



The Faculty of Economics and Social Sciences, Methods Center, University of Tübingen seeking to fill one vacancy from October 1, 2025:

PhD position (m/f/d, E13 TV-L, 100%)

The Methods Center is an interdisciplinary and international research center for quantitative methods in the social and behavioral sciences. The Quantitative Methods section works at developing new statistical methods that focus on answering questions in the field of quantitative social sciences by extending, developing, and connecting techniques from psychometrics and modern machine learning.

Successful applicants will hold an M.Sc. degree in psychology (with a focus on psychometrics), mathematics, statistics, economics/econometrics, computer science, or machine learning. They are expected to have experience with quantitative data analysis techniques (e.g., from machine learning) and to possess strong programming skills (e.g., in Python, R, Julia, or SQL) as well as a solid mathematical background. Applicants should demonstrate a clear interest in the development of methods (e.g., estimation techniques) and models at the intersection of psychometrics and machine learning (e.g., psychology of LLMs, forecasting, time series modeling, heterogeneous data). Proficiency in English is essential.

Starting date is October 1, 2025. The employment (German pay scale E13 TV-L, 3 years with the possibility for further 3 years) will be arranged by the Central Administration of the University of Tübingen.

Teaching includes 4 hours per week; they will primarily be taught in the interdisciplinary and international MSc Quantitative Data Science Program (<https://uni-tuebingen.de/de/160267>).

Tübingen is a beautiful place to live, combining historic flair with the liveliness of a young and cosmopolitan student town.

The University of Tübingen aims to increase the proportion of women in research and teaching and therefore strongly encourages suitably qualified female candidates to apply. Applicants with severe disabilities will be given preferential consideration if equally qualified. The university is committed to equal opportunities and diversity.

If you are interested in the position, please send your application with the usual documentation (curriculum vitae, publication list, copies of certificates etc) and a motivation letter, preferably in electronic form (one single pdf-file only), to Augustin Kelava (augustin.kelava@uni-tuebingen.de).

Deadline for applications is June 30, 2025. For further questions, please contact Augustin Kelava.