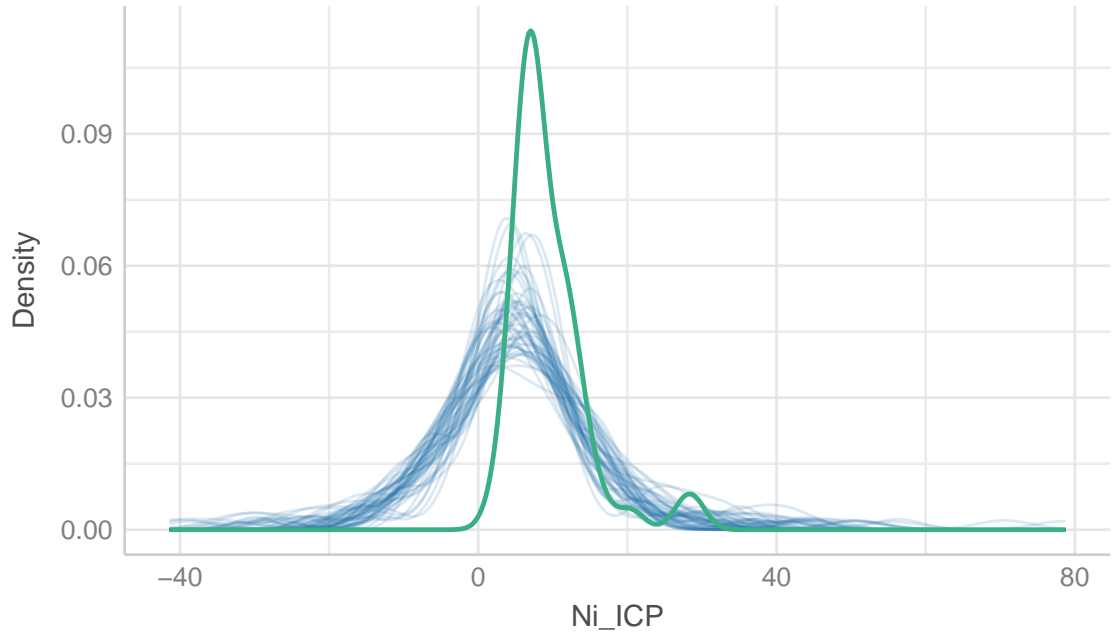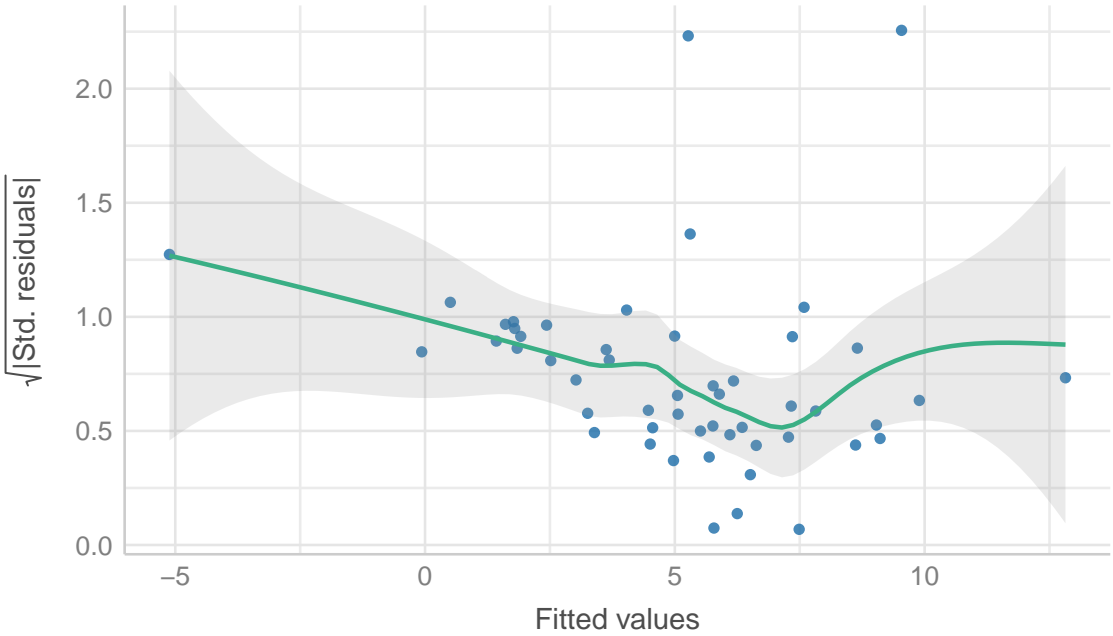## Posterior Predictive Check
Model−predicted lines should resemble observed data line
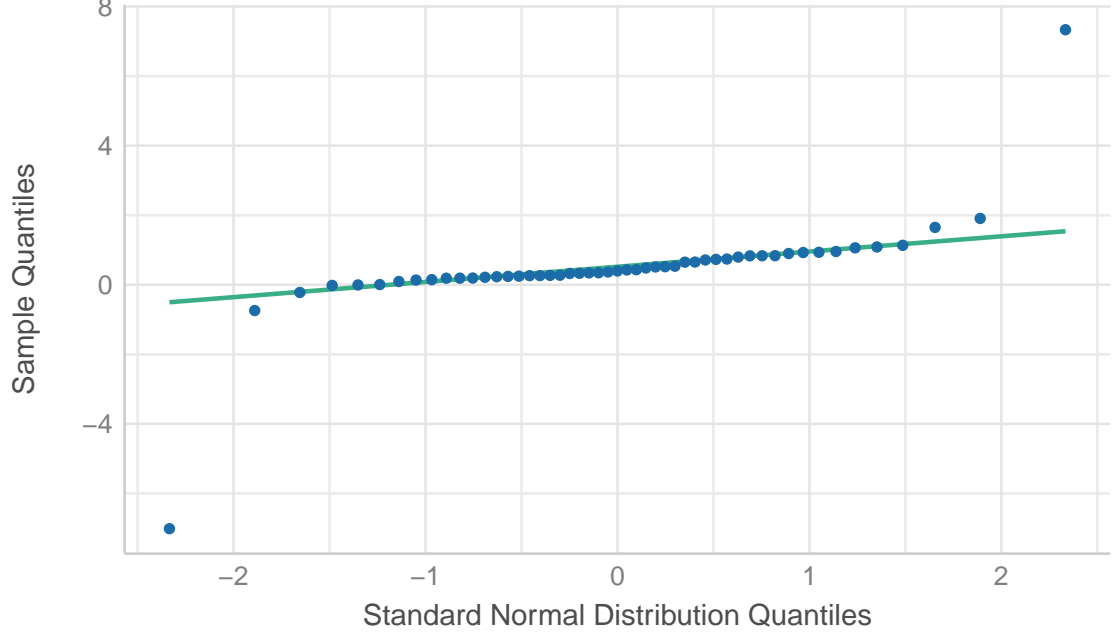
key — Model−predicted data — Observed data — Observed data — Model−predicted
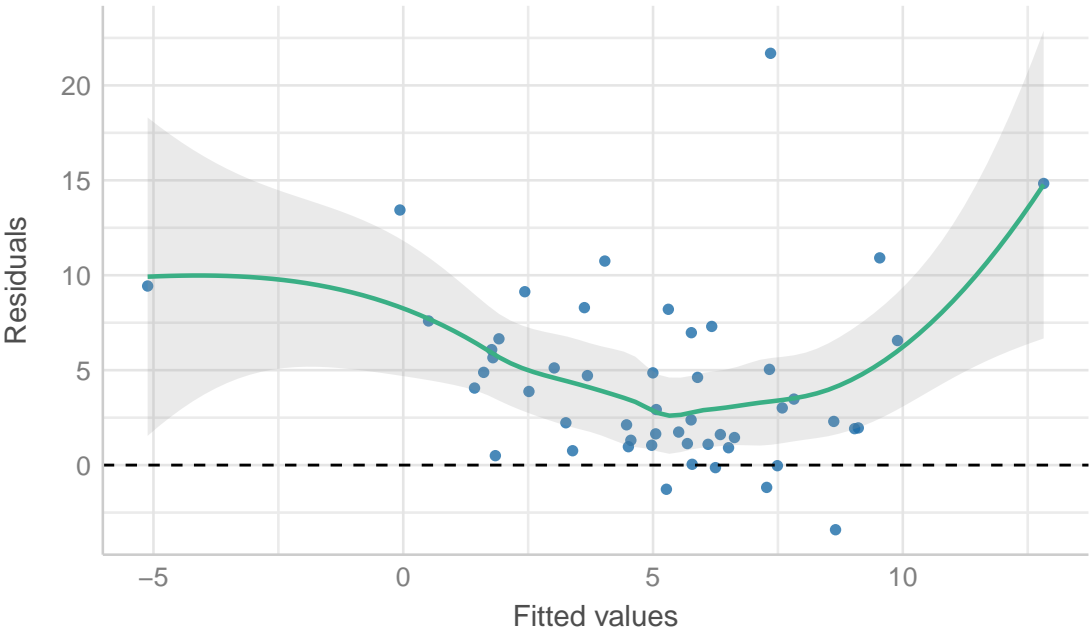
Linearity
Reference line should be flat and horizontal

Homogeneity of Variance
Reference line should be flat and horizontal

Influential Observations
Points should be inside the contour lines

Normality of Residuals
Dots should fall along the line