Table S1. Comparison of the likelihood of model fit for null, linear and polynomial models of response variable to the distance gradient (DG) and behavior. AICc: Akaike Information Criterion corrected; ΔAICc: difference in AICc between the model and the model with the smallest AICc; AICcWt: model weight according to ΔAICc. Values in bold represent the best models.

Response	Model	AICc	Delta AICc	AICc Wt
Abundance	DG * behavior (polynomial)	546.10	4.23	0.11
	DG + behavior (polynomial)	**542.01**	**0.00**	**0.89**
	DG * behavior (linear)	564.10	22.09	0.00
	DG + behavior (linear)	564.72	22.71	0.00
	Null	645.61	103.60	0.00
Predatory mite dissimilarity	DG (polynomial)	**-46.48**	**0.00**	**1.00**
	DG (linear)	-23.74	22.74	0.00
	Null	-10.15	36.34	0.00
Herbivorous mite dissimilarity	DG (polynomial)	**-60.02**	**0.00**	**1.00**
	DG (linear)	-46.86	13.16	0.00
	Null	-38.05	21.97	0.00