

JULIÁN ROA ROZO

ECONOMIST

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Economist specializing in macroeconomics, public policy, and econometrics. Master's in Economics (PEG, Universidad de los Andes). More than eight years of experience leading and supporting impact evaluations, public-policy evaluations, and macroeconomic and sectoral analysis at Econometría Consultores, with prior research experience at Banco de la República.

EXPERIENCE

Econometría Consultores

Mar 2018 – Present

Eight years at Econometría, growing from research assistant to project coordinator across a portfolio of more than 40 consulting engagements. The projects listed below are a representative selection.

Project director

Jan 2025 – Present

- **Econometric market projection reports** / Porsche Colombia. Directed the engagement with Porsche from Aug 2025 onward: led the team, served as primary client counterpart, designed the econometric market-projection model and delivered the final reports.
- **Reports on the Colombian economy and politics** / Banco Patria. Directed the semi-annual report and bimonthly newsletter tracking the Colombian economy for Banco Patria from Jan 2025; led team coordination, client interlocution and final products.

Quantitative / Thematic Expert

Dec 2022 – Present

- **Operations & cost-effectiveness evaluation of public childcare ('jardines infantiles')** / Secretaría Distrital de Integración Social (SDIS). Led quantitative work for the operations and cost-effectiveness evaluation of SDIS's public-childcare modalities (Apr 2025 – Present); processed datasets with statistical software, ran the statistical and econometric analysis, and contributed to recommendations on social returns by modality and contract type.
- **Macroeconomic-variables dashboard for demand projection** / Mondelez. Built and maintained a dashboard of macroeconomic variables that feeds Mondelez's monthly demand-projection process (Mar 2025 – Present); led the statistical and econometric work on the underlying indicators.
- **Final & impact evaluation of the PROINNOVA business-innovation program (IDB Paraguay)** / Inter-American Development Bank (IDB) – CONACYT Paraguay. Served as quantitative expert on the IDB's final and impact evaluation of Paraguay's PROINNOVA business-innovation program executed by CONACYT (Jun–Dec 2025).
- **Expert appraisal: equilibrium low-price threshold for the thermal coal market** / Ernst & Young. Served as the quantitative expert estimating the equilibrium low-price threshold for the thermal coal market for EY (Mar–Apr 2025); produced the macroeconometric estimates that underpinned the judicial expert appraisal.
- **Operations & results evaluation of the Cargo Transport Modernization Policy** / Departamento Nacional de Planeación (DNP). Led the quantitative work (data processing, statistical analysis and econometric model) for the operations and results evaluation of Colombia's Cargo Transport Modernization Policy for DNP (Dec 2022 – May 2023).
- **Randomized impact evaluation (RCT) of the MatematiA platform in CECyTEMs** / UNICEF Mexico (via CEES). Evaluated the impact of a platform design to aid the learning of math through AI called MatematiA platform in Mexico for UNICEF Mexico (Aug–Oct 2023); using causal inference tools for randomized control trials and produced the econometric estimates underlying the impact findings.

Project Coordinator

Jul 2022 – Present

- **Formative evaluation of the 'Territorios Amigos de la Niñez' (TAN) strategy** / UNICEF. Coordinated the formative evaluation of UNICEF Colombia's 'Territorios Amigos de la Niñez' (TAN) strategy — the local adaptation of the global Child Friendly Cities Initiative (CFCI) — assessing effectiveness, relevance and sustainability in priority territories (Eco 998).

- **Market study of the Panamanian postal sector** / Inter-American Development Bank (IDB). Coordinated the technical team and client interlocution for an IDB market study of Panama's postal sector (Jul 2022–March 2023) characterizing demand and supply, competitive structure and regulatory dynamics through quantitative analysis.
- **Operations & results evaluation, '1000 Días para Cambiar el Mundo'** / ICBF. I coordinated the team behind the operations and results evaluation of ICBF's '1000 Días para Cambiar el Mundo' early-childhood modality.

Consultant

Mar 2018 – Jun 2022

- **Macroeconomic effects of the transition to a circular economy in Latin America** / CEPAL (UN-ECLAC). Modeled the macroeconomic effects of Latin America's transition to a circular economy for CEPAL (Jun 2021 – Jan 2022)
- **Results evaluation of the National Disability Policy (PPDIS)** / Departamento Nacional de Planeación (DNP). Evaluated results of Colombia's National Disability Policy (PPDIS) for DNP (Dec 2019 – Aug 2020); supported methodology, survey design and quantitative implementation, processed the datasets and produced the quantitative analysis.
- **Results & impact evaluation, '40.000 Primeros Empleos' program** / Departamento Nacional de Planeación (DNP). Evaluated the results and impact of Colombia's '40.000 Primeros Empleos' youth-employment program for DNP (Dec 2018 – Oct 2019), measuring effects on beneficiaries and participating firms. Assisted in the design of the survey instrument.
- **Impact & results evaluation of the 'Leer es mi cuento' National Reading & Writing Plan** / Departamento Nacional de Planeación (DNP). Evaluated the impact and results of Colombia's 'Leer es mi cuento' National Reading & Writing Plan for DNP (Mar–Nov 2018) supported the quantitative implementation, processed the datasets and produced the econometric analysis.

Banco de la República

Jan 2017 – Dec 2017

A year-long research assistantship in the central bank's Research Unit, contributing to monetary-economics work on volatility spillovers and the global financial cycle, inflation-target re-anchoring, and sticky-price inflation dynamics. The projects fed into peer-reviewed publication and the bank's Borradores de Economía working-paper series.

Research analyst

Jan 2017 – Dec 2017

EDUCATION

M.A. in Economics (PEG), Universidad de los Andes

2019 – 2021

GPA 4.34 / 5.0 — Thesis: Spillovers of unconventional monetary policy from advanced economies to Latin America. Grade: 5.0. Advisor: Javier G. Gómez Pineda.

B.A. in Economics, Universidad Nacional de Colombia

2013 – 2017

GPA 4.4 / 5.0

SELECTED PUBLICATIONS

2024. **Roa-Rozo, J.** Is there hysteresis in potential output estimates?. Economics letters.

2022. **Gómez-Pineda, J.G. & Roa-Rozo, J.** A trend-cycle decomposition with hysteresis. Borradores de Economía No. 1230, Banco de la República.

SELECTED PRESS

2026. Can you change the direction in which the clock hands move?. La República.

2025. 2025: A clear sky that could turn dark. La República.

2024. 2024: painless disinflation. La República.

2023. 2023: A difficult year. La República.

2021. The 2021 surge in inflation: A look at sticky prices. Vox-EU (joint with J.G. Gómez Pineda & J.M. Julio).

2020. A V-shaped recovery?. La República.

SKILLS & LANGUAGES

Software / Stata, MATLAB (IRIS, Dynare), R, ArcGIS, LaTeX, Excel / Office

Languages / Spanish (Native), English (Proficient), French (Proficient)