Master in Economics, Allievi Programs, and Ph.D. in Economics

Applied Economics
Spring 2020
Instructor: Ainoa Aparicio Fenoll

Contact Information
ESOMAS Department
University of Turin
Office hours on appointment
Phone: 0039-0110916005
E-mail: ainoa.apariciofenoll@unito.it
https://sites.google.com/view/aaparicio/home

Course Description
This course intends to provide students with basic microeconometric tools to address empirical questions, with special emphasis on their application to Labor Economics. I describe the econometric theory behind the different techniques, comment on empirical research papers applying these techniques and lead students through the implementation of the econometric methods using actual data sets.

Requirements
At the end of the course, students are expected to be able to discuss the suitability of the specifications used in applied economics research, comment on the validity of instrumental variable strategies, design difference-in-differences estimations, understand the context in which regression discontinuity design is applied and be able to obtain correctly estimated standard errors.

Required text

Supplementary readings
P. Cahuc and A. Zylberberg, ”Labor Economics”, MIT Press.

TOPICS
1. REGRESSION
MHE, Chapters 1-3

2. INSTRUMENTAL VARIABLES
MHE, Chapter 4

3. DIFFERENCE-IN-DIFFERENCES
MHE, Chapter 5

4. REGRESSION-DISCONTINUITY DESIGNS
MHE, Chapter 6

5. STANDARD ERROR ISSUES
MHE, Section 3.1.3
MHE, Chapter 8