Jan-Philipp Fränken

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janphilippfranken.github.io

Education

University of Edinburgh, PhD in Computational Cognitive Science.	September 2019-Present
Bramley Computational Cognitive Science Lab	

University College London, MSc in Cognitive and Decision Sciences.	September 2018-August 2019
GPA: 77.8/100, Distinction, Dean's List	

Maastricht University, BSc in Psychology.	September 2015-July 2018
GPA: 8.98/10, Distinction, Honours	

Universitas Surabaya, Exchange.	August 2017-January 2018
GPA: 4.0/4.0	

Research Experience

PhD Researcher, University of Edinburgh.	September 2019-Present
Supervisor: *Neil Bramley*	

Researcher, City, University of London.	March 2019-December 2020
Supervisor: *Dimitris Pinotsis*	

MSc Researcher, University College London.	September 2018-August 2019
Supervisor: *David Lagnado*	

Research Assistant, Maastricht University.	March 2016-June 2018
Supervisor: *Henry Otgaar*	

Teaching Experience

Tutor, University of Edinburgh.	September 2019-Present

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

Tutor, Maastricht University.	November 2016-June 2018

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

Awards and Scholarships

PhD Scholarship, German Academic Scholarship Foundation.	December 2019-Present
€68,800	

ESRC Studentship, Scottish Graduate School of Social Science.	September 2019-December 2019
£4327	

Tutor Award, University of Edinburgh.	March 2021
£100	

Travel Award, Maastricht University.	August 2017
€500	

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.