

Welcome to ARE 256B Sections!

Mahdi Shams

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Outline I

Introduction

Introduction I

- ▶ I'm Mahdi Shams, your TA for this course.
- ▶ I'm a second-year PhD student in Davis ARE.
- ▶ Originally from Tehran, Iran, I pursued my undergraduate studies in engineering there and later earned my master's degree in economics in Toulouse, France.
- ▶ I'm interested in the intersection of environmental policy and public economics, and I believe econometrics plays a crucial role in my work.
- ▶ 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 I

Announcements:

- ▶ Sections: Fridays 9:00-9:50 am at Veihmeyer Hall 116
- ▶ Mahdi OHs: Fridays 10:00-11:00 am at SSH 2136

Setup I

Access to Stata:

- ▶ option 1: <https://stata-support.ucdavis.edu/>
- ▶ option 2: <https://virtuallab.ucdavis.edu/>
- ▶ option 3: ARE Computer Lab

Week 1: Stata Basics I

- ▶ 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)`

Week2: Lectures 1 to 3 (limited dep. variable) and presentation I

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. creating and exporting plots ([link](#))
4. creating regression tables using estout ([link](#))
5. exporting regression tables
6. making the tex file (look at the `example.tex`)