

# HAUKE LICHT

## Computational Political Scientist

Last update: March 12, 2024

### Contact Information

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#### Address

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

#### Contact

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### Current Position

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#### 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

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#### 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

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#### 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

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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

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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**. under 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

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**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

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**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**


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

**Invited Talks**


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<b>University of Duisburg-Essen</b>	01/06/2023
Empirical Political Science Working Group	<i>Dusseldorf, Germany</i>
<b>GESIS Leibniz Institute for the Social Sciences</b>	18/01/2023
Knowledge Technologies for the Social Sciences Colloquium	<i>Cologne, Germany</i>
<b>Text-as-Data Reading Group</b>	13/12/2022
Text-as-Data Reading Group Speaker Series	online
<b>University of Gothenburg</b>	29/11/2022
Research Seminar of the Party Research Group	<i>Gothenburg, Sweden</i>

**Teaching**


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<b>Hands-on text coding with Large Language Models for social scientists</b> <sup>*planned</sup>	02/2024
Max-Planck Institute for the Study of Societies	<i>Cologne, Germany</i>
<b>Comparative perspectives on elite rhetoric and democratic competition</b>	10/2023 – 01/2024
University of Cologne, MA Political Science	<i>Cologne, Germany</i>
<b>Going Cross-Lingual: Computational Methods for Multilingual Text Analysis</b>	12/2023
GESIS Training Workshop	<i>Cologne, Germany</i>
<i>co-taught with Fabienne Lind (University of Vienna)</i>	
<b>From Embeddings to Transformers: Advanced Text Analysis with Python</b>	09/2023
GESIS Fall Seminar in Computational Social Science 2023	<i>Mannheim, Germany</i>
<i>co-taught with Jennifer Scurrall (ETH Zurich)</i>	
<b>Automated Web Data Collection with R</b>	09/2023
GESIS Fall Seminar in Computational Social Science 2023	<i>Mannheim, Germany</i>
<i>co-taught with Allison Koh (Hertie School Berlin)</i>	
<b>Big Data: Collecting Web Data with R</b>	06/2023
MethodsNET 2023 Summer School in Social Research Methods	<i>Nijmegen, Netherlands</i>

**Automated Web Data Collection**

GESIS Fall Seminar in Computational Social Science 2022  
co-taught with Theresa Gessler (European University Viadrina)

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<sup>th</sup> Annual COMPTTEXT Conference 2022  
pre-conference workshop

05/2022

Dublin, Ireland

**Automated Web Data Collection**

GESIS Fall Seminar in Computational Social Science 2021  
co-taught with Theresa Gessler (European University Viadrina)

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, 2<sup>nd</sup> Workshop on Computational Linguistics for Political Text Analysis (CPSS-2022)*

**Other Professional Experiences****Data Analyst**

German Social Democratic Party, Federal Party Executive  
Section for Databased Campaigning/Analytics

03/2017 – 09/2017

Berlin, Germany

**Student Assistant**

German Social Democratic Party, Federal Party Executive  
Section for Databased Campaigning/Analytics

08/2016 – 03/2017

Berlin, Germany

**Research Assistant**

Humboldt University Berlin, Chair of Comparative Politics  
NORFACE project “The Paradox of Health Care Futures HEALTHDOX”

05/2015 – 10/2016

Berlin, Germany

**Research Assistant**

Humboldt University Berlin, Chair of Comparative Politics  
DFG project “The Impact of Electoral Vulnerability on Institutional Change”

02/2014 – 10/2016

Berlin, Germany

## Languages

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

## Academic References

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**Sven-Oliver Proksch** — [so.proksch@uni-koeln.de](mailto:so.proksch@uni-koeln.de)

University of Cologne, Cologne Center for Comparative Politics

**Tarik Abou-Chadi** — [tarik.abouchadi@nuffield.ox.ac.uk](mailto:tarik.abouchadi@nuffield.ox.ac.uk)

University of Oxford, Nuffield College

**Jonathan B. Slapin** — [slapin@uzh.ch](mailto:slapin@uzh.ch)

Department of Political Science, University of Zurich

**Pablo Barberá** — [pbarbera@usc.edu](mailto:pbarbera@usc.edu)

University of Southern California, Department of Political Science and International Relations

**Elliott Ash** — [ashe@ethz.ch](mailto:ashe@ethz.ch)

ETH Zurich, Center for Law & Economics