

HAUKE LICHT

Computational Political Scientist

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Contact Information

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Contact

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🌐 hauke.licht.github.io

Current Position

Assistant Professor of Computational Political Science 08/2024 – present
University of Innsbruck, Department of Political Science & Digital Science Center *Innsbruck, Austria*

Previous Positions

Post-doctoral Researcher 01/2022 – 07/2024
University of Cologne, Cologne Center for Comparative Politics *Cologne, Germany*

- researcher in Prof. Sven-Oliver Proksch's ERC-funded MINORITYRULE project with focus on work package on political polarization under minority governments
- associated member of the "ECONtribute: Markets & Public Policy" Cluster of Excellence of the universities of Cologne and Bonn


Doctoral researcher 05/2018 – 12/2021
University of Zurich, Department of Political Science *Zurich, Switzerland*




- Doctoral Program Political Science
- committee: Tarik Abou-Chadi (supervisor), Jonathan Slapin, and Sven-Oliver Proksch
- thesis: "Harnessing large, diverse, and multilingual text data in party competition research"
- defended on January 26, 2022, with *summa cum laude*

Publications


Hauke Licht and Ronja Sczepanski. 2024. **Detecting Group Mentions in Political Rhetoric: A Supervised Learning Approach**. *The British Journal of Political Science* (conditionally accepted). 

Hauke Licht, Tarik Abou-Chadi, Pablo Barberá, and Whitney Hua. 2024. **Measuring and understanding parties' anti-elite strategies**. *The Journal of Politics* (forthcoming). DOI:10.1086/730711.  

Hauke Licht and Fabienne Lind. 2023. **Going cross-lingual: A guide to multilingual quantitative text analysis**. *Computational Communication Research*, 5(2), 1-31. DOI:10.5117/CCR2023.2.2.LICH. 

Hauke Licht. 2023. **Cross-lingual classification of political texts using multilingual sentence embeddings**. *Political Analysis*, 31(3), 366-379. DOI:10.1017/pan.2022.29.   

Working Papers

Hauke Licht, Ronja Sczepanski, Moritz Laurer, and Ayjeren Bekmuratovna. **No more cost in translation: Validating open-source machine translation for quantitative text analysis.** under review. 

Hauke Licht, Alexander Hoyle, Rupak Sarkar, Pranav Goel, Niklas Stoehr, and Patrick Wu. **Scoring political texts by automating pairwise comparison with transformers.** (available on request).

Awards

PolMeth Europe Best Poster Award for Innovative Data Science (300 EUR) 06/2022
 awarded by the European Society for Political Methodology for the poster
 “Who are you talking to? Automated measurement of group appeals in political texts”
 sponsored by the Hertie School Data Science Lab
 with *Ronja Sczepanski (ETH Zurich)*

Grants

Selten Seeding Grant (500 EUR) 01/2024 – 03/2024
 awarded by the “ECONtribute: Markets & Public Policy” Cluster of Excellence

Selten Seeding Grant & LMU Munich Postdoc Funding (4,800 EUR) 01/2024 – 12/2024
 awarded by the “ECONtribute: Markets & Public Policy” Cluster of Excellence
 and LMU Munich, Faculty for Social Science
 with *Leonce Röth (LMU Munich)*

Selten Seeding Grant (5,000 EUR) 10/2022 – 01/2023
 awarded by the “ECONtribute: Markets & Public Policy” Cluster of Excellence
 with *Ronja Sczepanski (ETH Zurich)*

CIS Collaboration Grant (2,930 CHF) 05/2021 – 10/2021
 awarded by the Center for Comparative and International Studies of
 the University of Zurich and the ETH Zurich
 with *Ronja Sczepanski (ETH Zurich)*

Conference Participation

American Political Science Association	2024, 2023, 2021, 2019
European Political Science Association	2024, 2023, 2022, 2021
Conference on the Quantitative and Computational Analysis of Textual Data (COMPTTEXT)	2024, 2023, 2022
Conference on New Directions in Analyzing Text as Data (TADA)	2021
ECPR Joint Sessions of Workshops	2023
PolMeth Europe	2022, 2021
Swiss Political Science Association	2021, 2020

Invited Talks

University of Duisburg-Essen 01/06/2023
 Empirical Political Science Working Group *Dusseldorf, Germany*

GESIS Leibniz Institute for the Social Sciences 18/01/2023
 Knowledge Technologies for the Social Sciences Colloquium *Cologne, Germany*

Text-as-Data Reading Group Text-as-Data Reading Group Speaker Series	13/12/2022 online
University of Gothenburg Research Seminar of the Party Research Group	29/11/2022 <i>Gothenburg, Sweden</i>

Teaching

Data Management II Minor "Digital Science", University of Innsbruck <i>co-taught with Reto Stauffer and Joanna Chimiak-Opoka (University of Innsbruck)</i>	10/2024 – 01/2025 <i>Innsbruck, Austria</i>
Introduction to R programming Minor "Digital Science", University of Innsbruck <i>co-taught with Francesca Finotelle (University of Innsbruck)</i>	10/2024 – 01/2025 <i>Innsbruck, Austria</i>
From Embeddings to LLMs: Advanced Text Analysis with Python GESIS Fall Seminar in Computational Social Science 2023 <i>co-taught with Lisa Wierer-Lechner (University of Innsbruck)</i>	09/2024 <i>Mannheim, Germany</i>
Hands-on text coding with Large Language Models for social scientists in R University of Cologne, Center for Comparative Politics	06/2024 <i>Cologne, Germany</i>
Hands-on text coding with Large Language Models for social scientists Max-Planck Institute for the Study of Societies	02/2024 <i>Cologne, Germany</i>
Comparative perspectives on elite rhetoric and democratic competition University of Cologne, MA Political Science	10/2023 – 01/2024 <i>Cologne, Germany</i>
Going Cross-Lingual: Computational Methods for Multilingual Text Analysis GESIS Training Workshop <i>co-taught with Fabienne Lind (University of Vienna)</i>	12/2023 <i>Cologne, Germany</i>
From Embeddings to Transformers: Advanced Text Analysis with Python GESIS Fall Seminar in Computational Social Science 2023 <i>co-taught with Jennifer Scurrall (ETH Zurich)</i>	09/2023 <i>Mannheim, Germany</i>
Automated Web Data Collection with R GESIS Fall Seminar in Computational Social Science 2023 <i>co-taught with Allison Koh (Hertie School Berlin)</i>	09/2023 <i>Mannheim, Germany</i>
Big Data: Collecting Web Data with R MethodsNET 2023 Summer School in Social Research Methods	06/2023 <i>Nijmegen, Netherlands</i>
Automated Web Data Collection GESIS Fall Seminar in Computational Social Science 2022 <i>co-taught with Theresa Gessler (European University Viadrina)</i>	09/2022 <i>Mannheim, Germany</i>
Collecting Web Data with R MethodsNET 2022 Summer School in Social Research Methods	06/2022 <i>Nijmegen, Netherlands</i>
Multilingual Supervised Text Classification 4 th Annual COMPTTEXT Conference 2022 <i>pre-conference workshop</i>	05/2022 <i>Dublin, Ireland</i>

Automated Web Data Collection	09/2021
GESIS Fall Seminar in Computational Social Science 2021 <i>co-taught with Theresa Gessler (European University Viadrina)</i>	online
Tutor to the lecture “Theories and Systems”	03/2019 – 05/2020
University of Zurich, Department of Political Science	Zurich, Switzerland
Tutor to the lectures Statistics I and II	10/2012 – 10/2013
Humboldt University Berlin, Chair of Empirical Social Research	Berlin, Germany

Education

Doctoral Program Political Science	05/2018 – 03/2022
University of Zurich	Zurich, Switzerland
· committee: Tarik Abou-Chadi (supervisor), Jonathan Slapin, and Sven-Oliver Proksch	
· thesis title: “Harnessing large, diverse, and multilingual text data in party competition research”	
· defended on January 26, 2022, with <i>summa cum laude</i>	
M.A. International Relations	10/2014 – 04/2018
Freie Universität Berlin, Humboldt University Berlin, University of Potsdam	Berlin, Germany
Visiting student, Graduate Studies in Political Science	08/2015 – 05/2016
Duke University	Durham, NC, USA
B.A. Social Sciences	09/2011 – 09/2014
Humboldt University Berlin	Berlin, Germany
ERASMUS student, B.A. Peace and Development Studies	09/2013 – 01/2014
Uppsala University	Uppsala, Sweden

Visiting stays

Visiting Researcher with the Law, Economics, and Data Science group	07/2023 – 08/2023
ETH Zurich, <i>hosted by Elliott Ash</i>	Zurich, Switzerland
Visiting Ph.D. Researcher with the Data Science Lab group	09/2020 – 12/2020
Hertie School of Governance <i>hosted by Slava Jankin</i>	Berlin, Germany

Supervision and mentoring

Master theses (second reader)	2023 (3), 2022 (1)
Research assistant supervision	2023 (6), 2022 (4), 2021 (1), 2020 (2)

Reviewer Activity

Political Analysis, Journal of Computational Social Science, European Political Science Review, Legislative Studies Quarterly, Electoral Studies, Computational Communication Research, Journal of Elections, Public Opinion and Parties, Western European Politics, Regulation & Governance, Workshops on Computational Linguistics for Political Text Analysis (in 2022 & 2024)

Other Professional Experiences

Data Analyst German Social Democratic Party, Federal Party Executive <i>Section for Databased Campaigning/Analytics</i>	03/2017 – 09/2017 <i>Berlin, Germany</i>
Student Assistant German Social Democratic Party, Federal Party Executive <i>Section for Databased Campaigning/Analytics</i>	08/2016 – 03/2017 <i>Berlin, Germany</i>
Research Assistant Humboldt University Berlin, Chair of Comparative Politics <i>NORFACE project “The Paradox of Health Care Futures HEALTHDOX”</i>	05/2015 – 10/2016 <i>Berlin, Germany</i>
Research Assistant Humboldt University Berlin, Chair of Comparative Politics <i>DFG project “The Impact of Electoral Vulnerability on Institutional Change”</i>	02/2014 – 10/2016 <i>Berlin, Germany</i>

Languages

Languages	German (native), English (fluent)
Programming Languages	R, Python, bash/shell, SQL, JavaScript/ReactJS, Stata, LaTeX