Quantitative element

Qualitative element

Planning

Phase 1

Phase 2

Phase 3

Phase 4

Phase 5

Development of central question / research questions, Define and describe the population to be studied

 \downarrow

Operationalization

Derive research questions into quantitative items,
Create / layout questionnaire

Link between datasets (subgroups)

Operationalization

and

Derive research questions into qualitative questions,
Create / prepare interview guide

Link between datasets (subgroups)

Random sampling (Phase 3a)

Nested sampling (Phase 3b)

Generate dataset

Identify quantitative sample, Collect and clean quantitative data, Invitation to take part in qualitative data collection

 \downarrow

Identify qualitative sample

Define subgroups and quota, Create sampling plan, Select specific cases

Generate dataset

Collect and clean qualitative data (recording, transcription and anonymization)

Merge

Quantitative: Add variable about participation in qualitative part to quantitative

dataset,

Qualitative: Extract all quantitative questions for interviewed persons and add to

qualitative dataset

Analysis

Quantitative: Analyze data using descriptive statistics and inferential statistics in order to generate and test assumptions based on frequencies and correlations,

Qualitative: Analyze data using procedures of content analysis and coding in order to generate and deepen descriptions and interpretations,

Overlapping/abduction: Identify differences and similarities between the two datasets, create joint display

Phase 6 Reporting / publishing / presentation

1