



Postdoc position (m/f/d, E13 TV-L, 100%) or PhD position (m/f/d, E13 TV-L, 65%) – Psychometrics

The **Methods Center** of the University of Tübingen invites applications for a

**Postdoc position (m/f/d, E13 TV-L, 100%)
or
PhD position (m/f/d, E13 TV-L, 65%)**

to be filled as soon as possible.

The position is limited to three years.

The Methods Center is an interdisciplinary research center for quantitative methods and psychometrics. Its focus lies on the development of new statistical methods for (intensive) longitudinal and multilevel data as well as latent variable models (structural equation models) primarily using Bayesian modeling techniques. In this position, the focus lies on the development and evaluation (e.g. via simulation studies) of these methods.

Teaching includes 2 hours per week for PhD students or 4 hours per week for Postdocs; they will primarily be taught in the interdisciplinary and international MSc Quantitative Data Science.

Successful applicants for the PhD or Postdoc position will have a Master or PhD degree, respectively, in psychology/ psychometrics, mathematics or statistics, economics/econometrics, or computer science with a strong emphasis on quantitative methods, or in a related field with an interest in quantitative data analysis. Applicants should have experience with structural equation modeling, multilevel modeling and/or longitudinal analysis as well as Bayesian statistics, and excellent programming skills in R. They should show an interest in examining estimation techniques at the intersection of psychometrics and statistical learning. Strong English language skills are necessary.

Applications with the usual documents (cover letter, curriculum vitae, copies of certificates, publication list) should be sent in electronic form as a single PDF to Prof. Holger Brandt (holger.brandt@uni-tuebingen.de) by October 15, 2021. Questions can be directed to Holger Brandt.

The university seeks to raise the number of women in research and teaching and therefore urges qualified women academics to apply for this position. Qualified international researchers are expressly invited to apply. Equally qualified applicants with disabilities will be given preference.

The employment will be carried out by the central administration of the University of Tübingen.