

MPLUS - COURSE

LATENT VARIABLE METHODS IN MEDICAL RESEARCH

RAKENNEYHTÄLÖMALLIT LÄÄKETIETEELLISESSÄ TUTKIMUKSESSA

Time: Dec 14-15, 2017

Place: University of Oulu, Kontinkangas Campus, Lecture Room P107

Organizer: Health and Biosciences Doctoral Programme

Teacher: Professor Asko Tolvanen

Target Group: doctoral students, researchers

Credits: 1 ECTS

[Registration >>](#)

Tentative content, the timetable may alter

The final course programme will be announced soon.

Thursday 14.12.2017

8:15-9:45 Introduction to Mplus, Regression and path modeling, Analyzing interactions

Break

10:00-11:30 Confirmatory factor analysis (CFA)

11:30-12:30 Lunch

12:30-14:00 CFA continues

Break

14:15-15:45 Exercises

Exercises: You can bring your own laptop.

The *Mplus-software* (free demo version) can be downloaded from here:

<https://www.statmodel.com/demo.shtml>

Friday 15.12.2017

8:15-9:45 Longitudinal factor models

Break

10:00-11:30 Latent growth modeling

11:30-12:30 Lunch

12:30-14:00 Latent growth mixture modeling

Break

14:15-15:45 Exercises

Exercises: You can bring your own laptop.

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