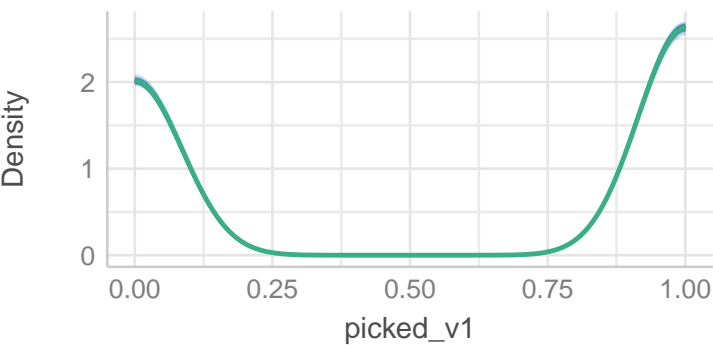


reg_rate * variation * baseline_log_odds_jitter * reg_dist

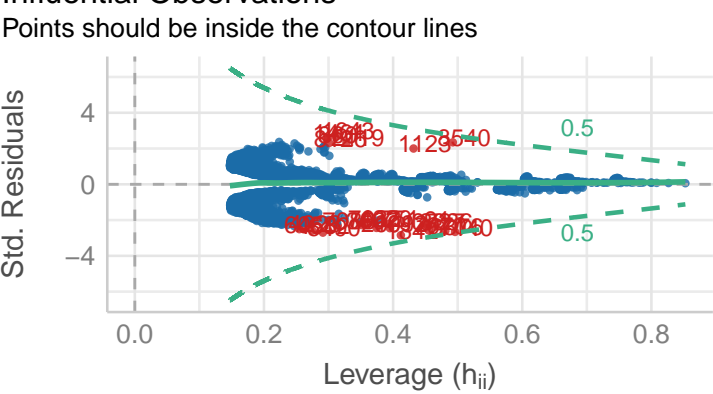
Posterior Predictive Check

Model-predicted lines should resemble observed data line



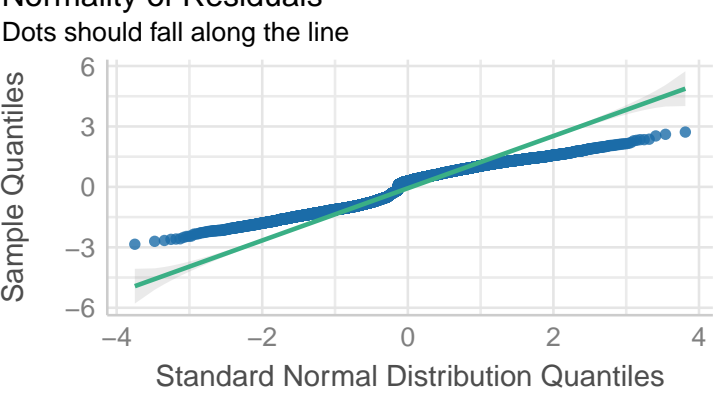
Influential Observations

Points should be inside the contour lines



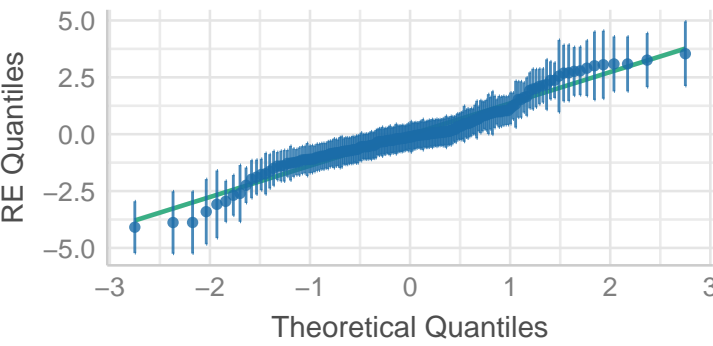
Normality of Residuals

Dots should fall along the line



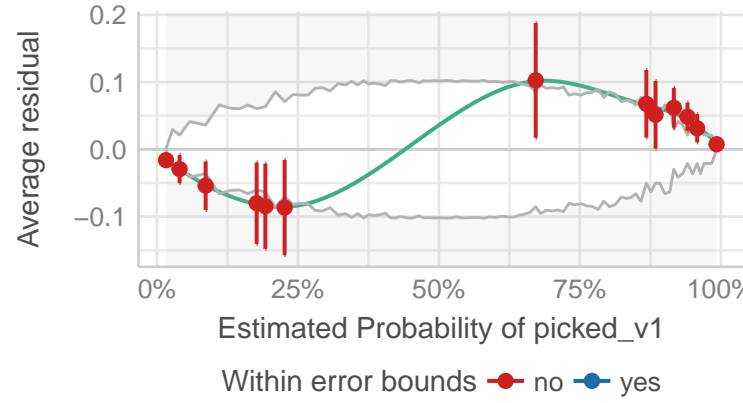
Normality of Random Effects (part_id)

Dots should be plotted along the line



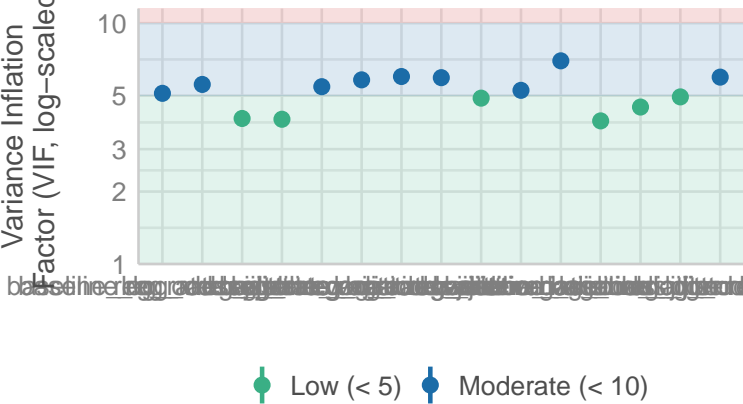
Binned Residuals

Points should be within error bounds



Collinearity

High collinearity (VIF) may inflate parameter uncertainty



Normality of Random Effects (base)

Dots should be plotted along the line

