

Supplementary material

Nesting ecology of flatback sea turtles *Natator depressus* from Delambre Island, Western Australia

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Table S1. Approximated correlation value between predictor pairs

Pairs with a value of 0.3 or greater (highlighted in bold) were excluded from being in a model together. Moon, percentage of the moon illuminated; Tide, height of night time high tide; Hour, hour of the night time high tide; Side, side of the island (east or west); Wind, the combined factor variable of wind speed and direction

	Moon	Tide	Hour	Humidity	Temperature	Side	Sector	Wind
Moon	1	0.21	0.23	0.27	0.36	0	0	0.07
Tide	0.4	1	0.91	0.24	0.26	0	0	0.05
Hour	0.3	0.4	1	0.3	0.23	0	0	0.02
Humidity	0.25	0.11	0.27	1	0.28	0	0	0.19
Temperature	0.14	0.27	0.14	0.29	1	0	0	0.51
Side	0	0	0	0	0	1	1	0
Sector	0	0	0	0	0	0.52	1	0
Wind	0.05	0.03	0.01	0.13	0.39	0	0	1

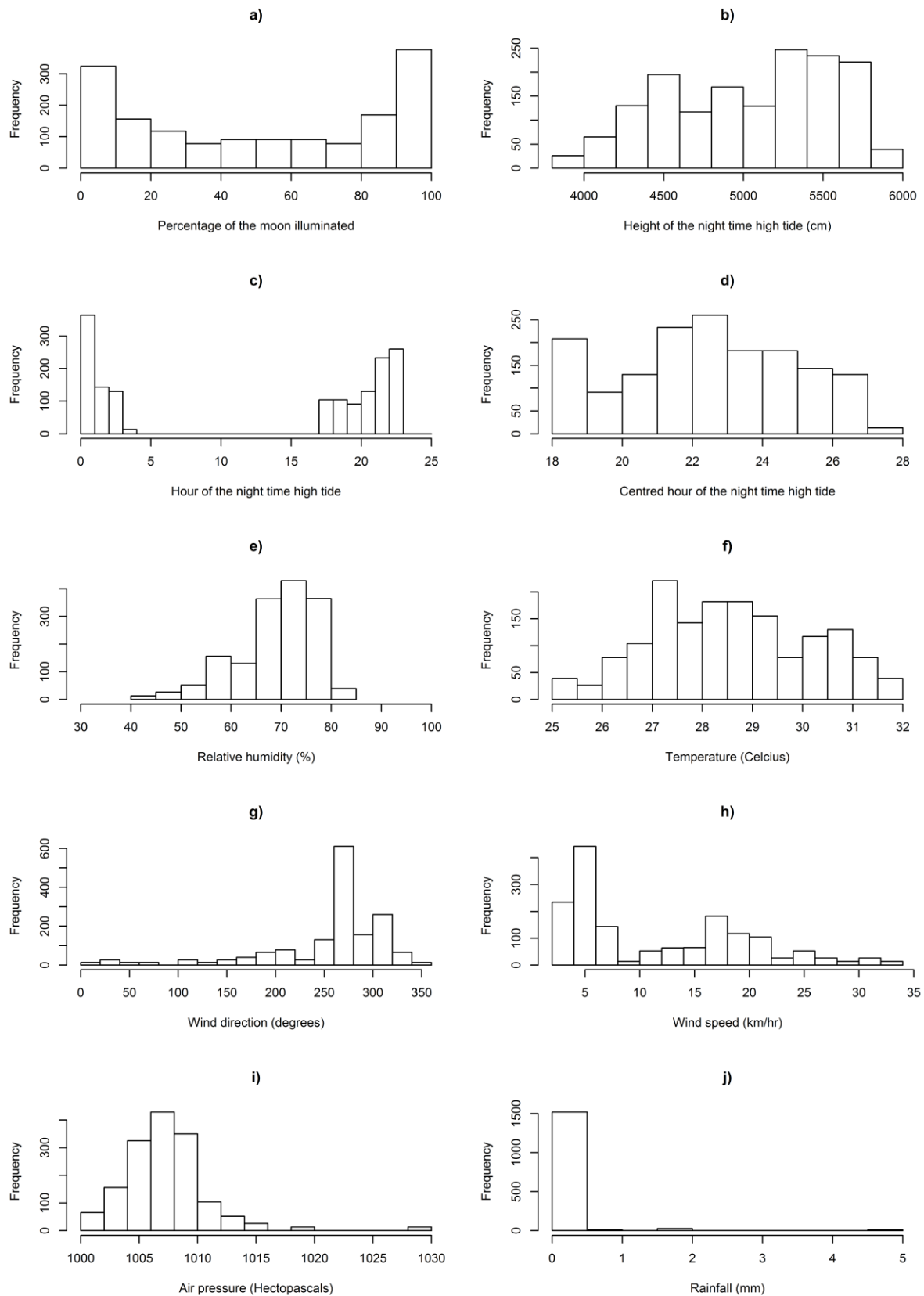


Fig. S1. Histograms of continuous covariates.