A Stata Course for Undergraduates
James Ng, Hesburgh Libraries, University of Notre Dame

Why Stata?
- Statistical package of choice among applied economists
- Helps students be more competitive for jobs
- Eases their transition to graduate school

Course logistics
- 7 meetings over 7 weeks (2 hours per meeting)
- 1 credit hour
- Hands-on and computer-intensive
- Target students: Juniors who are writing or are going to write a thesis in Economics or a quantitative social science

Course goals
- Focus on the practical aspect of data analysis rather than econometric theory
- Highlight common pitfalls that beginning researchers often fall into
- By the end of the course, students should feel sufficiently competent with Stata to independently work on any dataset

Topics
- Manipulating data and presenting results (5 meetings)
- Replication project (2 meetings)

Center for Digital Scholarship Classroom

Example Exercise 1

Example Exercise 2

Replication Project

Paper:

Data: 1990 U.S. Census (5% state sample and 1% metro sample) downloaded from IPUMS

Lessons Learned
What worked well
- Classroom setup
- Hands-on exercises
- Replication project

What worked less well
- Traditional computer lab setup
- Too much instructor demo
- Homework!