

# carstenschwemmer

computational social scientist

## about

22/02/1988

University of Bamberg  
Chair of Political  
Sociology  
Feldkirchenstr. 21  
96052 Bamberg,  
Germany

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carstenschwemmer.com

## languages

first language: german  
fluent: english  
basics: french

## software

LimeSurvey  
Latex  
Microsoft Office  
SPSS  
Stata

## programming

Python  
R

## coding projects

github://cschwem2er

## interests

computational social science, political sociology, ethnic minority studies, social media, social inequality, natural language processing, machine learning, network analysis

## education

since 2016	<b>Doctoral Studies</b> Thesis: Computational Methods for the Social Sciences Applications to the Study of Ethnic Minorities	University of Bamberg
2013-2015	<b>Master of Arts (grade: 1.2 - with honors)</b> Majoring in Sociology Specialization in Computational Methods	University of Bamberg
2009-2013	<b>Bachelor of Arts (grade: 1.8)</b> Majoring in Sociology	University of Bamberg
2003-2009	<b>German A-Levels</b>	Schiller Gymnasium Hof

## experience

since 2018	<b>Assistant Professor for Social Science Data Collection and Analysis (substitute)</b> Center for Data and Methods, University of Konstanz	Assistant Professor
2015 - 2018	<b>Lecturer for Methods of Political Sociology and Quantitative Text Analysis</b> Chair of Political Sociology, Bamberg	Research Associate
June 2018	<b>Academic Visitor at Nuffield College</b> University of Oxford	Visiting Scholar
2017-2018	<b>Teaching Assignment for Data Scraping</b> Humboldt University of Berlin	Associate Lecturer
2015-2018	<b>Teaching Assistant for Programming in the Social Sciences</b> ECPR Winter School, Bamberg	Teaching Assistant
2015-2017	<b>Project Pathways to Power: The Political Representation of Citizens of Immigrant Origin</b> Chair of Comparative Politics, Bamberg	Research Associate
2015	<b>Network Analysis, Programming</b> Chair of Business Informatics (Social Networks), Bamberg	Research Assistant
2015	<b>Tutor for Programming and Natural Language Processing</b> Chair of Sociology, Bamberg	Research Assistant
2015	<b>Tutor for Online Research Methods</b> Chair of Internet Sociology, Bamberg	Research Assistant
2014-2015	<b>Data Generation</b> DIW - German Institute for Economic Research, Berlin	Research Assistant

2011-2015	<b>Tutor for Data Analysis, Survey Administration</b> Chair of Empirical Social Research, Bamberg	Research Assistant
2011-2015	<b>Empirical Research, Questionnaire Design, Scientific Methods</b> Chair of Business Administration (HRM), Bamberg	Research Assistant
2010-2013	<b>Data Analysis, Cognitive Interviewing</b> Leibniz Institute for Educational Trajectories, Bamberg	Research Assistant & Internship

## publications

### articles in peer-reviewed journals

#### MPs' Principals and the Substantive Representation of Disadvantaged Immigrant Groups

Lucas Geese and Carsten Schwemmer

West European Politics (2019, Forthcoming)

DOI: [10.1080/01402382.2018.1560196](https://doi.org/10.1080/01402382.2018.1560196), URL: [https://www.carstenschwemmer.com/files/geese\\_schwemmer\\_wep\\_preprint.pdf](https://www.carstenschwemmer.com/files/geese_schwemmer_wep_preprint.pdf)

#### Social Media Sellout - The Increasing Role of Product Promotion on YouTube

Carsten Schwemmer and Sandra Ziewiecki

Social Media and Society (Aug. 2018)

DOI: [10.1177/2056305118786720](https://doi.org/10.1177/2056305118786720), URL: <https://osf.io/preprints/socarxiv/tskjb>

#### Ride with Me - Ethnic Discrimination, Social Markets and the Sharing Economy

Jasper Dag Tjaden, Carsten Schwemmer, and Menusch Khadjavi

European Sociological Review (July 2018)

DOI: [10.1093/esr/jcy024](https://doi.org/10.1093/esr/jcy024), URL: <https://osf.io/preprints/socarxiv/gefsx>

#### The Impact of Candidate Selection Rules and Electoral Vulnerability on Legislative Behavior in Comparative Perspective

Jorge M. Fernandes, Lucas Geese, and Carsten Schwemmer

European Journal of Political Research (Apr. 2018)

DOI: [10.1111/1475-6765.12281](https://doi.org/10.1111/1475-6765.12281), URL: <https://osf.io/preprints/socarxiv/ujgt7>

#### Xenophobia before and after the Paris 2015 Attacks. Evidence from a Natural Experiment

Sebastian Jungkunz, Marc Helbling, and Carsten Schwemmer

Ethnicities (Feb. 2018)

DOI: [10.1177/1468796818757264](https://doi.org/10.1177/1468796818757264), URL: <https://osf.io/preprints/socarxiv/eykw2>

#### Election proximity and representation focus in party-constrained environments

Jorge M. Fernandes, Cristina Leston-Bandeira, and Carsten Schwemmer

Party Politics (Feb. 2017)

DOI: [10.1177/1354068817689955](https://doi.org/10.1177/1354068817689955), URL: <https://osf.io/preprints/socarxiv/usfbd>

### articles in peer-reviewed conference proceedings

#### Terror Management and Twitter: The Case of the 2016 Berlin Terrorist Attack

Diana Fischer, Carsten Schwemmer, and Kai Fischbach

15th International Conference on Information Systems for Crisis Response and Management, May 2018

URL: <https://osf.io/preprints/socarxiv/964dc>

#### Content Reconstruction of Parliamentary Questions. Combining Metadata with an OCR Process

Fotios Fitsilis, Thomas Saalfeld, and Carsten Schwemmer

The 5th International Virtual Conference on Advanced Scientific Results, June 2017

DOI: [10.18638/scieconf.2017.5.1.448](https://doi.org/10.18638/scieconf.2017.5.1.448), URL: <http://scieconf.com/archive/?vid=1&aid=2&kid=90501-448>

### open source software

#### pathways: A Package for Exploring the Pathways Corpus

Carsten Schwemmer, 2018

URL: <https://cschwem2er.github.io/pathways>

facerec: An Interface for Face Recognition

Carsten Schwemmer, 2018

URL: <https://cschwem2er.github.io/facerec>

stminsights: A Shiny Application for Inspecting Structural Topic Models

Carsten Schwemmer, 2018

URL: <https://cschwem2er.github.io/stminsights>

## articles under review

The Methodological Divide of Sociology - Evidence From Two Decades of Journal Publications

Carsten Schwemmer and Oliver Wieczorek

URL: <https://osf.io/preprints/socarxiv/s59bp/>

Collective Sense-Making in Times of Crisis: Connecting Terror Management Theory with Twitter Reactions to the Berlin Terrorist Attack

Diana Fischer-Preßler, Carsten Schwemmer, and Kai Fischbach

Social Media Strategies of Right-Wing Movements - The Radicalization of Pegida

Carsten Schwemmer

URL: <https://osf.io/preprints/socarxiv/js73z>

## working papers

Media Bias Towards African-Americans Before and After the Charlottesville Rally - A Word Embeddings Approach

Julia Leschke and Carsten Schwemmer

The Politics of Social Media Images: Potentials and Biases of Image Recognition Algorithms for Studying Congressional Behavior

Carsten Schwemmer, Emily Bello-Pardo, Carly Knight, Jeff Lockhart, Stan Oklobdzija, Iacopo Pozzana, and Schoonvelde

URL: <https://osf.io/preprints/socarxiv/as25q/>

Using Legislative Speech to Unveil Conflict Between Coalition Parties

Henning Bergmann, Lucas Geese, Christian Koss, and Carsten Schwemmer

URL: <https://osf.io/preprints/socarxiv/pgnwa>

Immigrants, Immigration and Integration as Topics in Parliamentary Questions – Similarities and Differences in the Discursive Environment of Representation (book chapter)

Lucas Geese, Thomas Saalfeld, Carsten Schwemmer, and Daphne Van der Pas

Immigrant Integration Policies and Descriptive Political Representation (book chapter)

Daniela Vintila, Simona Guerra, Angeliki Konstantinidou, and Carsten Schwemmer

Institutions and Legislative Speech: When Do MPs of Immigrant Origin Get To Speak on the Floor of the Chamber - and What Do They Get to Speak About? (book chapter)

Lucas Geese, Thomas Saalfeld, Carsten Schwemmer, and Jean-Benoit Pilet

Self-Selection or Delegation in Committee Assignments? A Case Study of British Select Committees, 2005-2015

Jorge M. Fernandes, Thomas Saalfeld, and Carsten Schwemmer

Parliamentary Careers, Electoral Vulnerability and Constituency Focus in the British House of Commons, 2001-2015

Thomas Saalfeld and Carsten Schwemmer

## conferences & workshops

### The Politics of Social Media Images: Potentials and Biases of Image Recognition Algorithms for Studying Congressional Behavior

Carsten Schwemmer, Emily Bello-Pardo, Carly Knight, Jeff Lockhart, Stan Oklobdzija, Iacopo Pozzana, and Martijn Schoonvelde  
European Symposium Series on Societal Challenges in Computational Social Science, Dec. 2018, GESIS, Cologne

### Ride with Me - Ethnic Discrimination, Social Markets and the Sharing Economy

Carsten Schwemmer, Jasper Dag Tjaden, and Menusch Khadjavi  
ECSR Conference on Causes and Consequences of Inequalities in Europe, Oct. 2018, Sciences Po, Paris

### Parliamentary Careers, Electoral Vulnerability and Constituency Focus in the British House of Commons, 2001-2015

Thomas Saalfeld and Carsten Schwemmer  
ECPR General Conference in Panel "Non-Legislative Activity in Legislatures", Aug. 2018, University of Hamburg

### CSS 2018

Carsten Schwemmer  
GESIS Summer School Series on Methods for Computational Social Science, July 2018, University of Southern California

### SICSS 2018

Carsten Schwemmer  
Summer Institute in Computational Social Science, June 2018, Duke University

### Social Media Sellout – The Increasing Role of Product Promotion on YouTube

Carsten Schwemmer  
Weizenbaum Symposium 2018 - The Future of Work and Innovation in a Networked Society, May 2018, Technische Universität, Berlin

### The Representation of Disadvantaged Groups in the Digital Sphere - TED Talks and their Public Perception on YouTube

Carsten Schwemmer  
European Symposium Series on Societal Challenges in Computational Social Science, Nov. 2017, Alan Turing Institute, London

### Communication Dynamics of Populist Movements: An Analysis of the German Protest Group Pegida

Carsten Schwemmer  
Annual BAGSS Conference in Panel "Xenophobia", Sept. 2017, University of Bamberg

### Ride with me. Ethnic Discrimination in Online Car-Pooling Markets

Jasper Tjaden, Carsten Schwemmer, and Menusch Khadjavi  
International Conference on Computational Social Science, July 2017, Cologne

### We are the people. Communication dynamics of the right-wing movement PEGIDA

Carsten Schwemmer  
GESIS Computational Social Science Wintersymposium, Dec. 2016, Cologne

### Substantive Representation and CIO MPs: Topic Models and Sentiment Analysis of Legislative Speech

Lucas Geese, Thomas Saalfeld, Carsten Schwemmer, and Daphne Van der Pas  
ECPR General Conference in Panel "Assessing the Inclusion of Citizens of Immigrant Origin in National Parliaments in Europe", Sept. 2016, University of Prague

### Institutions and Legislative Speech: When Do MPs of Immigrant Origin Get To Speak on the Floor of the Chamber - and What Do They Get to Speak About?

Lucas Geese, Thomas Saalfeld, Carsten Schwemmer, and Jean-Benoit Pilet  
ECPR General Conference in Panel "Parliamentary Rules and the Representation of Minority Preferences", Sept. 2016, University of Prague

### We are the people. Dynamics of the right-wing movement PEGIDA

Carsten Schwemmer  
KOSMOS Workshop "Migrants, Refugees and Global Justice: Comparative Perspectives in Societies of Migration" in Plenary Session "Immigration and Racism", Sept. 2016, Humboldt University of Berlin

### Xenophobia before and after the Paris 2015 Attacks. Evidence from a Natural Experiment

Sebastian Jungkunz, Marc Helbling, and Carsten Schwemmer  
KOSMOS Workshop "Migrants, Refugees and Global Justice: Comparative Perspectives in Societies of Migration" in Plenary Session "Immigration and Racism", Sept. 2016, Humboldt University of Berlin

The Substantive Representation of Immigrant-Origin Citizens in Germany's Mixed-Member System

Lucas Geese and Carsten Schwemmer

Annual BAGSS Conference in Panel "Migration", July 2016, University of Bamberg

Substantive Representation and CIO MPs: A First Approach in Four European Democracies

Lucas Geese, Thomas Saalfeld, Carsten Schwemmer, and Daphne Van der Pas

ECPR Joint Session Workshop "The Representation of Citizens of Immigrant Origin in Established Democracies", Apr. 2016, University of Pisa

Substantive Representation and immigrant-origin MPs: First content analysis of legislative floor activities

Lucas Geese, Thomas Saalfeld, and Carsten Schwemmer

PATHWAYS workshop "Presentation of preliminary findings event", Feb. 2016, London Institute for Government

Anwendungen von Topic Models auf einen Text-Corpus mit parlamentarischen Fragen in Großbritannien

Lucas Geese, Thomas Saalfeld, and Carsten Schwemmer

DARIAH-DE Methodenworkshop "Quantitative Vorauswahl und Validierung für ein qualitatives Arbeiten in den Geisteswissenschaften: Ein iterativer Prozess", Nov. 2015, University of Bamberg

## media mentions

2018 **Radio interview about the Facebook data affair and potential consequences for Social Science Research. [in German]**

<https://detektor.fm/digital/datenskandal-und-wissenschaft>

2018 **Article in the Bild newspaper about my paper "Ride with Me - Ethnic Discrimination, Social Markets and the Sharing Economy". [in German]**

<https://www.bild.de/bild-plus/geld/wirtschaft/wirtschaft/mitfahrgelegenheiten-deutsche-wollen-nicht-mit-auslaendern-fahren-57034484>

## awards, grants & scholarships

2019 **Funding for SICSS Partner Institute by Russel Sage Foundation and Sloan Foundation**  
University of Bamberg

2018 **Best Poster Award**  
European Symposium Series on Societal Challenges in Computational Social Science, Cologne

2018 **Russell Sage Foundation: Summer Institute in Computational Social Science**  
Duke University

2016 **Bamberg Graduate School of Social Science: One Year PhD Starter Scholarship**  
University of Bamberg

## teaching

WS 2018/19	<b>Introduction to Quantitative Text Analysis</b> University of Constance	avg. evaluation: 1.33 (1 = "best")
WS 2018/19	<b>Hands-On Introduction to Data Scraping</b> University of Constance	avg. evaluation: 1.86 (1 = "best")
SS 2018	<b>Hands-On Introduction to Data Scraping</b> Skills Camp for Berlin Network of Labor Market Research	avg. evaluation: 6.35 / 7
SS 2018	<b>Hands-On Introduction to Data Scraping</b> Skills Camp for Berlin Network of Labor Market Research	avg. evaluation: 6.35 / 7
SS 2018	<b>Methods of Political Sociology</b> University Of Bamberg	avg. evaluation: 5.83 / 7
WS 2017/18	<b>Introduction to Data Scraping</b> Humboldt University Berlin	avg. evaluation: 6.06 / 7
WS 2017/18	<b>Introduction to Quantitative Text Analysis</b> University of Bamberg	avg. evaluation: 5.91 / 7
SS 2017	<b>Introduction to Data Scraping</b> Humboldt University Berlin	avg. evaluation: 6.33 / 7
SS 2017	<b>Methods of Political Sociology</b> University of Bamberg	avg. evaluation: 6.28 / 7
WS 2016/17	<b>Methods of Political Sociology</b> University of Bamberg	avg. evaluation: 6.75 / 7
SS 2016	<b>Methods of Political Sociology</b> University of Bamberg	avg. evaluation: 6.50 / 7
WS 2015/16	<b>Methods of Political Sociology</b> University of Bamberg	avg. evaluation: 6.50 / 7
WS 2015/16	<b>Introduction to Quantitative Text Analysis</b> University of Bamberg	avg. evaluation: 5.27 / 7