

## **Workshop on Econometric Methods for Program Evaluation**

### **“Institutions for Growth” RPC**

**28-30 January 2008 Kampala, Uganda**

#### **Monday Panel Data & Differences-in-Differences**

\*Key reference: Martin Ravallion, 2001, “The Mystery of the Vanishing Benefits: An Introduction to Impact Evaluation”, World Bank Economic Review.

9:00 – 10:00 Introduction Overview of RPC research themes: Dr. Thomas Kibua and Lawrence Bategeka

10:00 – 11:00 Econometric theory Panel data and diff-in-diff techniques (slides)

11:15 – 12:30 Presentation of applied research Prof. Germano Mwabu (slides)

2:00 – 5:00 Computer exercises Diff-in-diff analysis: “Mystery of the Vanishing Benefits” (handout)

#### **Tuesday Randomization and Instrumental Variables**

\*Key reference: Glewwe, et al, 2004, “Retrospective vs. prospective analyses of school inputs: the case of flip charts in Kenya”, Journal of Development Economics.

9:00 – 10:30 Participant presentation and group discussion “Flip charts in Kenya”

11:00 – 12:30 Econometric theory Randomization and instrumental variables techniques (slides)

2:00 – 5:00 Computer exercises Experimental evaluation of a microfinance program in Ghana (handout)

#### **Wednesday Designing Randomized Experiments**

\*Key reference: Duflo, et al., 2006, “Using Randomization in Development Economics Research: A Toolkit”

9:00 – 10:30 Participant presentation and group discussion Miguel/Kremer “Worms”;  
Duflo et al. “Peer Effects...”

11:00 – 12:30 Econometric theory Power calculations, stratified sampling, cross-cutting interventions (slides part 1, part 2)

2:00 – 5:00 Computer exercises Designing a randomized evaluation from a household survey (handout)