Fridolin Linder

The Pennsylvania State University, Department of Political Science, 230 Pond Laboratory

fridolin.linder@psu.edu - fridolin-linder.com - github/flinder

Education

2013-2018	**PhD, Political Science, Social Data Analytics**; Pennsylvania State University.
2011-2013	**MA, Policial Science**; University of Mannheim (Germany).
2008-2011	**BA, Policial Science**; University of Vienna (Austria).

Publications

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

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).

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 LokenZita Oravecsz (BDSS IGERT Research Rotation, Department for Human Developmentand 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.

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

Reviewer: American Sociological Review.

Workshops: Introduction to UNIX Command Line and PSU High Performance Computing (BDSS IGERT 2015), Introduction to Python (BDSS IGERT 2014)