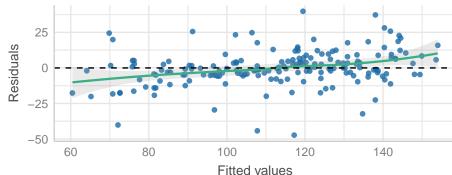
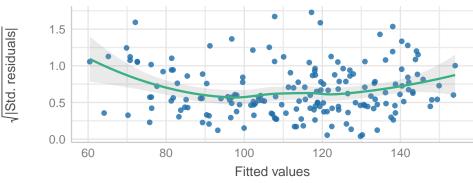
Posterior Predictive Check Model-predicted lines should resemble observed data line 0.015 Density 0.010 0.005 0.000

Linearity Reference line should be flat and horizontal



Homogeneity of Variance

Reference line should be flat and horizontal



100

labs_ldl

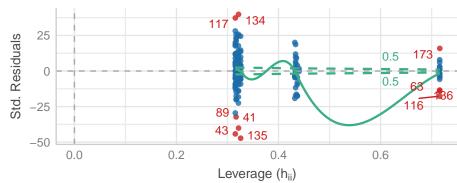
Observed data — Model-predicted data

150

200

Influential Observations

Points should be inside the contour lines

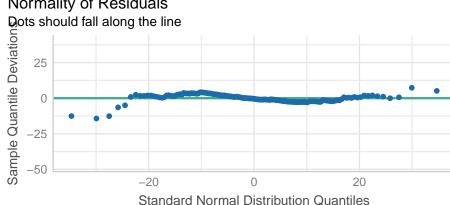


Collinearity

High collinearity (VIF) may inflate parameter uncertainty



Normality of Residuals



Low (< 5)

Normality of Random Effects (record_id)

Dots should be plotted along the line

