

LAURENCE BRANDENBERGER

University of Zurich, Chair of Political Methodology

ORCID-ID: 0000-0003-0392-9766

brandenbergerlaurence.com

laurence.brandenberger@ipz.uzh.ch

Publications

Peer-Reviewed Journal Articles

(Impact factors (year) and rank in their respective ISI category in parentheses)

- 2026 Leifeld, Philip and **Laurence Brandenberger**. Endogenous Coalition Formation in Policy Debates. *American Journal of Political Science*. Accepted for publication.
5.6 (2026), #2–Political Science); [link to replication files (to be released by AJPS)]
- 2025 **Brandenberger, Laurence** and Theodora Bujaroska. Effects of Seating Arrangements on Parliamentary Collaborations. *Legislative Studies Quartly*. 51(1):1-15
2.4 (2026), Q1–Political Science); [link to replication files]
- 2025 Fivaz, Jan, Daniel Schwarz, **Laurence Brandenberger**, Sophia Schlosser, Thomas Gees, and Christian Geiger. 2025. Bürokratie im Wandel der Worte: Verwendung des Bürokratie-Begriffs in parlamentarischen Debatten (19502023). *Swiss Yearbook of Administrative Sciences* 13(1): 13655. <https://doi.org/10.5334/ssas.234>
- 2025 Bakhteev, Oleg, **Laurence Brandenberger**, Sophia Schlosser, Luis Salamanca. (2025). embed2discover: the NLP Tool for Human-In-The-Loop, Dictionary-Based Content Analysis. *Proceedings of the 10th Swiss Text Analytics Conference (SwissText)*. May 14 and 15, 2025. ZHAW. Winterthur.
- 2024 Salamanca, Luis, **Laurence Brandenberger**, Lilian Gasser, Sophia Schlosser, Marta Balode, Vincent Jung, Fernando Perez-Cruz, Frank Schweitzer (2024). Processing Large-Scale Archival Records: The Case of the Swiss Parliamentary Records. *Swiss Political Science Review*. 30(2):140-153.
1.578 (2024), #92–Political Science);[link to online repository containing help files for processing PDF data]
- 2023 Metz, Florence and **Laurence Brandenberger** (2023). Policy Networks Across Political Systems. *American Journal of Political Science*. 67(3): 569586.
4.503 (2021), #1–Political Science); [link to replication files]
link to Defacto blogpost
- 2023 Russo, Giuseppe, Christoph Gote, **Laurence Brandenberger**, Sophia Schlosser, Frank Schweitzer (2023). Helping a Friend or Supporting a Cause? Disentangling Active and Passive Cosponsorship Decisions in the U.S. Congress. In: *Proceedings of the ACL2023, the 61st Annual Meeting of the Association for Computational Linguistics*. ArXiv Preprint available at: <https://arxiv.org/abs/2205.09674>.
- 2022 **Brandenberger, Laurence**, Giona Casiraghi, Georges Andres, Simon Schweighofer, Frank Schweitzer (2022). Comparing Online and Offline Political Support. *Swiss Political Science Review*. 28(4):604-623
1.578 (2021), #119–Political Science); [link to replication files]
link to Defacto blogpost

- 2021 Angst, Mario and **Laurence Brandenberger** (2021). Information exchange in governance networks—Who brokers across political divides? *Governance*. 35(2): 585-608
3.833 (2017), #4–Political Science); [link to replication files]
- 2021 Glaus, Anik, Ruth Wiedemann and **Laurence Brandenberger** (2021). Toward sustainable policy instruments: assessing instrument selection among policy actors. *Journal of Environmental Planning and Management*. 65(9):1708-1726.
2.735 (2020)
- 2020 **Brandenberger, Laurence**, Karin Ingold, Manuel Fischer, Isabelle Schläpfer and Philip Leifeld (2020). Boundary spanning through engagement of policy actors in multiple issues. *Policy Studies Journal*. 50(1):35-64.
3.797 (2019), #10–Political Science, #6–Public Administration)
- 2019 **Brandenberger, Laurence**, Giona Casiraghi, Vahan Nanumyan and Frank Schweitzer (2019). Quantifying Triadic Closure in Multi-Edge Social Networks. *Proceedings of the 2019 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM)*. IEEE: 307–310.
- 2019 **Brandenberger, Laurence** (2019). Predicting Network Events to Assess Goodness-of-Fit for Relational Event Models. *Political Analysis*. 27(4):556 - 571.
3.361 (2016), #5–Political Science; [link to replication files]
- 2019 Malang, Thomas, **Laurence Brandenberger** and Philip Leifeld (2018). Networks and Social Influence in European Legislative Politics. *British Journal of Political Science*. 49(4):1475 - 1498.
3.316 (2016), #6–Political Science; [link to replication files]
- 2018 **Brandenberger, Laurence** (2018). Trading Favors Examining the Temporal Dynamics of Reciprocity in Congressional Collaborations Using Relational Event Models. *Social Networks*, 54:238-253.
2.462 (2016), #14–Sociology; [link to replication files]

Peer-Reviewed Book Chapters

- 2020 **Brandenberger, Laurence** (2020). Interdependencies in Conflict Dynamics: Analyzing Endogenous Patterns in Conflict Event Data Using Relational Event Models. In: *Computational Conflict Research*. Deutschmann, Emanuel, and Jan Lorenz and Luis G Nardin and Davide Natalini and Adelbert FX Wilhelm (eds.). Springer: 67-80.

Articles Under Review

- 2026 **Laurence Brandenberger**, Oleg Bakhteev, Sophia Schlosser, Yifei Yuan, Luis Salamanca. Beyond Dictionaries and Prompts: Human-in-the-Loop Concept-Based Classification for Large Text Corpora. Under Review.
- 2026 Yuan, Yifei, Luis Salamanca, Sophia Schlosser, **Laurence Brandenberger**. Graph-Augmented LLMs for Swiss MP Ideology Prediction. Under Review for Swiss-Text 2026.
- 2026 **Brandenberger, Laurence**, Sophia Schlosser, Oleg Bakhteev, Yifei Yuan, Afagh Muzlazedeh, Luis Salamanca. Science to Influence: Science-Informed Claims in Legislative Debates. Under Review.

- 2023 Gote, Christoph, **Laurence Brandenberger**, Frank Schweitzer. The Transient Nature of Social Hierarcies: The Case of the Bitcoin Open Source Software Collaboration Team. Reformulate and Resubmit, ASR.

Articles in Preparation and Pre-Prints

- 2026 **Brandenberger, Laurence**. Who Succeeds in Passing Bills? A Meta-Review of Legislative Bill Passage.
- 2026 **Brandenberger, Laurence**, Luis Salamanca, Schlosser Sophia, Lilian Gasser, Marta Balode, Julina Minder, Vincent Jung, Yaren Durgun, Leon Babic, Ferando Perez-Cruz, Frank Schweitzer. DemocraSci: A Knowledge Graph On the Swiss Parliament. Paper in preparation for *Nature. Data Descriptor*.
- 2026 Vatter, Adrian, **Laurence Brandenberger**, Rahel Freiburghaus. Repatterning Democracy: Toward a Dynamic and Multidimensional Reconceptualization of Types of Democracy.
- 2026 **Brandenberger, Laurence**, Marco Steenbergen, Sophia Schlosser, Benjamin Schlegel, Catarina Pereira. No Emotion, No Polarization: Revisiting the Conceptualization of Affective Polarization. Paper presented at the Annual Congress 2026 Swiss Political Science Association, University of Zurich (CH), January 15-16, 2026.
- 2024 Minder, Julian, **Laurence Brandenberger**, Luis Salamanca, Frank Schweitzer. Data2Neo—A Tool for Complex Neo4j Data Integration. arXiv preprint arXiv:2406.04995.
- 2023 Schlosser, Sophia, Julian Minder, **Laurence Brandenberger**. The Evolution of Parliamentary Polarization in Switzerland: An over century-long perspective. Paper presentation at the ECPR Standing Group of Parliaments Conference, Vienna, AU, July 6-9, 2023.
- 2023 Ramona Roller, **Laurence Brandenberger**. Effects of legislative seating arrangements on parliamentary productivity. Paper presented at the ECPR Standing Group of Parliaments Conference, Vienna, AU, July 6-9, 2023.
- 2023 Schlosser, Sophia, **Laurence Brandenberger**, Julian Minder, Giuseppe Russo, Luis Salamanca, Frank Schweitzer. From Expertise to Versatility: The Evolution of Issue Engagement in the Swiss Parliament Over 130 Years. Paper presentation at the European Political Science Association 13th Annual Conference, EPSA, Glasgow, UK, June 22-24, 2023.
- 2023 Salamanca, Luis, and Matthias Meyer, **Laurence Brandenberger**, Sophia Schlosser, Jordi Campos-Schweitzer, Frank Schweitzer, Fernando Perez-Cruz. PDF2DATA: A Tool For Extracting Information from PDF Documents. Paper presented at the 4th European Political Methodology Meeting (PolMeth Europe), King’s College, London, UK, June 19-20, 2023.
- 2023 **Brandenberger, Laurence**, Luis Salamanca, Sophia Schlosser, Anja Heidelberger. Issue engagement in the Swiss Parliament over the past 130 years. Paper to be presented at the Swiss Political Science Association Annual Congress 2023.
- 2023 Daria Izzo, Sophia Schlosser, Luis Salamanca, **Brandenberger, Laurence**. How has Parliamentary Populism in Switzerland evolved over time? Evidence from the Swiss parliamentary speeches spanning 130 years. Paper to be presented at the Swiss Political Science Association Annual Congress 2023.
- 2023 Sophia Schlosser, Vincent Jung, Giuseppe Russo, Luis Salamanca, **Laurence Brandenberger**. Word Embeddings: how they can provide us with meaningful ideological representations of Swiss politicians. Paper to be presented at the Swiss Political Science Association Annual Congress 2023.

- 2023 Sophia Schlosser, **Laurence Brandenberger**. Understanding the evolution of collaboration dynamics within the US House across the past 40 years. Paper to be presented at the Swiss Political Science Association Annual Congress 2023.

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.

Presentations

- 2026 "Repatterning Democracy: Toward a Dynamic and Multidimensional Reconceptualization of Types of Democracy". Paper presentation at the IPZ Publication Seminar, University of Zurich, Zurich (CH), March 13, 2026.
- 2026 "The undelivered promises of network analysis in the study of the policy process". Roundtable panel member at the Conference on Policy Process Research (COPPR), University of Bern, Bern (CH), January 20-23, 2026.
- 2026 "No Emotion, No Polarization: Revisiting the Conceptualization of Affective Polarization". Presentation at the Annual Congress 2026 Swiss Political Science Association, University of Zurich (CH), January 15-16, 2026.
- 2026 "DemocraSci: A Knowledge Graph of the Swiss Parliament". Presentation at the Annual Congress 2026 Swiss Political Science Association, University of Zurich (CH), January 15-16, 2026.
- 2025 "Chairs, Cliques, and Clout Network Drivers in Parliamentary Collaboration". Presentation at the Mitchell Centre Seminar, University of Manchester, Manchester (UK), October 15, 2025.
- 2025 "DemocraSci: A Knowledge Graph of the Swiss Parliament". Presentation at the IPZ Publication Seminar, University of Zurich, Zurich (CH), September 26, 2025.
- 2025 "Science to Influence: Scientific Claims in 130 Years of Legislative Debates". Paper presented at the 121st American Political Science Association Annual Meeting, APSA, Vancouver (CA), September 11-14, 2025.
- 2025 "The Politics of Evidence: When do MPs Use Science to Inform or Persuade?". Paper presented at the 9th ECPR Standing Group of Parliaments Conference, Barcelona (ES), July 2-4, 2025.
- 2025 "The heterogenous need to reciprocate favors: Evidence from the Swiss parliament". Presentation at the Annual Congress 2025 Swiss Political Science Association, University of Geneva, Switzerland, January 9-10, 2025.

- 2025 "Introducing embed2discover: A tool for semi-automated, dictionary-based content-analysis". Presentation at the Annual Congress 2025 Swiss Political Science Association, University of Geneva, Switzerland, January 9-10, 2025.
- 2024 "The Rise of Extremes Tracing the Surge in Swiss Political Polarization". Presentation at the ETH Workshop 'The Complexity of Social and Economic Systems: From Models to Measures', ETH Zurich, Zurich (CH), October 31, 2024.
- 2024 "130 Years of the Swiss Parliament: From PDF Extraction to New Forms of Content Analysis". Presentation at the REFLEX: Registry of Firms Life and Exit Research Meeting, University of Lugano, Lugano (CH), September 3, 2024.
- 2024 "After the enfranchisement: Legislative elites' reactions to women's inclusion". Presentation at the Political Methodology Meeting (PolMeth 2024), University of Riverside, Riverside (US), July 17-20, 2024.
- 2024 "After the enfranchisement: Legislative elites reactions to womens inclusion". Presentation at the European Political Science Association 14th Annual Conference, EPSA, University of Köln, Köln (Germany), July 4-6, 2024.
- 2024 "Effects of legislative seating arrangements on parliamentary productivity". Presentation at the European Political Science Association 14th Annual Conference, EPSA, University of Köln, Köln (Germany), July 4-6, 2024.
- 2024 "Effects of Legislative Seating Arrangements on Parliamentary Productivity". Presentation at the Annual Congress 2024 Swiss Political Science Association, University of St. Gallen, Switzerland, February 8-9, 2024.
- 2024 "PDF2Data: A Tool For Extracting Information from PDF Documents". Presentation at the Annual Congress 2024 Swiss Political Science Association, University of St. Gallen, Switzerland, February 8-9, 2024.
- 2023 "Word Embeddings: Providing More Meaningful Representations of Legislators". Paper presented at the 119th American Political Science Association Annual Meeting, APSA, Los Angeles, US, August 31 - September 3, 2023.
- 2023 "Issue Engagement of Legislators and a Trend towards Issue Specialization". Paper presented at the 119th American Political Science Association Annual Meeting, APSA, Los Angeles, US, August 31 - September 3, 2023.
- 2023 "Effects of legislative seating arrangements on parliamentary productivity.". 8th ECPR Standing Group of Parliaments Conference, Vienna, Austria, July 6-8, 2023.
- 2023 "The Evolution of Parliamentary Polarization in Switzerland: An over century-long perspective". 8th ECPR Standing Group of Parliaments Conference, Vienna, Austria, July 6-8, 2023. Presented by co-author.
- 2023 "Word Embeddings and the Secrets they Hold: Examining Legislator Representations Based on Legislative Speech and Bill Text Embeddings.". 8th ECPR Standing Group of Parliaments Conference, Vienna, Austria, July 6-8, 2023. Presented by co-author.
- 2023 "How has Parliamentary Populism in Switzerland evolved over time? Evidence from the Swiss parliamentary speeches spanning 130 years". Presentation at the European Political Science Association 13th Annual Conference, EPSA, Glasgow, UK, June 22-24, 2023.
- 2023 "Topic engagement of Swiss members of parliament. Is the Swiss parliament undergoing a trend of specialization?". Presentation at the European Political Science Association 13th Annual Conference, EPSA, Glasgow, UK, June 22-24, 2023. Presented by co-author.

- 2023 "PDF2DATA: A Tool For Extracting Information from PDF Documents". Presentation at the PolMeth Europe Conference, King's College, London, UK, June 19-20, 2023.
- 2023 "Issue engagement in the Swiss Parliament over the past 130 years". Presentation at the Annual Congress 2023 Swiss Political Science Association, University of Basel, Switzerland, February 2-3, 2023.
- 2023 "How has Parliamentary Populism in Switzerland evolved over time? Evidence from the Swiss parliamentary speeches spanning 130 years". Presentation at the Annual Congress 2023 Swiss Political Science Association, University of Basel, Switzerland, February 2-3, 2023.
- 2023 "Understanding the evolution of collaboration dynamics within the US House over the past 40 years". Presentation at the Annual Congress 2023 Swiss Political Science Association, University of Basel, Switzerland, February 2-3, 2023. Presented by co-author.
- 2023 "Word Embeddings: how they provide us with meaningful ideological representations of Swiss politicians". Presentation at the Annual Congress 2023 Swiss Political Science Association, University of Basel, Switzerland, February 2-3, 2023. Presented by co-author.
- 2022 "Towards a Parliamentary Database". Presentation at the Conference on Political Careers, University of Basel, Switzerland, June 20-22, 2022.
- 2022 "Sitting next to you: Effects of seating arrangements on parliamentary collaboration". Presentation at 15th Annual Political Networks Conference, University of Iowa, US, June 13 - July 15, 2022.
- 2022 "Sitting next to you: Effects of seating arrangements on parliamentary collaborations". Presentation at the Annual Congress 2022 Swiss Political Science Association, University of Lausanne, Switzerland, February 3-4, 2022.
- 2022 "Towards a Parliamentary Database—Processing over 250,000 PDF Documents and Structuring their Content". Presentation at the Annual Congress 2022 Swiss Political Science Association, University of Lausanne, Switzerland, February 3-4, 2022.
- 2021 "Hyperlink networks between organizations - the next frontier in policy network studies or a hopeless mess? Fresh evidence for an ongoing debate" Presentation at the European Conference on Social Networks 2021, EUSN, University of Naples Federico, Naples (IT), September 6-10, 2021. Presented by the co-author.
- 2021 "Networks over Time. Hierarchy Formation in Open Source Software Collaborations." Presentation at the sociology research colloquium, University of Bern, Bern (CH), March 17, 2021.
- 2020 "Measuring political polarization in the Swiss parliament." Presentation at the interdisciplinary symposium on the resilience and performance of networked systems, ETH Zurich, Zurich (CH), January 15-16, 2020.
- 2019 "Predicting Offline Political Support with Online Social Behavior." Presentation at the European Conference on Social Networks 2019, EUSN, ETH Zurich, Zurich (CH), September 9-12, 2019.
- 2019 "Predicting Offline Political Support with Online Social Behavior." Poster presentation at the 3rd European Symposium on Societal Challenges in Computational Social Science, ETH Zurich, Zurich (CH), September 2-4, 2019.

- 2019 "Predicting Offline Political Support with Online Social Behavior." Presentation at the 12th Annual Political Networks Conference, Duke University, Durham NC (US), May 29 - June 1, 2019.
- 2019 "Disentangling Selection from Influence Effects in Social Networks Using Relational Event Models." Poster presentation at the 12th Annual Political Networks Conference, Duke University, Durham NC (US), May 29 - June 1, 2019.
- 2019 "Predicting Offline Political Support with Online Social Behavior." Presentation at the Network Science Society: NetSci 2019 conference, Complexity Center, Burlington VT (US), May 29, 2019.
- 2019 "Quantifying endogenous network statistics in network ensembles." Presentation at the NetSci2019 Satellite Workshop Statistical Inference for Network Models, Complexity Center, Burlington VT (US), May 27, 2019.
- 2019 "'Good' and 'Bad' Instruments: Evaluating Actors' Policy Preferences in Swiss Flood Risk Management." Presentation at the Annual Convention of the Swiss Political Science Association, ETH Zurich, February 14-16, 2019. Presented by the co-author.
- 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: ActorIssue 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.