

Table 1: Estimates for population-level logistic regressions, showing the relationship of the proportion of selfed seeds or proportion of immigrants per population with population size (number of flowering plants) and landscape composition (forest and seminatural habitat) measured at increasing radii from population centroids. Standard errors of model estimates are given (SE). The best fitting model for each predictor type was selected as the model with the lowest residual deviance. Model significance was assessed with analysis of deviance with F-tests (proportion selfed) or Chi-square tests (proportion immigrant) and significant models are marked with asterisks.

Predictor	Proportion selfed		Proportion immigrant	
	Estimate (SE)	Deviance	Estimate (SE)	Deviance
Number of flowering plants	-0.04 (0.02)	30.14*	0.02 (0.008)	4.33**
Forest measured at scale:				
50 m	5.35 (2.85)	38.7	-2.33 (1.42)	9.23
100 m	0.81 (0.52)	43.8	-0.61 (0.25)	5.58*
250 m	0.08 (0.07)	51.7	-0.08 (0.03)	5.17**
500 m	0.02 (0.02)	55.7	-0.02 (0.01)	5.29**
1000 m	0.005 (0.01)	55.9	-0.01 (0.002)	6.98*
Seminatural habitat measured at scale:				
50 m	-1.10 (4.64)	64.5	-0.95 (1.87)	11.7
100 m	-0.44 (1.12)	63.7	0.50 (0.50)	10.9
250 m	0.07 (0.16)	62.9	0.05 (0.06)	11.3
500 m	0.002 (0.05)	65.2	0.03 (0.02)	9.1
1000 m	-0.01 (0.01)	52.0	0.01 (0.005)	5.9*

\*  $P < 0.05$ ; \*\*  $P < 0.01$