| 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 | 1.523 | **0.047** | treatment | 1 | 2.911 | **0.001** | time period | 2 | 17.222 | **0.001** | Understory macroalgae |
| time period | 2 | 12.890 | **0.001** | time period | 2 | 17.495 | **0.001** | treatment | 1 | 5.473 | **0.001** | Understory macroalgae |
| treatment:time period | 2 | 1.377 | **0.023** | treatment:time period | 2 | 1.648 | **0.005** | time period:treatment | 2 | 1.862 | **0.001** | Understory macroalgae |
| Residual | 108 | -- | -- | Residual | 202 | -- | -- | Residual | 294 | -- | -- | Understory macroalgae |
| Total | 113 | -- | -- | Total | 207 | -- | -- | Total | 299 | -- | -- | Understory macroalgae |
| treatment | 1 | 4.605 | **0.001** | treatment | 1 | 8.923 | **0.001** | time period | 2 | 12.234 | **0.001** | Sessile invertebrates |
| time period | 2 | 6.673 | **0.001** | time period | 2 | 9.709 | **0.001** | treatment | 1 | 13.743 | **0.001** | Sessile invertebrates |
| treatment:time period | 2 | 1.245 | **0.009** | treatment:time period | 2 | 1.963 | **0.001** | time period:treatment | 2 | 2.783 | **0.001** | Sessile invertebrates |
| Residual | 108 | -- | -- | Residual | 202 | -- | -- | Residual | 294 | -- | -- | Sessile invertebrates |
| Total | 113 | -- | -- | Total | 207 | -- | -- | Total | 299 | -- | -- | Sessile invertebrates |