Posterior Predictive Check
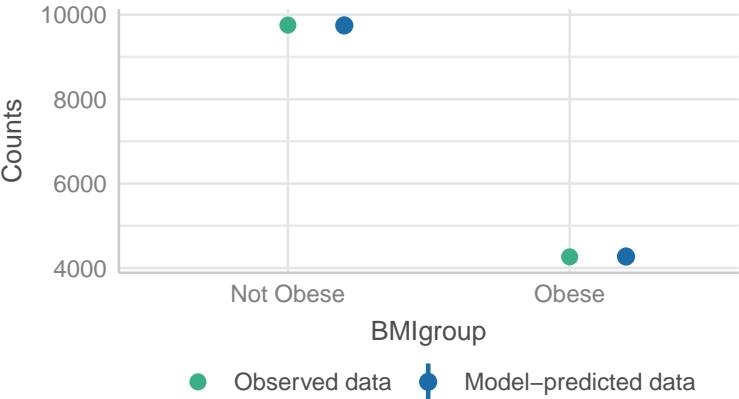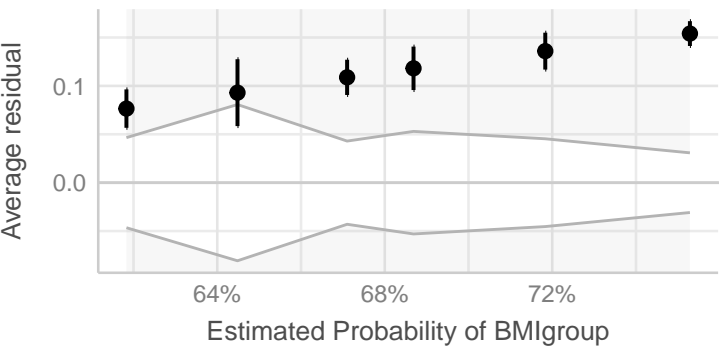Model−predicted intervals should include observed data points
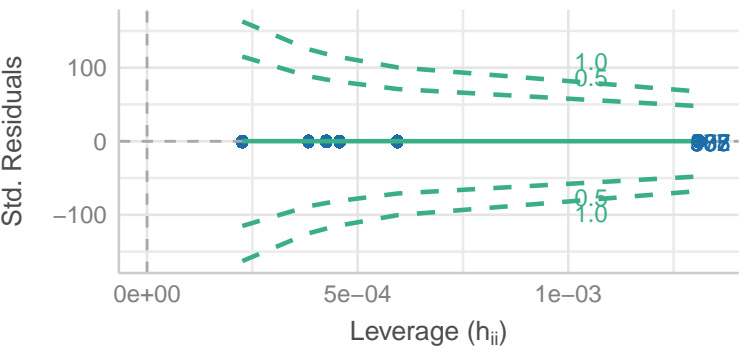
Binned Residuals
Points should be within error bounds

Influential Observations
Points should be inside the contour lines

Uniformity of Residuals
Dots should fall along the line

Observed data   Model−predicted data