



Advanced Multilevel analysis (S05)

12-14 July 2021

Course Director: Dr. Mirjam Moerbeek

E-mail: ms.summerschool@uu.nl

Lecturer: Dr. Mirjam Moerbeek

Please note that the schedule is in Central European Summer Time.

Saturday and Sunday 10 & 11 July 2021		
Time	Activity	Description
12.00-18.00	Key pickup	You will find the exact key pickup location in the pre-departure information, which becomes available after you have paid the course fee.

Day	Time	Type	Description	Location
Monday	09:30-12:30	Lecture	Categorical outcome data - Logistic regression - Binary outcome data - Ordinal outcome data - Discrete-time survival data	
	13:30-16:30	Computer lab	Analyses in Mplus and HLM	
Tuesday	09:30-12:30	Lecture	Multilevel factor analysis and multilevel structural equation modelling - Factor analysis with subjects nested within clusters - Multilevel path models - Introduction to Mplus	
	13:30-16:30	Computer lab	Analyses in Mplus	
Wednesday	09:30-12:30	Lecture	Random cross-classifications and statistical power analysis - Random cross classifications in hierarchical data structures - Statistical power analysis and sample size calculation, including software and simulation studies	
	13:30-16:30	Computer lab	Analyses in Mplus and HLM	

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