

Table S15. Estimated proportion from the multinomial model of each (mis)alignment in natural conditions (i.e., with neighbors) and at the plot scale and for each species.

Species	(Mis)alignment	Estimated proportion	95% CI
Bromus hordeaceus	i. aligned present	0.08	0.05, 0.11
Bromus hordeaceus	ii. sink	0.31	0.26, 0.35
Bromus hordeaceus	iii. dispersal limitation	0.13	0.1, 0.16
Bromus hordeaceus	iv. aligned absent	0.48	0.43, 0.53
Festuca microstachys	i. aligned present	0.20	0.16, 0.23
Festuca microstachys	ii. sink	0.45	0.41, 0.5
Festuca microstachys	iii. dispersal limitation	0.07	0.05, 0.09
Festuca microstachys	iv. aligned absent	0.28	0.24, 0.32
Micropus californicus	i. aligned present	0.02	0, 0.03
Micropus californicus	ii. sink	0.64	0.59, 0.68
Micropus californicus	iii. dispersal limitation	0.01	0, 0.01
Micropus californicus	iv. aligned absent	0.34	0.3, 0.39
Plantago erecta	i. aligned present	0.18	0.14, 0.22
Plantago erecta	ii. sink	0.35	0.3, 0.39
Plantago erecta	iii. dispersal limitation	0.09	0.06, 0.12
Plantago erecta	iv. aligned absent	0.38	0.33, 0.43