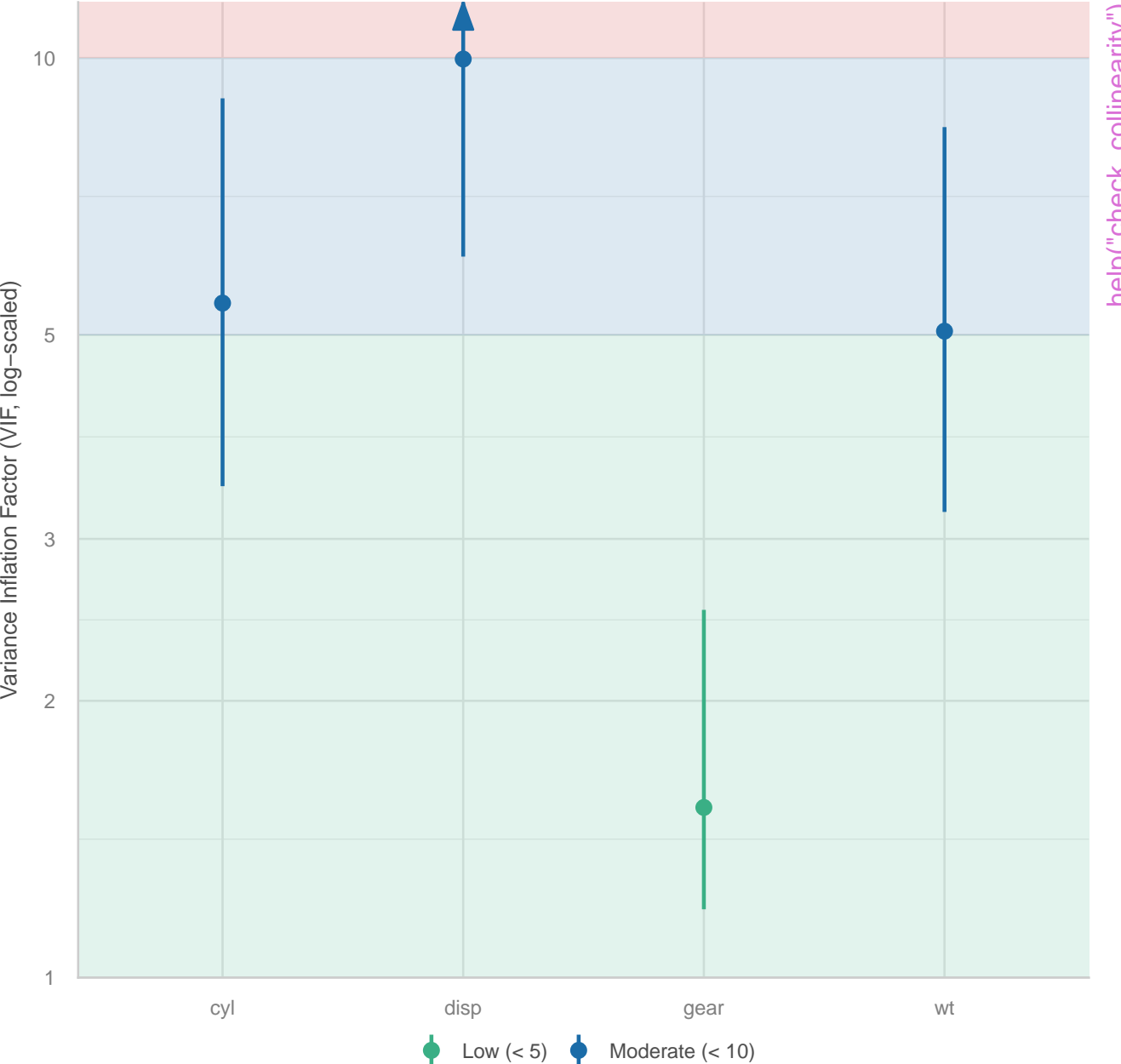
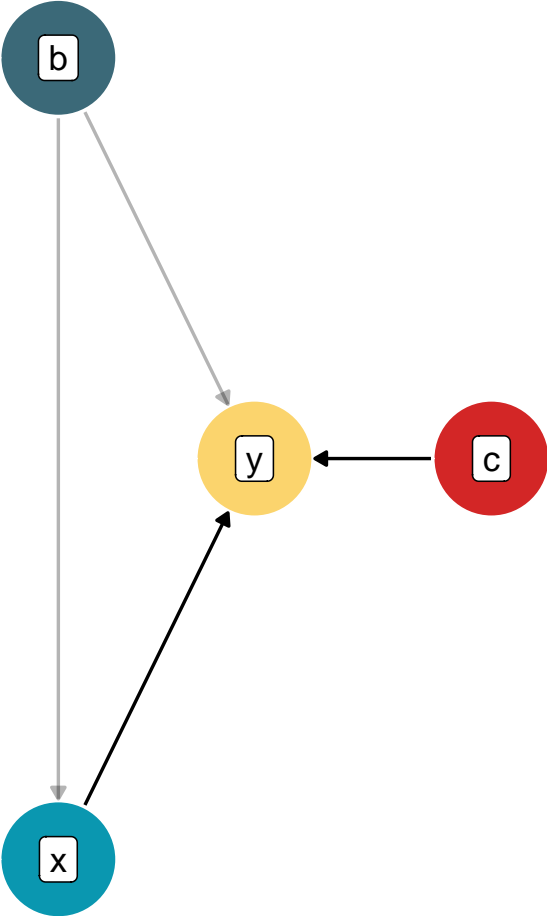
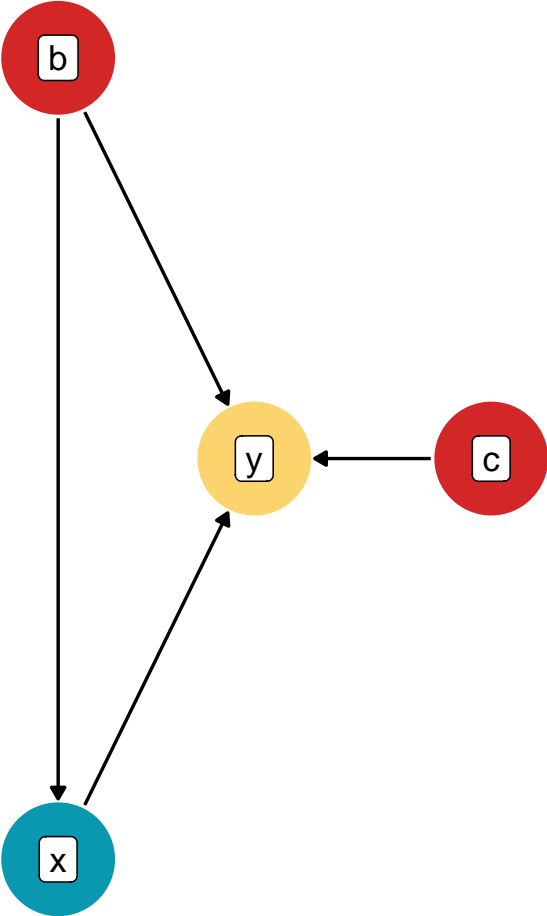


Collinearity  
High collinearity (VIF) may inflate parameter uncertainty



Current model

Required model (total effect)

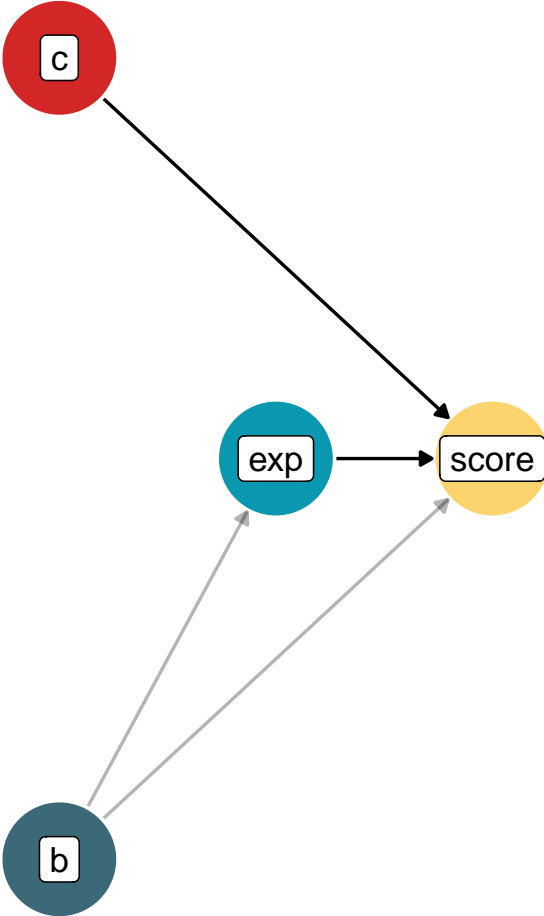
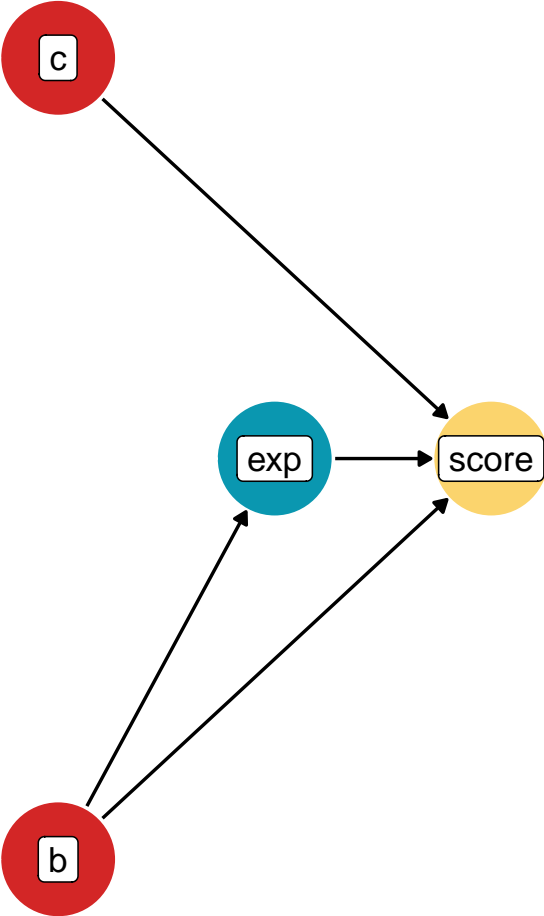


outcome exposure adjusted

help("check\_dag")

Current model

Required model (total effect)

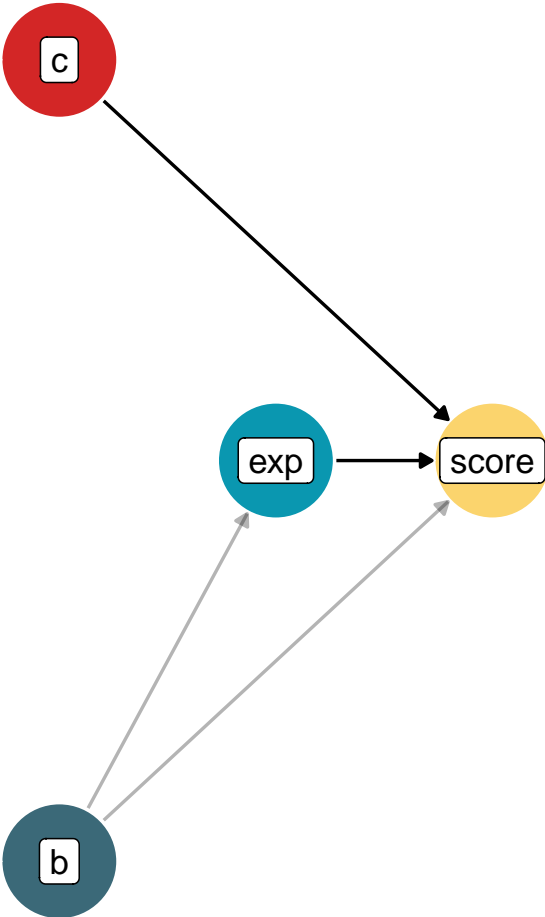
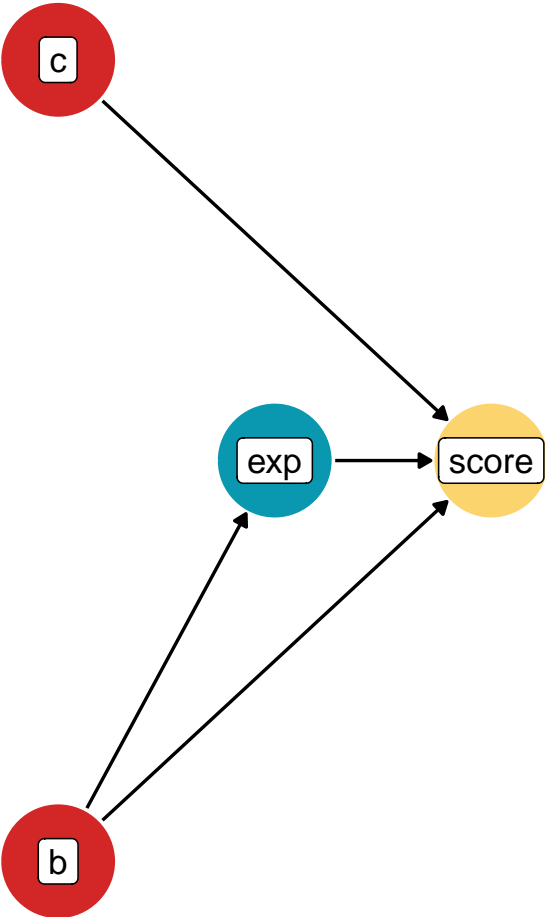


outcome exposure adjusted

help("check\_dag")

Current model

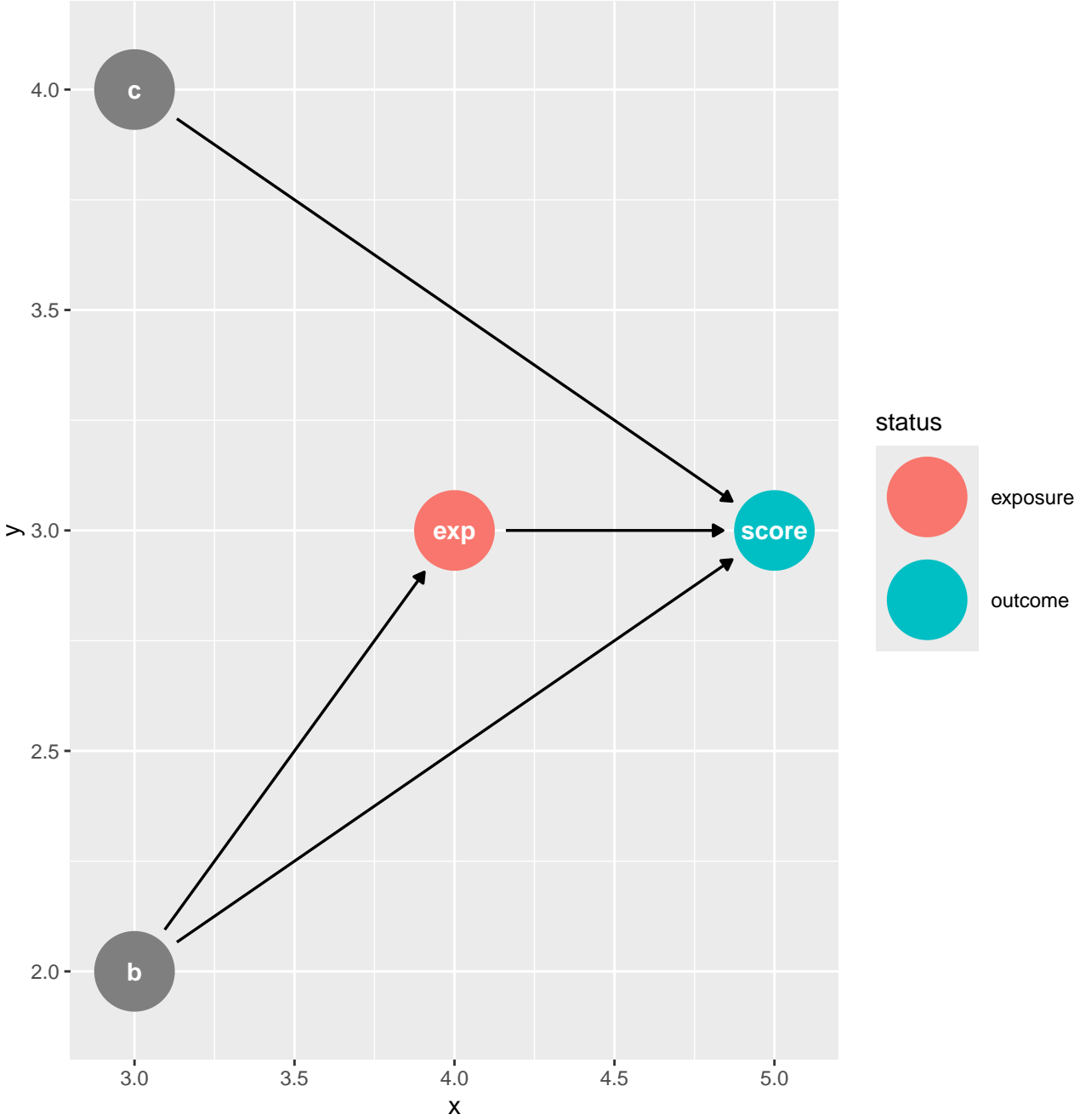
Required model (total effect)



outcome exposure adjusted

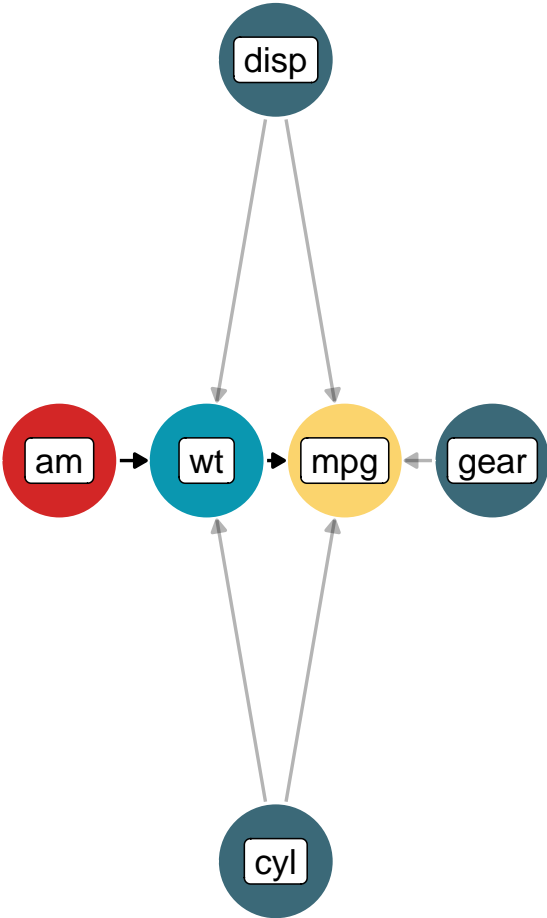
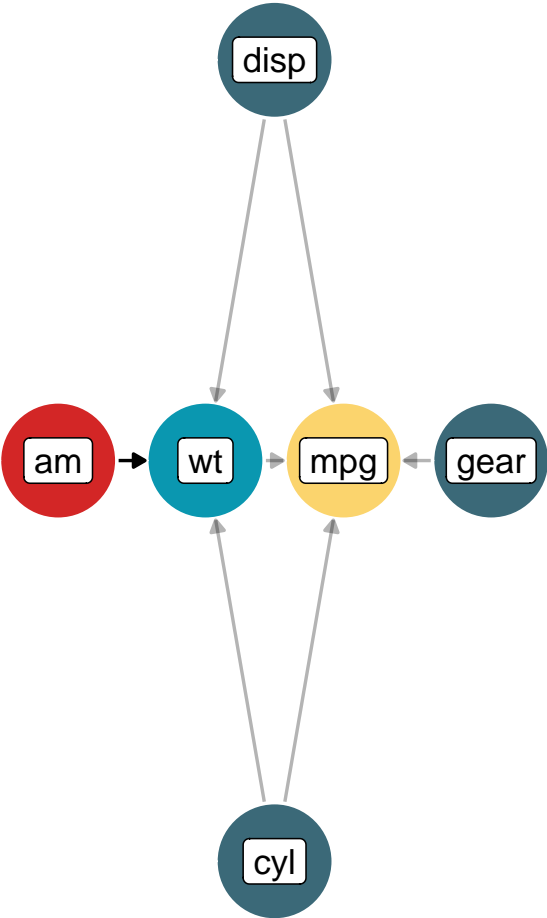
help("check\_dag")

help("check\_dag")



Current model

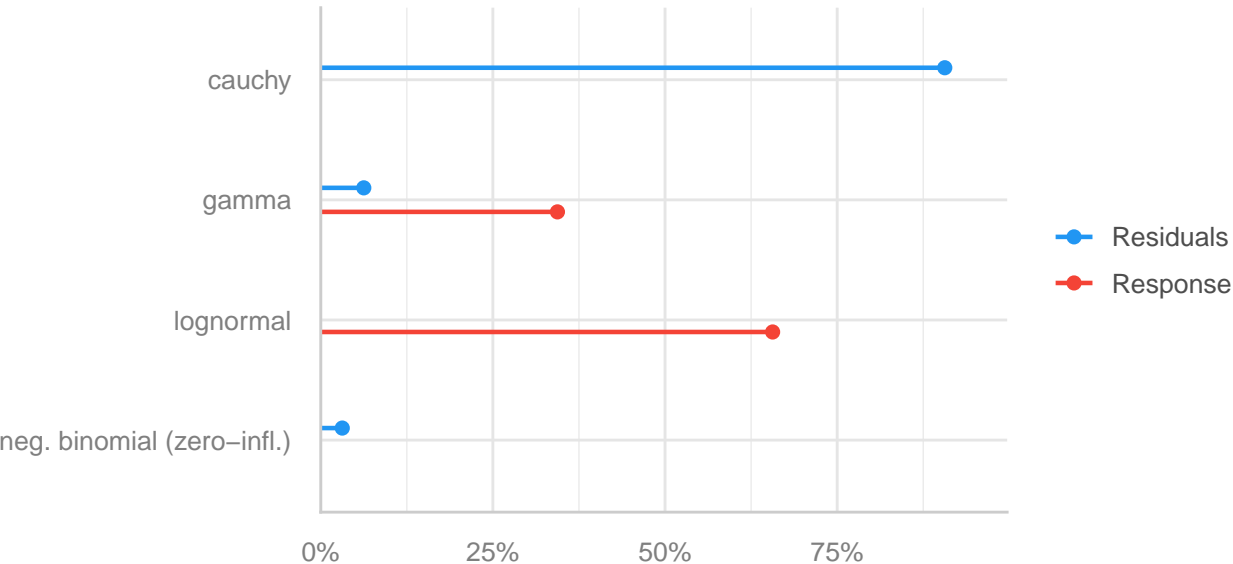
Required model (total effect)



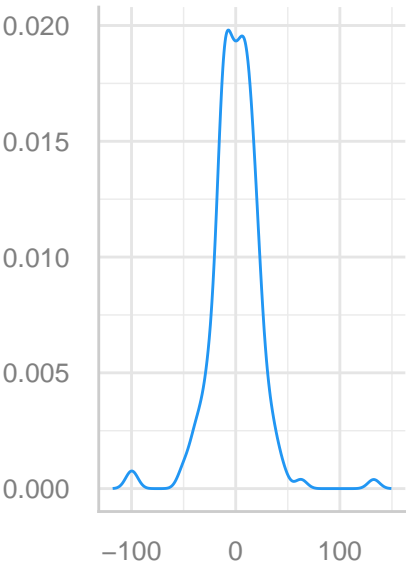
outcome exposure adjusted

help("check\_dag")

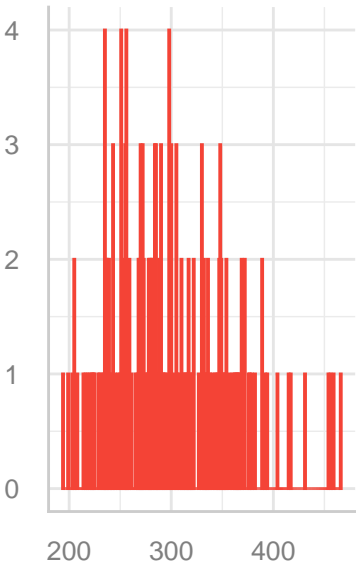
# Predicted Distribution of Residuals and Response



## Density of Residuals

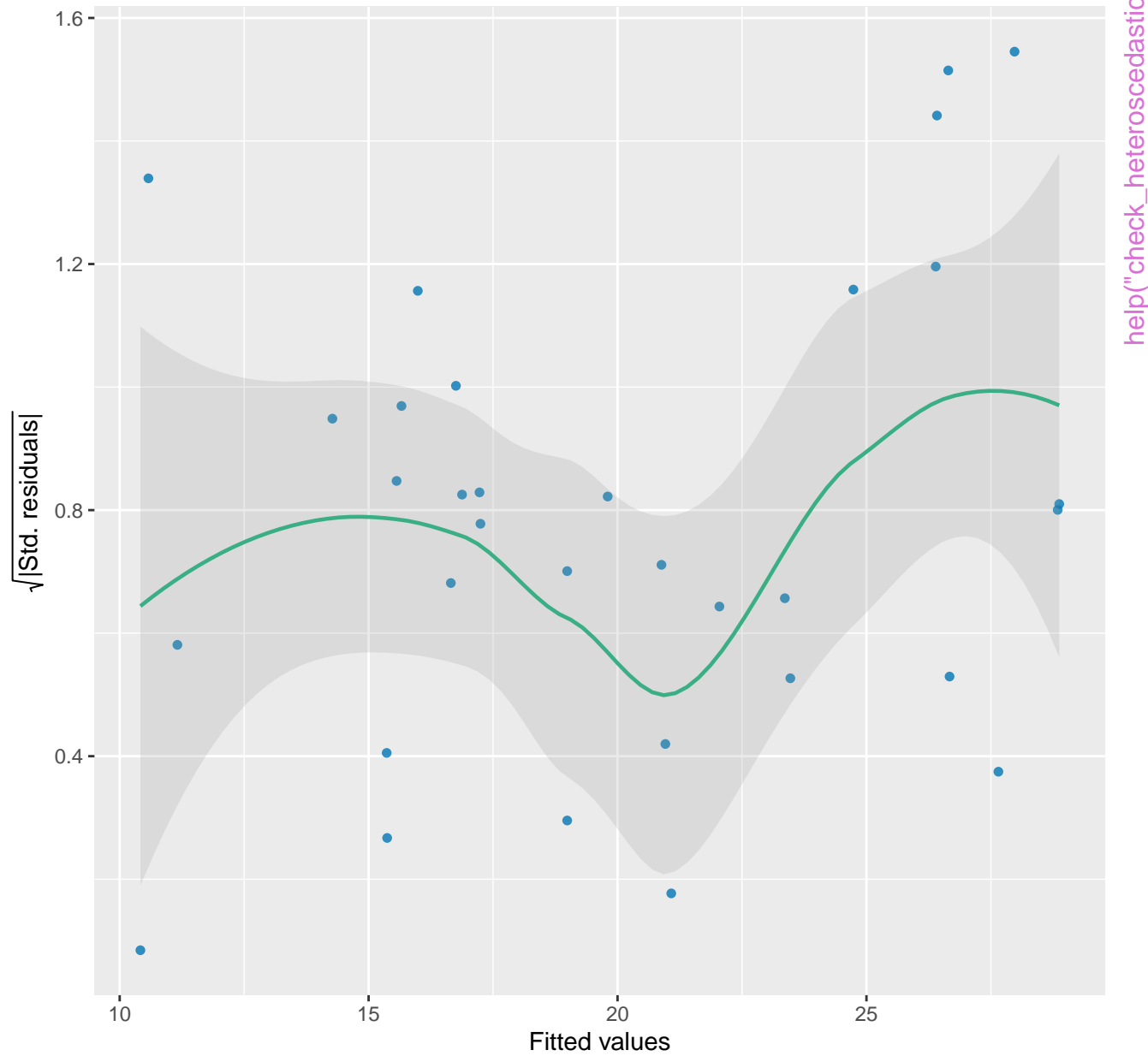


## Distribution of Response



# Homogeneity of Variance

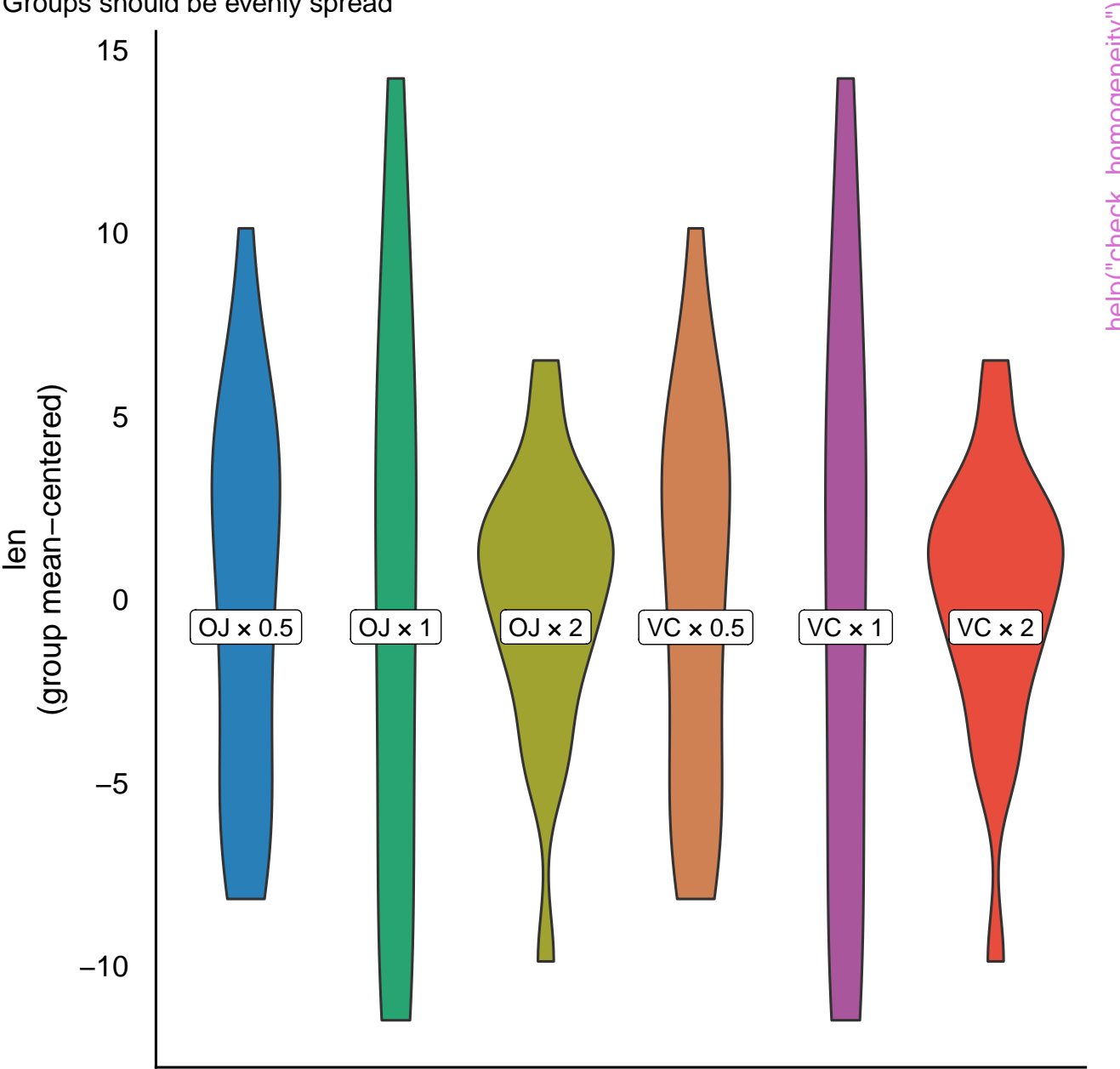
Reference line should be flat and horizontal



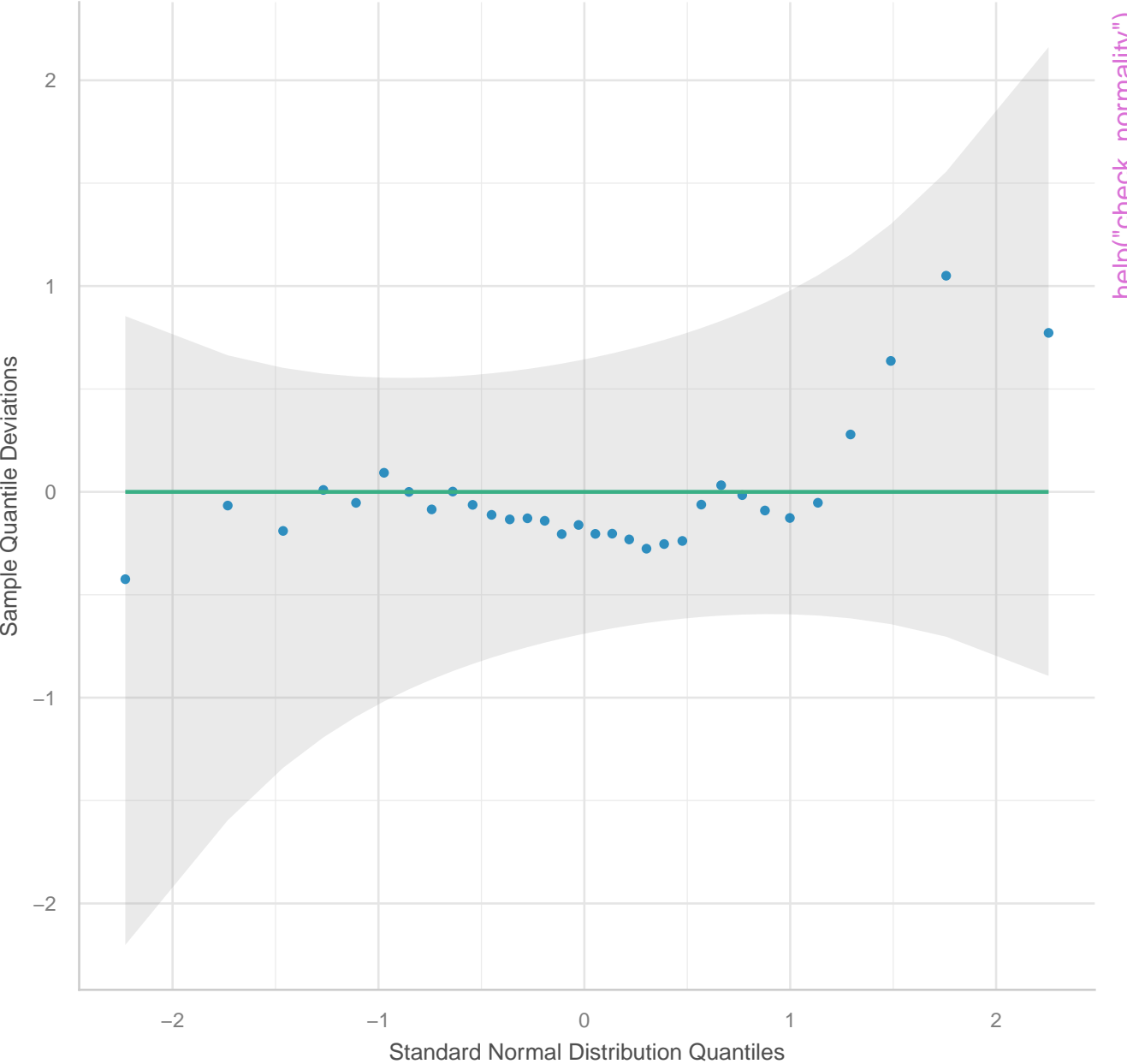


# Homogeneity of Variance (Bartlett Test)

Groups should be evenly spread

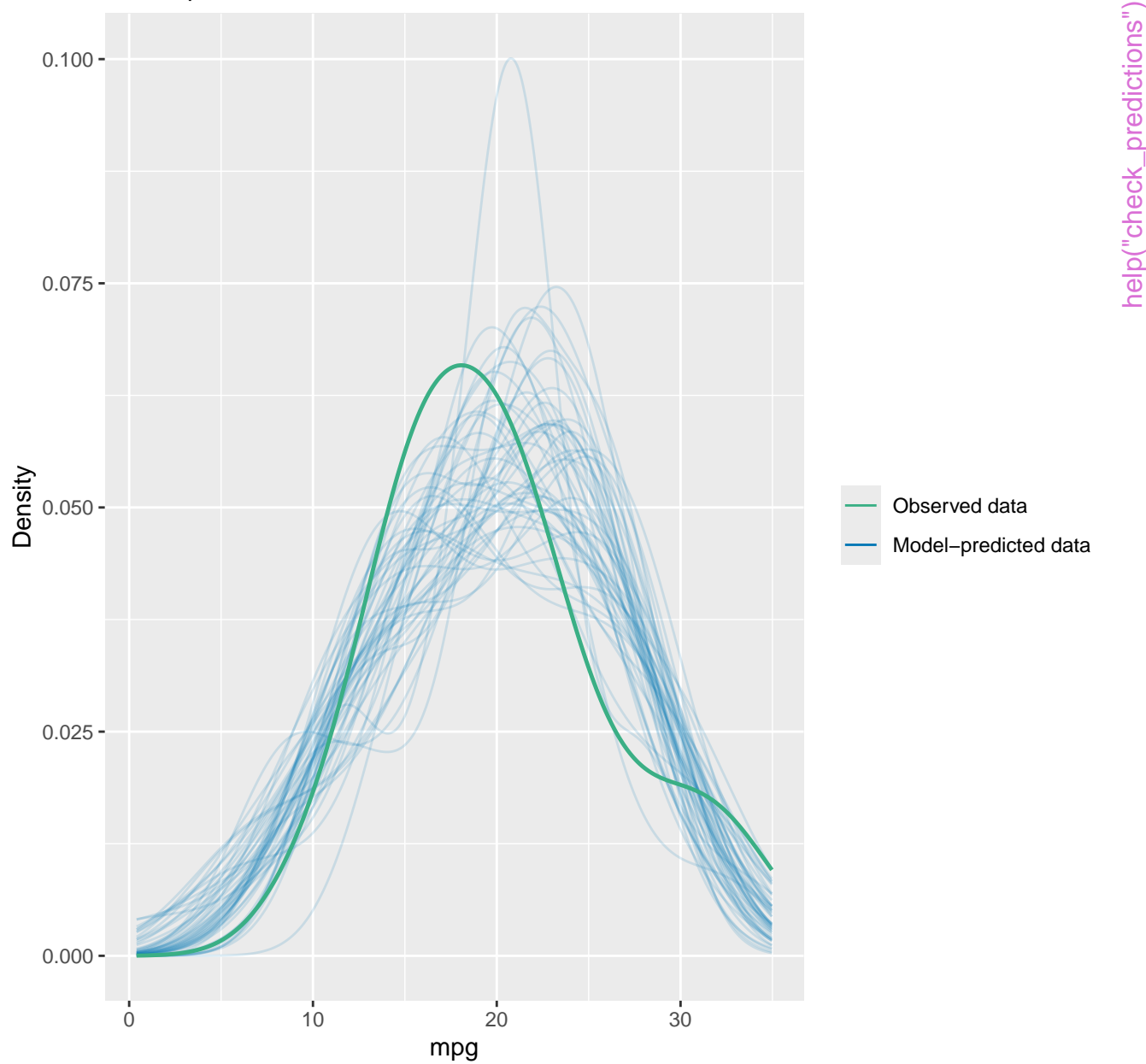


Normality of Residuals  
Dots should fall along the line



# Posterior Predictive Check

Model-predicted lines should resemble observed data line



# Posterior Predictive Check

Model-predicted points should be close to observed data points

