

Table S1. Raw data on the *Apoica gelida* and *Apis mellifera* abundance and landscape attributes collected in southwestern Brazil.

Sampling point	<i>Apoica gelida</i>			<i>Apis mellifera</i>		
	Abundance	Wing size	Wing variance	Abundance	Wing size	Wing variance
P01	144	mean = 2397.699, sd = 60.06665	3608.00	72	mean = 1088.852, sd = 20.87306	435.68
P02	181	mean = 2423.072, sd = 45.55966	2075.68	133	mean = 1049.586, sd = 20.96346	439.47
P03	135	mean = 2397.122, sd = 65.57438	4300	144	mean = 1055.936, sd = 16.96099	287.68
P04	421	mean = 2412.643, sd = 40.90878	1673.53	80	mean = 1045.251, sd = 19.81778	392.74
P05	45	mean = 2414.219, sd = 69.79895	4871.89	22	mean = 1057.123, sd = 21.55304	464.53
P06	714	mean = 2438.685, sd = 44.70446	1998.49	48	mean = 1056.278, sd = 13.25341	175.65
P07	189	mean = 2455.156, sd = 44.0246	1938.17	11	mean = 1061.065, sd = 22.99789	528.90
P08	603	mean = 2439.83, sd = 57.89789	3352.17	284	mean = 1038.617, sd = 21.69124	470.51
P09	108	mean = 2417.086, sd = 68.68047	4717.01	18	mean = 1043.133, sd = 28.08815	788.94
P10	558	mean = 2483.512, sd = 40.52933	1642.63	3612	mean = 1046.875, sd = 18.8925	356.93
P11	148	mean = 2418.18, sd = 54.74886	2997.44	28	mean = 1052.987, sd = 23.19335	537.93
P12	635	mean = 2408.455, sd = 73.90511	5461.97	108	mean = 1047.114, sd = 24.02572	577.24
P13	190	mean = 2397.426, sd = 43.49651	1891.95	62	mean = 1049.932, sd = 18.38537	338.02
P14	153	mean = 2377.749, sd = 99.51139	9902.52	551	mean = 1064.607, sd = 18.75249	351.66
P15	87	mean = 2387.866, sd = 80.30228	6448.46	422	mean = 1062.686, sd = 18.65151	347.88
P16	98	mean = 2434.72, sd = 63.97495	4092.79	30	mean = 1061.87, sd = 24.68342	609.27
P17	252	mean = 2452.857, sd = 44.13465	1947.87	13	mean = 1051.915, sd = 24.77137	613.62
P18	222	mean = 2431.774, sd = 50.86585	2587.34	67	mean = 1049.888, sd = 24.94591	622.30
P19	296	mean = 2361.17, sd = 49.49853	2450.10	50	mean = 1056.244, sd = 24.75264	612.69