| Community | Variables | Degrees of freedom | Sum of squares | R² | F | p-value |
| --- | --- | --- | --- | --- | --- | --- |
| Understory macroalgae | **Treatment** | 1 | 562.66 | 0.01 | 4.01 | **0.01** |
| **Time period** | 2 | 971.49 | 0.02 | 3.46 | **0.01** |
| Treatment × time period | 2 | 513.92 | 0.01 | 1.83 | 0.13 |
| Residual | 294 | 41,265.28 | 0.95 |  |  |
| Total | 299 | 43,313.35 | 1.00 |  |  |
| Sessile invertebrates | **Treatment** | 1 | 17.45 | 0.02 | 6.67 | **<0.001** |
| **Time period** | 2 | 60.47 | 0.07 | 11.56 | **<0.001** |
| **Treatment × time period** | 2 | 17.14 | 0.02 | 3.27 | **<0.001** |
| Residual | 294 | 769.26 | 0.89 |  |  |
| Total | 299 | 864.32 | 1.00 |  |  |