

“The use of household survey data and microsimulation techniques for policy analysis”

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June 17, 2006, Addis Ababa

Part I: An Introduction to the Analysis of Household Survey Data

14:30-16:15

1. Household survey basics

- a) Introduction: Why and when use household surveys?
- b) The design of surveys: Sample selection/size, three-stage design, weights/inflation factors
- c) Content: Types of surveys, LSMS surveys, questionnaires, practical examples, Software used to work with the data
- d) Key variables: Welfare measures
- e) Quality: Typical difficulties, measurement and non-measurement errors
- f) Availability: Where can you get the data?

2. Analysing household survey data: Methods and tools

- a) Quantile functions
- b) Poverty measures and decompositions
- c) Inequality measures and decompositions
- d) Poverty comparisons
- e) Descriptive analyses

Essential Readings

Deaton, Angus (1997). *The Analysis of Household Surveys. A Microeconomic Approach to Development Policy*. World Bank. John Hopkins University Press.

Duclos, Jean-Yves (2006). *Poverty and Equity*. See www.mimap.ecn.ulaval.ca

Part II: Microsimulations and Macro-Micro Analysis

16:45-18:30

Microsimulation models

- a) What is a microsimulation?
- b) Micro-accounting models
- c) Behavioral microsimulations
- d) Dynamic microsimulations

Macro-micro models

- a) Why, what, and when?
- b) “Sequential” macro-micro models
- c) “Fully-integrated” macro-micro models

Essential Readings

Bourguignon, F., A. Spadaro (2006). Microsimulation as a Tool for Evaluating Redistribution Policies. *Journal of Economic Inequality*, Vol. 4, No. 1.

Cogneau, Denis, Michael Grimm and Anne-Sophie Robilliard (2003). Evaluating Poverty Reduction Policies: The Contribution of Micro-simulation Techniques. In: J.-P. Cling, M. Razafindrakato and F. Roubaud (Eds.), *New International Poverty Reduction Strategies* (pp. 340-370), London: Routledge Books, 2003.