

## Curriculum Vitae

# Johannes B. Gruber

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### Education

- Sep. 2016—current      University of Glasgow, School of Social and Political Sciences.  
PhD in Politics (Funded by College of Social Sciences Scholarship).  
Thesis title (preliminary): “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:      University of Glasgow, MSc Political Communication.  
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:      Goethe University of Frankfurt/Main & TU Darmstadt, MA Political Theory.  
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:      RWTH Aachen-University, BA Political Science; Economics and Economic Studies in History.  
Bachelor Thesis: “Social acceptance of (major) projects in the German public sphere”.  
Classification: Very Good (1,5)

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### Research Interests

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.

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## Employment

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- Sep. 2015—Current: Public Relations Officer at Heinrich-Böll-Stiftung Hessen e.V. (Niddastr. 64; 60329 Frankfurt/Main). Work includes: managing website, creating and managing social media channels (Facebook, Twitter, Instagram, YouTube), planning and realisation of digital political education events.
- 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
- 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"
- 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"

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## Teaching Experience

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- 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 *Lexis-NexisTools*. 29/05/2019
- Teaching Assistant, ECPR Winter School, course: Introduction to Discourse Network Analysis (*DNA*). 22-23/02/2019
- Tutor for Stata and MAXQDA at the Goethe-University Frankfurt, Department of Social Sciences. 2013-2014

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## Conferences and Talks

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- Third Annual COMPTTEXT Conference, online event (COMPTTEXT 2020)
- European Consortium for Political Research 2019 General Conference, Wrocław (ECPR 2019)
- Fifth International Conference on Computational Social Science (IC<sup>2</sup>S<sup>2</sup> 2019)
- Ninth annual conference of the European Political Science Association (EPSA 2019)
- Quantitative Text Analysis Dublin (QTA-DUB 2019)
- 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)

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## Awards and Grants

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- 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
- College of Social Sciences PGR experience fund 2017

- College of Social Sciences Scholarship 2016/17 (funding period: 2016 – 2020)
- Best Performance Prize, 2014 MSc/MRes in Political Communication
- Dean's list Award, 2011 (best 3% of cohort Political Science)
- Dean's list Award, 2010 (best 3% of cohort Political Science)

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## Workshops

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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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## Software and Publications

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Benoit, K., Watanabe, K., Wang, H., Müller, S., Perry, P. O., **Johannes B. Gruber**, Lauderdale, B., and Lowe, W. (2020). *quanteda.textmodels: Scaling Models and Classifiers for Textual Data*. R package version 0.9.2. <https://github.com/quanteda/quanteda.textmodels>.

Langer, A. I. and **Johannes B. Gruber** (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., **Johannes B. Gruber**, and Bossner, F. R. (2018). *Discourse Network Analyzer Manual*. <https://github.com/leifeld/dna/releases/download/v2.0-beta.24/dna-manual.pdf>.

Leifeld, P., **Johannes B. Gruber**, 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>.

**Johannes B. Gruber** (2020a). *LexisNexisTools. An R package for working with newspaper data from 'LexisNexis'*. R package version 0.3.1. <https://github.com/JBGruber/LexisNexisTools>.

**Johannes B. Gruber** (2020b). *rwatsapp. An R package for working with WhatsApp data*. R package version 0.2.2. <https://github.com/JBGruber/rwatsapp>.

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## Skills

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### Languages

- German (native), English (fluent)

### Computing Knowledge

- R, L<sup>A</sup>T<sub>E</sub>X, R Markdown, Git/GitHub, Stata, Python

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## Referee for Journals

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Politics and Governance