Curriculum vitae

Personal details

Name: Helske, Jouni Veikko Taneli
ORCID: 0000-0001-7130-793X
GitHub: github.com/helske
homepage: jounihelske.netlify.app
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Degrees

9.12.2015	PhD in Statistics, University of Jyväskylä, Finland
25.8.2010	MSc in Statistics, University of Jyväskylä, Finland
28.7.2010	BSc in Statistics, University of Jyväskylä, Finland

Current employment

1.9.2020–present   **Senior Researcher** University of Jyväskylä, **Finland**
Principal investigator of the AoF funded PREDLIFE consortium's statistics subproject

Previous work experience

1.9.2019–31.8.2020	**Postdoctoral Researcher** University of Jyväskylä, **Finland**
16.10.2017–31.8.2019	**Postdoctoral Researcher** Linköping University, **Sweden**
1.1.2016–15.10.2017	**Postdoctoral Researcher** University of Jyväskylä, **Finland**
1.9.2010 –31.12.2015	**Doctoral Student** University of Jyväskylä, **Finland**
1.6.2010 –31.8.2010	**Research Assistant** Tampere University of Technology, **Finland**

International research visits

9–10/2017	Department of Information Technology, Uppsala University, **Sweden**
9/2016–7/2017	Department of Statistics, University of Oxford, **United Kingdom**
5-6/2012	School of Mathematics, University of Bristol, **United Kingdom**

Career breaks

1.10.2013–31.8.2014   Parental leave between October 2013 and August 2014.

Research funding and grants

2020	Academy of Finland: **Project funding for a consortium project**: Towards well-informed decisions: Predicting long-term effects of policy reforms on life trajectories (PREDLIFE) (9.2020–8.2024). Decision numbers 331816 and 331817. Consortium PI Satu Helske (University of Turku) 280,000€ **Subproject PI** Jouni Helske (University of Jyväskylä) 280,000€
2013	Emil Aaltonen Foundation: **Personal scholarship** for full-time doctoral studies. 25000€

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Research output

Since 2010 I have **authored 18 peer-reviewed, 3 non-peer-reviewed scientific articles or book chapters**, and have **produced 10 R statistical software packages** available at The Comprehensive R Archive Network (CRAN) and Github.

Research supervision and leadership experience

- I am the principal investigator of the statistics subproject of PREDLIFE consortium funded by the Academy Finland supervising one postdoctoral researcher.
- I am a principal supervisor of one PhD student and co-supervisor of one PhD student. I've been co-supervisor of one MSc and six BSc students at the University of Jyväskylä. I also assisted in advising one PhD student at the Oxford University in 2016-2017.
- I have graded three Master's theses and two Bachelor's theses.

Teaching merits

I have lectured courses on Bayesian Statistics 1, Statistical Inference 1, Generalized Linear Models 2 and R Programming on a total of 12 occasions since 2012 at the University of Jyväskylä and have been a lab supervisor in various courses on a total of 7 occasions during 2008-2016.

Other key scientific or academic merits

Editor for statistical software peer review of the rOpensci Initiative.

Reviewer for (with multiple rounds and several papers for some)
- Australian & New Zealand Journal of Statistics, Industrial & Engineering Chemistry Research, Stat, Stochastic Environmental Research and Risk Assessment, Sensors, Applied Computational Intelligence and Soft Computing, Mathematical and Computational Applications, Mathematics, Entropy, R Journal, Journal of Statistical Software, Scandinavian Journal of Statistics, Statistical Papers, CHI 2022, and CHI 2023 conferences.

Member of the organizing committee for
- Novel approaches to numerical challenges related to environmental monitoring, 2015, Jyväskylä, Finland.
- Statistical Days 2013, 2013, Jyväskylä, Finland.
- Seminar on Current Doctoral Research in Biostatistics, Statistics and Related Areas, 2011, Helsinki, Finland.