

# Postdoc with data analysis focus

## Research Group Robinson

Full Time

| Klosterneuburg (Vienna), Austria

| € 56,000 gross/year\*

### IST Austria is growing. Grow with us!

IST Austria is a growing international institute for conducting frontier research in mathematics, computer science, and the life and physical sciences. We recruit passionate professionals from all over the world and from all fields who support our goals of excellence in research and science management. Located on a beautiful campus on the outskirts of Vienna, we offer numerous opportunities for personal growth in a stable working environment. [Get an insight!](#)

The **Medical Genomics Group of Matthew Robinson** (<https://ist.ac.at/en/research/robinson-group/>) focuses on developing statistical methods for large-scale electronic health record and medical genomics data. Here, we offer two data scientist/analyst positions at a post-PhD level, developing statistical methods and algorithms to identify signals of drug-drug interactions, to compare different pharmacotherapies, and to build a nation-wide prescription monitoring scheme all within real-world electronic prescription records of millions of people with many years of longitudinal data. Working with our project partner „Dachverband der Österreichischen Sozialversicherung“ we are developing and testing strategies to improve both patient outcomes and prescription efficiency. The objective is to develop new approaches that we will describe in scientific publications that are also widely applicable for future use within the Austrian health system. Thus, as well as working with our project partner team, you will also have the opportunity to work alongside two other postdoctoral researchers and four PhD students.

### Your profile

- PhD in either statistics, applied mathematics, computer science, data science, or life sciences, completed within the last five years
- Programming skills in C++ are a necessity
- High-level understanding of statistics
- A proven-track record with publications in well-respected venues
- Previous experience in a data scientist/analyst role
- Ability to see-through large-scale projects
- Highly motivated, enthusiastic and good communications skills
- Fluency in both written and spoken English
- Working level of German (German speaking project partner)

**Application documents** (single pdf document): CV, 1 page motivation letter, publication list and/ or list of completed data analysis projects, a separate 1 page overview of your previous work explaining how your skills are applicable, contact details of 3 references (at least one must be academic). To submit your application please email: [matthew.robinson@ist.ac.at](mailto:matthew.robinson@ist.ac.at)

\* This position comes with possible overpayment depending on education, qualification and work experience. IST Austria processes your personal data in accordance with the law. For more information, please refer to [www.ist.ac.at/data-protection](http://www.ist.ac.at/data-protection).

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