

<b>Output / Desired</b>	<i>Male</i>	<i>Female</i>
<i>Male</i>	65.0000	0.0000
<i>Female</i>	1.0000	54.0000

<b><i>Performance</i></b>	<b><i>Male</i></b>	<b><i>Female</i></b>
MSE	0.0112	0.0113
NMSE	0.0452	0.0455
MAE	0.0502	0.0504
Min Abs Error	0.0000	0.0000
Max Abs Error	0.5533	0.5563
r	0.9791	0.9789
Percent Correct	98.4848	100.0000

*Created Data Sheets*

Crab Data Randomized

Specimen #	Species	Frontal Lip	Rear Width	Length	Width	Depth	Male	Female
142	0	20.6	14.4	42.8	46.5	19.6	1	0
19	1	13.3	11.1	27.8	32.3	11.3	1	0
169	0	16.7	14.3	32.3	37	14.7	0	1
56	1	9.8	8.9	20.4	23.9	8.8	0	1
164	0	15.6	14.1	31	34.5	13.8	0	1
53	1	9.1	8.1	18.5	21.6	7.7	0	1
113	0	14.1	10.5	29.1	31.6	13.1	1	0
7	1	11.1	9.9	23.8	27.1	9.8	1	0
73	1	12.8	12.2	27.9	31.9	11.5	0	1
187	0	19.9	16.6	39.4	43.9	17.9	0	1
173	0	17.5	14.7	33.3	37.6	14.6	0	1
190	0	20.1	17.2	39.8	44.1	18.6	0	1
188	0	19.9	17.9	40.1	46.4	17.9	0	1
50	1	21.3	15.7	47.1	54.6	20	1	0
34	1	16.4	13	35.7	41.8	15.2	1	0
186	0	19.7	16.7	39.9	43.6	18.2	0	1
72	1	12.8	12.2	26.7	31.1	11.1	0	1
111	0	14	11.5	29.2	32.2	13.1	1	0
127	0	17.4	12.8	36.1	39.5	16.2	1	0
102	0	10.2	8.2	20.2	22.2	9	1	0
28	1	15.7	12.6	35.8	40.3	14.5	1	0
83	1	15	14.2	32.8	37.4	14	0	1
138	0	18.8	13.8	39.2	43.3	17.9	1	0
174	0	17.6	14	34	38.6	15.5	0	1
122	0	15.4	11.1	30.2	33.6	13.5	1	0
62	1	11.2	10	22.8	26.9	9.4	0	1
175	0	18	14.9	34.7	39.5	15.7	0	1
38	1	17.1	12.6	36.4	42	15.1	1	0
52	1	9	8.5	19.3	22.7	7.7	0	1
183	0	18.9	16.7	36.3	41.7	15.3	0	1
59	1	10.4	9.7	21.7	25.4	8.3	0	1
110	0	13.7	11	27.5	30.5	12.2	1	0
140	0	19.4	14.4	39.8	44.3	17.9	1	0
35	1	16.6	13.5	38.1	43.4	14.9	1	0
11	1	12.2	10.8	27.3	31.6	10.9	1	0
94	1	15.8	15	34.5	40.3	15.3	0	1
116	0	14.2	10.7	27.8	30.9	12.7	1	0
68	1	12	10.7	24.6	28.9	10.5	0	1
158	0	14.3	12.2	28.1	31.8	12.5	0	1
1	1	8.1	6.7	16.1	19	7	1	0
17	1	13.1	10.6	28.2	32.3	11	1	0
109	0	13.4	10.1	26.6	29.6	12	1	0
67	1	11.9	11.4	26	30.1	10.9	0	1
131	0	17.9	12.9	36.9	40.9	16.5	1	0
54	1	9.1	8.2	19.2	22.2	7.7	0	1
170	0	17.1	14.5	33.1	37.2	14.6	0	1
32	1	16.2	13.3	36	41.7	15.4	1	0
55	1	9.5	8.2	19.6	22.4	7.8	0	1

Crab Data Randomized

118	0	14.6	11.3	29.9	33.5	12.8	1	0
152	0	11.4	9.2	21.7	24.1	9.7	0	1
108	0	13.2	11	27.1	30.4	12.2	1	0
129	0	17.5	12.7	34.6	38.4	16.1	1	0
106	0	12.5	9.4	24.2	27	11.2	1	0
134	0	18.4	13.4	37.9	42.2	17.7	1	0
96	1	16.4	14	34.2	39.8	15.2	0	1
123	0	15.7	12.2	31.7	34.2	14.2	1	0
115	0	14.2	10.6	28.7	31.7	12.9	1	0
65	1	11.6	11.4	23.7	27.7	10	0	1
45	1	19.3	13.5	41.6	47.4	17.8	1	0
5	1	9.8	8	20.3	23	8.2	1	0
77	1	13.4	11.8	28.4	32.7	11.7	0	1
100	1	19.2	16.5	40.9	47.9	18.1	0	1
89	1	15.4	13.3	32.4	37.6	13.8	0	1
39	1	17.1	12.7	36.7	41.9	15.6	1	0
165	0	15.7	13.6	31	34.8	13.8	0	1
41	1	17.7	13.6	38.7	44.5	16	1	0
120	0	15.1	11.4	30.2	33.3	14	1	0
14	1	12.8	10.2	27.2	31.8	10.9	1	0
154	0	12.6	11.5	25	28.1	11.5	0	1
150	0	23.1	15.7	47.6	52.8	21.6	1	0
21	1	14.3	11.6	31.3	35.5	12.7	1	0
198	0	21.9	17.2	42.6	47.4	19.5	0	1
125	0	16.3	11.6	31.6	34.2	14.5	1	0
87	1	15.2	14.3	33.9	38.5	14.7	0	1
18	1	13.1	10.9	28.3	32.4	11.2	1	0
85	1	15.1	13.5	31.9	37	13.8	0	1
179	0	18.4	15.7	36.5	41.6	16.4	0	1
155	0	12.9	11.2	25.8	29.1	11.9	0	1
132	0	18	13.4	36.7	41.3	17.1	1	0
61	1	11	9.8	22.5	25.7	8.2	0	1
79	1	13.9	13	30	34.9	13.1	0	1
196	0	21.4	18	41.2	46.2	18.7	0	1
143	0	21	15	42.9	47.2	19.4	1	0
176	0	18	16.3	37.9	43	17.2	0	1
47	1	19.7	15.3	41.9	48.5	17.8	1	0
74	1	13	11.4	27.3	31.8	11.3	0	1
119	0	14.7	11.1	29	32.1	13.1	1	0
36	1	16.8	12.8	36.2	41.8	14.9	1	0
135	0	18.6	13.4	37.8	41.9	17.3	1	0
192	0	20.5	17.5	40	45.5	19.2	0	1
16	1	12.9	11	26.8	30.9	11.4	1	0
15	1	12.8	10.9	27.4	31.5	11	1	0
25	1	15	11.9	32.5	37.2	13.6	1	0
57	1	10.1	9.3	20.9	24.4	8.4	0	1
58	1	10.3	9.5	21.3	24.7	8.9	0	1
33	1	16.3	12.7	35.6	40.9	14.9	1	0
76	1	13.2	12.2	27.9	32.1	11.5	0	1
181	0	18.6	14.5	34.7	39.4	15	0	1

# Crab Data Randomized

48	1	19.8	14.2	43.2	49.7	18.6	1	0
4	1	9.6	7.9	20.1	23.1	8.2	1	0
200	0	23.1	20.2	46.2	52.5	21.1	0	1
137	0	18.8	13.4	37.2	41.1	17.5	1	0
114	0	14.1	10.7	28.7	31.9	13.3	1	0
63	1	11.5	11	24.7	29.2	10.1	0	1
139	0	19.4	14.1	39.1	43.2	17.8	1	0
124	0	16.2	11.8	32.3	35.3	14.7	1	0
117	0	14.2	11.3	29.2	32.2	13.5	1	0
13	1	12.6	10	27.7	31.7	11.4	1	0
9	1	11.8	9.6	24.2	27.8	9.7	1	0
191	0	20.3	16	39.4	44.1	18	0	1
42	1	17.9	14.1	39.7	44.6	16.8	1	0
149	0	23	16.8	47.2	52.1	21.5	1	0
40	1	17.2	13.5	37.6	43.9	16.1	1	0
22	1	14.6	11.3	31.9	36.4	13.7	1	0
26	1	15.2	12.1	32.3	36.7	13.6	1	0
37	1	16.9	13.2	37.3	42.7	15.6	1	0
90	1	15.5	13.8	33.4	38.7	14.7	0	1
180	0	18.5	14.6	37	42	16.6	0	1
159	0	14.7	13.2	29.6	33.4	12.9	0	1
29	1	15.9	12.7	34	38.9	14.2	1	0
82	1	15	13.8	31.7	36.9	14	0	1
177	0	18.3	15.7	35.1	40.5	16.1	0	1
121	0	15.1	11.5	30.9	34	13.9	1	0
78	1	13.7	12.5	28.6	33.8	11.9	0	1
185	0	19.1	16.3	37.9	42.6	17.2	0	1
193	0	20.6	17.5	41.5	46.2	19.2	0	1
195	0	21.3	18.4	43.8	48.4	20	0	1
103	0	10.7	8.6	20.7	22.7	9.2	1	0
128	0	17.5	12	34.4	37.3	15.3	1	0
75	1	13.1	11.5	27.6	32.6	11.1	0	1
44	1	18.8	15.8	42.1	49	17.8	1	0
184	0	19.1	16	37.8	42.3	16.8	0	1
107	0	12.7	10.4	26	28.8	12.1	1	0
171	0	17.5	14.3	34.5	39.6	15.6	0	1
156	0	14	11.9	27	31.4	12.6	0	1
189	0	20	16.7	40.4	45.1	17.7	0	1
93	1	15.7	13.9	33.6	38.5	14.1	0	1
136	0	18.6	13.5	36.9	40.2	17	1	0
80	1	14.7	12.5	30.1	34.7	12.5	0	1
167	0	16.1	13.7	31.4	36.1	13.9	0	1
168	0	16.2	14	31.6	35.6	13.7	0	1
178	0	18.4	15.5	35.6	40	15.9	0	1
46	1	19.3	13.8	40.9	46.5	16.8	1	0
49	1	19.8	14.3	42.4	48.9	18.3	1	0
24	1	15	11.5	32.4	37	13.4	1	0
151	0	10.7	9.7	21.4	24	9.8	0	1
51	1	7.2	6.5	14.7	17.1	6.1	0	1
144	0	21.5	15.5	45.5	49.7	20.9	1	0

# Crab Data Randomized

172	0	17.5	14.4	34.5	39	16	0	1
126	0	17.1	12.6	35	38.9	15.7	1	0
182	0	18.8	15.2	35.8	40.5	16.6	0	1
98	1	17.4	16.9	38.2	44.1	16.6	0	1
105	0	12.5	9.4	23.2	26	10.8	1	0
99	1	17.5	16.7	38.6	44.5	17	0	1
197	0	21.7	17.1	41.7	47.2	19.6	0	1
194	0	20.9	16.5	39.9	44.7	17.5	0	1
70	1	12.6	12.2	26.1	31.6	11.2	0	1
166	0	16.1	13.6	31.6	36	14	0	1
157	0	14	12.8	28.8	32.4	12.7	0	1
92	1	15.6	14.7	33.9	39.5	14.3	0	1
43	1	18	13.7	39.2	44.4	16.2	1	0
147	0	21.9	15.7	45.4	51	21.1	1	0
153	0	12.5	10	24.1	27	10.9	0	1
3	1	9.2	7.8	19	22.4	7.7	1	0
64	1	11.6	11	24.6	28.5	10.4	0	1
91	1	15.6	13.9	32.8	37.9	13.4	0	1
101	0	9.1	6.9	16.7	18.6	7.4	1	0
145	0	21.6	15.4	45.7	49.7	20.6	1	0
20	1	13.9	11.1	29.2	33.3	12.1	1	0
66	1	11.7	10.6	24.9	28.5	10.4	0	1
104	0	11.4	9	22.7	24.8	10.1	1	0
27	1	15.4	11.8	33	37.5	13.6	1	0
81	1	14.9	13.2	30.1	35.6	12	0	1
6	1	10.8	9	23	26.5	9.8	1	0
86	1	15.1	13.8	31.7	36.6	13	0	1
146	0	21.6	14.8	43.4	48.2	20.1	1	0
8	1	11.6	9.1	24.5	28.4	10.4	1	0
112	0	14.1	10.4	28.9	31.8	13.5	1	0
130	0	17.8	12.5	36	39.8	16.7	1	0
97	1	16.7	16.1	36.6	41.9	15.4	0	1
60	1	10.8	9.5	22.5	26.3	9.1	0	1
84	1	15.1	13.3	31.8	36.3	13.5	0	1
23	1	15	10.9	31.4	36.4	13.2	1	0
30	1	16.1	11.6	33.8	39	14.4	1	0
88	1	15.3	14.2	32.6	38.3	13.8	0	1
161	0	15	12.3	30.1	33.3	14	0	1
71	1	12.8	11.7	27.1	31.2	11.9	0	1
31	1	16.1	12.8	34.9	40.7	15.7	1	0
160	0	14.9	13	30	33.7	13.3	0	1
10	1	11.8	10.5	25.2	29.3	10.3	1	0
162	0	15.6	13.5	31.2	35.1	14.1	0	1
133	0	18.2	13.7	38.8	42.7	17.2	1	0
141	0	20.1	13.7	40.6	44.5	18	1	0
148	0	22.1	15.8	44.6	49.6	20.5	1	0
199	0	22.5	17.2	43	48.7	19.8	0	1
12	1	12.3	11	26.8	31.5	11.4	1	0
69	1	12	11.1	25.4	29.2	11	0	1
2	1	8.8	7.7	18.1	20.8	7.4	1	0

Crab Data Randomized

95	1	16.2	15.2	34.5	40.1	13.9	0	1
163	0	15.6	14	31.6	35.3	13.8	0	1

# Crab Data

Specimen #	Species	Frontal Lip	Rear Width	Length	Width	Depth	Male	Female
1	1	8.1	6.7	16.1	19	7	1	0
2	1	8.8	7.7	18.1	20.8	7.4	1	0
3	1	9.2	7.8	19	22.4	7.7	1	0
4	1	9.6	7.9	20.1	23.1	8.2	1	0
5	1	9.8	8	20.3	23	8.2	1	0
6	1	10.8	9	23	26.5	9.8	1	0
7	1	11.1	9.9	23.8	27.1	9.8	1	0
8	1	11.6	9.1	24.5	28.4	10.4	1	0
9	1	11.8	9.6	24.2	27.8	9.7	1	0
10	1	11.8	10.5	25.2	29.3	10.3	1	0
11	1	12.2	10.8	27.3	31.6	10.9	1	0
12	1	12.3	11	26.8	31.5	11.4	1	0
13	1	12.6	10	27.7	31.7	11.4	1	0
14	1	12.8	10.2	27.2	31.8	10.9	1	0
15	1	12.8	10.9	27.4	31.5	11	1	0
16	1	12.9	11	26.8	30.9	11.4	1	0
17	1	13.1	10.6	28.2	32.3	11	1	0
18	1	13.1	10.9	28.3	32.4	11.2	1	0
19	1	13.3	11.1	27.8	32.3	11.3	1	0
20	1	13.9	11.1	29.2	33.3	12.1	1	0
21	1	14.3	11.6	31.3	35.5	12.7	1	0
22	1	14.6	11.3	31.9	36.4	13.7	1	0
23	1	15	10.9	31.4	36.4	13.2	1	0
24	1	15	11.5	32.4	37	13.4	1	0
25	1	15	11.9	32.5	37.2	13.6	1	0
26	1	15.2	12.1	32.3	36.7	13.6	1	0
27	1	15.4	11.8	33	37.5	13.6	1	0
28	1	15.7	12.6	35.8	40.3	14.5	1	0
29	1	15.9	12.7	34	38.9	14.2	1	0
30	1	16.1	11.6	33.8	39	14.4	1	0
31	1	16.1	12.8	34.9	40.7	15.7	1	0
32	1	16.2	13.3	36	41.7	15.4	1	0
33	1	16.3	12.7	35.6	40.9	14.9	1	0
34	1	16.4	13	35.7	41.8	15.2	1	0
35	1	16.6	13.5	38.1	43.4	14.9	1	0
36	1	16.8	12.8	36.2	41.8	14.9	1	0
37	1	16.9	13.2	37.3	42.7	15.6	1	0
38	1	17.1	12.6	36.4	42	15.1	1	0
39	1	17.1	12.7	36.7	41.9	15.6	1	0
40	1	17.2	13.5	37.6	43.9	16.1	1	0
41	1	17.7	13.6	38.7	44.5	16	1	0
42	1	17.9	14.1	39.7	44.6	16.8	1	0
43	1	18	13.7	39.2	44.4	16.2	1	0
44	1	18.8	15.8	42.1	49	17.8	1	0
45	1	19.3	13.5	41.6	47.4	17.8	1	0
46	1	19.3	13.8	40.9	46.5	16.8	1	0
47	1	19.7	15.3	41.9	48.5	17.8	1	0
48	1	19.8	14.2	43.2	49.7	18.6	1	0
49	1	19.8	14.3	42.4	48.9	18.3	1	0



# Crab Data

50	1	21.3	15.7	47.1	54.6	20	1	0
51	1	7.2	6.5	14.7	17.1	6.1	0	1
52	1	9	8.5	19.3	22.7	7.7	0	1
53	1	9.1	8.1	18.5	21.6	7.7	0	1
54	1	9.1	8.2	19.2	22.2	7.7	0	1
55	1	9.5	8.2	19.6	22.4	7.8	0	1
56	1	9.8	8.9	20.4	23.9	8.8	0	1
57	1	10.1	9.3	20.9	24.4	8.4	0	1
58	1	10.3	9.5	21.3	24.7	8.9	0	1
59	1	10.4	9.7	21.7	25.4	8.3	0	1
60	1	10.8	9.5	22.5	26.3	9.1	0	1
61	1	11	9.8	22.5	25.7	8.2	0	1
62	1	11.2	10	22.8	26.9	9.4	0	1
63	1	11.5	11	24.7	29.2	10.1	0	1
64	1	11.6	11	24.6	28.5	10.4	0	1
65	1	11.6	11.4	23.7	27.7	10	0	1
66	1	11.7	10.6	24.9	28.5	10.4	0	1
67	1	11.9	11.4	26	30.1	10.9	0	1
68	1	12	10.7	24.6	28.9	10.5	0	1
69	1	12	11.1	25.4	29.2	11	0	1
70	1	12.6	12.2	26.1	31.6	11.2	0	1
71	1	12.8	11.7	27.1	31.2	11.9	0	1
72	1	12.8	12.2	26.7	31.1	11.1	0	1
73	1	12.8	12.2	27.9	31.9	11.5	0	1
74	1	13	11.4	27.3	31.8	11.3	0	1
75	1	13.1	11.5	27.6	32.6	11.1	0	1
76	1	13.2	12.2	27.9	32.1	11.5	0	1
77	1	13.4	11.8	28.4	32.7	11.7	0	1
78	1	13.7	12.5	28.6	33.8	11.9	0	1
79	1	13.9	13	30	34.9	13.1	0	1
80	1	14.7	12.5	30.1	34.7	12.5	0	1
81	1	14.9	13.2	30.1	35.6	12	0	1
82	1	15	13.8	31.7	36.9	14	0	1
83	1	15	14.2	32.8	37.4	14	0	1
84	1	15.1	13.3	31.8	36.3	13.5	0	1
85	1	15.1	13.5	31.9	37	13.8	0	1
86	1	15.1	13.8	31.7	36.6	13	0	1
87	1	15.2	14.3	33.9	38.5	14.7	0	1
88	1	15.3	14.2	32.6	38.3	13.8	0	1
89	1	15.4	13.3	32.4	37.6	13.8	0	1
90	1	15.5	13.8	33.4	38.7	14.7	0	1
91	1	15.6	13.9	32.8	37.9	13.4	0	1
92	1	15.6	14.7	33.9	39.5	14.3	0	1
93	1	15.7	13.9	33.6	38.5	14.1	0	1
94	1	15.8	15	34.5	40.3	15.3	0	1
95	1	16.2	15.2	34.5	40.1	13.9	0	1
96	1	16.4	14	34.2	39.8	15.2	0	1
97	1	16.7	16.1	36.6	41.9	15.4	0	1
98	1	17.4	16.9	38.2	44.1	16.6	0	1
99	1	17.5	16.7	38.6	44.5	17	0	1

Crab Data

100	1	19.2	16.5	40.9	47.9	18.1	0	1
101	0	9.1	6.9	16.7	18.6	7.4	1	0
102	0	10.2	8.2	20.2	22.2	9	1	0
103	0	10.7	8.6	20.7	22.7	9.2	1	0
104	0	11.4	9	22.7	24.8	10.1	1	0
105	0	12.5	9.4	23.2	26	10.8	1	0
106	0	12.5	9.4	24.2	27	11.2	1	0
107	0	12.7	10.4	26	28.8	12.1	1	0
108	0	13.2	11	27.1	30.4	12.2	1	0
109	0	13.4	10.1	26.6	29.6	12	1	0
110	0	13.7	11	27.5	30.5	12.2	1	0
111	0	14	11.5	29.2	32.2	13.1	1	0
112	0	14.1	10.4	28.9	31.8	13.5	1	0
113	0	14.1	10.5	29.1	31.6	13.1	1	0
114	0	14.1	10.7	28.7	31.9	13.3	1	0
115	0	14.2	10.6	28.7	31.7	12.9	1	0
116	0	14.2	10.7	27.8	30.9	12.7	1	0
117	0	14.2	11.3	29.2	32.2	13.5	1	0
118	0	14.6	11.3	29.9	33.5	12.8	1	0
119	0	14.7	11.1	29	32.1	13.1	1	0
120	0	15.1	11.4	30.2	33.3	14	1	0
121	0	15.1	11.5	30.9	34	13.9	1	0
122	0	15.4	11.1	30.2	33.6	13.5	1	0
123	0	15.7	12.2	31.7	34.2	14.2	1	0
124	0	16.2	11.8	32.3	35.3	14.7	1	0
125	0	16.3	11.6	31.6	34.2	14.5	1	0
126	0	17.1	12.6	35	38.9	15.7	1	0
127	0	17.4	12.8	36.1	39.5	16.2	1	0
128	0	17.5	12	34.4	37.3	15.3	1	0
129	0	17.5	12.7	34.6	38.4	16.1	1	0
130	0	17.8	12.5	36	39.8	16.7	1	0
131	0	17.9	12.9	36.9	40.9	16.5	1	0
132	0	18	13.4	36.7	41.3	17.1	1	0
133	0	18.2	13.7	38.8	42.7	17.2	1	0
134	0	18.4	13.4	37.9	42.2	17.7	1	0
135	0	18.6	13.4	37.8	41.9	17.3	1	0
136	0	18.6	13.5	36.9	40.2	17	1	0
137	0	18.8	13.4	37.2	41.1	17.5	1	0
138	0	18.8	13.8	39.2	43.3	17.9	1	0
139	0	19.4	14.1	39.1	43.2	17.8	1	0
140	0	19.4	14.4	39.8	44.3	17.9	1	0
141	0	20.1	13.7	40.6	44.5	18	1	0
142	0	20.6	14.4	42.8	46.5	19.6	1	0
143	0	21	15	42.9	47.2	19.4	1	0
144	0	21.5	15.5	45.5	49.7	20.9	1	0
145	0	21.6	15.4	45.7	49.7	20.6	1	0
146	0	21.6	14.8	43.4	48.2	20.1	1	0
147	0	21.9	15.7	45.4	51	21.1	1	0
148	0	22.1	15.8	44.6	49.6	20.5	1	0
149	0	23	16.8	47.2	52.1	21.5	1	0

Crab Data

150	0	23.1	15.7	47.6	52.8	21.6	1	0
151	0	10.7	9.7	21.4	24	9.8	0	1
152	0	11.4	9.2	21.7	24.1	9.7	0	1
153	0	12.5	10	24.1	27	10.9	0	1
154	0	12.6	11.5	25	28.1	11.5	0	1
155	0	12.9	11.2	25.8	29.1	11.9	0	1
156	0	14	11.9	27	31.4	12.6	0	1
157	0	14	12.8	28.8	32.4	12.7	0	1
158	0	14.3	12.2	28.1	31.8	12.5	0	1
159	0	14.7	13.2	29.6	33.4	12.9	0	1
160	0	14.9	13	30	33.7	13.3	0	1
161	0	15	12.3	30.1	33.3	14	0	1
162	0	15.6	13.5	31.2	35.1	14.1	0	1
163	0	15.6	14	31.6	35.3	13.8	0	1
164	0	15.6	14.1	31	34.5	13.8	0	1
165	0	15.7	13.6	31	34.8	13.8	0	1
166	0	16.1	13.6	31.6	36	14	0	1
167	0	16.1	13.7	31.4	36.1	13.9	0	1
168	0	16.2	14	31.6	35.6	13.7	0	1
169	0	16.7	14.3	32.3	37	14.7	0	1
170	0	17.1	14.5	33.1	37.2	14.6	0	1
171	0	17.5	14.3	34.5	39.6	15.6	0	1
172	0	17.5	14.4	34.5	39	16	0	1
173	0	17.5	14.7	33.3	37.6	14.6	0	1
174	0	17.6	14	34	38.6	15.5	0	1
175	0	18	14.9	34.7	39.5	15.7	0	1
176	0	18	16.3	37.9	43	17.2	0	1
177	0	18.3	15.7	35.1	40.5	16.1	0	1
178	0	18.4	15.5	35.6	40	15.9	0	1
179	0	18.4	15.7	36.5	41.6	16.4	0	1
180	0	18.5	14.6	37	42	16.6	0	1
181	0	18.6	14.5	34.7	39.4	15	0	1
182	0	18.8	15.2	35.8	40.5	16.6	0	1
183	0	18.9	16.7	36.3	41.7	15.3	0	1
184	0	19.1	16	37.8	42.3	16.8	0	1
185	0	19.1	16.3	37.9	42.6	17.2	0	1
186	0	19.7	16.7	39.9	43.6	18.2	0	1
187	0	19.9	16.6	39.4	43.9	17.9	0	1
188	0	19.9	17.9	40.1	46.4	17.9	0	1
189	0	20	16.7	40.4	45.1	17.7	0	1
190	0	20.1	17.2	39.8	44.1	18.6	0	1
191	0	20.3	16	39.4	44.1	18	0	1
192	0	20.5	17.5	40	45.5	19.2	0	1
193	0	20.6	17.5	41.5	46.2	19.2	0	1
194	0	20.9	16.5	39.9	44.7	17.5	0	1
195	0	21.3	18.4	43.8	48.4	20	0	1
196	0	21.4	18	41.2	46.2	18.7	0	1
197	0	21.7	17.1	41.7	47.2	19.6	0	1
198	0	21.9	17.2	42.6	47.4	19.5	0	1
199	0	22.5	17.2	43	48.7	19.8	0	1

Crab Data

200	0	23.1	20.2	46.2	52.5	21.1	0	1
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