| 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 | 82.768 | 0.004 | 0.485 | 0.635 | treatment | 1 | 141.170 | 0.005 | 1.034 | 0.424 | treatment | 1 | 673.915 | 0.015 | 4.693 | 0.009 |
| time period | 2 | -246.304 | -0.013 | -0.722 | 0.959 | time period | 2 | 182.908 | 0.006 | 0.670 | 0.598 | time period | 2 | 971.743 | 0.022 | 3.383 | 0.004 |
| treatment:time period | 2 | 216.471 | 0.011 | 0.634 | 0.657 | treatment:time period | 2 | 449.310 | 0.015 | 1.645 | 0.200 | treatment:time period | 2 | 541.816 | 0.012 | 1.886 | 0.119 |
| Residual | 114 | 19455.219 | 0.997 | -- | -- | Residual | 208 | 28410.566 | 0.973 | -- | -- | Residual | 294 | 42219.484 | 0.951 | -- | -- |
| Total | 119 | 19508.155 | 1.000 | -- | -- | Total | 213 | 29183.955 | 1.000 | -- | -- | Total | 299 | 44406.958 | 1.000 | -- | -- |
| Sessile invertebrates | | | | | | | | | | | | | | | | | |
| treatment | 1 | 4.824 | 0.013 | 1.692 | 0.073 | treatment | 1 | 12.579 | 0.019 | 4.535 | 0.001 | treatment | 1 | 18.694 | 0.021 | 7.073 | 0.001 |
| time period | 2 | 38.936 | 0.103 | 6.828 | 0.001 | time period | 2 | 58.342 | 0.088 | 10.517 | 0.001 | time period | 2 | 61.208 | 0.070 | 11.579 | 0.001 |
| treatment:time period | 2 | 10.221 | 0.027 | 1.792 | 0.024 | treatment:time period | 2 | 13.679 | 0.021 | 2.466 | 0.001 | treatment:time period | 2 | 17.397 | 0.020 | 3.291 | 0.001 |
| Residual | 114 | 325.041 | 0.858 | -- | -- | Residual | 208 | 576.920 | 0.872 | -- | -- | Residual | 294 | 777.067 | 0.889 | -- | -- |
| Total | 119 | 379.021 | 1.000 | -- | -- | Total | 213 | 661.519 | 1.000 | -- | -- | Total | 299 | 874.366 | 1.000 | -- | -- |