

# Magdalena Cornejo

SCHOOL OF BUSINESS · UNIVERSIDAD TORCUATO DI TELLA

Av. Figueroa Alcorta 7350, Buenos Aires, Argentina.

☎ +54 9 11 5750 4856 | ✉ mcornejo@utdt.edu | 🏠 <https://magdalenacornejo.github.io>

## Academic Appointments

---

- 2023 - **Adjunct Researcher**, CONICET
- 2022 - **Professor**, School of Business, Universidad Torcuato Di Tella
- 2018 - 2021 **CONICET's Posdoctoral Research Fellow**, School of Government, Universidad Torcuato Di Tella
- 2016 - 2018 **Lecturer**, School of Government, Universidad Torcuato Di Tella
- 2011 - 2013 **Research Assistant**, School of Government, Universidad Torcuato Di Tella
- 2008 - 2011 **Research Assistant**, IAE Business School

## Education

---

- Universidad de Buenos Aires** *Buenos Aires, Argentina*  
PH.D. IN ECONOMICS *2012 - 2017*
  - Supervisor: Hildegart Ahumada
- Universidad Torcuato Di Tella** *Buenos Aires, Argentina*  
MSC IN ECONOMETRICS *2008 - 2010*
- Universidad de Buenos Aires** *Buenos Aires, Argentina*  
BA IN ECONOMICS *2002 - 2007*

## Research Interests

---

Applied Econometrics; Time Series Econometrics and Forecasting; Climate Change and Food Production; Commodity Markets

## Publications

---

### PEER-REVIEWED PUBLICATIONS

- Cornejo, Magdalena; Merener, Nicolás; Merovich, Ezequiel. 2026. Hot dry spells and extreme rain increased corn and soybean prices in the United States Midwest. *Nature Communications Sustainability*, 1: 1–10.
- Cornejo, Magdalena; Hallack, Michelle; Matías, David. 2025. The role of renewables in smoothing the impact of oil and gas price shocks on inflation: The LAC experience. *Resources Policy*, 105.
- Cornejo, Magdalena; Modernel, Jonathan. 2022. A socioeconomic analysis of cultural consumption of the Cultural Pass programme in Buenos Aires City. *The Public Sphere: Journal of Public Policy*, 10(1): 240–250.
- Cornejo, Magdalena; Dams, Carolina; Pasquini, Ricardo; Robiolo, Gabriela; Sarria Allende, Virginia. 2022. Impact of accelerators as education and training programs on female entrepreneurs. *Entrepreneurship Research Journal*, 12(3): 329–362.
- Cornejo, Magdalena. 2021. Forecasting crop yields through climate variables using mixed-frequency data: The case of Argentine soybeans. *Economica*, LXVII(1): 93–106.
- Cornejo, Magdalena. 2021. Common factors in commodity prices and Argentine economic growth, 1980–2018. *Revista SaberEs*, 13(2): 177–193.
- Ahumada, Hildegart; Cornejo, Magdalena. 2021. Are soybean yields getting a free ride from climate change? Evidence from Argentine time series. *Econometrics*, 9(2): 1–24.

- Carrera, Alejandro; Cornejo, Magdalena; Vazquez, Pedor. 2020. Corporate governance in the largest family firms in Latin America. *Cross Cultural & Strategic Management*, 27(2): 137–163.
- Casarín, Ariel; Cornejo, Magdalena; Delfino, María Eugenia. 2019. Market power absent merger review: Brewing in Peru. *Review of Industrial Organization*, 1–22.
- Ahumada, Hildegart; Cornejo, Magdalena. 2016. Out-of-sample testing price discovery in commodity markets: The case of soybeans. *Agricultural Economics*, 47: 1–10.
- Ahumada, Hildegart; Cornejo, Magdalena. 2016. Forecasting food prices: The case of corn, soybeans and wheat. *International Journal of Forecasting*, 32(3): 838–848.
- Ahumada, Hildegart; Cornejo, Magdalena. 2015. Explaining commodity prices by a cointegrated time series–cross-section model. *Empirical Economics*, 48(4): 1667–1690.
- Ahumada, Hildegart; Cornejo, Magdalena. 2015. Long-run effects of commodity prices on the real exchange rate: Evidence from Argentina. *Economica*, 61: 1–31.

## OTHER PUBLICATIONS

- Cornejo, Magdalena; Sosa Escudero, Walter. 2022. Aggregate poverty predictions using micro and macro data: Evaluation, diagnostics, and proposals. *CEPAL, Estudios Estadísticos*.
- Ahumada, Hildegart; Cornejo, Magdalena. 2021. How econometrics can help us understand the effects of climate change on crop yields: The case of soybeans. In Belfiori, M.E., Rabassa, M.J. (eds.), *The Economics of Climate Change in Argentina*. Springer.
- Powell, Andrew (ed.). 2021. *The Labyrinth: How Can Latin America and the Caribbean Navigate the Global Economy*. IDB Macroeconomic Report.

## WORKING PAPERS

- Cornejo, Magdalena; Merener, Nicolás; Merovich, Ezequiel. 2026. Weather forecasts, extreme events, and crop pricing in the US Midwest.
- Ahumada, Hildegart; Cornejo, Magdalena; Freira, Lucía. 2026. Offsetting the impact of climate change on food production through technological adaptation. (under review at *Food Policy*)
- Cornejo, Magdalena; Sosa Escudero, Walter. 2026. Machine learning for linear dynamic panel models: A forecasting perspective.

## Teaching Experience

---

### Current Courses

2018 – present	<b>Statistical Methods for Business</b> , Master in Management + AI, Universidad Torcuato Di Tella	4.85/5 (2025)
2013 – present	<b>Statistical Methods for Business</b> , BSc in Business Economics, Universidad Torcuato Di Tella	4.78/5 (2025)
2011 – present	<b>Quantitative Methods for Public Policy</b> , Master in Public Policy, Universidad Torcuato Di Tella	4.66/5 (2025)

### Previous Courses

2011 – 2022	<b>Statistical Methods for Urban Studies</b> , Master in Urban Economics, Universidad Torcuato Di Tella
2015 – 2021	<b>Time Series Econometrics and Forecasting</b> , Master’s programs in Economics and Finance, Universidad de San Andrés
2019 – 2021	<b>Econometrics</b> , BSc in Economics, Universidad de San Andrés
2020 – 2021	<b>Financial Forecasting</b> , BSc in Finance, Universidad de San Andrés
2019 – 2020	<b>Time Series Econometrics</b> , Master in Economics, Universidad Nacional de La Plata

## Professional Activities

---

### CONFERENCE PRESENTATIONS (2024–2026)

- 2026 **46th International Symposium on Forecasting**, Université du Québec, Montreal, Canada
- 2025 **9th Conference on Econometric Models of Climate Change (EMCC)**, University of Victoria, Victoria, Canada
- 2025 **Dynamic Econometrics Conference**, Bayes Business School, London, UK
- 2025 **VII Workshop on Environmental Economics and Climate Change**, Universidad Católica Argentina, Buenos Aires, Argentina
- 2024 **8th Conference on Econometric Models of Climate Change (EMCC)**, University of Cambridge, Cambridge, UK
- 2024 **29th LACEA-LAMES Annual Meeting**, Universidad de la República, Montevideo, Uruguay
- 2024 **9th Latin American Energy Economics Meeting (ELAEE)**, Pontificia Universidade Católica, Rio de Janeiro, Brazil

### REFEREE ACTIVITY (2024–2026)

Referee for academic journals including *Food Policy*, *International Journal of Forecasting*, *Annals of Operations Research*, *Environmental Monitoring and Assessment*, *The North American Journal of Economics and Finance*, and *Journal of Applied Economics*.

## Grants & Awards

---

- 2020–2025 **Teaching Excellence Award**, Master in Management + Analytics, Universidad Torcuato Di Tella
- 2019, 2021–2023 **Teaching Excellence Award**, Master in Public Policy, Universidad Torcuato Di Tella
- 2020 **First Prize “Dr. Raúl Prebisch” for Best PhD Dissertation in Economics**, Central Bank of Argentina *ARS 250,000*
- 2018 **Best PhD Dissertation Award**, School of Economics, Universidad de Buenos Aires
- 2014 **Postdoctoral Fellowship**, National Scientific and Technical Research Council (CONICET)
- 2014 **Doctoral Completion Fellowship**, National Scientific and Technical Research Council (CONICET)
- 2012 **Travel Grant**, International Institute of Forecasting *USD 4,000*
- 2012 **First Prize in Economic Research**, Universidad Nacional de Rosario & Fundación Banco Municipal *ARS 7,500*
- 2011 **Undergraduate Research Fellowship**, National Agency for Scientific and Technological Promotion