



At the Department of Statistics at TU Dortmund University, the following position is to be filled at the next possible date:

Professorship (W1) Statistics

Our profile

TU Dortmund University with its 17 departments in the natural and engineering sciences as well as the humanities and social sciences is a dynamic university with a strong profile in research, teaching, promotion of young scientists and transfer.

The Department of Statistics at TU Dortmund University is the only statistics department in the German-speaking countries, with particular strengths in interdisciplinary research. It offers a diverse environment by leading and participating in several large collaborative research projects in statistics, computer science, engineering, and social and life sciences. Its scientific network includes, among others, the Fraunhofer Institutes IML and ISST, the Leibniz institutes IfADo and ISAS as well as the newly founded Research Center “Trustworthy Data Science and Security” as part of the Research Alliance Ruhr. The Research Center builds a scientific bridge between statistics, computer science and social sciences in order to increase trust in digital technologies and methods.

Profile of the professorship

You represent the area of statistical methods development in research and advance it in an internationally visible way. In doing so, you participate in research networks and cooperations within and outside TU Dortmund University. In particular, you will work closely with the Research Center “Trustworthy Data Science and Security”. You are involved in the acquisition of thirdparty funding, support young scientists and participate appropriately in the teaching offer of the department.

The appointment is initially for a period of three years as a temporary civil servant. In the course of the third year, this status will be reviewed and may be extended for a further three years depending on performance. The teaching load is four hours per week in each of the first three years. In the case of a positive review, it will increase to five hours per week in each of the last three years.

Your qualifications

You have obtained a doctorate with above-average success and already demonstrate initial experience in the dissemination of your research in the field of the professorship, e.g. in the areas of asymptotic statistics, Bayes statistics, multivariate and high-dimensional statistics, nonparametric statistics, resampling, statistics of stochastic processes, statistical learning theory, survival analysis, uncertainty quantification, experimental design or sampling theory through international publications in recognized journals of statistics with peer review. Experience with interdisciplinary research projects as well as in obtaining external funding is desirable.

In addition to this, you have the potential for teaching excellence. Social and leadership skills and the willingness to participate in academic self-administration complete your profile. In all other respects, the hiring requirements of Section 36 of the North Rhine-Westphalia Higher Education Act (*Gesetz über die Hochschulen des Landes Nordrhein-Westfalen, HG*) apply.

Attractive environment

We offer you an excellent scientific environment and attractive cooperation opportunities with renowned international, national and regional partners. The metropolitan Ruhr Area with the University Alliance Ruhr (UA Ruhr) guarantees short distances to a diversity of partners from science and industry. Beyond this, we offer an extensive range of continuing education programs in research and teaching. With our Dual Career Service, we accompany your partner in the professional orientation in the region if desired. We will be happy to inform you about housing and living in Dortmund and help you find childcare options. If you are coming to us from abroad, our Welcome Service will support you on your arrival in Germany.

Diversity welcome

A central goal of TU Dortmund University is to promote diversity and equal opportunities. We have set ourselves the strategic goal of significantly increasing the proportion of women in research and teaching and therefore welcome applications from female scientists. We give preference to severely disabled applicants if their qualifications meet the requirements. We support the compatibility of family and career and promote gender equality in science.

Your application

If you are interested in the position, please send your application with the usual documents (curriculum vitae, list of publications, references, teaching evaluations, if available, etc.) via e-mail by 16.03.2022 in a single pdf file to: **dekanat.statistik@tu-dortmund.de**

Questions will be answered by the Dean of the Department of Statistics,
University Professor Dr. Katja Ickstadt,
Tel: +49 231 755-3109 or
dekanat.statistik@tu-dortmund.de

Details on the application process and the preparation of application documents can be found here:

<https://berufung.tu-dortmund.de/en/application/>

Further information about the Department of Statistics can be found at

<https://www.statistik.tu-dortmund.de/departement.html>

Information about the Research Center can be found at **<http://rc-trust.ai/>**