

### Supplementary Table

Posterior probabilities of the mean differences in marginal increment (MI) between bimesters (b) for round stingrays (*Urobatis halleri*) sampled during 2007–2012 in the southern Gulf of California in Mexico. The bimesters are as follows: January–February (1), March–April (2), May–June (3), July–August (4), September–October (5), and November–December (6). SD=standard deviation; 95% CI=Bayesian credible intervals for the mean;  $BF_{10}$ =Bayes factor of alternative hypothesis ( $H_1$ ) against null hypothesis ( $H_0$ ) ( $BF_{10}=H_1/H_0$ ); error %=the error of the Gaussian quadrature integration routine used by the BayesFactor package in statistical software R for the computation of the  $BF_{10}$

Bimesters for MI comparison	Posterior probability of the difference. Mean, SD (95% CI)	$BF_{10} \pm$ error %	Evidence against $H_0$
b(1-2)	-0.04, 0.060 (-0.16–0.40)	0.31 $\pm$ 0.01	Null
b(1-3)	-0.09, 0.084 (-0.26–0.06)	0.59 $\pm$ 0.01	Null
b(1-4)	0.19, 0.13 (0.07–0.34)	1.41 $\pm$ 0.00	Anectodal
b(1-5)	0.08, 0.06 (-0.03–0.20)	0.61 $\pm$ 0.00	Null
b(1-6)	-0.15, 0.094 (-0.34–0.02)	1.30 $\pm$ 0.00	Anectodal
b(2-3)	-0.008, 0.07 (-0.15–0.13)	0.332 $\pm$ 0.02	Null
b(2-4)	0.25, 0.12 (0.01–0.51)	4.17 $\pm$ 0.01	Substantial
b(2-5)	0.12, 0.063 (0.003–0.25)	2.12 $\pm$ 0.00	Null
b(2-6)	-0.10, 0.091 (-0.29–0.06)	0.69 $\pm$ 0.00	Null
b(3-4)	0.25, 0.13 (-0.07–0.53)	3.33 $\pm$ 0.00	Substantial
b(3-5)	0.12, 0.08 (-0.27–0.29)	1.25 $\pm$ 0.00	Anectodal
b(3-6)	-0.06, 0.11 (-0.29–0.15)	0.44 $\pm$ 0.00	Null
b(4-5)	-0.12, 0.11 (-0.35–0.08)	0.88 $\pm$ 0.02	Null
b(4-6)	-0.33, 0.19 (-0.74–0.34)	2.52 $\pm$ 0.01	Anectodal
b(5-6)	-0.24, 0.10 (-0.44– -0.04)	6.64 $\pm$ 0.01	Substantial