|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Linear mixed effects: Nest wall composition and colony size**  Formula: PropIIWall ~ Number.Colony + (1 | Trial) | | | | | |
| Random effects: | Name | Variance | Std. dev |  |  |
| *Brood* |  |  |  |  |  |
| Trial | (Intercept) | 0.002 | 0.046 |  |  |
| Residual |  | 0.029 | 0.171 |  |  |
| *Workers* |  |  |  |  |  |
| Trial | (Intercept) | 0.004 | 0.066 |  |  |
| Residual |  | 0.027 | 0.165 |  |  |
| Fixed effects: | *β* a | *SE* b | *df* c | *t d* | *p* |
| *Brood* |  |  |  |  |  |
| (Intercept) | 0.743 | 0.057 | 2.824 | 13.010 | **0.001** |
| Number.Colony | 0.000 | 0.000 | 32.280 | 0.498 | 0.622 |
| *Workers* |  |  |  |  |  |
| (Intercept) | 0.700 | 0.068 | 2.290 | 10.225 | **0.006** |
| Number.Colony | 0.001 | 0.000 | 32.915 | 1.505 | 0.142 |
| Model Statistics: |  |  |  |  |  |
| Number of obs: Trial 1 = 19; Trial 2 = 16  Marginal R2: Brood = 0.007; Workers = 0.057  Conditional R2: Brood = 0.074; Workers = 0.188  a Coefficient  b Standard error  c Degrees of freedom  d T statistic | | | | | |