



Impact/outcome evaluation

Has the program made any *real* differences?

Ideal Conditions for Impact Evaluation

3

Randomly assign X

Conditions for impact/outcome evaluation (Bamberger, et al, 2004)

- Comparable pretest-posttest design
- Control group
- Instrument development and testing
- Thorough documentation

Less-Than-Ideal conditions (LTIC)

- Post-hoc initiation
- Hard-to-reach populations
- No planned variation in treatment conditions (i.e., random assignment)
- Others

How to conduct meaningful evaluations under LTIC?

Case study: Kahikū program evaluation

- Individual Development Account (IDA) program
- Program basics
- · Kahikū objectives
 - 1. Save earned income
 - 2. Acquire lasting assets:

(a) first home; (b) capitalization small business; (c) post-secondary education/training

6

















| Survey implementation | | |
|-----------------------|---|----------------------|
| Mode | Components | Dates: 2008 |
| Mail | | |
| Pre-letter | Introduction, description, internet log-in instructions | February 9 |
| Letter | Description, internet log-in instructions, \$1 incentive, questionnaire | February 15 |
| Postcard | Final written request to participate | February 23 |
| Internet | World wide web URL address and log-in password | February 9 & 15 |
| Telephone | Introduction, description, and interview conducted by research firm | March 11 – May 19 |

Data collection issues with hardto-reach population

- 1. Response rate:
- 326/758 = 43%; AAPOR (2007)
- No significant differences between responders and non-responders on gender, age, marital status, employment, hh size, human capital, income
- 2. Differences in response mode?

16





LTIC #3: No systematic treatment variation

Criteria for causal inference (Cohen et al, 2003)

- 1. X and Y are correlated
- 2. There is a plausible mechanism to explain why X causes Y

19

- 3. X precedes Y in time
- 4. All other possible causal influences (Z) are eliminated*
- Comparison is necessary to begin to understand <u>real</u> difference





| | Non-grad (Comparison) | Grad |
|----------------|--------------------------|----------------|
| | | (Intervention) |
| Female | 116(75) | 61(64) |
| Age | 34 | 34 |
| Marital status | 72(46) | 51(53) |
| Employment | 76(49) | 50(52) |
| HH Size | 3.97 | 3.63 |
| College degree | 30(19) | 21(22) |
| Urban | 54(35) | 26(27) |
| HH Income | 1944 | 1962 |











