

SPSS Tutorials

- A good online SPSS tutorial is <http://www.stat.tamu.edu/spss.php> . It's video-based, so you have to settle down to watch it. It gives some good explanations, and if you spend the time to listen, it will help you select the correct test for many circumstances.
- Another place to look that has lots of content is <http://www.spsstools.net/spss.htm> .

Topics for today:

Counting cars in Oxford. Linear regression analysis on student data. Question: are there the same fraction of red and blue cars in all areas of Oxford?

Split the CIA World Factbook data set on country areas into two groups. Do a random split so that nothing should be significant. Do t-tests. Take log to make things more linear. Plot histograms. Do nonparametric tests.

Significance is important, but once you've got significance, what matters is the size of the effect. Pearson's r^2 .