



Research Training Group Social Order and Life Chances in Cross-National Comparison

PROGRAM

Multilevel Course

6th – 7th February 2012

WISO Lab 210, WISO Building

Professor Bart Meuleman

Katholieke Universiteit Leuven

2nd SOCLIFE Winter Workshop

8th – 10th February 2012

Neuer Senatsaal, University Main Building

Albertus Magnus Platz 1

GK·SOCLIFE

Research Training Group – University of Cologne

Guest

Professor Manfred te Grotenhuis

Radboud University Nijmegen



MULTILEVEL COURSE
INSTRUCTOR: BART MEULEMAN

During this two-day course, participants gain understanding in the conceptual logic and the statistical background of multilevel modelling and master the necessary skills to apply these models in their own research. The course starts with the basics of multilevel modelling (namely the two-level model for normally distributed data), as well as more advanced techniques, such as multilevel models for longitudinal data, binary dependent variables and more complex data structures.

Theoretical lectures are supplemented by practical hands-on sessions in the computer lab. During the lab sessions, participants are taught how the software packages SPSS and HLM can be used to estimate the models that are discussed. During guided exercises, participants perform analyses on existing datasets.

MONDAY FEBRUARY 6TH
THE TWO-LEVEL REGRESSION MODEL

9h30-11h: Lecture – Introduction to the two-level regression model

This introductory module starts with a very short conceptual discussion on the specific character of nested data, and explains why conventional statistical tools (such as the classical regression model) are not appropriate to analyse this kind of data. The two-level regression model is introduced as an extension of classical regression. Consecutively, random intercept models, random slope models and models with cross-level interaction models are discussed. The following important topics are dealt with: statistical inference - model estimation - model evaluation - model comparison – assumptions of the multilevel model - categorical independent variables - standardization of parameters.

11h-15-12h30: Lecture - Multilevel models for longitudinal data

The second module illustrates how the two-level regression model can be a very useful tool to analyse longitudinal / repeated measurements data, and introduces the multilevel growth curve model. During this module, we also discuss the importance of disentangling within-level effects from between-level effects, and show how group-mean centering of variables can be used for this purpose.

14h-17h: Lab session

17h-18h: Q&A Session

TUESDAY FEBRUARY 7TH
MORE COMPLEX MULTILEVEL MODELS

9h30-11h: Lecture - Complex data structures: cross-classified models and three-level models

This lecture focuses on situations in which researchers are confronted with more complex data structures. The cross-classified multilevel model is introduced as a useful tool for situations where lower-level units are nested within a double hierarchical structure. The application of cross-classified models in order to disentangle Age, Period and Cohort effects is discussed. Furthermore, the multilevel model is extended to three-level situations.

11h15-12h30: Lecture - Multilevel logistic regression

Often, researchers are confronted with binary dependent variables. Such outcome variables clearly violate the assumption of normality. In this lecture, it is shown how the multilevel logistic regression model can be used in this case, and discusses the specifics in the estimation and interpretation of this model.

14h-17h: Lab session

17h-18h: Q&A Session

Reading material

Cox, J.J. (2010). *Multilevel analysis. Techniques and applications* (2nd edition). New York: Routledge: chapters 1-6; chapter 8.



WEDNESDAY FEBRUARY 8TH
SOCIAL MOBILITY AND SOCIAL RISKS
 CHAIR KATJA MÖHRING

09.30	Jenny Bennett
	The deregulation of temporary employment Discussants Manfred te Grotenhuis, Andreea Constantin
10.30	Coffee Break
11.00	Alexander Schmidt
	Public demand for redistribution – revisited Discussants Manfred te Grotenhuis, Christoph Spörlein
12.00	Leila Inoyatov
	The effect of childcare and pre-school education on equality of educational opportunity in cross-national comparison Discussants Manfred te Grotenhuis, Anja Opperma
12.30	Lunch Break
14.00	Richard Norrie
	Religiosity, modernisation and conventional political participation Discussants Manfred te Grotenhuis, Anabel Kuntz
15.00	Coffee Break
15.30	GUEST LECTURE
	The odd one out: Using Cook's distance and Dfbetas to uncover influential cases in multilevel models Prof. Manfred te Grotenhuis (Radboud University Nijmegen)

THURSDAY FEBRUARY 9TH
LIFE SATISFACTION, TRUST, PARTICIPATION AND FAMILY LIFE
 CHAIRS VANESSA KÖNEKE and CARL BERNING

09.30	Olga Stavrova
	Are virtuous people happy all around the world? Civic virtue, antisocial punishment, and happiness across cultures Discussants Bart Meuleman, Pei Chun Ko
10.30	Cristina Oarga
	Prosociality and subjective well-being in cross-national comparison: The effect of normative climate Discussants Bart Meuleman, Thomas Goebbels
11.00	Coffee Break
11.30	Thomas Goebbels
	Trust, wealth and the influence of climate Discussants Manfred te Grotenhuis, Conrad Ziller
12.30	Lunch Break
14.00	Anja Opperma
	Education and fertility: The impact of family policy on couple's fertility decisions - an international comparison Discussants Bart Meuleman, Leila Inoyatov
15.00	Andreea Constantin
	Attitudes towards gender roles. The influence of family-work reconciliation policies on the differences in the attitudes towards gender roles in the OECD countries Discussants Bart Meuleman, Jenny Bennett



15.30	Coffee Break
16.00	Pei Chun Ko Grandparents caring for grandchildren in China and South Korea Discussants Bart Meuleman, Olga Stavrova
16.30	Vanessa Köneke Killing or letting die? When does the right to life imply also a right to die? Multi-Level determinants of attitudes toward euthanasia Discussants Manfred te Grotenhuis, Katja Möhring
17.00	Coffee Break
17.30	Katja Möhring Employment history and pension income in cross-national comparison: The impact of pension systems and life course regimes Discussants Manfred te Grotenhuis, Vanessa Köneke

FRIDAY FEBRUARY 10TH
VOTING BEHAVIOUR AND ETHNIC DIVERSITY
CHAIRS CHRISTOPH SPÖRLEIN and CRISTINA OARGA

09.30	Conrad Ziller Immigration and social trust in European regions Discussants Manfred te Grotenhuis, Christian Weyand
10.00	André Schaffrin Living green but poor Discussants Manfred te Grotenhuis, Carl Berning
11.00	Coffee Break
11.30	Daniel Schultz Random acts of sophisticated preferences? Discussants Manfred te Grotenhuis, Cristina Oarga
12.30	Christian Weyand Socialization or rational calculation? Why political elites support governmental transparency Discussants Bart Meuleman, Daniel Schultz
13.00	Lunch Break
14.30	Anabel Kuntz Anti-outgroup prejudice in context Discussants Bart Meuleman, Richard Norrie
15.00	Christoph Spörlein Destination choices of recent Pan-American migrants Discussants Bart Meuleman, Alexander Schmidt
15.30	Carl Berning Social capital and radical right-wing populism Discussants Bart Meuleman, André Schaffrin
19.00	WORKSHOP DINNER Followed by drink out

