Slides

Mahdi Shams
mashams@ucdavis.edu

This draft: January 10, 2025

Introduction

- I'm Mahdi Shams, your TA for this course.
- I'm a third-year PhD student in Davis ARE.
- I'm here to assist you, so feel free to reach out with any questions or concerns!
- my email is mashams[at]ucdavis[dot]edu.

It's your turn now!

Announcements

Announcements:

- Sections: Fridays 9:00-9:50 am at Olson 163
- Mahdi OHs: Fridays 10:00-11:00 am at SSH 2143

Access to Stata

- **Option 1**: `https://stata-support.ucdavis.edu/`
- **Option 2**: `https://virtuallab.ucdavis.edu/`
- **Option 3**: ARE Computer Lab

To reference your files from within your Stata code, prefix the path with `tsclient`; for example:

`\\tsclient\C\Users\goettsch\Documents\ARE106\stata.do`

Week 1: Stata Basics

- type `doed` in the command window to open the do-file editor
- asking help 1: `help` "command"
- asking help 2: google *help "command" stata*
- basic stata syntax: `command varlist if in, options`
- setting working directory
- importing data
- `browse, describe,...`
- operators
- getting summary statistics: `summ, tabulate|, ...`
- `gen, replace, drop, keep, ...`
- using functions: `log(x)`

Week 2: Lectures 1 to 3 (limited dep. variable) and presentation

Lectures

1. estimating linear models
2. estimating probit models
3. plotting the scatter plot
4. computing the rmse

Presentation

Motivation: Fixed costs + now you have more time

1. template do file
2. making log file and converting it to pdf
3. making the tex file (look at the example.tex)

Links

- Example .do file
- Example .tex file
- Stata Visual overview for creating graphs
- exporting regression tables using estout
- LaTeX in 30 Minutes