

MATTEO IUDICE

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EDUCATION

Brown University , Ph.D. in Economics	<i>May 2016 - Feb 2022</i>
Brown University , M.A. in Economics	<i>Aug 2015 - May 2016</i>
Bocconi University , M.Sc. in Economics and Social Sciences	<i>Sep 2011 - Mar 2014</i>
Bocconi University , B.Sc. in Finance	<i>Sep 2008 - Sep 2011</i>

WORK EXPERIENCE

Amazon, Seattle, WA , <i>Economist II – Core AI, Product Assurance Risk and Security</i>	March 2022 - present
<ul style="list-style-type: none">Using causal inference to answer business' questions related to product safety.	
Amazon, Seattle, WA , <i>Economist Intern – Core AI</i>	May 2021 - Jul 2021
<ul style="list-style-type: none">Produced a short research paper (and a companion business-facing document) on product safety. Results have been obtained using Difference in Differences (DID) with Coarsened Exact Matching (CEM), Propensity Score Matching (PSM), and Double/Debiased Machine Learning (DML). The analysis required handling large dataset using Spark, SQL, and AWS remote computing	
Amazon, Seattle, WA , <i>Economist Intern – Workforce Intelligence</i>	Jun 2020 - Aug 2020
<ul style="list-style-type: none">Produced a short research paper (and a companion business-facing document) describing the impact of COVID-19 on Amazon's workforce, using Difference in Differences (DID); presented my findings to economist and non-economist stakeholders	
Brown University, Providence, RI , <i>Teaching and Research Assistant</i>	Jun 2016 - Dec 2021
<ul style="list-style-type: none">TA duties included coordinating a group of 8 TAs, holding weekly sections and office hours, grading hundreds of testsAs an RA for Prof. Michalopoulos, I used African census data to explore: (i) inequality in education along religious or ethnic lines, and (ii) the role played by political representation of ethnic groups in the intergenerational transmission of cultureAs an RA for Prof. Eggertsson, I worked on hyperinflation crises: the project involved digitizing time series of macroeconomic indicators to calibrate a toy model that accounts for hyperinflation	
European Central Bank, Frankfurt am Main, DE , <i>Junior Consultant</i>	May 2014 - Apr 2015
<ul style="list-style-type: none">Contributed to the collection of firm-level data from the 27 national central banks in Europe; this involved preparing a Stata script to be run on the confidential datasets owned by national banks in order to compute only moments of the distribution of the variables of interestContributed to the competitiveness analysis of firm using data provided by national central banks and published an ECB working paper (with coauthors)	
National University of Singapore, Singapore, SG , <i>Visiting Fellow</i>	Jul 2015
<ul style="list-style-type: none">Held a workshop on the firm-level competitiveness analysis toolbox used while working at the European Central Bank	

RESEARCH IN PROGRESS

Poverty Targeted Cash Transfers & Attitudes Toward Redistributive Policies , <i>with R. R. Jamil</i>	
<ul style="list-style-type: none">We study how poverty-alleviating cash transfers targeting women in Pakistan are changing their attitudes toward welfare, using a regression discontinuity design	
Being Seen by the State: Programmatic Cash Transfers and Women's Political Participation in Pakistan , <i>with R. R. Jamil</i>	
<ul style="list-style-type: none">We study how poverty-alleviating cash transfers targeting women in Pakistan are changing their political participation, using a regression discontinuity design	

SKILLS

Data Analysis	R, Stata, Python, SQL, Spark, TensorFlow
Software & Tools	AWS S3, Sagemaker, UNIX server, GIS, L ^A T _E X, MS Office
Project Management	Agile, Scrum
Languages	Italian (native), English (fluent), French (advanced), German (elementary)

INTERESTS

- Cooking, especially with ferments and yeasts (sourdough, kombucha, pickles)
- Mixing music: disco, soul, and electronic
- Hiking and spending time immersed in nature
- Swimming, running, biking