

Dissertation Workshop: Exercise 4 Solutions
Johns Hopkins Bloomberg School of Public Health OpenCourseWare

I. Methods of Data Collection (Correct answers are shown in **BOLD**)

Method	Design	Depth	Flexibility	Quantification	Time To Do
Interview	A. Easy B. Difficult C. Varies	A. Less B. More C. Varies	A. Much B. Average C. Less D. Varies	A. Easy B. Difficult C. Varies	A. Much B. Average C. Less D. Varies
Group Interview	A. Easy B. Difficult C. Varies	A. Less B. More C. Varies	A. Much B. Average C. Less D. Varies	A. Easy B. Difficult C. Varies	A. Much B. Average C. Less D. Varies
Questionnaire	A. Easy B. Difficult C. Varies	A. Less B. More C. Varies	A. Much B. Average C. Less D. Varies	A. Easy B. Difficult C. Varies	A. Much B. Average C. Less D. Varies
Observation	A. Easy B. Difficult C. Varies	A. Less B. More C. Varies	A. Much B. Average C. Less D. Varies	A. Easy B. Difficult C. Varies	A. Much B. Average C. Less D. Varies
Records & Documents	A. Easy B. Difficult C. Varies	A. Less B. More C. Varies	A. Much B. Average C. Less D. Varies	A. Easy B. Difficult C. Varies	A. Much B. Average C. Less D. Varies
Projective (drawings, skits, collages, fantasy)	A. Easy B. Difficult C. Varies	A. Less B. More C. Varies	A. Much B. Average C. Less D. Varies	A. Easy B. Difficult C. Varies	A. Much B. Average C. Less D. Varies

II. During the PRETEST there are several components of the data gathering methodology which should be examined. For each of the four, identify the ways to evaluate each component.

1. Sampling procedure
 - A. Clarity of instructions to interviewers on which houses to visit - **True**
 - B. Time required to identify individuals to be interviewed - **True**
 - C. The number of samples to take – **False: this is done when calculating sample size.**

2. Reaction of the respondents to the Research Procedures
 - A. Availability of respondents - **True**
 - B. Acceptability of data gathering methods - **True**
 - C. Willingness to answer questions - **True**
 - D. Health of the respondent – **False: this is what you might assess from your study data.**

3. Data Collection Tools
 - A. Are the survey instrument reliable - **True**
 - B. Is the sequence of questions logical - **True**
 - C. Are questions clear - **True**
 - D. Do respondents need to be prompted to answer - **True**
 - E. Do questions need to be added - **True**

- F. Is the translation accurate - **True**
4. Staffing and Field Work
- A. Have the interviewers been trained adequately - **True**
 - B. Are the interviews proceeding on schedule - **True**
 - C. Do staff have the supplies and transportation they need to get the job done - **True**
 - D. Are the staff being non-judgmental and objective when interviewing respondents - **True**
 - E. Is supervision and quality control adequate - **True**
 - F. Do the data confirm the hypothesis – **False: this question is addressed during analysis.**

III. References

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