Curriculum vitae

Personal details

Name: Helske, <u>Jouni</u> Veikko Taneli
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Date of CV: 04.09.2023

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

1.9.2023–present   **Academy Research Fellow** University of Turku, **Finland**
Principal investigator of the CAUSALTIME project
1.9.2020–31.8.2024   **Senior Researcher** University of Jyväskylä, **Finland**
Principal investigator of the 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

1.8.2023–29.8.2023	Parental leave
1.3.2023–31.7.2023	Partial parental leave (working 60%)
1.10.2013–31.8.2014	Parental leave

Research funding and grants

2023	Research Council of Finland: **Academy Research Fellowship**: CAUSALTIME: Bayesian causal inference for multivariate longitudinal data (9.2023–8.2027). Decision number 355153. PI Jouni Helske (University of Turku) 627,616€
2020	Research Council 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 20 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 CAUSALTIME project funded by the Research Council of Finland.
- I am the principal investigator of the statistics subproject of PREDLIFE consortium funded by the Research Council of 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

Chair and invited speaker for the Methods Festival 2023, Jyväskylä, Finland.

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.