

Title and Code of Course: BPSA 4150 Psychometrics

Instructor's Name: Mihály Berkics

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Credits: 3	Classes per Week: 2	Type of Course: Seminar <input type="checkbox"/> Lecture <input checked="" type="checkbox"/>	Method of Evaluation: Oral Examination <input type="checkbox"/> In-Class Presentation <input type="checkbox"/> Other <input checked="" type="checkbox"/>
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Course Description:

The goal of the course is to give a concise and useful introduction to psychometrics for BA students. Besides learning about the foundations of measurement, the main theories and concepts in psychometrics (reliability, validity, item response theory, etc), students shall also obtain practical skills in related data analytical domains, using mostly SPSS and its open/free alternatives (Jamovi, JASP). Special consideration will be given to factor analysis as a fundamental and frequently applied statistical tool in social and personality psychology. By the end of the semester, students shall be equipped with measurement and data analytic skills useful for doing research in general, and preparing their theses in particular. The course is a lecture, graded on the basis of a final paper including a data analysis project (no data collection is required, just analysis and a report on the results) and a critical evaluation of a published study.

Course requirements at the end of the term (exam period): Writing a paper with two parts: 1) data analysis on datasets provided by the instructor and writing a short report on the results; 2) critical evaluation of a published study (also provided by the instructor).

Bibliography:

Required readings:

Rust, J, Kosinski, M, Stillwell, D (2021) *Modern Psychometrics* (4th edition). Routledge.
Finch, WH, Immekus, JC, French, BF (2016) *Applied Psychometrics Using SPSS and AMOS*. Information Age Publishing.
Furr, RM (2011) *Scale Construction and Psychometrics for Social and Personality Psychology*. SAGE Publications.