| Trait | Term | Degrees of freedom | F-statistic | p-value |
| --- | --- | --- | --- | --- |
| Surface area (mm²) | Species | 8 | 0.75 | 0.65 |
| Residuals | 235 |  |  |
| Surface area:volume (mm²/mL) | Species | 8 | 1.45 | 0.18 |
| Residuals | 235 |  |  |
| Surface area:dry weight (mm²/dry mg) | Species | 8 | 0.56 | 0.81 |
| Residuals | 235 |  |  |
| Surface area:perimeter (mm²/mm) | Species | 8 | 7.84 | **<0.001** |
| Residuals | 235 |  |  |