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| **Linear mixed effects model: Worker scaled distances to brood pile center**  Formula: ToBrood ~ Nest \*Density + Day + Corner + (1 | Colony ID) | | | | | |
| Random effects: | Name | Variance | Std. dev |  |  |
| Colony ID | (Intercept) | 0.000 | 0.020 |  |  |
| Residual |  | 0.012 | 0.112 |  |  |
| Fixed effects: | *β* a | *SE* b | *df* c | *t* d | *P* |
| (Intercept) | 0.093 | 0.007 | 21.788 | 14.035 | **<0.001** |
| Nest | 0.103 | 0.002 | 26669.530 | 45.580 | **<0.001** |
| Density | -0.009 | 0.009 | 18.902 | -0.994 | 0.333 |
| Day | 0.000 | 0.000 | 26722.370 | 0.802 | 0.423 |
| Corner | 0.036 | 0.002 | 26720.943 | 21.145 | **<0.001** |
| Nest\*Density | 0.034 | 0.003 | 26709.876 | 11.769 | **<0.001** |
| Model Statistics: |  |  |  |  |  |
| Number of obs: 26733, groups: Colony ID, 20  Marginal *R*2 = 0.279, Conditional *R*2 = 0.301  a Coefficient  b Standard error  c Degrees of freedom  d T statistic | | | | | |