

Pilot study / QUAN+QUAL

Procedures:

- Questionnaires; Semi-structured interviews; Observations; Document analysis

Data collection

QUAN

Procedures

- Questionnaires
- Forms

Products

- Numeric data

qual

Procedures

- Open-ended questions
- Semi-structured interviews
- Extraction data from written sources

Products

- Data from open-ended questions
- Transcripts
- Memos issued from written sources
- Researchers' memos

Data analysis

QUAN

Procedures

- Statistical procedures: descriptive, univariate, multilevel^a, multivariate^b
- Score construction

Products

- Inferential statistics
- Multilevel models
- Multivariate classification

qual

Procedures

- Coding
- Content analysis
- Grounded theory

Products

- Codes
- Themes/ Categories
- Organizational structures
- Case studies

Quantizing data

Qualitizing data

Interpretation based on QUAN(qual) results

Procedures

- QUAN interpretation
- qual interpretation
- Validate Quantitized results by qual results
- Clarify QUAN results by qual results
- Contrast/compare QUAN and qual results

Products

- Generalization
- Prediction
- Interpretation of theory