



LACEA

**Applied econometrics for the analysis of micro and panel data
Course Outline**

Pontificia Universidad Javeriana, Bogotá

13th- 16th July, 2009

**Profesor: Sebastian Galiani
Washington University in St. Louis**

1. Basics: linear estimation models, exogeneity and causality, bootstrapping.
2. Endogeneity: Instrumental variables, and two-stage least squares.
3. Linear models for panel data.
4. Program Evaluation: random and stratified design, inference in small sample, matching estimators.
5. Regression Discontinuity Designs. Double inference methods.
6. Dynamic panel data models.
7. Computer lab session.