|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **df** | **SS** | **F** | **p** | ***post hoc* tests** |
| **Corals** |  |  |  |  |  |
| Season\*Exposure | 1 | 21.33 | 0.18 | 0.68 |  |
| Season | 1 | 56.33 | 0.47 | 0.51 |  |
| Exposure | 1 | 1083.00 | 9.03 | \* |  |
| Residuals | 8 | 960.0 |  |  |  |
| **Macroalgae** |  |  |  |  |  |
| Season\*Exposure | 1 | 602.10 | 31.97 | \*\*\* |  |
| Season | 1 | 1900.00 | 100.9 | \*\*\* | upwelling she > non-upwelling she (\*\*\*)  upwelling exp > non-upwelling exp (\*) |
| Exposure | 1 | 1430.00 | 75.93 | \*\*\* |  |
| Residuals | 8 | 150.70 |  |  |  |
| **Algal turfs** |  |  |  |  |  |
| Season\*Exposure | 1 | 133.30 | 1.98 | 0.20 |  |
| Season | 1 | 192.00 | 2.86 | 0.13 |  |
| Exposure | 1 | 56.33 | 0.84 | 0.39 |  |
| Residuals | 8 | 538.00 |  |  |  |
| **CCA** |  |  |  |  |  |
| Season\*Exposure | 1 | 5.33 | 0.46 | 0.52 |  |
| Season | 1 | 261.30 | 22.56 | \*\* | non-upwelling exp > upwelling exp (\*)  non-upwelling she > upwelling she (\*\*) |
| Exposure | 1 | 85.33 | 7.37 | \* |  |
| Residuals | 8 | 92.67 |  |  |  |
| **Sand** |  |  |  |  |  |
| Season\*Exposure | 1 | 0.33 | 0.00 | 0.96 |  |
| Season | 1 | 133.30 | 1.32 | 0.28 |  |
| Exposure | 1 | 675.00 | 6.70 | \* |  |
| Residuals | 8 | 806.00 |  |  |  |