| 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 | 0.220 | treatment | 1 | 1.999 | **0.011** | 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 | 0.140 | treatment:time period | 2 | 1.380 | **0.021** | time period:treatment | 2 | 1.719 | **0.002** | Understory macroalgae |
| Residual | 88 | -- | -- | Residual | 184 | -- | -- | Residual | 270 | -- | -- | Understory macroalgae |
| Total | 93 | -- | -- | Total | 189 | -- | -- | Total | 275 | -- | -- | Understory macroalgae |
| treatment | 1 | 4.064 | **0.001** | treatment | 1 | 7.572 | **0.001** | time period | 2 | 11.845 | **0.001** | Sessile invertebrates |
| time period | 2 | 6.071 | **0.001** | time period | 2 | 9.942 | **0.001** | treatment | 1 | 12.063 | **0.001** | Sessile invertebrates |
| treatment:time period | 2 | 0.968 | 0.099 | treatment:time period | 2 | 1.927 | **0.001** | time period:treatment | 2 | 2.656 | **0.001** | Sessile invertebrates |
| Residual | 88 | -- | -- | Residual | 184 | -- | -- | Residual | 270 | -- | -- | Sessile invertebrates |
| Total | 93 | -- | -- | Total | 189 | -- | -- | Total | 275 | -- | -- | Sessile invertebrates |