

Day 1

- 1) Why evaluate? What is evaluation?
 - a) What do we hope to learn?
 - b) Different levels of evaluation
 - c) Understanding the program
 - d) Impact evaluation
 - e) Defining impact
- 2) Outcomes, indicators and measuring impact
 - a) Intended goals
 - b) Unintended consequences
 - c) Possible outcomes
 - d) Key hypotheses and chain of causality
 - e) Measurement
 - f) Measuring Impact

Day 2

- 3) Impact evaluation – why randomize
 - a) Defining impact
 - b) Measuring impact
 - c) Methods for measuring impact
 - d) Bias
- 4) How to randomize
 - a) Unit and method of randomization
 - b) Real-world constraints
 - c) Revisiting unit and method
 - d) Variations on simple treatment-control

Day 3

- 5) Sampling and sample size
 - a) Intro to the scientific method
 - b) Estimation
 - c) Hypothesis testing
 - d) Statistical significance
 - e) Effect size
 - f) Power
 - g) Factors that influence power
- 6) Implementation, analysis and inference
 - a) Attrition
 - b) Subgroup analysis
 - c) Spillovers, crossovers
 - d) ITT, Treatment on treated
 - e) External validity

Day 4

Group presentations