| 1 year | | | | | | 2 year | | | | | | 3 year | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variables | df | Sum of squares | R² | F | Pr(>F) | Variables | df | Sum of squares | R² | F | Pr(>F) | Variables | df | Sum of squares | R² | F | Pr(>F) |
| Understory macroalgae | | | | | | | | | | | | | | | | | |
| treatment | 1 | 82.825 | 0.004 | 0.486 | 0.643 | treatment | 1 | 264.560 | 0.008 | 1.737 | 0.230 | treatment | 1 | 753.175 | 0.017 | 5.186 | 0.003 |
| time period | 2 | 140.977 | 0.007 | 0.414 | 0.704 | time period | 2 | 795.715 | 0.025 | 2.611 | 0.044 | time period | 2 | 768.191 | 0.017 | 2.645 | 0.031 |
| treatment:time period | 2 | 358.940 | 0.019 | 1.054 | 0.437 | treatment:time period | 2 | 643.092 | 0.020 | 2.111 | 0.087 | treatment:time period | 2 | 609.128 | 0.014 | 2.097 | 0.089 |
| Residual | 108 | 18394.397 | 0.969 | -- | -- | Residual | 202 | 30774.616 | 0.948 | -- | -- | Residual | 294 | 42700.160 | 0.952 | -- | -- |
| Total | 113 | 18977.139 | 1.000 | -- | -- | Total | 207 | 32477.984 | 1.000 | -- | -- | Total | 299 | 44830.654 | 1.000 | -- | -- |
| Sessile invertebrates | | | | | | | | | | | | | | | | | |
| treatment | 1 | 2.426 | 0.007 | 0.874 | 0.384 | treatment | 1 | 11.813 | 0.018 | 4.147 | 0.001 | treatment | 1 | 17.768 | 0.020 | 6.585 | 0.001 |
| time period | 2 | 40.827 | 0.115 | 7.353 | 0.001 | time period | 2 | 61.845 | 0.093 | 10.855 | 0.001 | time period | 2 | 61.913 | 0.070 | 11.473 | 0.001 |
| treatment:time period | 2 | 11.926 | 0.034 | 2.148 | 0.009 | treatment:time period | 2 | 14.580 | 0.022 | 2.559 | 0.001 | treatment:time period | 2 | 17.751 | 0.020 | 3.289 | 0.001 |
| Residual | 108 | 299.810 | 0.845 | -- | -- | Residual | 202 | 575.419 | 0.867 | -- | -- | Residual | 294 | 793.261 | 0.891 | -- | -- |
| Total | 113 | 354.989 | 1.000 | -- | -- | Total | 207 | 663.657 | 1.000 | -- | -- | Total | 299 | 890.693 | 1.000 | -- | -- |