$\hat{\beta}_{dist}$ $\hat{\beta}_{ele}$ $\hat{\beta}_{hab}$ $\hat{\sigma}^2_{ele}$ $\hat{\sigma}^2_{hab}$

INLA (σ^2_α fixed) INLA (σ^2_α estimated) Two-Step clogit

with weights without weights

$\hat{\beta}_{\text{dist}}$

$\hat{\beta}_{\text{ele}}$

$\hat{\beta}_{\text{hab}}$

$\hat{\sigma}^2_{\text{ele}}$

$\hat{\sigma}^2_{\text{hab}}$

Estimate

INLA (σ^2_α fixed)

INLA (σ^2_α estimated)

Two-Step

clogit

with weights   without weights