Training Workshop on the Assessment of the Poverty Impact of Public Programs

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PROGRAM
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Note: Participants are encouraged to send before or bring with them survey data with which they would like to test the tools that will be taught in this workshop. Applications using real data will be an important feature of this course, using softwares such as DAD (which will be distributed for free) and STATA.
1st part: Theoretical presentations

9h30 -10h00: Introduction (H. Djebbari)

- Global evaluation = \{control, process evaluation, cost – benefit evaluation, impact assessment\}

- Impact assessment : three main approaches
  o Experimental methods
  o Quasi and non experimental approaches
    ▪ Propensity score matching;
    ▪ Difference in difference;
    ▪ Instrumental variables;
    ▪ Reflexive comparisons.
  o Qualitative approaches
  o Others approaches (macro and others)

- Objective of this training module: Impact assessment using experimental versus non experimental methodologies.

10h00 -11h00: Experimental approaches or social experiments (H. Djebbari)

 o Methodology
 o Random assignment
 o Underlying assumptions
 o Estimators
 o Distribution of impacts
 o Advantages and disadvantages

- Applications in the literature

11h00 -11h20 PAUSE
11h20 -12h30: Quasi-experimental methods

- Propensity score matching (D. Boccanfuso)
  o Methodology
  o Matching estimator
  o Propensity score matching
  o Advantages and disadvantages
  o Applications in the literature

- Difference in difference or double difference (D. Boccanfuso)
  o Methodology
  o Advantages and disadvantages
  o Applications in the literature

12h30 -14h00 Lunch

14h00 -15h30: Quasi-experimental methods (cont.)

- Instrumental variables (H. Djebbari)
  o Methodology
  o Advantages and disadvantages
  o Applications in the literature

- Other methods

Conclusions (H. Djebbari and D. Boccanfuso)

  o When to make an evaluation?
  o Choosing a methodology

15h30 -15h50 PAUSE

2nd part: Applications (H. Djebbari and D. Boccanfuso)

15h50-17h30

- Stata routines;
- Some exercises.
Behavioral Incidence Analysis of Public Spending and Social Programs

Sami Bibi

1. Motivation.
2. Assumptions.
3. Notations and definitions: the equivalent income.
4. Two exact individual measures of the reform: the equivalent gain and the compensate gain.
5. Approximate measures of the individual impact of the reform.
6. The social impact of an anti-poverty policy.
7. Robustness analysis.
8. Marginal incidence analysis.
10. Ex ante approach to incorporate behavioral responses