

SUPPLEMENTARY INFORMATION

TABLES OF POST-HOC TEST RESULTS

All tables report Z values for Tukey tests, with: '*' $p < 0.05$, '**' $p < 0.005$, '***' $p < 0.001$

MODEL 1: EFFECTS OF MOVEMENT CHOICE

Pairwise comparisons of probability of moving forwards

maximum distance from nest

	0.25	0.375	0.5	0.625	0.75
0.375	*3.077				
0.5	***12.822	***9.745			
0.625	***22.381	***19.304	***9.560		
0.75	***34.218	***31.141	***21.396	***11.836	
0.875	***74.132	***71.055	***61.31	***51.751	***39.914

number of habitat changes

	0.25	0.375	0.5	0.625	0.75
0.375	1.313				
0.5	-0.103	-1.415			
0.625	2.552	1.239	2.654		
0.75	-0.426	-1.739	-0.323	*-2.978	
0.875	1.759	0.447	1.892	-0.792	2.185

proportion of time spent in wild

	0.25	0.375	0.5	0.625	0.75
0.375	-1.239				
0.5	*-3.109	-1.87			
0.625	-2.497	-1.258	0.612		
0.75	***-6.347	***-5.108	*-3.238	** -3.850	
0.875	***-7.894	***-6.655	***-4.785	***-5.397	-1.547

MODEL 2: EFFECTS OF ALTERING THE LIKELIHOOD OF SWITCHING PREFERENCE
 Pairwise comparisons of probability of switching

maximum distance from nest

	0.00513823	0.00770735	0.011561	0.0173415	0.0260123	0.0390184	0.0585277	0.0877915	0.131687	0.197531	0.296296	0.444444	0.666667
0.00770735	3.076												
0.011561	***4.955	1.879											
0.0173415	***4.949	1.873	-0.006										
0.0260123	***7.361	**4.285	2.406	2.412									
0.0390184	***6.992	***3.916	2.038	2.044	-0.368								
0.0585277	***8.869	***5.793	**3.914	**3.92	1.508	1.876							
0.0877915	***9.298	***6.222	**4.343	**4.349	1.937	2.305	0.429						
0.131687	***9.096	***6.019	**4.141	**4.147	1.735	2.103	0.227	-0.202					
0.197531	***12.57	***9.494	**7.615	***7.621	***5.209	***5.577	*3.701	3.272	*3.474				
0.296296	***12.878	***9.802	**7.923	**7.93	***5.518	***5.886	**4.01	*3.580	*3.783	0.308			
0.444444	***12.844	***9.768	**7.889	***7.895	***5.483	***5.851	***3.975	*3.546	*3.748	0.274	-0.034		
0.666667	***16.013	***12.937	***11.059	***11.065	***8.653	***9.021	***7.145	***6.716	***6.918	*3.443	3.135	3.170	
1	***14.44	***11.364	***9.486	***9.492	***7.08	***7.448	***5.572	***5.143	***5.345	1.87	1.562	1.596	-1.573

number of habitat changes

	0.00513823	0.00770735	0.011561	0.0173415	0.0260123	0.0390184	0.0585277	0.0877915	0.131687	0.197531	0.296296	0.444444	0.666667
0.00770735	1.344												
0.011561	2.824	1.480											
0.0173415	***4.692	3.348	1.868										
0.0260123	***7.373	***6.030	***4.550	2.681									
0.0390184	***10.752	***9.409	***7.929	***6.060	*3.379								
0.0585277	***14.712	***13.368	***11.888	***10.020	***7.338	**3.959							
0.0877915	***20.087	***18.743	***17.263	***15.395	***12.713	***9.334	***5.375						
0.131687	***26.108	***24.764	***23.284	***21.416	***18.735	***15.356	***11.396	***6.021					
0.197531	***33.141	***31.797	***30.317	***28.449	***25.767	***22.388	***18.429	***13.054	***7.033				
0.296296	***41.010	***39.666	***38.186	***36.318	***33.636	***30.257	***26.298	***20.923	***14.901	***7.869			
0.444444	***49.159	***47.815	***46.335	***44.467	***41.786	***38.407	***34.447	***29.072	***23.051	***16.018	***8.149		
0.666667	***64.647	***63.303	***61.823	***59.955	***57.273	***53.894	***49.935	***44.560	***38.539	***31.506	***23.637	***15.488	
1	***77.903	***76.559	***75.079	***73.211	***70.530	***67.151	***63.191	***57.816	***51.795	***44.762	***36.893	***28.744	***13.256

proportion of time spent in wild

	0.00513823	0.00770735	0.011561	0.0173415	0.0260123	0.0390184	0.0585277	0.0877915	0.131687	0.197531	0.296296	0.444444	0.666667
0.00770735	***-27.188												
0.011561	***-27.021	0.167											
0.0173415	***-41.304	***-14.116	***-14.283										
0.0260123	***-44.825	***-17.637	***-17.804	*-3.521									
0.0390184	***-44.412	***-17.224	***-17.391	-3.108	0.413								
0.0585277	***-46.54	***-19.352	***-19.518	***-5.235	-1.715	-2.128							
0.0877915	***-46.736	***-19.548	***-19.715	***-5.432	-1.911	-2.324	-0.196						
0.131687	***-47.876	***-20.688	***-20.855	***-6.572	-3.051	*-3.464	-1.337	-1.140					
0.197531	***-48.370	***-21.182	***-21.348	***-7.065	*-3.545	**-3.958	-1.830	-1.634	-0.493				
0.296296	***-48.553	***-21.366	***-21.532	***-7.249	*-3.728	** -4.141	-2.014	-1.817	-0.677	-0.184			
0.444444	***-49.121	***-21.933	***-22.099	***-7.817	** -4.296	***-4.709	-2.581	-2.385	-1.245	-0.751	-0.567		
0.666667	***-48.476	***-21.288	***-21.455	***-7.172	*-3.651	** -4.064	-1.936	-1.740	-0.600	-0.106	0.077	0.645	
1	***-48.101	***-20.913	***-21.080	***-6.797	-3.276	*-3.689	-1.561	-1.365	-0.225	0.269	0.453	1.020	0.375

MODEL 3: EFFECTS OF INCLUDING SET-ASIDES
 Pairwise comparisons of number of set-asides

maximum distance from nest

	0	5	10	15	20	25	30	35	40	45
5	***5.259									
10	***5.279	0.020								
15	***5.786	0.527	0.507							
20	***5.630	0.370	0.351	-0.156						
25	***6.242	0.983	0.963	0.457	0.613					
30	***6.713	1.454	1.434	0.927	1.083	0.470				
35	***6.805	1.545	1.526	1.019	1.175	0.562	0.092			
40	***6.483	1.224	1.204	0.697	0.853	0.241	-0.230	-0.322		
45	***6.225	0.966	0.946	0.439	0.596	-0.017	-0.488	-0.579	-0.258	
50	***5.898	0.639	0.619	0.112	0.269	-0.344	-0.815	-0.906	-0.585	-0.327

number of habitat changes

	0	5	10	15	20	25	30	35	40	45
5	-1.718									
10	**4.028	-2.31								
15	***7.149	***5.431	-3.121							
20	***9.222	***7.504	***5.194	-2.073						
25	***12.160	***10.442	***8.132	***5.012	-2.938					
30	***15.116	***13.398	***11.088	***7.967	***5.894	-2.956				
35	***17.290	***15.572	***13.262	***10.141	***8.068	***5.130	-2.174			
40	***19.048	***17.330	***15.02	***11.899	***9.826	***6.887	**3.932	-1.758		
45	***21.207	***19.489	***17.179	***14.058	***11.985	***9.047	***6.091	**3.917	-2.159	
50	***23.596	***21.878	***19.568	***16.447	***14.374	***11.436	***8.480	***6.306	***4.548	-2.389

proportion of time spent in wild

	0	5	10	15	20	25	30	35	40	45
5	***5.340									
10	***8.874	*3.534								
15	***13.093	***7.753	**4.218							
20	***17.149	***11.808	***8.274	**4.056						
25	***21.430	***16.090	***12.556	***8.337	***4.281					
30	***26.322	***20.982	***17.448	***13.229	***9.173	***4.892				
35	***30.667	***25.327	***21.793	***17.575	***13.519	***9.237	***4.345			
40	***33.973	***28.633	***25.099	***20.880	***16.824	***12.543	***7.651	*3.306		
45	***36.792	***31.452	***27.918	***23.699	***19.643	***15.362	***10.470	***6.125	*2.819	
50	***41.079	***35.738	***32.204	***27.986	***23.930	***19.648	***14.757	***10.411	***7.106	***4.287

MODEL 3a: EFFECTS OF INCLUDING SET-ASIDES WHEN EES DO NOT CHANGE HABITATS
 Pairwise comparisons of number of set-asides

maximum distance from nest

	0	5	10	15	20	25	30	35	40	45
5	2.198									
10	***5.156	2.958								
15	***7.728	***5.530	2.572							
20	***10.214	***8.017	***5.059	2.486						
25	***12.164	***9.967	***7.008	***4.436	1.950					
30	***15.346	***13.148	***10.19	***7.618	***5.132	3.182				
35	***16.760	***14.562	***11.604	***9.032	***6.546	***4.596	1.414			
40	***19.233	***17.035	***14.077	***11.505	***9.018	***7.069	***3.887	2.473		
45	***21.301	***19.104	***16.145	***13.573	***11.087	***9.137	***5.955	***4.541	2.068	
50	***22.699	***20.501	***17.543	***14.971	***12.484	***10.534	***7.353	***5.939	*3.466	1.397

MODEL4: EFFECTS OF REMOVING HEDGES
 Pairwise comparisons of number of hedges removed

maximum distance from nest

	0	4	8	12	16	20	24	28	32	36
4										
8	**3.913									
12	***5.785	1.872								
16	1.389	-2.524	***-4.396							
20	*3.425	-0.487	-2.360	2.036						
24	*3.531	-0.381	-2.254	2.142	0.106					
28	3.051	-0.862	-2.734	1.662	-0.374	-0.480				
32	2.081	-1.832	**3.704	0.692	-1.345	-1.451	-0.970			
36	1.359	-2.554	***4.426	-0.030	-2.066	-2.172	-1.692	-0.722		
40	***4.825	0.912	-0.960	*3.436	1.400	1.294	1.774	2.744	*3.466	
	***3.886	-0.027	-1.899	2.496	0.460	0.354	0.835	1.805	2.526	-0.940

number of habitat changes

	0	4	8	12	16	20	24	28	32	36
4										
8	-2.067									
12	-1.08	0.987								
16	-3.094	-1.027	-2.015							
20	-2.466	-0.399	-1.386	0.628						
24	-2.710	-0.643	-1.630	0.384	-0.244					
28	***-4.601	-2.534	*-3.521	-1.507	-2.135	-1.891				
32	*-3.603	-1.537	-2.524	-0.509	-1.138	-0.893	0.998			
36	***-5.741	*-3.675	***-4.662	-2.647	*-3.276	-3.032	-1.141	-2.138		
40	***-5.782	**3.715	***-4.702	-2.688	*-3.316	-3.072	-1.181	-2.178	-0.040	
	***-6.953	***-4.887	***-5.874	**3.859	***-4.488	**4.244	-2.353	*-3.350	-1.212	-1.172

proportion of time spent in wild

	0	4	8	12	16	20	24	28	32	36
4										
8	-0.938									
12	-0.924	0.013								
16	-2.809	-1.872	-1.885							
20	-2.02	-1.082	-1.096	0.789						
24	-2.857	-1.919	-1.932	-0.047	-0.837					
28	-3.131	-2.193	-2.206	-0.321	-1.111	-0.274				
32	-2.668	-1.73	-1.744	0.141	-0.648	0.189	0.462			
36	***-4.659	**3.722	**3.735	-1.850	-2.639	-1.803	-1.529	-1.991		
40	*-3.640	-2.702	-2.715	-0.830	-1.620	-0.783	-0.509	-0.972	1.020	
	***-5.416	***-4.478	***-4.491	-2.606	*-3.396	-2.559	-2.285	-2.748	-0.756	-1.776

MODEL4a: EFFECTS OF REMOVING HEDGES WHEN BEES DO NOT CHANGE HABITAT
 Pairwise comparisons of number of hedges removed

maximum distance from nest

	0	4	8	12	16	20	24	28	32	36
4										
8	1.086									
12	1.687	0.601								
16	0.575	-0.512	-1.112							
20	-0.072	-1.159	-1.759	-0.647						
24	1.757	0.671	0.070	1.182	1.829					
28	1.672	0.585	-0.015	1.097	1.744	-0.085				
32	2.595	1.509	0.908	2.021	2.668	0.838	0.924			
36	1.736	0.650	0.049	1.162	1.809	-0.021	0.065	-0.859		
40	2.932	1.846	1.245	2.358	3.005	1.175	1.261	0.337	1.196	
	2.885	1.798	1.198	2.310	2.957	1.128	1.213	0.289	1.148	-0.048