Nest number	Female morph	Pre-exp weight	Parental diet	Exp weight	Clutch
2	black	13.6	HQ	13.5	Y
6	black	13.2	HQ	13.2	Y
10	black	14.2	HQ	14.1	Y
14	black	13.7	HQ	13.2	Y
18	black	12.7	HQ	12.5	Y
22	black	13.8	HQ	13.5	Y
26	black	13.6	HQ	13.2	Y
30	black	13.2	HQ	13.2	Y
34	black	12.8	HQ	12.9	Y
38	black	13.7	HQ	13.7	Y
42	black	13.6	HQ	13.2	Y
46	black	13.7	HQ	13.7	Y
50	black	12.7	HQ	12.9	Y
54	black	13.8	HQ	13.8	Y
58	black	13.6	HQ	13.1	Y
62	black	13.2	HQ	13.2	Y
66	black	13.6	HQ	13.7	Y
70	black	11.5	HQ	11.5	Y
74	black	12.8	HQ	12.8	Y
78	black	13.4	HQ	13.5	Y
82	black	12.1	HQ	12.1	Y
86	black	13.1	HQ	13.1	Y
90	black	13.6	HQ	13.8	Y
94	black	13.2	HQ	13.2	Y
98	black	14.2	HQ	14.1	Y
102	black	13.4	HQ	13.4	Y
106	black	12.7	HQ	12.1	Y
110	black	12.4	HQ	12.1	Y
114	black	14.2	HQ	13.2	Y
118	black	12.8	HQ	12.8	N
1	red	13.2	HQ	13.4	Y
5	red	12.8	HQ	12.9	Y
9	red	13.7	HQ	13.7	Y
13	red	13.6	HQ	13.2	Y
17	red	13.2	HQ	13.2	Y
21	red	14.2	HQ	14.1	Y
25	red	13.4	HQ	13.4	Y
29	red	13.6	HQ	13.2	Y
33	red	13.1	HQ	13.1	Y
37	red	14.2	HQ	14.3	Y
41	red	13.6	HQ	13.7	Y
45	red	13.7	HQ	13.4	Y
49	red	13.1	HQ	13.1	Y
53	red	14.2	HQ	13.5	Y
57	red	13.6	HQ	13.2	Y
61	red	13.7	HQ	13.7	Y
65	red	12.2	HQ	13.4	Y
69	red	13.1	HQ	12.8	Y
73	red	14.2	HQ	14.9	Y
77	red	12.1	HQ	12.8	Y
81	red	12.2	HQ	12.2	Y
85	red	13.2	HQ	13.5	Y

89	red	12.8	HQ	13.4	Y
93	red	13.2	HQ	13.1	Y
97	red	12.2	HQ	12.5	Y
101	red	15.2	HQ	15.2	Y
105	red	13.6	HQ	13.7	Y
109	red	13.2	HQ	13.2	Y
113	red	14.2	HQ	14.2	N
117	red	13.4	HQ	14.3	N
4	black	13.7	LQ	12.4	Y
8	black	12.7	LQ	12.7	Y
12	black	13.6	LQ	12.6	Y
16	black	13.2	LQ	13.2	Y
20	black	14.2	LQ	12.6	Y
24	black	13.4	LQ	12.1	Y
28	black	13.6	LQ	13.1	Y
32	black	13.1	LQ	12.7	Y
36	black	14.2	LQ	12.8	Y
40	black	13.6	LQ	12.5	Y
44	black	13.6	LQ	12.1	Y
48	black	13.2	LQ	12.9	Y
52	black	14.2	LQ	12.5	Y
56	black	13.4	LQ	12.6	Y
60	black	13.6	LQ	12.3	Y
64	black	13.1	LQ	12.6	Y
68	black	13.7	LQ	13.1	Y
72	black	12.7	LQ	12.1	Y
76	black	12.7	LQ	12.4	Y
80	black	11.2	LQ	11.1	Y
84	black	11.2	LQ	10.5	Y
88	black	12.8	LQ	12.3	Y
92	black	13.7	LQ	13.7	Y
96	black	12.7	LQ	12.6	Y
100	black	13.8	LQ	12.9	Y
104	black	12.1	LQ	11.3	Y
108	black	12.1	LQ	11.7	Y
112	black	12.8	LQ	12.2	N
116	black	13.1	LQ	12.8	N
120	black	12.7	LQ	12.1	N
3	red	13.1	LQ	11.2	Y
7	red	14.2	LQ	11.2	Y
11	red	13.6	LQ	10.3	Y
15	red	13.7	LQ	10.3	Y
19	red	12.7	LQ	11.2	Y
23	red	13.8	LQ	11.2	Y
27	red	13.6	LQ	10.6	Y
31	red	13.2	LQ	11.5	Y
35	red	12.8	LQ	10.9	Y
39	red	13.7	LQ	10.3	Y
43	red	13.6	LQ	11.2	Y
47	red	13.2	LQ	11.2	Y
51	red	12.8	LQ	10.9	Y
55	red	13.7	LQ	10.4	Y
59	red	13.6	LQ	10.8	Y

63	red	13.2	LQ	11.3	Y
67	red	13.2	LQ	10.3	Y
71	red	12.8	LQ	11.1	Y
75	red	13.7	LQ	11.1	Y
79	red	13.6	LQ	11.4	Y
83	red	14.7	LQ	12.3	Y
87	red	12.1	LQ	11.7	N
91	red	14.2	LQ	12.1	N
95	red	13.1	LQ	11.7	N
99	red	14.2	LQ	12.1	N
103	red	13.6	LQ	10.2	N
107	red	13.7	LQ	10.4	N
111	red	12.7	LQ	10.3	N
115	red	15.2	LQ	11.2	N
119	red	13.6	LQ	11.7	N

Mean egg size
203
220
224
232
234
254
223
221
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226
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198
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214
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231
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197
184
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197
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203
208
201

231
222
201
202
197
200

Nest number	Parental morph	Offspring ID	Offspring sex	Embryo mortality
6	black	1	F	1
6	black	2	M	1
6	black	3	F	1
6	black	4	F	1
6	black	5	F	1
6	black	6	M	1
8	black	1	M	1
8	black	2	M	1
8	black	3	F	1
8	black	4	F	1
8	black	5	M	1
8	black	6	M	1
14	black	1	M	1
14	black	2	F	1
14	black	3	M	1
14	black	4	F	1
14	black	5	M	1
18	black	1	F	0
20	black	1	M	1
20	black	2	M	1
20	black	3	F	0
20	black	4	M	1
22	black	1	F	1
22	black	2	F	1
22	black	3	F	1
22	black	4	M	1
22	black	5	F	1
28	black	1	F	1
28	black	2	M	1
28	black	3	F	1
28	black	4	M	1
28	black	5	F	1
32	black	1	M	1
32	black	2	F	1
32	black	3	M	1
32	black	4	M	1
32	black	5	F	1
32	black	6	F	1
32	black	7	F	1
34	black	1	F	1
34	black	2	F	1
34	black	4	F	1
40	black	1	F	1
40	black	2	M	1
40	black	3	F	0
40	black	4	M	1
40	black	5	M	1
46	black	1	F	1
46	black	2	M	1
46	black	3	F	1
46	black	4	M	1
46	black	5	F	1

48	black	1	M	1
48	black	2	F	1
48	black	3	M	1
48	black	4	M	1
48	black	5	F	1
48	black	6	M	1
50	black	5	M	0
54	black	1	F	1
54	black	2	M	1
54	black	3	F	1
54	black	4	F	1
54	black	5	F	1
60	black	1	F	1
60	black	2	M	1
60	black	3	M	1
60	black	4	F	1
60	black	5	M	1
62	black	1	M	1
62	black	2	M	1
62	black	3	F	1
66	black	1	F	0
66	black	2	F	1
66	black	3	F	1
66	black	4	M	1
68	black	1	M	1
68	black	2	F	1
68	black	3	M	1
68	black	4	M	1
68	black	5	M	1
72	black	1	F	1
72	black	2	M	1
72	black	3	M	1
72	black	4	F	1
72	black	5	M	1
74	black	1	F	0
78	black	1	F	1
78	black	2	M	1
78	black	3	F	1
80	black	1	M	1
80	black	2	M	1
80	black	3	M	1
80	black	4	F	1
80	black	5	M	1
84	black	1	M	1
84	black	2	M	1
84	black	3	F	1
84	black	4	M	1
84	black	5	M	1
86	black	1	M	1
86	black	2	F	1
86	black	3	M	1
86	black	4	F	1
90	black	1	F	0

90	black	2	F	1
90	black	3	M	1
90	black	4	M	1
90	black	5	F	1
92	black	2	M	1
92	black	3	F	1
92	black	4	M	1
92	black	5	M	1
100	black	1	M	1
100	black	2	F	1
100	black	3	M	1
100	black	4	M	1
100	black	5	F	1
102	black	1	F	1
102	black	2	M	1
102	black	3	F	1
110	black	1	M	1
110	black	2	F	1
110	black	3	F	1
114	black	1	M	1
114	black	2	M	1
114	black	3	F	1
114	black	4	M	1
114	black	5	F	1
3	red	1	M	1
3	red	2	M	1
3	red	3	M	1
3	red	4	F	1
3	red	5	M	1
5	red	1	F	1
5	red	2	F	1
5	red	3	F	1
5	red	4	F	1
5	red	5	M	1
5	red	6	M	1
11	red	1	F	1
11	red	2	M	1
11	red	4	F	1
11	red	5	M	1
13	red	4	F	0
15	red	1	M	1
15	red	2	M	1
15	red	3	F	0
23	red	1	M	1
23	red	2	M	1
23	red	3	M	1
25	red	1	F	1
25	red	2	M	1
25	red	3	F	1
25	red	4	F	1
25	red	5	F	1
25	red	6	M	0
31	red	3	F	1

31	red	4	M	1
31	red	5	F	1
39	red	1	F	1
39	red	2	M	1
39	red	3	F	1
39	red	4	M	1
43	red	1	M	1
43	red	2	F	1
43	red	3	M	1
43	red	4	M	1
45	red	1	F	1
45	red	2	M	1
45	red	3	F	1
45	red	4	F	1
45	red	5	M	1
45	red	6	F	1
49	red	1	M	1
49	red	2	F	1
49	red	3	M	1
49	red	4	F	1
49	red	5	M	1
49	red	6	F	1
49	red	7	F	1
51	red	1	M	1
51	red	2	M	1
51	red	3	F	1
51	red	4	M	1
51	red	5	M	1
57	red	1	M	1
57	red	2	F	1
57	red	3	M	1
57	red	4	F	1
57	red	5	M	1
57	red	6	F	1
57	red	7	M	1
59	red	1	M	1
59	red	2	M	1
59	red	3	M	1
59	red	4	F	1
59	red	5	M	1
61	red	1	F	1
61	red	2	M	1
61	red	3	M	1
61	red	4	F	1
61	red	5	F	1
61	red	6	M	1
65	red	1	M	1
65	red	2	F	1
65	red	3	F	1
65	red	4	M	1
65	red	5	F	1
65	red	6	M	1
67	red	1	M	1

67	red	2	F	1
67	red	3	M	1
67	red	4	M	1
67	red	5	F	1
73	red	1	F	1
73	red	2	F	1
73	red	3	M	1
73	red	4	F	1
73	red	5	F	1
75	red	1	M	1
75	red	2	F	1
75	red	4	M	1
83	red	1	F	1
83	red	2	M	1
83	red	3	F	1
83	red	4	M	1
83	red	6	F	1
85	red	1	M	1
85	red	2	F	1
85	red	3	M	1
85	red	4	F	1
85	red	5	F	1
85	red	6	M	1
93	red	1	M	1
93	red	2	M	1
93	red	3	F	1
93	red	4	M	1
93	red	5	F	1
93	red	6	F	1
93	red	7	F	1
105	red	1	F	1
105	red	2	M	1
105	red	3	F	1
105	red	4	M	1
105	red	5	F	1
105	red	6	F	1
2	black	1	M	1
2	black	2	F	1
2	black	3	F	1
2	black	4	F	1
2	black	5	M	1
4	black	1	F	1
4	black	2	F	0
4	black	3	F	1
4	black	4	M	1
10	black	1	M	1
10	black	2	M	1
10	black	3	F	1
10	black	4	F	1
10	black	5	M	1
10	black	6	F	1
12	black	1	M	1
12	black	2	F	1

12	black	3	F	1
12	black	4	F	1
16	black	1	M	1
16	black	2	F	1
16	black	3	F	1
16	black	4	M	1
16	black	5	M	1
16	black	6	F	1
18	black	2	F	1
18	black	3	M	1
18	black	4	M	1
18	black	5	F	1
24	black	1	F	1
24	black	2	F	1
24	black	3	M	1
24	black	4	F	1
24	black	5	M	1
26	black	1	F	1
26	black	2	F	1
26	black	3	M	1
30	black	1	M	1
30	black	2	M	1
30	black	3	F	1
30	black	4	F	1
30	black	5	M	1
34	black	3	M	1
36	black	1	F	1
36	black	2	M	1
36	black	3	M	1
36	black	4	F	0
36	black	5	M	1
36	black	6	M	1
38	black	1	F	1
38	black	2	M	1
38	black	3	F	1
38	black	4	M	1
38	black	5	F	1
38	black	6	F	1
38	black	7	M	1
42	black	1	F	1
42	black	2	F	1
42	black	3	M	1
42	black	4	M	1
42	black	5	F	1
44	black	1	M	1
44	black	2	F	1
44	black	3	M	1
44	black	4	F	1
50	black	1	M	1
50	black	2	F	1
50	black	3	M	1
50	black	4	F	1
52	black	1	M	1

52	black	2	M	1
52	black	3	M	0
52	black	4	F	1
52	black	5	M	1
52	black	6	M	1
56	black	1	F	1
56	black	2	M	0
56	black	3	F	0
56	black	4	F	1
56	black	5	F	1
58	black	1	F	1
58	black	2	F	1
58	black	3	M	1
58	black	4	M	1
58	black	5	M	1
58	black	6	F	1
58	black	7	M	1
64	black	1	M	0
64	black	2	M	1
64	black	3	M	1
64	black	4	M	1
64	black	5	F	1
64	black	6	M	1
70	black	1	M	1
70	black	2	M	1
70	black	3	F	1
70	black	4	F	1
70	black	5	M	1
74	black	2	F	1
74	black	3	M	1
74	black	4	M	1
74	black	5	F	1
74	black	6	M	1
76	black	1	F	1
76	black	2	F	0
76	black	3	M	0
76	black	4	F	1
76	black	5	M	1
76	black	6	M	1
82	black	1	F	1
82	black	2	M	1
82	black	3	F	1
82	black	4	M	1
82	black	5	F	1
88	black	1	F	1
88	black	2	M	1
88	black	3	M	1
88	black	4	M	0
88	black	5	M	1
88	black	6	F	0
92	black	1	M	1
94	black	1	F	1
94	black	2	M	1

94	black	3	F	1
94	black	4	M	1
94	black	5	F	1
96	black	1	M	1
96	black	2	M	1
96	black	3	F	1
96	black	4	M	1
96	black	5	M	1
98	black	1	F	1
104	black	1	M	1
104	black	2	F	0
104	black	3	M	1
104	black	4	M	0
106	black	1	M	1
106	black	2	F	1
106	black	3	F	1
106	black	4	M	1
106	black	5	F	1
108	black	1	M	1
108	black	2	M	1
108	black	3	M	1
108	black	4	F	1
1	red	1	M	1
1	red	2	M	1
1	red	3	M	1
1	red	4	F	1
1	red	5	F	1
1	red	6	M	1
7	red	1	M	1
7	red	2	M	0
7	red	3	F	1
7	red	4	M	1
9	red	1	F	1
9	red	2	F	1
9	red	3	F	1
9	red	4	M	1
9	red	5	F	1
11	red	3	F	0
13	red	1	M	1
13	red	2	F	1
13	red	3	M	1
13	red	5	F	1
17	red	1	M	1
17	red	2	F	1
17	red	3	M	1
17	red	4	F	1
17	red	5	F	1
17	red	6	M	1
19	red	1	F	1
19	red	2	M	1
19	red	3	M	1
19	red	4	M	0
21	red	1	M	1

21	red	2	F	1
21	red	3	M	1
21	red	4	F	1
21	red	5	F	1
21	red	6	M	1
27	red	1	F	1
27	red	2	M	1
27	red	3	F	1
27	red	4	M	1
29	red	1	M	1
29	red	2	F	1
29	red	3	F	1
29	red	4	M	1
29	red	5	M	1
29	red	6	F	1
31	red	1	M	1
31	red	2	M	0
33	red	1	M	1
33	red	2	F	1
33	red	3	M	1
33	red	4	M	1
33	red	5	M	1
33	red	6	F	1
35	red	1	M	1
35	red	2	M	1
35	red	3	F	1
35	red	4	M	1
37	red	1	F	1
37	red	2	M	1
37	red	3	F	1
37	red	4	M	1
37	red	5	F	1
37	red	6	F	1
41	red	1	M	1
41	red	2	M	1
41	red	3	M	1
41	red	4	F	1
41	red	5	F	1
41	red	6	M	1
47	red	1	F	1
47	red	2	M	1
47	red	3	M	1
47	red	4	M	1
47	red	5	M	0
53	red	1	M	1
53	red	2	F	1
53	red	3	M	1
53	red	4	F	1
53	red	5	F	1
53	red	6	M	1
55	red	1	M	1
55	red	2	F	1
55	red	3	M	1

55	red	4	F	1
63	red	1	F	1
63	red	2	F	0
63	red	3	M	1
69	red	1	F	1
69	red	2	M	1
69	red	3	F	1
69	red	4	M	1
69	red	5	F	1
69	red	6	M	1
71	red	1	M	1
71	red	2	M	1
71	red	3	M	1
75	red	3	M	0
77	red	1	M	1
77	red	2	M	1
77	red	3	M	1
77	red	4	F	1
77	red	5	F	1
77	red	6	F	1
79	red	1	M	1
79	red	2	M	1
79	red	3	F	1
79	red	4	M	0
81	red	1	M	1
81	red	2	F	1
81	red	3	F	1
81	red	4	M	1
81	red	5	M	1
81	red	6	F	1
81	red	7	M	1
83	red	5	M	0
89	red	1	F	1
89	red	2	F	1
89	red	3	M	1
89	red	4	M	1
89	red	5	F	1
89	red	6	F	1
97	red	1	M	1
97	red	2	F	1
97	red	3	F	1
97	red	4	F	1
97	red	5	M	1
97	red	6	F	1
97	red	7	M	1
101	red	1	F	1
101	red	2	F	1
101	red	3	F	1
101	red	4	M	1
101	red	5	M	1
109	red	1	F	1
109	red	2	M	1
109	red	3	M	1

109	red	4	F	1
109	red	5	F	1
109	red	6	M	1
109	red	7	M	1

Pre-foster weight	Diet of Foster Parents	Growth rate	PHA response	Hemoglobin
1.23	HQ	0.37	2.8	16.8
0.89	HQ	0.22	2.2	16.4
0.94	HQ	0.25	2.6	14.8
0.84	HQ	0.34	2.4	14.5
0.93	HQ	0.29	2.2	16.4
0.67	HQ	0.29	2.5	16.4
1.02	HQ	0.29	2.6	17.6
0.54	HQ	0.27	2.7	14.3
0.65	HQ	0.29	2.1	18.5
0.66	HQ	0.38	2.8	13.1
0.83	HQ	0.23	2.3	14.6
0.92	HQ	0.34	2.2	16.2
0.8	HQ	0.28	2.3	14.5
0.92	HQ	0.28	2.7	18.9
0.69	HQ	0.24	2.7	14.8
0.67	HQ	0.28	2.6	17.8
0.82	HQ	0.29	2.1	16.8
	HQ			
0.8	HQ	0.33	2.1	16.6
0.83	HQ	0.22	3.1	17.6
	HQ			
1.21	HQ	0.31	1.9	18.7
0.77	HQ	0.33	2.1	13.5
0.86	HQ	0.31	2.2	14.7
0.6	HQ	0.33	2.7	15.6
0.83	HQ	0.29	3.2	17.8
0.97	HQ	0.28	2.6	18.7
0.45	HQ	0.23	2.1	18.3
0.69	HQ	0.19	2.5	14.5
0.7	HQ	0.16	2.7	14.3
0.71	HQ	0.3	2.1	13.3
0.77	HQ	0.26	2.7	15.2
1.28	HQ	0.29	2.8	18.5
0.58	HQ	0.28	2.8	12.1
0.41	HQ	0.38	2	15.4
0.47	HQ	0.25	2.7	16.2
1.19	HQ	0.28	2.5	15.9
0.73	HQ	0.34	2.6	16.4
0.76	HQ	0.31	2.7	16
1.01	HQ	0.37	2.6	16.3
0.96	HQ	0.32	2.4	16.8
0.83	HQ	0.38	3.2	16.4
0.78	HQ	0.28	2.7	16.7
0.88	HQ	0.25	2.3	16.6
	HQ			
0.62	HQ	0.35	3	16.1
0.63	HQ	0.3	2	12.3
0.96	HQ	0.29	2.5	18.6
0.94	HQ	0.29	3	18.9
0.89	HQ	0.3	2.3	16.2
0.78	HQ	0.22	2.7	13.5
0.76	HQ	0.3	2.8	17.6

0.34	HQ	0.32	2.5	15.6
1.07	HQ	0.36	2.5	14.8
1.12	HQ	0.28	2.2	14.7
0.66	HQ	0.3	2.4	17.4
0.69	HQ	0.38	2.9	15.1
1.07	HQ	0.24	2.8	18.7
	HQ			
0.96	HQ	0.34	2.8	16.6
0.86	HQ	0.28	2.7	16.4
0.95	HQ	0.3	2.6	17.6
0.69	HQ	0.3	2.6	14.6
0.92	HQ	0.31	2.7	14.3
0.57	HQ	0.29	2.9	18.1
0.63	HQ	0.33	3.4	16.4
0.73	HQ	0.23	3.1	16.8
0.44	HQ	0.33	3	17.1
0.78	HQ	0.27	3	16.3
0.69	HQ	0.23	2.7	14.8
0.84	HQ	0.34	2.8	14.5
1.1	HQ	0.21	2.7	18.7
	HQ			
1.05	HQ	0.27	2.4	14.5
0.94	HQ	0.29	2.2	13.3
0.92	HQ	0.34	2.1	16.8
0.67	HQ	0.18	2.5	17.6
0.84	HQ	0.26	2.8	19.2
0.38	HQ	0.24	2.5	16.2
1.22	HQ	0.37	2.7	14.3
0.64	HQ	0.38	1.9	12.5
0.55	HQ	0.28	2.4	13.8
0.48	HQ	0.23	2.9	17.6
1.02	HQ	0.32	3.1	14.6
0.5	HQ	0.38	2.5	15
0.56	HQ	0.31	2.4	16.6
	HQ			
1.22	HQ	0.33	2.1	15.4
1.16	HQ	0.32	2.6	17.8
1.05	HQ	0.33	2.3	18.5
0.52	HQ	0.24	2.4	14.8
0.52	HQ	0.3	3.2	15.1
0.55	HQ	0.24	2.2	18.7
0.93	HQ	0.31	2.3	19
0.6	HQ	0.29	1.8	19.4
0.76	HQ	0.3	3	17.1
1.12	HQ	0.23	2.9	19.2
0.85	HQ	0.32	1.7	15.9
0.93	HQ	0.26	1.8	13.8
0.96	HQ	0.37	2.2	18.1
1.1	HQ	0.35	2.6	18.9
1.34	HQ	0.37	2	16.2
1	HQ	0.27	2.8	13.5
1.05	HQ	0.23	2.5	16.6
	HQ			

0.95	HQ	0.37	1.8	12.3
0.82	HQ	0.29	2.6	14.7
0.71	HQ	0.37	3.1	18.7
0.69	HQ	0.27	3.2	16.1
0.98	HQ	0.31	2.6	14.7
0.58	HQ	0.36	2.7	16.7
0.82	HQ	0.3	2	18.7
0.83	HQ	0.3	2.8	15
0.6	HQ	0.33	2.7	16.8
0.78	HQ	0.28	2.8	16.6
0.86	HQ	0.25	2.5	15.6
0.89	HQ	0.36	2.6	16.4
1.27	HQ	0.38	2.7	17.1
0.88	HQ	0.28	2.9	17.4
0.62	HQ	0.23	2.4	15.6
0.85	HQ	0.32	2.9	16
0.75	HQ	0.37	2.6	16.4
0.64	HQ	0.32	3.1	14.4
0.62	HQ	0.38	2.2	14.1
0.77	HQ	0.23	2	12.5
0.87	HQ	0.26	2.6	16.3
1.11	HQ	0.36	2.2	17.4
0.77	HQ	0.3	2.9	19.4
0.82	HQ	0.33	2.9	16.4
0.75	HQ	0.23	2.4	13.3
0.76	HQ	0.34	3.3	19.3
0.77	HQ	0.29	2.9	16.2
0.83	HQ	0.29	2.2	16.2
0.97	HQ	0.38	2.4	12.4
0.86	HQ	0.34	2.5	16.5
0.75	HQ	0.38	2.4	12.8
0.73	HQ	0.3	2.3	14.6
0.68	HQ	0.35	2.7	17.9
0.57	HQ	0.32	2.6	16.3
0.55	HQ	0.31	2.3	12.5
1.25	HQ	0.29	2.3	17.4
0.79	HQ	0.29	2.8	21.3
0.82	HQ	0.38	2.6	22.3
1.2	HQ	0.29	2.9	15.1
	HQ			
0.79	HQ	0.23	2.9	15.4
0.57	HQ	0.28	2.5	17.4
	HQ			
1.19	HQ	0.32	2.5	19.5
0.68	HQ	0.3	2.6	14.1
0.69	HQ	0.3	2.6	19.4
0.71	HQ	0.25	2.1	16.9
0.86	HQ	0.25	2.8	17.6
1.12	HQ	0.35	2.5	17.9
1.2	HQ	0.38	2.9	22.4
0.86	HQ	0.31	2.3	23.2
	HQ			
0.87	HQ	0.32	2.4	16.9

1.18	HQ	0.35	2.6	15.3
0.72	HQ	0.38	2.5	13.1
0.87	HQ	0.31	2.3	18.2
1.08	HQ	0.27	3.1	14.7
0.77	HQ	0.33	2.1	16.8
0.72	HQ	0.29	2.4	18.7
0.61	HQ	0.22	2.6	14.7
1.15	HQ	0.25	2.1	14.9
0.63	HQ	0.29	3.3	21.4
0.87	HQ	0.35	2.5	16.4
1.06	HQ	0.35	2.5	14.8
0.8	HQ	0.37	2.7	16.2
1.03	HQ	0.37	2.5	18.8
1.17	HQ	0.33	2.8	15.7
1.17	HQ	0.28	2.3	14.3
1.11	HQ	0.32	2.4	13.6
1	HQ	0.34	1.9	17.6
0.98	HQ	0.27	2.2	19.5
1.23	HQ	0.24	2.7	14.6
0.89	HQ	0.31	2.5	16.5
0.94	HQ	0.27	2.6	16.6
0.84	HQ	0.19	2.5	16.9
1.23	HQ	0.31	2.8	16.4
0.89	HQ	0.23	3.2	15.6
0.94	HQ	0.23	2.8	21.3
0.84	HQ	0.34	2.3	12.3
0.93	HQ	0.23	3	18.7
0.67	HQ	0.34	2.4	14.7
1.02	HQ	0.34	2.1	15.7
0.54	HQ	0.26	2.6	14.4
0.65	HQ	0.38	2.8	18.7
0.66	HQ	0.27	2.2	17.7
0.83	HQ	0.27	2.3	18.8
0.92	HQ	0.28	2.2	16.3
1.23	HQ	0.23	2.5	21.3
0.89	HQ	0.21	2.6	12.5
0.94	HQ	0.28	2.1	16.4
0.84	HQ	0.34	2.5	16.8
0.93	HQ	0.33	2	17.2
0.67	HQ	0.32	1.7	16.3
1.02	HQ	0.28	2.7	17.7
0.54	HQ	0.33	2.3	16.5
0.65	HQ	0.28	2.6	14.7
0.66	HQ	0.33	3.3	16.7
0.83	HQ	0.28	2.4	14.7
0.92	HQ	0.3	2	18.7
0.8	HQ	0.22	2.4	16.4
0.92	HQ	0.32	2.4	18.8
0.69	HQ	0.4	2.5	13.4
0.67	HQ	0.29	2.2	15.6
0.82	HQ	0.29	2.5	14.6
0.97	HQ	0.25	1.9	16.8
0.57	HQ	0.18	3	16.2

0.74	HQ	0.31	2.7	23.5
0.83	HQ	0.29	2.8	14.3
1.11	HQ	0.34	2.4	17.6
0.67	HQ	0.29	2.1	18.2
1.01	HQ	0.25	2.5	15.5
0.9	HQ	0.21	2.6	16.3
0.88	HQ	0.27	2.3	16.3
0.83	HQ	0.31	2.8	19.3
0.72	HQ	0.27	2.9	18.6
0.8	HQ	0.23	2.7	14.6
1.23	HQ	0.33	2.3	13.9
0.89	HQ	0.32	2.5	16.6
0.94	HQ	0.21	1.9	16.9
0.84	HQ	0.32	2.7	17.6
0.93	HQ	0.32	1.9	19.1
0.67	HQ	0.36	2.4	18.7
1.02	HQ	0.32	2.6	15.1
0.54	HQ	0.32	2.2	16.2
0.65	HQ	0.38	2.4	12.4
0.66	HQ	0.32	2.5	17.6
0.83	HQ	0.4	2.9	21.3
0.92	HQ	0.34	2.9	16.2
0.8	HQ	0.28	2.2	12.5
0.92	HQ	0.32	2.9	14.3
0.69	HQ	0.18	3.2	14.6
0.67	HQ	0.29	2.6	15.1
0.82	HQ	0.19	2.5	16.6
1.05	HQ	0.32	2.4	17.4
0.79	HQ	0.34	2.4	15.4
1.02	HQ	0.4	2.6	19.4
0.99	HQ	0.37	3.2	14.1
1.03	HQ	0.31	2.3	18.7
1.12	HQ	0.23	2.4	19.3
0.65	HQ	0.29	2.3	17.6
0.63	HQ	0.31	2.2	15.3
1.18	HQ	0.28	2.4	19.5
0.87	LQ	0.26	1.6	16.3
0.76	LQ	0.2	1.2	12.3
0.74	LQ	0.3	0.8	12.6
0.89	LQ	0.19	1.4	12.8
0.99	LQ	0.23	2.3	17.6
0.79	LQ	0.2	1.2	13.3
	LQ			
0.87	LQ	0.16	0.6	13.1
0.9	LQ	0.26	1.6	18.6
0.9	LQ	0.22	1.5	18.7
1.04	LQ	0.29	1.9	13.3
1.09	LQ	0.26	1.4	11.8
0.98	LQ	0.21	1.7	11.2
0.87	LQ	0.28	1.7	16.1
0.85	LQ	0.18	1.3	12.1
0.52	LQ	0.24	1.2	13.2
0.76	LQ	0.15	1.5	14.1

0.77	LQ	0.21	0.9	15.1
0.78	LQ	0.14	1.2	11.8
0.84	LQ	0.19	1.9	16
0.89	LQ	0.13	0.8	12.6
0.65	LQ	0.21	1	10
0.48	LQ	0.27	1.4	17.3
0.54	LQ	0.25	1.4	18.4
0.72	LQ	0.16	1.4	12.1
0.92	LQ	0.19	1.5	18.4
1.16	LQ	0.24	2.6	17.4
0.82	LQ	0.25	1.1	18.5
0.87	LQ	0.11	1.1	15.4
0.79	LQ	0.21	0.9	12.4
0.58	LQ	0.18	1.6	11.9
0.59	LQ	0.2	1.9	13
0.76	LQ	0.13	0.9	11.6
0.85	LQ	0.35	1.6	15.8
0.97	LQ	0.29	0.7	12.7
0.91	LQ	0.22	0.9	13.6
0.8	LQ	0.26	2.1	13.1
0.78	LQ	0.29	1.6	15.9
0.73	LQ	0.34	1.8	17.2
0.62	LQ	0.13	0.8	12.3
0.6	LQ	0.15	0.7	12.7
0.75	LQ	0.23	1.6	18.3
0.85	LQ	0.22	1.5	12.9
1.14	LQ	0.22	1.7	11
0.78	LQ	0.28	1.7	18.2
0.51	LQ	0.28	1.7	12.8
	LQ			
0.52	LQ	0.31	1.4	15.6
0.69	LQ	0.32	1.7	17.1
0.98	LQ	0.17	1.3	12.1
1.08	LQ	0.24	1.1	15.7
1.32	LQ	0.12	1.9	12.3
0.98	LQ	0.26	1.5	17
1.03	LQ	0.18	1.5	11.6
0.93	LQ	0.19	2	12.6
1.02	LQ	0.32	1.4	18.1
0.76	LQ	0.18	1.2	13.2
0.99	LQ	0.16	1.2	14.2
1.13	LQ	0.35	1.9	15.5
1.13	LQ	0.36	1.7	12.7
1.07	LQ	0.19	0.8	13.4
0.64	LQ	0.27	1.8	16.9
0.7	LQ	0.15	1.5	11.2
1.21	LQ	0.24	2.1	18
0.51	LQ	0.15	1.7	10.2
0.91	LQ	0.23	1.6	16.8
1.01	LQ	0.12	1	11.9
1.25	LQ	0.36	1.6	17.9
0.91	LQ	0.17	1.2	15.2
0.79	LQ	0.2	1.8	17.8

0.44	LQ	0.23	1.9	12.6
	LQ			
0.45	LQ	0.11	1.3	13.4
0.62	LQ	0.25	1.8	15.4
0.71	LQ	0.22	1.7	16.7
0.66	LQ	0.17	1.1	12.5
	LQ			
	LQ			
0.55	LQ	0.21	1.1	12.1
1.09	LQ	0.12	1.5	12.5
1.06	LQ	0.18	0.9	10.1
1.06	LQ	0.2	1.4	12.7
1	LQ	0.28	1.3	17.7
0.89	LQ	0.38	1.1	12.5
0.87	LQ	0.27	1.6	15.3
0.82	LQ	0.18	1.3	12.2
0.71	LQ	0.31	1.7	16.6
	LQ			
1	LQ	0.21	1.6	17.6
1.05	LQ	0.23	1.2	15.2
0.59	LQ	0.34	1.3	16.5
0.62	LQ	0.19	1.8	12.1
1	LQ	0.27	1.5	12.4
1.07	LQ	0.23	1.6	12.3
1.17	LQ	0.21	2	15.1
1.41	LQ	0.16	1	12.5
1.07	LQ	0.22	0.9	12
1.12	LQ	0.32	1.8	16.4
1.02	LQ	0.13	0.9	11.1
1.11	LQ	0.19	1.8	17.5
0.85	LQ	0.25	1.5	12.1
1.08	LQ	0.23	0.9	11.7
1.22	LQ	0.31	1.7	14.9
0.65	LQ	0.17	1.1	12.4
	LQ			
	LQ			
0.54	LQ	0.18	1.3	12.4
0.78	LQ	0.38	1.7	12.2
0.93	LQ	0.28	1.9	15
1.03	LQ	0.17	1.7	18.3
0.98	LQ	0.29	2	16.4
0.87	LQ	0.19	1.8	13.5
0.85	LQ	0.29	1.6	17.7
1	LQ	0.13	0.5	15.3
1.21	LQ	0.18	1	12.9
0.6	LQ	0.33	1.8	18.9
0.71	LQ	0.24	2.2	16.5
	LQ			
0.72	LQ	0.29	1.6	17.8
	LQ			
0.89	LQ	0.14	1.8	13.5
0.84	LQ	0.18	0.6	12.2
0.94	LQ	0.36	2	13.4

1.18	LQ	0.19	1.3	12.6
0.84	LQ	0.23	1.5	18.8
0.89	LQ	0.17	1.5	12.6
0.84	LQ	0.18	1.5	17.6
0.9	LQ	0.25	1.9	18.7
0.87	LQ	0.19	1.4	12.7
0.71	LQ	0.3	1.2	15.4
0.54	LQ	0.32	1.3	16.3
0.79	LQ	0.12	1.3	12.2
0.85	LQ	0.2	1.9	16.1
	LQ			
0.64	LQ	0.31	1.6	17.4
	LQ			
0.99	LQ	0.22	1.7	16.2
0.99	LQ	0.19	1.5	11.5
0.93	LQ	0.13	1.2	12
0.82	LQ	0.21	1.9	17.5
0.8	LQ	0.21	1.9	12.5
0.65	LQ	0.19	1.3	15.9
0.82	LQ	0.27	1.5	18.5
0.91	LQ	0.21	1.8	13.1
0.51	LQ	0.17	1.7	12.2
0.72	LQ	0.24	1.7	17.2
0.81	LQ	0.23	1.5	18.3
0.55	LQ	0.23	1.5	14.6
0.78	LQ	0.22	1	11.3
0.92	LQ	0.27	0.8	11.9
0.92	LQ	0.23	1.2	15.7
0.64	LQ	0.32	1.2	17.8
	LQ			
0.53	LQ	0.12	0.4	12.6
0.53	LQ	0.28	1.5	18.9
0.7	LQ	0.21	1.8	15.5
1.32	LQ	0.25	1.1	12.8
0.91	LQ	0.18	1.1	13.7
0.67	LQ	0.29	1.1	17
0.78	LQ	0.27	1.8	18.5
	LQ			
0.93	LQ	0.26	0.9	18.1
1.03	LQ	0.22	1	12.4
0.91	LQ	0.28	1.2	12.7
0.8	LQ	0.14	1.3	12.8
0.78	LQ	0.3	2.3	15.5
0.73	LQ	0.12	1.2	12.2
0.62	LQ	0.29	2.2	16.8
0.6	LQ	0.11	1.8	12.7
0.75	LQ	0.26	1.6	12.4
1.08	LQ	0.21	1.8	17.9
0.58	LQ	0.2	1.1	12.2
0.75	LQ	0.3	1.7	15.6
0.84	LQ	0.35	2	16.3
	LQ			
1.08	LQ	0.27	1.7	12.5

1.02	LQ	0.13	1	11.7
0.91	LQ	0.22	1.7	15.3
0.89	LQ	0.17	1.1	13.5
0.84	LQ	0.2	1.2	13.3
0.73	LQ	0.25	1.5	16.6
0.7	LQ	0.16	1.4	12.5
0.76	LQ	0.2	1.9	17.6
0.87	LQ	0.19	0.9	12.5
0.57	LQ	0.35	0.8	18.7
0.91	LQ	0.26	1.4	15.1
0.81	LQ	0.24	0.7	14.3
0.9	LQ	0.19	1.3	15.3
0.64	LQ	0.24	1.8	17.7
0.87	LQ	0.23	1.8	12.3
1.01	LQ	0.24	0.9	12
0.79	LQ	0.34	1.8	13.3
	LQ			
1.01	LQ	0.21	1.6	17.9
0.95	LQ	0.16	0.5	10.2
1.17	LQ	0.28	1.9	19
0.82	LQ	0.22	2.2	13.6
0.77	LQ	0.22	1.2	16.6
0.66	LQ	0.17	0.7	12.3
0.75	LQ	0.22	1.2	16.1
1.13	LQ	0.17	1.4	17.4
0.85	LQ	0.17	0.6	13
0.98	LQ	0.29	1.6	21.1
0.64	LQ	0.12	1.2	11.8
0.79	LQ	0.18	1.4	16.4
1.05	LQ	0.13	1.3	12.6
1	LQ	0.22	1.3	17.7
0.89	LQ	0.11	1.1	12.1
1.19	LQ	0.29	1.4	12.8
0.91	LQ	0.21	1.4	15.5
0.8	LQ	0.27	2.1	16.2
0.78	LQ	0.21	1.2	17.5
0.73	LQ	0.21	1.4	11.2
0.62	LQ	0.16	1.8	10.4
0.6	LQ	0.32	1.9	18.8
0.75	LQ	0.18	1.6	12.8
0.79	LQ	0.34	2.5	19.3
1.14	LQ	0.3	2	15.9
0.76	LQ	0.26	1.5	17.2
	LQ			
1.1	LQ	0.19	1.7	18.6
0.76	LQ	0.12	1.1	12.7
0.81	LQ	0.18	1.9	13.2
0.71	LQ	0.2	1.2	13.6
0.8	LQ	0.18	1.2	10.2
0.54	LQ	0.36	1.3	16
0.9	LQ	0.13	1.3	19.4
0.65	LQ	0.12	1	12.3
1.28	LQ	0.15	1.6	18.3

0.7	LQ	0.13	1.6	12
0.71	LQ	0.13	1.3	11.4
	LQ			
0.98	LQ	0.19	2.3	15.7
0.87	LQ	0.18	1.6	12.3
0.96	LQ	0.28	1.8	18.4
0.7	LQ	0.14	1.2	12.7
0.93	LQ	0.37	1.7	14.7
1.07	LQ	0.28	1.6	12.3
1.07	LQ	0.29	1.9	17.3
0.68	LQ	0.29	1.3	17
0.69	LQ	0.35	1.8	18.1
1.21	LQ	0.21	2.1	12.7
	LQ			
0.7	LQ	0.24	1	15.8
0.85	LQ	0.27	1.4	17.1
0.95	LQ	0.2	2	18.2
1.19	LQ	0.16	1.6	12.6
0.85	LQ	0.16	0.7	11.6
0.9	LQ	0.16	1.1	12.1
1.07	LQ	0.17	2	15.5
0.63	LQ	0.25	1.6	16.8
0.71	LQ	0.12	0.8	18.6
	LQ			
0.8	LQ	0.14	2.4	19.3
0.89	LQ	0.12	0.7	13.4
0.63	LQ	0.16	1.5	13.2
0.86	LQ	0.28	1.7	15.6
1.21	LQ	0.16	1.3	16.9
1.13	LQ	0.18	0.9	14.2
0.94	LQ	0.23	1.4	18
	LQ			
1.04	LQ	0.13	0.8	15.2
1.09	LQ	0.15	1.1	11.9
0.98	LQ	0.3	2	15.4
0.87	LQ	0.24	1.2	12.6
0.85	LQ	0.13	1.2	10.1
0.52	LQ	0.17	1.6	12.2
0.76	LQ	0.22	1.7	12.4
0.77	LQ	0.19	1.4	11.7
0.78	LQ	0.13	1.3	12
0.84	LQ	0.11	1.1	12.7
0.89	LQ	0.24	1	16.7
0.65	LQ	0.14	1.9	12.5
0.48	LQ	0.3	1.1	17.8
0.54	LQ	0.14	1.6	11.1
0.72	LQ	0.13	0.9	10.2
0.92	LQ	0.22	1.7	10.1
1.16	LQ	0.25	0.9	15.2
0.82	LQ	0.22	2	16.7
0.87	LQ	0.11	1.1	12.6
0.79	LQ	0.2	1.8	13.7
0.58	LQ	0.35	1.3	16.5

0.59	LQ	0.15	1.8	12.2
0.76	LQ	0.19	1.1	10.2
0.85	LQ	0.26	1.8	18
0.97	LQ	0.23	2.1	19.1