

Balancing the Swedish CPI

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Ottawa Group Meeting in Rome, Italy 7-10 June 2022

Abstract

Traditional field data collection in the Swedish CPI (HICP) has successively been replaced by alternative data sources while adhering to the fixed base methodology and sampling procedures, at large. The transition should conceptually arrive at less uncertainty by reducing price collector variations while increasing sample sizes. Herein, we address variance due to sampling in the Swedish CPI (HICP) through a bootstrap approach applied to some specific parts of the basket. The expected outcome from the paper is to balance focus between areas in the CPI with respect to obtained variances. The results will be connected to the corresponding estimates provided in the annual Quality Declaration of Official Statistics at Statistics Sweden.

Key words: inflation variance estimation, Swedish CPI, bootstrap, two-dimensional sampling, new data sources