

Practicum 3: Impact Evaluation Concept

ESM228: Monitoring & Evaluation

Sketch out the design for a feasible impact evaluation for a real program. You should identify a well-defined intervention that has not yet been subject to a randomized impact evaluation. The goal is *not* to design an intervention, but rather to evaluate an intervention by using a randomized impact evaluation, so pick a program where the intervention has been designed and well-documented already.

Create a concept note (3-4 pages) for the impact evaluation that addresses the following design elements:

1. *Treatment*: What is the treatment to be randomly assigned? How does the treatment correspond to a broader class of interventions?
2. *Sample*: How will you draw your sample and how does it correspond to the population of interest?
3. *Randomization*: How will you assign treatment?
4. *Outcome Measurement*: What is the *primary* outcome for your impact evaluation? How will you measure it?
5. *Power*: does a power analysis (in code) indicate that you will have sufficient power to detect a reasonable treatment effect? Consider all elements of power:
 - a. Sample size
 - b. Treatment effect
 - c. Variability of outcome
 - d. Test statistic
6. *Contingencies*
 - a. *Attrition*: How will you handle attrition in your analysis?
 - b. *Non-compliance*: How will you handle non-compliance in your analysis?
 - c. *Interference*: How will you handle interference in your analysis?
7. *Mechanisms*: what strategies will your evaluation use to learn about when and why the treatment impacts the primary outcome of interest?

Your concept note is due Monday, June 1 at 5 p.m.