

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 S7. Results of statistics of data collected by funnel traps baited with FLO

Laplace <- glmer(ABUNDANCE.t ~ SITE:SEASON:FLEDGED_CHICKS + (1 | SITE/SEASON/TRAP_ID), data = FUNNEL_FLO, 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:FLEDGED_CHICKS + (1 | SITE/SEASON/TRAP_ID)

AIC	BIC	logLik	deviance	df.resid
3816.3	3850	-1900.1	3800.3	495

Scaled residuals:

Min	1Q	Median	3Q	Max
-2.4778	-0.444	-0.2882	0.0316	5.6597

Random effects:

Groups	Name	Variance	Std.Dev.
TRAP_ID:(SEASON:SITE)	(Intercept)	7.94	2.82
SEASON:SITE	(Intercept)	15.20	3.90
SITE	(Intercept)	4.32×10 ⁻⁷	6.57×10 ⁻⁴
Residual		75.00	8.66

Number of obs: 503, groups: TRAP_ID:(SEASON:SITE), 36; SEASON:SITE, 6; SITE, 2

Fixed effects:

	Estimate	Std. Error	t value	Pr(> z)
(Intercept)	2.01714	0.27134	7.434	1.05×10 ⁻¹³
SITESample:SEASONfirst:FLEDGED_CHICKS	0.00179	0.00134	1.339	0.180
SITESample:SEASONsecond:FLEDGED_CHICKS	-0.00190	0.00174	-1.097	0.273
SITESample:SEASONthird:FLEDGED_CHICKS	-0.00171	0.00166	-1.028	0.304

Signif. codes: 0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1