

The influence of food supply on the response of *Olympia* oyster larvae to ocean acidification

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Table S1. Analysis of variance for *Ostrea lurida* larval growth at day 5.

Source of variation	<i>df</i>	<i>F-ratio</i>	<i>p-value</i>
<i>p</i> CO ₂	1	3.361	0.092
Headspace[<i>p</i> CO ₂]	4	0.569	0.690
Food	2	4.299	0.039*
<i>p</i> CO ₂ x Food	2	0.257	0.778
Food x Headspace[<i>p</i> CO ₂]	8	0.965	0.504
Error	12		

Table S2. Analysis of variance for *Ostrea lurida* larval growth at day 9.

Source of variation	<i>df</i>	<i>F-ratio</i>	<i>p-value</i>
<i>p</i> CO ₂	1	2.081	0.175
Headspace[<i>p</i> CO ₂]	4	1.138	0.385
Food	2	10.994	0.005*
<i>p</i> CO ₂ x Food	2	0.039	0.962
Food x Headspace[<i>p</i> CO ₂]	8	0.297	0.953
Error	12		

Table S3. Analysis of variance for *Ostrea lurida* larval growth at day 11.

Source of variation	<i>df</i>	<i>F-ratio</i>	<i>p-value</i>
<i>p</i> CO ₂	1	4.893	0.047*
Headspace[<i>p</i> CO ₂]	4	0.250	0.904
Food	2	3.948	0.048*
<i>p</i> CO ₂ x Food	2	0.337	0.720
Food x Headspace[<i>p</i> CO ₂]	8	0.685	0.698
Error	12		

Table S4. Analysis of variance for *Ostrea lurida* larval total dry weight at day 5.

Source of variation	<i>df</i>	<i>F-ratio</i>	<i>p-value</i>
<i>p</i> CO ₂	1	16.408	0.0012*
Headspace[<i>p</i> CO ₂]	4	4.689	0.019*
Food	2	12.580	0.001*
<i>p</i> CO ₂ x Food	2	12.755	0.001*
Food x Headspace[<i>p</i> CO ₂]	8	3.176	0.040*
Error	11		

Table S5. Analysis of variance for *Ostrea lurida* larval total dry weight at day 9.

Source of variation	<i>df</i>	<i>F-ratio</i>	<i>p-value</i>
<i>p</i> CO ₂	1	1.803	0.206
Headspace[<i>p</i> CO ₂]	4	3.158	0.059
Food	2	10.436	0.003*
<i>p</i> CO ₂ x Food	2	0.866	0.448
Food x Headspace[<i>p</i> CO ₂]	8	1.150	0.404
Error	11		

Table S6. Analysis of variance for *Ostrea lurida* larval total dry weight at day 11.

Source of variation	<i>df</i>	<i>F-ratio</i>	<i>p-value</i>
<i>p</i> CO ₂	1	3.479	0.089
Headspace[<i>p</i> CO ₂]	4	1.006	0.445
Food	2	37.540	<0.0001*
<i>p</i> CO ₂ x Food	2	0.252	0.782
Food x Headspace[<i>p</i> CO ₂]	8	1.144	0.407
Error	11		

Table S7. Analysis of variance for *Ostrea lurida* percent metamorphosis.

Source of variation	<i>df</i>	<i>F-ratio</i>	<i>p-value</i>
<i>p</i> CO ₂	1	62.051	<0.0001*
Headspace[<i>p</i> CO ₂]	4	1.214	0.355
Food	2	6.965	0.010*
<i>p</i> CO ₂ x Food	2	1.687	0.226
Food x Headspace[<i>p</i> CO ₂]	8	0.740	0.658
Error	12		