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| --- | --- | --- | --- | --- | --- |
| **Linear mixed effects model: Alate scaled distance to the nest entrance**  Formula: ScaledDist ~ Nest + Sex + Ratio + Day + Corner + (1 | Colony ID) | | | | | |
| Random effects: | Name | Variance | Std. dev |  |  |
| Colony ID | (Intercept) | 0.025 | 0.158 |  |  |
| Residual |  | 0.054 | 0.233 |  |  |
| Fixed effects: | *β* a | *SE* b | *df* c | *t* d | *P* |
| (Intercept) | 0.298 | 0.089 | 15.800 | 3.348 | **0.004** |
| Nest | 0.566 | 0.044 | 412.300 | 12.814 | **<0.001** |
| Sex | -0.064 | 0.019 | 994.600 | -3.362 | **0.001** |
| Ratio | -0.077 | 0.072 | 948 | -1.073 | 0.283 |
| Day | -0.009 | 0.003 | 1000 | -3.488 | **0.001** |
| Corner | -0.026 | 0.016 | 995.400 | -1.660 | 0.097 |
| Model Statistics: |  |  |  |  |  |
| Number of obs: 1006, groups: Colony ID, 7  Marginal *R*2 = 0.451, Conditional *R*2 = 0.623  a Coefficient  b Standard error  c Degrees of freedom  d T statistic | | |  |  |  |