

Summary

I am a post-doctoral researcher in Computational Social Science at Leiden University’s Institute of Public Administration, Faculty of Governance and Global Affairs, in the Netherlands. I hold a DPhil (PhD) in Politics from the University of Oxford and previously earned an MA in Political Science and a BA in Public Administration and Government from the Universidad de Chile.

My work bridges the fields of comparative politics and computational social science. I build large-scale text-as-data pipelines, deploy AI and machine learning models, and apply causal inference strategies. My recent peer-reviewed articles have appeared in *Social Science Computer Review*, *Public Opinion Quarterly*, *World Development*, *Artificial Intelligence and Law*, *Government and Opposition*, among others. I regularly present at IPSA, ECPR, EPSA and COMPTXT.

I am currently working on an NWO-funded project that uses Large Language Models (LLMs) to analyse global investment prospectuses and reveal how governance arrangements shape sustainable finance flows. In parallel, I contribute to COST Action CA22150 on executive-bureaucratic careers and lead the Enlace-Inserción UDP 2025-2026 project “Unpacking the Unpredictable: Using NLP and LLMs to Examine Cabinet Politics and Responses to Stochastic Events in Presidential Democracies.”

In addition to research, I teach the undergraduate course Institutions of Governance and Development at Leiden University College and deliver doctoral lectures on data mining and AI at Universidad Diego Portales.

Education

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

Relevant Employment

<b>Leiden University</b> <b>Post-Doctoral Researcher in Computational Social Science</b> Institute of Public Administration, Faculty of Governance and Global Affairs	<b>The Hague, NLD</b> 2023 - today
<b>Universidad Diego Portales (UDP)</b> <b>Lecturer</b> School of Public Administration, Faculty of Administration and Economics	<b>Santiago, CHL</b> 2024 - today
<b>Universidad de Santiago de Chile (USACH)</b> <b>Lecturer</b> Management and Public Policies Department, Faculty of Administration and Economics	<b>Santiago, CHL</b> 2014 - 2019

## Relevant Certification & Training

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

## Featured Publications

- González-Bustamante, B. (2025, *forthcoming*). Blame-Shifting in Presidential Systems: Corrective Effect of Ministerial Terminations on Approval. *Public Opinion Quarterly*. SocArXiv: [10.31235/osf.io/37rui\\_v2](https://doi.org/10.31235/osf.io/37rui_v2).
- Kantorowicz, J., & González-Bustamante, B. (2025). Changing Meaning of the Rule of Law. *Artificial Intelligence and Law*. OnlineFirst. DOI: [10.1007/s10506-025-09468-4](https://doi.org/10.1007/s10506-025-09468-4). OSF: [10.31219/osf.io/2kzpj](https://doi.org/10.31219/osf.io/2kzpj).
- 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*. OnlineFirst. DOI: [10.1177/08944393251315917](https://doi.org/10.1177/08944393251315917).
- 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).
- 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).
- 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).
- 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).
- 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).
- 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).
- 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).
- 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).

3. 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://osf.io/cqym8).
2. 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://osf.io/mp4qd).
1. González-Bustamante, B., & Garrido-Vergara, L. (2018). Socialización, trayectorias y poscarrera de ministros en Chile, 1990-2010. *Política y Gobierno*, XXV(1), 31–64. URL: [www.politicaygobierno.cide.edu](http://www.politicaygobierno.cide.edu).

## Papers Under Review

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

6. Orchard, X., González-Bustamante, B., & Cisternas, C. (2025, *second round*). Amplification, Contestation, and Toxic Interactions with News: Testing the Effect of a Protest Cycle in Digital News Participation. Preprint upon request.
5. DiGiuseppe, M., Aspide, A., Kantorowicz, J., & González-Bustamante, B. (2025, *second round*). Putting the Public Back in Public Debt: Citizen Narratives on Public Debt Burdens. Preprint upon request.
4. Kantorowicz, J., & González-Bustamante, B. (2024, *first 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).
3. 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).
2. González-Bustamante, B. (2024, *first round*). Resignation Calls, Reallocations and Individual Ministerial Terminations in Presidential Democracies. Preprint upon request.
1. 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).

## Relevant Research Projects

2025	<b>Unpacking the Unpredictable: Using NLP and LLMs to Examine Cabinet Politics and Responses to Stochastic Events in Presidential Democracies.</b> Enlace-Inserción Vice-Chancellor Research Office at the Universidad Diego Portales (UDP), <b>PI</b> , about USD\$4 000. Period: 2025-2026.	UDP
2024	<b>Making Finance Sustainable? A Comparative Perspective on the Politics of Investment.</b> NWO VIDI SWG Project VI.Vidi.211.226, <b>PostDoc</b> (Natascha van der Zwan, PI), about USD\$1 000 000. Period: 2024-2026.	Dutch Research Agency
2024	<b>Validación de un estándar de referencia para medir toxicidad e incivilidad política en la esfera digital.</b> Internal Project 2024 at the Faculty of Administration and Economics at the Universidad Diego Portales (UDP), <b>PI</b> , about USD\$2 000. Period: 2024-2025.	UDP
2024	<b>Large Language Models (LLMs) to Identify Toxicity in the Digital Sphere during Protest Events in Latin America.</b> OpenAI Academic Programme, <b>PI</b> , about USD\$5 000. Period: 2024.	OpenAI
2023	<b>Unravelling the Rule of Law: A Machine Learning Approach.</b> NWO XS Project 406.XS.01.013, <b>PostDoc</b> (Jaroslaw Kantorowicz, PI), about USD\$60 000. Period: 2023-2024.	Dutch Research Agency

2022	<b>Patrones territoriales de gobierno electrónico y abierto en los municipios chilenos.</b> Internal Project USA 2156 POC2022_FAE2 at the Universidad de Santiago de Chile (USACH), <b>PI</b> , about USD\$2 250. Period: 2022.	USACH
2019	<b>Sistema político y visibilidad de actores en el debate público articulado por la prensa de élite: 1990-2018.</b> XVI Internal Competition for the Promotion of Research 2019 at the Universidad Alberto Hurtado (UAH), <b>Research Associate</b> (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 2025-2026
- Faculty of Administration and Economics, **Universidad Diego Portales**, Santiago, CHL
  - Artificial Intelligence and Public Policy (PhD lecture), spring 2025
  - Data Mining (PhD lecture), spring 2024-2025
  - Political Economy (MPP lecture), fall 2024-2025
- 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	<b>Early Career Scholar Award.</b> Best early career work and travel support for the BigSurv23 Conference, about USD\$700.	Quito, ECU
2023	<b>ECPR Joint Sessions of Workshops Grant.</b> Travel support for the European Consortium for Political Research (ECPR) Joint Sessions of Workshops, about USD\$1 800.	Toulouse, FRA
2022	<b>SLAS Postgraduate and Postdoctoral Research Award and Conference Grant.</b> 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	<b>St Hilda's College Muriel Wise Fund and Travel and Book Grants.</b> 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	<b>Becas Chile Doctoral Scholarship Abroad.</b> 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

\* Selection of only the last five years

2025	International Political Science Association (IPSA) — World Congress	Seoul, KOR
2025	European Political Science Association (EPSA) — Annual Conference	Madrid, ESP
2025	European Consortium for Political Research (ECPR) — Joint Sessions	Prague, CZE
2025	COMPTExT — Conference	Vienna, AUT
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

<b>Languages</b>	Spanish (native speaker), English (fluent), Portuguese (advanced reading skills), Dutch, French and Italian (elemental reading skills)
<b>Programming &amp; Software</b>	Python, R, Git, Stata, SPSS/PSPP, Gephi, UCINET, NetDraw, Tosmana, ArcGIS, ATLAS.ti, HPOp, Zotero, JabRef, L <sup>A</sup> T <sub>E</sub> X, BibT <sub>E</sub> X, MS Office, WordPress, Moodle, JAVA, HTML, CSS, XHTML