|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **df** | **SS** | **F/H** | **p** | ***post hoc* tests** |
| **Corals** |  |  |  |  |  |
| Net productionb | 3 | / | 11.36 | \*\* | non-upwelling she > upwelling she (\*) |
| Gross production | 3 | 69.69 | 0.81 | 0.49 |  |
| Residuals | 57 | 1638 |  |  |  |
| **Macroalgae** |  |  |  |  |  |
| Net productionb | 2 | / | 10.52 | \*\* | non-upwelling she > upwelling she (\*) |
| Gross productionb | 2 | / | 7.15 | \* |  |
| **Algal turfs** |  |  |  |  |  |
| Net productionb | 3 | / | 15.31 | \*\* | upwelling she > non-upwelling she |
| Gross production | 3 | 425.10 | 13.65 | \*\*\* | upwelling she > non-upwelling she (\*\*)  upwelling sheltered > upwelling exp (\*)  upwelling exp > non-upwelling exp (\*) |
| Residuals | 19 | 197.30 |  |  |  |
| **CCA** |  |  |  |  |  |
| Net production | 3 | 76.97 | 8.46 | \*\*\* | non-upwelling exp > non-upwelling she (\*\*\*)  non-upwelling exp > upwelling exp (\*)  upwelling she > non-upwelling she (\*) |
| Residuals | 19 | 57.63 |  |  |  |
| Gross production | 3 | 119.80 | 11.48 | \*\*\* | non-upwelling exp > non-upwelling she (\*\*\*)  non-upwelling exp > upwelling exp (\*\*)  upwelling she > non-upwelling she (\*\*) |
| Residuals | 19 | 66.06 |  |  |  |
| **Microphytobenthos** |  |  |  |  |  |
| Net productionb | 3 | / | 3.83 | 0.28 |  |
| Gross productionb | 3 | / | 7.06 | 0.07 |  |