

The working group of Statistics at Humboldt University of Berlin invites applications for:

1 Postdoctoral research fellow (full-time employment, 3 years with possible extension)

to contribute to the research on mathematical and statistical aspects of Bayesian statistical learning approaches and novel methods towards high-dimensional distributional models. The research positions are associated with the Emmy Noether group Regression Models beyond the Mean – A Bayesian Approach to Machine Learning and working group of Applied Statistics at the School of Business and Economics at Humboldt-Universität Berlin.

Opportunities for own scientific qualification (PhD)/career development are provided, see https://www.wiwi.hu-berlin.de/en/academic-career/academic-career?set_language=en for an overview and further links. The positions are to be filled at the earliest possible date and funded by the German Research Foundation (DFG) within the Emmy Noether programme.

***Requirements:**

- an outstanding PhD in Statistics, Mathematics, or related field with specialisation in Statistics, Data Science or Mathematics;
- a strong background in at least one of the following fields: computational methods, Bayesian statistics, variational inference, statistical learning, high-dimensional regression modelling, mathematical statistics;
- a thorough mathematical understanding.
- substantial experience in scientific programming with R, Matlab, Python, C/C++ or similar;
- strong interest in developing novel statistical methodology and its applications in various fields such as economics or natural and life sciences;
- a very good communication skills and team experience, proficiency of the written and spoken English language (German is not obligatory).

***Opportunities:**

We offer the unique environment of young researchers and leading international experts in the fields. The vibrant international network includes established collaborations in Singapore and Australia. The positions offer potential to closely work with several applied sciences. Information about the research profile of the research group and further contact details can be found through the following link: <https://hu.berlin/ENG-StatML>. The positions are paid according to the Civil Service rates of the German States "TV-L", E13 (if suitably qualified).

***Applications should include:**

- a CV with list of publications
- a motivational statement (at most one page) explaining the applicant's interest in the announced position as well as their relevant skills and experience
- copies of degrees/university transcripts
- names and email addresses of at least two professors that may provide letters of recommendation directly to the hiring committee Applications should be sent as a single PDF file no later than 22nd of July 2020 to: **Prof. Dr. Nadja Klein (naja.klein[at]hu-berlin.de)**, whom you may also contact for questions concerning this job post. Please indicate the reference number DR/109/20 in the application.

HU is seeking to increase the proportion of women in research and teaching, and specifically encourages qualified female scholars to apply. Severely disabled applicants with equivalent qualifications will be given preferential consideration. People with an immigration background are specifically encouraged to apply. Since we will not return your documents, please submit copies in the application only.