

## Supplementary Material

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

Marine Biology

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**Supplementary Table 2:** 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	-529.181	0.000	0.216
Day type, Array location	-528.330	0.851	0.141
Diel period, Array location	-527.640	1.541	0.100
Day type, Diel period, Array location, Day type * Diel period	-527.379	1.802	0.088
Day Type, Diel period, Array location	-527.010	2.171	0.073
Day Type, Array location, Day Type * Array location	-526.578	2.603	0.059
Diel period, Array location, Diel Period * Array location	-526.540	2.641	0.058
Day Type, Diel period, Array location, Day type * Diel period, Diel Period * Array location	-526.355	2.827	0.052
Day Type, Diel period, Array location, Day type * Diel period, Day Type * Array location	-526.238	2.943	0.050
Day Type, Diel period, Array location, Diel period * Array location	-525.854	3.327	0.041