

CRS Statistical Courses

Data Wrangling in Stata: Fundamentals for New Users

Location: IBS 150

Dates and Times: 11:00AM to 12:30PM April 8, 2025

Duration: 90 minutes

This 90-minute course is designed to introduce new users of Stata to common data management techniques that are required for preparing and analyzing quantitative data with statistical software, including the following topics:

- A review of common data file formats
- Preparing datasets for use in Stata
- Reading Data into Stata
- Inputting raw data files into Stata
- Using and saving Stata data files
- Labeling data, variables and values
- Creating and Recoding Variables
- Subsetting variables and observations
- Collapsing data across observations
- Working across variables and observations
- Combining Stata files
- Basic visualizations

New affiliates, users who are new to Stata—and individuals with more advanced statistical skills who currently use other statistical software are welcome. Stata syntax covered in this course: IMPORT, USE, FDAUSE, INFILE, INFIY, INSHEET, INPUT, SAVE, SAVEOLD, LABEL, GENERATE, EGEN, REPLACE, RECODE, DROP, KEEP, COLLAPSE, BYSORT, SORT, APPEND, MERGE, PRESERVE, GRAPH, TWOWAY

Regression Ready: An Introduction to OLS with Stata

Location: IBS 150

Dates and Times: 11:00AM to 12:30PM April 15, 2025

Duration: 90 minutes

This 90-minute introductory course is designed to follow on the heels of our introductory course in Basic Data Management in Stata (“Data Wrangling in Stata: Fundamentals for New Users”), and teaches new users of Stata basic ordinary least squares regression techniques, including:

- Examining and preparing your data
- Simple linear regression
- Multiple regression
- Interpreting Stata output

- Post estimation analysis

This class is aimed at teaching new users basic regression commands in Stata, including post-estimation model evaluation techniques. New affiliates, users who are new to Stata—and individuals with more advanced statistical skills who currently use other statistical software are welcome. Stata syntax covered in this course: DESCRIBE, SUMMARIZE, TABULATE, INSPECT, LIST, MISSTABLE, DROP, KEEP, HISTOGRAM, SCATTER, REGRESS, PREDICT, RVPLOT, ESTAT, MARGINS, MARGINSPLOT

CRS Technical Skills Workshops

Securing (Y)our Data

Location: IBS 150

Dates and Times: 2:00PM to 3:00PM April 1, 2025

Duration: 60 minutes

Everyone who handles confidential data at IBS has a responsibility to keep it secure. This 60-minute workshop is designed to equip you with the skills to:

- Evaluate the sensitivity of data
- Decide when to deidentify or anonymize data
- Decide where to store data at IBS and CU
- Decide which software can be used for data analysis
- Transfer data between different systems and organizations
- Understand encryption, passwords, and secure data transfer technologies
- Communicate securely with your colleagues
- Respond to IRB and other agencies' questions about data security
- Know who can help