

S5 Table GLM effect tests for factors influencing male and female activity, all data pooled.

	Female							
	Courting		PC1		PC2		PC3	
	χ^2	p-value	χ^2	p-value	χ^2	p-value	χ^2	p-value
Whole model	9.385	0.226	10.587	0.158	13.020	0.072	17.161	0.016
Factors								
Season	1.028	0.311	2.573	0.109	0.492	0.483	12.984	0.0003
Female mating status	2.080	0.149	1.644	0.120	1.705	0.192	0.839	0.360
Male mating status	0.331	0.565	1.263	0.261	4.193	0.040	0.012	0.914
Season * Female m. status	2.319	0.128	0.239	0.625	2.282	0.131	0.283	0.595
Season * Male m. status	2.615	0.106	1.143	0.285	1.967	0.161	0.191	0.662
F. mating status * M. mating status	1.532	0.216	1.798	0.180	3.071	0.080	0.015	0.904
Season * F. mating status * M. mating status	0.268	0.605	0.507	0.477	0.303	0.5821	0.026	0.871
	Male							
	Courting		PC1		PC2		PC3	
	χ^2	p-value	χ^2	p-value	χ^2	p-value	χ^2	p-value
Whole model	11.327	0.125	27.570	0.0003	5.212	0.634	7.425	0.386
Factors								
Season	4.824	0.028	12.932	0.0003	0.197	0.657	0.015	0.902
Female mating status	2.004	0.157	0.001	0.938	0.126	0.722	0.038	0.846
Male mating status	1.046	0.306	2.657	0.103	0.296	0.586	2.864	0.091
Season * Female m. status	2.048	0.152	1.410	0.235	1.567	0.211	0.038	0.847
Season * Male m. status	0.391	0.532	1.668	0.196	0.342	0.558	1.491	0.222
F. mating status * M. mating status	3.446	0.063	2.440	0.118	1.306	0.253	0.287	0.592
Season X F. mating status * M. mating status	0.119	0.730	0.094	0.759	1.708	0.191	1.929	0.165

Significant factors are in bold.