ANA MACANOVIC

Sjoerd Groenmangebouw, Padualaan 14, 3584 CH Utrecht
a.macanovic@uu.nl
amacanovic.github.io

ACADEMIC POSITIONS

2025 – Current   **Assistant Professor**
Department of Sociology, Utrecht University / Interuniversity Center for Social Science Theory and Methodology (ICS)

2024– 2025   **Max Weber Postdoctoral Fellow**
European University Institute

2023– 2024   **Postdoctoral Researcher**
Department of Sociology, Radboud University

2019– 2023   **PhD Candidate**
Department of Sociology, Utrecht University / Interuniversity Center for Social Science Theory and Methodology (ICS)

EDUCATION AND TRAINING

2016– 2017   **MSc Economics – Behavioural Economics and Game Theory**
University of Amsterdam, Amsterdam, The Netherlands
Thesis project: Ignorance is Bliss – The Effects of Ignorant Behaviour and Its Spreading in Group Settings, Supervisor: Prof. dr. Joël van der Weele

2012 – 2016   **BA Sociology**
University of Belgrade, Belgrade, Serbia
Specialization in Economic Sociology, Graduated cum laude

RESEARCH AFFILIATIONS

Spring 2024   **Visiting Scholar**
Institute of Sociology and Social Psychology at the University of Cologne

Summer 2023   **Visiting Scholar**
Hosted by dr. Mirta Galesic, Santa Fe Institute, Santa Fe

Spring – Summer 2022   **Visiting Scholar**
Hosted by dr. Milena Tsvetkova, Department of Methodology, London School of Economics and Political Science, London

2022- present   **Junior Member**
Centre for Complex Systems Studies (CCSS), Utrecht University

PEER-REVIEWED PUBLICATIONS

Macanovic, A, and Przepiorka, W. 2024. A Systematic Evaluation of Text Mining Methods for Short Texts: Mapping Individuals' Internal States from Online Texts. *Behavior Research Methods (online).* doi: 10.3758/s13428-024-02381-9.

Macanovic, A., Tsvetkova, M., Przepiorka, W., and Buskens, V. 2024. Signals of Belonging: Emergence of Signalling Norms as Facilitators of Trust and Parochial Cooperation. *Philosophical Transactions of the Royal Society B* 379:20230029. doi: 10.1098/rstb.2023.0029

Macanovic, A., Przepiorka, W. 2023. The Moral Embeddedness of Cryptomarkets: Text Mining Feedback on Economic Exchanges on the Dark Web. *Socio-Economic Review* mwad069. doi: 10.1093/ser/mwad069

Macanovic, A. 2022. Text Mining for Social Science – The State and the Future of Computational Text Analysis in Sociology. *Social Science Research* 108. doi: 10.1016/j.ssresearch.2022.102784

OTHER PUBLICATIONS

Macanovic, A. 2025. Sifting Through Text and Time – Computational Text Analysis for Historical Sociology. *Forthcoming as a Chapter in the Research Handbook of Historical Sociology edited by M.H.D. van Leeuwen.*

Ollion E., Shen, R., **Macanovic, A**., Chatelain, A. 2024. The dangers of using proprietary LLMs for research. *Nature Machine Intelligence*. doi: 10.1038/s42256-023-00783-6

WORK IN PROGRESS

Macanovic, A., Hofstra B. 2025. Limits to Gender Equity in Science Communication. *Under review.*

Pial, T., **Macanovic A**., Sage, L., Hassan, E., Hafner, F., Skiena, S., van de Rijt, A., Emery, T. 2025. Fertility Prediction with Foundational Large Language Models Trained on Population Registry Data. *In preparation.*

De Vaan, M, Hofstra, B., **Macanovic, A**., van de Rijt, A. 2025. Societal Segregation: Disentangling Choice from Opportunity Using Dutch Register Data. *In preparation.*

Macanovic, A., Przepiorka, W., and Buskens, V. 2025. Governing the Agora: The Role of Informal Communication in Reputation-Based Online Markets. *In preparation.*

Macanovic, A., and Morando, D. 2025. Structural and Cultural Pathways to Novelty Introduction in an Online Community. *In preparation.*

Edlund, P., **Macanovic, A**., van de Rijt, A. 2025. The Matthew Effect in Science Funding: Resources or Status? *In preparation.*

Macanovic, A. 2025. Accuracy of Group Reasoning and Estimation Under Social Influence. *In preparation.*

Wittek, M., **Macanovic, A.**, Nägel C., Pickartz M. 2024. The Online and Offline Effects of Terror Attacks on Public Opinion Regarding Immigration. *In preparation.*

Zhang S., **Macanovic, A.** 2024. Minority Group Size Moderates Inequity-reducing Strategies in Homophilic Networks. *In preparation.*

Ollion E., Shen, R., **Macanovic, A.**, Chatelain, A. 2023. ChatGPT for Text Annotation? Mind the Hype! *In preparation.*

ADDITIONAL TRAINING

2023 **Graduate Workshop in Computational Social Science Modelling and Complexity**
Organized by the Santa Fe Institute

2022 **Complexity-GAINs International Summer School**
Co-hosted by the Santa Fe Institute

2021 **CNRS Thematic School: Agent-based Modelling in Sociology**
Co-hosted by CNRS and GEMASS

2021 **Medici Summer School: Cooperation in organizing and innovating**
Co-hosted by the University of Bologna, HEC Paris and MIT Sloan School of Management

2021 **Summer Institute in Computational Social Science (SICSS) London**
Co-hosted by the University College London, London School of Economics, Imperial College London, Greenwich University, and City, University of London

2021 **Supervising Student Research Training**
Faculty of Social and Behavioural Sciences, Utrecht University

2020 **Start to Teach Teacher Training**
Utrecht University

TEACHING

2025   **SPS Summer Academy**
European University Institute

2022   **Master Thesis Supervision (MSc Applied Data Science)**
Utrecht University

2021   **Bachelorproject Sociologie Supervision (BA Thesis Sociology)**
Utrecht University

2020 - 2023   **Advanced Sociological Theory: Modelling Social Interaction**
Utrecht University

INVITED TALKS

2025   Sociology Seminar, Institute of Sociology, University of Bern

2024   Sociology Seminar, Department of Sociology, Radboud University

2024   POPNET Connects, University of Amsterdam

2024   Workshop on Computational Text Analysis, Laboratory of Agent-Based Social Simulation (LABSS), National Research Council of Italy (CNR)

2024   Coffee and Knowledge sessions, Netherlands Institute for Social Research

2023   Meeting of the Organisational Behaviour research group, Utrecht University

2023   Colloquium of the Social, Economic, and Organisational Psychology department, Leiden University

2023   Cooperative Relations Seminar, Department of Sociology, Utrecht University

2023   Centre for Complex Systems Studies (CCSS), Utrecht University

2022   Summer Institute in Computational Social Science (SICSS) London

SELECTED CONFERENCE AND WORKSHOP PRESENTATIONS

2025   *17th Annual Conference of the International Network of Analytical Sociologists (INAS), Columbia University, New York*

2025   *Interdisciplinary Workshop on Gender Dynamics, Florence*

2024   *ODISSEI Conference for Social Science in the Netherlands 2024, Utrecht*

2024   *XLIV. Sunbelt Conference, Edinburgh*

2024   *Dag van de Sociologie, Radboud University, Nijmegen*

2023   *118th Annual Meeting of the American Sociological Association, Philadelphia*

2023   *9th International Conference on Computational Social Science (IC^{2}S^2), University of Copenhagen, Copenhagen*

2023   *Force of Gossip Conference, Vrije Universiteit Amsterdam, Amsterdam*

2023   *International Meeting on Experimental and Behavioral Social Sciences (IMEBESS), Lisbon*

2023   *DYSTENA Workshop: Gaining Insights into Social Media Discourse by Combining Text and Network Analyses, Online*

2022   *International Conference on Social Dilemmas (ICSD) 2022, University of Copenhagen, Copenhagen*

PROFESSIONAL SERVICE AND AFFILIATIONS

2022- 2023   **Student Representative, Rationality and Society section of the American Sociological Association**

2022- 2023   **Vice-chair, Young Complexity Researchers Utrecht (YCRU)**

Co-organizing events and guest talks at the Centre for Complex Systems Studies (CCSS) of Utrecht University

2021 -   **Ad-hoc Reviewer (Journals)**

American Journal of Sociology, EPJ Data Science, European Sociological Review, International Journal of Drug Policy, Journal of Personality and Social Psychology, Nature, Philosophical Transactions of the Royal Society B, Poetics, Political Analysis, Science and Public Policy, Scientific Reports, Social Science Research, Socio-Economic Review, Sociological Methods and Research, Sociological Perspectives, Sociological Science, Socius

2024 -   **Ad-hoc Reviewer (Conferences)**

DRUID Conference (2024), Dag van de Sociologie (2024)

GRANTS/AWARDS

2024   **Early-stage researcher (ESR) Grant**
Awarded a €3 970 grant by the European University Institute to support individual postdoctoral research project.

2023   **Innovative Tandem Collaboration Grant**
Awarded a €15 000 grant by the Cologne International Forum for the project "The Online and Offline Effects of Terror Attacks on Public Opinion Regarding Immigration", co-PI dr. Mark Wittek.

2023   **Swaantje Mondt PhD Travel Fund**
Awarded €2467 by the Swaantje Mondt Fund and the Utrecht University Centre for Complex Systems Studies (CCSS) for a research visit to the Santa Fe Institute.

2023   **Visiting Fellowship, The Academy of Sociology (AS)**
Awarded €1970 for costs of the research visit to the Santa Fe Institute.

2022   **Swaantje Mondt PhD Travel Fund**
Awarded €2380 by the Swaantje Mondt Fund and the Utrecht University Centre for Complex Systems Studies (CCSS) for a research visit to the London School of Economics and Political Science.

2013-2016   **Excellence Scholarship of the Ministry of Education, Science and Technological Development, Republic of Serbia**
A 3-year scholarship awarded by the Serbian Ministry of Education, Science and Technological Development to students who show extraordinary success during their studies.

PERSONAL SKILLS

Languages   · Serbian (Native); English (C2, Cambridge CAE Certificate); Dutch (C1); Russian (C1); Japanese (B2, JLPT N2 Certificate); German (A1); Italian (A1)

Computer Skills
· R, Stata, Python, NetLogo, SPSS
· oTree
· InRule (Business Rule Management System), Jira
· Git
· Microsoft Office Package (MS Word, MS Excel, MS PowerPoint)
· Corel Paint Shop Pro