| 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 | 124.531 | 0.007 | 0.730 | 0.556 | treatment | 1 | 111.474 | 0.004 | 0.820 | 0.493 | treatment | 1 | 642.221 | 0.015 | 4.533 | 0.006 |
| time period | 2 | -373.192 | -0.020 | -1.093 | 0.985 | time period | 2 | 358.814 | 0.013 | 1.320 | 0.309 | time period | 2 | 770.415 | 0.018 | 2.719 | 0.027 |
| treatment:time period | 2 | 389.761 | 0.021 | 1.142 | 0.426 | treatment:time period | 2 | 539.928 | 0.019 | 1.986 | 0.148 | treatment:time period | 2 | 574.765 | 0.013 | 2.028 | 0.086 |
| Residual | 106 | 18089.110 | 0.992 | -- | -- | Residual | 200 | 27185.861 | 0.964 | -- | -- | Residual | 294 | 41657.368 | 0.954 | -- | -- |
| Total | 111 | 18230.210 | 1.000 | -- | -- | Total | 205 | 28196.077 | 1.000 | -- | -- | Total | 299 | 43644.769 | 1.000 | -- | -- |
| Sessile invertebrates | | | | | | | | | | | | | | | | | |
| treatment | 1 | 4.029 | 0.012 | 1.499 | 0.092 | treatment | 1 | 10.476 | 0.016 | 3.724 | 0.002 | treatment | 1 | 16.867 | 0.019 | 6.282 | 0.001 |
| time period | 2 | 37.433 | 0.112 | 6.964 | 0.001 | time period | 2 | 55.366 | 0.086 | 9.841 | 0.001 | time period | 2 | 58.380 | 0.066 | 10.871 | 0.001 |
| treatment:time period | 2 | 9.314 | 0.028 | 1.733 | 0.031 | treatment:time period | 2 | 13.084 | 0.020 | 2.326 | 0.002 | treatment:time period | 2 | 16.794 | 0.019 | 3.127 | 0.001 |
| Residual | 106 | 284.873 | 0.849 | -- | -- | Residual | 200 | 562.621 | 0.877 | -- | -- | Residual | 294 | 789.391 | 0.896 | -- | -- |
| Total | 111 | 335.649 | 1.000 | -- | -- | Total | 205 | 641.548 | 1.000 | -- | -- | Total | 299 | 881.432 | 1.000 | -- | -- |