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

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