



**Introduction to Multilevel analysis (S14)**  
**07-9 July 2021**

Course Director:	Dr. Mirjam Moerbeek
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*Please note that the schedule is in Central European Summer Time.*

Day	Time	Type	Description	Location
Wednesday	09:30-12:30	Lecture	<i>Introduction</i> - When and why multilevel analysis - Course goals - Overview of course  - The basic two-level regression model - Multilevel-analysis using different software:	
	13:30-16:30	Computer lab	<i>HLM-program and Mplus</i>	
Thursday	09:30-12:30	Lecture	<i>Statistical and methodological issues</i> - Analysis strategy - Explained variance - Standardized coefficients - Assumptions  - Categorical variables - Three level model - Centering of variables	
	13:30-16:30	Computer lab	<i>HLM-program and Mplus</i>	
Friday	09:30-12:30	Lecture	<i>Longitudinal data</i> - Fixed occasions - MANOVA approach - ML-longitudinal approach	
	13:30-16:30	Computer lab	<i>HLM-program and Mplus</i>	

For information about the Social Programme,  
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