

Table S3. Coefficients of selection for the distance to land cover classes obtained from GLMM modelling of brown bears locations in northern Sweden during pre-calving, reindeer calving, moose calving, and post-calving periods.

	Pre-Calving			Reindeer Calving			Moose Calving			Post-Calving		
	Coefficient	Std. Error	P-Value	Coefficient	Std. Error	P-Value	Coefficient	Std. Error	P-Value	Coefficient	Std. Error	P-Value
Intercept	-2.475	0.094	<0.001	-2.281	0.058	<0.001	-2.310	0.024	<0.001	-2.347	0.038	<0.001
Water	0.050	0.016	<0.01	0.069	0.004	<0.001	0.005	0.006	0.43	-0.034	0.005	<0.001
Wetland	-0.122	0.016	<0.001	-0.025	0.004	<0.001	-0.167	0.006	<0.001	-0.096	0.005	<0.001
Open Area	-0.312	0.017	<0.001	-0.030	0.004	<0.001	0.127	0.005	<0.001	0.108	0.005	<0.001
Deciduous Forest	-0.007	0.015	0.61	0.046	0.004	<0.001	-0.172	0.006	<0.001	-0.297	0.005	<0.001
Coniferous Forest	-0.507	0.018	<0.001	-0.154	0.004	<0.001	-0.047	0.005	<0.001	-0.072	0.004	<0.001
Coniferous Lichen Forests	0.399	0.012	<0.001	0.090	0.004	<0.001	0.095	0.005	<0.001	0.086	0.0045	<0.001
Coniferous Moss Forests	0.034	0.016	<0.05	0.078	0.005	<0.001	0.111	0.006	<0.001	0.232	0.005	<0.001
Mixed Forests	0.424	0.017	<0.001	0.268	0.005	<0.001	0.162	0.006	<0.001	0.025	0.006	<0.001
Old Clear Cuts	0.269	0.014	<0.001	0.011	0.004	<0.05	-0.105	0.006	<0.05	-0.033	0.005	<0.001
Young Forests	-0.140	0.023	<0.001	0.187	0.006	<0.001	0.143	0.008	<0.001	-0.244	0.008	<0.001
Public Roads with regular traffic	-0.349	0.024	<0.001	0.049	0.007	<0.001	-0.030	0.008	<0.001	0.043	0.007	<0.001
Gravel Roads	0.352	0.021	<0.001	-0.130	0.005	<0.001	-0.123	0.007	<0.001	0.302	0.006	<0.001
TRI	-0.257	0.015	<0.001	0.026	0.004	<0.001	-0.013	0.005	<0.05	-0.146	0.005	<0.001