| 1 year comparison | 2 year comparison | 3 year comparison |  |
| --- | --- | --- | --- |
| Source of variation | df | pseudo-F | p-value | Source of variation | df | pseudo-F | p-value | Source of variation | Degrees of freedom | pseudo-F | p-value | group |
| treatment | 1 | 0.992 | 0.239 | treatment | 1 | 1.999 | **0.008** | time period | 2 | 16.175 | **0.001** | Understory macroalgae |
| time period | 2 | 9.469 | **0.001** | time period | 2 | 16.841 | **0.001** | treatment | 1 | 4.111 | **0.001** | Understory macroalgae |
| treatment:time period | 2 | 1.072 | 0.130 | treatment:time period | 2 | 1.380 | **0.031** | time period:treatment | 2 | 1.719 | **0.003** | Understory macroalgae |
| Residual | 88 | -- | -- | Residual | 184 | -- | -- | Residual | 270 | -- | -- | Understory macroalgae |
| Total | 93 | -- | -- | Total | 189 | -- | -- | Total | 275 | -- | -- | Understory macroalgae |
| treatment | 1 | 4.060 | **0.001** | treatment | 1 | 7.579 | **0.001** | time period | 2 | 11.842 | **0.001** | Sessile invertebrates |
| time period | 2 | 6.065 | **0.001** | time period | 2 | 9.937 | **0.001** | treatment | 1 | 12.074 | **0.001** | Sessile invertebrates |
| treatment:time period | 2 | 0.975 | 0.088 | treatment:time period | 2 | 1.939 | **0.001** | time period:treatment | 2 | 2.667 | **0.001** | Sessile invertebrates |
| Residual | 88 | -- | -- | Residual | 184 | -- | -- | Residual | 270 | -- | -- | Sessile invertebrates |
| Total | 93 | -- | -- | Total | 189 | -- | -- | Total | 275 | -- | -- | Sessile invertebrates |