|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 1.** Results of PERMANOVA testing effects of tissue fraction and nutrition treatment on amino acid carbon and nitrogen isotope values. | | | | | | | | | | | |
| *Factor* | *df* | | | *SS* | | *R2* | | *F* | | *p* | | |
| *Amino acid carbon isotope values* | |  | | |  | |  | |  | |  | | | |
| Fraction | 1 | | | 6.931 | | 0.153 | | 1.724 | | 0.056 | | | |
| Treatment | 2 | | | 7.895 | | 0.174 | | 0.982 | | 0.470 | | | |
| Fraction × Treatment | 2 | | | 6.369 | | 0.141 | | 0.792 | | 0.771 | | | |
| Residual | 6 | | | 24.128 | | 0.532 | |  | |  | | | |
| Total | 11 | | | 45.323 | | 1.000 | |  | |  | | | |
|  |  | | |  | |  | |  | |  | | | |
| *Amino acid nitrogen isotope values* | | |  |  | |  | |  | |  | | | |
| Fraction | 1 | | | 7.065 | | 0.182 | | 2.042 | | **0.017** | | | |
| Treatment | 2 | | | 4.753 | | 0.122 | | 0.687 | | 0.911 | | | |
| Fraction × Treatment | 2 | | | 6.315 | | 0.162 | | 0.912 | | 0.599 | | | |
| Residual | 6 | | | 20.763 | | 0.534 | |  | |  | | | |
| Total | 11 | | | 38.896 | | 1.000 | |  | |  | | | |
| \*‘Fraction’ is host coral or symbiont Symbiodiniaceae tissue. ‘Treatment’ represents combination of Light-by-Feeding nutrition treatments: Light–Not Fed, Light–Fed, Dark–Fed. *SS* = sum of squares; *df* = degrees of freedom; bold *p* values represent significant effects (*p*<0.05). | | | | | | | | | | | |