Job announcement

The Leibniz Institute for Prevention Research and Epidemiology – BIPS offers a position as a

Statistician (Postdoc or PhD candidate)
"Interpretable Machine Learning"

Salary scale 13 of the German public sector salary system (TV-L)

The position starts as soon as possible. The contract is initially limited to 3 years (extension possible), 39.2 hours/week (100% position). The position is generally suitable for part-time employment.

The position is in the Emmy Noether Junior Research Group: Beyond Prediction - Statistical Inference with Machine Learning, led by Marvin N. Wright. The research group develops interpretable machine learning methods with applications in epidemiology, with special emphasis on statistical aspects of machine learning and on the development of open-source software.

We seek an excellent, open-minded and team-spirited person with a background in (bio-)statistics, mathematics, computer science or related disciplines who is interested in statistical aspects of machine learning and applications in epidemiology. The position is suitable for a Postdoc or a PhD candidate.

Responsibilities:
* Develop new (interpretable) machine learning methods and apply them to health data
* Participate in joint (international) research projects
* Publish and present research results
* Develop software packages
* Co-supervise bachelor and master students (postdoc also co-supervise PhD students)
* Support acquisition of external funding, develop independent research projects (postdoc only)

Requirements:
* Master's / PhD degree (or equivalent) in (bio-)statistics, mathematics, data science, computer science or related disciplines
* Solid background in statistics
* Interest in machine learning
* Programming skills in R or Python, other languages such as C++ or Java are beneficial
* Good command of spoken and written English
* Initiative, motivation, commitment, and scientific curiosity

The Leibniz Institute for Prevention Research and Epidemiology – BIPS is one of the leading epidemiological research institutions in Germany and a member of the Leibniz Association. We offer exciting research topics, a stimulating international environment, a good infrastructure, close ties to the University of Bremen and an engaged, supportive and cooperative team. Postdocs are encouraged to strive for scientific independence and to establish their own research focus.

Disabled applicants will be given priority conditional on equal professional and personal qualifications. The Institute strives to promote its employees' work-life balance and has been certified for its family friendliness (audit "berufundfamilie"). We also offer additional support for international scholars to relocate to Germany through the Welcome Center of the UBremen Research Alliance.

Enquiries to: Prof. Dr. Marvin N. Wright, phone: +49 421 218 56 945
Additional information can be found on our homepage: https://www.leibniz-bips.de/en.

Please send your application in English or German with the usual documents quoting the **reference number A21/36** by **November 30, 2021** by e-mail as a single PDF file to: bewerbung@leibniz-bips.de.

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We kindly ask you not to submit any originals or folders, as we cannot return any applications for cost reasons. All supplied documents will be destroyed after the selection process.