

For the Research Centre for Operations Research and Business Statistics (ORSTAT), Leuven we are looking for a full-time

PhD researcher in statistics

Semiparametric inference for complex and structural models in survival analysis

The ORSTAT research center has expertise in Operations Research and Statistics. The research center covers a wide range of challenging topics in both areas. One of the statistical research areas that is studied is survival analysis (or duration analysis), which is frequently used in economics, medicine, and engineering. It deals with the analysis of time-to-event data that are often incomplete in practice, and for which adequate procedures need to be developed in order to take this incompleteness into account. The PhD project will focus on a research topic in this area.

Website unit: <http://feb.kuleuven.be/research/leuven/ORSTAT/@main>

Project

- You are expected to prepare a PhD under supervision of Prof. Dr. Ingrid Van Keilegom.
- The PhD position will be financed by an Advanced ERC grant of Prof. Dr. Ingrid Van Keilegom. The research project is on semiparametric inference for complex and structural models in survival analysis.
- You are expected to participate in seminars and will occasionally be involved in teaching activities, including supervision of exams.

Profile

- You have a very strong interest in statistics, econometrics, or mathematics and preferably have a background as Master of Science in Statistics, Mathematics, Applied Economics, Business Engineering, Economics, Civil Engineering or Computer Science.
- Academic performance should be above average: with yearly exam results equaling 68% (distinction) or more, at least twice, of which minimum once in the master's degree
- You have a very decent knowledge of written and spoken English.
- Master students in their last year are especially encouraged to apply.

Offer

We offer an employment as full-time PhD researcher for 1 year, renewable till max. 4 years after positive evaluation. You will find a dynamic and pleasant working environment, in a group which conducts research at the highest international level.

Starting date : September 1, 2017 or to be negotiated.

Interested?

For more information please contact Prof Dr. Ingrid Van Keilegom (phone : +32 16 32 87 44, email : ingrid.vankeilegom@kuleuven.be). You can apply for this job no later than May 15, 2017 via the [online application tool](#)

KU Leuven carries out an equal opportunity and diversity policy.