

Econometric Evaluation of Education Policies

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Ph.D. Course, MGSE, SS 2020

Outline: Course Modules

A. Introduction

- A.1 The Course
- A.2 The Economics of Education
- A.3 Measuring Educational Outcomes

B. Topics in Education Policy

- B.1 Educational Production, Class-Size Effects, and Funding
- B.2 New Technologies in Education
- B.3 Teachers and Teaching
- B.4 Performance Incentives for Teachers and Students
- B.5 Accountability and Central Exams
- B.6 School Autonomy
- B.7 School Choice and Competition
- B.8 Nudges: The Behavioral Economics of Education
- B.9 Families and Intergenerational Mobility
- B.10 Peer Effects and Social Interaction
- B.11 Tracking
- B.12 Early Childhood Education Programs
- B.13 Vocational Education and Training
- B.14 Higher Education
- B.15 Adult Education and Training

C. Econometric Methods for Policy Evaluation

- C.1 Causal Inference from Observational Data
- C.2 Instrumental Variables
- C.3 Regression Discontinuity
- C.4 Differences-in-Differences
- C.5 Fixed Effects

D. Paper Writing

E. Reading Sessions

F. Project Discussions

- F.1 Discussion of Project Ideas
- F.2 Detailed Project Presentations