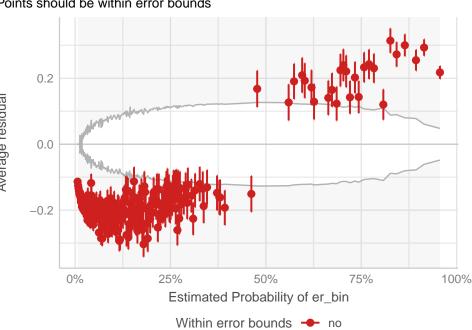
Posterior Predictive Check Model-predicted intervals should include observed data points 80000 Average residual 60000 Counts 40000 0 er_bin Observed data Model-predicted data Influential Observations Points should be inside the contour lines 10 Variance Inflation Factor (VIF, log-scaled) Std. Residuals -100.0 0.5 1.0 1.5 2.0 Leverage (h_{ii}) Normality of Residuals Normality of Random Effects (ppID) Dots should fall along the line Std. Deviance Residuals RE Quantiles 2 0 0 2 3 Standard Normal Distribution Quantiles Normality of Random Effects (study) Dots should be plotted along the line RE Quantiles

Theoretical Quantiles

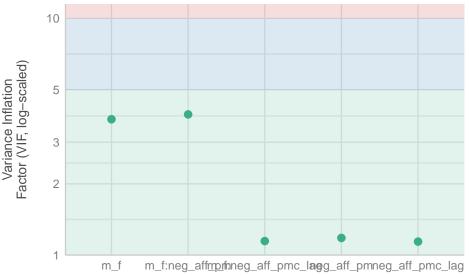
0

Binned Residuals Points should be within error bounds



Collinearity

High collinearity (VIF) may inflate parameter uncertainty



Low (< 5)

Dots should be plotted along the line

