MPIA Training Workshop
Colombo, June 9-10, 2005

Introducing behaviour in micro-macro simulation models

Michael Grimm
Department of Economics, University of Göttingen
DIAL Paris and DIW Berlin

Programme
(April 28, 2005)

Thursday, June 9

Morning
8h30 – 10h30

- Introduction: Microsimulation for poverty analysis
- Review of micro-econometrics
  - Linear regression with multiple regressors
  - Limited dependent variable models

11h00 – 13h00

- Basics in Stata
- Exercise: Micro-econometrics (Hands-on session)

Afternoon
14h00 – 16h00

- Household Income Model:
  - Theory
  - Estimation procedure
  - Simulation (incl. treatment of unobserved factors)

16h30 – 18h00

- Exercise: Estimation of a household income model (Hands-on session)
Friday, June 10

Morning
8h30 – 10h30

- Top-down micro-macro simulation model with micro-behavior:
  - Principle and Methodology
  - Estimation
  - Simulation
  - Examples

11h00 – 13h00

- Exercise: Simple simulations (hands-on session)

Afternoon
14h00 - 16h00

- contin. Exercise.

16h30 – 18h00

- Fully integrated micro-macro simulation model
  - Motivation
  - Principle and Methodology
  - Illustrative Example
  - Exercise: Simple simulations (hands-on session)

End of the workshop