|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Random effects: | Name | Variance | Std. dev |  |  |
| ColonyID | (Intercept) | 0.102 | 0.319 |  |  |
| Residual |  | 1.469 | 1.212 |  |  |
| Fixed effects: | *β* | *SE* | *df* | *t* | *P* |
| (Intercept) | 6.669 | 0.625 | 310.554 | 10.670 | **<0.001** |
| MeanScaledDist | -4.136 | 3.370 | 367.486 | -1.227 | 0.220 |
| Nest | -1.195 | 0.829 | 374.919 | -1.441 | 0.150 |
| Density | -1.916 | 0.816 | 321.845 | -2.348 | **0.020** |
| MeanScaledDist \* Nest | 4.927 | 3.538 | 368.797 | 1.392 | 0.165 |
| MeanScaledDist \* Density | 13.697 | 4.683 | 375.000 | 2.925 | **0.004** |
| Nest \* Density | 2.415 | 1.076 | 373.068 | 2.245 | **0.025** |
| MeanScaledDist \* Nest \* Density | -14.610 | 4.870 | 374.994 | -3.000 | **0.003** |
| Model Statistics: |  |  |  |  |  |
| Number of obs: 383, ColonyID, 19  Marginal *R*2 = 0.041, Conditional *R*2 = 0.103 | | | | | |