



UNIVERSITÀ DEGLI STUDI DI BERGAMO

Dipartimento di Scienze aziendali, economiche e metodi quantitativi
Department of Management, Economics and Quantitative Methods

SEMINARIO

nell'ambito del progetto
"ITALY® - Italian Talented Young Researcher"
Azione 2 : Grants for Visiting Professor and Scholar (2015)

Martedì 9 Febbraio 2016

Ore 11,00

Bergamo, Via dei Caniana 2 – Aula 15



"Measurement errors in surveys"

Dott. Melanie Revilla

*(Research and Expertise Centre for Survey Methodology – RECSM
Universitat Pompeu Fabra, Barcelona, Spain)*

Abstract:

There is no measurement without errors. However, the size of the errors vary depending on the exact instrument used and the concept one wants to measure.

In this seminar, first, we will define reliability, validity and quality of survey questions. Then, two approaches allowing to estimate these reliability, validity and quality coefficients will be discussed. The first one is the estimation of the reliability, validity and quality of questions using multitrait-multimethod (MTMM) experiments.



The second is the prediction of the reliability, validity and quality of questions using the program SQP 2, which has been developed on the basis of the evaluation of more than 3,700 questions using MTMM experiments. It will be shown how to use the SQP program to predict a quality estimate, and how the obtained information can be used in order to improve questionnaires and/or in order to correct for measurement errors.

Main references:

- Saris, W.E., and Gallhofer, I.N. (2014). *Design, Evaluation and Analysis of Questionnaires for Survey Research*. New York: Wiley. Second Edition.
- Saris, W., Oberski, D., Revilla, M., Zavala, D., Lilleoja, L., Gallhofer, I., Gruner, T. (2011). *The development of the program SQP 2.0 for the prediction of the quality of survey questions*. Final report about the project JRA3 as part of ESS Infrastructure. RECSM Working Paper 24, Barcelona. Available at:
http://www.upf.edu/survey/_pdf/RECSM_wp024.pdf.
- Saris, W.E., and Revilla, M. (2015). *Correction for measurement errors in survey research: necessary and possible*. Social Indicators Research. First published online: 17 June 2015. DOI: 10.1007/s11205-015-1002-x. Available at:
<http://link.springer.com/article/10.1007/s11205-015-1002-x>.

More about the speaker: <https://www.upf.edu/survey/members/melanie.html>.

Il seminario, in lingua inglese, è aperto a tutti gli interessati

Durata approssimativa: 90 minuti
(incluso tempo per eventuali domande)

Per ulteriori informazioni contattare:
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