

EM Algorithm and ZIP models

Recap: EM algorithm for ZIP models

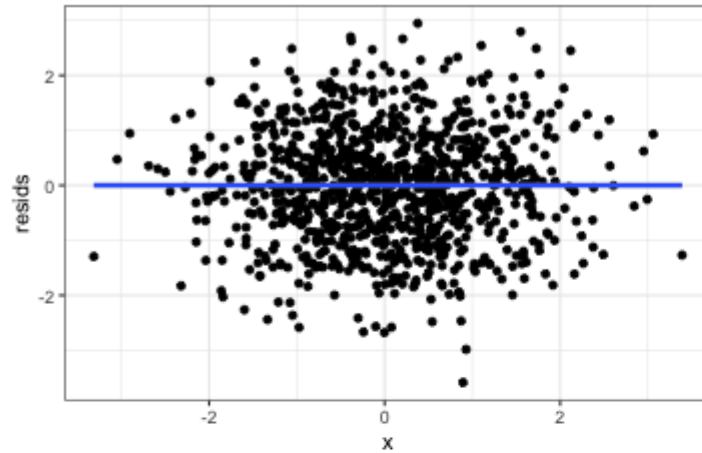
EM algorithm in general

Class activity

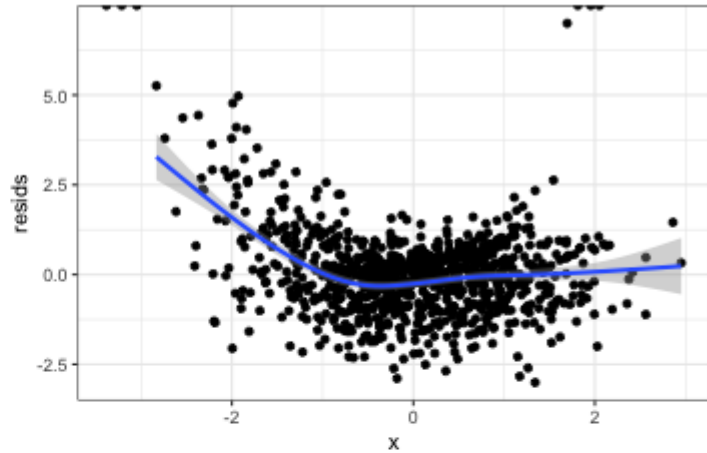
https://sta712-f22.github.io/class_activities/ca_lecture_31.html

Assessing the shape assumption

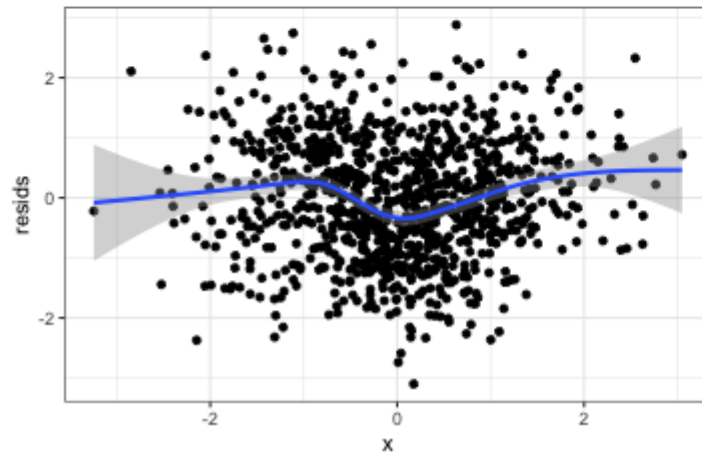
All assumptions satisfied



Poisson shape assumption violated



Logistic shape assumption violated



Logistic component vs. Poisson component