|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Model comparison: Colony size between trials**  Model 1 = Formula: log(avg.worker Trial 2) ~ log(avg.worker Trial 1)  Model 2 = Formula: log(avg.brood Trial2) ~ 1+ offset(log(avg.brood Trial1)) | | | | | | |
|
| Model: | *Res. Df a* | *RSS* b | *Df* c | *Sum of Sq d* | *F e* | *p* |
| *Brood* | 15 | 9.14 | -1 | -3.45 | 8.47 | **0.011** |
| *Workers* | 1515 | 6.85 | -1 | -2.24 | 6.79 | **0.021** |
| Model Statistics: |  |  |  |  |  |  |
| Number of obs: 16  a Residual degrees of freedom  b Residual sums of square  c Degrees of freedom  d Sums of square  e F statistic | | | | | | |