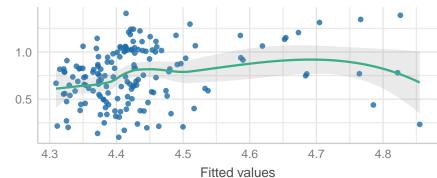
Posterior Predictive Check Model-predicted lines should resemble observed data line 0.04 Density 0.03 0.02 0.01 0.00

75

Homogeneity of Variance

Reference line should be flat and horizontal



100

Observed data — Model-predicted data

log1p(labs_glucose)

125

Collinearity

√|Std. residuals|

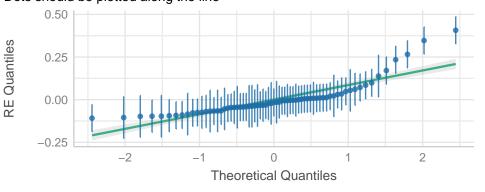
High collinearity (VIF) may inflate parameter uncertainty



Low (< 5)

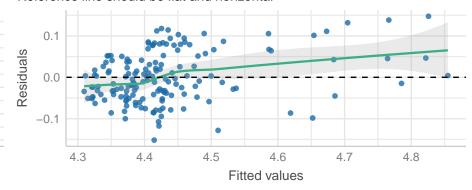
Normality of Random Effects (record_id)

Dots should be plotted along the line



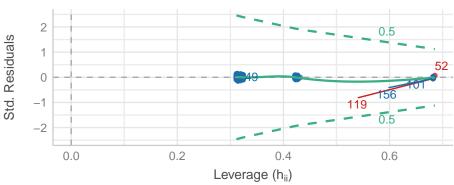
Linearity

Reference line should be flat and horizontal



Influential Observations

Points should be inside the contour lines



Normality of Residuals

