LAURENCE BRANDENBERGER

University of Bern, Institute of Political Science
Swiss Federal Institute of Aquatic Science and Technology, Eawag (ETH Domain, Zurich)
ORCID-ID: 0000-0003-0392-9766   laurence.brandenberger@ipw.unibe.ch

---

Education

2014 - 2018	PhD in Political Science, University of Bern, Department of Social Sciences (anticipated degree July 2018)
2015	Santa Fe Institute, Complex Systems Summer School, Santa Fe, NM
2014	MA in Sociology, University of Bern, *summa cum laude*
2013	BA in Sociology, University of Bern

Employment

2014 - 2018	PhD student at University of Bern, Institute of Political Science and Eawag, the Water Research Institute of ETH Domain, Zurich
2015	Guest PhD student at the Department of Politics and Public Administration, University of Konstanz, Germany
2011 - 2014	Student research assistant of Prof. Ben Jann, Institute of Sociology, University of Bern
2011	Student research assistant of Prof. Axel Franzen and Katrin Botzen, M.A., Institute of Sociology, University of Bern

Publications

Peer-Reviewed Journal Articles

2018   **Brandenberger, Laurence** (Forthcoming). Trading Favors – Examining the Temporal Dynamics of Reciprocity in Congressional Collaborations Using Relational Event Models. Social Networks.
Replication files: Harvard Dataverse, DOI:10.7910/DVN/7U4BDB.

2017   Malang, Thomas, **Laurence Brandenberger** and Philip Leifeld (2017). Networks and Social Influence in European Legislative Politics. British Journal of Political Science. DOI:10.1017/S0007123417000217.
Replication files: Harvard Dataverse, British Journal of Political Science Dataverse, DOI:10.7910/DVN/Y3QFBP.

Articles Under Review

2017   Leifeld, Philip and **Laurence Brandenberger** (2017). Endogenous Coalition Formation in Policy Debates.

2017 **Brandenberger, Laurence**, Karin Ingold, Manuel Fischer, Isabelle Schläpfer and Philip Leifeld (2017). Beyond Policy Subsystems? Actor–Issue Networks in Swiss Water Policy Making.

Articles in Preparation

2018 **Brandenberger, Laurence** (2018). Predicting Network Events to Assess Goodness-of-Fit for Relational Event Models. Paper presented at the 3rd European Conference on Social Networks in Mainz, September 26 - 29, 2017.

2018 **Brandenberger, Laurence** and Lorenz Kammermann (2018). Using an Automated Approach for the Identification of Coalitions in Policy Processes. Paper presented at the Swiss Political Science Association Annual Conference 2018 in Geneva, February 6, 2018.

2018 Metz, Florence and **Laurence Brandenberger** (2018). Decision-making networks across political systems.

Data Documentations and Reports

2014 Meyer Schweizer, Ruth, Ben Jann, Laurence Brandenberger und Simon Hugi (2014). Gesamtauswertung der Mitgliederbefragung an den Schweizer Seniorenuniversitäten 2012. Technical Report. University of Bern.

2012 Jann, Ben and Laurence Brandenberger (2012). An Experimental Survey Measuring Plagiarism Using the Crosswise Model. Codebook and Documentation. University of Bern.

2012 Jann, Ben and Laurence Brandenberger (2012). An Experimental Survey Measuring Plagiarism Using the Randomized Response Technique. Codebook and Documentation. University of Bern.

Software Development

rem R-package for the estimation of Relational Event Models. R package version 1.2.8. Latest Version on CRAN.
Github repository: https://github.com/brandenberger/rem.

Methods Skills

Regression analysis: OLS, GLM, fixed-effects, random-effects, multilevel/clustering, propensity score matching, instrumental variables, regression discontinuity designs, survival analysis

Inferential network analysis: Exponential random graph models (ERGM, one-mode and two-mode networks), Relational event models (one-mode and two-mode networks), Temporal exponential random graph models (TERGM), (temporal) Network autocorrelation model (TNAM)

Machine learning techniques: Topic modeling (LDA and Structural topic models)

Computer languages: R, c++ (mostly used in combination with the Rcpp-Package in R), Stata, java

Awards and Grants

2016 Travel Grant to attend the 33rd Annual Meeting of the Society for Political Methodology (Polmeth Conference), Houston TX, July/August 2016, $1,567

2015 Grant to attend the Complex Systems Summer School at the Santa Fe Institute, Berne University Research Foundation (IMG), grant #4/15, $4,400

Teaching

University Courses

2017 Soziale Netzwerke (#424297). Proseminar, University of Bern, Fall 2017/2018.

2016 Politische Netzwerke (#424297). Proseminar, University of Bern, Fall 2016/2017.

Winter/Summer Schools and Workshops

2016 - 2018 Inferential Network Analysis (WD208). Teaching Assistant of Philip Leifeld at the Bamberg Winter School in Methods & Techniques, University of Bamberg, Bamberg (DE). Yearly course (February 29 - March 4, 2016; March 6 - 10, 2017; March 5 - 9, 2018).

Thesis Supervision

2018 Bachelor Thesis of Marco Wyss on the potential bias students with migration background face when applying for apprenticeships.

2018 Bachelor Thesis of Oscar Thees on the use of hyperlink networks in social sciences. Co-supervision with Mario Angst.

Research Project Involvement

2014 - 2017 "Overlapping Subsystems: Identification and Integration of Fragmented Games in Swiss Water Politics" (Nr. 149410, main applicant: Prof. Dr. Karin Ingold), funded by the Swiss National Science Foundation (SNF).

Presentations

2018 "Using an Automated Approach for the Identification of Coalitions in Policy Processes". Presentation at the annual conference of the Swiss Political Science Association, University of Geneva, Geneva (CH), February 5-6, 2018.

2017 "Predicting relational events". Presentation at the Third European Conference on Social Networks (EUSN), Johannes Gutenberg-University, Mainz (DE), September 26-29, 2017.

2017 "Information exchange in interwoven policy networks". Presentation at the Annual Convention of the Swiss Political Science Association, University of St. Gallen, St. Gallen (CH), January 12, 2017.

2017 "Predicting relational events". Presentation at the Annual Convention of the Swiss Political Science Association, University of St. Gallen, St. Gallen (CH), January 12, 2017.

2016 "Goodness-of-fit measures for temporal event network models". Poster presentation at the 33rd annual meeting of the Society for Political Methodology, Rice University, Houston (US), July 23, 2016.

2016 "Boundary Spanning across Adjacent Policy Subsystems: Actor–Issue Relations in Swiss Water Politics". Presentation at the Annual Convention of the Swiss Political Science Association, University of Basel, Basel (CH), January 21 2016.

2015 "National Parliamentary Coordination after Lisbon: A Network Approach". Presentation at the PhD-colloquium for Public Policy and Regulation, Institute of Political Science, University of Bern, Bern (CH), October 20 2015.

2015 "Coordination patterns in policy debates". Presentation at the Brown Bag Seminar, Department of Politics and Public Administration, University of Konstanz, Germany, May 22 2015.

2014 "Studying behavioral mechanisms in the policy process and political discourse". Presentation at the Environmental Social Sciences Seminar, Department of Environmental Social Sciences, Eawag (Swiss Federal Institute of Aquatic Science and Technology), Dübendorf (CH), November 14 2014.

2014 "Studying behavioral mechanisms in the policy process and political discourse". Presentation at the Political Science Colloquium, Institute of Political Science, University of Bern, Bern (CH), October 13 2014.

2014 "Overlapping Subsystems. Identification and Integration of Fragmented Games in Swiss Water Politics. Project Overview". Presentation at the Seminar on Transboundary Water Management, University of Bern and University of Geneva, Cully (CH), October 10 2014.

References

Dr. Philip Leifeld
  Senior Lecturer and Director of Postgraduate Research Training, University of Glasgow,
  School of Social and Political Sciences
  Adam Smith Building, 40 Bute Gardens, Glasgow, G12 8RT, United Kingdom
  Email: philip.leifeld@glasgow.ac.uk
  Tel.: +44 141 330 4844

Prof. Dr. Karin Ingold
  Institute of Political Science, University of Bern and Department of Environmental Social
  Sciences, Swiss Federal Institute of Aquatic Science and Technology (Eawag)
  Fabrikstrasse 8, CH-3012 Bern
  Email: karin.ingold@ipw.unibe.ch
  Tel.: +41 31 631 53 60

Prof. Dr. Ben Jann
  Institute of Sociology, University of Bern
  Fabrikstrasse 8, CH-3012 Bern
  Email: jann@soz.unibe.ch
  Tel.: +41 31 631 48 31

Dr. Debra Hevenstone
  Lecturer, Berner Fachhochschule für Soziale Arbeit
  Hallerstrasse 10, CH-3012 Bern
  Email: debra.hevenstone@bfh.ch
  +41 31 848 36 89