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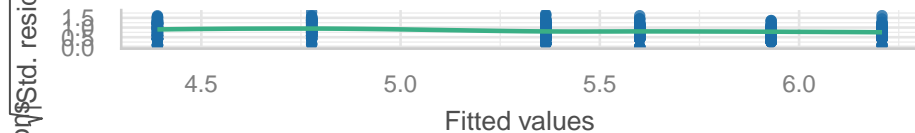

Density

Perceived_Ownership

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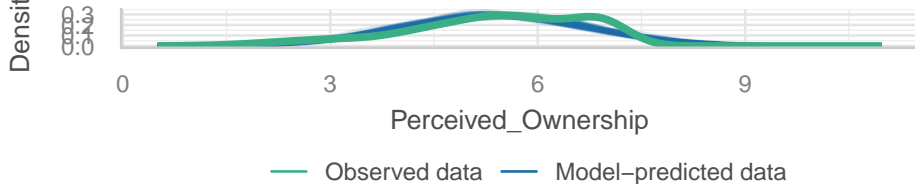
Linearity
Reference line should be flat and horizontal

Residuals

Fitted values

Homogeneity of Variance
Reference line should be flat and horizontal

$\sqrt{\text{Std. residuals}}$

Fitted values

Influential Observations
Points should be inside the contour lines

Std. Residuals

469 360 603

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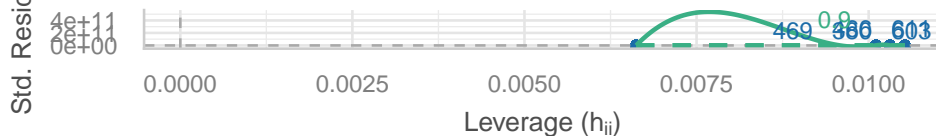
Normality of Residuals
Dots should fall along the line

Sample Quantile Deviations (Std. residuals)

Standard Normal Distribution Quantiles