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Measuring Poverty in
Pandemic Times
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Tailored data collection

Introducing mixed mode designs

Everyone should be represented in poverty measurement

BUT: contact & response behaviour may differ

(e.g. age, health, employment, education, region AND poverty status)

=> Tailored data collection

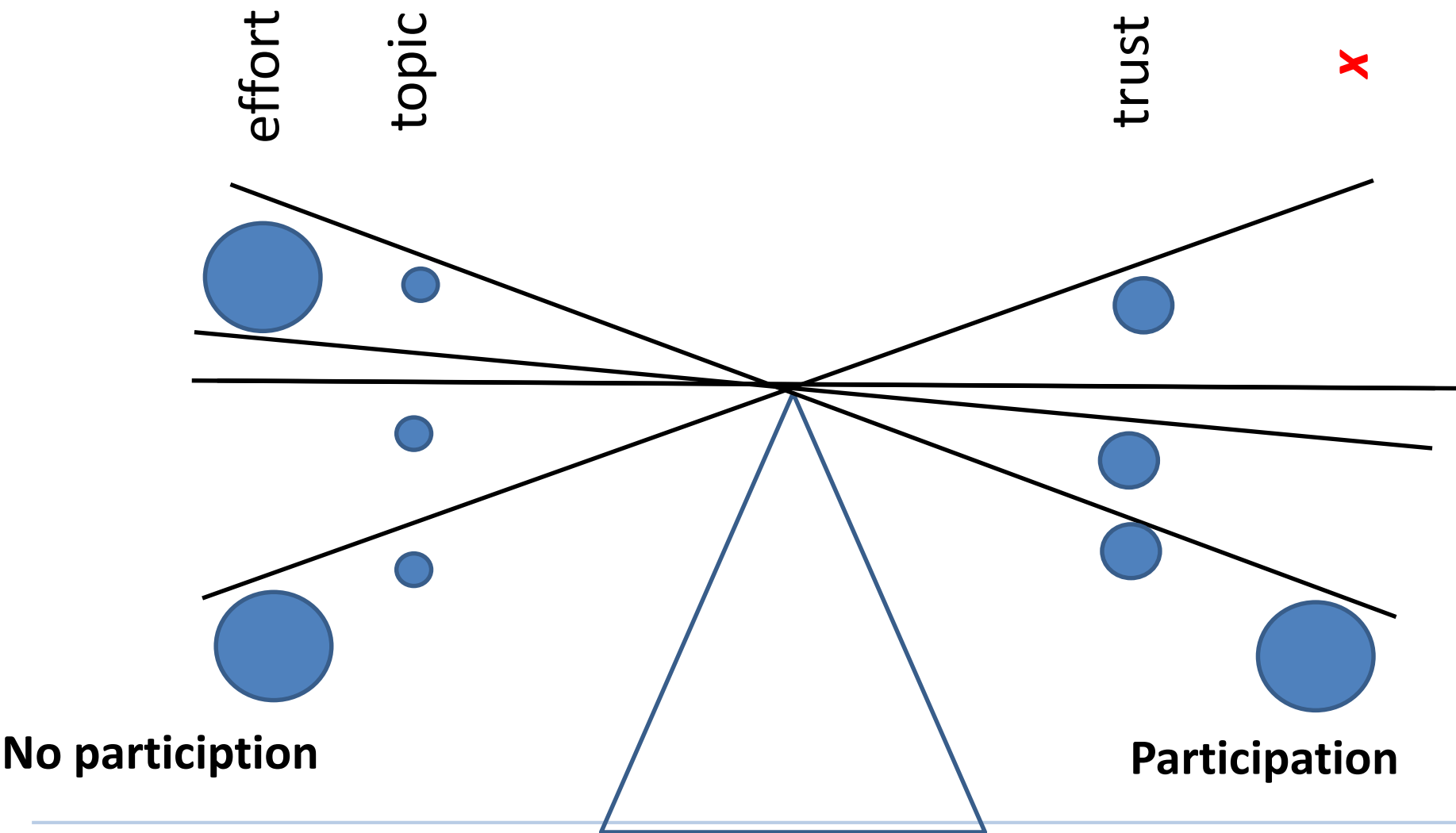
(see Recommendation Poverty Measurement Guide to data disaggregation)

Registers (e.g. sampling frame, tax income etc...)

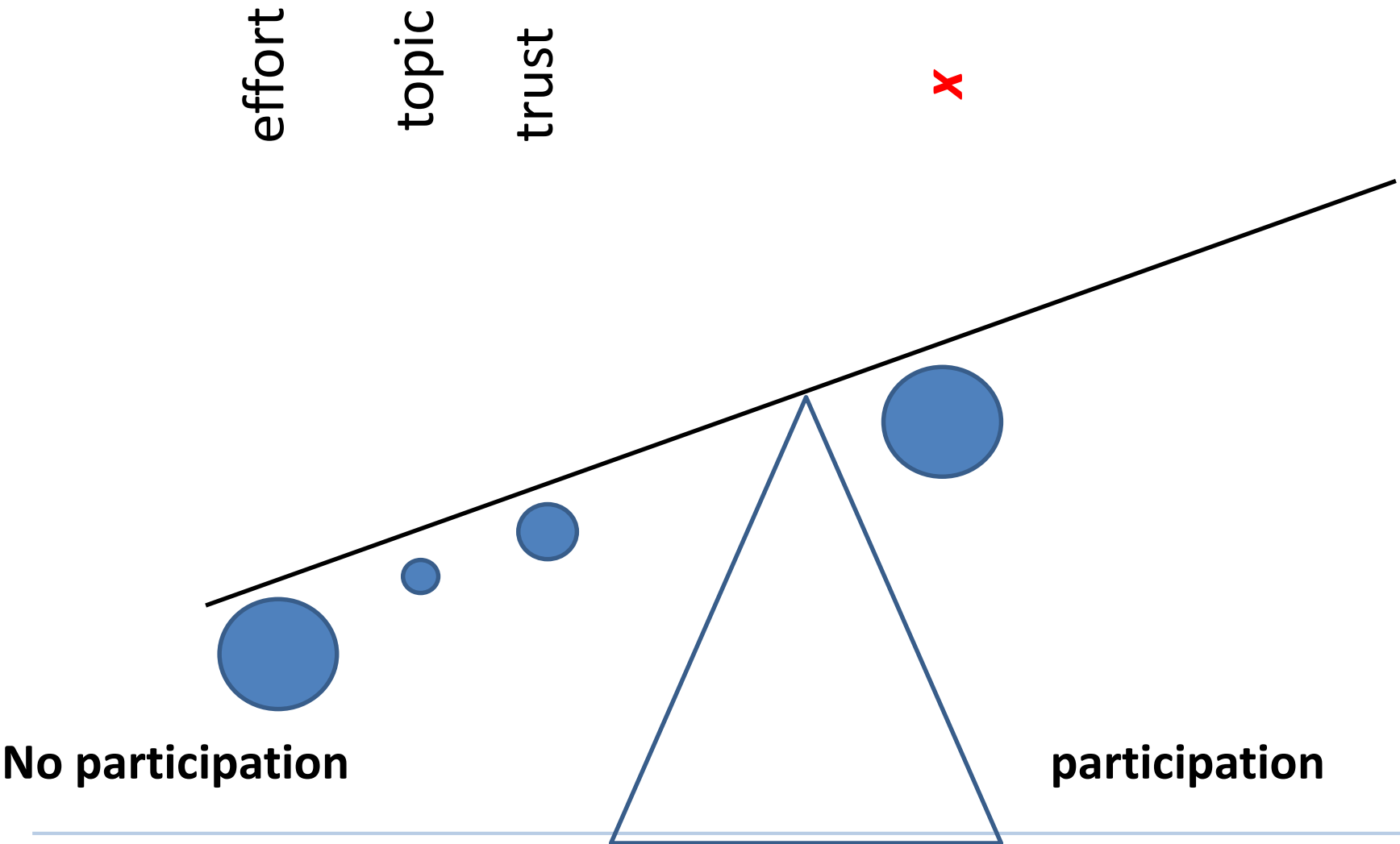
Additional data collected by questionnaires

(e.g. on deprivation)

Modell of survey participation



Different person

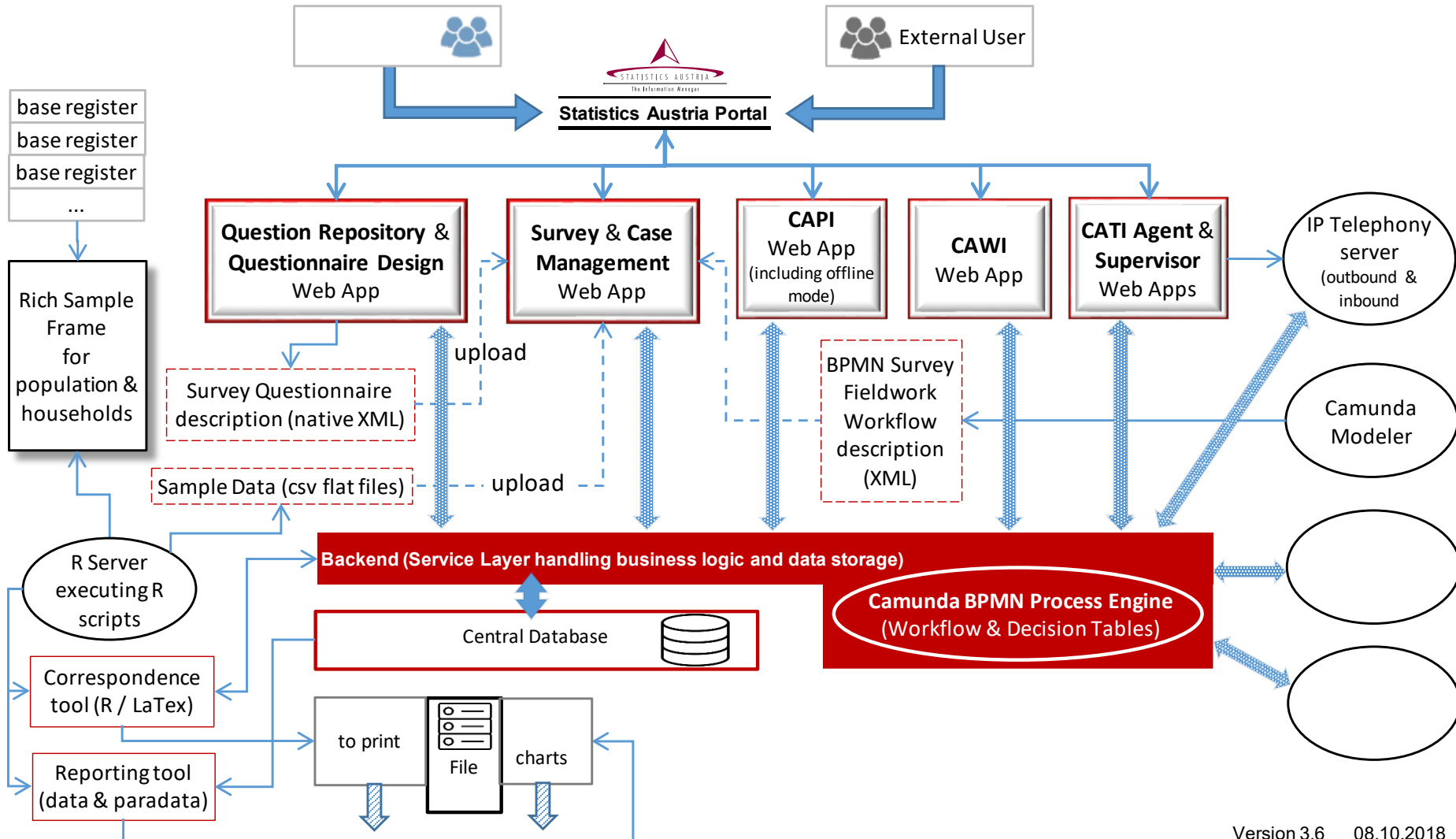


Questions administered in multiple modes:

- classical face to face interviews (PAPI or CAPI)
 - telephone interviews (CATI)
 - self administered questionnaires
 - paper questionnaires
 - web questionnaires (CAWI)
 - questionnaires for mobile devices (tablet, phone)
- With interviewer
- Without interviewer

Complex IT & mixed mode designs

Basic architecture of STATsurv - a service tool for running surveys at Statistics Austria



Version 3.6 08.10.2018

In practice, many unknowns remain

Required resources are specific for each mode

- preparation time,
- training of interviewers
- instructions for respondents (e.g. password management)
- programming of web questionnaires
- design and integration of apps (e.g. to collect consumption data)
- database management and reporting
- etc...

Each mode works differently for each group

- Accessibility
- Motivation
- Trust
- Measurement error

Consult survey literature first !

(but do not expect to find a one fits all solution)

Anticipate numbers in each mode from pilot surveys

Quantify different quality parameters

(e.g. cost, response rate, R-indicator)

Explore possible variations in designs

(e.g. invitation letters, incentives, fieldwork period, translated questionnaires)

Use experiments to find best strategy empirically

(e.g. cheapest, fastest and most inclusive)

Test survey questions empirically

Minimise errors in measurement by Mobile 1st

(a question which is clear & simple for a mobile phone display should give the same result when assisted by an interviewer)

Assess and mitigate mode effects in estimation

(e.g. adjusting weights)

2007: introduce mixed mode in EU-SILC (CATI)

2013: decision to develop STATsurv IT system

- => target: manage survey process in different modes (incl. web)
- => hire staff for modernisation project
- => web survey experiments (academic collaboration)
- => modularise recurrent questionnaire elements across different surveys
- => assess & revise survey questions; communication strategies & monitoring for web
- => collaborative EU-research activities on mixed mode data collection & piloting LFS
- => Coordinate activities in task force for survey research and methodology
- => Q2/2021 LFS goes Mobile 1st
- ⇒ 2022 EU-SILC CAWI pilot

2023: EU-SILC should be Mobile 1st first ready

...where does your journey go?