

Advanced Quantitative Methods II, 7.5 credits, TUR010F

KW 41-42 2021: 12-22 Oct 2021 (Campus Östersund & Online)

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12.10.2021 (9:15-12:00)

- Introduction: Overview Multivariate Data Analysis (MF)
- Regression Analysis & Exploratory Factor Analysis (*RECAP*) (MF)
- Cluster Analysis (MF)

13.10.2021 (9:15-12:00)

- Logistic Regression (MF)
 - Lab Application (TC)

14.10.2021 (9:15-12:00)

- Multiple Discriminant Analysis (MF)
 - Lab Application (TC)

15.10.2021 (9:15-12:00)

- Multiple Analysis of Variance (MANOVA) (MF)
 - Lab Application (TC)

18.10.2021 (9:15-12:00)

- Correspondence Analysis (MF)
 - Lab Application (TC)

19.10.2021 (9:15-12:00)

- Conjoint Analysis (MF)
 - Lab Application (TC)

20.10.2021 (9:15-12:00)

- Confirmatory Factor Analysis & Linear Structural Equation Modelling
- Wrap up & home exercise/ Essay (MF, SD, TC)

21.10.2021 (9:15-12:00)

- Advanced regression techniques beyond OLS (data assumptions violated, data pooled, panel-based, multi-group analyses) (SD)

22.10.2021 (9:15-12:00)

- Lab Application (SD)Advanced regression techniques

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Course schedule (not content) is subject to change

Room numbers will be announced or the course will be offered online **via Zoom**