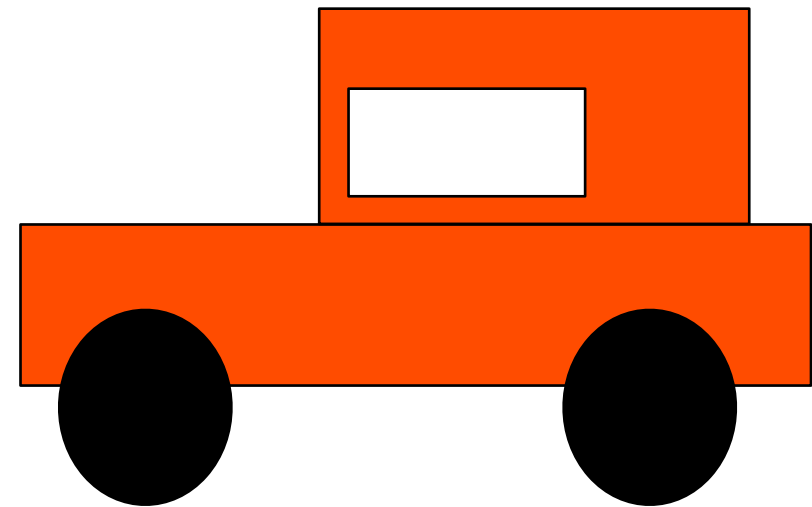


Real data



Model 1



Model 2

- So how do we tell if a particular statistical model is a good fit to our data?
- We can look at the extent to which our data deviate from a particular model (where deviation = error)...

Real data



=

Model 1



+ Error

Real data



=

Model 2



+ Error

- We want to select the model which has the smallest error (aka model residuals)...