|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Linear mixed effects model: Proportions of alates**  Formula: PropAlates ~ poly(NestSect, degree = 2, raw = TRUE)\*Nest + Day + Corner + (1 | Colony ID) | | | | | |
| Random effects: | Name | Variance | Std. dev |  |  |
| Colony ID | (Intercept) | 0.000 | 0.000 |  |  |
| Residual |  | 0.033 | 0.181 |  |  |
| Fixed effects: | *β* a | *SE* b | *df* c | *t* d | *P* |
| (Intercept) | 0.363 | 0.060 | 448 | 6.073 | **<0.001** |
| NestSect | -0.083 | 0.027 | 448 | -3.028 | **0.003** |
| NestSect2 | 0.006 | 0.003 | 448 | 1.924 | 0.055 |
| Nest | -0.192 | 0.069 | 448 | -2.787 | **0.006** |
| Day | 0.000 | 0.003 | 448 | 0.000 | 1.000 |
| Corner | -0.054 | 0.023 | 448 | -2.340 | **0.020** |
| NestSect\*Nest | 0.052 | 0.037 | 448 | 1.414 | 0.158 |
| NestSect2\*Nest | -0.001 | 0.004 | 448 | -0.150 | 0.881 |
| Model Statistics: |  |  |  |  |  |
| Number of obs: 456, groups: Colony ID, 7  Marginal *R*2 = 0.097, Conditional *R*2 = 0.097  a Coefficient  b Standard error  c Degrees of freedom  d T statistic | | | | | |