|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Linear mixed effects model: Alates scaled distances to brood pile center**  Formula: ToBrood ~ Nest + Sex + Ratio + Day + Corner + (1 | Colony ID) | | | | | |
| Random effects: | Name | Variance | Std. dev |  |  |
| Colony ID | (Intercept) | 0.000 | 0.014 |  |  |
| Residual |  | 0.021 | 0.145 |  |  |
| Fixed effects: | *β* a | *SE* b | *df* c | *t* d | *P* |
| (Intercept) | 0.100 | 0.039 | 16.816 | 2.566 | **0.020** |
| Nest | 0.211 | 0.018 | 2.895 | 11.672 | **0.002** |
| Sex | 0.043 | 0.015 | 669.917 | 2.870 | **0.004** |
| Ratio | -0.004 | 0.002 | 610.635 | -1.961 | 0.050 |
| Day | 0.011 | 0.012 | 667.910 | 0.922 | 0.357 |
| Corner | -0.018 | 0.043 | 18.203 | -0.424 | 0.676 |
| Model Statistics: |  |  |  |  |  |
| Number of obs: 676, groups: Colony ID, 7  Marginal *R*2 = 0.340, Conditional *R*2 = 0.346  a Coefficient  b Standard error  c Degrees of freedom  d T statistic | | | | | |