

Effect of sublethal predation on reproductive output of the crown-of-thorns starfish *Acanthaster* sp., with an overview of arm damage

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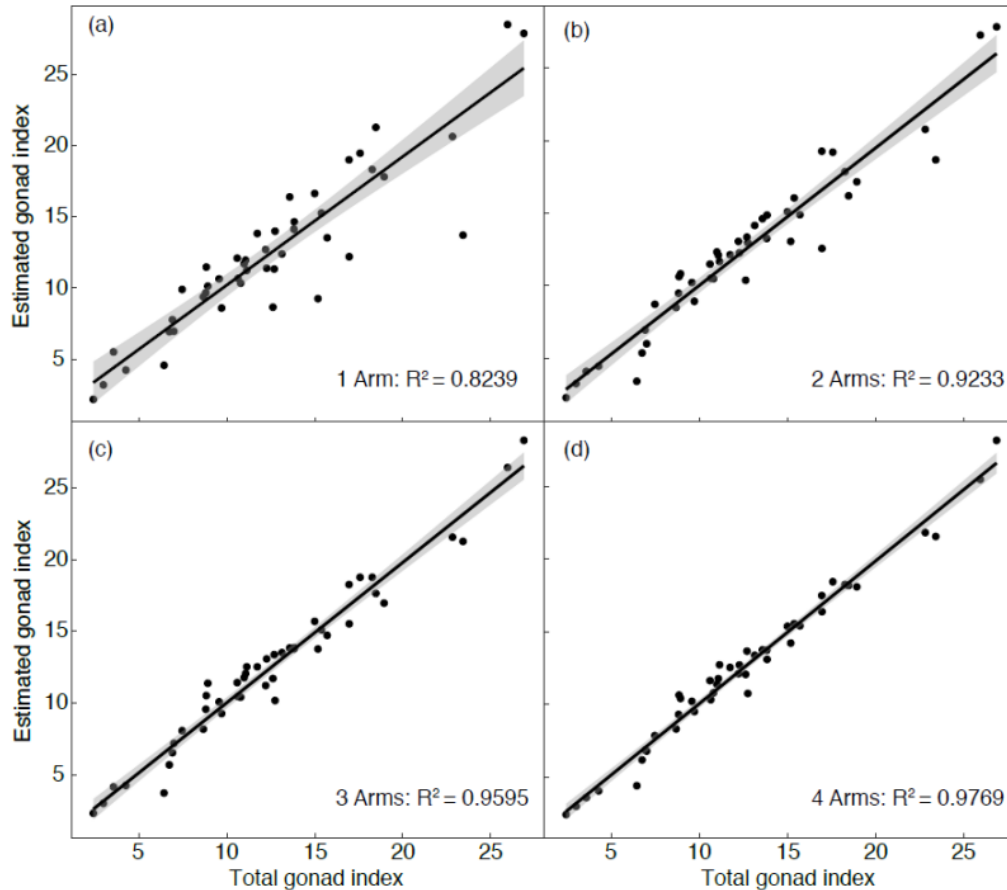


Figure S1: Extrapolations using gonads from 1, 2, 3 and 4 (a-d) randomly selected arms per starfish. Grey regions represent the 95% confidence interval for the fit.

Reef	No. of damaged arms (I)	No. of damaged arms (J)	Mean Difference (I - J)	p-value	95% confidence interval for difference	
					Lower bound	Upper bound
Davies	1 – 2	0	-2.136	0.924	-7.513	3.240
	3 – 4	0	-6.505	0.039	-12.826	-0.185
	5+	0	-7.369	0.055	-14.818	0.079
Lynch's	1 – 2	0	0.700	0.999	-2.828	4.228
	3 – 4	0	1.219	0.992	-3.419	5.856
	5+	0	-1.739	0.996	-8.990	5.512

Table S1: Simple main effects comparison of the gonad index (%) for CoTS with different numbers of damaged arms at Davies and Lynch's Reefs compared to the uninjured control.