

## Report on SCB Course

Title of the course

**Applications of Multi-level Models to Research Policy and Higher Education Studies**

Venue

**Università della Svizzera Italiana, Lugano**

Date

**January 8-9, 2015**

Organizers

**Dr. Benedetto Lepori and Dr. Anne-Marie Jeannet**

Objectives

**This multilevel short course is aimed at providing an introduction to multi-level modeling as a research method for RISIS researchers and give them the tools to apply the method to their work. The course is divided into a statistical teaching of the method as well as a guided application through a practical group exercise. The former part focuses on the rationale for multi-level modeling and how it can be applied to research in the field of higher education. The latter part allows for a hands-on guidance with using the technique with RISIS datasets and allows for participants to apply it to different settings and discuss the interpretation of the results and its limitations. In order to demonstrate the analytical value for the research policy field, the course will include demonstrations and practical exercises done with datasets available in RISIS.**

Main results

**15 social science researchers attended the two day course on Multilevel Modelling. The course delivered the lectures, lab session, and group work according to the attached time table. The participants deemed to be productive and an informative short course. A summary of the evaluations of the participants is provided in the Appendix.**

List of participants: **see ANNEX 1**

Programme: **see ANNEX 2**

Assessment: **see ANNEX 3**

Materials: **available at <http://risis.eu/event/applications-of-multi-level-models-to-research-policy-and-higher-education-studies/>**

# ANNEX 1

## LIST OF PARTICIPANTS

<b>Last Name</b>	<b>First Name</b>	<b>email</b>	<b>Institution</b>
Albertoni	Filippo	filippo.albertoni@polimi.it	Politecnico di Milano
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Hajikhani	Arash	arash.hajikhani@lut.fi	LATTS-IFRIS-Université Paris Est-Marne la Vallée
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Zinilli	Antonio	antonio.zinilli@ircres.cnr.it	

# **ANNEX 2 PROGRAMME**

January 8:

9:30-10: Introduction

10:00-11:30 Introduction to Multilevel Modeling

11:30-12:30 Applications of Multilevel Modeling in Research Policy and Higher Education

14:00-15:00 Multilevel Modeling with STATA

15:00-16:00 Introduction to Group Exercise and Group Planning Session

16:00-18:00: First Session Group Work

19:30 Dinner at Canvetto Luganese

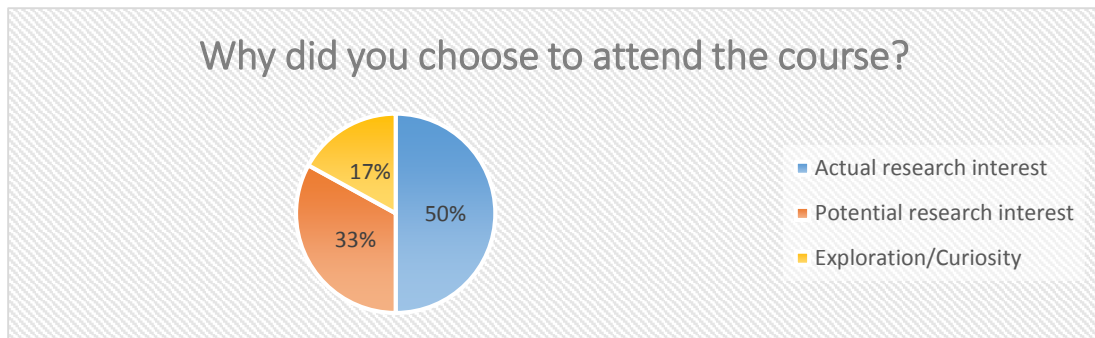
January 9:

9:00-12:00 Second Session Group Work

13:00-15:00 Group Presentations

15:00-16:00 Closing Remarks and Recap

## ANNEX 3 ASSESSMENT



### RATINGS

<i>Were the course objectives clearly defined?</i>	
<i>Were the contents of the course consistent with the course description?</i>	
<i>Has this course stimulated your interest?</i>	
<i>Was the course well organized?</i>	
<i>Was the course well structured?</i>	
<i>Have teaching materials facilitated learning?</i>	
<b>OVERALL SATISFACTION (scale 1-10)</b>	<b>9</b>

### BEST FEATURES

### ASPECTS TO IMPROVE

Solid understanding of topic	Having more time, extending length of course
Practical training and hands on experience	More focus on the theoretical aspects
Good instruction and support	More detailed presentation of examples using MLM