Posterior Predictive Check
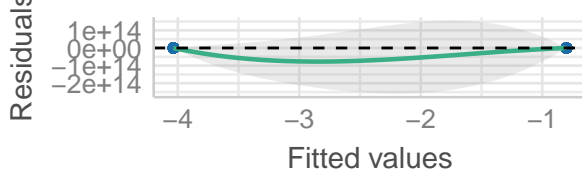Model−predicted lines should resemble observed d

Density
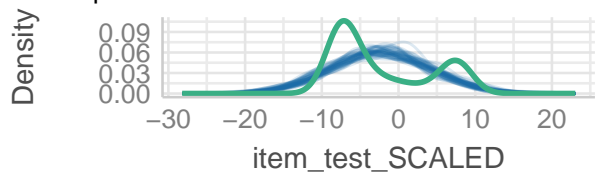
— Model−predicted data — Observed d
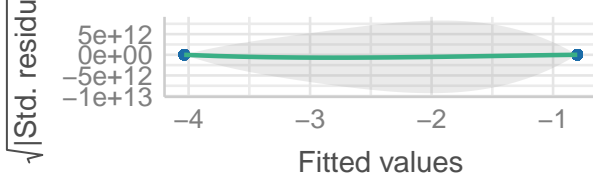
item_test_SCALED

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

105   106   115 52
71

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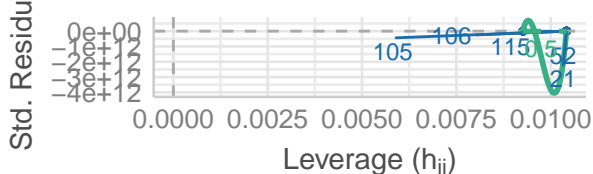
Normality of Residuals
Dots should fall along the line

Sample Quantiles

Standard Normal Distribution Quantiles