|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 | | | 0.045 | | 0.134 | | 1.407 | | 0.157 | | | |
| Treatment | 2 | | | 0.052 | | 0.155 | | 0.814 | | 0.688 | | | |
| Fraction × Treatment | 2 | | | 0.048 | | 0.142 | | 0.749 | | 0.769 | | | |
| Residual | 6 | | | 0.192 | | 0.570 | |  | |  | | | |
| Total | 11 | | | 0.337 | | 1.000 | |  | |  | | | |
|  |  | | |  | |  | |  | |  | | | |
| *Amino acid nitrogen isotope values* | | |  |  | |  | |  | |  | | | |
| Fraction | 1 | | | 0.179 | | 0.189 | | 2.147 | | **0.015** | | | |
| Treatment | 2 | | | 0.124 | | 0.130 | | 0.741 | | 0.828 | | | |
| Fraction × Treatment | 2 | | | 0.145 | | 0.153 | | 0.869 | | 0.666 | | | |
| Residual | 6 | | | 0.501 | | 0.528 | |  | |  | | | |
| Total | 11 | | | 0.949 | | 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). | | | | | | | | | | | |