

# WHY LONGITUDINAL DATA ARE IMPORTANT?

- ANALYZE INDIVIDUAL DEVELOPMENT OVERTIME
- IDENTIFY CRITICAL PERIODS INFLUENCING DISPARITIES
- TRACKING CHANGES OVERTIME
- PROVIDE LONG-TERM INSIGHTS ON OUTCOMES
- ESTABLISH TEMPORAL RELATIONSHIP AND CAUSALITY
- GUIDE TARGETED INTERVENTIONS DURING KEY MOMENTS
- PREVENT SCHOOL PROPOUT AND SUPPORT INCLUSION
- MONITOR POLICY IMPACT OVERTIME
- ORIENTING POLICIES
- UNDERSTAND GROUP AND WITHIN-GROUP INEQUALITIES

# STRENGTHS

- ## WHAT ARE THE KEY STRENGTHS OF SETTING UP/HAVING LONGITUDINAL DATA?
- IDENTIFIES EARLY RISK FACTORS
  - SUPPORT CROSS COUNTRIES OR REGIONAL COMPARISON
  - TRACKS INDIVIDUAL DEVELOPMENT TRAJECTORIES
  - MEASURES GENERATIONAL CHANGES AND DIFFERENCES
  - REVEALS LONG TERM TRENDS OTHERWISE HIDDEN
  - EXAMINES INTERACTIONS OF VARIABLES OVERTIME
  - LINKS EARLY CONDITIONS TO FUTURE OUTCOMES
  - PROVIDE DETAILED EVIDENCE FOR POLICYMAKING

# WEAKNESSES

- ## WHAT WEAKNESSES YOU MIGHT FACE WHEN SETTING UP/HAVING LONGITUDINAL DATA?
- COMPLEXITY IN DATA MANAGEMENT
  - HIGH COST AND TIME COMMITMENT
  - RISK OF PARTICIPANT PROPOUT
  - DELAY IN GENERATING ACTIONABLE RESULTS
  - BIG PRESSURE OF POLITICIANS
  - INITIAL VARIABLES MAY BECOME OUTDATED



# OPPORTUNITIES

- ## WHAT OPPORTUNITIES DO YOU SEE IN SETTING UP/HAVING LONGITUDINAL DATA?
- DESIGN EVIDENCE BASED POLICIES TO REDUCE INEQUALITIES
  - INNOVATE IN RESEARCH METHODS AND DATA INTEGRATION
  - CREATE ROBUST DATASETS FOR FUTURE RESEARCH
  - DATA COMPARISON
  - IMPROVE DECISION-MAKING WITH LONG TERM DATA
  - BUILD NETWORK OF SCHOOLS USING LONGITUDINAL DATA

# THREATS

- ## WHAT THREATS ONE MIGHT CONSIDER IN TAKING THE DECISION OF SETTING UP A LONGITUDINAL SURVEY?
- COORDINATION AMONG INSTITUTIONS MAY BECOME DIFFICULT
  - PETERMINISTIC APPROACH
  - IF WE DON'T USE A DEEP ORIENTED RESEARCH AND INTERPRETATION
  - MANY POTENTIAL THREATS IN COMMUNICATION
  - CHANGES IN POLICY OR LAWS MIGHT OBSTRUCT DATA COLLECTIONS