

Jan-Philipp Fränken

janphilipp.franken@gmail.com

janphilippfranken.github.io



Education

University of Edinburgh, PhD in Psychology.

Bramley Computational Cognitive Science Lab

September 2019-December 2022 (expected)

University College London, MSc in Cognitive and Decision Sciences.

GPA: 77.8/100, Distinction, Dean's List

September 2018-August 2019

Maastricht University, BSc in Psychology.

GPA: 8.98/10, Distinction, Honours

September 2015-July 2018

Universitas Surabaya, Exchange.

GPA: 4.0/4.0

August 2017-January 2018

Research Experience

PhD Researcher, University of Edinburgh.

Supervisor: *Neil Bramley*

September 2019-Present

Researcher, City, University of London.

Supervisor: *Dimitris Pinotsis*

March 2019-December 2020

MSc Researcher, University College London.

Supervisor: *David Lagnado*

September 2018-August 2019

Research Assistant, Maastricht University.

Supervisor: *Henry Otgaar*

March 2016-June 2018

Teaching Experience

Tutor, University of Edinburgh.

Courses:

- Computational Cognitive Science (School of Informatics)
- Intermediate Python (Department of Psychology)
- Multivariate Statistics (Department of Psychology)
- Univariate Statistics (Department of Psychology)
- Research Methods and Statistics I-II (Department of Psychology)
- Data Analysis for Psychology I (Department of Psychology)

September 2019-Present

Tutor, Maastricht University.

Courses:

- Statistics for Psychologists I-II (Faculty of Psychology and Neuroscience)
- Critical Thinking (Faculty of Psychology and Neuroscience)
- Consciousness (Faculty of Psychology and Neuroscience)

November 2016-June 2018

Awards and Scholarships

PhD Scholarship, German Academic Scholarship Foundation.

€68,800

December 2019-Present

ESRC Studentship, Scottish Graduate School of Social Science.

£4327

September 2019-December 2019

Tutor Award, University of Edinburgh.

£100

March 2021

Travel Award, Maastricht University.

€500

August 2017

Publications and Conference Proceedings

Working Papers

Fränken, J.P., Valentin, S., Lucas, C., Bramley, N. Know your network: (In-)Sensitivity to structure in social learning (*in prep*).

Fränken, J.P., Theodoropoulos, N., Bramley, N. Algorithms of adaptation in inductive inference (*under review*).

2021

Fränken, J.P., Pilditch, T. (2021). Cascades across Networks are sufficient for the formation of echo chambers: An agent-based model. *Journal of Artificial Societies and Social Simulation*. [[pdf](#)] [[model](#)] [[git](#)]

2020

Fränken, J.P., Theodoropoulos, N., Moore, A., Bramley, N. (2020). Belief revision in a micro social network: Modelling sensitivity to statistical dependencies in social learning. In *Proceedings of the 42nd Annual Meeting of The Cognitive Science Society*. [[pdf](#)] [[git](#)]

2018

Otgaar, H., Wang, J., **Fränken, J.P.**, Howe, M. (2018). Believing does not equal remembering: The effects of social feedback and objective false evidence on belief in occurrence, belief in accuracy, and recollection. *Acta Psychologica*. [[pdf](#)]

Poster Presentations

2021

Fränken, J.P., Valentin, S., Lucas, C., Bramley, N. (2021). Know your network: Sensitivity to structure in social learning. In *Proceedings of the 43rd Annual Meeting of The Cognitive Science Society*. [[abstract](#)] [[poster](#)] [[git](#)]

Talks

FeldmanHall Lab, *Brown University*. February 2022.

KUIS AI, *Koc University*. December 2021.

Social Reading Group, *MPI Tübingen*. October 2021.

Computation and Language Lab, *UC Berkeley*. August 2021.

Lagnado Lab, *UCL*. July 2021.

Gureckis Lab, *NYU*. February 2021.

Pinotis Lab, *City, University of London*. February 2020.

HCN Seminar Series, *The University of Edinburgh*. October 2019.

Professional Service

Political Cognition Seminar Series Organiser, University College London. February 2019-August 2019

Ad-hoc Reviewer, CogSci Conference. February 2020-Present

Course Representative, University College London. September 2018-August 2019

Skills

- o **Programming languages:** Python, R, C++, NetLogo, MATLAB, JavaScript, HTML, CSS.
- o **Machine learning and statistics:** Bayesian models, Monte Carlo methods, causal inference, reinforcement learning, program induction, information theory, regression, clustering, classification, hypothesis testing, model fitting, optimisation.
- o **Research skills:** Experimental design, model development, data collection, data analysis, data visualisation.
- o **Languages:** Native/bilingual proficiency: German, English. Beginner: Bahasa Indonesia.