# Renáta **Topinková**

POSTDOC IN COMPUTATIONAL SOCIAL SCIENCE

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## **Wor**k Experience

**Ludwig-Maxmilians-Universität München**                          *Munich, Germany*
POSTDOCTORAL RESEARCHER IN COMPUTATIONAL SOCIAL SCIENCE                 *Oct 2022 - present*
- Department of Sociology, chair of Computational Social Science

**Institute of Sociology of the Czech Academy of Sciences**                *Prague, Czechia*
RESEARCH ASSISTANT                                            *Feb 2020 - Sept 2022*
- Department of Social Stratification
- Projects: The cumulative effects of social disadvantage on health and the quality of life (2019-2021) & European Social Survey (2020 – 2024) & Development of a centralized interface for extracting large data from web archives (2021-2022)

**University of Manchester**                              *Manchester, United Kingdom*
RESEARCH ASSISTANT                                              *July 2022 - Sept 2022*
- Department of Criminology and The Mitchell Centre for Social Network Analysis

**Institute of Sociology of the Czech Academy of Sciences**                *Prague, Czechia*
RESEARCH ASSISTANT                                             *Feb 2017 - Feb 2020*
- Department of Value Orientation in Society
- Projects: The cumulative effects of social disadvantage on health and the quality of life (2019-2021) & The reversal of gender gap in higher education and transformation of marriage markets and family relationships (2017-2019)

## **Res**earch and study visits

**University College London**                              *London, United Kingdom*
INSTITUTE OF EDUCATION                                         *Sept 2021 - June 2022*
- Supported by Anglo-Czech Educational Fund

**University of Ljubljana**                                     *Ljubljana, Slovenia*
SOCIAL INFORMATICS, FACULTY OF SOCIAL SCIENCES                      *Oct 2017 - Feb 2018*
- Supported by Erasmus

## **Edu**cation

**Charles University**                                          *Prague, Czechia*
PHD IN SOCIOLOGY                                                  *2018 - 2024*

**Charles University**                                          *Prague, Czechia*
MASTER'S DEGREE IN SOCIOLOGY                                        *2016 - 2018*

**Charles University**                                          *Prague, Czechia*
BACHELOR'S DEGREE IN SOCIOLOGY                                      *2013 - 2016*

## Additional Education (selected)

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|---|---|---|
| 2024 | **The Carpentries Instructor Certification**, Achieved certification to lead The Carpentries workshops teaching foundational coding and data science skills to researchers worldwide. | *Online* |
| 2024 | **GESIS Fall Seminar in Computational Social Science**, Agent Based Computing Models | *Mannheim, Germany* |
| 2021 | **GESIS Fall Seminar in Computational Social Science**, Introduction to Computational Social Science with Applications in R, Automated Web Data Collection with R | *Online* |
| 2021 | **Summer Institute in Computational Social Sciences**, University College London location | *Online* |
| 2019 | **University of West Bohemia**, Online experiments in nodegame | *Pilsen, Czechia* |
| 2019 | **ECPR Summer School**, Causal Inference in the Social Sciences I: Randomized controlled trials and matched designs | *Budapest, Hungary* |
| 2019 | **ECSR Spring School**, New and Old Data: Cutting-edge Approaches to Quantitative Social Research | *Turin, Italy* |

## Publications

**Topinkova, R.**, & Diviak, T. (2024). It Takes Two to Tango: A directed two-mode network approach to desirability on a mobile dating app. SocArXiv. https://doi.org/10.31235/osf.io/wqau2 (currently R&R in PLOS ONE)

del Rio-Chanona, R. M., Hermida-Carrillo, A., Sepahpour-Fard, M., Sun, L., **Topinkova, R.**, & Nedelkoska, L. (2023). Mental health concerns precede quits: shifts in the work discourse during the Covid-19 pandemic and great resignation. EPJ Data Science 12(49). https://doi.org/10.1140/epjds/s13688-023-00417-2

Raudenská, P., & **Topinková, R.** (2023). The #scicomm phenomenon: Using and analysing big data to track science communication on Czech research institutional websites. Czech Sociological Review 59(4). 387-415. https://doi.org/10.13060/csr.2023.004

Šetinová, M. & **Topinková, R. (2021)**. Partner preference and age: Real-user mating behavior in online dating. Journal of Family Research, 33(3). 566-591. https://doi.org/10.20377/jfr-540

Klímová Chaloupková, J., **Topinková, R.** & Šetinová, M. (2021). Partner Selection Across the Life-Course: Age Variation in Partner Preferences in the Czech Republic. Sociological Research Online, 26 (4). 889-907. https://doi.org/10.1177/1360780421992378.

**Topinková, R.**, & Šetinová, M. (2020). Age Homophily on a Czech Online Dating App. Sociologický časopis/Czech Sociological Review, 56(4), 447–470. https://doi.org/10.13060/csr.2020.014 [in Czech]

Hamplová, D., Chaloupková Klímová, J., & **Topinková, R.** (2019). More Money, Less Housework? Relative Resources and Housework in the Czech Republic. Journal of Family Issues, 40(18), 2823-2848. https://doi.org/10.1177/0192513X19864988

**Topinková, R.** (2018). Proč bychom si měli důvěřovat? In J. Pospíšilová & E. Krulichová (Ed.), Jak se žije Čechům v současné Evropě? (1st issue, p. 127–140). Praha: Academia: Sociologický ústav AV ČR. [in Czech]

Holubová, K., Mlynář, J., Javůrková, A., & **Topinková, R.** (2017). Nenápadný dokument o české sociologii: Periodikum AUC Philosophica et Historica – Studia Sociologica, jeho rysy a proměny. Naše Společnost, 15(2), 31–50. [in Czech]

## Conferences (selected)

Topinková, R. & Ruiz, T. (2024, November) Marketing Women's Reproductive Health on TikTok: An Exploratory Study Using Computational Methods. Seminar on Analytical Sociology: Theory and Empirical Applications. Venice, Italy.

Topinková, R. & Schwemmer, C. (2024, May). How (Not) To Fix Online Dating - An Empirical Assessment Using Computational and Experimental Methods. INAS 2024. Leipzig, Germany.

Topinková, R. & Schwemmer, C. (2023, November). How (Not) To Fix Online Dating - An Empirical Assessment Using Computational and Experimental Methods. Analytical Sociology: Theory and Empirical Applications. Venice, Italy.

Sepahpour-Fard, M., Hermida Carrillo, A., del Rio Chanona, M., Topinková, R., Sun, L., & Nedelkoska, L. (2022, July). Quitting during the Great Resignation - Changes in sentiment and narratives (poster). IC2S2. Chicago, USA.

Mlynář, J., Liesenfeld, A., Topinková, R., Stommel, W., de Rijk, L., & Albert, S. (2021, October). An artificial turn in social interaction research?. 6th Multimodality Day. Copenhagen, Denmark.

Topinkova, R., & Diviak, T. (2021, September). It Takes Two to Tango: Analyzing homophily on desirability in an online dating market. Paper presented at ECSR Annual Conference 2021. Online.

Topinkova, R., & Diviak, T. (2019, April). It Takes Two To Tango: Desirability on a mobile dating app. Paper presented at the ECSR 2019 spring school, Turin, Italy.

Hamplova, D., Topinkova, R., & Klimova Chaloupkova, J. (2018, October). More money, less housework? Relative resources and housework in the Czech Republic. Paper presented at the ECSR 2018 conference, Paris, France.

Hamplova, D., Topinkova, R., & Klimova Chaloupkova, J. (2018, August). Housework, education, and relative earnings: When do norms trump economic rationality? Paper presented at the 113th meeting of the American Sociological Association, Philadelphia, USA.

## Teaching

### Regular courses
LMU MUNICH
*Munich, Germany*
*2022 - present*
- Graphing the Social World: A Practical Guide to Data Visualization (2024 - )
- Sociology of Partnerships (2023 - )
- Research Practicum in Computational Social Science (2022 - )

### Past courses
CHARLES UNIVERSITY
*Prague, Czechia*
*2019 - 2022*
- Processing Sociological Data (2019 – 2021)
- Sociology of the Family (2019)

### Guest lectures
CHARLES UNIVERSITY
*Prague, Czechia*
*2020 - 2023*
- Selected chapters from the data analysis (2022 & 2023, lecture on Web scraping with R)
- Sociology of Love (2020 & 2021, lecture on Online Dating)
- Introduction to Social Science Research Methodology (2020, lecture on Data visualization fallacies)

### Workshops & summer schools

10/2025   **Carpentries workshop in Shell, Git and R, LMU Munich,** Co-organizer, Lecturer
08/2023   **Summer Institutes in Computational Social Science,** Teaching assistant for the event (2-weeks)
06/2022   **University of Manchester, methods@manchester,** Data scraping workshop, lecturer

## Grants & Awards

2025   **LMU Postdoc support fund,** 2000 EUR
2024   **Best poster award (3rd place) at Seminar on Analytical Sociology: Theory and Empirical Applications.,**
2024   **LMU Postdoc support fund,** 2500 EUR
2021   **Charles University, SVV-ADAKIN,** 36 000 CZK aimed for experimental study data collection
2021   **SSRC/Summer Institutes in Computational Social Science Research Grant,** 2 244 USD, co-investigator
2021   **Summer Institute in Computational Social Science, London Partner Grant,** 1 800 USD, co-investigator
2020   **Anglo-Czech Educational Fund,** 11 700 GBP, travel/study grant
2020   **Grant Agency of the Charles University (GAUK),** 336 000 CZK, 2020-2021
2019   **Edvard Beneš award for best thesis in sociology and/or history,** 3rd place

## Skills

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|---|---|
| Advanced | R, Stata, SPSS |
| Basics | Javascript, HTML, CSS, Python, Jekyll, LaTeX, Git, Gephi, UCINET |
| Languages | Czech (native), English (fluent), Spanish (beginner), German (beginner) |

## Popularization

Interviews & commentaries for: Czech Television (ČT), Statistika&My, Věda pro každého, Hospodářské noviny, Lidové noviny, iDNES
Podcasts: Stopáž, Balanc - Moderní láska, Vital
Public lecture on Online dating at the Week of Science and Technology (2019)