

## Supplementary Material

Determining sea turtle responses to vessel traffic using passive in situ monitoring

Marine Biology

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**Supplementary Table 1:** Top 10 models ranked based on the Akaike information criterion (AIC), for explaining the turtle hourly residency. An asterisk represents an interaction term.

Predictors	AIC	$\Delta$ AIC	Weight
Array location, Boat passages, Array * Boat passages	817.096	0.000	0.279
Array location, Boat passages	817.153	0.058	0.271
Diel period, Array location, Boat passages, Array location * Boat Passages	818.439	1.343	0.143
Diel period, Array location, Boat passages	818.454	1.358	0.142
Diel period, Array location, Boat passages, Diel period * Boat passages, Array location * Boat passages	819.923	2.827	0.068
Diel period, Array location, Boat passages, Diel period * Boat passages	819.981	2.885	0.066
Array location	822.184	5.088	0.022
Diel period, Array location	823.958	6.862	0.009
Diel period, Boat passages	835.006	17.911	0.000
Diel period, Boat passages, Diel period * Boat passages	836.393	19.298	0.000