



The recently funded interdisciplinary DFG project „*Boosting copulas – multivariate distributional regression for digital medicine*“ joined with the Universities of Excellence Humboldt-Universität zu Berlin and University of Bonn is looking for doctoral research fellows.

The School of Business and Economics invites applications for

1 Doctoral research fellows (75% part-time employment)

(statistician, data scientist, mathematician, computer scientist, or related field with interest in applications in life science)

to be employed under a limited-time contract of 3 years funded by the DFG. The PhD candidate will be affiliated with the working group Applied Statistics at the School of Business and Economics at Humboldt-Universität Berlin. The prospective candidate will be jointly supervised by Prof. Nadja Klein (Berlin) and Prof. Andreas Mayr (Bonn).

Responsibilities

- Methodological research in the area of advanced statistical modelling for bio-medical data in the line of the DFG project
- Development and implementation of statistical learning algorithms
- Active participation in the activities of the corresponding working groups
- Presentation of the results at international conferences and publications in statistical and bio-medical scientific journals

Requirements

- Outstanding degree in Statistics, Mathematics, Computer Science or related field with specialisation in Statistic, Data Science or Mathematics
- Substantial experience in scientific programming with R, Matlab, Python, C/C++ or similar
- Strong interest in developing novel statistical methodology and its applications in life sciences
- Very good communication skills and team experience, proficiency of the written and spoken English language (German is not obligatory).



What we offer

- The possibility to obtain a PhD/doctoral degree in the promising area of Data Science in a unique research environment
- The candidates are encouraged to participate in international graduate schools and structured PhD program
- Salary will be based on TV-L (E13, if suitably qualified)

For further information, please contact Nadja Klein directly. Applications (CV, certificates, if possible draft of Master thesis) should be sent as a single PDF file to: nadja.klein@hu-berlin.de and amayr@uni-bonn.de

HU is committed to diversity and equal opportunity. They aim to increase the proportion of women in areas where women are under-represented and to promote their careers in particular. We therefore urge women with relevant qualifications to apply. Applications from suitable individuals with a certified serious disability and those of equal status will be given preferential consideration. People with an immigration background are specifically encouraged to apply.