

Bastián González-Bustamante

Post-Doctoral Researcher in Computational Social Science · Leiden University

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Summary

I am a post-doctoral researcher in Computational Social Science at the Institute of Public Administration, Faculty of Governance and Global Affairs, Leiden University, the Netherlands. I hold a DPhil (PhD) in Politics from the University of Oxford, UK, and prior to that, I completed an MA (1st) in Political Science and a BA (2:1) in Government at the Universidad de Chile.

From an earlier focus on cabinets and civil service, I have developed an active research agenda on how emerging technologies—including AI—shape policymaking and the organisation of bureaucracies. My work has appeared in *Social Science Computer Review*, *World Development*, *Government and Opposition*, *The International Journal of Press/Politics*, *The British Journal of Politics and International Relations* and elsewhere.

During my current postdoctoral appointment, I am mainly contributing to an NWO-funded project on automated text analysis of investment data, investigating how governance structures shape sustainable investments. Specifically, I use Natural Language Processing (NLP) and text-as-data methods to identify patterns and topics within large-scale textual corpora. In addition, I teach the Institutions of Governance and Development course at Leiden University College.

Education

University of Oxford DPhil (PhD) in Politics Professor Petra Schleiter (Supervisor)	Oxford, GBR 2019 - 2023
Universidad de Chile MA in Political Science Highest Distinction (1st, First-class honours)	Santiago, CHL 2010 - 2013
Universidad de Chile BA in Government Distinction (2:1, Second-class honours, upper division)	Santiago, CHL 2004 - 2009
Universidad de Chile BPS in Public Administration Distinction (2:1, Second-class honours, upper division)	Santiago, CHL 2004 - 2009


Relevant Employment

Leiden University Post-Doctoral Researcher in Computational Social Science Institute of Public Administration, Faculty of Governance and Global Affairs	The Hague, NLD 2023 - today
Universidad de Santiago de Chile (USACH) Lecturer Management and Public Policies Department, Faculty of Administration and Economics	Santiago, CHL 2014 - 2019
United Nations Development Programme (UNDP) Consultant Democratic Governance Programme	Santiago, CHL 2016 - 2017

Relevant Certification & Training

	KODAQs Data Quality Academy Certificate Program, University of Mannheim.	
2025	Data quality dimensions, indicators and metrics to assess data quality, tools and data quality, data management procedures and reproducibility	Mannheim, DEU
	ODISSEI Summer Institute in Computational Social Science. Network analysis, machine learning, benchmarking and ethics	
2024		Rotterdam, NLD
	Introduction to Learning and Teaching at Oxford. Foundations for inclusive teaching and strategies to support efficient and effective preparation for teaching	
2023		Oxford, GBR
	Oxford Berlin Summer School on Open Research. Training in biases in research, reproducibility, publishing, open data, open materials, meta-research and ethical conduct of research	
2021		Oxford, GBR

Featured Publications

11. González-Bustamante, B. (2025). Machine Learning and Political Events: Application of a Semi-Supervised Approach to Produce a Dataset on Presidential Cabinets. *Social Science Computer Review*.  **Writing sample.** DOI: [10.1177/08944393251315917](https://doi.org/10.1177/08944393251315917).
10. Fleming, T. G., González-Bustamante, B., & Schleiter, P. (2024). Cabinet Reshuffles and Parliamentary No-Confidence Motions. *Government and Opposition*, 59(4), 1274–1288. DOI: [10.1017/gov.2022.23](https://doi.org/10.1017/gov.2022.23).
9. Orchard, X., & González-Bustamante, B. (2024). Power Hierarchies and Visibility in the News: Exploring Determinants of Politicians' Presence and Prominence in the Chilean Press (1991-2019). *The International Journal of Press/Politics*, 29(1), 100–123. DOI: [10.1177/19401612221089482](https://doi.org/10.1177/19401612221089482).
8. González-Bustamante, B. (2023). Ministerial stability during presidential approval crises: The moderating effect of ministers' attributes on dismissals in Brazil and Chile. *The British Journal of Politics and International Relations*, 25(4), 655–675. DOI: [10.1177/13691481221124850](https://doi.org/10.1177/13691481221124850).
7. González-Bustamante, B., & Aguilar, D. (2023). Territorial patterns of open e-government: evidence from Chilean municipalities. *Political Research Exchange*, 5(1). DOI: [10.1080/2474736X.2023.2194369](https://doi.org/10.1080/2474736X.2023.2194369). SocArXiv: [10.31235/osf.io/gt8a5](https://doi.org/10.31235/osf.io/gt8a5).
6. González-Bustamante, B. (2021). Evolution and early government responses to COVID-19 in South America. *World Development*, 137, 105180. DOI: [10.1016/j.worlddev.2020.105180](https://doi.org/10.1016/j.worlddev.2020.105180).
5. González-Bustamante, B. (2020). The Politics-Administration Dichotomy: A Case Study of the Chilean Executive During the Democratic Post-Transition. *Bulletin of Latin American Research*, 39(5), 582–597. DOI: [10.1111/blar.13044](https://doi.org/10.1111/blar.13044). SocArXiv: [10.31235/osf.io/d52au](https://doi.org/10.31235/osf.io/d52au).
4. González-Bustamante, B., Carvajal, A., & González, A. (2020). Determinantes del gobierno electrónico en las municipalidades: Evidencia del caso chileno. *Gestión y Política Pública*, XXIX(1), 97–129. DOI: [10.29265/gypv.v29i1.658](https://doi.org/10.29265/gypv.v29i1.658). SocArXiv: [10.31235/osf.io/fze3x](https://doi.org/10.31235/osf.io/fze3x).
3. Maillet, A., González-Bustamante, B., & Olivares, A. (2019). Public-Private Circulation and the Revolving Door in the Chilean Executive Branch (2000-2014). *Latin American Business Review*, 20(4), 367–387. DOI: [10.1080/10978526.2019.1652099](https://doi.org/10.1080/10978526.2019.1652099).
2. González-Bustamante, B. (2019). Brechas, representación y congruencia élite-ciudadanía en Chile y Uruguay. *Convergencia. Revista de Ciencias Sociales*, 80, 1–27. DOI: [10.29101/crcs.v26i80.11097](https://doi.org/10.29101/crcs.v26i80.11097). SocArXiv: [10.31235/osf.io/cqym8](https://doi.org/10.31235/osf.io/cqym8).
1. González-Bustamante, B. (2018). Civil Service Models in Latin America. In A. Farazmand (ed.), *Global Encyclopedia of Public Administration, Public Policy, and Governance*. Cham: Springer. DOI: [10.1007/978-3-319-20928-9_2699](https://doi.org/10.1007/978-3-319-20928-9_2699). SocArXiv: [10.31235/osf.io/mp4qd](https://doi.org/10.31235/osf.io/mp4qd).

Papers Under Review

* These manuscripts are in the first round of peer review or R&R

8. González-Bustamante, B. (2025, *second round*). Blame-Shifting in Presidential Systems: Corrective Effect of Ministerial Terminations on Approval. Preprint upon request.
7. Kantorowicz, J., & González-Bustamante, B. (2025, *second round*). Changing Meaning of the Rule of Law. OSF preprint. DOI: [10.31219/osf.io/2kzpj](https://doi.org/10.31219/osf.io/2kzpj).
6. Kantorowicz, J., & González-Bustamante, B. (2025, *second round*). Exploring the Rule of Law in Academic Discourse: A Comprehensive Bibliometric Analysis. OSF preprint. DOI: [10.31219/osf.io/sgf8y](https://doi.org/10.31219/osf.io/sgf8y).
5. DiGiuseppe, M., Aspidi, A., Kantorowicz, J., & González-Bustamante, B. (2025, *first round*). Putting the Public Back in Public Debt: Citizen Narratives on Public Debt Burdens. Preprint upon request.
4. González-Bustamante, B. (2024, *first round*). Benchmarking LLMs in Political Content Text-Annotation: Proof-of-Concept with Toxicity and Incivility Data. arXiv preprint. DOI: [10.48550/arXiv.2409.09741](https://doi.org/10.48550/arXiv.2409.09741).
3. González-Bustamante, B. (2024, *first round*). Resignation Calls, Reallocations and Individual Ministerial Terminations in Presidential Democracies. Preprint upon request.
2. González-Bustamante, B., & Kantorowicz, J. (2024, *first round*). Cross-Lingual Word Embeddings for Unravelling the Rule of Law in European Countries. OSF preprint. DOI: [10.31219/osf.io/m65re](https://doi.org/10.31219/osf.io/m65re).
1. Orchard, X., González-Bustamante, B., & Cisternas, C. (2024, *first round*). Amplification, Contestation, and Toxic Interactions with News: Testing the Effect of a Protest Cycle in Digital News Participation. Preprint upon request.

Relevant Research Projects

2024	Making Finance Sustainable? A Comparative Perspective on the Politics of Investment. NWO VIDI SWG Project VI.Vidi.211.226, PostDoc (Natascha van der Zwan, PI), about USD\$1 000 000. Period: 2024-2026.	Dutch Research Agency
2024	Validación de un estándar de referencia para medir toxicidad e incivilidad política en la esfera digital. Internal Project 2024 at the Faculty of Administration and Economics at the Universidad Diego Portales (UDP), PI , about USD\$2 000. Period: 2024-2025.	UDP
2024	Large Language Models (LLMs) to Identify Toxicity in the Digital Sphere during Protest Events in Latin America. OpenAI Academic Programme, PI , about USD\$5 000. Period: 2024.	OpenAI
2023	Unravelling the Rule of Law: A Machine Learning Approach. NWO XS Project 406.XS.01.013, PostDoc (Jaroslaw Kantorowicz, PI), about USD\$60 000. Period: 2023-2024.	Dutch Research Agency
2022	Patrones territoriales de gobierno electrónico y abierto en los municipios chilenos. Internal Project USA 2156 POC2022_FAE2 at the Universidad de Santiago de Chile (USACH), PI , about USD\$2 250. Period: 2022.	USACH
2019	Sistema político y visibilidad de actores en el debate público articulado por la prensa de élite: 1990-2018. XVI Internal Competition for the Promotion of Research 2019 at the Universidad Alberto Hurtado (UAH), Research Associate (Ximena Orchard, PI), about USD\$4 000. Period: 2019.	UAH

Relevant Teaching Experience

- Leiden University College, **Leiden University**, The Hague, NLD
 - Governance and Development (undergraduate lecture), spring 2025
- Faculty of Administration and Economics, **Universidad Diego Portales**, Santiago, CHL
 - Artificial Intelligence and Public Policy (PhD lecture), spring 2025
 - Data Mining (PhD lecture), spring 2024
 - Political Economy (MPP lecture), fall 2024
- School of Business, **Universidad Mayor**, Santiago, CHL
 - Machine Learning in Public Policy and Economics (workshop), spring 2021
- Department of Politics and International Relations, **University of Oxford**, Oxford, GBR
 - Comparative Government (undergraduate tutorial), Hilary 2020
- Faculty of Administration and Economics, **Universidad de Santiago de Chile**, Santiago, CHL
 - Political Science I (undergraduate lecture), spring 2014, 2018, fall 2015-2019
 - Political Science II (undergraduate lecture), spring 2015-2018
 - Econometrics for Public Policies (undergraduate lecture), fall 2018
 - Workshop for Research Design (graduate seminar), spring 2017-2018
 - Research Methodology (undergraduate lecture), spring 2014-2015, fall 2015-2017
 - Introduction to Quantitative Methods (undergraduate lecture), fall 2017
- School of Government and Public Management, **Universidad de Chile**, Santiago, CHL
 - Study of Political Phenomena (undergraduate lecture), fall 2016
 - Political Analysis (undergraduate lecture), fall 2014
 - Elite Theory and Democracy (undergraduate lecture), spring 2013-2014

Recent Honours & Awards

2023	Early Career Scholar Award. Best early career work and travel support for the BigSurv23 Conference, about USD\$700.	Quito, ECU
2023	ECPR Joint Sessions of Workshops Grant. Travel support for the European Consortium for Political Research (ECPR) Joint Sessions of Workshops, about USD\$1 800.	Toulouse, FRA
2022	SLAS Postgraduate and Postdoctoral Research Award and Conference Grant. Research support grant for my DPhil (PhD) project and travel support for the Society for Latin American Studies (SLAS) Annual Conference, about USD\$1 850.	Bath, GBR
2022	St Hilda's College Muriel Wise Fund and Travel and Book Grants. Research support grant for my DPhil (PhD) project and allowances for participation in conferences and purchase of books, about USD\$3 000.	Oxford, GBR
2019	Becas Chile Doctoral Scholarship Abroad. Tuition fees, transport and living expenses for pursuing a DPhil (PhD) at the University of Oxford (ANID/PFCHA/72200340), about USD\$215 000.	Oxford, GBR

Selected Conference Presentations

2025	Netherlands Institute of Governance (NIG) – 21st Annual Conference	Ghent, BEL
2024	ODISSEI – Conference for Social Sciences in the Netherlands	Utrecht, NLD
2024	Digital Society Initiative – Digital Democracy Workshop	Zurich, CHE
2024	COMPTExT – Conference	Amsterdam, NLD
2023	BigSurv – Conference	Quito, ECU
2023	European Consortium for Political Research (ECPR) – General Conference	Prague, CZE
2023	International Political Science Association (IPSA) – World Congress	Buenos Aires, ARG
2023	European Consortium for Political Research (ECPR) – Joint Sessions	Toulouse, FRA
2023	Political Studies Association (PSA) – Annual International Conference	Liverpool, GBR
2022	Digital Society Initiative – Digital Democracy Workshop	Zurich, CHE
2022	The R User Conference 2022 (userR) – Annual Conference	Virtual
2022	Latin American Studies Association (LASA) – International Congress	Virtual
2021	International Political Science Association (IPSA) – World Congress	Virtual

Languages & Software

Languages Spanish (native speaker), English (fluent), Portuguese (advanced reading skills), Italian (elemental reading skills), French (elemental reading skills)

Programming & Software Python, R, Git, Stata, SPSS/PSPP, Gephi, UCINET, NetDraw, Tosmana, ArcGIS, ATLAS.ti, HPOP, Zotero, JabRef, \LaTeX , Bib \TeX , MS Office, WordPress, Moodle, JAVA, HTML, CSS, XHTML