

Appendix 3

Detecting collinearity in the spatial regression models of the three *Larus* species. Tolerance and VIF values were calculated using the *olsrr* package in R (Hebbali 2020).

Table A3.1. Tolerance and Variance Inflation Factor (VIF) values from the models fitting together all the predictor variables. VIF > 10 suggests important collinearity issues, while VIF > 5 requires to be investigated.

Species	Predictor variable	Tolerance	VIF
GBBG	Fishery landings	0.585	1.71
	Mink farms	0.158	6.34
	Subtidal	0.673	1.48
	Grassland	0.060	16.54
	Built-up	0.106	9.46
LBBG	Fishery landings	0.195	5.14
	Mink farms	0.020	50.80
	Subtidal	0.142	7.07
	Grassland	0.003	307.08
	Built-up	0.008	128.63
HG	Fishery landings	0.541	1.85
	Mink farms	0.134	7.45
	Subtidal	0.499	2.00
	Grassland	0.044	22.78
	Built-up	0.102	9.82

Table A3.2. Tolerance and Variance Inflation Factor (VIF) values from the best fitting model for Herring Gulls (*L. argentatus*).

Species	Predictor variable	Tolerance	VIF
HG	Subtidal	0.918	1.09
	Mink farms	0.870	1.15
	Built-up	0.818	1.22