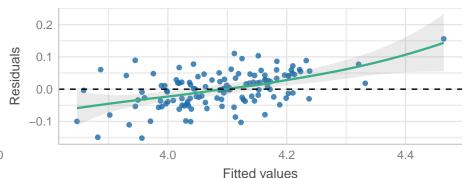
Posterior Predictive Check Model-predicted lines should resemble observed data line 0.06 Density 0.04 0.02 0.00 70 90 110 log1p(reactance) Observed data — Model-predicted data Homogeneity of Variance Reference line should be flat and horizontal √|Std. residuals 1.5 1.0 0.5 0.0 4.0 4.2 4.4 Fitted values Collinearity High collinearity (VIF) may inflate parameter uncertainty Variance Inflation Factor (VIF, log-scaled) 10 allocation_group allocation_group:visit visit Low (< 5) Normality of Random Effects (record_id) Dots should be plotted along the line 0.4 RE Quantiles 0.2 0.0

0 Theoretical Quantiles

-0.2

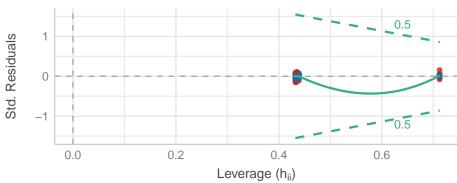
-2

Linearity Reference line should be flat and horizontal



Influential Observations

Points should be inside the contour lines



Normality of Residuals

Dots should fall along the line

