

Supplementary Material

Spatial and temporal variation of marine megafauna off coastal beaches of south-eastern Queensland, Australia

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Table S1: Model output for air-breathing megafauna sightability (presence) GLM run on whole dataset.

	χ^2 value	d.f.	P-value
Location	590.74	4	<0.001
Month	16.10	11	0.138
Turbidity	8.28	1	0.004

Table S2: Model output for non-air-breathing megafauna sightability (presence) GLM run on whole dataset.

	χ^2 value	d.f.	P-value
Location	1192.51	4	<0.001
Month	121.85	11	<0.001
logRain	38.6	1	<0.001
Turbidity	26.19	1	<0.001

Table S3: Model output for leopard shark (*S. tigrinum*) temporal variation GLM run on the whole dataset.

	χ^2 value	d.f.	P-value
Month	294.747	11	<0.001

Table S4: Model output for turtle (Cheloniidae) temporal variation GLM run on the whole dataset.

	χ^2 value	d.f.	P-value
Month	84.861	11	<0.001