

# HAUKE LICHT

## Computational Political Scientist

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### 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

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

### Current Position

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#### 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

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#### 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*

#### Visiting Ph.D. Researcher

09/2020 – 12/2020

Hertie School of Governance

Berlin, Germany

#### 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

### Publications

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Hauke Licht. 2023. **Cross-lingual classification of political texts using multilingual sentence embeddings.** *Political Analysis*, 1-14 (January 26, 2023). doi:10.1017/pan.2022.29.    

Hauke Licht and Fabienne Lind. 2023. **Going cross-lingual: A guide to multilingual quantitative text analysis.** *Computational Communication Research*, forthcoming. 

## Working Papers

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*Hauke Licht*, Tarik Abou-Chadi, Pablo Barberá, and Whitney Hua. **Measuring and understanding parties' anti-elite strategies.** R&R at *The Journal of Politics*.

*Hauke Licht* and Ronja Sczepanski. **Who are they talking about? Detecting mentions of social groups in political texts with supervised learning.** under review.

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

*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.**

## Work in Progress

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**Does how it's said matter? Measuring expressed emotions in political speech combining text and audio**

**PolBERT: A suite of pre-trained large language models for political science research** with Mitchell Bosley, Alexander Hoyle, Musashi Jacobs-Harukawa, and Patrick Wu

## 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** (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

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

## Teaching

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<b>Elite rhetoric and democratic competition</b> *planned University of Cologne, MA Political Science	10/2023 - 01/2024 <i>Cologne, Germany</i>
<b>Going Cross-Lingual: Computational Methods for Multilingual Text Analysis</b> *planned GESIS Training Workshop <i>co-taught with Fabienne Lind (University of Vienna)</i>	12/2023 <i>Mannheim, Cologne</i>
<b>From Embeddings to Transformers: Advanced Text Analysis with Python</b> *planned GESIS Fall Seminar in Computational Social Science 2023 <i>co-taught with Jennifer Scurrall (ETH Zurich)</i>	09/2023 <i>Mannheim, Germany</i>
<b>Automated Web Data Collection with R</b> *planned GESIS Fall Seminar in Computational Social Science 2023 <i>co-taught with Allison Koh (Hertie School Berlin)</i>	09/2023 <i>Mannheim, Germany</i>
<b>Big Data: Collecting Web Data with R</b> MethodsNET 2023 Summer School in Social Research Methods	06/2023 <i>Nijmegen, Netherlands</i>
<b>Automated Web Data Collection</b> GESIS Fall Seminar in Computational Social Science 2022 <i>co-taught with Theresa Gessler (European University Viadrina)</i>	09/2022 <i>Mannheim, Germany</i>
<b>Collecting Web Data with R</b> MethodsNET 2022 Summer School in Social Research Methods	06/2022 <i>Nijmegen, Netherlands</i>
<b>Multilingual Supervised Text Classification</b> 4 <sup>th</sup> Annual COMPTXT Conference 2022 <i>pre-conference workshop</i>	05/2022 <i>Dublin, Ireland</i>

**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

**Reviewer Activity**

*Political Analysis, Journal of Computational Social Science, European Political Science Review, Legislative Studies Quarterly, Electoral Studies, 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****Languages**

German (native), English (fluent)

**Programming Languages**

R, Python, SQL, shell/bash, JavaScript/ReactJS (novice)

**Academic References**

**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