

Enhanced natural regeneration potential of sessile oak in Northern Hungary – role of artificially increased density of insectivorous birds
by Csaba Béla Eötvös, Ágnes Fürjes-Mikó, Márton Paulin, Csaba Gáspár, Marcell Kárpáti, Anikó Hirka and György Csóka"

Table S5. Results of statistics of data collected by sticky belt trap

Laplace <- glmer(ABUNDANCE.t ~ SITE:SEASON:SUBSEASON:FLEDGED_CHICKS + (1 | SITE/SEASON), data = STICKY, family = gaussian(link = "log"), nAGQ = 1)

summary(Laplace)

Generalized linear mixed model fit by maximum likelihood (Laplace Approximation) ['glmerMod']

Family: gaussian (log)

Formula: ABUNDANCE.t ~ SITE:SEASON:SUBSEASON:FLEDGED_CHICKS + (1 | SITE/SEASON)

| AIC | BIC | logLik | deviance | df.resid |
|---------|---------|---------|----------|----------|
| 14301.5 | 14367.4 | -7140.7 | 14281.5 | 5390 |

Scaled residuals:

| Min | 1Q | Median | 3Q | Max |
|---------|---------|---------|---------|---------|
| -0.6116 | -0.3405 | -0.0209 | -0.0076 | 24.6657 |

Random effects:

| Groups | Name | Variance | Std.Dev. |
|-------------|-------------|-----------------------|-----------------------|
| SEASON:SITE | (Intercept) | 9.73×10 ⁻³ | 9.87×10 ⁻² |
| SITE | (Intercept) | 1.39×10 ⁻⁹ | 3.73×10 ⁻⁵ |
| Residual | | 8.22×10 ⁻¹ | 9.06×10 ⁻¹ |

Number of obs: 5400, groups: SEASON:SITE, 6; SITE, 2

Fixed effects:

| | Estimate | Std. Error | t value | Pr(> z) | |
|--------------------------------------------------------|----------|---------------|---------|----------|-----|
| (Intercept) | 0.21790 | 0.06359 | 3.427 | 0.00061 | *** |
| SITESample:SEASONFirst:SUBSEASONSpring:FLEDGED_CHICKS | -0.00010 | 0.00032 | -0.302 | 0.76263 | |
| SITESample:SEASONSecond:SUBSEASONSpring:FLEDGED_CHICKS | -0.00038 | 0.00042 | -0.899 | 0.36866 | |
| SITESample:SEASONThird:SUBSEASONSpring:FLEDGED_CHICKS | -0.00065 | 0.00040 | -1.634 | 0.10227 | |
| SITESample:SEASONFirst:SUBSEASONWinter:FLEDGED_CHICKS | 0.00055 | 0.00031 | 1.754 | 0.07942 | . |
| SITESample:SEASONSecond:SUBSEASONWinter:FLEDGED_CHICKS | 0.00029 | 0.00041 | 0.701 | 0.48337 | |
| SITESample:SEASONThird:SUBSEASONWinter:FLEDGED_CHICKS | -0.00066 | 0.00040 | -1.656 | 0.09776 | . |

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1