

Advanced course on using Mplus (S23)

15.07.2019 – 19.07.2019

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Saturday and Sunday, (13 & 14 July 2019)		
Time	Activity	Description
12.00-18.00	Key pick up	You will find the exact key pick up location in the pre-departure information, which becomes available after you have paid the course fee.

Day	Time	Type	Description	Location
Monday	09:00 -12:45	Lecture: Prof. Dr. Ellen Hamaker	On the formulas behind SEM; calculating the number of parameters and degrees of freedom by hand; how to interpret the TECH1 output; when to worry about the default settings in.	Minnaert 2.01
	12:45 -13.15	Lunch	(included)	
	13:15 -16:30	Computer lab		Ruppert 038
Tuesday	09:00 -12:45	Lecture Dr. Caspar van Lissa	A journey through the world of latent growth models: Mplus specification, model fit, interpretation of LGM parameters, the metric of time, LGM variations, and more.	Minnaert 2.01
	12:45 -13.15	Lunch	(included)	
	13:15 -16:30	Computer lab		Ruppert 038
Wednesday	09:00 -12:45	Lecture Dr. Caspar van Lissa	Longitudinal models with categorical variables, including latent class growth analysis, growth mixture modeling, and latent transition analysis (also known as hidden Markov models)	Minnaert 2.01
	12:45 -13.15	Lunch	(included)	
	13:15 -16:30	Computer lab		Ruppert 038
Thursday	09:00 -12:45	Lecture Prof. Dr. Ellen Hamaker	Advanced longitudinal modeling, including the random-intercept cross-lagged panel model (RI-CLPM), the autoregressive latent trajectory (ALT) model, the latent curve model with structure residuals (LCM-SR), and the latent	Minnaert 2.01
	12:45 -13.15	Lunch	(included)	
	13:15 -16:30	Computer lab		Ruppert 038
Friday	09:00 -12:45	Lecture Prof. Dr. Ellen Hamaker	Dynamic structural equation modeling (DSEM) to model intensive longitudinal data (e.g., experience sampling or daily diary data); single level models (for N=1) and multilevel extensions (N>1).	Minnaert 2.01
	12:45 -13.15	Lunch	(included)	
	13:15 -16:30	Computer lab		Ruppert 038