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| --- | --- | --- | --- | --- | --- |
| **Linear mixed effects model: Brood scaled distance to the nest entrance**  Formula: ScaledDist ~ Nest\*Density + Day + Corner + (1 | Colony ID) | | | | | |
| Random effects: | Name | Variance | Std. dev |  |  |
| Colony ID | (Intercept) | 0.002 | 0.050 |  |  |
| Residual |  | 0.027 | 0.163 |  |  |
| Fixed effects: | *β* a | *SE* b | *df* c | *t* d | *P* |
| (Intercept) | 0.192 | 0.016 | 18.710 | 11.978 | **<0.001** |
| Nest | 0.225 | 0.002 | 59460 | 90.670 | **<0.001** |
| Density | -0.028 | 0.022 | 18.100 | -1.234 | 0.233 |
| Day | 0.001 | 0.000 | 59450 | 3.256 | **<0.001** |
| Corner | 0.047 | 0.002 | 59460 | 23.962 | **<0.001** |
| Nest\*Density | 0.078 | 0.003 | 59450 | 27.976 | **<0.001** |
| Model Statistics: |  |  |  |  |  |
| Number of obs: 59459, groups: Colony ID, 20  Marginal *R*2 = 0.439, Conditional *R*2 = 0.487  a Coefficient  b Standard error  c Degrees of freedom  d T statistic | | | | | |