| 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 | 121.446 | 0.006 | 0.719 | 0.553 | treatment | 1 | 114.238 | 0.004 | 0.818 | 0.514 | treatment | 1 | 636.035 | 0.015 | 4.469 | 0.009 |
| time period | 2 | 123.248 | 0.007 | 0.365 | 0.730 | time period | 2 | 639.970 | 0.022 | 2.292 | 0.075 | time period | 2 | 797.596 | 0.018 | 2.802 | 0.026 |
| treatment:time period | 2 | 323.388 | 0.017 | 0.957 | 0.471 | treatment:time period | 2 | 559.527 | 0.019 | 2.004 | 0.104 | treatment:time period | 2 | 553.115 | 0.013 | 1.943 | 0.113 |
| Residual | 108 | 18254.422 | 0.970 | -- | -- | Residual | 202 | 28198.356 | 0.955 | -- | -- | Residual | 294 | 41840.280 | 0.955 | -- | -- |
| Total | 113 | 18822.504 | 1.000 | -- | -- | Total | 207 | 29512.091 | 1.000 | -- | -- | Total | 299 | 43827.026 | 1.000 | -- | -- |
| Sessile invertebrates | | | | | | | | | | | | | | | | | |
| treatment | 1 | 3.062 | 0.009 | 1.103 | 0.240 | treatment | 1 | 11.769 | 0.018 | 4.197 | 0.001 | treatment | 1 | 17.529 | 0.020 | 6.554 | 0.001 |
| time period | 2 | 40.745 | 0.115 | 7.337 | 0.001 | time period | 2 | 60.357 | 0.093 | 10.762 | 0.001 | time period | 2 | 60.016 | 0.068 | 11.220 | 0.001 |
| treatment:time period | 2 | 11.513 | 0.032 | 2.073 | 0.009 | treatment:time period | 2 | 13.334 | 0.020 | 2.378 | 0.003 | treatment:time period | 2 | 17.079 | 0.019 | 3.193 | 0.001 |
| Residual | 108 | 299.871 | 0.844 | -- | -- | Residual | 202 | 566.459 | 0.869 | -- | -- | Residual | 294 | 786.294 | 0.893 | -- | -- |
| Total | 113 | 355.191 | 1.000 | -- | -- | Total | 207 | 651.920 | 1.000 | -- | -- | Total | 299 | 880.917 | 1.000 | -- | -- |