



Introduction to Multilevel Analysis (S14)

8-10 July 2026

Course Director: Dr. Mirjam Moerbeek

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Lecturer: Dr. Mirjam Moerbeek

Day	Time	Type	Description	Location
Wednesday	09:30 - 12:30	Lecture	Introduction - When and why multilevel analysis - Course goals - Overview of course - The basic two-level regression model - An example with two levels of nesting	Minnaert , Room 0.14
	12:30 - 13:30	Lunch	Restaurant Educatorium	
	13:30 - 16:30	Computer Lab	Data analyses in R	

Thursday	09:30 - 12:30	Lecture	Statistical and methodological issues - Analysis strategy - Intraclass correlation coefficient - Explained variance - Standardized coefficients - Assumptions - Categorical variables - Three level model - Centering of variables	Minnaert , Room 0.14
	12:30 - 13:30	Lunch	Restaurant Educatorium	
	13:30 - 16:30	Computer lab	Data analyses in R	



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Day	Time	Type	Description	Location
Friday	09:30 - 12:30	Lecture	Longitudinal data - ML-longitudinal approach - Fixed measurement occasions - Varying measurement occasions	Minnaert , Room 0.14
	12:30 - 13:30	Lunch	Restaurant Educatorium	
	13:30 - 16:30	Computer lab	Data analyses in R	