A Workshop in Survey Design

Joanna Woronkowicz Assistant Professor School of Public and Environmental Affairs Indiana University – Bloomington jworonko@indiana.edu

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PACKGROUNDPh.D. in Public Policy from the University of Chicago M.A. in Arts Management/Public Affairs from American University B.F.A. in Musical Theater from the University of Windsor (Canada) Taught Survey Methodology and Survey Questionnaire Design at the University of Chicago Advisor Norman Bradburn – helped create the field of Survey Methodology Worked at NORC/Urban Institute Worked at the National Endowment for the Arts, Department of Cultural Affairs, Arts and Business Council (Chicago)

SUMMARY OF WORKSHOP

By the end of this workshop you should be able to ...

- Start becoming familiar with the survey "lingo"
- Describe the process of conducting a survey
- Understand the difference between a "sample" and a "population"
- Identify sources of bias in making estimates from a sample
- Identify methods of sampling
- Know the different forms surveys can take
- Identify research objectives
- Know the fundamentals of questionnaire design
- Practice cognitive pretesting



SAMPLING

Definitions

- (Target) Population: the set of people to be studied (or for whom studying is feasible)
- Sample: a subset of the population for which measurements are sought
- Sampling frame: a listing of all units in the target population
- Some examples of populations and samples: Decennial Census (U.S. adult population); Cultural facility project (Arts Organizations in the U.S. that had a cultural facility project between 1994-2008 vs.56 arts organizations in the U.S. that had a cultural facility project between 1994-2008); Audience surveys (all audiences at an arts organization vs. a subset of audience members)







DEFINING RESEARCH OBJECTIVES Research objective(s) should guide and center your survey research They should be clear and focused Example (be specific!): Why do people attend the arts? Why do 18-24 year olds attend the arts? Why do 18-24 year olds attend theater performances? Why do 18-24 year olds living in Chicagoland attend my theater? The more specific, the more useful your survey data will be and the easier it will be to design the questionnaire



EXAMPLE

Take 3-5 minutes to identify the following for a survey you'd like to conduct for your organization

- Purpose:
- Research Question:
- Population:
- Target population:
- Sampling frame:
- Sample:
- Sampling method:
- Survey type:



QUESTIONNAIRE DESIGN

Problems in answering survey questions

- Failure to encode the information sought
- Misinterpretation of the questions
- Forgetting and other memory problems
- Flawed judgment or estimation strategies
- · Problems in formatting an answer
- More or less deliberate misreporting
- Failure to follow instructions



QUESTIONNAIRE DESIGN

Guidelines for writing good questions

- With closed questions, include all reasonable possibilities as explicit response options
- Make the questions as specific as possible
- Use words that virtually all respondents will understand



QUESTIONNAIRE PRETESTING

- Expert review (for content and design)
- Focus group discussions
- Cognitive testing
- Field pretests

QUESTIONNAIRE PRETESTING

Cognitive testing

- Concurrent think-alouds
- Retrospective think-alouds
- Confidence ratings
- Paraphrasing
- Definitions
- Probes





