

Exercise: Work with the “animals.csv” dataset that we used some time ago.

- 1) Read in the data and summarize it. Find means, SDs, plots, etc.
- 2) Fit a linear model where the independent variable is “body” (body weight) and the dependent variable is “brain” (brain weight). Identify outliers, high leverage points, influential observations, etc. Identify the points and explain why they appear to be outliers, high leverage points, and/or influential.
- 3) Try out transformations and find the best model you can.
- 4) With the best model you have, produce a plot that shows what the model is doing in the original scale. That is, something like the plot we did last time for the midterm elections data.

