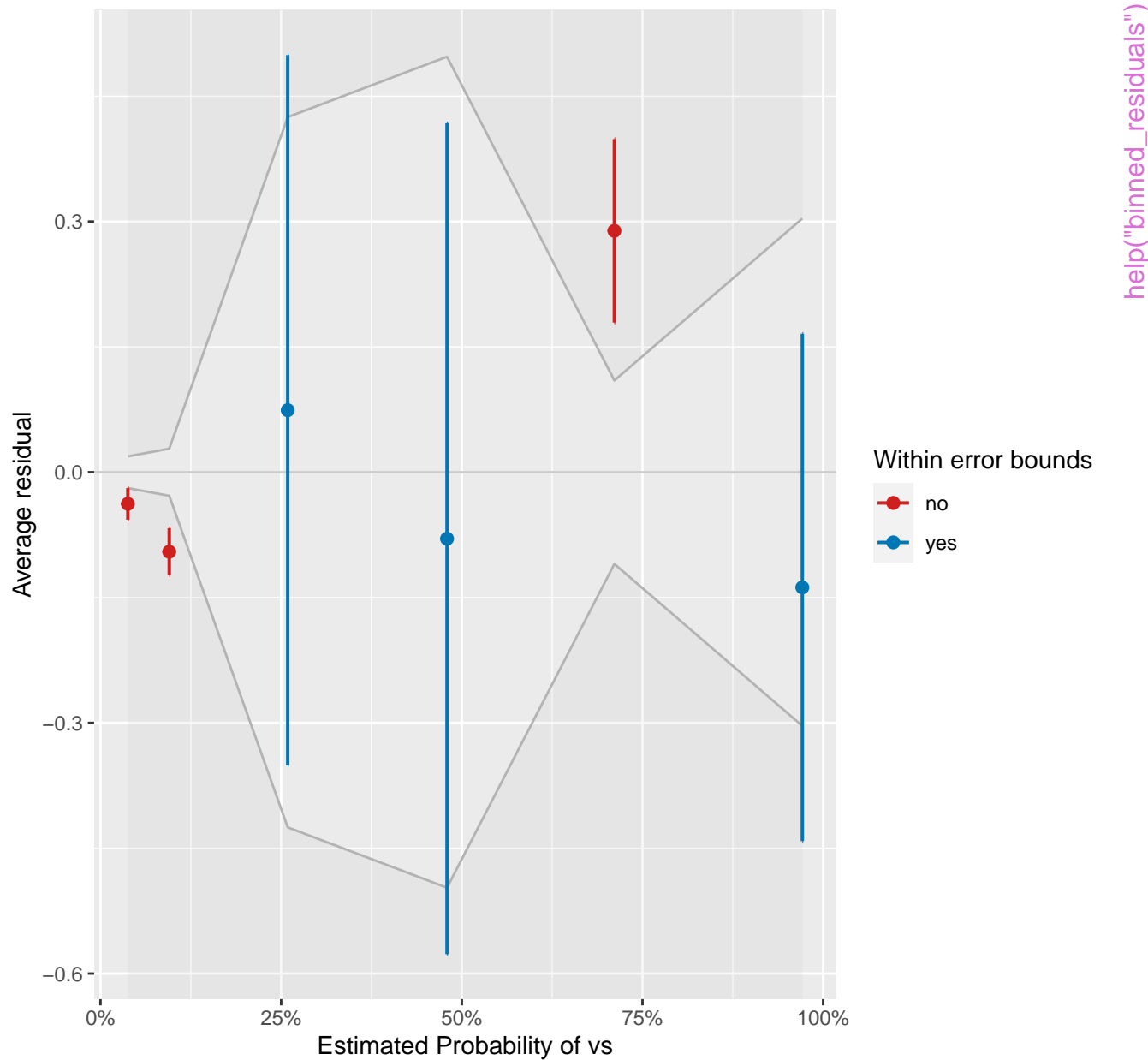
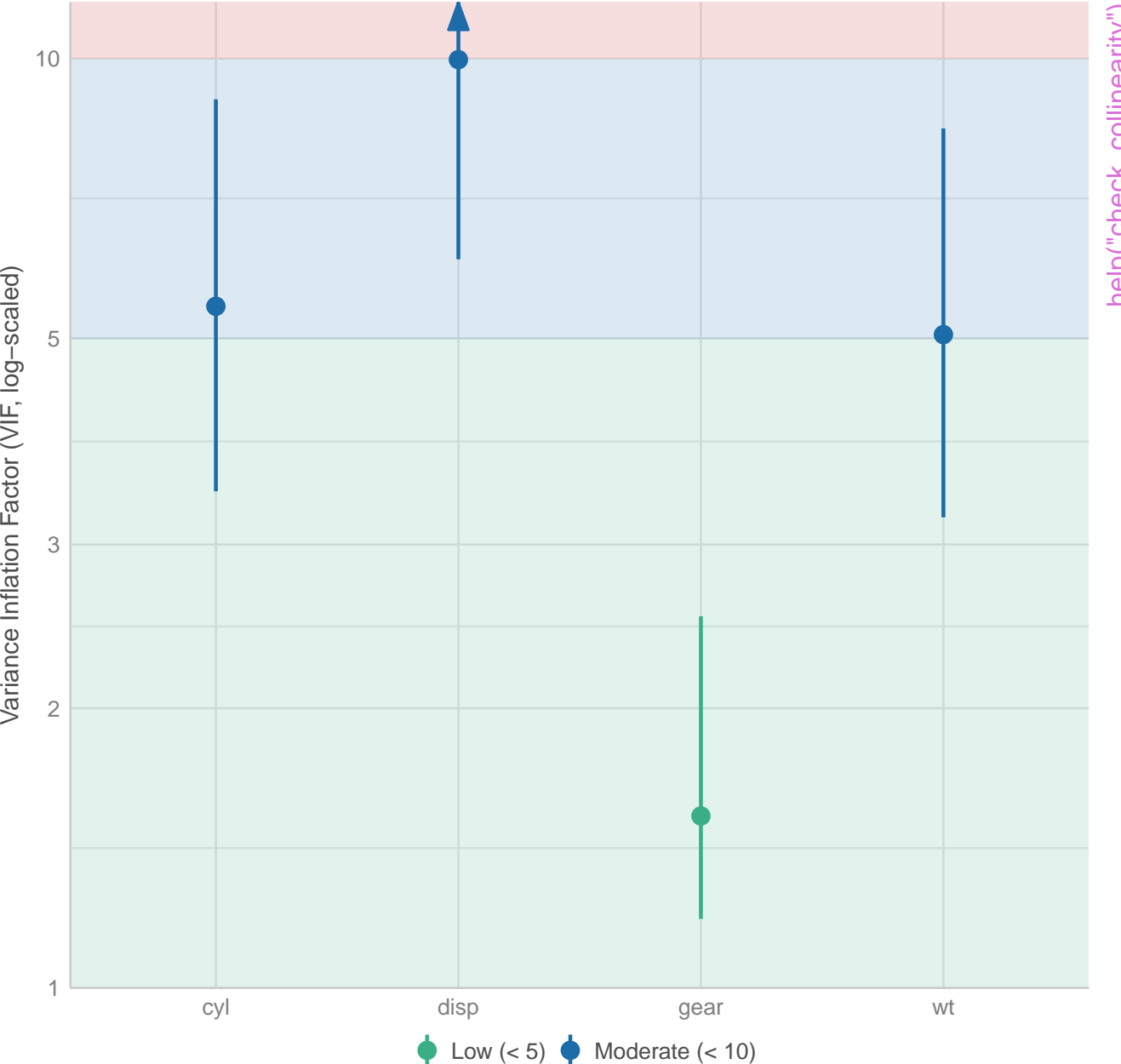


Binned Residuals

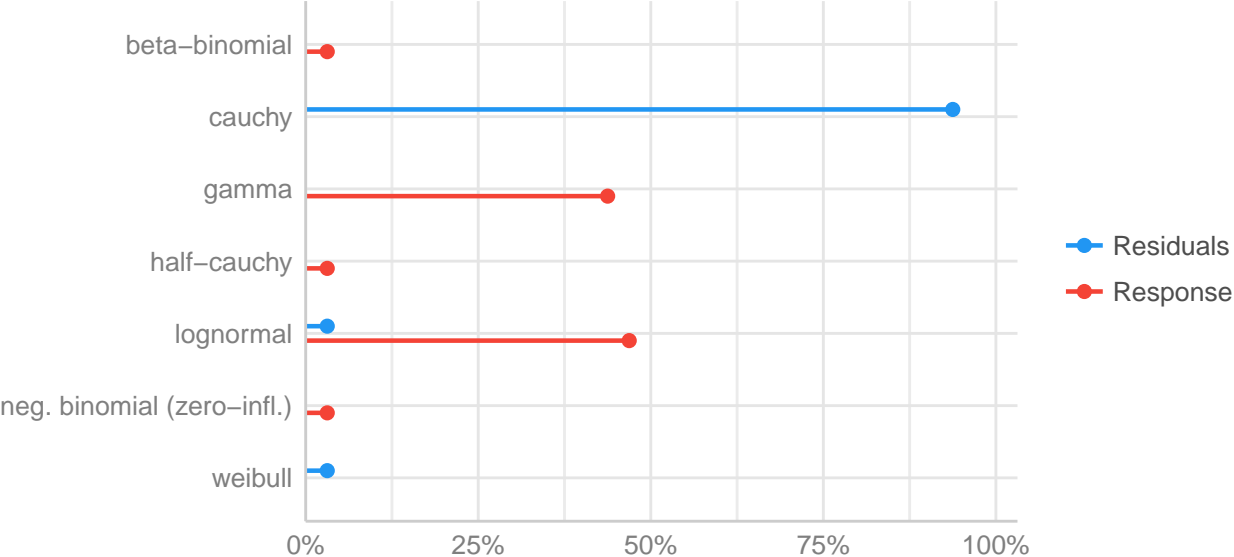
Points should be within error bounds



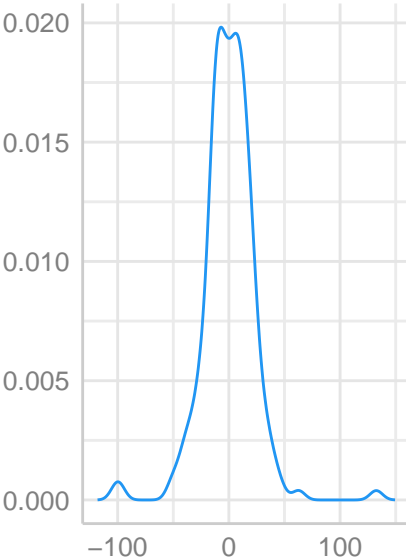
Collinearity
High collinearity (VIF) may inflate parameter uncertainty



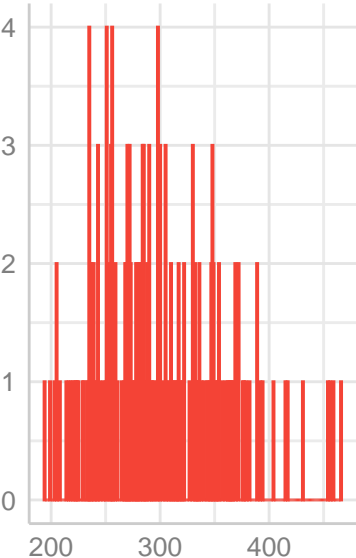
Predicted Distribution of Residuals and Response



Density of Residuals

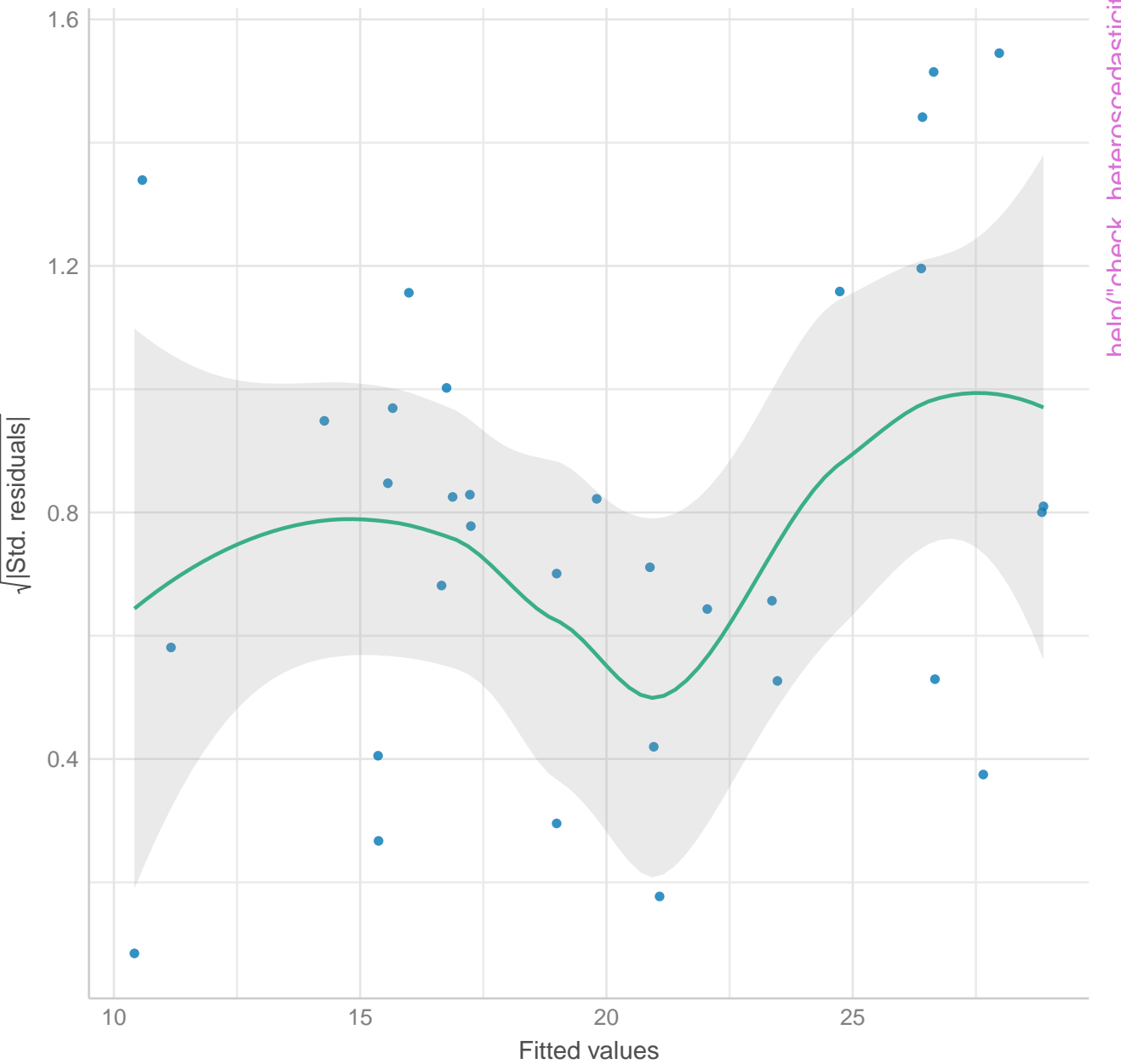


Distribution of Response



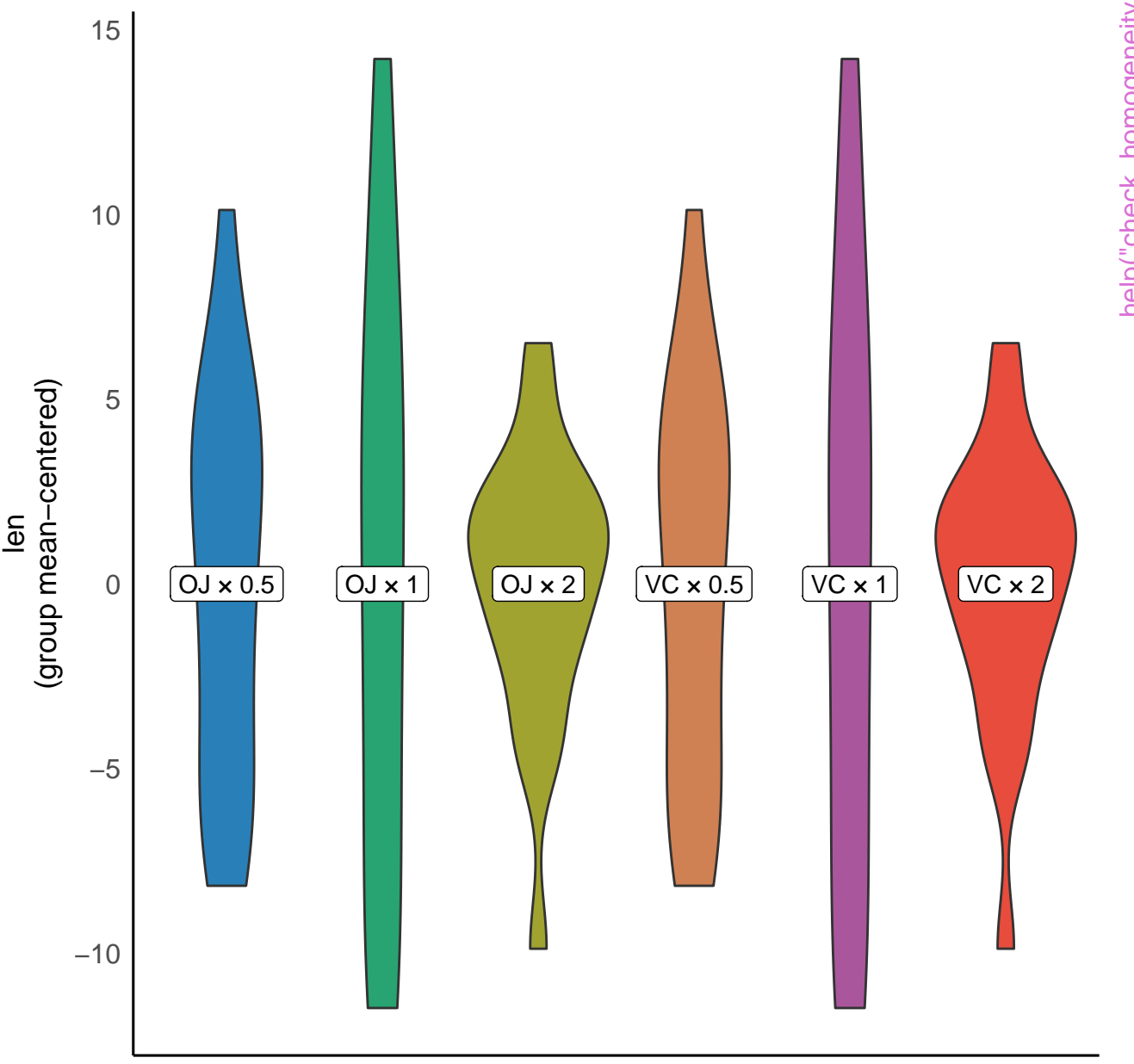
help("check_distribution")

Homogeneity of Variance
Reference line should be flat and horizontal

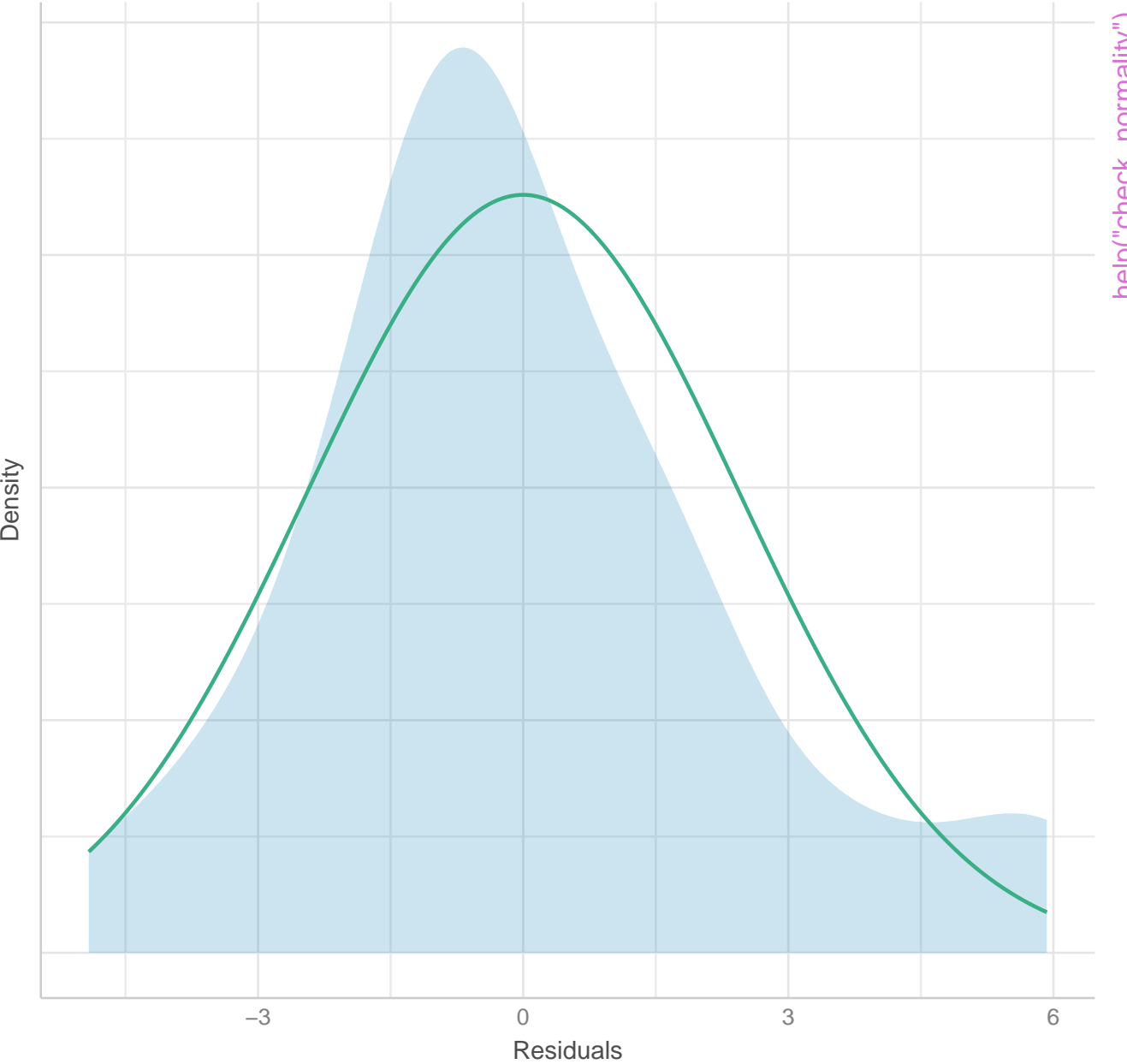


Homogeneity of Variance (Bartlett Test)

Groups should be evenly spread



Normality of Residuals
Distribution should be close to the normal curve



Posterior Predictive Check

Model-predicted lines should resemble observed data line

