

## Advanced Quantitative Methods II

KW 38 2019: 16-20. Sept 2019 (Campus Östersund)

Lecturer: Prof. Matthias Fuchs

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Mon 16.9 9:00-11:30	Tue 17.9 9:00-11:30	Wed 18.9 - 9:00-11:30	Thu 19.9 - 9:00-11:30	Fri 20.9 - 9:00-11:30
Intro: Overview Multivariate Methods & Examining data	Cluster Analysis	Multidimensional Scaling	Confirmatory Factor Analysis	**Laboratory Predictive analytics with Rapid Miner®
Regression Analysis & Exploratory Factor Analysis (RECAP)	Multiple Discriminant Analysis	Correspondence Analysis	Linear Structural Equation Modelling	cont.
Break 11:30-13:00	Break 11:30-13:00	Break 11:30-13:00	Break 11:30-13:00	Break 11:30-13:00
13:00-14:30	13:00-14:30	13:00-14:30	13:00-14:30	13:00-14:30
Logistic Regression	Multiple Analysis of Variance (MANOVA)	Conjoint Analysis	Wrap up & home exercise/ Essay	**continues
Break 14:30-15:00	Break 14:30-15:00	Break 14:30-15:00	Break 14:30-15:00	Break 14:30-15:00
15:00-17:00	15:00-17:00	15:00-17:00	15:00-17:00	15:00-17:00
*Laboratory	*Laboratory	*Laboratory	*Laboratory	**continues

Room and Lab numbers will be announced

\* **Supervised SPSS® laboratory:** multivariate analysis techniques together with **Dr. Tatiana Chekalina**

<https://www.miun.se/Personal/tatianachekalina/>

\*\* **Supervised Rapid Miner® laboratory:** predictive analytics techniques together with **Prof. Wolfram Höpken**, University of Applied Sciences Ravensburg Weingarten <http://www.hoepken.org/>