Curriculum Vitae

Rafael Campello de Alcantara

Insper - Institution of Education and Research
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https://rafaelcalcantara.github.io/

Areas of interest

Impact evaluation, data science, machine learning, bayesian statistics, structural econometrics, innovation economics, industrial organization

Education

Formal education

2020-2024	PhD in Business Economics
	Insper - Institute of Education and Research, São Paulo, Brazil
	Dissertation: A Constrained BART Model
	For Identifying Heterogeneous Treatment Effects
	In Regression Discontinuity Designs
	Advisor: Hedibert Freitas Lopes
2018-2020	MSc in Applied Economics
	Universidade de São Paulo, USP, São Paulo, Brazil
	Thesis: Estimation of the R&D Elasticity in Brazil:
	An Unobserved Common Factor Approach
	Advisor: Sérgio Kannebley Júnior
2013-2017	BA in Economics
	Universidade de Brasília, UnB, Brasília, Brazil
	Advisor: Andrea Felippe Cabello

Complementary education

2020	Introduction to SQL (4h)
	DataCamp, DataCamp, Inc.
2020	Introduction to Git (4h)
	DataCamp, DataCamp, Inc.
2017	Tutoring program in R (60h)
	Universidade de Brasília, UnB, Brasília, Brazil
2017	Introduction to R (4h)
	DataCamp, DataCamp, Inc.

Experience

Research

2023	Visiting scholar
	School of Mathematical and Statistical Sciences, Arizona State University
	Sponsor: Paul Richard Hahn
2022	Insper, São Paulo, Brazil
	Research Assistant
	Supervisors: Naércio Aquino Menezes Filho, Camila de Freitas Souza Campos
2016-2017	Universidade de Brasília, UnB, Brasil
	Member of the editorial board of the student journal "O Eco da Graduação"
	Coordinator: Andrea Felippe Cabello
2016-2017	Universidade de Brasília, UnB, Brasil
	Scientific initiation program: "Analysis of Net Neutrality Policies and their Impacts"
	Supervisor: Andrea Felippe Cabello

Teaching

2023	Insper, São Paulo, Brazil
	Teaching assistant of Bayesian Econometrics
	Professor: Hedibert Freitas Lopes
2022	Insper, São Paulo, Brazil
	Teaching assistant of Bayesian Learning
	Professor: Hedibert Freitas Lopes
2019	Universidade de São Paulo, USP, São Paulo, Brazil
	Teaching assistant of Macroeconomics 1
	Professor: Rudinei Toneto Júnior
2019	Universidade de São Paulo, USP, São Paulo, Brazil
	Teaching assistant of Introduction to Macroeconomics
	Professor: Rudinei Toneto Júnior
2015	Universidade de Brasília, UnB, Brasília, Brasil
	Teaching assistant of Economic Formation of Brazil
	Professor: Flávio Rabelo Versiani

Scientific Presentations

Conference Talks

1. *Bayesian Additive Regression Trees For Regression Discontinuity Designs* (with Hedibert Lopes), 44th Meeting of the Brazilian Econometric Society, December 2022

2. *A Modified BART Prior for Regression Discontinuity Designs* (with Meijia Wang, P. Richard Hahn, Hedibert Lopes), NBER-NSF Seminar on Bayesian Inference in Econometrics and Statistics, August 2023

Papers

Published

1. **ALCANTARA, R.** ; KANNEBLEY JR, S. Elasticidade de P&D na Indústria Brasileira e Transbordamentos - Uma abordagem de fatores comuns não-observados. Economia Aplicada (Accepted publication)

2. **ALCANTARA, R.** Análise de políticas de neutralidade de rede e seus impactos. O Eco da Graduação, v. 2, p. 63-73, 2017

3. CABELLO, A. F. ; **ALCANTARA, R.** ; GOMES, Y. C. ; WILBERT, M.D. ; RAMOS, A. A. ; GOMES, E. M. ; KUDIESS, G. ; SANTOS, A. ; CARNEIRO, C. A. B. D. ; RIBEIRO, P. V. A História das Origens do Departamento de Economia da Universidade de Brasília. O Eco da Graduação, v. 1, p. 1-19, 2016.

Accepted for publication

1. R&D Elasticity in Brazilian Manufacturing and Spillovers - An Unobserved Common Factors Approach: accepted for publication at the Brazilian Journal of Applied Economics

Technical skills

Advanced R, intermediate Stata, basic SQL

Language

Native Portuguese, fluent English