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
🌐 haukelicht.github.io

Current Position

Post-doctoral Researcher 01/2022 – present
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

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 *summa cum laude*

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, *Zurich, Switzerland*
hosted by Elliott Ash

Visiting Ph.D. Researcher with the Data Science Lab group 09/2020 – 12/2020
Hertie School of Governance *Berlin, Germany*
hosted by Slava Jankin

Publications

Hauke Licht, Tarik Abou-Chadi, Pablo Barberá, and Whitney Hua. 2023. **Measuring and understanding parties' anti-elite strategies**. *The Journal of Politics* (conditionally accept). 🄿

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 Sczepanksi. **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**. under (single-blind) review at *Political Analysis*. 🄿

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**.

Hauke Licht, Julia Maynard, Maria Fanou, Nicole Baerg, Panos Kapotas, Kushtrim Istrefi, Jonathan Slapin, Denise Traber, Vassilis Tzevelekos. **Decision-making in the European Court of Human Rights: Quantifying the European Consensus method**.

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	2023, 2021, 2019
Conference on the Quantitative and Computational Analysis of Textual Data (COMPTEXT)	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   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   13/12/2022
Text-as-Data Reading Group Speaker Series   *online*

University of Gothenburg   29/11/2022
Research Seminar of the Party Research Group   *Gothenburg, Sweden*

Teaching

Hands-on text coding with Large Language Models for social scientists [*planned]   02/2024
Max-Plank Institute for the Study of Societies   *Cologne, Germany*

Comparative perspectives on elite rhetoric and democratic competition   10/2023 – 01/2024
University of Cologne, MA Political Science   *Cologne, Germany*

Going Cross-Lingual: Computational Methods for Multilingual Text Analysis   12/2023
GESIS Training Workshop   *Cologne, Germany*
co-taught with Fabienne Lind (University of Vienna)

From Embeddings to Transformers: Advanced Text Analysis with Python   09/2023
GESIS Fall Seminar in Computational Social Science 2023   *Mannheim, Germany*
co-taught with Jennifer Scurrell (ETH Zurich)

Automated Web Data Collection with R   09/2023
GESIS Fall Seminar in Computational Social Science 2023   *Mannheim, Germany*
co-taught with Allison Koh (Hertie School Berlin)

Big Data: Collecting Web Data with R — 06/2023
MethodsNET 2023 Summer School in Social Research Methods — *Nijmegen, Netherlands*

Automated Web Data Collection — 09/2022
GESIS Fall Seminar in Computational Social Science 2022 — *Mannheim, Germany*
co-taught with Theresa Gessler (European University Viadrina)

Collecting Web Data with R — 06/2022
MethodsNET 2022 Summer School in Social Research Methods — *Nijmegen, Netherlands*

Multilingual Supervised Text Classification — 05/2022
4th Annual COMPTEXT Conference 2022 — *Dublin, Ireland*
pre-conference workshop

Automated Web Data Collection — 09/2021
GESIS Fall Seminar in Computational Social Science 2021 — online
co-taught with Theresa Gessler (European University Viadrina)

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*

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 — 03/2017 – 09/2017
German Social Democratic Party, Federal Party Executive — *Berlin, Germany*
Section for Databased Campaigning/Analytics

Student Assistant — 08/2016 – 03/2017
German Social Democratic Party, Federal Party Executive — *Berlin, Germany*
Section for Databased Campaigning/Analytics

Research Assistant — 05/2015 – 10/2016
Humboldt University Berlin, Chair of Comparative Politics — *Berlin, Germany*
NORFACE project "The Paradox of Health Care Futures HEALTHDOX"

Research Assistant — 02/2014 – 10/2016
Humboldt University Berlin, Chair of Comparative Politics — *Berlin, Germany*
DFG project "The Impact of Electoral Vulnerability on Institutional Change"

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