Appendix 2: Summary of models (model weights ≥ 0.01) assessing nest-site selection by Roseate Terns on Gull Island, Nova Scotia, in 2018. All models include an intercept term.

Model	$K^{\dagger}$	log-likelihood	AICc[‡]	ΔAICc[§]	w_i[|]
lateral cover + overhead cover	3	-34.14	74.64	0.00	0.10
lateral cover + no. intrasp. nests ≤ 2 m + overhead cover	4	-33.11	74.83	0.19	0.09
lateral cover + no. intersp. nests ≤ 2 m + no. intrasp. nests ≤ 1 m	4	-33.17	74.96	0.32	0.09
lateral cover + no. intrasp. nests ≤ 1 m	3	-34.32	75.00	0.36	0.09
lateral cover + + no. intrasp. nests ≤ 1 m + overhead cover	4	-33.21	75.05	0.40	0.08
lateral cover + no. intersp. nests ≤ 2 m + overhead cover	4	-33.27	75.15	0.51	0.08
lateral cover + no. intersp. nests ≤ 2 m + no. intrasp. nests ≤ 1 m + overhead cover	5	-32.12	75.18	0.54	0.08
lateral cover + no. intrasp. nests ≤ 2 m	3	-34.53	75.42	0.78	0.07
lateral cover + no. intersp. nests ≤ 2 m + no. intrasp. nests ≤ 2 m + overhead cover	5	-32.49	75.91	1.27	0.05
lateral cover	2	-36.07	76.31	1.67	0.04
lateral cover + no. intersp. nests ≤ 2 m + no. intrasp. nests ≤ 2 m	4	-33.97	76.55	1.90	0.04
lateral cover + no. intersp. nests ≤ 2 m	3	-35.15	76.67	2.03	0.04
lateral cover + no. intrasp. nests ≤ 1 m + no. intrasp. nests ≤ 2 m + overhead cover	5	-32.98	76.90	2.26	0.03
lateral cover + no. intrasp. nests ≤ 1 m + no. intrasp. nests ≤ 2 m	4	-34.15	76.91	2.27	0.03
lateral cover + no. intersp. nests ≤ 2 m + no. intrasp. nests ≤ 1 m + no. intrasp. nests ≤ 2 m	5	-33.17	77.27	2.63	0.03

lateral cover + no. intersp. nests ≤ 2 m + no. intrasp. nests ≤ 1 m + no. intrasp. nests ≤ 2 m + overhead cover	6	-32.09	77.52	2.88	0.02
no. intersp. nests ≤ 2 m + no. intrasp. nests ≤ 1 m + overhead cover	4	-35.85	80.32	5.68	0.01
no. intersp. nests ≤ 2 m + overhead cover	3	-37.06	80.48	5.84	0.01

†Number of parameters in model.

‡Akaike's Information Criterion (corrected for small sample sizes).

§Difference in Akaike's Information Criterion (corrected for small sample sizes) values between the model in question and the most parsimonious model.

|Measure of relative support for the model in question (model weight).