

Ricardo Dahis

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Education	Northwestern University, PhD, Economics Northwestern University, MA, Economics PUC-Rio, MA, Economics PUC-Rio, BA, Economics Sciences Po Paris, Exchange student	Expected 2021 2017 2015 2012 2010-2011
Relevant Positions	RA to Prof. Seema Jayachandran (at JPAL Bangalore, India) RA to Prof. Nancy Qian, Northwestern RA to Prof. Jesse Shapiro, Brown University RA to Prof. Erika Deserranno, Northwestern RA to Prof. Claudio Ferraz, PUC-Rio RA at Climate Policy Initiative Rio RA to Prof. Marcio Garcia, PUC-Rio	Winter 2018 Summer 2017 - Present Summer 2016 Jan-Jul 2016 Jul-Dec 2012 May 2011-Apr 2012 Apr 2009-May 2010
Teaching Experience	Statistical Decision Analysis (Executive MBA Kellogg, Prof. Nancy Qian) Economics of Education (Undergrad, NU, Prof. Scott Ogawa) Economic Growth and Development (Undergrad, NU, Prof. Martí Mestieri) Economics of Developing Countries (Undergrad, NU, Prof. Seema Jayachandran) Econometrics I (Graduate, PUC-Rio, Prof. Marcelo Medeiros) Game Theory (Undergraduate, PUC-Rio) Microeconomics I (Undergraduate, PUC-Rio)	Fall 2018, Winter 2019, Fall 2019 Spring 2017 Winter 2017 Fall 2016 Spring 2014 Spring 2012 Spring 2010
Honors, Awards and Networks	Susan Schmidt Bies Prize for Doctoral Student Research on Economics and Public Policy, 2018 BRASA Mentorship Program, 2018 Distinguished TA Award for 2016-17, Northwestern Doctoral Fellowship 2015-2016, Northwestern CAPES Scholarship 2013-2015	
Professional Service	Chicago4Brazil Conference 2019 (organizing committee, case co-creator) - http://www.chicago4brazil.com Empirics and Methods in Economics Conference (EMCON) 2016 - 2018 Northwestern and University of Chicago (founder and co-organizer) - https://emconference.net	
Refereeing Activities	2018: Journal of Development Economics	

Invited Presentations 2018: MIEDC
 2017: EMCON (U. Chicago), Human Nature Group (UCSD)
 2016: DEVPEC (UC Berkeley)

Working Papers **Voluntary Secessions and Development: Evidence from Brazilian Municipalities** (with Christiane Szerman)
 We exploit a period of proliferation of new administrative units in Brazil between 1988 and 2010, in which 1,146 municipalities were created (an increase of 35%), to investigate the short- and medium-term effects of secessions on socio-economic outcomes. We first argue that elite capture and fiscal incentives play an important role in secessions. Because the decision to secede is not random, we collect data on municipalities that had secession requests denied due to a Constitutional Amendment that curbed the formation of new municipalities after 1996 to create a control group for municipalities that seceded. Using past tract-level Census data to reconstruct outcomes for new boundaries, we find that secession is associated with better education, health, wealth, and public service outcomes. We document that the positive effects are mostly driven by new municipalities, while old municipalities present negligible changes. We show that increases in revenues do not fully explain our findings and we discuss further mechanisms, such as changes in state capacity, infrastructure, and migration.

The Fluidity of Race: “Passing” in the United States, 1880-1940 (with Emily Nix and Nancy Qian)

This paper quantifies the extent to which individuals experience changes in reported racial identity in the historical U.S. context. Using the full population of historical Censuses for 1880-1940, we document that over 19% of black males “passed” for white at some point during their lifetime, around 10% of whom later “reverse-passed” to being black; passing was accompanied by geographic relocation to communities with a higher percentage of whites and occurred the most in Northern states. The evidence suggests that passing was positively associated with better political-economic and social opportunities for whites relative to blacks. As such, endogenous race is likely to be a quantitatively important phenomenon.

Is Economics a Science? Not Yet.

Is economics a science? Answering this question is not only necessary for philosophical clarity, but also crucial for knowing how seriously to take economists’ claims and advice about public policy. Nevertheless, even among practitioners and academics, consensus is nonexistent. This paper resolves the conundrum in two steps. First I discuss some epistemology of science, defining clearly various concepts necessary to the debate. Several fallacies are clarified, such as “a theory may never be proved true, but only not falsified”, “a model is useful because it simplifies reality” or “data mining is bad”. In light of solid philosophical ground, I then discuss the practice and methodology of modern economics. The answer to the title question is a perhaps disappointing, but realistic, not yet. I conclude with prescriptions for a path towards a more scientific discipline.

On Randomness and Probability

This essay provides coherent definitions of two bedrock concepts in philosophy and statistics: randomness and probability. When constructing the first, I define repeatability, the measurement set, and distinguish between frequency vs. value prediction. The definition of randomness proposed, namely of a random variable not being perfectly value-predictable for any given information set, is stronger than those commonly used in the literature. Second, after defining probability as a theory about a variable’s potential frequency distribution, I argue that the dichotomy between frequentist and bayesian interpretations is illusory. I conclude with remarks about knowledge and determinism.

Choosing Institutions Locally: Determinants of Legislative Size in Brazil

How are institutions determined? This paper studies how legislators locally choose an important dimension of local electoral systems, namely legislative size. To achieve this end, I construct a

novel data set comprised of seat proposals and individual legislators' votes to increase or not legislative size during the pre-2012 election period for a sample of municipalities in Brazil. I then outline and estimate a structural discrete choice model of legislative vote, in which legislators play a strategic game and also decide whether to run for reelection or not. I find that legislators weigh on average approximately 34% reelection payoffs and 66% social welfare when choosing seats. With these results, I run some counterfactual analyses varying the population caps' function that federal government chooses.

Op-eds Educação: O útil, o divertido e o inútil. Nexo Jornal 2016/07/02.
<https://www.nexojornal.com.br/ensaio/2016/Educa%C3%A7%C3%A3o-o-%C3%BAtil-o-divertido-e-o-in%C3%BAtil>

Languages Portuguese (native), English (fluent), French (fluent), Spanish (intermediate), German (intermediate), Hebrew (basic)

Skills Stata, Python, Julia, R, Matlab, Fortran, ArcGIS, LaTeX