

- How should we measure a household's resilience?
- Interest in resilience measurement continues to grow
- A multitude of approaches and methods available







- So far, efforts to measure resilience largely focus on the use of 'objective' frameworks and methods of indicator selection
- Typically depend on a range of observable socioeconomic variables
- Objective methods have their uses, but suffer from well-documented biases



- Key challenges for resilience measurement:
- Choice of indicators
- Context-specific nature of resilience
- Difficulties of capturing less tangible processes (social cohesion, empowerment/marginalisation, risk perception, etc.)
- Alternative approaches are needed to complement objective approaches





- Based on premise that people have an understanding of the factors that contribute to their own resilience
- Defined as: an individual's cognitive and affective self-evaluation of their household's capabilities and capacities in responding to risk
- Challenges the notion that experts are best placed to evaluate other people's livelihoods.





- Relies on people to self-assess and consider what characteristics are most important to the resilience of their household
- Opportunity to capture the perspectives of those who may know most about their own resilience: the people themselves
- More of a bottom-up process than traditional forms of 'objective' resilience measurement



- Resilience is heavily shaped by sociocultural and psychological factors
- Given that the point of view rests with the individual directly, subjective forms of measurement allow for many of these 'softer' aspects of resilience







OECD Guidelines on Measuring Subjective Well-being

- Build on the insights and success of subjective wellbeing
- Factoring contextual elements of resilience
- A complementary tool for evaluating household resilience





- A range of methods, surveying tools and applications can be used to measure subjective household resilience
- Each with their own methodological advantages and challenges



Qualitative examinations using open and semi-structured interviews may allow for in depth understandings of people's resilience (many examples)



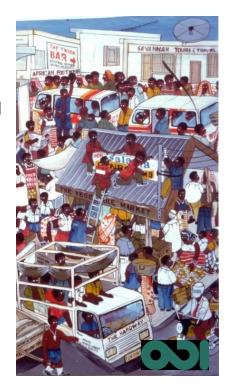


- Closed ended questions may provide the most practical means of evaluating and comparing levels of resilience
- Can insights into a household's resilience be collected from short & rapid questions at scale?
- Other fields suggest yes, but unknown for resilience



Insights from Tanzanian survey:

- Large share of Tanzanians perceived their household to have low resilience-related capacities to respond to extreme flooding
- Male and female respondents provide very similar responses across the board
- Subjective measures, by and large, do not have strong statistical correlations with traditional objective socio-economic characteristics



- Could indicate that traditional objective characteristics have less of an influence on resilience
 - Cast doubt on the suitability of objective characteristics as effective measures of household resilience overall
 - May be explained by biases, survey design, and/or approach
- Part of the difficulty in establishing which of these two positions is applicable is that there is no present means of validating one or the other
- Showcases the utility of ICT-based methods for data collection
- Need for more experimentation, innovation and comparison



