

36-315: Statistical Graphics and Visualization

Homework 12

Date: April 9, 2003

Due: start of class April 14, 2003

1. Turn in your plots and code for lab 12.
2. Maps of the response variable are intended to trigger a mental search for related variables. What do think causes the response to vary across your state?
 - (a) To help answer this, make maps of the predictor variables you mentioned in homework 11. Experiment with different smoothing spans and map types. You can force the breaks to be equal across plots, as done in lab, or let the breaks be adapted to each plots.
 - (b) Describe the similarities and differences between how the predictors vary and how the response varies. (You may want to look back at what you did in homework 10.)
 - (c) Are there any spatial outliers in the response? Are they explained by any of your predictors?