Posterior Predictive Check
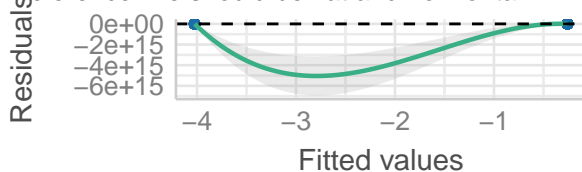Model−predicted lines should resemble observed data

Density

item_test_SCALED
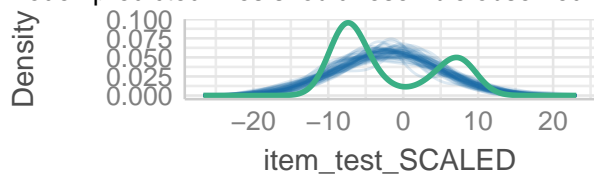
— Model−predicted data — Observed

Linearity
Reference line should be flat and horizontal

Residuals

Fitted values

Homogeneity of Variance
Reference line should be flat and horizontal

√|Std. residuals|

Fitted values
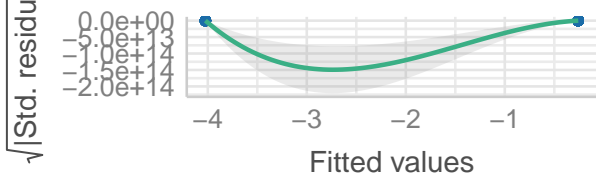
Influential Observations
Points should be inside the contour lines

Std. Residuals

60 640.1
29   9

Leverage (h_{ii})
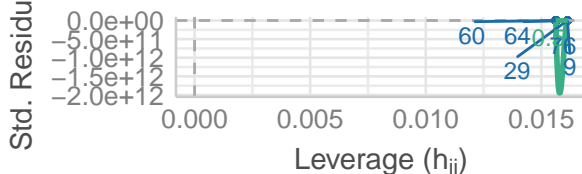
Normality of Residuals
Dots should fall along the line

Sample Quantiles

Standard Normal Distribution Quantiles