**Statistical Analyses for linear extension**

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| **Multivariate Tests** |
|  | Value | F | Hypothesis df | Error df | Sig. | Partial Eta Squared | Noncent. Parameter | Observed Powerb |
| Pillai's trace | .663 | 9.823a | 1.000 | 5.000 | .026 | .663 | 9.823 | .339 |
| Wilks' lambda | .337 | 9.823a | 1.000 | 5.000 | .026 | .663 | 9.823 | .339 |
| Hotelling's trace | 1.965 | 9.823a | 1.000 | 5.000 | .026 | .663 | 9.823 | .339 |
| Roy's largest root | 1.965 | 9.823a | 1.000 | 5.000 | .026 | .663 | 9.823 | .339 |
| Each F tests the multivariate effect of Time. These tests are based on the linearly independent pairwise comparisons among the estimated marginal means. |
| a. Exact statistic |
| b. Computed using alpha = .01 |

There was a significant difference in linear extension between ambient and temperature injured corals over the 12-day experimental period.

**(F1,5, p < 0.05, n2 = 0.66)**

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| **Multivariate Testsa** |
| Effect | Value | F | Hypothesis df | Error df | Sig. | Partial Eta Squared |
| Treatment | Pillai's Trace | .579 | 6.883b | 1.000 | 5.000 | .047 | .579 |
| Wilks' Lambda | .421 | 6.883b | 1.000 | 5.000 | .047 | .579 |
| Hotelling's Trace | 1.377 | 6.883b | 1.000 | 5.000 | .047 | .579 |
| Roy's Largest Root | 1.377 | 6.883b | 1.000 | 5.000 | .047 | .579 |
| a. Design: Intercept  Within Subjects Design: Treatment |
| b. Exact statistic |