Lehrstuhl für Statistik und Data Analytics
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UNIVERSITÄT PASSAU
Wirtschaftswissenschaftliche Fakultät

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Seminar *AppliedStatistics* (35802) for Master students in summer term 2021
Topics in Quantile Regression and Statistical Learning

Schedule

1. Preliminary meeting and assignment of topics: KW 15 (12.4-16.4.2021)

2. Interim presentation: KW 19 (10.5-14.5.2021)

3. Final presentation and submission of term paper: KW 27 (5.7-9.7.2021)

Admission requirements

Participants are required to be proficient in regression analysis and to have completed at least

two of the courses (or comparable quantitative courses) successfully

1. Multivariate Methods (35 500)

2. Methods of Econometrics (35 777)

3. Analysis of Panel Data (35 610).

R skills are advantageous; certified, e.g., via successfully completing

„Computational Statistics: Regression in R" and/or „CS: Statistical Learning in R".

Term papers

All term papers consist of at least 25% theory and methods and at least 25% computation and
application.

Depending on the topic, the distribution of the remainder of the term paper between theory,
computation, and application is coordinated with the supervisor.