



Introduction to Multilevel analysis (S14)

10.07.2019 – 12.07-2019

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SGG = Sjoerd Groenmanbuilding

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: HLM, SPSS and MLwiN	SGG – C0.20
	13:30-16:30	Computer lab	HLM-program	SGG – C1.28
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	SGG – C0.20
	13:30-16:30	Computer lab	HLM-program	SGG – C1.28
Friday	09:30-12:30	Lecture	<i>Longitudinal data</i> - Fixed occasions - MANOVA approach - ML-longitudinal approach	SGG – C0.20
	13:30-16:30	Computer lab	HLM-program	SGG – C1.28

For information about the Social Programme, please visit the [Utrecht Summer School website!](#)

Opening Ceremony Summer School 2019 - July 10 - 17.00 - Location: Janskerk, Janskerkhof