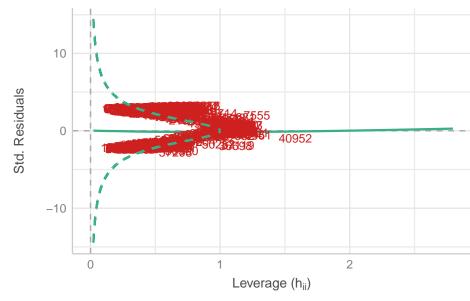
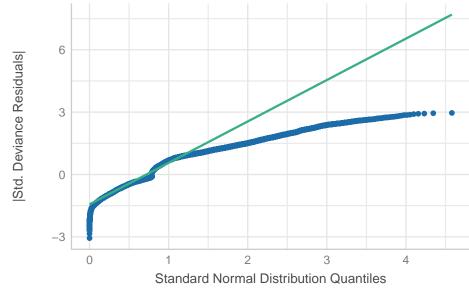
Posterior Predictive Check Model-predicted intervals should include observed data points 60000 55000 0 1 er_bin Observed data Model-predicted data

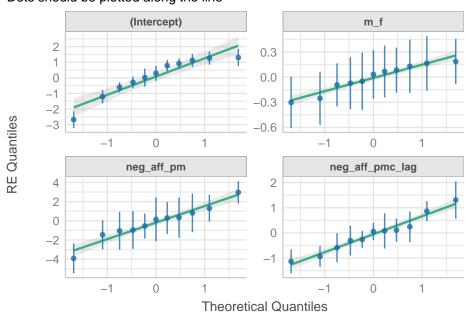
Influential Observations Points should be inside the contour lines



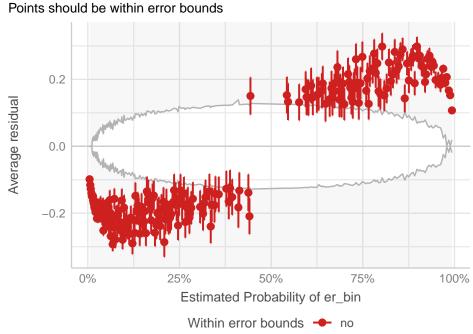
Normality of Residuals Dots should fall along the line



Normality of Random Effects (study) Dots should be plotted along the line



Binned Residuals



Collinearity

RE Quantiles

High collinearity (VIF) may inflate parameter uncertainty



Normality of Random Effects (ppID) Dots should be plotted along the line

(Intercept)

neg_aff_pm

neg_aff_pmc_lag

10

-10

-20

20

2

Theoretical Quantiles

Low (< 5)