



TU Dortmund University is a dynamic research-oriented university with 17 departments in the natural and engineering sciences as well as social and cultural sciences. On our international campus, around 6,700 employees make a daily contribution to solving pressing questions of the present and the future. Openness and diversity characterize not only the collaboration in research and teaching, but also in technology and administration.

Doctoral Position in Statistics

The Chair of Mathematical Statistics offers a PhD position as soon as possible. This is a full-time position, initially limited to a period of 3 years. The contract period is adjusted to the qualification goal. The possibility of a promotion is given. Remuneration will be paid in accordance with the German collective wage agreement (TV-L 13, 100%). It is in principle suitable for part-time employment, too.

YOUR QUALIFICATION:

You acquired a very good Master's degree in Statistics, Mathematics or in a related area with a strong background in Mathematics, Statistics or Biometrics.

You should have programming skills concerning the relevant software environments (z.B. R, Python or Matlab).

You enjoy exploring scientific challenging questions and feel very confident in organisational and communicative situations. Very good knowledge of written and spoken English complete your profile.

WHAT WE OFFER:

We offer the possibility of a scientific qualification (PhD) as well as an independent occupation within a multilateral and cooperative research environment of a newly established dynamic research group.

YOUR TASKS:

One of your main tasks will be the development of new statistical methods for improving the quality of experiments of any kind.

Another main emphasis of your work will be the research within the field of optimal experimental design in the context of Biostatistics, high-dimensional Statistics and machine learning.

Moreover, you will apply statistical methods to solve problems in Biostatistics.

Finally, we expect the support in teaching at the Department of Statistics (Bachelor and Master) in the amount of maximum 4 hours per week.

We promote diversity and equal opportunities. Convince us with your personality and expertise. Applications from women will be given preferential treatment in accordance with the statutory regulations. It is pointed out that the application of suitable severely disabled persons is desired.

Are you interested? Then please send your application (cover letter, CV and references) by **22.02.2023**, quoting ref. no. **w02-23** to:

Technische Universität Dortmund
Fakultät Statistik
JProf. Dr. Kirsten Schorning
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