

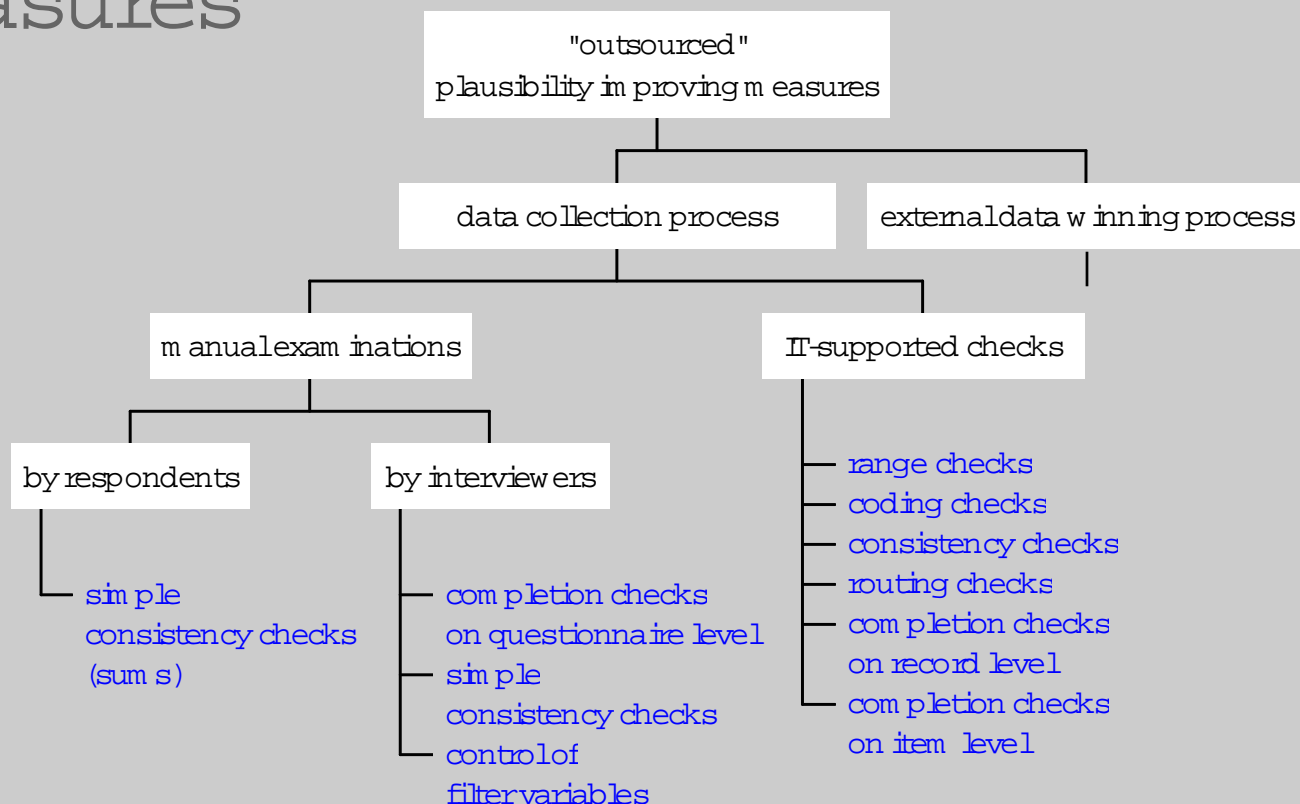
# „Outsourcing“ of plausibility improving measures

- Introduction
- Overview of plausibility improving measures
- Integration of checks in e-questionnaires
- Further questions and research

## Introduction

- The data collection can be regarded as a weak type of the exact technical measurement
- The quality of the data collection process determines heavily accuracy, timeliness, and the efficiency of the production of statistics
- Respondents make the best corrections - if they cooperate
- Shifting of checks in the data collection process is one focal point of the new data editing concept of Statistics Germany
- „Data collection“ without statistical control: the public establishments of Germany deliver today up to 80 percent of needed information as data
- Destatis has to provide e-questionnaires for 24 centralised surveys until 2005, and Statistics Germany plans to provide e-questionnaires for 25 decentralised surveys until 2005

# Outsourced plausibility in proving measures



## Integration of checks in e\_questionnaires

- The following aspects are obtained from internal manuals of Statistics Germany and supplemented by personal experience due to interviewer activities
- technical equipment of respondents / interviewers
- possibilities of navigation in an electronic questionnaire
- avoidance of confrontation with information given in a previous round of a survey
- complexity of subject matter knowledge for the correction of an error
- output oriented integration of checks
- avoidance of follow-up errors
- facilitation of corrections and imputations

## Further questions and research

- Description and shaping the new area
  - Division of the contents (surveys versus the use of „foreign data“)
  - Clarification of terms (e.g. generic terms for checks of a questionnaire or for plausibility in proving measures)
- Best/ typical practices for the outsourcing of plausibility in proving measures (motivation of respondents and data suppliers)
- Plausibility in proving measures and production of statistical data
  - integration of checks in questionnaires (e.g. avoidance of more complicated errors or provision of real time statistical results)
  - Integration of „auxiliary“ characteristics in questionnaires - examples