

## CURRICULUM VITAE

# JOHANNES B. GRUBER

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## EMPLOYMENT

- Jul. 2021—**current**: **Post-Doc Researcher** at the Chair of Political Theory and Digital Democracy, European New School of Digital Studies (ENS), European University Viadrina Foundation Frankfurt (Oder).
- Nov. 2015—Jun. 2021: Public Relations Officer at Heinrich-Böll-Stiftung Hessen e.V. (Niddastr. 64; 60329 Frankfurt/Main). Roles: Student Assistant, Research Assistant (Wissenschaftliche Hilfskraft; since 2020). Work included: managing website, creating and managing social media channels (Facebook, Twitter, Instagram, YouTube), planning and realisation of digital political education events.
- Sep. 2020—Nov. 2020: Technical director Symposium “Politische Dimensionen kultureller Bildung” (Political Dimensions of Cultural Education) at Jewish Museum Frankfurt. Work included: planning and implementation of video conferences between panellists as well as broadcasting the online symposium to participants.
- Dec. 2017—May. 2018: Research Assistant for Dr. Philip Leifeld at the University of Glasgow. Development and documentation of Discourse Network Analyzer (DNA) and its companion R package rDNA.
- Sep. 2016—Nov. 2016: Freelance Researcher for Prof. Dr. Daniela Grunow, Faculty of Social Sciences Goethe-University.  
Project: “THE APPARENT PROJECT. International and national studies of norms and gender division of work at the life course transition to parenthood”  
Role: creating a newspaper article dataset on parenthood depictions in *The Guardian*
- Mar. 2015—Dec. 2016: Research Assistant for Dr. Iñaki Sagarzazu and Dr. Ana Inés Langer at the University of Glasgow.  
Project: “Personalisation of UK politics in the media”.  
Work included: downloading, parsing and cleaning newspaper articles about UK cabinet members in Westminster parliament from 1992 to 2015.
- Nov. 2015—Sep. 2016: Freelance Researcher for Dr. Patrick Sachweh at Goethe-University Frankfurt, Department of Sociology.  
Project: “Comparative media analysis (US/GER) The One Percent during and after the global economic and financial crisis”.  
Work included: designing and conducting a comparative study on German and US media coverage of extreme wealth.

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## EDUCATION

- Sep. 2016—Jul. 2021      PhD in Politics (Funded by College of Social Sciences Scholarship).  
University of Glasgow, School of Social and Political Sciences.  
Thesis title: “Troublemakers in the streets? A framing analysis of newspaper coverage of protests in the UK 1992-2017”.  
Supervisors: Dr. Ana Inés Langer, Dr. Sergi Pardos-Prado & Dr. Brian Fogarty.
- Sep. 2014—Sep. 2015:      MSc Political Communication, University of Glasgow.  
Dissertation: “Media coverage and public opinion towards protests. A case study of media frames in the coverage of the protests against Stuttgart 21, testing supervised machine learning for content analysis of frames”.  
Classification: With Distinction
- Oct. 2012—Jun. 2017:      MA Political Theory, Goethe University of Frankfurt/Main & TU Darmstadt.  
Thesis: “The 1% in the news. Critique and justifications of income and wealth concentration in German and US news media during and after the global financial crisis”.  
Classification: Very Good (1,3)
- Oct. 2009—Sep.2012:      BA Political Science; Economics and Economic Studies in History, RWTH Aachen-University.  
Bachelor Thesis: “Social acceptance of (major) projects in the German public sphere”.  
Classification: Very Good (1,5)

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## PUBLICATIONS

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- Gruber, Johannes B.** (2022). Troublemakers in the Streets? A Framing Analysis of Newspaper Coverage of Protests in the UK 1992-2017. *The International Journal of Press/Politics*. <https://doi.org/10.1177/19401612221102058>.
- Gruber, Johannes B.** (2021). *Troublemakers in the Streets? A Framing Analysis of Newspaper Coverage of Protests in the UK 1992-2017*. <https://doi.org/10.5525/gla.thesis.82346>.
- Langer, A. I. and **Gruber, Johannes B.** (2020). Political Agenda Setting in the Hybrid Media System. why Legacy Media Still Matter a Great Deal. *The International Journal of Press/Politics*. <https://journals.sagepub.com/doi/10.1177/1940161220925023>.
- Leifeld, P., **Gruber, Johannes B.**, and Bossner, F. R. (2018). *Discourse Network Analyzer Manual*. <https://github.com/leifeld/dna/releases/download/v2.0-beta.24/dna-manual.pdf>.

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## SOFTWARE

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- Gruber, Johannes B.** (2022a). *rwatsapp*. An R package for working with WhatsApp data. R package version 0.2.4. <https://github.com/JBGruber/rwatsapp>.
- Gruber, Johannes B.** (2022b). *traktok*. An R package to scrape data from TikTok. R package version 0.0.1.9000. <https://github.com/JBGruber/traktok>.
- Gruber, Johannes B.** (2022c). *paperboy*. A comprehensive collection of news media scrapers. R package version 0.0.1.9000. <https://github.com/JBGruber/paperboy>.
- Benoit, K., Watanabe, K., Wang, H., Perry, P. O., Lauderdale, B., **Gruber, Johannes B.**, and Lowe, W. (2022). *quanteda.textmodels: Scaling Models and Classifiers for Textual Data*. R package version 0.9.4. <https://github.com/quanteda/quanteda.textmodels>.

**Gruber, Johannes B.** (2021). *LexisNexisTools. An R package for working with newspaper data from 'LexisNexis'*. R package version 0.3.5. <https://github.com/JBGruber/LexisNexisTools>.

Leifeld, P., **Gruber, Johannes B.**, and Henrichsen, T. (2019). *rDNA. A Package to Control Discourse Network Analyzer from R*. University of Glasgow, School of Social and Political Sciences, Glasgow. R package version 2.1.18. <http://www.philipleifeld.com>.

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## AWARDS AND GRANTS

- Ninth Conference on New Directions in Analyzing Text as Data (TADA 2018) travel grant and registration fee waiver
- Text Learning Workshop at the LSE travel funding 2017
- University of Glasgow College of Social Sciences PGR experience fund 2017
- University of Glasgow College of Social Sciences PhD Scholarship 2016/17 (funding period: 2016 – 2020)
- Best Performance Prize, 2014 MSc/MRes in Political Communication
- Deans list Award, 2011 (best 3% of cohort Political Science)
- Deans list Award, 2010 (best 3% of cohort Political Science)

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## CONFERENCES AND TALKS

- 72nd Annual International Communication Association (ICA 2022) Conference, Paris, presentation *“Troublemakers in the Streets? A Framing Analysis of Newspaper Coverage of Protests in the UK 1992-2017”*.
- Third Annual COMPTTEXT Conference, online event (COMPTTEXT 2020), attendee only.
- European Consortium for Political Research 2019 General Conference (ECPR 2019), Wrocław, presentation *“Troublemakers in the streets? 26 years of UK newspaper coverage of protest”*.
- Fifth International Conference on Computational Social Science (IC<sup>2</sup>S<sup>2</sup> 2019), Amsterdam, presentation: *“Troublemakers in the streets? 26 years of UK newspaper coverage of protest”*.
- Ninth annual conference of the European Political Science Association (EPSA 2019), Belfast, presentation: *“Semi-automated Content Analysis of Media Frames”*.
- Quantitative Text Analysis Dublin (QTA-DUB 2019), Dublin, presentation: *“How to Analyse Media Reports of Protest? An Automated Content Analysis Approach”*.
- Invited talk “How to Analyse Media Reports (Fast)” at Mittelbaukolloquium, Goethe University of Frankfurt/Main, 13/06/2019.
- Ninth Conference on New Directions in Analyzing Text as Data (TADA 2018), Seattle, poster-presentation: *“Semi-automated Content Analysis of Media Frames”*.

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## TEACHING EXPERIENCE

- Introduction to Data Science with R for Social Scientists. European New School of Digital Studies (ENS). Summer Semester 2022
- Introduction to Political Communication. European New School of Digital Studies (ENS). Winter Semester 2021/22

- Introduction to Data Science with R for Social Scientists. European New School of Digital Studies (ENS). Winter Semester 2021/22
- Preparatory Colloquium for Master Students. European New School of Digital Studies (ENS). Winter Semester 2021/22
- Teaching Assistant, Scottish Graduate School of Social Science, course: “Quantitative Approaches to Linguistic and Textual Analysis and Data Visualisation Using R” by Dr. Stefan Müller (University College Dublin) and Dr. Theresa Gessler (University of Zürich). 4-18/11/2020
- Invited guest lecture in course “Automatisierte Inhaltsanalyse für Textdaten mit R” (Automated content analysis for text data with R), Goethe-University Frankfurt, topic: “Introduction to *LexisNexis-Tools*“. 29/05/2019.
- Teaching Assistant, ECPR Winter School, course: “Introduction to Discourse Network Analysis (DNA)” by Philip Leifeld (University of Glasgow). 22-23/02/2019.
- Tutor for Stata and MAXQDA at Goethe-University Frankfurt, Department of Social Sciences. 2013-2014.

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## TRAINING

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24.—25. Apr. 2017	Text Learning Workshop at the LSE, held by Prof. Ken Benoit, London
24. Mar. 2017	Supervised and Unsupervised Text Scaling, held by Prof. Jonathan Slapin, Glasgow
10. Mar. 2017	Similarity and Classification with Machine Learning for Political Texts, held by Dr. Nicole Rae Baerg, Glasgow
16. Nov. 2016	Text Analysis with R, held by Dr. Wouter van Atteveldt, Glasgow
20. Oct. 2016	Introduction to Text Analysis Using R, held by Prof. Ken Benoit, Glasgow

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## REFeree FOR JOURNALS

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- Media and Communication
- Politics and Governance
- Medien & Kommunikationswissenschaft (M&K)

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## SKILLS

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### Languages

- German (native), English (fluent)

### Programming/Statistical Software

- R, Python, Stata

### Markup languages

- Markdown,  $\text{\LaTeX}$ , HTML/CSS

### System administration

- Linux, Docker, virtual machines, cloud computing

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## RESEARCH INTERESTS

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Methodologically my main interest lies in the systematic analysis of text—mainly via automated content analysis and natural language processing methods. I predominantly use R for this and also started to develop several open-source software packages with functions that I use in my current research or I think will be interesting for future research projects.

My main empirical interest remains in political communication and especially in the topic of media coverage of protest events and their significance for political discourse in representative democracies. This topic is closely connected to my interest in media discourse as well as representation of dissent and demonstrations in the media.