

Sebastian Sternberg, M.A.

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Research Interests

Quantitative Methods of the Social Sciences, Machine Learning (with a focus on supervised and unsupervised learning and class-imbalance problems), Automated Data Collection, Predictive Analytics

Education

09/2015 – present	Graduate School of Economic and Social Sciences, University of Mannheim PhD Candidate, Department of Quantitative Methods in the Social Sciences (Prof. Thomas Gschwend)
10/2013 – 08/2015	University of Konstanz, Institut d'Études Politiques de Grenoble Double Degree Master of Arts in Public Administration and European Governance (with distinction, Mention Très Bien)
09/2012 – 01/2013	Semester Abroad Institut d'Études Politiques de Lille
09/2010 – 08/2013	University of Mannheim Bachelor of Arts in Political Science and Public Law Bachelor Thesis: Das Entscheidungsverhalten des Bundesverfassungsgerichts: ein Spiegel seiner Zusammensetzung?

Classes taken as a PhD Candidate

Spring 2017	Data Visualization (Prof. Richard Traunmüller)
Spring 2017	Bayesian Analysis II (Prof. David Kaplan)
Spring 2017	Bayesian Analysis I (Prof. Richard Traunmüller)
Fall 2016	Web scraping & Automated Data Collection (Dr. Simon Munzert)
Fall 2016	Big Data in the Social Sciences (Prof. Frauke Kreuter)
Fall 2016	Game Theory (Prof. Thomas Bräuninger)
Spring 2016	Programming in R (Dr. Daniel Heck)
Spring 2016	Computer Based Content Analysis (Dr. Sanja Stajner)
Spring 2017	Advanced Quantitative Methods (Prof. Thomas Gschwend)
Fall 2015	Multivariate Analyses (Prof. Thomas Gschwend)

Teaching Experience

Fall 2017	Multivariate Analyses, Graduate (in English)
Spring 2017	Data Analysis, Undergraduate (in English)
Spring 2016	Data Analysis, Undergraduate (in English)

Publications (Peer-reviewed)

Thomas Gschwend, Benjamin Engst, Caroline Wittig, Nils Schaks, Sebastian Sternberg, 2017. Zum Einfluss der Parteinähe auf das Abstimmungsverhalten der Bundesverfassungsrichter - Eine quantitative Untersuchung. *Juristen Zeitung*, 72(17): 816–826

Lukas Stoetzer, Simon Munzert, Thomas Gschwend, Marcel Neunhoeffler, Sebastian Sternberg, 2017. Zweitstimme.org. Ein strukturell-dynamisches Vorhersagemodell für Bundestagswahlen. *Politische Vierteljahresschrift* 58 (3): 418-442

Sebastian Sternberg, Thomas Gschwend, Caroline Wittig, and Benjamin G. Engst. 2015. Zum Einfluss der öffentlichen Meinung auf Entscheidungen des Bundesverfassungsgerichts. Eine Analyse von abstrakten Normenkontrollen sowie Bund-Länder-Streitigkeiten 1974-2010 *Politische Vierteljahresschrift* 56(4): 570-598

Work in Progress

Sebastian Sternberg, 2017. How to Forecast Constitutional Court Decisions? Legal Context and Political Context in a Machine Learning Framework. *Journal of Empirical Legal Studies* (under review)

Marcel Neunhoeffler, Sebastian Sternberg, 2017. Is Random Forest Really Better than Logistic Regression for Predicting Civil War Onsets? *Political Analysis* (under review)

Benjamin G. Engst, Thomas Gschwend, Sebastian Sternberg, 2017. How Judicial Integrity Generates Public Support for Judicial Nominees, *American Journal of Political Science* (under review)

Lukas Stoetzer, Simon Munzert, Thomas Gschwend, Marcel Neunhoeffler, Sebastian Sternberg, 2017. Forecasting Elections in Multi-Party Systems. A Backwards Random-Walk Approach.

Conference Presentations

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| 06/2017 | 7th European Political Science Association General Conference, Milan "How Judicial Integrity Generates Public Support for Judicial Nominees" |
| 09/2016 | European Consortium for Political Research General Conference, Prague "Ideology, Law and Professional Background. Explaining Dissenting Opinions in the German Federal Constitutional Court." |
| 06/2016 | 6th European Political Science Association General Conference, Brussels "Are Judges Political Animals After All? Quasi-experimental Evidence from the German Federal Constitutional Court." |
| 06/2016 | First Conference on Empirical Legal Studies in Europe, Amsterdam "Are Judges Political Animals After All? Quasi-experimental Evidence from the German Federal Constitutional Court." |

Skills

- Languages: German (native), English (fluent), French (fluent)
- (Statistical) Software: R (advanced), Stata (advanced), Python, TensorFlow, H2O

References

- Prof. Thomas Gschwend, University of Mannheim, gschwend@uni-mannheim.de, +49 (0)621-181-2087
- Prof. Christoph Hönnige, University of Hannover, c.hoennige@ipw.uni-hannover.de, +49 (0) 511-762-3881
- Prof. Sabine Saurugger, Institut d'Études Politiques de Grenoble, sabine.saurugger@sciencespo-grenoble.fr, +33 (0) 476-826-076