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| --- | --- | --- | --- | --- |
| **Linear regression: Worker and simulation scaled distance to the nest entrance**  Formula: ScaledDist ~ Nest\*WorkerType + Density + Corner | | | | |
| Coefficients: | *β* a | *SE* b | *t* d | *P* |
| (Intercept) | 0.168 | 0.001 | 305.396 | **<0.001** |
| Nest | 0.400 | 0.001 | 545.179 | **<0.001** |
| WorkerType | -0.002 | 0.002 | -1.101 | 0.271 |
| Density | -0.002 | 0.001 | -4.040 | **<0.001** |
| Corner | -0.097 | 0.001 | -131.976 | **<0.001** |
| Nest\*WorkerType | -0.083 | 0.002 | -34.303 | **<0.001** |
| Model Statistics: |  |  |  |  |
| Number of obsv: 430426  Residual standard error = 0.201; Degrees of freedom: 430420  Multiple *R*2 = 0.441; Adjusted *R*2 = 0.441  F(5, 430241) = 67910; *P <* 0.001  a Coefficient  b Standard error  c T statistic | | | | |