Supplementary Material

Appendix S1. Pairwise comparisons of estimated mean differences between rounds for each response variable. Significant differences, determined using Bonferroni-corrected p-values, are highlighted in bold. Blue shading indicates that the first predictor is significantly smaller than the second predictor, while orange shading indicates the opposite. The corresponding data are graphically presented in Figure 4 of the manuscript.

Response	Contrast	Statistic	SE	Z ratio	P value
	round7 / round6	0.189	0.119	-2.640	0.174
	round7 / round5	0.214	0.144	-2.298	0.452
	round7 / round4	0.125	0.081	-3.211	0.028
	round7 / round3	0.016	0.017	-3.781	0.003
	round7 / round2	0.300	0.207	-1.742	1.000
	round7 / round1	0.089	0.061	-3.550	0.008
	round6 / round5	1.131	0.792	0.176	1.000
	round6 / round4	0.660	0.448	-0.613	1.000
	round6 / round3	0.083	0.093	-2.226	0.546
	round6 / round2	1.583	1.141	0.638	1.000
present in area,	round6 / round1	0.469	0.334	-1.064	1.000
approaching out	round5 / round4	0.583	0.418	-0.752	1.000
	round5 / round3	0.074	0.084	-2.289	0.463
	round5 / round2	1.400	1.058	0.445	1.000
	round5 / round1	0.415	0.310	-1.177	1.000
	round4 / round3	0.126	0.142	-1.837	1.000
	round4 / round2	2.400	1.766	1.190	1.000
	round4 / round1	0.711	0.517	-0.469	1.000
	round3 / round2	19.000	21.881	2.557	0.222
	round3 / round1	5.630	6.452	1.508	1.000
	round2 / round1	0.296	0.227	-1.588	1.000
	round6 / round5	1.375	0.974	0.450	1.000
	round6 / round4	0.458	0.303	-1.179	1.000
	round6 / round3	0.802	0.460	-0.384	1.000
	round6 / round2	3.208	2.669	1.401	1.000
	round6 / round1	2.750	1.701	1.635	1.000
	round5 / round4	0.333	0.238	-1.541	1.000
	round5 / round3	0.583	0.368	-0.853	1.000
bite	round5 / round2	2.333	2.037	0.971	1.000
	round5 / round1	2.000	1.345	1.031	1.000
	round4 / round3	1.750	1.013	0.966	1.000
	round4 / round2	7.000	5.850	2.328	0.298
	round4 / round1	6.000	3.742	2.873	0.061
	round3 / round2	4.000	3.071	1.806	1.000
	round3 / round1	3.429	1.813	2.330	0.297
	round2 / round1	0.857	0.687	-0.192	1.000
	round7 / round6	0.317	0.293	-1.242	1.000
a	round7 / round5	0.286	0.275	-1.300	1.000
bait in mouth	round7 / round4	0.338	0.304	-1.206	1.000
	round7 / round3	0.317	0.275	-1.326	1.000

round7 / round2 0.122 0.130 -1.985 0.990 round7 / round1 0.308 0.274 -1.325 1.000 round6 / round4 0.064 -0.655 0.100 1.000 round6 / round3 1.000 0.563 0.001 1.000 round6 / round4 1.064 0.655 0.100 1.000 round6 / round1 0.969 0.581 -0.052 1.000 round5 / round3 1.111 0.695 0.168 1.000 round5 / round3 1.111 0.695 0.168 1.000 round5 / round3 1.111 0.695 0.168 1.000 round5 / round3 0.429 0.374 -0.971 1.000 round4 / round1 0.940 0.492 -0.118 1.000 round4 / round1 0.911 0.512 -0.165 1.000 round4 / round1 0.911 0.512 -0.165 1.000 round5 / round4 1.153 0.793 0.207 1.000 <td< th=""><th>Response</th><th>Contrast</th><th>Statistic</th><th>SE</th><th>Z ratio</th><th>P value</th></td<>	Response	Contrast	Statistic	SE	Z ratio	P value
consumption 0.308 0.274 -1.325 1.000 round6 / round5 0.900 0.634 -0.149 1.000 round6 / round1 1.064 0.655 0.100 1.000 round6 / round2 0.386 0.320 -1.149 1.000 round5 / round1 0.969 0.581 -0.052 1.000 round5 / round1 0.969 0.581 -0.052 1.000 round5 / round3 1.111 0.695 0.168 1.000 round5 / round1 1.077 0.710 0.112 1.000 round4 / round1 0.949 0.492 -0.971 1.000 round4 / round1 0.911 0.512 -0.165 1.000 round4 / round1 0.911 0.512 -0.165 1.000 round3 / round2 0.386 0.294 -1.249 1.000 round5 / round1 0.969 0.488 -0.062 1.000 round5 / round1 0.512 0.027 1.000 round5 / round1 2.500		round7 / round2	0.122	0.130	-1.985	0.990
consumption round6 / round3 0.900 0.634 -0.149 1.000 round6 / round3 1.000 0.563 0.001 1.000 round6 / round1 0.969 0.581 -0.052 1.000 round5 / round1 0.969 0.581 -0.052 1.000 round5 / round1 1.182 0.796 0.248 1.000 round5 / round1 1.017 0.710 0.112 1.000 round5 / round1 0.940 0.429 -0.971 1.000 round4 / round1 0.940 0.429 -0.118 1.000 round4 / round1 0.940 0.429 -0.118 1.000 round4 / round1 0.911 0.512 -0.165 1.000 round4 / round1 0.911 0.512 -1.049 1.000 round4 / round1 0.911 0.512 -1.041 1.000 round5 / round1 2.513 1.986 1.166 1.000 round5 / round3 1.633 1.013 0.791 1.000		round7 / round1	0.308	0.274	-1.325	1.000
consumption round6 / round3 1.064 0.655 0.100 1.000 round6 / round2 0.386 0.320 -1.149 1.000 round6 / round1 0.969 0.581 -0.052 1.000 round5 / round3 1.111 0.695 0.168 1.000 round5 / round3 1.111 0.695 0.168 1.000 round5 / round3 1.111 0.695 0.168 1.000 round5 / round1 0.970 0.710 0.112 1.000 round4 / round2 0.363 0.291 -1.264 1.000 round4 / round1 0.911 0.512 -0.165 1.000 round4 / round1 0.911 0.512 -0.165 1.000 round2 / round1 0.969 0.488 -0.062 1.000 round4 / round1 0.911 0.512 -0.165 1.000 round6 / round3 2.800 2.090 1.379 1.000 round6 / round3 1.633 1.013 0.791 1.000		round6 / round5	0.900	0.634	-0.149	1.000
round6 / round3 1.000 0.563 0.001 1.000 round6 / round2 0.386 0.320 -1.149 1.000 round5 / round4 1.182 0.796 0.248 1.000 round5 / round3 1.111 0.695 0.168 1.000 round5 / round1 1.077 0.710 0.112 1.000 round4 / round1 0.940 0.492 -0.118 1.000 round4 / round1 0.911 0.512 -0.165 1.000 round4 / round1 0.911 0.512 -0.165 1.000 round4 / round1 0.911 0.512 -0.165 1.000 round4 / round1 0.969 0.488 -0.062 1.000 round2 / round1 0.969 0.488 -0.062 1.000 round6 / round5 2.800 2.090 1.379 1.000 round6 / round3 1.633 1.013 0.791 1.000 round6 / round3 1.633 1.013 0.791 1.000		round6 / round4	1.064	0.655	0.100	1.000
round6 / round2 0.386 0.320 -1.149 1.000 round5 / round4 1.182 0.796 0.248 1.000 round5 / round3 1.111 0.695 0.168 1.000 round5 / round3 1.111 0.695 0.168 1.000 round5 / round3 1.111 0.695 0.112 1.000 round5 / round1 1.077 0.710 0.112 1.000 round4 / round3 0.940 0.492 -0.118 1.000 round4 / round1 0.911 0.512 -0.165 1.000 round3 / round2 0.386 0.294 -1.249 1.000 round3 / round1 0.969 0.488 -0.062 1.000 round6 / round1 2.800 2.090 1.379 1.000 round6 / round3 1.633 1.013 0.791 1.000 round6 / round1 8.000 5.451 3.052 0.034 round5 / round3 0.583 0.368 -0.853 1.000 r		round6 / round3	1.000	0.563	0.001	1.000
round6 / round1 0.969 0.581 -0.052 1.000 round5 / round3 1.111 0.695 0.248 1.000 round5 / round3 1.111 0.695 0.168 1.000 round5 / round1 0.77 0.710 0.112 1.000 round4 / round3 0.940 0.492 -0.118 1.000 round4 / round1 0.911 0.512 -0.165 1.000 round3 / round2 0.386 0.294 -1.249 1.000 round3 / round1 0.969 0.488 -0.062 1.000 round6 / round1 0.911 0.512 -0.165 1.000 round6 / round1 0.969 0.488 -0.062 1.000 round6 / round1 2.800 2.090 1.379 1.000 round6 / round3 1.633 1.013 0.791 1.000 round6 / round1 8.000 5.451 3.052 0.031 round5 / round2 1.000 6.853 1.000 round5 / round2 1.039		round6 / round2	0.386	0.320	-1.149	1.000
consumption round5 / round4 1.182 0.796 0.248 1.000 round5 / round3 1.111 0.695 0.168 1.000 round5 / round2 0.429 0.374 -0.971 1.000 round5 / round1 1.077 0.710 0.112 1.000 round4 / round3 0.940 0.429 -0.118 1.000 round4 / round1 0.911 0.512 -0.165 1.000 round3 / round2 0.386 0.294 -1.249 1.000 round3 / round1 0.969 0.488 -0.062 1.000 round6 / round1 2.800 2.090 1.379 1.000 round6 / round3 1.633 1.013 0.791 1.000 round6 / round3 1.633 1.013 0.791 1.000 round6 / round3 1.633 1.013 0.791 1.000 round5 / round1 2.800 2.294 1.257 1.000 round5 / round3 0.583 0.368 -0.853 1.000		round6 / round1	0.969	0.581	-0.052	1.000
consumption round5 / round3 1.111 0.695 0.168 1.000 round5 / round2 0.429 0.374 -0.971 1.000 round4 / round3 0.940 0.492 -0.118 1.000 round4 / round1 0.940 0.492 -0.118 1.000 round4 / round1 0.911 0.512 -0.165 1.000 round3 / round2 0.386 0.294 -1.249 1.000 round3 / round1 0.969 0.488 -0.062 1.000 round6 / round3 2.800 2.090 1.379 1.000 round6 / round4 1.153 0.793 0.207 1.000 round6 / round3 2.800 2.294 1.257 1.000 round6 / round3 0.583 0.368 -0.853 1.000 round5 / round1 8.000 5.451 3.052 0.034 round5 / round3 0.583 0.368 -0.853 1.000 round5 / round1 2.857 1.977 1.518 1.000		round5 / round4	1.182	0.796	0.248	1.000
consumption round5 / round2 0.429 0.374 -0.971 1.000 round5 / round1 1.077 0.710 0.112 1.000 round4 / round3 0.940 0.492 -0.118 1.000 round4 / round1 0.910 0.492 -0.118 1.000 round4 / round1 0.911 0.512 -0.165 1.000 round3 / round1 0.969 0.488 -0.062 1.000 round2 / round1 2.513 1.986 1.166 1.000 round6 / round1 2.513 1.986 1.166 1.000 round6 / round1 2.600 2.090 1.379 1.000 round6 / round1 1.633 1.013 0.791 1.000 round5 / round1 8.000 5.451 3.052 0.034 round5 / round1 8.000 5.451 3.052 0.034 round5 / round1 0.583 0.368 -0.853 1.000 round5 / round1 2.857 1.977 1.518 1.000		round5 / round3	1.111	0.695	0.168	1.000
round5 / round1 1.077 0.710 0.112 1.000 round4 / round3 0.940 0.492 -0.118 1.000 round4 / round1 0.911 0.512 -0.165 1.000 round3 / round2 0.386 0.294 -1.249 1.000 round3 / round1 0.969 0.488 -0.062 1.000 round2 / round1 2.513 1.986 1.166 1.000 round6 / round1 2.800 2.090 1.379 1.000 round6 / round3 1.633 1.013 0.791 1.000 round6 / round1 1.533 0.793 0.207 1.000 round6 / round1 2.800 2.294 1.257 1.000 round6 / round1 8.000 5.451 3.052 0.034 round5 / round2 1.000 0.828 <0.001		round5 / round2	0.429	0.374	-0.971	1.000
round4 / round3 0.940 0.492 -0.118 1.000 round4 / round2 0.363 0.291 -1.264 1.000 round3 / round2 0.386 0.294 -1.249 1.000 round3 / round1 0.969 0.488 -0.062 1.000 round2 / round1 2.513 1.986 1.166 1.000 round6 / round5 2.800 2.090 1.379 1.000 round6 / round4 1.153 0.791 1.000 round6 / round3 1.633 1.013 0.791 1.000 round6 / round1 8.000 5.451 3.052 0.034 round5 / round1 0.412 0.287 -1.271 1.000 round5 / round1 8.000 5.451 3.052 0.034 round5 / round1 0.412 0.287 -1.271 1.000 round5 / round1 0.583 0.368 -0.853 1.000 round5 / round1 2.857 1.977 1.518 1.000 round4 / round2		round5 / round1	1.077	0.710	0.112	1.000
round4 / round2 0.363 0.291 -1.264 1.000 round4 / round1 0.911 0.512 -0.165 1.000 round3 / round2 0.386 0.294 -1.249 1.000 round3 / round1 0.969 0.488 -0.062 1.000 round2 / round1 2.513 1.986 1.166 1.000 round6 / round5 2.800 2.090 1.379 1.000 round6 / round3 1.633 1.013 0.791 1.000 round6 / round2 2.800 2.294 1.257 1.000 round5 / round1 8.000 5.451 3.052 0.034 round5 / round2 1.000 5.451 3.052 0.034 round5 / round3 0.583 0.368 -0.853 1.000 round5 / round1 2.857 1.977 1.518 1.000 round5 / round1 2.857 1.977 1.518 1.000 round5 / round1 2.857 1.977 1.518 1.000 ro		round4 / round3	0.940	0.492	-0.118	1.000
round4 / round1 0.911 0.512 -0.165 1.000 round3 / round2 0.386 0.294 -1.249 1.000 round3 / round1 0.969 0.488 -0.062 1.000 round2 / round1 2.513 1.986 1.166 1.000 round6 / round5 2.800 2.090 1.379 1.000 round6 / round3 1.633 1.013 0.791 1.000 round6 / round3 1.633 1.013 0.791 1.000 round6 / round1 8.000 5.451 3.052 0.034 round5 / round1 0.812 0.287 -1.271 1.000 round5 / round3 0.583 0.368 -0.853 1.000 round5 / round1 0.828 <0.001		round4 / round2	0.363	0.291	-1.264	1.000
round3 / round2 0.386 0.294 -1.249 1.000 round3 / round1 0.969 0.488 -0.062 1.000 round2 / round1 2.513 1.986 1.166 1.000 round6 / round5 2.800 2.090 1.379 1.000 round6 / round4 1.153 0.793 0.207 1.000 round6 / round3 1.633 1.013 0.791 1.000 round6 / round1 8.000 5.451 3.052 0.034 round5 / round1 0.412 0.287 -1.271 1.000 round5 / round1 0.583 0.368 -0.853 1.000 round5 / round1 0.828 <0.001		round4 / round1	0.911	0.512	-0.165	1.000
round3 / round1 0.969 0.488 -0.062 1.000 round2 / round1 2.513 1.986 1.166 1.000 round6 / round5 2.800 2.090 1.379 1.000 round6 / round4 1.153 0.793 0.207 1.000 round6 / round3 1.633 1.013 0.791 1.000 round6 / round1 8.000 5.451 3.052 0.034 round5 / round4 0.412 0.287 -1.271 1.000 round5 / round3 0.583 0.368 -0.853 1.000 round5 / round1 2.857 1.977 1.518 1.000 round5 / round1 2.857 1.977 1.518 1.000 round4 / round1 2.857 1.977 1.518 1.000 round4 / round1 6.939 4.358 3.084 0.031 round3 / round1 1.898 2.709 2.872 0.061 round2 / round1 2.857 2.200 1.363 1.000 roun		round3 / round2	0.386	0.294	-1.249	1.000
round2 / round1 2.513 1.986 1.166 1.000 round6 / round5 2.800 2.090 1.379 1.000 round6 / round3 1.633 0.793 0.207 1.000 round6 / round3 1.633 1.013 0.791 1.000 round6 / round2 2.800 2.294 1.257 1.000 round6 / round1 8.000 5.451 3.052 0.034 round5 / round4 0.412 0.287 -1.271 1.000 round5 / round3 0.583 0.368 -0.853 1.000 round5 / round1 2.857 1.977 1.518 1.000 round4 / round3 1.417 0.795 0.621 1.000 round4 / round1 2.857 1.977 1.518 1.000 round3 / round1 1.417 0.795 0.621 1.000 round3 / round2 1.714 1.228 0.752 1.000 round3 / round1 4.898 2.709 2.872 0.061 round		round3 / round1	0.969	0.488	-0.062	1.000
round6 / round5 2.800 2.090 1.379 1.000 round6 / round4 1.153 0.793 0.207 1.000 round6 / round3 1.633 1.013 0.791 1.000 round6 / round1 8.000 2.294 1.257 1.000 round6 / round1 8.000 5.451 3.052 0.034 round5 / round1 0.583 0.368 -0.853 1.000 round5 / round3 0.583 0.368 -0.853 1.000 round5 / round1 2.857 1.977 1.518 1.000 round4 / round3 1.417 0.795 0.621 1.000 round4 / round1 6.939 4.358 3.084 0.031 round3 / round1 1.898 2.709 2.872 0.061 round2 / round1 2.857 2.200 1.363 1.000 round3 / round1 4.898 2.709 2.872 0.061 round2 / round1 2.857 2.200 1.363 1.000 round		round2 / round1	2.513	1.986	1.166	1.000
round6 / round4 1.153 0.793 0.207 1.000 round6 / round3 1.633 1.013 0.791 1.000 round6 / round2 2.800 2.294 1.257 1.000 round6 / round1 8.000 5.451 3.052 0.034 round5 / round4 0.412 0.287 -1.271 1.000 round5 / round3 0.583 0.368 -0.853 1.000 round5 / round2 1.000 0.828 <0.001		round6 / round5	2.800	2.090	1.379	1.000
round6 / round3 1.633 1.013 0.791 1.000 round6 / round2 2.800 2.294 1.257 1.000 round6 / round1 8.000 5.451 3.052 0.034 round5 / round4 0.412 0.287 -1.271 1.000 round5 / round3 0.583 0.368 -0.853 1.000 round5 / round1 2.857 1.977 1.518 1.000 round4 / round1 6.939 4.358 3.084 0.031 round3 / round1 4.898 2.709 2.872 0.061 round2 / round1 2.857 2.200 1.363 1.000 round6 / round3 1.125 1.113 0.119 1.000 round		round6 / round4	1.153	0.793	0.207	1.000
round6 / round2 2.800 2.294 1.257 1.000 round6 / round1 8.000 5.451 3.052 0.034 round5 / round4 0.412 0.287 -1.271 1.000 round5 / round3 0.583 0.368 -0.853 1.000 round5 / round2 1.000 0.828 <0.001		round6 / round3	1.633	1.013	0.791	1.000
round6 / round1 8.000 5.451 3.052 0.034 round5 / round4 0.412 0.287 -1.271 1.000 round5 / round3 0.583 0.368 -0.853 1.000 round5 / round2 1.000 0.828 < 0.001		round6 / round2	2.800	2.294	1.257	1.000
round5 / round4 0.412 0.287 -1.271 1.000 round5 / round3 0.583 0.368 -0.853 1.000 round5 / round2 1.000 0.828 <0.001		round6 / round1	8.000	5.451	3.052	0.034
$\begin{array}{c} \mbox{consumption} & \begin{tabular}{ c c c c c c } \hline \mbox{consumption} & \begin{tabular}{ c c c c c c c } \hline \mbox{consumption} & \begin{tabular}{ c c c c c c c c c c c } \hline \mbox{consumption} & \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$		round5 / round4	0.412	0.287	-1.271	1.000
consumption round5 / round2 1.000 0.828 < 0.001 1.000 round5 / round1 2.857 1.977 1.518 1.000 round4 / round3 1.417 0.795 0.621 1.000 round4 / round2 2.429 1.884 1.144 1.000 round4 / round1 6.939 4.358 3.084 0.031 round3 / round1 6.939 4.358 0.752 1.000 round3 / round1 4.898 2.709 2.872 0.061 round2 / round1 2.857 2.200 1.363 1.000 round6 / round5 1.125 1.113 0.119 1.000 round6 / round3 0.604 0.445 -0.685 1.000 round6 / round3 0.604 0.445 -0.685 1.000 round5 / round4 3.833 4.889 1.054 1.000 round5 / round3 0.537 0.459 -0.728 1.000		round5 / round3	0.583	0.368	-0.853	1.000
round5 / round1 2.857 1.977 1.518 1.000 round4 / round3 1.417 0.795 0.621 1.000 round4 / round2 2.429 1.884 1.144 1.000 round4 / round1 6.939 4.358 3.084 0.031 round3 / round2 1.714 1.228 0.752 1.000 round3 / round1 4.898 2.709 2.872 0.061 round2 / round1 2.857 2.200 1.363 1.000 round6 / round5 1.125 1.113 0.119 1.000 round6 / round4 4.312 5.174 1.218 1.000 round5 / round3 0.604 0.445 -0.685 1.000 round5 / round3 0.604 0.445 -0.685 1.000 round5 / round3 0.604 0.445 -0.685 1.000 round5 / round3 0.537 0.459 -0.728 1.000	consumption	round5 / round2	1.000	0.828	< 0.001	1.000
round4 / round3 1.417 0.795 0.621 1.000 round4 / round2 2.429 1.884 1.144 1.000 round4 / round1 6.939 4.358 3.084 0.031 round3 / round2 1.714 1.228 0.752 1.000 round3 / round1 4.898 2.709 2.872 0.061 round2 / round1 2.857 2.200 1.363 1.000 round6 / round5 1.125 1.113 0.119 1.000 round6 / round4 4.312 5.174 1.218 1.000 round6 / round3 0.604 0.445 -0.685 1.000 round5 / round4 3.833 4.889 1.054 1.000 round5 / round3 0.537 0.459 -0.728 1.000	1	round5 / round1	2.857	1.977	1.518	1.000
round4 / round2 2.429 1.884 1.144 1.000 round4 / round1 6.939 4.358 3.084 0.031 round3 / round2 1.714 1.228 0.752 1.000 round3 / round1 4.898 2.709 2.872 0.061 round2 / round1 2.857 2.200 1.363 1.000 round6 / round5 1.125 1.113 0.119 1.000 round6 / round4 4.312 5.174 1.218 1.000 round6 / round3 0.604 0.445 -0.685 1.000 round5 / round4 3.833 4.889 1.054 1.000 round5 / round3 0.537 0.459 -0.728 1.000		round4 / round3	1.417	0.795	0.621	1.000
round4 / round1 6.939 4.358 3.084 0.031 round3 / round2 1.714 1.228 0.752 1.000 round3 / round1 4.898 2.709 2.872 0.061 round2 / round1 2.857 2.200 1.363 1.000 round6 / round5 1.125 1.113 0.119 1.000 round6 / round4 4.312 5.174 1.218 1.000 round6 / round3 0.604 0.445 -0.685 1.000 round5 / round4 3.833 4.889 1.054 1.000 round5 / round3 0.537 0.459 -0.728 1.000		round4 / round2	2.429	1.884	1.144	1.000
round3 / round2 1.714 1.228 0.752 1.000 round3 / round1 4.898 2.709 2.872 0.061 round2 / round1 2.857 2.200 1.363 1.000 round6 / round5 1.125 1.113 0.119 1.000 round6 / round4 4.312 5.174 1.218 1.000 round6 / round3 0.604 0.445 -0.685 1.000 round5 / round4 3.833 4.889 1.054 1.000 round5 / round3 0.537 0.459 -0.728 1.000		round4 / round1	6.939	4.358	3.084	0.031
round3 / round1 4.898 2.709 2.872 0.061 round2 / round1 2.857 2.200 1.363 1.000 round6 / round5 1.125 1.113 0.119 1.000 round6 / round4 4.312 5.174 1.218 1.000 head shake round6 / round3 0.604 0.445 -0.685 1.000 round5 / round3 0.604 0.445 -0.685 1.000 round5 / round3 0.537 0.459 -0.728 1.000		round3 / round2	1.714	1.228	0.752	1.000
round2 / round1 2.857 2.200 1.363 1.000 round6 / round5 1.125 1.113 0.119 1.000 round6 / round4 4.312 5.174 1.218 1.000 head shake round6 / round3 0.604 0.445 -0.685 1.000 round5 / round4 3.833 4.889 1.054 1.000 round5 / round3 0.537 0.459 -0.728 1.000		round3 / round1	4.898	2.709	2.872	0.061
round6 / round5 1.125 1.113 0.119 1.000 round6 / round4 4.312 5.174 1.218 1.000 head shake round6 / round3 0.604 0.445 -0.685 1.000 round5 / round4 3.833 4.889 1.054 1.000 round5 / round3 0.537 0.459 -0.728 1.000		round2 / round1	2.857	2.200	1.363	1.000
round6 / round4 4.312 5.174 1.218 1.000 nound6 / round3 0.604 0.445 -0.685 1.000 head shake round5 / round4 3.833 4.889 1.054 1.000 round5 / round3 0.537 0.459 -0.728 1.000		round6 / round5	1.125	1.113	0.119	1.000
round6 / round3 0.604 0.445 -0.685 1.000 head shake round5 / round4 3.833 4.889 1.054 1.000 round5 / round3 0.537 0.459 -0.728 1.000		round6 / round4	4.312	5.174	1.218	1.000
head shake round5 / round4 3.833 4.889 1.054 1.000 round5 / round3 0.537 0.459 -0.728 1.000		round6 / round3	0.604	0.445	-0.685	1.000
round5 / round3 0.537 0.459 -0.728 1.000	head shake	round5 / round4	3.833	4.889	1.054	1.000
		round5 / round3	0.537	0.459	-0.728	1.000
round4 / round3 0.140 0.153 -1.802 0.429		round4 / round3	0.140	0.153	-1.802	0.429
round7 / round6 0.214 0.249 -1.325 1.000		round7 / round6	0.214	0.249	-1.325	1.000
round7 / round5 0.225 0.270 -1.245 1.000		round7 / round5	0.225	0.270	-1.245	1.000
round7 / round4 0.304 0.350 -1.035 1.000		round7 / round4	0.304	0.350	-1.035	1.000
round7 / round3 0.240 0.268 -1.279 1.000		round7 / round3	0.240	0.268	-1.279	1.000
hait toss round7 / round2 0.125 0.154 -1.684 1.000	hait toss	round7 / round2	0.125	0.154	-1.684	1.000
round7 / round1 0.357 0.410 -0.897 1.000		round7 / round1	0.357	0.410	-0.897	1.000
round6 / round5 1.050 0.770 0.067 1.000		round6 / round5	1.050	0.770	0.067	1.000
round6 / round4 1.417 0.927 0.532 1.000		round6 / round4	1.417	0.927	0.532	1.000
round6 / round3 1.122 0.657 0.196 1.000		round6 / round3	1.122	0.657	0.196	1.000

Response	Contrast	Statistic	SE	Z ratio	P value
	round6 / round2	0.583	0.462	-0.681	1.000
	round6 / round1	1.667	1.079	0.789	1.000
	round5 / round4	1.349	0.966	0.418	1.000
	round5 / round3	1.068	0.699	0.101	1.000
	round5 / round2	0.556	0.468	-0.697	1.000
	round5 / round1	1.587	1.127	0.651	1.000
	round4 / round3	0.792	0.447	-0.413	1.000
	round4 / round2	0.412	0.319	-1.144	1.000
	round4 / round1	1.176	0.739	0.259	1.000
	round3 / round2	0.520	0.374	-0.910	1.000
	round3 / round1	1.486	0.827	0.711	1.000
	round2 / round1	2.857	2.200	1.363	1.000
	round7 / round6	0.076	0.075	-2.628	0.180
	round7 / round5	0.159	0.155	-1.884	1.000
	round7 / round4	0.075	0.071	-2.735	0.131
	round7 / round3	0.132	0.115	-2.317	0.431
	round7 / round2	0.122	0.130	-1.985	0.990
	round7 / round1	0.168	0.150	-1.992	0.974
	round6 / round5	2.083	1.651	0.926	1.000
	round6 / round4	0.987	0.745	-0.018	1.000
	round6 / round3	1.731	1.146	0.828	1.000
	round6 / round2	1.607	1.431	0.533	1.000
bait interaction	round6 / round1	2.206	1.521	1.147	1.000
	round5 / round4	0.474	0.356	-0.995	1.000
	round5 / round3	0.831	0.547	-0.282	1.000
	round5 / round2	0.771	0.684	-0.292	1.000
	round5 / round1	1.059	0.726	0.083	1.000
	round4 / round3	1.754	1.073	0.918	1.000
	round4 / round2	1.629	1.390	0.571	1.000
	round4 / round1	2.235	1.434	1.254	1.000
	round3 / round2	0.929	0.718	-0.096	1.000
	round3 / round1	1.275	0.675	0.458	1.000
	round2 / round1	1.373	1.094	0.397	1.000
	round7 / round6	0.076	0.075	-2.628	0.180
	round7 / round5	0.214	0.207	-1.593	1.000
	round7 / round4	0.095	0.089	-2.528	0.241
	round7 / round3	0.149	0.130	-2.187	0.603
	round7 / round2	0.122	0.130	985	0.990
	round7 / round1	0.168	0.150	-1.992	0.974
	round6 / round5	2.812	2.194	1.326	1.000
potential consumption	round6 / round4	1.250	0.918	0.304	1.000
	round6 / round3	1.950	1.284	1.014	1.000
	round6 / round2	1.607	1.431	0.533	1.000
	round6 / round1	2.206	1.521	1.147	1.000
	round5 / round4	0.444	0.319	-1.131	1.000
	round5 / round3	0.693	0.443	-0.573	1.000
	round5 / round2	0.571	0.501	-0.639	1.000

Response	Contrast	Statistic	SE	Z ratio	P value
	round5 / round1	0.784	0.526	-0.362	1.000
	round4 / round3	1.560	0.908	0.764	1.000
	round4 / round2	1.286	1.074	0.301	1.000
	round4 / round1	1.765	1.089	0.920	1.000
	round3 / round2	0.824	0.635	-0.251	1.000
	round3 / round1	1.131	0.594	0.235	1.000
	round2 / round1	1.373	1.094	0.397	1.000

Appendix S2. Interactions of kea with anthraquinone-treated bait by days since the bait was deployed for each behaviour in each round of the trial. Numbers in the top right corner of each panel represent the minimum number of individual kea, where unidentified individuals were pooled together. Coloured lines represent the model predictions (\pm standard error) from a binomial GLM. Note that the x-axis range differs between rounds.



Round 🔶 1 🛶 2 🛶 3 🛶 4 🛶 5 🛶 6 🛶 7

Appendix S3. Pairwise comparisons of estimated mean differences between demographic classes of kea for each response variable. Significant differences, determined using Bonferroni-corrected p-values, are highlighted in bold. Blue shading indicates that the first predictor is significantly smaller than the second predictor, while orange shading indicates the opposite. The corresponding data are graphically presented in Figure 6 of the manuscript.

Response	Contrast	Statistic	SE	Z ratio	P value
	adult female / adult male	0.071	0.058	-3.247	0.007
	adult female / juvenile female	0.150	0.104	-2.729	0.038
D	adult female / juvenile male	0.123	0.082	-3.127	0.011
Present in area, approaching bait	adult male / juvenile female	2.100	1.318	1.182	1.000
	adult male / juvenile male	1.725	1.033	0.910	1.000
	juvenile female / juvenile male	0.821	0.350	-0.462	1.000
	adult female / adult male	0.158	0.193	-1.509	0.788
	adult female / juvenile female	0.556	0.667	-0.490	1.000
1.5	adult female / juvenile male	0.288	0.340	-1.054	1.000
bite	adult male / juvenile female	3.519	1.830	2.419	0.093
	adult male / juvenile male	1.826	0.860	1.278	1.000
	juvenile female / juvenile male	0.519	0.211	-1.615	0.638
	adult female / adult male	0.158	0.193	-1.509	0.788
	adult female / juvenile female	0.692	0.833	-0.306	1.000
	adult female / juvenile male	0.343	0.405	-0.907	1.000
bait in mouth	adult male / juvenile female	4.385	2.311	-2.805	0.030
	adult male / juvenile male	2.173	1.023	1.648	0.596
	juvenile female / juvenile male	0.496	0.206	-1.693	0.543
	adult female / adult male	0.158	0.193	-1.509	0.788
	adult female / juvenile female	0.407	0.488	-0.750	1.000
	adult female / juvenile male	0.306	0.360	-1.005	1.000
consumption	adult male / juvenile female	2.580	1.328	1.842	0.393
	adult male / juvenile male	1.935	0.911	1.402	0.966
	juvenile female / juvenile male	0.750	0.299	-0.721	1.000
	adult male / juvenile female	5.182	4.453	1.914	0.167
head shake	adult male / juvenile male	2.416	1.472	1.448	0.443
	juvenile female / juvenile male	0.466	0.386	-0.922	1.000
	adult female / adult male	0.600	0.732	-0.419	1.000
	adult female / juvenile female	1.148	1.395	0.114	1.000
	adult female / juvenile male	0.587	0.693	-0.451	1.000
bait toss	adult male / juvenile female	1.914	1.046	1.187	1.000
	adult male / juvenile male	0.978	0.457	-0.048	1.000
	juvenile female / juvenile male	0.511	0.232	-1.479	0.835
	adult female / adult male	0.217	0.242	-1.369	1.000
bait interaction	adult female / juvenile female	0.667	0.701	-0.386	1.000
	adult female / juvenile male	0.500	0.516	-0.672	1.000
	adult male / juvenile female	3.067	1.808	1.901	0.344
	adult male / juvenile male	2.300	1.278	1.499	0.803
	juvenile female / juvenile male	0.750	0.309	-0.699	1.000
	adult female / adult male	0.217	0.242	-1.369	1.000
potential consumption	adult female / juvenile female	0.818	0.859	-0.191	1.000

Response	Contrast	Statistic	SE	Z ratio	P value
	adult female / juvenile male	0.533	0.550	-0.609	1.000
	adult male / juvenile female	3.764	2.209	2.258	0.144
	adult male / juvenile male	2.453	1.360	1.619	0.633
	juvenile female / juvenile male	0.652	0.265	-1.054	1.000
	adult female / adult male	0.583	0.001	-276.615	< 0.001
	adult female / juvenile female	1.041	0.431	0.096	1.000
	adult female / juvenile male	0.639	0.001	-229.220	< 0.001
duration of consumption	adult male / juvenile female	1.785	0.740	1.398	0.973
	adult male / juvenile male	1.096	0.003	33.356	< 0.001
	juvenile female / juvenile male	0.614	0.255	-1.176	1.000
	adult female / adult male	0.312	0.330	-1.100	1.000
	adult female / juvenile female	0.214	0.227	-1.453	0.878
length of bait interaction	adult female / juvenile male	0.121	0.126	-2.037	0.250
	adult male / juvenile female	0.686	0.314	-0.825	1.000
	adult male / juvenile male	0.389	0.153	-2.397	0.099
	juvenile female / juvenile male	0.567	0.227	-1.416	0.940

Appendix S4. Pairwise comparisons of estimated mean differences between bait condition (fresh, weathered) and sex for each response variable. Significant differences, determined using Bonferronicorrected p-values, are highlighted in bold. Blue shading indicates that the first predictor is significantly smaller than the second predictor, while orange shading indicates the opposite. The corresponding data are graphically present in Figure 7 of the manuscript.

Response	Contrast	Statistic	SE	Z ratio	P value
	fresh female / weathered female	6.127	3.074	3.613	0.002
	fresh female / fresh male	0.764	0.424	-0.486	1.000
present in area,	fresh female / weathered male	3.172	1.543	2.373	0.106
approaching bait	weathered female / fresh male	0.125	0.042	-6.228	< 0.001
	weathered female / weathered male	0.518	0.104	-3.265	0.007
	fresh male / weathered male	4.154	1.292	4.580	< 0.001
	fresh female / weathered female	1.828	0.704	1.567	0.702
	fresh female / fresh male	0.821	0.299	-0.542	1.000
hita	fresh female / weathered male	1.791	0.607	1.719	0.513
one	weathered female / fresh male	0.449	0.126	-2.855	0.026
	weathered female / weathered male	0.980	0.242	-0.083	1.000
	fresh male / weathered male	2.181	0.464	3.665	0.001
	fresh female / weathered female	2.496	0.970	2.355	0.111
	fresh female / fresh male	0.610	0.216	-1.394	0.980
1	fresh female / weathered male	2.037	0.678	2.138	0.195
ball in mouth	weathered female / fresh male	0.244	0.072	-4.809	< 0.001
	weathered female / weathered male	0.816	0.217	-0.765	1.000
	fresh male / weathered male	3.340	0.714	5.640	< 0.001
	fresh female / weathered female	2.474	0.973	2.303	0.128
	fresh female / fresh male	1.011	0.376	0.028	1.000
· · · ·	fresh female / weathered male	2.115	0.736	2.152	0.188
consumption	weathered female / fresh male	0.409	0.115	-3.186	0.009
	weathered female / weathered male	0.855	0.212	-0.631	1.000
	fresh male / weathered male	2.093	0.446	3.468	0.003
	weathered female / fresh male	1.427	0.887	0.572	1.000
head shake	weathered female / weathered male	0.533	0.267	-1.258	0.625
	fresh male / weathered male	0.374	0.172	-2.142	0.097
	fresh female / weathered female	2.433	1.125	1.924	0.326
	fresh female / fresh male	0.722	0.277	-0.851	1.000
hait taga	fresh female / weathered male	1.983	0.747	1.819	0.413
ball loss	weathered female / fresh male	0.297	0.106	-3.404	0.004
	weathered female / weathered male	0.815	0.285	-0.585	1.000
	fresh male / weathered male	2.749	0.648	4.291	< 0.001
bait interaction	fresh female / weathered female	3.436	1.544	2.746	0.036
	fresh female / fresh male	1.326	0.582	0.642	1.000
	fresh female / weathered male	2.900	1.192	2.591	0.057
	weathered female / fresh male	0.386	0.113	-3.244	0.007
	weathered female / weathered male	0.844	0.210	-0.681	1.000
	fresh male / weathered male	2.188	0.504	3.397	0.004
notantial consumention	fresh female / weathered female	3.109	1.351	2.610	0.054
potential consumption	fresh female / fresh male	1.188	0.503	0.407	1.000

Response	Contrast	Statistic	SE	Z ratio	P value
	fresh female / weathered male	2.689	1.061	2.506	0.073
	weathered female / fresh male	0.382	0.112	-3.295	0.006
	weathered female / weathered male	0.865	0.215	-0.584	1.000
	fresh male / weathered male	2.263	0.517	3.576	0.002
	fresh female / weathered female	1.132	0.002	69.894	< 0.001
	fresh female / fresh male	0.997	0.002	-1.938	0.316
	fresh female / weathered male	0.884	0.002	-49.249	< 0.001
duration of consumption	weathered female / fresh male	0.880	0.002	-47.022	< 0.001
	weathered female / weathered male	0.780	0.002	-108.086	< 0.001
	fresh male / weathered male	0.887	0.002	-52.438	< 0.001
	fresh female / weathered female	1.718	0.588	1.580	0.684
	fresh female / fresh male	1.012	0.299	0.040	1.000
length of bait interaction	fresh female / weathered male	1.332	0.377	1.014	1.000
	weathered female / fresh male	0.589	0.157	-1.983	0.284
	weathered female / weathered male	0.776	0.196	-1.006	1.000
	fresh male / weathered male	1.316	0.243	1.492	0.814

Appendix S5. Photos from post-mortem analysis showing dissected stomach and crop contents from a subadult male kea (V-3908) confirmed to have died from secondary 1080 poisoning via consumption of a poisoned possum. Stomach (top two photos) and crop (bottom photo) contents showing lack of green 1080 baits but the presence of possum hairs throughout for the kea that died from suspected secondary poisoning. The possum tissue samples collected from within the kea crop and stomach returned significantly higher fluoroacetate concentration than tissue sampled from the kea. Hairs were identified by pest mammal experts at MWLR and confirmed with DNA analysis by Ecogene (MWLR).



աններիներին հանդիսին հանդիսի հան





Appendix S6. The estimated amount of anthraquinone-treated bait eaten by individual birds across all rounds at O-T and APW sites. All birds of unknown identity are grouped together in the top row, with known individuals ordered by the total number of baits consumed (both fresh and weathered). The frequency of bait interactions and bait consumption indicate the number of times individuals were observed interacting with and consuming bait, respectively.

Kea ID	Frequency of bait	Frequency of bait	Number of baits	Proportion of fresh
	interactions	consumption	consumed	bait consumed
Unknown	656	317	16.89	0.35
V-3909	5	4	1.29	0.00
V-2952	3	3	0.75	1.00
V-3948	3	2	0.75	0.00
V-3370	4	3	0.29	0.07
V-3910	3	3	0.29	0.93
V-1942(O)	3	3	0.29	0.00
V-3772	6	5	0.10	0.60
V-3920	11	4	0.08	0.50
V-3904	8	4	0.08	0.25
V-3354	6	4	0.08	0.50
V-3774	5	3	0.06	0.67
V-3367	3	3	0.06	0.67
V-3172	3	3	0.06	0.33
V-3668	10	2	0.04	0.00
V-3662	4	2	0.04	0.00
V-2366	3	2	0.04	1.00
V-3377	3	2	0.04	1.00
V-2523	3	2	0.04	0.50
V-3378	3	2	0.04	0.00
V-3928	2	2	0.04	0.50
V-3945	2	2	0.04	0.00
V-3778	7	1	0.02	0.00
V-3677	5	1	0.02	1.00
V-3940	3	1	0.02	1.00
V-3917	3	1	0.02	0.00
White CN /	3	1	0.02	0.00
V-2820	2	1	0.02	1.00
V-2020	2	1	0.02	1.00
V-3072 V-3931	2	1	0.02	1.00
V-3768	2	1	0.02	0.00
V-3140	1	1	0.02	0.00
V-3140	1	1	0.02	0.00
V-3910	1	1	0.02	0.00
V = 1929(0)	2	0	0.00	0.00
V-1950(O)	2	0	0.00	0.00
V-5/09	2	0	0.00	0.00
v-1950(U)	1	0	0.00	0.00
V-2813	1	0	0.00	0.00
V-3676	1	0	0.00	0.00
V-3695	1	0	0.00	0.00

Kea ID	Frequency of bait	Frequency of bait	Number of baits	Proportion of fresh
	interactions	consumption	consumed	bait consumed
V-3919	1	0	0.00	0.00
V-3930	1	0	0.00	0.00
V-3934	1	0	0.00	0.00
V-3936	1	0	0.00	0.00
V-3950	1	0	0.00	0.00
V-1416	0	0	0.00	0.00
V-1921(O)	0	0	0.00	0.00
V-2815	0	0	0.00	0.00
V-3278	0	0	0.00	0.00
V-3355	0	0	0.00	0.00
V-3901	0	0	0.00	0.00
V-3911	0	0	0.00	0.00
V-3939	0	0	0.00	0.00

Appendix S7. Pairwise comparisons of estimated mean differences between mortality status for each response variable. Significant differences, determined using Bonferroni-corrected p-values, are highlighted in bold. Blue shading indicates that the first predictor is significantly smaller than the second predictor, while orange shading indicates the opposite. The corresponding data are graphically presented in Figure 8 of the manuscript.

variable	contrast	statistic	SE	ratio	P value
present in area, approaching bait	Alive / Dead	0.000	0.000	-0.003	0.998
bite	Alive / Dead	0.283	0.332	-1.075	0.282
bait in mouth	Alive / Dead	0.221	0.259	-1.289	0.197
consumption	Alive / Dead	0.756	0.740	-0.286	0.775
bait toss	Alive / Dead	0.786	0.775	-0.245	0.807
bait interaction	Alive / Dead	0.550	0.650	-0.506	0.613
potential consumption	Alive / Dead	0.477	0.562	-0.628	0.530
duration of consumption	Alive / Dead	3.800	5.550	0.914	0.373
length of bait interaction	Alive / Dead	8.365	6.563	2.707	0.013

Appendix S8. Results from anthraquinone weathering trial showing concentration (percent weight) over a thirty-day period. *100 mm rainfall reached after day 3 during this trial period. Mean anthraquinone concentration is presented for samples taken after 100 mm rainfall was reached.

Day	Anthraquinone (% wt)
1	3.02
3	1.56*
7	1.70
14	1.69
21	1.62
30	1.69
Mean	1.675

Appendix S9. Pairwise comparisons of estimated mean differences in the estimated amount of bait consumed by kea for each predictor. Significant differences, determined using Bonferroni-corrected p-values, are highlighted in bold. Blue shading indicates that the first predictor is significantly smaller than the second predictor, while orange shading indicates the opposite. The corresponding data are graphically presented in Figure 9 of the manuscript.

Predictor	Contrast	Statistic	SE	t ratio	P value
Round	round1 / round2	0.216	0.175	-1.893	1.000
	round1 / round3	0.092	0.058	-3.794	0.006
	round1 / round4	0.109	0.080	-3.033	0.069
	round1 / round5	0.053	0.041	-3.769	0.007
	round1 / round6	0.230	0.154	-2.198	0.649
	round1 / round7	8.059	7.218	2.330	0.470
	round2 / round3	0.424	0.337	-1.079	1.000
	round2 / round4	0.505	0.443	-0.779	1.000
	round2 / round5	0.247	0.226	-1.527	1.000
	round2 / round6	1.064	0.879	0.075	1.000
	round2 / round7	37.250	37.944	3.551	0.014
	round3 / round4	1.191	0.851	0.245	1.000
	round3 / round5	0.582	0.444	-0.710	1.000
	round3 / round6	2.510	1.635	1.412	1.000
	round3 / round7	87.842	77.588	5.067	< 0.001
	round4 / round5	0.488	0.414	-0.846	1.000
	round4 / round6	2.106	1.577	0.995	1.000
	round4 / round7	73.727	70.576	4.492	0.001
	round5 / round6	4.314	3.431	1.838	1.000
	round5 / round7	151.000	150.107	5.047	< 0.001
	round6 / round7	35.000	31.888	3.902	0.004
Demographic	adult female / adult male	0.046	0.053	-2.643	0.066
	adult female / juvenile female	0.086	0.104	-2.040	0.281
	adult female / juvenile male	0.044	0.047	-2.912	0.033
	adult male / juvenile female	1.885	1.770	0.675	1.000
	adult male / juvenile male	0.957	0.737	-0.057	1.000
	juvenile female / juvenile male	0.508	0.417	-0.826	1.000
Bait condition	fresh / weathered	0.912	0.666	-0.127	0.900

Appendix S10. Pairwise comparisons of estimated mean differences between kea with differing scrounge status (scroungers, unknown) for each response variable. Scroungers = individuals with a known history of feeding on human foods in Arthur's Pass township; Unknown = individuals with unknown scrounge histories. Significant differences, determined using Bonferroni-corrected p-values, are highlighted in bold. Blue shading indicates that the first predictor is significantly smaller than the second predictor, while orange shading indicates the opposite. The corresponding data are graphically presented in Figure 8 of the manuscript.

Response	Contrast	Statistic	SE	Z ratio	P value
present in area, approaching bait	Unknown / Scroungers	0.138	0.076	-3.585	< 0.001
bite	Unknown / Scroungers	0.763	0.260	-0.794	0.427
bait in mouth	Unknown / Scroungers	0.940	0.319	-0.183	0.855
consumption	Unknown / Scroungers	0.845	0.287	-0.496	0.620
head shake	Unknown / Scroungers	0.885	0.485	-0.222	0.824
bait toss	Unknown / Scroungers	1.110	0.405	0.286	0.775
bait interaction	Unknown / Scroungers	0.651	0.240	-1.165	0.244
potential consumption	Unknown / Scroungers	0.722	0.260	-0.906	0.365
duration of consumption	Unknown / Scroungers	1.172	0.346	0.536	0.592
length of bait interaction	Unknown / Scroungers	0.912	0.304	-0.277	0.782