| Trait | Term | Degrees of freedom | F-statistic | p-value |
| --- | --- | --- | --- | --- |
| Surface area (mm²) | Species | 8 | 19.35 | **<0.001** |
| Residuals | 235 |  |  |
| Surface area:volume (mm²/mL) | Species | 8 | 31.57 | **<0.001** |
| Residuals | 235 |  |  |
| Surface area:dry weight (mm²/dry mg) | Species | 8 | 31.84 | **<0.001** |
| Residuals | 235 |  |  |
| Surface area:perimeter (mm²/mm) | Species | 8 | 27.13 | **<0.001** |
| Residuals | 235 |  |  |