

VID Colloquium

Vienna Institute of Demography
Welthandelsplatz 2 / Level 2
Nathan Keyfitz Library
1020 Vienna

Tobias Göllner

Directorate Social Statistics, Statistics Austria

Wednesday, 17. October 2018
15:00-16:00

"Estimating Differential Mortality using EU-SILC UDB longitudinal data – the FACTAGE methodology"

Socio-economic differences in mortality have become increasingly important in an era of pension reforms. Some European countries cannot provide any figures on the subject, and available figures are not easily comparable between countries because of different data sources, time periods and stratification variables. As part of the FACTAGE project, we developed a new and relatively easy approach to obtain comparative European figures based on harmonized survey sample data.

Longitudinal information on persons and households of the European Survey on Income and Living Conditions (EU-SILC) is extracted from Eurostat's User Database (UDB) which is available to researchers carrying out statistical analyses for scientific purposes.

The methodology was firstly implemented for SAS, but was subsequently translated into R, to broaden the potential audience. Besides discussing the topics of differential mortality and its different estimation sources, the talk will cover a brief summary of how the code works.

About the presenter

Tobias Göllner is a researcher in the Analysis and Projections unit of the Directorate of Social Statistics at Statistics Austria. He holds an MSc in Evolutionary Anthropology from the University of Vienna, and is currently pursuing his PhD in the same field. His research interests range from human evolutionary genetics over demography to gerontology.