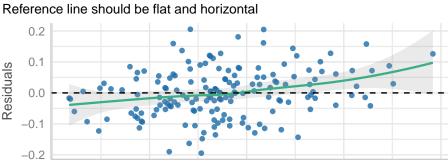
Posterior Predictive Check Model-predicted lines should resemble observed data line 0.04 0.03 Density 0.02 0.01 0.00 25 50 75 100 log1p(labs_hdl) Observed data — Model-predicted data

Residuals

Linearity



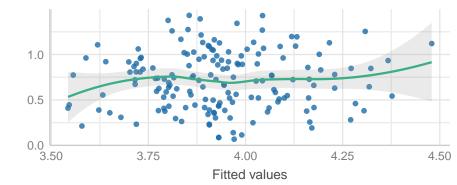
4.00

Fitted values

4.25

4.50

Homogeneity of Variance Reference line should be flat and horizontal

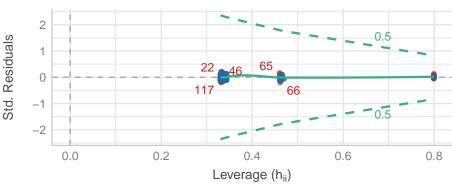


Influential Observations

3.50

Points should be inside the contour lines

3.75

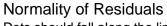


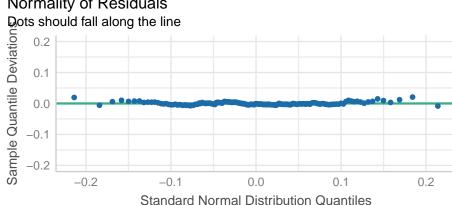
Collinearity

√|Std. residuals|

High collinearity (VIF) may inflate parameter uncertainty







Low (< 5)

Normality of Random Effects (record_id)

Dots should be plotted along the line

