The Department of Medical Statistics at the University Medical Center Göttingen invites applications for the following position:

**PhD student**

Fixed-term contract (initially for 3 years), 65% part-time position, Salary according to TV-L

**About us**
The University Medical Center Göttingen is a tertiary care center and offers great development potential. Its 7,700 employees work in over 65 departments and facilities to provide top-quality patient care, excellent research and modern teaching. Göttingen, “City of Science”, is located near the center of Germany, the University Medical Center Göttingen is embedded in the city’s attractive network of scientific research facilities. Within the Faculty of Medicine and at the ‘Göttingen campus’, the Department of Medical Statistics (Head: Prof. Dr. Tim Friede) offers a statistical advisory service and teaching in the fields of biometric and bioinformatic analysis of clinical and genomic data. Members of the Department also conduct research in the fields of adaptive designs of clinical trials, evidence synthesis, survival analysis, causal inference and the statistical analysis of high-dimensional data.

**Responsibilities**
- Development of statistical methodologies in the field of observational studies in Epidemiology (survival analysis, artificial intelligence, machine learning)
- Analysis of real-world data in the context of a DZHK (German Centre for Cardiovascular Research) project group
- Implementation of the new methods in statistical software (preferably in R)
- Publication of the results and their presentation at scientific conferences

**Requirements**
- Master degree in Statistics, Mathematics, Biometry or a related field
- Interest in the development and application of statistical methods in Epidemiology
• Very good knowledge in statistical software packages (especially in R)
• High proficiency in English
• High level of motivation, ability to work in a team, proactive personality, scientific curiosity and willingness to learn

We offer diverse possibilities of internal and external professional training.

Women are especially encouraged to apply. Applications with disabilities and equal qualifications will be given preferential consideration.

We are looking forward to receiving your sound application (single PDF by email only) until 15th October, 2019.

Contact
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