Posterior Predictive Check
Model−predicted lines should resemble observed data
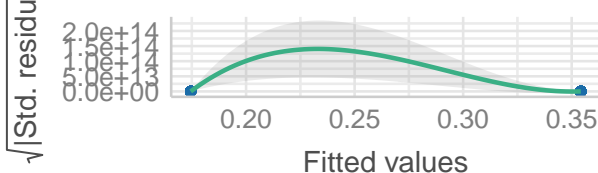
Density — DV_percent_test_NABS

— Model−predicted data — Observed data
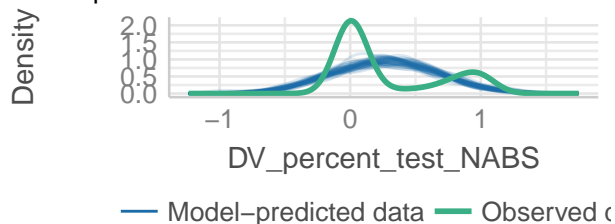
Linearity
Reference line should be flat and horizontal

Residuals vs Fitted values
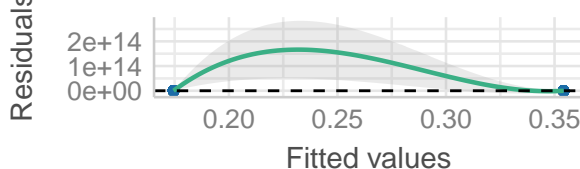
Homogeneity of Variance
Reference line should be flat and horizontal

$\sqrt{|\text{Std. residuals}|}$ vs Fitted values

Influential Observations
Points should be inside the contour lines

Std. Residuals vs Leverage (h_{ii})

105 153 106 106
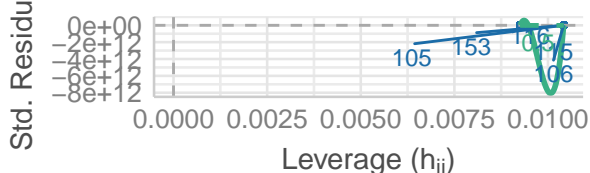
Normality of Residuals
Dots should fall along the line

Sample Quantiles vs Standard Normal Distribution Quantiles