**Linear Mixed Effects: worker scaled distance to brood center vs. scaled distance to nest entrance**

**Mean To Brood**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *Coeffcient* | *Est.* | *SE* | *df* | *T* | *P* |
| Intercept | 0.133 | 0.025 | 377 | 5.375 | **<0.001** |
| MeanScaledDist | -0.332 | 0.132 | 377 | -2.521 | **0.012** |
| Nest | -0.079 | 0.030 | 377 | -2.639 | **0.009** |
| Density | 0.015 | 0.013 | 377 | 1.151 | 0.250 |
| MeanScaledDist:Nest | 0.686 | 0.137 | 377 | 4.988 | **<0.001** |

**Random Effects**

|  |  |
| --- | --- |
| σ2  τ00Colony  N Colony | 0.00  0.00  19 |
| Observations  Marginal R2 / Conditional R2 | 384  0.604 / 0.634 |