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| --- | --- | --- | --- | --- | --- |
| **Linear mixed effects model: Worker scaled distance to the nest entrance**  Formula: ScaledDist ~ Nest\*Density + Day + Corner + (1 | Colony ID) | | | | | |
| Random effects: | Name | Variance | Std. dev |  |  |
| Colony ID | (Intercept) | 0.001 | 0.028 |  |  |
| Residual |  | 0.035 | 0.188 |  |  |
| Fixed effects: | *β* a | *SE* b | *df* c | *t* d | *P* |
| (Intercept) | 0.161 | 0.010 | 22.140 | 16.656 | **<0.001** |
| Nest | 0.279 | 0.004 | 30150 | 77.655 | **<0.001** |
| Density | -0.021 | 0.013 | 18.980 | -1.569 | 0.133 |
| Day | 0.001 | 0.000 | 30240 | 4.685 | **<0.001** |
| Corner | -0.082 | 0.003 | 30240 | -30.664 | **<0.001** |
| Nest\*Density | 0.053 | 0.004 | 30240 | 12.024 | **<0.001** |
| Model Statistics: |  |  |  |  |  |
| Number of obs: 30247, groups: Colony ID, 20  Marginal *R*2 = 0.337, Conditional *R*2 = 0.352  a Coefficient  b Standard error  c Degrees of freedom  d T statistic | | | | | |