

Appendix 2. Candidate independent predictor variables for models of nest occurrence in 2005. Variables highlighted in bold were selected for further multivariable logistic regression based on significance of univariable likelihood ratio tests and ecological interest. Note the high variance inflation factors (VIF) for landscape variables. Variable codes and descriptions in Table 1.

	Index	Candidate variables	Collinearity Statistics				
			-2LL	df	Sig.	Tolerance	VIF
Cover (w/in 1 km)	1	FC	4.22	1	0.04	0.00	2830.16
	2	NN	0.00	1	0.95	0.07	15.12
Structural connectivity variables (w/in 1 km)	3	TE	0.36	1	0.55	0.06	15.77
	4	LPA	5.85	1	0.02	0.01	85.56
	5	SA	4.39	1	0.04	0.01	212.38
	6	PA	2.46	1	0.12	0.04	27.58
	7	MPA	0.26	1	0.61	0.00	1140.80
	8	NP	0.20	1	0.66	0.00	548.36
	9	AC_f	1.43	1	0.23	0.03	36.37
Functional connectivity variables (w/in 1 km)	10	PI_f	1.93	1	0.16	0.01	136.75
	12	AC_m	3.63	1	0.06	0.00	1927.40
	14	PI _m	0.15	1	0.70	0.01	154.85
	15	DT	0.04	1	0.83	0.01	216.25
	16	DC	6.15	1	0.01	0.03	31.07
	17	RPI_f	10.36	1	0.00	0.00	318.69
	18	RPI_m	7.97	1	0.00	0.00	772.17