

**MILENA ALMAGRO**  
[milena-almagro.com](http://milena-almagro.com)  
[m.almagro@nyu.edu](mailto:m.almagro@nyu.edu)

## **NEW YORK UNIVERSITY**

Address 19 West 4<sup>th</sup> St, 6<sup>th</sup> Floor  
New York, NY 10012  
Phone 917-913-4779 (mobile)

Placement Director: Alberto Bisin [alberto.bisin@nyu.edu](mailto:alberto.bisin@nyu.edu) 212-998-8916  
Graduate Administrator: Ian Russell Johnson [ian.johnson@nyu.edu](mailto:ian.johnson@nyu.edu) 212-998-8901

### **Education**

PhD in Economics, New York University, 2014-2020 (expected)  
Thesis Title: *Essays on Spatial and Applied Microeconomics*  
MSc in Mathematical Economics and Econometrics, London School of Economics, 2013-2014  
BA in Economics, University of Cambridge, 2011-2013  
BSc+MSc in Mathematics, Universidad Complutense de Madrid, 2006-2011

### **References**

Professor Alessandro Lizzeri New York University 19 West 4 <sup>th</sup> St, New York, NY (212) 992-8907 <a href="mailto:Alessandro.lizzeri@nyu.edu">Alessandro.lizzeri@nyu.edu</a>	Professor Guillaume R. Frech��tte New York University 19 West 4 <sup>th</sup> St, New York, NY (212) 992-8683 <a href="mailto:frechette@nyu.edu">frechette@nyu.edu</a>
Professor Elena Manresa New York University 19 West 4 <sup>th</sup> St, New York, NY <a href="mailto:Em1849@nyu.edu">Em1849@nyu.edu</a>	Professor Tobias Salz Massachusetts Institute of Technology 77 Massachusetts Avenue, Cambridge, MA <a href="mailto:tsalz@mit.edu">tsalz@mit.edu</a>

### **Teaching and Research Fields**

Industrial Organization, Urban Economics, Applied Microeconomics, Applied Theory

### **Teaching Experience**

Fall, 2018	Introduction to Econometrics, BA, NYU, TA for S. Traiberman
Spring, 2017	Introduction to Microeconomics, BA, NYU, TA for M. Lieberman
Fall, 2017	Introduction to Microeconomics, BA, NYU, TA for M. Bhiladwallha
Spring, 2016 & 2017	Econometrics II, PhD, NYU, TA for T. Cogley and T. Christensen

### **Research Experience and Other Employment**

2016-2018	Research Assistant, NYU for G. R. Frech��tte, A. Lizzeri, and T. Salz
2016	Research Assistant, NYU for J. Montiel-Olea

### **Awards, Grants, and Fellowships**

2019	Best Student Paper Prize, Urban Economics Association
2019	Data Grant, CV Starr Center for Applied Economics
2019-2020	Dissertation Writing Fellowship, NYU
2014-2019	MacCracken Fellowship, NYU
2013-2014	Postgraduate Studies Fellowship, Obra Social La Caixa
2012	1 <sup>st</sup> Class Academic Award, St Edmund's College, Cambridge University

## **Professional Activities – Invited Talks and Conferences**

- 2019 YES (Columbia, NYC), 14<sup>th</sup> Meeting Urban Economics Association (Philadelphia FRB),  
Econometric Society European Winter Meeting (Erasmus University, Rotterdam)
- 2017 CEMFI, SAET (Faro), Universidad de Vigo

## **Research Papers:**

### **Job Market Paper**

*Location Sorting and Endogenous Amenities: Evidence from Amsterdam*, with T. Domínguez-Iino.

This paper argues that the endogeneity of amenities plays a crucial role for 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 an 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, as well as the evolution of a rich set of neighborhood amenities. Our estimation results indicate significant heterogeneity in key preference parameters across household types. We highlight the distributional implications of our estimates by evaluating counterfactual policies to regulate tourism, such as zoning, price, and quantity regulations, speaking to a classic trade-off between efficiency and equity.

### **Publications**

*The Construction of National Identities*, with David Andrés-Cerezo.

Forthcoming in *Theoretical Economics*.

This paper explores the dynamics of nation-building policies and the conditions under which a state can promote a shared national identity on its territory. A forward-looking central government that internalizes identity dynamics shapes them by choosing the level of state centralization. Homogenization attempts are constrained by political unrest, electoral competition and the intergenerational transmission of identities within the family. We find nation-building efforts are generally characterized by fast interventions. We show that a zero-sum conflict over resources pushes long-run dynamics toward homogeneous steady states and extreme levels of (de)centralization. We also find the ability to foster a common identity is highly dependent on initial conditions, and that country-specific historical factors can have a lasting impact on the long-run distribution of identities.

### **Work in Progress**

*Patient-Specific Information and New Drug Adoption: Evidence from Digital Health*, with J. Elliott.

With the rise of digital health technologies, health care professionals increasingly have access to detailed real-time data on their patients. We evaluate to what extent access by physicians to this patient-specific information leads to more efficient patient-drug matches, especially in the context of the introduction of new drugs. To do so, we use data on hemophiliacs from a digital health app that allows patients to record treatments and symptoms (bleeding). A unique feature of our data is that we observe whether physicians access patient information and what information they observe. We leverage this aspect of the data to establish how patient information about drugs' effects influences own prescriptions and the adoption of new drugs, which vary in effectiveness and in the rate of adoption. Additionally, we examine how the information diffuses across patients common to a physician and also within physicians' social networks. We find that patient-specific information has a significant effect on the probability of adoption of new drugs and that there are large spillover effects across a physician's patients as well as within physicians' social networks.

*Arbitrage and Firm Heterogeneity in a Competitive Market: Evidence from the NYC Taxi Industry*, with G. R. Frechétte, A. Lizzeri, and T. Salz.

*Endogenous Nests in Discrete Choice Models*, with E. Manresa.