|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Random effects: | Name | Variance | Std. dev |  |  |
| ColonyID | (Intercept) | 0.133 | 0.365 |  |  |
| Residual |  | 1.470 | 1.213 |  |  |
| Fixed effects: | *β* | *SE* | *df* | *t* | *P* |
| (Intercept) | 5.095 | 0.465 | 257.123 | 10.966 | **0.000** |
| MeanToBrood | 9.216 | 4.605 | 374.258 | 2.001 | **0.046** |
| Nest | 0.799 | 0.551 | 369.480 | 1.451 | 0.148 |
| Density | 1.857 | 0.655 | 219.549 | 2.835 | **0.005** |
| MeanToBrood \* Nest | -9.485 | 4.812 | 371.201 | -1.971 | **0.049** |
| MeanToBrood \* Density | -17.359 | 6.649 | 374.472 | -2.611 | **0.009** |
| Nest \* Density | -2.217 | 0.782 | 374.341 | -2.835 | **0.005** |
| MeanToBrood \* Nest \* Density | 18.951 | 6.889 | 374.920 | 2.751 | **0.006** |
| Model Statistics: |  |  |  |  |  |
| Number of obs: 383, groups: ColonyID, 19  Marginal *R*2 = 0.038, Conditional *R*2 = 0.118 | | | | | |