

Lecture 3

Linear Panel Data Models

Topics in applied macroeconomics

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Reading list

1. Papers to read

- Baier and Bergstrand (2007)
- Other interesting papers which use panel data models
 - i. Debt and economic growth: Alfonso and Jalles 2013, Egert, 2012
 - ii. Inequality: Jaumotte et al. 2013
 - iii. Public debt determinants: Afonso and Jalles 2011
 - iv. CDS spreads: Aizenman et al. 2013, Eichler 2014

2. Codes and data files

- example 1.do

3. Homework data sets

- grunfeld.dta
- panel_hw.dta

Overview of the lecture

Reading list

Overview of the lecture

Introduction

Motivating example

Panel data

Fixed Effects (FE) Estimator

Random Effects (RE) Estimator

First Difference (FD) Estimator

Testing panel data models

Other useful panel data commands in Stata

Useful panel data management commands

Exercise 1

Exercise 2