

Table 1. Estimated parameters from a spatio-temporal point process model used to estimate koala population densities in South-East Queensland between 1997 and 2013.

Spatial covariate	Estimate	Lower limit	Upper limit
Distance to primary roads (meters)	-0.00015	-0.000155197	-0.000136904
Land lot density (number of lots per square kilometre)	0.000539	0.000479434	0.000597779
Mean temperature of the hottest month (centigrade)	-0.00516	-0.006773806	-0.003551814
Mean temperature of the coldest month (centigrade)	2.568321	2.439313189	2.697328067
Precipitation of the driest month (millimetres)	-0.06207	-0.073965747	-0.05017446
Precipitation of the wettest month (millimetres)	-1.01564	-1.096713669	-0.934573463
Mean elevation from the sea level (meters)	-0.01119	-0.012365065	-0.010011923
Foliage projective cover (proportion)	-0.00165	-0.002432723	-0.00087658
theta_1 (mating season)	2.005647	1.922106731	2.092817492
theta_2 (non mating season)	2.029653	1.942092643	2.121161334
Phi (Sale interaction)	1.633132	1.526948636	1.746698484