

# Supplementary Material: Spatial, temporal and demographic patterns of cetacean strandings in the northcentral Gulf of Mexico

MACKENZIE L. RUSSELL<sup>1</sup>, JENNIFER C. G. BLOODGOOD<sup>1,2</sup> AND RUTH H. CARMICHAEL<sup>1,2</sup>

Contact Email: [mrussell@disl.org](mailto:mrussell@disl.org)

Supplemental Table 1

Dunn's Posthoc Test results for individual comparisons of the number of strandings in each size class from 2009–18. Results are shown for all years and excluding the outlier year (2011). P-values are shown without ('p-value') and with ('Adj. p-value') Bonferroni corrections. Significant p-values are shown in bold.

Group 1	Group 2	All Years			Excluding Outlier Year (2011)		
		Test statistic (Z)	p-value	Adj. p-value	Test statistic (Z)	p-value	Adj. p-value
Foetus	Perinate	0.86	0.39	1.00	1.04	0.30	1.00
Foetus	Calf	-0.074	0.94	1.00	-0.32	0.75	1.00
Foetus	Subadult	2.69	<b>&lt;0.01</b>	0.07	2.97	<b>&lt;0.01</b>	<b>0.03</b>
Foetus	Adult	2.08	<b>&lt;0.04</b>	0.37	-2.5	<b>0.01</b>	0.12
Perinate	Calf	-0.94	0.35	1.00	0.72	0.47	1.00
Perinate	Subadult	1.82	0.07	0.69	1.92	0.05	0.54
Perinate	Adult	1.22	0.22	1.00	-1.46	0.14	1.00
Calf	Subadult	2.76	<b>&lt;0.01</b>	0.06	2.64	<b>&lt;0.01</b>	0.08
Calf	Adult	2.16	<b>0.03</b>	0.31	-2.18	<b>&lt;0.03</b>	0.29
Subadult	Adult	-0.60	0.55	1.00	0.46	0.64	1.00