

Questionnaire Basics

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Outlines

- 1. Introduction**
- 2. Development**
- 3. Validity**
- 4. Other issues**

Introduction

Introduction

- **Questionnaire?**
- **Definition:**

“a structured document that is used to collect information from respondents about themselves or others” (McDonald et. al., 2003)

Introduction

- **Basically a measurement tool.**
- **Questionnaire based research – just like any research using measurement (blood pressure, lab investigations, imaging etc). One of tool to measure outcome.**
- **Questionnaire is everywhere! GCS, BDI, Personality.**
- **Must choose a suitable (measure your outcome) & good (valid & reliable) questionnaire.**

Introduction

- **Options:**
 - Existing questionnaire in target language → use.
 - Existing questionnaire in foreign language → translate.
 - Non-existent → develop.

Introduction

- **Why use questionnaire?**
 - Information required?
 - Time?
 - Cost?
 - Simple to conduct?
 - Standardization in obtaining information?

Development

Development

- **Why we want to measure?**
- **What we want to measure?**
- **Who we want to measure?**
- **How we want to measure?**

Development

- **Why, What & Who we want to measure?**
 - Study objectives.
 - To determine knowledge on leptospirosis.
 - To determine attitude towards fogging.
 - The outcomes.
 - Knowledge on leptospirosis
 - Attitude on fogging practice by KKM.
 - The target respondents.
 - Among villagers, residents.
- **Develop suitable content.**

Development

- **How we want to measure?**
 - Questionnaire?

Validity

Validity

- **Accuracy, extend to which questionnaire measure what it is supposed to measure (Fletcher, Fletcher and Wagner, 1996)**
- **Validity is “the degree to which all the accumulated evidence supports the intended interpretation of test scores for the proposed purpose” (AERA, APA & NCME, 1999).**

Other issues

Existing questionnaire

- **In target language e.g. Malay?**
- **If not in Malay, i.e. English, translation?**
- **Same target population? Doctors vs Patients?**
- **Type? Mode and method of administration?**
- **Measure outcome of interest?**
- **Validity evidence?**

References

American Educational Research Association, American Psychological Association, & National Council on Measurement in Education (1999). Standards for educational and psychological testing. Washington DC: American Educational Research Association.

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