

Marijn Alexis Keijzer, MSc.

PhD Candidate in Sociology (ICS / University of Groningen)

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1 Education

PhD in Sociology

2016 - Present

University of Groningen & Interuniversity Center for Social Science Theory and Methodology (ICS)

Project title: 'Will the personalization of online social networks intensify opinion polarization?'

Promotors: Prof. dr. Andreas Flache, Prof. dr. Michael Mäs, & Prof. dr. Christian Steglich

MSc in Sociology

2014 - 2016

Utrecht University

With distinction [GPA: 4.0 / Dutch: 8.1 / Cum Laude]

Thesis on socioeconomic status, reputation and interpersonal trust (supervised by Prof. dr. Rense Corten)

[GP: 4.0 / Dutch: 8.5]

BSc in Sociology

2009 - 2013

Utrecht University

[GPA: 3.0 / Dutch: 7.1]

Thesis on social capital and intergenerational mobility (supervised by Prof. dr. Rense Corten) [GP: 4.0 / Dutch: 8.0]

Minor in Aesthetics at the Faculty of Humanities

One semester at University of Mannheim (Mannheim, Germany) following courses on Social Inequality and Sociology of Health [GPA: 4.0 / Dutch: 8.0]

2 Teaching

Lecturer and coordinator 'Opinion Dynamics on the Internet' (ODIN)

2019 - present

University of Groningen

Third year's bachelor elective course (2.5 ECTS) embedded in the minor 'Data Wise: Data Science in Society'. This course addresses challenges and opportunities of computational social science through the study of online opinion dynamics. [\[link\]](#)

Supervisor 'Collaborative Data Projects'

2019 - present

University of Groningen

Third year bachelor course embedded in the minor 'Data Wise: Data Science in Society'. In this course small and interdisciplinary groups of students work with an external project partner on a real problem the partner has. The teams have 15 weeks to complete a task like building an application that visualizes data, solving a practical problem with statistical analysis, or another project that is in some way related to data science. [\[link\]](#)

Teaching Assistant 'The Municipality and its Citizens'

2017 - 2019

University of Groningen

First year's bachelor course where I tutor multiple research projects and teach some group lectures

Supervisor Bachelor Theses

2017 - 2019

University of Groningen

Supervision of ten students' theses on social consequences of the use of online social network platforms

3 Experience

Research Assistant

2011 - 2016

Utrecht University

Involvement in various research projects with various tasks at different levels of complexity, including:

- Programming automated reports with statistical models and visual reports of employee satisfaction for the Sustainable Workforce project
- Data handling and data analysis for the EU Labor Force Study of Prof. Dr. B. Lancee
- Qualitative data gathering and analysis for a study on differences in educational trajectories of ethnic minorities

Research Internship

2015

Netherlands Institute for Social Research ('Sociaal en Cultureel Planbureau'), The Hague

Estimating the selection bias of convenience samples of transgender individuals

Research Internship

2013 - 2014

Trajectum, Zwolle

Validation of measurement models for reporting of patients' aggressive behavior in a mental healthcare organization

4 Publications

4.1 Publications in peer-reviewed journals

2018 Keijzer, M.A., Mäs, M., & Flache, A. (2018). Communication in Online Social Networks Fosters Cultural Isolation. *Complexity*

4.2 Conference presentations

2019 Keijzer, M.A. (09/01/2019). Validating models of opinion polarization on the micro-level. Presented at the *European Symposium Series on Societal Challenges in Computational Social Science, 2019: Polarization and Radicalization* (Zürich, Switzerland)

2019 Keijzer, M.A. (05/02/2019). Designing Social Influence Experiments. Presented at *Sixth International Meeting on Experimental and Behavioral Social Sciences* (Utrecht, The Netherlands)

2018 Keijzer, M.A., Mäs, M. & Flache, A. (08/13/2018). Communication in Online Social Networks Fosters Cultural Isolation. Presented at *2018 Annual Meeting of the American Sociological Association* (Philadelphia PA, USA)

2018 Keijzer, M.A., Mäs, M. & Flache, A. (06/26/2018). Communication in Online Social Networks Fosters Cultural Isolation. Presented at *XXXVIII Sunbelt Conference 2018* (Utrecht, The Netherlands)

- 2017 Keijzer, M.A., Mäs, M. & Flache, A. (07/07/2017). Isolation in Online Social Networks. Presented at the *Interdisciplinary Workshop on Opinion Dynamics and Collective Decision* (Bremen, Germany)
- 2017 Keijzer, M.A., Mäs, M. & Flache, A. (06/09/2017). Cultural heterogeneity under one-to-many communication in online social networks. Presented at the *9th International Network for Analytical Sociology conference* (Oslo, Norway)
- 2016 Keijzer, M.A., & Corten, R. (06/04/2016). In Status We Trust: A vignette experiment on socioeconomic status and reputation explaining interpersonal trust in peer-to-peer markets. Presented at the *8th International Network for Analytical Sociology conference* (Utrecht, the Netherlands)

4.3 Software

- 2019 Laukemper, A. & Keijzer, M.A. (2019). defSim: the Discrete Event Framework for Social Influence Models. Available on GitHub: <https://github.com/marijnkeijzer/defSim>

5 Competitive grants and scholarships

- 2017 **Travel fellowship** for Complexity science winter school. Awarded by the Complexity Institute at Nanyang Technological University (Singapore)
- 2017 **Scholarship** for Computational social science summer school (Sardinia, Italy). Granted by the Gesis Leibnitz-Institut für Sozialwissenschaften

6 Service to profession

6.1 Reviewing

I have reviewed manuscripts for Quality & Quantity, the Journal of Cleaner Production, and Data Science.

6.2 Committees and memberships

Committee Data Transparency **2018 - Present**

The committee is appointed to stimulate a careful approach to handling research data, harmonize and monitor Data Management Protocols on the institute and faculty level, advising the Faculty Board on all matters related to handling research data, and submitting a yearly report on these matters

Program committee for 'Summer School Series on Methods for Computational Social Science' **2018 - 2019**

The program committee advises the organizers on invitees for the summer school.

6.3 Workshops

- 2019 Organized a workshop at the European conference for Computational Social Science: 'Validating Models of Opinion Polarization in the Digital Era' together with Jan Lorenz, Andreas Flache, Michael Mäs [\[link\]](#)

7 Language & Skills

Dutch: Native speaker.

English: Fluently. English spoken research master programme (2014-2016), TOEFL iBT Test score: 106 (2013).

R, Python, Stata, SPSS, MPlus, NetLogo, \LaTeX

Statistical skills: Linear models, Generalized linear models, Bayesian statistics, Structural equation modeling, Latent class analysis, Validity analysis, Reliability analysis, Social network analysis, Multilevel modeling