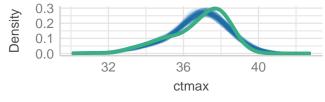
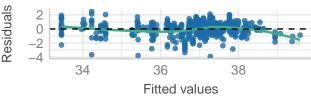
#### Posterior Predictive Check

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

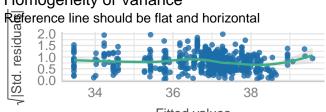


Observed data — Model-predicted data

## Linearity



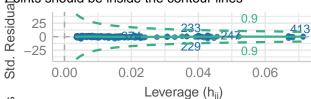
### Homogeneity of Variance



Fitted values

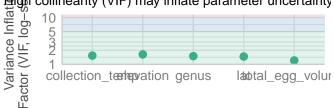
#### Influential Observations

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

