

# DSS Statistics Seminar

May 21, 2020, 2:00 p.m.

<https://meet.google.com/vfp-xpxr-ead>

Estimation of the  
interviewer effect using  
multilevel models

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Aim of the discussion is to illustrate the methodology used to investigate the presence of an interviewer effect in the Safety of women survey. The analysis, through the application of multilevel models, focuses on the issues of the potential influence by the interviewers on the answers that were collected and the role played by the interviewing modes (CATI and CAPI).



**SAPIENZA**  
UNIVERSITÀ DI ROMA

## Seminar Series

# New challenges in Official Statistics

In recent decades, National Statistical Institutes moved toward producing official statistics by exploiting multiple sources of information. The relevance of multi-source statistics in such a context is becoming increasingly evident and it led to important research projects in the field. With this seminar series, we aim to give an up-to-date picture of current developments. The highlight will be on observed progress in the direction of using formal statistical models, and potential future areas of research.

The list of topics covered in the series is:

1. Data Integration and issues related to integrating information from different sources
2. Methods for population estimation with multisource data
3. Mixed mode data collection
4. Small area estimation
5. Seasonal adjustments

This is the first attempt to join forces from ISTAT and the department of Statistics to give access to the directions of current development and the definition of new areas of interest in official statistics.

The Organizers

Marco Di Zio, Danila Filipponi (ISTAT)

Marco Alfò, Giovanna Jona Lasinio, Roberto Rocci (Sapienza)

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