Uncertainty-based analysis for non-probability samples

Pier Luigi Conti¹, Daniela Marella¹

Abstract

This paper presents the SICIS project (Integrated Census and Social Surveys System), starting from the implementation of the first design, the analysis of the criticism occurred in these years and the new perspectives for the medium-term developments. The main results of two significant experimental studies are described. The first focused on comparative evaluations of integrated designs following a two-phases approach. The second focused on the introduction of a spatially balanced sampling design. In addition to the extensions already planned within the scope of these two experimental studies, the next developments of the new SICIS project will focus on studies addressing some of the issues identified during the data collection phase, proposing interventions involving both technical and methodological approaches.

Keywords: Multi-source, Integration, Household surveys, Population census, Registers.

Pier Luigi Conti, Dipartimento di Scienze Statistiche: pierluigi.conti@uniroma1.it

Daniela Marella, Dipartimento di Scienze Sociali ed Economiche: daniela.marella@uniroma1.it

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¹ Sapienza University of Rome, Italy