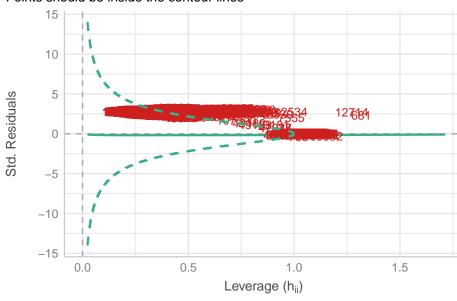
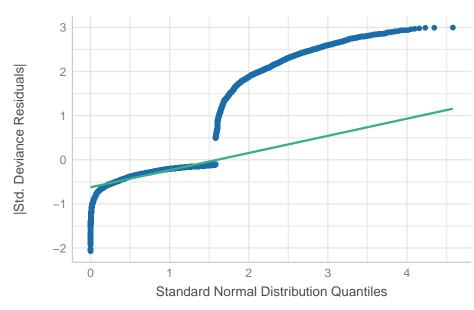
# Posterior Predictive Check Model–predicted intervals should include observed data points 75000 25000 0 1 er\_bin Observed data Model–predicted data

## Influential Observations

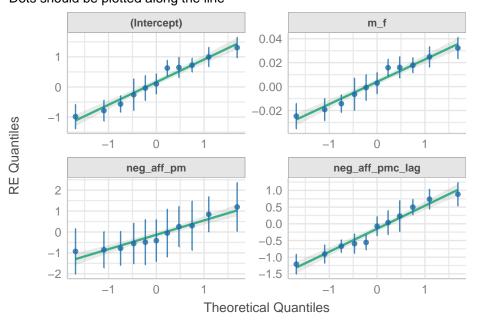
Points should be inside the contour lines



### Normality of Residuals Dots should fall along the line

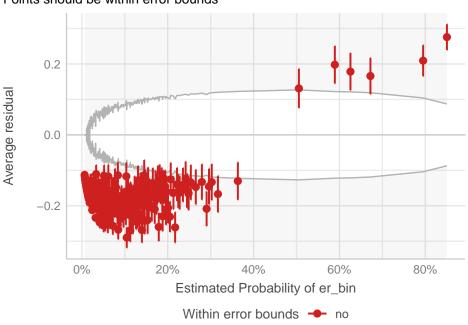


### Normality of Random Effects (study) Dots should be plotted along the line



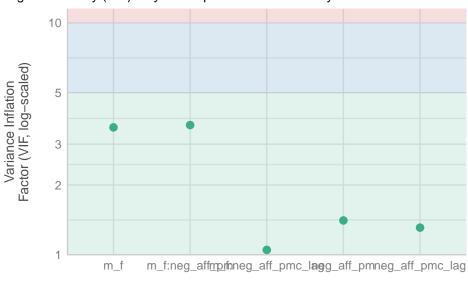
### Binned Residuals

Points should be within error bounds



### Collinearity

High collinearity (VIF) may inflate parameter uncertainty



Low (< 5)

# Normality of Random Effects (ppID)

Dots should be plotted along the line

RE Quantiles

