



RESEARCH FELLOW (1+ year) IN MULTIVARIABLE MODEL BUILDING Medical University of Vienna, Vienna, Austria

We invite applications for research fellows in Medical Statistics. We are looking for a researcher with an MSc and/or PhD (or equivalent degree) in statistics or related subjects who has expertise in statistical methods for multivariable model building, and interest in or experience with prognosis research. This is temporary position for at least 1 year.

The successful applicant will work on the development and evaluation of methodologies for multivariable model building. This work will be supervised by Prof. Daniela Dunkler and Prof. Georg Heinze at the Institute of Clinical Biometrics of the Medical University of Vienna (MedUni Vienna), Austria. Research topics include methods for model specification, [variable selection](#) and [functional form selection](#) (splines, fractional polynomials) and implementation of methods in statistical software such as R. The applicant will perform this work within the international SAMBA project and the [STRATOS initiative](#). Further project collaborators include other staff members as well as international partners in the SAMBA and STRATOS consortia from different European universities.

Information on the department

The researcher will be integrated in the working group “Prognosis Research” at the [Institute of Clinical Biometrics](#). The department is part of the [Center for Medical Statistics, Informatics, and Intelligent Systems \(CeMSIIS\)](#) at the MedUni Vienna. Our department has a long-standing research tradition with an outstanding track record in methodological biostatistical research on multivariable model building, survival analysis, and data science.

Specific duties will include:

- To develop novel statistical methods for multivariable model building
- To compare different methods via simulations in R
- To apply these methods to real data sets
- To develop and maintain R packages and shiny apps
- To write scientific papers and contribute to the overall preparation of research for publication

Application procedure

- Applications should be sent per e-mail to biometrie@meduniwien.ac.at by July 17, 2022 or until the positions are filled including (all documents as PDF):
- CV
- Personal letter: 1-2 pages where you introduce yourself, present your qualifications, previous research fields, main research results, future research plans and the motivation for your application
- Copies of bachelor/master/PhD thesis and of completed education, grades and other certificates
- Two references we can contact

Info on salary

The MSc/PostDoc salaries will depend on experience (min. € 42,800.- (MSc) or € 56,800.- (PhD) gross salary per annum for full time equivalents). The MedUni Vienna is an equal opportunity employer.

Optional

Researchers with an MSc (or equivalent degree) may be given the opportunity to enter the PhD programme at the MedUni Vienna (a funded PhD project lasts 3 years).

For informal inquiries please contact

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