Posterior Predictive Check
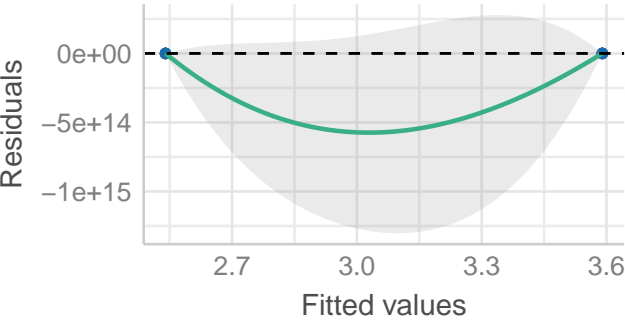Model−predicted lines should resemble observed data I

Density — CR_mL.hr.mmlength
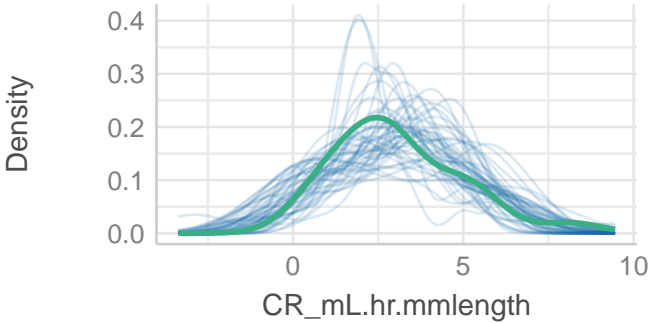
— Model−predicted data — Observed dat

Linearity
Reference line should be flat and horizontal

Residuals — Fitted values

Homogeneity of Variance
Reference line should be flat and horizontal

$\sqrt{|Std.\ residuals|}$ — Fitted values
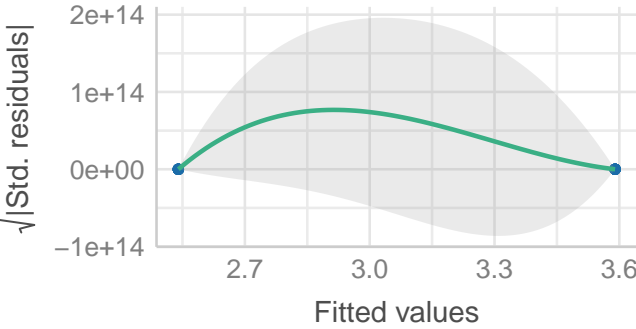
Influential Observations
Points should be inside the contour lines

Std. Residuals — Leverage (h_{ii})

5 8.21
12 13
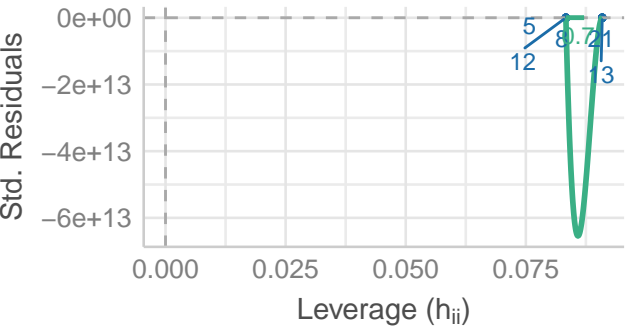
Normality of Residuals
Dots should fall along the line

Sample Quantiles — Standard Normal Distribution Quantiles