



Faculty of Management, Economics and Social Sciences

Doctoral or Postdoctoral Research Fellow in Econometrics (f/m/x)



Institute of Econometrics and Statistics

We are one of the largest and oldest universities in Europe and one of the most important employers in our region. Our broad range of subjects, the dynamic development of our main research areas and our central location in Cologne make us attractive for students and researchers from around the world. We offer a wide range of career opportunities in science, technology, and administration.

The position is part of the DFG-funded project “Modeling functional time series with dynamic factor structures and points of impact”, led by Junior Professor Dr Sven Otto. The successful candidate will work on the development of statistical methods for time-dependent functional data and their application to economic problems.

YOUR TASKS

- » Conducting research within the scope of the DFG project
- » Contributing to the publication of research findings in international journals
- » Presenting research at conferences
- » Active participation in and support of research-related activities of the institute, such as seminars and workshops

YOUR PROFILE

- » Completed or nearly completed Master's, Doctoral, or equivalent international degree in Economics, Statistics, Mathematics, Data Analysis, or a related discipline.
- » Demonstrated expertise or strong interest in one of the following research topics: functional data analysis, time series analysis, factor models, panel data methods, change points, asymptotic inference
- » Solid skills in mathematical statistics or econometric theory
- » Solid programming skills (e.g. R, Python, Matlab)

WE OFFER

- » Work on your doctoral thesis or postdoctoral research without teaching obligations
- » An active research group with international experts
- » A diverse working environment with equal opportunities
- » Support in balancing work and family life
- » Extensive advanced training opportunities
- » Occupational health management offers
- » Flexible working time models
- » Opportunity to work remotely

The University of Cologne is committed to equal opportunities and diversity. Women are especially encouraged to apply and will be considered preferentially in accordance with the Gender Equality Act of the State of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from people with disabilities / special needs or of equal status.

The position is available from the earliest possible starting date on a full-time basis (39,83 hours per week). The position is to be filled for a fixed term of 3 years with a starting date upon agreement. If the applicant meets the relevant wage requirements and personal qualifications, the salary is based on remuneration group 13 TV-L of the pay scale for the German public sector.

Please send your application (without a photo) with proof of the required qualification online to <https://jobportal.uni-koeln.de>.

The reference number is Wiss2305-02. The application deadline is 18 June 2023.

For further inquiries, please contact (sven.otto@uni-koeln.de).