



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)

Mercoledì 3 Febbraio 2016

Ore 11,00

Bergamo, Via dei Caniana 2 – Aula 15



"A simple introduction of Structural Equation Modeling (SEM)"

Dott. Melanie Revilla

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

Abstract:

The main goal of research is to explain phenomena. However, the observed data only provides us with correlations between variables, while researchers' interest most often is to identify causal relationships, in order to be able to implement policies or actions and have an influence on the elements.



In order to estimate properly causal effects when we work with non-experimental data (e.g. survey data), it is necessary to control for all possible spurious effects.

Structural Equation Modelling is a very useful tool in this context, also because it allows differentiating between latent and observed variables.

In this seminar, we will introduce the main notations, vocabulary and ideas of SEM, and we will show how this can be helpful in the frame of assessing causal effects and/or in the frame of corrections for measurement errors.

Main reference:

Saris, W.E. and Stronkhorst, H. (1984). *Causal modeling in nonexperimental research: An introduction to the LISREL approach*. Amsterdam: Sociometric Research Foundation.

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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