

HAUKE LICHT

Computational Political Scientist

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Contact Information

Address

University of Cologne
Cologne Center for Comparative Politics
Herbert-Lewin Straße, Room 3.44a
D-50931 Cologne

Contact

✉ hauke.licht@wiso.uni-koeln.de
☎ +49 176 4738 10 64
🐦 [hauke_licht](https://twitter.com/hauke_licht)
🌐 haukelicht.github.io

Current Position

Post-doctoral Researcher

University of Cologne, Cologne Center for Comparative Politics

01/2022 – present

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

Education

Doctoral Program Political Science

University of Zurich

05/2018 – 03/2022

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 *summa cum laude*

M.A. International Relations

Freie Universität Berlin, Humboldt University Berlin, University of Potsdam

10/2014 – 04/2018

Berlin, Germany

Visiting student, Graduate Studies in Political Science

Duke University

08/2015 – 05/2016

Durham, NC, USA

B.A. Social Sciences

Humboldt University Berlin

09/2011 – 09/2014

Berlin, Germany

ERASMUS student, B.A. Peace and Development Studies

Uppsala University

09/2013 – 01/2014

Uppsala, Sweden

Visiting stays

Visiting Researcher with the Law, Economics, and Data Science group

ETH Zurich,

hosted by Elliott Ash

07/2023 – 08/2023

Zurich, Switzerland

Visiting Ph.D. Researcher with the Data Science Lab group



Hertie School of Governance


hosted by Slava Jankin




09/2020 – 12/2020

Berlin, Germany


Publications


Hauke Licht, Tarik Abou-Chadi, Pablo Barberá, and Whitney Hua. 2024. **Measuring and understanding parties' anti-elite strategies**. *The Journal of Politics* (forthcoming). doi:10.31219/osf.io/zchpx.  


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 and Ronja Sczepanski. **Who are they talking about? Detecting mentions of social groups in political texts with supervised learning**. submitted for peer review. 

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

Mitchell Bosley, Musashi Jacobs-Harukawa, *Hauke Licht*, and Alexander Hoyle. **Do we still need BERT in the age of GPT? Comparing the benefits of domain-adaptation and in-context-learning approaches to using LLMs for political science research**. 

Hauke Licht. **Does how it sounds matter? Measuring expressed emotions in political speech combining text and audio**.

Hauke Licht and Sven-Oliver Proksch. **Polarized, but how? Positional and non-positional foundations of polarization in parliamentary speech**.

Jens Wäckerle and *Hauke Licht*. **How public opinion polarisation shapes conflict in international negotiations: Evidence from debates in the Council of the European Union**.

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 Szczepanski (ETH Zurich)

Conference Participation

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

Invited Talks

University of Duisburg-Essen Empirical Political Science Working Group	01/06/2023 <i>Dusseldorf, Germany</i>
GESIS Leibniz Institute for the Social Sciences Knowledge Technologies for the Social Sciences Colloquium	18/01/2023 <i>Cologne, Germany</i>
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

Hands-on text coding with Large Language Models for social scientists ^{*planned} 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 Mannheim, Germany
Collecting Web Data with R MethodsNET 2022 Summer School in Social Research Methods	06/2022 Nijmegen, Netherlands
Multilingual Supervised Text Classification 4 th Annual COMPTTEXT Conference 2022 <i>pre-conference workshop</i>	05/2022 Dublin, Ireland
Automated Web Data Collection GESIS Fall Seminar in Computational Social Science 2021 <i>co-taught with Theresa Gessler (European University Viadrina)</i>	09/2021 online
Tutor to the lecture “Theories and Systems” University of Zurich, Department of Political Science	03/2019 – 05/2020 Zurich, Switzerland
Tutor to the lectures Statistics I and II Humboldt University Berlin, Chair of Empirical Social Research	10/2012 – 10/2013 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, Regulation & Governance, 2nd Workshop on Computational Linguistics for Political Text Analysis (CPSS-2022)

Other Professional Experiences

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

Languages

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

Academic References

Sven-Oliver Proksch — so.proksch@uni-koeln.de
University of Cologne, Cologne Center for Comparative Politics

Tarik Abou-Chadi — tarik.abouchadi@nuffield.ox.ac.uk
University of Oxford, Nuffield College

Jonathan B. Slapin — slapin@uzh.ch
Department of Political Science, University of Zurich

Pablo Barberá — pbarbera@usc.edu
University of Southern California, Department of Political Science and International Relations

Elliott Ash — ashe@ethz.ch
ETH Zurich, Center for Law & Economics