

## TOMÁS DOMÍNGUEZ-IINO

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# NEW YORK UNIVERSITY

## Education

PhD in Economics, New York University, 2015-2021 (expected)  
Thesis Title: *Essays in Industrial Organization and Spatial Economics*  
MA in Economics, Universidad Torcuato Di Tella, 2013-2014  
BA in Economics, Universidad Torcuato Di Tella, 2007-2011

## References

Professor Alessandro Lizzeri  
Julis Romo Rabinowitz Building  
Princeton, NJ 08544  
609-258-4000 (office)  
lizzeri@princeton.edu

Professor Guillaume Fréchette  
19 West Fourth St., 6<sup>th</sup> Floor  
New York, NY 10012-1119  
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Professor Elena Manresa  
19 West Fourth St., 6<sup>th</sup> Floor  
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212-998-8958 (office)  
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Professor Paul T. Scott  
44 West Fourth St., 7<sup>th</sup> Floor  
New York, NY 10012-1119  
707-728-5669 (office)  
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## **Teaching and Research Fields**

Industrial Organization, Trade, Spatial Economics, Environmental Economics

### Teaching Experience

<u>New York University</u>	
Spring 2020	Introduction to Microeconomics, TA for Henry Ma
Spring and Fall 2019	Introduction to Macroeconomics, TA for Andrew Paizis
Fall 2018	Introduction to Microeconomics, TA for Maharukh Bhiladwalla
Spring 2018	Introduction to Econometrics, TA for Michael Gilraine
Fall 2017	Industrial Organization, TA for Hunt Allcott
Spring 2017	Introduction to Macroeconomics, TA for Gerald McIntyre

## Universidad Torcuato Di Tella

Fall 2015  
Spring 2014  
Fall 2014  
Spring 2013  
Fall 2013

Intermediate Macroeconomics, TA for Emilio Espino  
Graduate Macroeconomics, TA for Francisco Ciocchini  
Graduate Probability, TA for Alejandra Clemente  
Law and Economics, TA for Osvaldo Schenone  
Introduction to Microeconomics, TA for Hernán Ruffo

## Research Experience and Other Employment

### Research Assistant

2020-present  
2018-2019

2014-2015

RA for Guillaume Fréchette and Alessandro Lizzeri.  
RA for Arpit Gupta and Theresa Kuchler. Project: Identifying spatial search from geo-coded mobile app data.  
RA for Emilio Espino and Juan M. Sánchez. Project: UI design in high informality labor markets.

### Non-academic Employment and Other Activities

2012  
2011-2012  
2009-2010  
2007-2008  
2006

Search Engine Analyst at Yellow New Zealand  
Search Engine Strategist at Google Argentina  
Online Fraud Prevention Analyst at Mercadolibre.com  
General Motors Recall Analyst at IBM Argentina  
U-19 Rugby World Cup National Team, Trinidad and Tobago

## Honors, Scholarships, and Fellowships

2019

Best Job Market Paper Prize, European Economic Association\*  
Best Student Paper Prize, Urban Economics Association\*  
Data Funding Grant, CV Starr Center for Applied Economics  
Data Funding Grant, CV Starr Center for Applied Economics  
Henry M. MacCracken Fellowship, New York University

\*shared with co-author

## Professional Activities

### Conference/seminar presentations

2020

University of Chicago/Northwestern University (EMCON 2020)  
University of Pennsylvania (Young Economist Symposium)  
University of Warwick (8<sup>th</sup> Economics PhD Conference)  
Urban Economics Association (Annual Meeting)  
Universidad Torcuato Di Tella (Weekly Seminar)  
Spanish Economic Association (Annual Symposium)  
NYU internal seminars (Applied Micro, Econometrics, Stern)

2019

London School of Economics (UEA PhD Workshop)  
Washington University in St. Louis (14<sup>th</sup> EGSC Conference)  
Universidad Torcuato Di Tella (Annual Economics Conference)  
NYU internal seminars (Applied Micro, Econometrics)

2018

NYU (Applied Micro Lunch)

2017

NYU (Applied Micro Lunch)

2011

Universidad Nacional de Mar del Plata (46<sup>th</sup> AAEP Meeting)

## Reading groups

NYU Spatial Economics Reading Group (founding organizer)  
NYU Industrial Organization Reading Group

## Research Papers

### *Efficiency and Redistribution in Environmental Policy: An Equilibrium Analysis of Agricultural Supply Chains (Job Market Paper)*

This paper provides an equilibrium framework to evaluate environmental policy in trade-exposed industries with imperfectly competitive supply chains. The empirical application is to the South American agricultural sector, a global agricultural powerhouse with a major environmental impact, whose trade flows are intermediated by a concentrated agribusiness sector. On the supply side, I innovate by introducing three key margins driving agricultural emissions—deforestation, commodity choice, and input substitution in livestock production. On the demand side, I innovate by introducing market power along the supply chain, requiring atomistic farmers to sell their output to monopsonistic intermediaries in order to access consumer markets. Given the infeasibility of a first-best carbon tax, I use my framework to evaluate second-best alternatives, such as environmental tariffs on imports from South America. Unless all trading partners regulate their imports, emissions reductions achieved by regulated markets are mostly offset by increased trade flows to non-regulated markets. Apart from being inefficient, unilateral tariffs have regressive distributional effects across space, since farmers in the poorest regions disproportionately bear the burden of environmental regulation through lower farm-gate prices. Agribusiness monopsony power exacerbates this effect due to higher pass-through rates onto farmers from these regions, since this is where supply is most inelastic. Thus, policies targeting a single externality can exacerbate other market distortions—not only in efficiency terms, but also in skewing the distribution of the remaining surplus.

### *Location Sorting and Endogenous Amenities: Evidence from Amsterdam (with Milena Almagro, Chicago Booth/Minneapolis Fed)*

This paper argues the endogeneity of amenities plays a crucial role in the welfare distribution of a city's residents by reinforcing location sorting. We quantify this channel by leveraging spatial variation in tourism flows and the entry of home-sharing platforms, such as Airbnb, as shifters of location characteristics to estimate a dynamic model of residential choice. In our model, consumption amenities in each location are the equilibrium outcome of a market for services, which are supplied by firms and demanded by heterogeneous households. We estimate the model using detailed Dutch microdata, which allows us to track the universe of Amsterdam's residents over time and the evolution of a rich set of neighborhood amenities. Our results indicate significant heterogeneity across households in their valuation of different amenities, as well as in the response of amenities to demographic composition. We show that allowing for this endogenous response increases inequality between demographic groups whose preferences are closely aligned, but decreases it if substantially misaligned, suggesting heterogeneity in the two-way mapping between households and amenities plays a crucial distributive role. Finally, we highlight the distributional implications of our estimates by evaluating currently debated policies, such as zoning, as well as price and quantity regulations in housing markets.

### *The Economic Geography of Apartheid (with Matthew Sharp, London School of Economics)*

Between 1948 and 1994, South Africa was governed under Apartheid, one of the most infamous regimes of institutionalized racism in modern history. At the system's core was the geographic segmentation of all markets along racial lines—importantly, labor, housing, and non-tradable consumption. Internal migration was severely restricted, with much of the black population forced to live in rural homelands while cities were reserved mostly for whites. We study the period between 1986 and 1996, when

Apartheid was progressively dismantled, using data from Apartheid-era and modern South African censuses. Within a decade of removing internal migration restrictions, the demographic structure of urban areas changed dramatically: in the median South African city the black-to-white population rose from 0.5 to 5. We exploit this unique historical setting to understand how the spatial distribution of economic activity is shaped by migration restrictions and how persistent it is once they are removed.

### **Other Information**

Programming skills

Python, R, Stata, Matlab, LaTeX

Languages

Spanish (native), English (native), French (basic)

Citizenship

Argentina, US F1 student visa