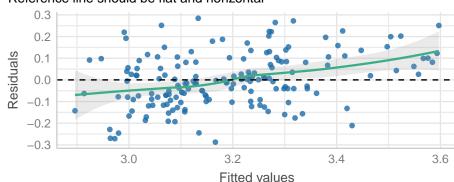
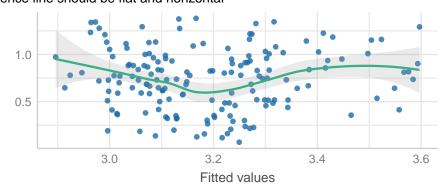
Posterior Predictive Check Model-predicted lines should resemble observed data line 0.075 Density 0.050 0.025 0.000 20 log1p(labs_ast) Observed data — Model-predicted data Homogeneity of Variance

Linearity Reference line should be flat and horizontal

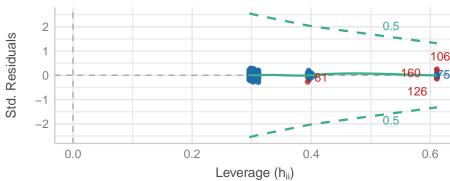


Reference line should be flat and horizontal



Influential Observations

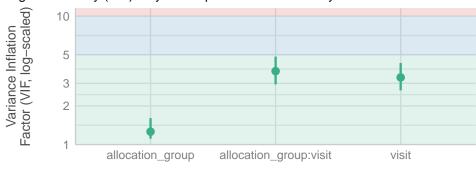
Points should be inside the contour lines



Collinearity

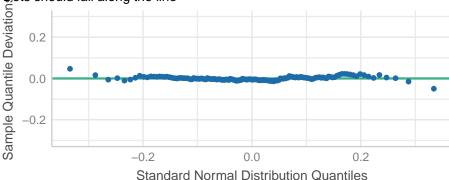
√|Std. residuals|

High collinearity (VIF) may inflate parameter uncertainty



Normality of Residuals

Dots should fall along the line





Normality of Random Effects (record_id)

