

Empirical methods of linguistic research

Time: Do 12:15 – 13:45
Room: R 601 +
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The seminar is concerned with methodological and statistical issues in linguistics: basic design of experimental and questionnaire studies, description and presentation of frequency data, basic methodological issues of observational studies, and basic statistical methods (descriptive statistics, hypothesis testing, correlational analysis). Students will be introduced to a statistical software package (SPSS) and will have the opportunity to apply the learned methods to concrete linguistic data.

Requirements

Final exam (50%)
Take home exam (50%)

Topics

- 16.4. Introduction (Wirtz & Nachtigall 1998: 17-37)
- 23.4. Sample study (Diessel & Tomasello 2005: Particle placement)
- 30.4. Research design (Dancey & Reidy: chap 1)
- 7.5. Descriptive statistics (Dancey & Reidy: chap 2)
- 14.5. Probability and hypothesis testing (Dancy & Reidy: chap 3+4)
- 21.5. Himmelfahrt
- 28.5. Introduction to SPSS (Dancey & Reidy: chap 1)
- 4.6. χ^2 test and related measures (Dancy & Reidy: chap 8)
- 11.6. Correlational and regression analysis (Dancy & Reidy: chap 5+11)
- 18.6. Zentral limit theorem (Dancy & Reidy: chap 3)
- 25.6. t-test and related measures (Dancy & Reidy: chap 6)
- 2.7. ANOVA (Dancy & Reidy: chap 9-10)
- 9.7. fällt aus
- 16.7. Final exam