Analisis GLMM co-ocurrencia

**Todos los sitios:**

> summary(model)

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

Family: binomial ( logit )

Formula: Capture\_mon ~ Capture\_rat + (1 | Site)

Data: df\_combined

AIC BIC logLik deviance df.resid

2045.0 2067.3 -1019.5 2039.0 12271

Scaled residuals:

Min 1Q Median 3Q Max

-0.4349 -0.1493 -0.0773 -0.0455 12.9365

Random effects:

Groups Name Variance Std.Dev.

Site (Intercept) 3.194 1.787

Number of obs: 12274, groups: Site, 86

Fixed effects:

Estimate Std. Error z value Pr(>|z|)

(Intercept) -5.1078 0.2858 -17.870 <2e-16 \*\*\*

Capture\_rat -0.6336 0.6107 -1.038 0.299

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

Correlation of Fixed Effects:

(Intr)

Capture\_rat -0.034

**KAW:**

> summary(model)

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

Family: binomial ( logit )

Formula: Capture\_mon ~ Capture\_rat + (1 | Site)

Data: df\_combined

AIC BIC logLik deviance df.resid

399.4 418.0 -196.7 393.4 3575

Scaled residuals:

Min 1Q Median 3Q Max

-0.2589 -0.0968 -0.0749 -0.0518 13.5163

Random effects:

Groups Name Variance Std.Dev.

Site (Intercept) 1.44 1.2

Number of obs: 3578, groups: Site, 26

Fixed effects:

Estimate Std. Error z value Pr(>|z|)

(Intercept) -5.2787 0.4244 -12.44 <2e-16 \*\*\*

Capture\_rat 0.8284 1.0617 0.78 0.435

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

Correlation of Fixed Effects:

(Intr)

Capture\_rat -0.135

**KOD:**

> summary(model)

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

Family: binomial ( logit )

Formula: Capture\_mon ~ Capture\_rat + (1 | Site)

Data: df\_combined

AIC BIC logLik deviance df.resid

629.0 648.0 -311.5 623.0 4156

Scaled residuals:

Min 1Q Median 3Q Max

-0.3891 -0.1471 -0.0474 -0.0429 13.0081

Random effects:

Groups Name Variance Std.Dev.

Site (Intercept) 3.754 1.937

Number of obs: 4159, groups: Site, 30

Fixed effects:

Estimate Std. Error z value Pr(>|z|)

(Intercept) -5.1579 0.5216 -9.889 <2e-16 \*\*\*

Capture\_rat -0.9831 0.7403 -1.328 0.184

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

Correlation of Fixed Effects:

(Intr)

Capture\_rat -0.034