

Multilevel analysis of social network for continuous and binary responses

Background

Social sciences and health sciences are increasingly considering the different structures individuals are embedded into (ie, classroom, school, hospital, area,..) and in the same accounting for their multiple memberships (having several friends, referring patients to several services). The first concern is often addressed by multilevel design and the second by social network design. Multilevel analysis of social network data is a promising approach aiming to articulate these two concerns.

Aim

The objective of this workshop is to introduce and train researchers or PhD students in the theory and application of multilevel analyses of network for both continuous and binary responses. Our workshop will aim to address the common methodological challenges in health and social research, such as multiple levels of data collection, multiple membership of individuals to the same level, and multiple networks.

Audience

The workshop is opened to senior and junior researchers and Phd students from the UCLouvain and other Belgian universities interested into multilevel social network analysis. This multidisciplinary workshop will be most beneficial to Phd students and researchers with basic knowledge of R, and familiar with multilevel analyses.

Dates

Three days between the 10 and 12/10/2018.

Lecturer

Mark Trammer, Professor of quantitative analysis in Social Sciences at the University of Glasgow (see below).

Venue

UCL Woluwé Campus, Centre Faculté, Avenue Emmanuel Mounier, 51, 1200, Woluwé-Saint-Lambert, level -1, Room « Avicenne ».

Program

DAY 1

- > 9:00-12:00: Theoretical introduction to multilevel analysis of social network data
- > 13:00-16:00: Practical session of multilevel analysis using R.

DAY 2

- > 9:00-12:00: Specificities and issues in multilevel analysis of social network data
- > 13:00-16:00: Practical session and Q&A session

DAY 3

- > 9:00-12:00: Scientific workshop: Mark Trammer's presentation of recent paper using multilevel analysis of social network data
- > 13:00-16:00: Scientific workshop: Open presentation of papers using multilevel analysis of social network data

Practical details

Registration before the 30 of June 2018 the required at valerie.vanbutsele@uclouvain.be

Want to present a paper on DAY 3? Please send your abstract to Adeline Grard adeline.grard@uclouvain.be

Registration fee of 20 euros (coffee and lunch), to be paid at IBAN BE60 0016 3988 9070 to UCL-IRSS/COLLOQUES with the

mention "Workshop Trammer+ your name"

For more information:

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Mark Tranmer is Professor of quantitative analysis in Social Sciences at the University of Glasgow (UK). He has a Phd in Social Statistics and is an expert in multilevel analysis of social network data. He is also a specialist in multiple membership. He has given many lectures in UK and abroad and has written many papers and books on these topics.

