

Appendix 8.

Bayesian p-values for half-normal and negative-exponential formulations of winter and spring community detection models when model included no other detection covariates. Values closer to 0.5 indicate better fit.

Model	Bayesian p-value
Winter half-normal	0.00
Winter negative-exponential	0.07
Spring half-normal	0.00
Spring negative-exponential	0.41