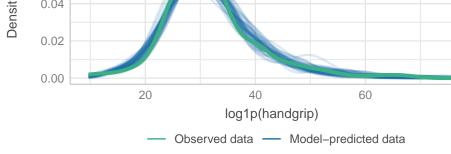
Posterior Predictive Check Model-predicted lines should resemble observed data line 0.06 Density 0.04 0.02 0.00 40 log1p(handgrip) Observed data — Model-predicted data Homogeneity of Variance Reference line should be flat and horizontal



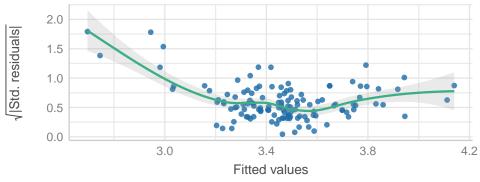
Residuals

Residuals

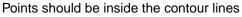
Std.

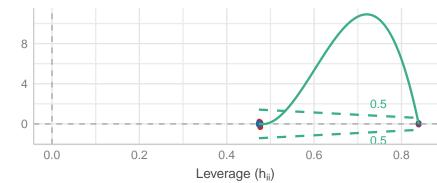
Linearity

Reference line should be flat and horizontal 0.2 0.0 -0.23.0 3.4 3.8 Fitted values



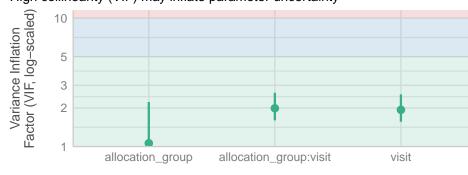
Influential Observations





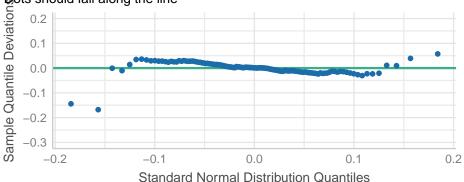
Collinearity

High collinearity (VIF) may inflate parameter uncertainty



Normality of Residuals

Dots should fall along the line





Normality of Random Effects (record_id)

Dots should be plotted along the line

