

SI Table 3. Decision sequence

Day	Strategy	Catch Rate
2	stay	5
3	imitate	4
4	stay	3
5	stay	2
6	stay	2
7	imitate	5
8	stay	3
9	imitate	2
10	stay	5
11	stay	5
12	stay	5
13	stay	3
14	imitate	3
15	stay	2
16	explore	5
17	imitate	1
18	explore	5
19	imitate	5
20	stay	1
21	stay	4
22	stay	5
23	explore	5
24	stay	5
25	stay	5
26	stay	5
27	stay	5
28	stay	4
29	stay	4

Day	Strategy	Catch Rate
30	imitate	1
31	explore	5
32	stay	5
33	stay	5
34	imitate	0
35	explore	3
36	stay	5
37	stay	2
38	stay	5
39	stay	5
40	stay	5
41	stay	5
42	stay	5
43	stay	5
44	stay	2
45	stay	3
46	stay	5
47	stay	5
48	stay	1
49	explore	3
50	stay	2
51	explore	1
52	explore	0
53	stay	0
54	explore	5
55	stay	4
56	stay	5
57	stay	5

Day	Strategy	Catch Rate
58	stay	5
59	stay	4
60	imitate	2
61	explore	1
62	explore	5
63	stay	3
64	explore	0
65	stay	5
66	stay	5
67	stay	5
68	stay	5
69	stay	1
70	stay	5
71	stay	5
72	stay	5
73	stay	4
74	stay	3
75	stay	5
76	stay	3
77	stay	3
78	stay	3
79	stay	5
80	stay	3
81	explore	0
82	stay	2
83	stay	5
84	stay	4
85	stay	2

Day	Strategy	Catch Rate
86	explore	2
87	stay	3
88	stay	4
89	stay	2
90	stay	2
91	stay	2
92	explore	0
93	stay	1
94	explore	5
95	stay	5
96	stay	1
97	stay	5
98	stay	2
99	stay	1
100	stay	1
101	stay	2
102	stay	1
103	stay	5
104	stay	1
105	explore	5
106	stay	5
107	stay	5
108	stay	5
109	stay	4
110	stay	5
111	stay	5

Day	Strategy	Catch Rate
112	stay	5
113	stay	5
114	stay	5
115	stay	5
116	stay	5
117	stay	5
118	stay	4
119	imitate	0
120	stay	2
121	stay	0
122	stay	1
123	stay	2
124	explore	0
125	explore	0
126	stay	1
127	explore	5
128	stay	4
129	stay	3
130	explore	1
131	explore	0
132	explore	0
133	stay	0
134	stay	0
135	explore	0
136	stay	0
137	stay	0

Day	Strategy	Catch Rate
138	explore	0
139	explore	0
140	stay	2
141	stay	2
142	stay	0
143	explore	2
144	stay	1
145	explore	1
146	stay	2
147	stay	1
148	explore	1
149	stay	1
150	explore	3
151	stay	1
152	stay	1
153	stay	1
154	stay	1
155	stay	1
156	explore	0
157	stay	5
158	stay	4
159	stay	3
160	explore	5
161	stay	5
162	stay	5
163	stay	5

Day	Strategy	Catch Rate
164	stay	5
165	stay	5
166	stay	5
167	stay	5
168	stay	3
169	stay	3
170	stay	4
171	stay	5
172	stay	5
173	stay	5
174	stay	5
175	stay	3
176	stay	2
177	explore	0
178	explore	0
179	stay	3
180	stay	2
181	explore	0
182	stay	0
183	stay	0
184	stay	0
185	stay	0
186	stay	0
187	stay	0
188	stay	0
189	stay	0

Day	Strategy	Catch Rate
190	explore	0
191	stay	0
192	stay	1
193	stay	0
194	explore	5
195	stay	0
196	explore	0
197	stay	0
198	explore	0
199	explore	0
200	stay	0
201	explore	5
202	stay	3
203	explore	0
204	stay	0
205	stay	0
206	explore	0
207	stay	0
208	stay	0
209	stay	2
210	stay	3
211	stay	0
212	stay	0
213	stay	0
214	stay	0
215	stay	0

Day	Strategy	Catch Rate
216	explore	0
217	stay	0
218	imitate	5
219	stay	2
220	explore	2
221	stay	1
222	imitate	2
223	stay	1
224	stay	3
225	stay	2
226	stay	3
227	stay	2
228	stay	1
229	stay	1
230	stay	1
231	stay	0
232	stay	0
233	stay	0
234	stay	0
235	stay	0
236	explore	0
237	stay	0
238	imitate	5
239	stay	1
240	stay	5