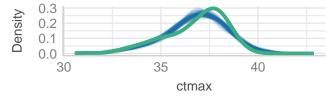
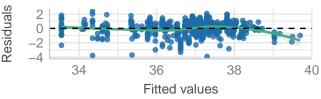
## Posterior Predictive Check

Model-predicted lines should resemble observed data I Reference line should be flat and horizontal



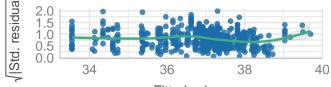
### Linearity



Observed data — Model-predicted data

## Homogeneity of Variance

Reference line should be flat and horizontal



Fitted values

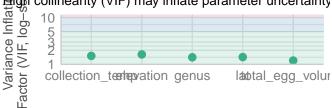
#### Influential Observations

Points should be inside the contour lines



**Collinearity** 

自動 collinearity (VIF) may inflate parameter uncertainty 原ots should fall along the line



Low (< 5)

# Mormality of Residuals

