| Trait | Term | Degrees of freedom | Sum of squares | Mean squares | F-statistic | p-value |
| --- | --- | --- | --- | --- | --- | --- |
| Maximum height (cm) | Species | 8 | 192.80 | 24.10 | 173.89 | **<0.001** |
| Residuals | 235 | 32.57 | 0.14 |  |  |
| Thickness (mm) | Species | 8 | 55.14 | 6.89 | 50.75 | **<0.001** |
| Residuals | 235 | 31.91 | 0.14 |  |  |
| Height:Wet weight (cm/wet mg) | Species | 8 | 85.18 | 10.65 | 16.91 | **<0.001** |
| Residuals | 235 | 147.95 | 0.63 |  |  |
| Dry:wet weight | Species | 8 | 59.26 | 7.41 | 102.27 | **<0.001** |
| Residuals | 235 | 17.02 | 0.07 |  |  |
| Height:volume (cm/mL) | Species | 8 | 82.29 | 10.29 | 19.87 | **<0.001** |
| Residuals | 235 | 121.67 | 0.52 |  |  |