

Fridolin Linder

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Education

2013-2018 **PhD, Political Science, Social Data Analytics;** Pennsylvania State University.

2011-2013 **MA, Political Science;** University of Mannheim (Germany). 2008-2011

BA, Political Science; University of Vienna (Austria).

Publications

Exploratory Data Analysis using Random Forests (R Package). (2016). Journal of Open Source Software. (With [Zachary M. Jones](#)). [Link](#).

Human Rights Texts: Converting Human Rights Primary Source Documents into Data.(2015). PLOS ONE 10 (9). (With [Christopher J. Fariss](#), [Charles Crabtree](#), [Zachary M. Jones](#), Megan Bied, Taranamoll Kaur, Ana Ross and Michael Tsai). [Link](#)

Psychometric Analysis of Residence and MOOC Assessment. (2015). Paper Presented at the 2015 ASEE Annyal Conference and Exposition, Seattle Washington. (With Eric Loken, Zita Oravecz and Conrad Tucker).

Software

[NetworkInference](#): R package to infer latent diffusion networks (Creator).

[edarf](#): R package for exploratory data analysis with random forest (Contributor).

Professional Experience

Eric and Wendy Schmidt Foundation, [Data Science for Social Good](#) Fellowship (2015).

Bundestag (German Parliament), Internship/Assistant for [Silvia Schmidt](#), [Member of Parliament](#) (2008).

UNICEF, Cochabamba (Bolivia), Internship (2007).

Centro Cultural Ayopayamanta (Bolivia), Internship (2006 - 2007).

Research Assistance

Policy Diffusion of Smoking Ban Legislation in US and Switzerland, Prof. [Fabrizio Gilardi](#), University of Zürich (2016).

Text as Policy: Measuring Policy Similarity through Bill Text Reuse, [Prof. Bruce Desmarais](#) (2015-2016).

Bayesian Measurement Models for Large Scale Data, [Prof. Eric Loken](#) and [Zita Oravecz](#) (BDSS IGERT Research Rotation, Department for Human Development and Family Studies, Penn State) (2014-2015).

Legislative Speech Project, [Prof. Burt Monroe](#) (2013-2014).

Text Analysis of German State Party Manifestos [Prof. Thomas Bräuninger](#), University of Mannheim (2011-2013).

Protest Event Data for Austria, [Prof. Wolfgang C. Müller](#), University of Vienna (2011).

Technical Skills

Research: Design and analysis of quantitative observational and experimental studies.

Programming: Python, R (proficient), C++, Javascript (familiar)

Data Management: SQL, MongoDB

Languages: German, English, Spanish

Conference Presentations

APSA Annual Meeting (2016): Text as Policy: Measuring Policy Similarity through Bill Text Reuse.

Polmeth 2016: Text as Policy: Measuring Policy Similarity through Bill Text Reuse (Poster).

MPSA Annual Meeting (2015): Bias in Ideological Self and Party Placement. The Consistency Effect.

Polmeth 2014: Data Mining as Exploratory Data Analysis (Poster).

Awards, Honors and Fellowships

Peter Schallmoser Award, Pennsylvania State University (2017).

Eric and Wendy Schmidt Foundation, [Data Science for Social Good](#) Fellowship (2015).

[Big Data Social Science](#) IGERT Fellow (2014-2016).

Graduate Scholar Award, Pennsylvania State University (2013).

Summer Research Grant, Pennsylvania State University (2014).

Fellowship, Baden-Württemberg Foundation (2012).

Performance Based Scholarship, University of Vienna (2010).

Service and Teaching

President of the Graduate Association in Political Science at Penn State (2016-2017).

Reviewer: American Political Science Review, American Sociological Review, Legislative Studies Quarterly.

Workshops: Basics of Computational Text Analysis with Python (GEOG 596 2016, Materials: [1](#), [2](#)), Introduction to UNIX Command Line and PSU High Performance Computing (BDSS IGERT 2015, Materials: [1](#), [2](#)), Introduction to Python (BDSS IGERT 2014).