0	0
78.6	105.1	0.75	0	0	0	0	0
118.1	108.1	1.09	1	1	0	0	1
94.6	115.9	0.82	0	1	0	0	0
96.4	110.7	0.87	0	1	0	1	0
66.7	92	0.72	0	0	0	0	0
95.4	94.3	1.01	0	0	0	1	0

83.5	94.8	0.88	0	0	0	0	0
104	120.9	0.86	0	1	0	1	0
107.2	104.6	1.02	0	2	0	0	0
90.8	85.6	1.06	0	0	0	1	0
72.8	91.1	0.8	1	0	0	0	1
101.5	89.4	1.14	1	0	0	1	1
129.9	112.7	1.15	0	0	0	0	1
84.2	122.1	0.69	0	1	0	1	0
88.6	113.7	0.78	0	0	0	0	0
116.3	114.1	1.02	1	2	0	1	1
116.4	100.8	1.15	0	1	0	1	0
77	105.1	0.73	0	0	0	0	0
97.1	99.6	0.97	0	0	0	1	0
111.6	135.5	0.82	1	1	0	0	1
101.4	82.4	1.23	0	1	0	0	0
73.7	99.9	0.74	1	0	0	1	1
113.1	113.4	1	1	0	0	1	1
85.9	100.3	0.86	0	0	0	1	0
57.6	93.4	0.62	1	0	0	1	1
87.7	105.9	0.83	0	1	0	0	0
112.1	99.2	1.13	1	0	0	1	1
85.6	96.7	0.89	0	1	0	0	0
110.6	89.4	1.24	1	0	0	0	1
86.3	88.5	0.98	1	0	0	0	1
103.4	110.7	0.93	0	0	0	0	0
79	100.9	0.78	0	0	0	0	0
99.4	98	1.01	0	1	0	0	0
115.1	110.9	1.04	1	0	0	1	1
76.4	99.3	0.77	0	0	0	1	0
67.5	96.6	0.7	0	0	0	0	0
92.7	89.6	1.03	1	0	0	1	1
93.7	122	0.77	0	0	0	0	0
73.6	94.8	0.78	0	1	0	1	0
108.5	119.9	0.9	0	0	0	0	0
98	116.4	0.84	0	0	0	1	0
74.7	77.4	0.97	1	1	0	1	1
96.1	98	0.98	0	1	0	0	0
99.6	112.7	0.88	0	0	0	0	0
163	139	1.17	1	1	0	1	1
97	87.8	1.1	0	1	0	0	0
88.8	93.9	0.95	0	0	0	0	0
86.8	93.3	0.93	1	1	0	0	1
84.1	91.8	0.92	1	0	0	1	1
94.7	93.3	1.02	1	1	0	1	1
86.4	89.9	0.96	1	0	0	1	1
78.1	104.6	0.75	1	2	0	0	1
113.1	117.9	0.96	0	1	0	0	0
105.5	101.5	1.04	1	1	0	1	1
111.1	112.3	0.99	0	0	0	0	0
79.3	94.4	0.84	1	0	0	0	1

103	94.1	1.09	0	0	0	1	0
85.4	90.3	0.95	0	2	0	1	0
91.8	96.4	0.95	0	2	0	0	0
69.1	93.9	0.74	0	0	0	0	0
73.4	82.4	0.89	0	0	0	0	0
60.4	82.1	0.74	1	0	0	0	1
74.3	93.8	0.79	0	0	0	0	0
113.4	94.3	1.2	0	0	0	0	0
95.6	107.6	0.89	0	0	0	1	0
90.2	101.2	0.89	1	1	0	0	1
134.7	105.7	1.27	1	0	0	0	1
82.9	106.5	0.78	1	0	0	0	1
91.8	109	0.84	0	0	0	0	0
107.4	94.9	1.13	0	1	0	1	0
90	112	0.8	0	0	0	0	0
84.4	100	0.84	1	0	0	0	1
108.4	96.7	1.12	0	0	0	1	0
81.3	90.6	0.9	0	0	0	1	0
95.2	83.8	1.14	0	2	0	0	0
100.6	120	0.84	0	0	0	1	0
73.9	103.5	0.71	1	1	0	1	1
102	95.4	1.07	0	0	0	0	0
85.2	94.3	0.9	0	0	0	0	0
82.1	83.7	0.98	0	0	0	1	0
88.4	87.2	1.01	0	0	0	0	0
99.5	99.5	1	0	0	0	0	0
108.4	109	0.99	0	1	0	0	0
93.3	97.9	0.95	0	0	0	1	0
90.1	83.1	1.08	1	0	0	0	1
89.9	114.5	0.79	0	1	0	1	0
65.6	86.2	0.76	0	1	0	0	0
76.3	99.5	0.77	1	0	0	0	1
78.2	97.7	0.8	1	1	0	1	1
108.8	94.8	1.15	0	1	0	0	0
120.2	132.2	0.91	0	0	0	0	1
92.8	101.2	0.92	0	0	0	1	0
62.4	85.8	0.73	0	0	0	1	0
83.6	84	1	0	0	0	0	0
71.7	92.5	0.78	1	0	0	0	1
87.7	84.1	1.04	0	0	0	0	0
101.4	101.4	1	0	0	0	0	0
88.7	110.1	0.81	0	0	0	0	0
77.5	84.7	0.91	0	2	0	1	0
103.2	107.8	0.96	0	0	0	1	0
92.7	101.5	0.91	0	1	0	0	0
102.6	110	0.93	0	0	0	1	0
105.4	95.2	1.11	1	1	0	0	1
113	104.5	1.08	0	1	0	0	0
100.1	110	0.91	0	2	0	0	0
83.3	95.4	0.87	1	0	0	0	1

80.7	95.3	0.85	0	0	0	0	0
65.5	108.4	0.6	0	2	0	0	0
108.9	109.9	0.99	0	0	0	1	1
73.4	106.8	0.69	0	0	0	1	0
112.4	117.1	0.96	0	1	0	1	0
74.8	107.6	0.7	1	1	0	0	1
103.5	101.6	1.02	1	1	0	0	1
119.5	105.8	1.13	0	0	0	1	0
108.4	123.3	0.88	0	0	0	1	0
76.1	87.6	0.87	0	0	0	0	0
84.2	101.9	0.83	0	0	0	0	1
82.3	120.9	0.68	0	0	0	1	0
73.9	74.3	0.99	1	0	0	1	1
88.7	103.1	0.86	1	0	0	1	1
132	98.8	1.34	0	1	0	0	0
84.2	106.9	0.79	0	2	0	0	0
101.4	99.7	1.02	1	1	0	1	1
102.8	92.2	1.11	0	0	0	1	0
71.6	106.2	0.67	0	0	0	1	0
94	92.3	1.02	0	1	0	0	0
101.9	99.4	1.03	0	0	0	0	0
105.4	97.6	1.08	0	0	0	1	1
74.6	74.5	1	1	0	0	1	1
125.3	103.9	1.21	0	1	0	1	0
63.6	65.9	0.97	0	0	0	0	0
94.8	85.1	1.11	0	1	0	0	0
74.6	89.6	0.83	0	0	0	0	0
92.1	101	0.91	0	0	0	1	0
104.2	92.1	1.13	0	0	0	0	0
110	101.7	1.08	0	0	0	1	0
110.2	112.4	0.98	0	1	0	1	0
91.2	105.7	0.86	0	1	0	1	0
92.6	111.6	0.83	1	1	0	0	1
64.1	94.4	0.68	0	0	0	0	0
83	112.4	0.74	0	1	0	1	0
91.3	111	0.82	0	0	0	1	0
74.2	79.3	0.94	0	0	0	1	0
106.7	122.4	0.87	0	0	0	0	0
94	119.3	0.79	0	0	0	1	0
108.1	103.9	1.04	0	1	0	1	1
114.1	107.8	1.06	0	0	0	1	0
104.9	104	1.01	0	0	0	0	0
76.8	109.4	0.7	0	0	0	0	0
100.8	116	0.87	0	1	0	1	0
96.3	88.1	1.09	1	0	0	1	1
60.8	103.3	0.59	1	0	0	1	1
109	110.6	0.99	0	0	0	0	0
110.1	122.5	0.9	1	0	0	0	1
123.9	123	1.01	0	0	0	0	0
105.7	104	1.02	0	1	0	0	0

91.9	109.4	0.84	1	1	0	1	1
110	113.4	0.97	1	0	0	1	1
84.9	94.1	0.9	0	0	0	1	0
99	101.7	0.97	0	0	0	0	0
52.1	83.9	0.62	0	0	0	0	0
112.7	107.7	1.05	0	0	0	1	0
72.2	119.7	0.6	1	0	0	0	1
79.4	96.7	0.82	0	0	0	0	0
90.5	99.3	0.91	0	1	0	0	0
83.3	102.3	0.81	1	0	0	1	1
89.6	110.7	0.81	1	0	0	0	1
104.6	110.7	0.94	0	1	0	0	0
117.1	130.2	0.9	1	1	0	0	1
91.6	107.1	0.86	0	1	0	0	0
90.5	97.8	0.93	1	0	0	1	1
99.7	114.6	0.87	0	0	0	0	0
88.8	69.5	1.28	1	1	0	0	1
80.8	92.4	0.87	0	0	0	1	0
107	107.1	1	1	0	0	0	1
108.8	110	0.99	0	0	0	0	0
82.6	101.1	0.82	0	0	0	0	0
87	99.1	0.88	0	0	0	0	0
104	103.2	1.01	1	0	0	0	1
81.6	102.8	0.79	0	0	0	0	0
111.8	126.8	0.88	0	1	0	0	0
73.8	114.1	0.65	1	0	0	1	1
69.1	109.6	0.63	0	1	0	1	0
125.7	141.9	0.89	0	1	0	1	1
100	93.7	1.07	0	0	0	1	0
137.8	123.4	1.12	0	2	0	0	0
78.1	73.8	1.06	0	0	0	1	0
98.8	95.4	1.04	1	0	0	1	1
114	118.3	0.96	1	2	0	0	1
106.6	103	1.03	0	0	0	1	1
82.7	110.7	0.75	0	0	0	0	0
95.6	110.9	0.86	0	0	0	1	1
90	120.5	0.75	0	1	0	0	0
87	90.1	0.97	0	1	0	0	0
92.1	97.4	0.95	0	2	0	1	0
65.1	100	0.65	0	0	0	1	0
91.4	101.3	0.9	0	2	0	0	0
116.8	102.6	1.14	0	0	0	0	0
81.2	85	0.96	0	1	0	0	0
91.2	117.3	0.78	0	0	0	0	0
92.5	92.6	1	0	0	0	1	0
111	102.2	1.09	1	1	0	1	1
96.9	112.2	0.86	0	1	0	0	0
100.8	92.1	1.09	0	1	0	0	0
115.4	121.7	0.95	1	0	0	1	1
96	100.9	0.95	0	0	0	1	0



71.5	95.5	0.75	0	1	0	0	0
113	107.3	1.05	0	0	0	0	0
97.5	117.6	0.83	0	0	0	0	0
102.4	103.7	0.99	0	2	0	1	0
93.6	118	0.79	0	0	0	1	0
67.7	80.2	0.84	1	1	0	0	1
60.7	99.6	0.61	0	0	0	1	0
108	98.5	1.1	1	0	0	0	1
77.3	107.3	0.72	0	0	0	0	0
94.7	117.5	0.81	1	0	0	1	1
105.3	109.1	0.97	0	0	0	1	0
95.9	118.9	0.81	1	0	0	1	1
95.4	119.3	0.8	0	0	0	1	0
105.7	88	1.2	0	1	0	1	0
96.2	117.4	0.82	0	0	0	0	0
107.2	120.5	0.89	1	1	0	1	1
114.5	126.7	0.9	0	0	0	1	0
96.8	102.1	0.95	1	0	0	0	1
58.7	89.9	0.65	0	0	0	0	0
69.2	81.8	0.85	1	2	0	1	1
106.4	110.8	0.96	1	0	0	0	1
105.8	113.6	0.93	0	0	0	1	0
104.5	107.9	0.97	0	2	0	1	0
110.5	104.7	1.06	0	0	0	0	0
77.7	102.9	0.76	0	1	0	1	0
71.5	84.4	0.85	0	0	0	1	0
106.1	111.3	0.95	1	1	0	1	1
131.1	100.7	1.3	0	0	0	0	0
88.9	95.9	0.93	0	0	0	0	0
82.6	81.9	1.01	0	1	0	1	0
85.7	104.1	0.82	1	0	0	0	1
74.7	85.2	0.88	0	2	0	1	0
85.6	88.7	0.97	0	0	0	0	0
97.2	96.4	1.01	1	0	0	0	1
94	124.6	0.75	0	0	0	0	0
115.1	109.1	1.05	0	1	0	0	0
93.6	104.6	0.89	0	0	0	0	0
89	107.7	0.83	0	0	0	1	0
102.3	107.3	0.95	0	0	0	0	0
71.8	98.2	0.73	0	1	0	0	0
89	91.3	0.97	1	0	0	1	1
85.2	106.3	0.8	0	0	0	0	0
83.5	111.1	0.75	1	0	0	0	1
101.2	120.5	0.84	1	0	0	0	1
106.6	93.3	1.14	0	0	0	1	0
88.1	101.9	0.86	1	2	0	1	1
89.9	100	0.9	0	1	0	0	0
121.7	108.4	1.12	1	2	0	0	1
136.2	111.7	1.22	0	0	0	0	0
114.7	113.1	1.01	0	0	0	1	0

94	88.8	1.06	0	0	0	0	0
101.7	111	0.92	0	1	0	0	0
103.5	116.7	0.89	1	2	0	1	1
86.1	99.3	0.87	0	1	0	0	0
107.8	110.6	0.97	1	0	0	0	1
93	100.9	0.92	0	0	0	0	0
103.9	115.2	0.9	0	1	0	0	0
115.6	109.6	1.05	0	0	0	0	0
89	116.9	0.76	1	1	0	1	1
112.6	109.8	1.03	1	1	0	0	1
95.9	110.3	0.87	1	0	0	0	1
110.3	114.9	0.96	0	0	0	1	0
84.7	104.1	0.81	0	0	0	0	0
93.8	86.2	1.09	1	1	0	0	1
95.4	115.8	0.82	0	2	0	0	0
106.7	108.1	0.99	0	0	0	1	0
104.4	119.2	0.88	1	1	0	0	1
75.2	94	0.8	0	0	0	1	0
126.1	110.1	1.15	0	0	0	0	1
95.6	96.9	0.99	0	0	0	0	0
86.4	94.5	0.91	1	0	0	0	1
88.6	115.4	0.77	1	0	0	0	1
74.9	101.3	0.74	0	0	0	0	0
68.1	103.5	0.66	1	0	0	0	1
120.2	103.9	1.16	0	0	0	1	0
106	97.7	1.08	0	0	0	0	0
111.4	115.8	0.96	0	0	0	1	0
114.5	125.2	0.91	1	1	0	0	1
99.2	131.1	0.76	0	0	0	1	0
73.7	71.2	1.04	0	0	0	0	0
95.3	99.7	0.96	0	0	0	1	0
107.2	118.2	0.91	0	0	0	1	0
114.5	106.2	1.08	0	0	0	0	0
95.9	116.8	0.82	0	1	0	0	0
101.8	106.2	0.96	0	1	0	0	0
107.9	113.4	0.95	0	1	0	1	0
109.6	124.8	0.88	1	0	0	0	1
63.9	89	0.72	1	0	0	0	1
99.3	118.1	0.84	0	0	0	1	1
113	116.2	0.97	0	0	0	0	0
81.8	96	0.85	1	0	0	0	1
84.5	86.5	0.98	0	0	0	1	0
97.8	98.2	1	1	0	0	0	1
107	107.4	1	1	1	0	0	1
101.2	133	0.76	1	0	0	1	1
100	101.8	0.98	0	0	0	0	0
93.8	106.7	0.88	0	0	0	1	0
97.2	114.9	0.85	0	1	0	0	0
80.2	76	1.06	0	0	0	1	0
130	123.2	1.06	0	1	0	0	0

81.3	85.5	0.95	0	1	0	1	0
123.5	110.3	1.12	0	1	0	0	0
111.6	93	1.2	0	1	0	0	0
72.5	91.7	0.79	0	0	0	0	0
89.1	91.1	0.98	0	0	0	1	0
98.9	97.8	1.01	1	2	0	1	1
63	74.1	0.85	0	0	0	1	0
87	110.2	0.79	0	1	0	1	1
63.2	98.8	0.64	1	1	0	0	1
104	120.4	0.86	0	2	0	1	0
73.4	78.9	0.93	0	0	0	1	0
114.1	101.3	1.13	0	2	0	0	0
60.4	94.7	0.64	0	1	0	0	0
48.2	81.9	0.59	1	0	0	0	1
98.7	105.1	0.94	0	0	0	0	0
95.4	110.3	0.86	0	0	0	0	0
94.3	107.8	0.87	0	1	0	0	0
109.5	94.9	1.15	0	1	0	0	0
82	115.1	0.71	0	1	0	1	0
82.8	115.5	0.72	0	1	0	1	0
77.2	89.9	0.86	0	0	0	0	0
101.5	103.4	0.98	0	0	0	0	0
96.6	100.1	0.97	0	0	0	0	0
72.7	85.3	0.85	0	1	0	0	0
93.1	104.3	0.89	0	0	0	0	0
107.6	99.6	1.08	0	1	0	0	0
87.8	111.1	0.79	0	1	0	1	1
83.2	108.2	0.77	0	0	0	0	0
91.9	107.5	0.85	1	1	0	1	1
71.6	87.4	0.82	1	1	0	0	1
68.9	74.8	0.92	0	2	0	1	0
70	97.5	0.72	0	0	0	1	0
111.7	118.2	0.95	0	2	0	1	0
102.3	114.3	0.9	0	1	0	1	0
102.6	118	0.87	0	0	0	0	0
77.7	80.4	0.97	0	0	0	0	0
112.7	90.1	1.25	0	0	0	0	0
79	88.4	0.89	1	0	0	1	1
102.9	90.4	1.14	1	0	0	1	1
86.9	101.1	0.86	0	1	0	0	0
97.2	72.9	1.33	1	0	0	1	1
60.4	81.6	0.74	0	0	0	0	0
101.2	104.8	0.97	0	0	0	0	0
76	108.7	0.7	0	1	0	1	0
64.7	103	0.63	0	0	0	0	0
75.9	103.5	0.73	1	1	0	0	1
111.9	123.3	0.91	1	0	0	0	1
107.7	132.4	0.81	0	2	0	0	0
77.5	83.1	0.93	0	2	0	1	0
103.9	107.1	0.97	0	2	0	1	0

112	99.8	1.12	0	0	0	0	0
89	100.3	0.89	1	0	0	0	1
83.6	104.6	0.8	0	0	0	0	0
104.5	101	1.03	0	1	0	0	0
100.5	119.2	0.84	0	1	0	1	0
83.9	105.6	0.79	0	0	0	0	0
100.6	108.3	0.93	1	1	0	0	1
89.3	112.7	0.79	0	1	0	0	0
89.8	106.8	0.84	1	0	0	1	1
70.3	87.4	0.8	1	0	0	0	1
63.3	75.2	0.84	0	2	0	1	0
77.1	108.1	0.71	0	0	0	1	0
81.3	102.8	0.79	0	0	0	0	0
79.7	79	1.01	0	1	0	0	0
76	119.7	0.63	0	1	0	0	0
91.1	108.7	0.84	1	0	0	0	1
91.5	124.4	0.74	1	2	0	0	1
101.8	104.4	0.98	1	0	0	1	1
99.6	111.8	0.89	0	0	0	1	0
97.3	91.7	1.06	0	1	0	0	0
88.6	93.5	0.95	0	0	0	1	0
80.9	100.1	0.81	1	0	0	0	1
71	78.6	0.9	0	0	0	0	0
105.7	102.3	1.03	0	2	0	1	0
88.4	99.7	0.89	0	0	0	0	0
102.7	86	1.19	1	0	0	1	1
102.5	114	0.9	0	1	0	1	0
84.2	88.8	0.95	1	0	0	1	1
94.6	106.4	0.89	0	1	0	1	0
104.9	129.9	0.81	0	0	0	0	0
80.9	101	0.8	1	0	0	1	1
72.8	80.5	0.9	1	0	0	0	1
73.4	88.2	0.83	0	2	0	1	0
103.5	101.7	1.02	1	0	0	0	1
125.9	112.8	1.12	0	0	0	0	0
126.4	114.6	1.1	1	0	0	1	1
102.8	106.2	0.97	1	1	0	0	1
98.8	103.6	0.95	1	1	0	0	1
91.3	93.3	0.98	0	1	0	0	0
124.1	111.4	1.11	0	0	0	1	0
110.6	99.5	1.11	1	1	0	1	1
84.9	86.9	0.98	0	0	0	1	0
94.3	110.2	0.86	1	0	0	1	1
108.7	115.6	0.94	0	0	0	0	0
93.5	82.3	1.14	0	0	0	1	0
94.6	126.1	0.75	0	0	0	0	0
100.2	121.2	0.83	0	0	0	0	0
105.7	102	1.04	1	0	0	1	1
91.8	88.1	1.04	0	0	0	1	0
111.6	124	0.9	0	1	0	0	0

97.3	100.1	0.97	0	1	0	0	0
73.5	84.1	0.87	0	2	0	0	0
73.2	84.9	0.86	1	0	0	0	1
69.5	76.4	0.91	1	0	0	1	1
104.8	123.3	0.85	0	1	0	1	1
74.8	90.8	0.82	0	1	0	0	0
120.5	119.1	1.01	0	0	0	0	0
85.3	91.7	0.93	0	1	0	0	0
98.3	106.3	0.92	0	0	0	1	0
106.6	95.4	1.12	0	0	0	0	0
85.2	90.1	0.95	0	0	0	0	0
107.1	108.5	0.99	1	1	0	0	1
84.3	101	0.83	0	0	0	0	0
90.7	103.3	0.88	1	1	0	1	1
115	108.9	1.06	0	0	0	1	0
118	104.3	1.13	1	0	0	0	1
69.2	90.5	0.76	0	0	0	0	0
125.4	123.3	1.02	0	0	0	0	0
80.9	99.5	0.81	0	1	0	0	0
99.2	84.3	1.18	1	0	0	0	1
89.7	103.6	0.87	1	1	0	0	1
75.1	81.8	0.92	0	2	0	0	0
78.8	82.9	0.95	0	0	0	0	0
92.7	130.8	0.71	0	1	0	0	0
93.3	99.4	0.94	0	1	0	1	0
83.7	94.9	0.88	0	0	0	1	0
108.9	110.8	0.98	0	1	0	0	0
92.2	96.3	0.96	1	0	0	0	1
100.7	135.1	0.75	0	0	0	1	0
86.9	101.5	0.86	1	0	0	0	1
129.7	131.3	0.99	0	1	0	0	0
131	101	1.3	0	0	0	1	1
92.7	99.6	0.93	0	1	0	0	0
95.6	95.4	1	0	0	0	1	0
75.7	101	0.75	0	0	0	0	0
93.6	114.6	0.82	1	0	0	0	1
85.8	87.3	0.98	0	0	0	0	0
119.4	98.4	1.21	0	0	0	0	0
71.2	84.2	0.85	1	0	0	0	1
127.6	137.3	0.93	0	2	0	0	0
88.9	95.6	0.93	0	0	0	0	0
82.8	92.1	0.9	0	1	0	0	0
100.6	108.9	0.92	0	0	0	0	0
97.5	88.6	1.1	0	0	0	0	0
94.1	115.6	0.81	1	0	0	0	1
87.3	108.1	0.81	0	2	0	1	0
97.3	99.1	0.98	0	0	0	1	1
105.5	103.6	1.02	0	1	0	1	0
123.9	103.3	1.2	0	0	0	0	0
96.6	105.9	0.91	0	0	0	0	0

98.8	111.9	0.88	1	2	0	1	1
80.4	99.9	0.8	1	1	0	1	1
77.3	106.7	0.72	0	0	0	1	0
103.3	96.2	1.07	0	0	0	1	0
74.7	103	0.73	1	0	0	0	1
113.1	113.4	1	1	0	0	0	1
99.3	97	1.02	1	0	0	0	1
80.2	83.5	0.96	0	1	0	1	0
99.7	91.3	1.09	0	2	0	1	0
102.4	106.4	0.96	0	0	0	1	0
83.9	94.3	0.89	0	0	0	1	0
113.3	105.7	1.07	0	1	0	1	0
84.3	98.9	0.85	0	0	0	0	0
124.3	126.3	0.98	0	0	0	0	0
82.4	72.5	1.14	1	1	0	0	1
73.6	124.6	0.59	0	1	0	0	0
98.2	94.9	1.03	0	0	0	0	0
96.2	109.9	0.88	0	2	0	1	0
85.6	109.1	0.78	0	1	0	0	0
88.8	120	0.74	0	1	0	0	0
62.7	75.1	0.83	1	0	0	1	1
85.1	102.3	0.83	0	0	0	1	0
94.4	99.3	0.95	1	0	0	1	1
90.3	97.6	0.93	0	2	0	1	0
107.2	113.6	0.94	0	1	0	1	0
76.8	85.1	0.9	0	0	0	0	0
109.7	86.1	1.27	0	0	0	1	0
92.5	110.2	0.84	0	0	0	1	0
78.6	115.1	0.68	0	0	0	0	0
93.3	96.8	0.96	0	0	0	0	0
84.5	115.8	0.73	0	2	0	1	0
122.8	118.9	1.03	0	0	0	1	0
109.8	103.6	1.06	0	1	0	0	0
88.7	80.3	1.1	0	0	0	0	0
123.9	95.9	1.29	1	0	0	1	1
62	74.4	0.83	1	0	0	0	1
103.9	107.7	0.96	0	0	0	0	0
82.5	89.4	0.92	0	2	0	1	0
105.5	102.4	1.03	0	0	0	1	0
92.4	102.9	0.9	0	0	0	1	0
77	96.2	0.8	0	0	0	0	0
73.6	107.3	0.69	0	2	0	1	0
84	103.3	0.81	0	0	0	0	0
103.1	102.3	1.01	0	0	0	1	0
105.2	109.2	0.96	0	1	0	0	0
122.1	129.7	0.94	0	0	0	1	0
63.2	103.6	0.61	1	0	0	1	1
108.1	100.4	1.08	1	1	0	0	1
115.8	99.3	1.17	0	0	0	1	1
92.1	114.2	0.81	0	1	0	0	0

96.4	107.2	0.9	1	0	0	0	1
118.9	113.8	1.04	0	1	0	0	0
101.9	103.1	0.99	0	0	0	0	0
96.2	112.6	0.85	0	0	0	0	0
70.6	100.2	0.7	1	0	0	0	1
90.3	98.1	0.92	1	0	0	1	1
104.8	105.1	1	1	1	0	1	1
111.1	115.7	0.96	0	0	0	1	0
105.2	91.7	1.15	1	1	0	0	1
129	110	1.17	1	2	0	1	1
73.5	87.4	0.84	0	1	0	0	0
90.6	101.1	0.9	1	1	0	1	1
122.9	124.4	0.99	0	0	0	1	1
89.5	122.8	0.73	1	1	0	0	1
95.7	103.9	0.92	1	0	0	0	1
111.2	104	1.07	0	0	0	1	1
83.7	86.1	0.97	1	1	0	1	1
68.4	88.9	0.77	0	0	0	1	0
109.5	108.7	1.01	0	0	0	0	0
117.8	138.2	0.85	0	1	0	1	0
68	75.4	0.9	0	1	0	0	0
79.5	114.8	0.69	0	0	0	0	0
95	111.6	0.85	0	1	0	1	0
93.8	119.5	0.78	0	1	0	1	0
82.5	94	0.88	0	0	0	0	0
74.2	68	1.09	0	1	0	1	0
102	88.7	1.15	1	1	0	1	1
108.7	105.1	1.03	0	0	0	1	0
89.6	110.2	0.81	1	0	0	0	1
104	98.1	1.06	1	1	0	0	1
83	101.2	0.82	0	0	0	1	0
84.7	121.1	0.7	0	0	0	0	1
68.6	104.4	0.66	1	1	0	1	1
92.4	103.3	0.89	0	0	0	0	0
99.6	89.4	1.11	0	1	0	0	0
89.8	88.6	1.01	0	0	0	1	0
92.1	105.8	0.87	0	1	0	1	0
104.5	111.8	0.93	0	1	0	0	0
108.7	121.1	0.9	0	2	0	1	0
68.1	96.1	0.71	1	1	0	0	1
76.7	106.5	0.72	1	0	0	0	1
84.2	90.9	0.93	0	0	0	1	0
85.9	100.2	0.86	0	0	0	1	0
60.1	74.6	0.81	0	2	0	1	0
70	90.6	0.77	0	2	0	0	0
85.8	100.8	0.85	0	0	0	1	0
94.9	107.5	0.88	0	0	0	1	0
50.6	73.2	0.69	0	1	0	1	0
100.6	123.5	0.81	0	0	0	0	0
86	88.5	0.97	0	0	0	0	0

84.7	93.5	0.91	0	0	0	1	0
105.5	114.2	0.92	0	0	0	0	0
82.2	94.9	0.87	0	0	0	1	0
80.7	103.8	0.78	0	0	0	0	0
73.8	87.3	0.85	1	0	0	0	1
84.3	79.9	1.06	0	0	0	0	0
83.4	110.6	0.75	1	0	0	0	1
56.1	92.5	0.61	0	1	0	1	0
106.2	89.7	1.18	1	0	0	0	1
81.4	97.6	0.83	0	2	0	0	0
132.8	121.4	1.09	1	0	0	0	1
87.1	101.5	0.86	0	0	0	1	0
80.2	90.8	0.88	0	0	0	0	0
59.9	93.4	0.64	0	0	0	1	0
76.2	78.6	0.97	0	0	0	1	0
139.3	128.4	1.08	0	0	0	1	1
105.6	93.8	1.13	0	1	0	1	0
111.6	116.1	0.96	1	1	0	0	1
109.1	106.7	1.02	0	2	0	0	0
82.2	98	0.84	0	0	0	1	0
60.5	79	0.77	0	0	0	0	0
110.7	112.5	0.98	1	0	0	1	1
46.6	79.8	0.58	0	1	0	1	0
110.4	124.3	0.89	1	1	0	0	1
73.5	102.5	0.72	1	0	0	0	1
101.7	92	1.11	0	0	0	0	0
93.8	107	0.88	1	0	0	1	1
94.1	94.6	0.99	0	1	0	0	0
98.8	114.5	0.86	0	1	0	0	0
96.5	104.6	0.92	0	0	0	1	0
99.5	103.9	0.96	1	0	0	0	1
84.2	73.7	1.14	0	0	0	1	0
61.3	98	0.63	1	0	0	0	1
136.3	105.7	1.29	1	0	0	1	1
86.3	109.9	0.79	0	2	0	0	0
111.2	110.3	1.01	1	0	0	0	1
91.2	94.1	0.97	0	0	0	1	0
88.8	96.1	0.92	0	0	0	1	0
89	97.8	0.91	1	0	0	0	1
65.9	100.2	0.66	0	1	0	0	0
73.6	85.9	0.86	0	1	0	0	0
104.3	102.7	1.02	1	1	0	1	1
86.3	110.7	0.78	0	2	0	1	0
113	120	0.94	0	0	0	0	0
94.2	106.2	0.89	0	0	0	0	0
70.8	87.5	0.81	1	1	0	1	1
109.8	120.8	0.91	1	0	0	1	1
50.8	78.8	0.64	0	0	0	1	0
79.4	114.4	0.69	1	1	0	0	1
91.2	87.8	1.04	0	2	0	1	0



96	94.9	1.01	0	1	0	0	0
75.1	112.8	0.67	0	0	0	0	0
101.7	121.4	0.84	1	0	0	0	1
106.9	101.3	1.06	1	0	0	1	1
85.2	79.8	1.07	0	0	0	1	0
76.4	71.3	1.07	0	0	0	0	0
118.7	125	0.95	0	0	0	0	0
94	102	0.92	1	1	0	1	1
99.6	107.3	0.93	0	0	0	1	0
86.7	99.1	0.87	0	0	0	0	0
126.7	107.6	1.18	0	2	1	1	1
83.8	104	0.81	1	0	0	0	1
77.6	109	0.71	0	0	0	0	0
98.6	106.8	0.92	0	0	0	0	0
95.2	119.7	0.8	0	0	0	0	0
97.8	125.8	0.78	0	1	0	0	0
87.1	95.6	0.91	0	0	0	1	0
77.3	114.5	0.68	1	2	0	1	1
88.3	98.1	0.9	1	0	0	1	1
86.2	100.7	0.86	0	1	0	0	0
93.9	101.8	0.92	0	2	0	0	0
81.2	89.4	0.91	0	1	0	0	0
111.9	129.4	0.86	0	0	0	1	0
113.1	96.3	1.17	1	0	0	0	1
133.3	117.8	1.13	0	0	0	0	0
87	104.1	0.84	0	0	0	0	0
97.7	117.8	0.83	1	0	0	0	1
73.2	91.4	0.8	1	0	0	0	1
90.5	101.2	0.89	0	1	0	1	0
85.8	109.2	0.79	0	0	0	0	0
63.3	99.9	0.63	0	1	0	0	0
124.2	111.9	1.11	0	1	0	1	1
83.5	90.3	0.92	0	0	0	1	0
75.7	88.3	0.86	0	1	0	1	0
93.8	104.8	0.9	0	0	0	1	0
91.5	103.4	0.88	0	1	0	1	0
99.5	93.1	1.07	0	0	0	0	0
108.1	97.2	1.11	0	0	0	0	0
90.2	103.3	0.87	0	0	0	0	0
73.6	69.7	1.06	0	0	0	1	0
88.6	117.4	0.75	0	0	0	0	0
67.7	87.6	0.77	0	0	0	0	0
93.1	101.2	0.92	0	0	0	1	0
109.7	111.3	0.99	0	2	0	0	0
88.9	102.4	0.87	0	0	0	0	0
108.9	113.8	0.96	0	1	0	0	0
121	109.7	1.1	1	0	0	0	1
91	103.9	0.88	1	1	0	0	1
71.8	72.7	0.99	0	0	0	1	0
92.4	86.5	1.07	0	0	0	1	0

65.8	69	0.95	0	1	0	0	0
84.5	97.7	0.86	0	0	0	0	0
80.2	95.8	0.84	1	0	0	0	1
96.4	113	0.85	1	0	0	0	1
59.2	85.8	0.69	0	0	0	0	0
99.6	92.9	1.07	0	1	0	0	0
104.3	97.3	1.07	1	0	0	0	1
90.5	81.9	1.11	0	1	0	0	0
89.9	86	1.05	0	0	0	0	0
72.1	79	0.91	0	0	0	0	0
96.3	118.7	0.81	0	1	0	0	0
88	118.8	0.74	0	2	0	1	0
125.2	131.3	0.95	0	0	0	0	0
53.2	96.8	0.55	0	1	0	0	0
108.1	94.4	1.15	1	1	0	1	1
134.2	156.6	0.86	0	2	0	0	0
95.9	102.6	0.93	1	0	0	0	1
97.9	120.9	0.81	0	0	0	0	0
110.4	118.4	0.93	1	0	0	0	1
109.6	104.2	1.05	0	0	0	0	0
110	84.7	1.3	0	1	0	1	0
64.4	85.5	0.75	1	0	0	0	1
93.5	86.7	1.08	0	0	0	1	0
103.3	100.1	1.03	0	1	0	1	0
97.5	88	1.11	0	0	0	1	0
97.6	101.8	0.96	1	1	0	1	1
64.4	84.2	0.76	1	0	0	0	1
99.8	125.6	0.79	1	0	0	1	1
99	115.7	0.86	0	0	0	1	1
84.4	106.7	0.79	0	0	0	0	0
69.7	85.6	0.81	0	1	0	0	0
89.3	103.8	0.86	0	0	0	1	0
103.5	91.1	1.14	0	0	0	0	0
105.6	114.4	0.92	0	0	0	0	0
110	120.8	0.91	0	0	0	0	0
85.8	67.9	1.26	0	1	0	0	0
72.9	112.1	0.65	0	0	0	1	0
79.9	95.4	0.84	0	0	0	0	0
106.8	129.3	0.83	1	1	0	0	1
123.8	96.5	1.28	1	2	0	1	1
106.7	127.4	0.84	0	2	0	1	0
81.8	100.5	0.81	0	0	0	0	0
85.3	101.5	0.84	1	0	0	0	1
60.4	80.7	0.75	0	0	0	0	0
88	66.5	1.32	0	0	0	1	0
104.8	110.6	0.95	0	0	0	0	1
101.3	114.4	0.89	0	0	0	1	0
86.5	109.3	0.79	1	2	0	0	1
128.8	116.1	1.11	0	1	0	0	0
116.6	107.5	1.08	0	0	0	0	0

86.5	91.6	0.94	0	0	0	0	0
93.4	96.2	0.97	0	0	0	1	0
74.9	96.6	0.78	1	0	0	0	1
75.7	92	0.82	0	2	0	0	0
111.1	93	1.19	1	0	0	1	1
104.4	107	0.98	0	0	0	0	0
95.7	109.4	0.87	1	1	0	0	1
90.7	82.8	1.1	1	0	0	1	1
110.2	118	0.93	1	0	0	1	1
95.8	116	0.83	1	0	0	0	1
68.8	93.4	0.74	0	0	0	0	0
111.9	91.2	1.23	0	0	0	0	0
93.3	101.8	0.92	0	0	0	1	0
111.3	108.7	1.02	1	0	0	0	1
92.6	112.9	0.82	0	1	0	1	0
101.6	97.4	1.04	0	1	0	0	0
102	102.3	1	0	0	0	1	0
72.1	98.3	0.73	0	0	0	1	0
116.7	124.3	0.94	0	1	0	0	0
100.7	103.1	0.98	0	1	0	1	0
106.9	103.5	1.03	1	0	0	1	1
96.6	120.4	0.8	0	1	0	0	0
76.1	97.4	0.78	0	1	0	0	0
73.5	109.8	0.67	0	0	0	0	0
98.2	113.9	0.86	1	1	0	0	1
98.4	108.5	0.91	0	0	0	0	0
95.3	90.2	1.06	1	2	0	0	1
98.2	81.9	1.2	0	1	0	0	0
106.7	108.1	0.99	0	0	0	0	0
83.1	86	0.97	1	0	0	0	1
108	104.2	1.04	0	0	0	1	0
87.2	99.5	0.88	1	1	0	1	1
41.5	100	0.42	0	0	0	0	0
116.8	120.5	0.97	1	0	0	1	1
69.6	88.3	0.79	0	1	0	1	0
83.5	101.9	0.82	0	1	0	0	0
115.6	88.5	1.31	0	1	0	0	0
77.8	103.6	0.75	1	1	0	1	1
86.7	104.4	0.83	0	1	0	1	0
114.1	89.9	1.27	1	0	0	0	1
102.4	132.2	0.77	0	0	0	1	0
136.1	146.9	0.93	1	1	0	0	1
101.8	106.7	0.95	1	1	0	0	1
88	101	0.87	1	0	0	0	1
75	77.1	0.97	1	2	0	0	1
94.5	106.9	0.88	0	0	0	0	0
105.1	89.1	1.18	1	1	0	1	1
93.8	109.4	0.86	0	1	0	0	0
86.8	92.1	0.94	0	1	0	0	0
85.6	100	0.86	0	0	0	0	0

106.9	121.7	0.88	0	0	0	0	0
89.1	97.5	0.91	0	0	0	1	1
98.9	126.8	0.78	0	0	0	0	0
130.6	106.7	1.22	0	0	0	1	0
111.1	99.7	1.11	0	1	0	1	0
87.4	108.6	0.8	1	2	0	0	1
90.4	117.9	0.77	0	1	0	0	0
99.5	116.2	0.86	0	0	0	0	0
77.5	102.8	0.75	0	0	0	1	0
102.4	122.7	0.83	0	1	0	0	0
88.2	87	1.01	0	1	0	0	0
94.3	78.2	1.21	1	1	0	1	1
79.1	99.6	0.79	0	0	0	0	0
85.7	112.1	0.76	1	0	0	1	1
122.1	102.5	1.19	1	0	0	1	1
78.8	86.2	0.91	1	0	0	0	1
99.8	102.1	0.98	1	0	0	0	1
107.8	112.7	0.96	1	2	0	0	1
90.8	103.6	0.88	0	0	0	0	0
83.2	93.9	0.89	0	1	0	0	0
90.5	96.7	0.94	1	0	0	0	1
108.9	114.4	0.95	0	2	0	0	0
77.2	91.2	0.85	0	2	0	1	0
85.5	98.5	0.87	0	0	0	0	0
61.1	63.1	0.97	0	1	0	1	0
97.8	102.8	0.95	0	0	0	0	0
89.8	93.2	0.96	0	0	0	1	0
76.2	118.2	0.64	1	0	0	1	1
68.5	73.8	0.93	0	0	0	0	0
86	109	0.79	1	0	0	0	1
113.5	123.3	0.92	0	0	0	0	0
105.4	116.6	0.9	0	0	0	0	0
67.1	112.7	0.6	0	0	0	0	0
86.6	99.4	0.87	0	1	0	0	0
67	81.5	0.82	0	0	0	1	0
66.8	113.7	0.59	1	2	0	1	1
67.4	99.9	0.67	0	0	0	1	0
88.5	86.9	1.02	0	1	0	0	0
86.9	123.1	0.71	0	0	0	0	0
85.2	94.7	0.9	0	0	0	0	0
95.6	110.5	0.87	0	0	0	0	0
73.6	113	0.65	1	0	0	0	1
79.6	87.8	0.91	1	0	0	0	1
84.4	91.8	0.92	0	1	0	0	0
81.4	99.1	0.82	0	1	0	0	0
93.8	95.9	0.98	0	0	0	1	0
119.3	140.6	0.85	1	2	0	1	1
65.6	97.8	0.67	0	0	0	0	0
75.9	134.5	0.56	1	0	0	0	1
99	115.1	0.86	0	0	0	0	0

86.4	113.6	0.76	0	0	0	0	0
94.8	99.7	0.95	1	0	0	0	1
81.6	102.7	0.79	0	0	0	0	0
93.4	103.4	0.9	1	0	0	0	1
106.3	107	0.99	0	2	0	0	0
91.6	91.3	1	0	1	0	0	0
109	116.2	0.94	0	0	0	1	0
105.1	100.9	1.04	0	0	0	1	0
96.3	99.4	0.97	1	1	0	0	1
94.7	119.2	0.79	0	1	0	1	0
87.4	108.4	0.81	0	0	0	1	1
108.4	120.1	0.9	1	0	0	1	1
80.6	110.4	0.73	0	0	0	1	0
105.3	103.2	1.02	1	0	0	0	1
123.7	114	1.09	1	1	0	1	1
100.5	105.3	0.95	0	0	0	0	0
85.3	106.5	0.8	0	0	0	0	0
96.3	90.4	1.07	0	0	0	0	0
112.7	125.1	0.9	0	0	0	0	0
103.7	108	0.96	0	1	0	0	0
100.7	96.6	1.04	0	2	0	0	0
108.6	98.2	1.11	0	0	0	0	0
129.3	112.9	1.15	0	0	0	1	0
109.4	121.8	0.9	0	0	0	1	0
88.3	130.4	0.68	0	0	0	0	0
92.7	93.8	0.99	0	0	0	0	0
74.4	95.4	0.78	0	0	0	0	0
83.5	80.2	1.04	0	1	0	1	0
124.5	108.6	1.15	0	0	0	1	0
86.9	72.2	1.2	0	0	0	0	0
128.2	117.6	1.09	0	0	0	1	1
90.3	104.8	0.86	0	0	0	1	0
74.5	88.8	0.84	0	1	0	0	0
93.8	106.5	0.88	1	0	0	1	1
80.3	111.7	0.72	1	0	0	0	1
79.7	96.2	0.83	1	0	0	1	1
105.9	105.6	1	1	2	0	0	1
103.8	114.1	0.91	0	0	0	1	1
92.5	93.2	0.99	0	1	0	0	0
119.3	130.8	0.91	1	0	0	1	1
80.4	92.6	0.87	0	0	0	1	0
81.4	98.8	0.82	1	0	0	0	1
122.2	100	1.22	0	0	0	1	1
75.6	90.1	0.84	1	1	0	0	1
98.6	107.1	0.92	1	0	0	0	1
95.1	98.9	0.96	1	1	0	0	1
66.6	85.6	0.78	1	2	0	1	1
95.2	94.4	1.01	1	1	0	1	1
95.6	98.8	0.97	1	2	0	0	1
103.8	111.5	0.93	0	0	0	1	0

97.9	118	0.83	0	0	0	0	0
116.1	137.2	0.85	1	0	0	1	1
86.9	97.6	0.89	0	1	0	1	0
60.4	88.9	0.68	1	1	0	1	1
107.7	116.8	0.92	1	0	0	0	1
72.7	111.8	0.65	1	0	0	1	1
102.5	111.8	0.92	1	0	0	0	1
103	121.1	0.85	0	1	0	0	0
93.1	102.2	0.91	0	0	0	0	0
88.3	104.8	0.84	1	2	0	0	1
86.7	86.7	1	0	0	0	0	0
104.4	97.8	1.07	0	0	0	1	0
99.6	140.5	0.71	0	0	0	1	0
111	96.7	1.15	0	0	0	0	0
97.9	99.3	0.99	0	1	0	1	0
85.6	101.8	0.84	1	1	0	0	1
96.8	116.6	0.83	1	0	0	0	1
94.4	106.5	0.89	0	0	0	0	1
115.6	114.5	1.01	1	0	0	1	1
81.8	82.9	0.99	0	0	0	0	0
98.2	116.6	0.84	0	1	0	1	0
78.5	97.5	0.81	1	1	0	0	1
83.8	102.6	0.82	0	0	0	0	0
120	112.7	1.06	0	1	0	0	0
89.8	90.7	0.99	0	0	0	1	0
115	135.5	0.85	1	0	0	1	1
93.9	117.2	0.8	0	0	0	1	1
101.8	115.5	0.88	0	0	0	1	0
66.6	111.1	0.6	0	1	0	0	0
79	115.5	0.68	1	0	0	0	1
98.2	96.3	1.02	1	1	0	0	1
99.9	87.8	1.14	0	0	0	0	0
85.3	107	0.8	0	1	0	1	0
93.7	92.5	1.01	0	2	0	1	0
65.4	110.5	0.59	0	1	0	1	0
90.7	102.6	0.88	0	1	0	1	0
84.6	100.3	0.84	1	0	0	1	1
105	114.3	0.92	0	0	0	0	0
90.4	110	0.82	0	1	0	1	0
114.3	125.1	0.91	0	1	0	1	0
73.4	109.9	0.67	0	0	0	0	0
97.9	93.7	1.04	1	0	0	1	1
80.6	102.6	0.79	1	0	0	0	1
105.3	108.6	0.97	1	0	0	1	1
119.5	121	0.99	0	0	0	1	1
116.6	112.6	1.04	1	2	0	1	1
98	78.3	1.25	0	1	0	0	0
76.6	99.8	0.77	0	0	0	0	0
86.9	102.3	0.85	0	1	0	1	0
75.8	102.6	0.74	1	1	0	0	1

108.5	110	0.99	1	1	0	0	1
91.4	94.9	0.96	1	1	0	0	1
61.4	87.5	0.7	0	1	0	1	0
70.1	101.2	0.69	0	1	0	0	0
110.3	120	0.92	0	0	0	1	0
93.4	128.7	0.73	1	0	0	0	1
72.6	88.3	0.82	0	0	0	0	0
106.3	131.8	0.81	0	0	0	0	0
107.6	100	1.08	1	1	0	1	1
104.3	121.7	0.86	1	0	0	0	1
108.6	131.6	0.83	1	0	0	0	1
95.8	97.6	0.98	1	1	0	0	1
75.4	93.7	0.8	1	0	0	0	1
73.8	95.7	0.77	0	2	0	0	0
121.3	116.9	1.04	0	1	0	1	0
89.1	113.5	0.79	0	1	0	0	0
81.8	93.1	0.88	1	1	0	1	1
106.8	98.2	1.09	1	0	0	0	1
96.8	91.4	1.06	0	0	0	1	0
78.5	97.1	0.81	0	1	0	1	0
84.3	109.3	0.77	0	0	0	1	0
84	109.8	0.77	0	1	0	0	0
81.4	92.2	0.88	0	1	0	0	0
99.7	114.8	0.87	0	0	0	0	0
72	114.1	0.63	0	0	0	1	0
105.3	102.2	1.03	0	0	0	1	1
99.7	119.4	0.84	0	0	0	1	0
74.4	87.4	0.85	1	0	0	0	1
108.9	106.9	1.02	0	1	0	1	1
104.6	107.5	0.97	0	0	0	1	1
121.4	133.6	0.91	0	1	0	0	0
109	104.2	1.05	0	0	0	0	0
90.4	94.5	0.96	0	1	0	0	0
84.7	90.3	0.94	0	0	0	0	0
56.2	87.7	0.64	0	2	0	1	0
108.4	109.8	0.99	0	1	0	1	1
84.3	88.5	0.95	1	0	0	0	1
106.4	105.8	1.01	1	0	0	0	1
116.2	122.9	0.95	0	2	0	1	1
98.2	92.5	1.06	1	2	0	0	1
91.1	93.9	0.97	0	0	0	1	0
109.2	109.8	0.99	1	1	0	1	1
79.6	106.7	0.75	0	0	0	1	0
125	119.3	1.05	0	0	0	1	0
85.2	96	0.89	0	0	0	1	0
110	121.1	0.91	0	0	0	1	0
94.7	102.8	0.92	0	1	0	1	0
90.3	114.5	0.79	1	0	0	1	1
112.6	96	1.17	0	0	0	0	0
116.5	127.3	0.92	1	0	0	1	1

101.1	111.1	0.91	0	0	0	0	0
77.2	85.9	0.9	0	0	0	1	0
84.3	96	0.88	0	1	0	1	0
98.2	105.2	0.93	0	0	0	0	0
90.6	87.2	1.04	0	2	0	0	0
110.1	113.6	0.97	0	0	0	1	1
95.8	100.7	0.95	1	0	0	0	1
71	110.1	0.64	0	0	0	0	0
111.7	103.5	1.08	0	1	0	1	1
83.1	113.5	0.73	1	0	0	1	1
102.2	89.2	1.15	0	0	0	0	0
97.8	100.5	0.97	0	0	0	0	0
128.1	110.6	1.16	0	0	0	1	1
107.5	106.5	1.01	0	0	0	1	0
84.5	92.5	0.91	1	0	0	1	1
102.9	116.6	0.88	0	2	0	0	0
102.7	87.6	1.17	0	0	0	1	0
98.2	96.1	1.02	0	2	0	1	0
96.3	104.2	0.92	1	0	0	1	1
126.9	116.8	1.09	0	0	0	1	0
85.9	103.8	0.83	0	0	0	0	0
91.1	98.8	0.92	0	0	0	0	0
61.4	75.3	0.82	0	1	0	0	0
105.6	91.1	1.16	0	1	0	0	0
93.1	109.3	0.85	1	0	0	1	1
94.3	105.3	0.9	1	0	0	1	1
95.4	119.6	0.8	0	2	0	0	0
105	123	0.85	0	0	0	0	0
91.8	98.2	0.93	1	0	0	0	1
99.3	125.2	0.79	0	1	0	1	0
105.3	99.3	1.06	0	0	0	0	0
74.5	98.5	0.76	0	1	0	1	0
88.2	95.8	0.92	0	0	0	1	0
105.7	85.7	1.23	0	0	0	1	0
55.3	72.8	0.76	0	0	0	0	0
86.8	76.4	1.14	1	0	0	1	1
102.7	95.1	1.08	1	0	0	0	1
94.9	69.5	1.37	0	0	0	0	0
108.5	118	0.92	0	1	0	1	0
76.6	104	0.74	1	1	0	0	1
95	99.1	0.96	0	0	0	1	0
114.5	105.2	1.09	0	1	0	0	0
80.2	86.4	0.93	0	0	0	0	0
99.8	121.6	0.82	0	0	0	1	1
95.9	113.5	0.84	0	1	0	1	1
78.7	82.2	0.96	1	2	0	0	1
78.3	89.7	0.87	0	0	0	1	0
83.4	110.1	0.76	1	1	0	0	1
68.8	101.5	0.68	1	1	0	1	1
100.7	107.2	0.94	1	0	0	1	1



117.4	124.7	0.94	0	0	0	0	0
88	105.3	0.84	0	2	0	0	0
102.5	107.9	0.95	0	0	0	0	0
95.5	85.9	1.11	0	0	0	0	0
96.4	129.3	0.75	0	1	0	0	0
91.4	86.6	1.06	1	0	0	0	1
86.6	95	0.91	0	0	0	0	0
107.4	132.7	0.81	0	0	0	0	0
91.6	102.3	0.9	0	0	0	0	0
114.8	123.4	0.93	1	0	0	1	1
74.6	99.5	0.75	0	2	0	0	0
106.5	108.8	0.98	0	0	0	1	0
91.6	100.1	0.92	0	0	0	0	0
69.1	91.2	0.76	1	0	0	0	1
114.7	110.7	1.04	0	0	0	0	0
91.9	97.3	0.94	1	1	0	1	1
63.6	85.1	0.75	1	0	0	0	1
88	100.1	0.88	1	0	0	0	1
100.3	103.4	0.97	0	0	0	0	0
105.8	97.7	1.08	0	0	0	0	0
78.6	92.4	0.85	1	0	0	1	1
94.5	125.2	0.75	1	1	0	0	1
91.2	127.3	0.72	1	0	0	0	1
83.7	97.7	0.86	0	0	0	0	0
104.3	88.8	1.17	0	1	0	0	0
119.6	109.5	1.09	1	1	0	1	1
98.4	119.6	0.82	0	0	0	1	0
54.7	63.3	0.86	0	1	0	1	0
109.6	109.1	1	0	1	0	0	0
100.3	110.6	0.91	0	0	0	0	0
71	110.1	0.64	0	2	0	0	0
70.8	101.9	0.69	1	1	0	0	1
85	95.1	0.89	0	1	0	1	0
91	111.9	0.81	0	1	0	0	0
110.4	115.9	0.95	0	2	0	1	1
72.6	86.6	0.84	0	0	0	0	0
109.6	105	1.04	0	0	0	1	0
119.3	99.7	1.2	0	0	0	0	0
90.3	98.5	0.92	0	0	0	1	0
128.1	103	1.24	0	0	0	0	0
102	102.4	1	1	0	0	1	1
80.1	106.5	0.75	0	0	0	1	0
76.3	107.7	0.71	0	0	0	1	0
83.2	101.8	0.82	1	0	0	1	1
78.3	100.4	0.78	0	2	0	0	0
63.4	93.3	0.68	0	0	0	0	0
75	92.8	0.81	0	0	0	1	0
62.4	86.6	0.72	1	0	0	0	1
113.6	127	0.89	0	1	0	1	1
96.1	97.8	0.98	0	1	0	0	0

113.6	91.4	1.24	1	1	0	1	1
72	102.8	0.7	1	1	0	1	1
83.4	91	0.92	1	2	0	0	1
109.1	107	1.02	0	0	0	1	0
114.4	120.9	0.95	0	1	0	0	0
93.2	102	0.91	0	0	0	0	0
96.2	110.4	0.87	0	1	0	0	0
97.2	114.1	0.85	0	0	0	0	0
96.1	97	0.99	0	0	0	1	0
68.8	98	0.7	1	1	0	0	1
89.9	82.7	1.09	0	0	0	1	0
104.9	97.2	1.08	1	1	0	0	1
110.5	107.6	1.03	1	0	0	0	1
99.3	74.7	1.33	0	0	0	0	0
97.7	120.6	0.81	0	2	0	0	0
105.5	121.3	0.87	1	1	0	1	1
75.2	107.2	0.7	0	0	0	0	0
69.6	76.2	0.91	0	1	0	1	0
70.1	73.2	0.96	0	0	0	0	0
117.1	122.8	0.95	0	0	0	0	0
110.6	109.3	1.01	1	2	0	0	1
84.5	94.4	0.9	0	0	0	0	0
106.7	125.2	0.85	0	2	0	1	0
86.7	102.8	0.84	1	0	0	0	1
113.8	119.9	0.95	0	1	0	1	0
67.7	95.4	0.71	1	0	0	0	1
85	110.3	0.77	1	0	0	1	1
105.9	100.3	1.06	0	0	0	1	0
80.3	83.3	0.96	0	0	0	0	0
110.6	92.2	1.2	0	0	0	1	0
72.3	124.4	0.58	0	0	0	0	0
100.7	78.5	1.28	1	1	0	1	1
99.3	109.6	0.91	0	2	0	0	0
88.9	108.1	0.82	0	0	0	0	0
90.3	101.7	0.89	1	0	0	1	1
83.6	85	0.98	0	1	0	1	0
107.3	93.2	1.15	0	1	0	1	0
93	117.4	0.79	1	0	0	1	1
72.9	101.1	0.72	0	2	0	0	0
113.9	105.9	1.08	0	0	0	1	0
116.1	110.9	1.05	1	0	0	1	1
111.7	111.3	1	0	0	0	0	0
87.2	107.4	0.81	0	0	0	0	0
74.3	103.9	0.72	0	0	0	0	0
118.5	105	1.13	0	0	0	1	0
109.3	106.2	1.03	1	1	0	0	1
78.2	87.3	0.9	1	0	0	0	1
107.1	123.5	0.87	0	0	0	0	0
104.9	94.4	1.11	0	0	0	0	0
77.1	81.5	0.95	0	1	0	0	0

101.3	94	1.08	0	0	0	0	0
105.7	111.2	0.95	1	1	0	1	1
98.5	111	0.89	0	0	0	0	1
125.6	111.5	1.13	0	0	0	0	0
79.7	107.2	0.74	0	1	0	0	0
105.8	110.8	0.95	0	0	0	0	0
83.6	78.3	1.07	0	1	0	1	0
105.9	92.7	1.14	1	0	0	0	1
77.9	90.9	0.86	0	0	0	1	0
110.8	111.7	0.99	0	0	0	0	0
107.3	110.1	0.97	0	1	0	0	0
98.3	129.6	0.76	1	1	0	0	1
100.7	104.6	0.96	0	0	0	1	0
102.9	123.9	0.83	1	0	0	0	1
132.1	125.1	1.06	0	0	0	1	1
76	104.6	0.73	0	0	0	0	0
88	83.9	1.05	1	0	0	1	1
98.7	118.6	0.83	0	0	0	0	0
99.5	108.7	0.92	0	0	0	1	0
70.7	90.6	0.78	1	0	0	1	1
113.8	106.8	1.07	0	0	0	0	0
91.9	99.5	0.92	0	0	0	0	0
89.4	107.3	0.83	0	0	0	1	0
95.4	74.4	1.28	1	0	0	0	1
83	106.9	0.78	0	0	0	0	0
83.6	77.3	1.08	0	1	0	0	0
94.3	121.3	0.78	1	2	0	0	1
83.4	103.9	0.8	0	1	0	1	0
96.1	115.1	0.83	0	0	0	0	0
84.8	96.4	0.88	0	1	0	0	0
56	90	0.62	0	0	0	0	0
109	111.6	0.98	0	0	0	1	0
82.7	89.8	0.92	1	0	0	0	1
98.9	102.6	0.96	0	0	0	1	0
106.1	99.1	1.07	0	2	0	0	0
98.9	103.9	0.95	0	0	0	1	0
94.7	103.9	0.91	1	2	0	1	1
73.1	93.6	0.78	1	0	0	1	1
111.7	117.9	0.95	0	2	0	1	0
121	124.6	0.97	0	1	0	0	0
63.1	80.4	0.78	1	0	0	1	1
95.9	87.6	1.09	0	1	0	0	0
75.9	97.2	0.78	1	0	0	0	1
72.3	97.8	0.74	0	1	0	1	0
86.1	107.2	0.8	1	0	0	0	1
86	104.3	0.82	0	0	0	0	0
122.9	120.9	1.02	1	1	0	0	1
105.6	111.9	0.94	0	1	0	1	0
93.4	79.6	1.17	1	0	0	1	1
93	82	1.13	0	0	0	1	1

90.7	87.2	1.04	0	0	0	0	0
96.3	91.9	1.05	0	2	0	0	0
86.2	95.4	0.9	0	2	0	1	0
92.1	96.7	0.95	0	2	0	1	0
104.5	121	0.86	0	0	0	0	0
86.4	96.1	0.9	1	1	0	1	1
120.7	106.4	1.13	1	2	0	0	1
107.2	115	0.93	1	1	0	1	1
88.9	106.2	0.84	1	0	0	1	1
102.4	108.6	0.94	0	0	0	1	0
75.6	109.6	0.69	1	2	0	1	1
86.9	75	1.16	1	1	0	0	1
69.3	87.8	0.79	0	0	0	0	0
85.4	118.5	0.72	0	0	0	1	1
117.9	98.1	1.2	0	2	0	0	0
123.3	105.6	1.17	0	1	0	1	0
85.2	102.7	0.83	0	0	0	1	0
117.7	101.8	1.16	0	0	0	0	0
84.3	105.9	0.8	0	0	0	1	0
79.5	109.7	0.72	0	0	0	0	0
71.3	113	0.63	0	0	0	0	0
82.9	99.7	0.83	0	1	0	0	0
85.9	96.6	0.89	0	0	0	0	0
68.4	95.5	0.72	0	0	0	1	0
86.8	96.9	0.9	0	1	0	0	0
73.5	96.2	0.76	0	0	0	0	0
82.4	95.8	0.86	0	0	0	1	0
105.1	98.7	1.06	0	0	0	0	0
119.6	123.5	0.97	0	0	0	1	1
81.7	106.9	0.76	1	0	0	1	1
77.5	103.2	0.75	0	1	0	1	0
89.5	97.4	0.92	1	1	0	0	1
87.5	96.2	0.91	0	0	0	0	0
115.2	107.7	1.07	1	2	0	1	1
122.6	129.5	0.95	0	0	0	0	0
54.2	81.2	0.67	1	1	0	0	1
76.2	80.9	0.94	0	0	0	0	0
66.2	94.6	0.7	1	1	0	0	1
89.5	101.4	0.88	1	1	0	0	1
105.4	106.1	0.99	0	0	0	0	0
70.4	106.8	0.66	1	1	0	1	1
97	113.8	0.85	0	0	0	1	0
90	101	0.89	0	0	0	1	1
84.4	99.9	0.84	1	0	0	1	1
84.9	91	0.93	1	0	0	0	1
89	70.2	1.27	1	0	0	1	1
114.2	112.2	1.02	0	1	0	0	0
87	96.6	0.9	0	0	0	0	0
71.5	101.1	0.71	0	0	0	0	0
83.7	92.6	0.9	0	0	0	0	0

78.1	100.6	0.78	0	1	0	0	0
87.7	110.5	0.79	1	1	0	0	1
103.5	101.5	1.02	0	0	0	1	0
102.1	121.8	0.84	1	0	0	0	1
100	95.6	1.05	0	1	0	1	0
84.8	115.5	0.73	0	0	0	0	0
111.3	111.9	0.99	0	0	0	1	0
97.7	88.9	1.1	0	0	0	0	0
110.2	110.6	1	1	0	0	0	1
85.5	93.3	0.92	0	0	0	1	0
103.5	106.4	0.97	1	0	0	1	1
62.5	97	0.64	0	2	0	0	0
109.1	126	0.87	1	1	0	1	1
77.1	104	0.74	0	0	0	0	0
95	109.8	0.87	0	1	0	0	0
52.5	91.9	0.57	0	0	0	0	0
89.8	113	0.79	1	0	0	0	1
94.8	96.6	0.98	0	0	0	0	0
95.2	97.9	0.97	0	0	0	0	0
112.3	110.2	1.02	0	0	0	0	0
133.2	101.1	1.32	0	1	0	0	0
110.8	116.4	0.95	0	0	0	1	0
96.6	113.6	0.85	0	0	0	1	0
115	88.1	1.31	1	1	0	1	1
77.7	104.7	0.74	1	1	0	1	1
97.2	103.7	0.94	1	1	0	1	1
74.2	107.6	0.69	0	1	0	0	0
94.7	125.1	0.76	1	1	0	1	1
102.2	115.1	0.89	0	2	0	0	0
107.5	126.6	0.85	0	0	0	0	0
96.9	101.6	0.95	1	1	0	0	1
103.4	89.6	1.15	0	2	0	0	0
115.7	123.7	0.94	1	0	0	0	1
100.5	103.6	0.97	0	1	0	1	0
92.4	105.6	0.88	0	1	0	0	0
96.4	88.3	1.09	0	1	0	0	0
89.8	86	1.04	0	0	0	1	0
94.2	109.1	0.86	1	0	0	0	1
75	83.2	0.9	0	0	0	1	0
102.3	102.2	1	0	1	0	1	0
87.9	103.4	0.85	0	0	0	1	0
118.2	109.4	1.08	0	2	0	0	0
94.7	77.9	1.22	1	1	0	1	1
118.2	118.5	1	0	0	0	1	0
91.6	120.4	0.76	0	1	0	0	0
87.2	90.5	0.96	1	1	0	0	1
106.5	112.9	0.94	0	0	0	0	0
95.9	97.2	0.99	0	0	0	1	0
104.7	114.1	0.92	0	0	0	0	0
95.3	85.6	1.11	1	0	0	0	1

87.9	92	0.96	0	1	0	1	0
114.3	101.9	1.12	1	0	0	1	1
114	119.9	0.95	1	0	0	0	1
89.3	123.7	0.72	0	0	0	1	0
93.1	113.7	0.82	0	2	0	0	0
71.4	103.2	0.69	1	0	0	0	1
112.7	114.7	0.98	0	2	0	0	0
88.5	103.8	0.85	0	2	0	1	0
106.1	97	1.09	1	1	0	0	1
77.9	94.5	0.82	1	0	0	1	1
98.9	108.7	0.91	0	1	0	0	0
98.5	100.3	0.98	0	0	0	0	0
90	97.7	0.92	0	0	0	0	0
64.5	86.2	0.75	0	0	0	0	0
114.5	105.6	1.08	0	1	0	0	0
102.1	116.4	0.88	0	1	0	0	0
69.7	105.8	0.66	0	1	0	1	0
97.5	107.8	0.9	0	0	0	0	0
74.6	103.3	0.72	0	1	0	1	1
99.5	101	0.99	0	0	0	0	0
59.7	95.4	0.63	0	1	0	1	0
111.2	113.1	0.98	0	1	0	1	0
115	123.3	0.93	1	0	0	1	1
88.1	97.2	0.91	1	0	0	0	1
111	129.9	0.85	0	1	0	0	0
95.2	101.8	0.94	0	0	0	1	0
102.7	89.3	1.15	1	0	0	0	1
82.4	89.6	0.92	0	0	0	1	0
101.3	98.3	1.03	0	0	0	0	0
88.9	105.5	0.84	0	0	0	1	0
107.6	106.9	1.01	0	0	0	1	1
121.4	101.1	1.2	0	1	0	0	0
85.5	111	0.77	0	1	0	1	0
90.9	98.7	0.92	0	1	0	1	0
86.8	115	0.75	0	0	0	0	0
90.1	94.3	0.96	1	0	0	1	1
84	114.9	0.73	0	0	0	1	0
97.5	88.7	1.1	1	0	0	0	1
79.7	101.1	0.79	0	1	0	0	0