Felipe Ruiz Bruzzone

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CURRENT POSITIONS

Project and Funding Director – Half-time
Nodo XXI Foundation   2019 — present

- Nongovernmental organization that provides political advice and research capabilities to social movements and political organizations.
- Member of the executive management team and responsible for both the implementation of advocacy and research projects and the relationship with international partners.

Chief Executive Officer – Half-time
Estrategia Sur   2024 — present

- Consulting firm specialised in data science for strategic decision-making.
- Founding partner and responsible for general administrative and commercial management.

EDUCATION

PROFESSIONAL

Data Science – Profesional Specialization
John Hopkins University   2024

Programming & Data Science Instructor – Profesional Specialization
The Carpentries   2023

Program of Advanced Studies on Latin American Economies – Profesional Specialization
UN Economic Commission for Latin America and the Caribbean   2023

Summer School in Computational Social Sciences, Methods for Analysing Multimedia Data –
Profesional Specialization
GESIS Leibniz Institute for The Social Sciences   2019

ACADEMIC

PhD – Social Sciences
University of Chile   2021 — 2025

- Project title: **The capitalist class in Chile today (2000–2019). A study of the Luksic and Cencosud business groups**
- National Research and Development Agency. Excellence PhD Scholarship (2021-2025).

MSc – Social Sciences
University of Chile   2017 — 2019

- Project title: **The entrepreneurship of the pension system in Chile (2000-2018)**
- National Research and Development Agency. Excellence MSc Scholarship (2017-2019)

BSc – Sociology
University of Chile   2012 — 2016

PROFESSIONAL EXPERIENCE

DATA SCIENTIST

Freelance
Multiple clients   2017 – Present

Providing data collection, pre-processing, statistical analysis and data visualization services to different clients of the private, scientific and academic sector. The last projects I was involved were:

- present-2025. Computational systematisation of tax statistics by economic sector (2023-1998), based on annual reports from Argentina's Federal Public Revenue Administration. Instituto de Ciencias, Universidad Nacional de General Sarmiento. PICT-2020-SERIE-A-00496.
- 2024-2023. Validation of administrative records and statistical analysis: occupational structure of Chile's Central Government. Law Faculty, Alberto Hurtado University. National Fund for Scientific and Technological Development (grant 1231868).
- 2021-2022. Validation and preparation of databases in reproducible format. Faculty of Social Sciences, Diego Portales University. National Fund for Scientific and Technological Development (grant 1171072).

DATA SCIENCE AND RESEARCH METHODS TEACHING

Lecturer & Teaching assistant
Different institutions   2016 – Present

Teaching experience in data science and research methods in different educational contexts: universities (grade and posgraduate courses), professional specializations and particular lessons. My experience as lecturer includes:

- Foundations of the R programming language.
- Research methods in the field of social sciences, economics and humanities.
- Introduction to data driven research projects.
- Basic and advanced statistical methods in Social Sciences.
- Open Science and Free Software Tools for Quantitative Social Research.

WORK IN PROGRESS

- 2026-The chilean New Left in Government: Limits, Challenges and Lessons. Santiago de Chile: Fondo de Cultura Económica. Co-editor. Peer-reviewed book.

- 2026-Capitalist class structure in Chile (21st century): a descriptive and multivariate quantitative characterization. Paper accepted for publication. Forum for Social Economics, Special Issue on the Social Consequences of Development in Latin America in the 21st Century.

- 2025-Descriptive Statistics for Research in Communication and Social Sciences. A Brief Introduction. En Research Methodology in Communication and Public Opinion.. Santiago de Chile: Ediciones Universidad Diego Portales. Peer-reviewed book.

- 2025-**Computational methodology for financial information analysis in XBRL format. An initial attempt applied to business groups in Chile.**. In **Quantitative Methods in Economics**. Argentina: Editorial de la Facultad de Ciencias Económicas de la Universidad Nacional de Córdoba. Peer-reviewed book.

RECENT PUBLICATIONS

- 2024-**Solidarity in the contributory pension pillar. A progressive approach to discussing pensions reform**. Public Policy Report. Friedrich Ebert Stiftüng & Fundación Nodo XXI. Co-author.
- 2024-**What to do about student loans and debts? Condone and restructuring to restore the promise of higher education**. Public Policy Report. Santiago de Chile: Fundación Nodo XXI. Coauthor.
- 2024-**Financiarización y poder empresarial en el sistema de pensiones chileno**. In **Formas y mecanismos de la dominación financiera en América Latina**. México: Instituto de Investigaciones Sociales de la Universidad Nacional Autónoma de México. Author. Peer-reviewed book.
- 2024-**What interruptions to the (intellectual and political) project of Popular Unity are still relevant to the present?**. In **La Unidad Popular Interrumpida**. Santiago: University of Chile, Social Sciences Faculty Editions.
- 2023-**The job of public transport, ride-hailing, and delivery drivers: Conditions during the COVID-19 pandemic and implications for a post-pandemic future**. Travel, Behaviour, and Society, vol. 31, pages 63-77. Coauthor.
- 2021-**Financialization and the construction of peripheral business power in the Chilean pension system**. In Dependent Capitalisms in Contemporary Latin America and Europe. Palgrave Macmillan. Author. Peer-reviewed book.
- 2019-**Descriptive Statistical Methods for Social Sciences Using Rstudio**. 2nd Edition. Department of Sociology, University of Chile. Interactive online manual. Co-author.