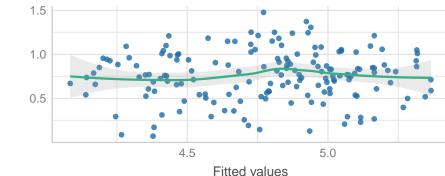
Posterior Predictive Check Model-predicted lines should resemble observed data line 0.0100 0.0075 Density 0.0050 0.0025 0.0000 100 200 300 500

Homogeneity of Variance

Reference line should be flat and horizontal



log1p(labs_triglycerides)

Observed data — Model-predicted data

Collinearity

√|Std. residuals

RE Quantiles

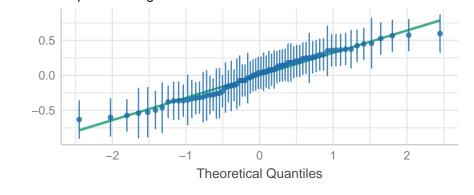
High collinearity (VIF) may inflate parameter uncertainty



Low (< 5)

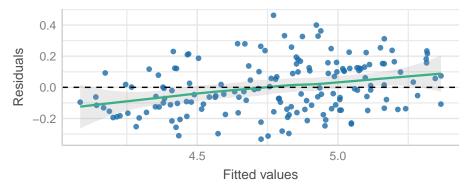
Normality of Random Effects (record_id)

Dots should be plotted along the line



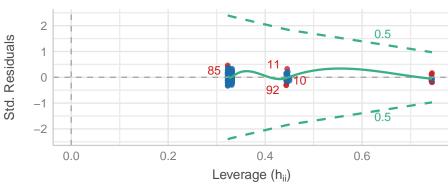
Linearity

Reference line should be flat and horizontal



Influential Observations

Points should be inside the contour lines



Normality of Residuals

Dots should fall along the line

