

Ecosphere

Shorescape-level factors drive distribution and condition of a salt marsh facilitator (*Guekensia demissa*)

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Appendix S2

Table S1 – Model selection table comparing the relative AICc weights of each model that was run for mussel density.

Model	K	AICc	Δ AICc	Model Lik	AICc Wt	LL	Cum. Wt
Mussel Density ~ Spartina stems + Forest	4	108.51	0.00	1.00	0.28	-49.45	0.28
Mussel Density ~ Spartina stems + Water	4	108.69	0.18	0.91	0.25	-49.54	0.53
Mussel Density ~ Spartina stems + Water + Forest	5	109.67	1.16	0.56	0.16	-48.59	0.69
Mussel Density ~ Spartina stems	3	110.48	1.97	0.37	0.10	-51.78	0.79
Mussel Density ~ Spartina stems + Forest + Ag	5	111.34	2.84	0.24	0.07	-49.42	0.86
Mussel Density ~ Spartina stems + Water + Ag	5	111.59	3.08	0.21	0.06	-49.54	0.92
Mussel Density ~ Spartina stems + Water + Forest + Ag	6	112.59	4.08	0.13	0.04	-48.47	0.95
Mussel Density ~ Spartina stems + Ag	4	112.74	4.23	0.12	0.03	-51.57	0.99
Mussel Density ~ Water	3	116.00	7.50	0.02	0.01	-54.54	0.99
Mussel Density ~ Water + Forest	4	117.75	9.25	0.01	0.00	-54.08	1.00
Mussel Density ~ Water + Ag	4	118.40	9.89	0.01	0.00	-54.40	1.00
Mussel Density ~ Forest	3	120.57	12.07	0.00	0.00	-56.83	1.00
Mussel Density ~ Water + Forest + Ag	5	120.58	12.08	0.00	0.00	-54.04	1.00
Mussel Density ~ Forest + Ag	4	122.59	14.08	0.00	0.00	-56.49	1.00
Mussel Density ~ Ag	3	122.65	14.14	0.00	0.00	-57.86	1.00
Mussel Density ~ 1	2	122.76	14.25	0.00	0.00	-59.16	1.00