
JOSÉ BAYOÁN SANTIAGO CALDERÓN

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Citizenship: United States of America

Personal Website: jbsc.netlify.com

Appointments and Employment

Postdoctoral Research Associate

University of Virginia

2019 – Current

Social & Decision Analytics Division, Biocomplexity Institute & Initiative

Scientific Computing Intern in Predictive Healthcare Analytics

University of Maryland

2018 – 2019

Center for Translational Medicine, School of Pharmacy

Lead Developer

QuantEcon

2018 – 2019

Research Consultant and Data Scientist

Res-Intel, a wholly-owned subsidiary of Policy Consultants, LLC

2016 – 2018

Education

2019 PhD Economics

Claremont Graduate University

2015 MA Economics

Claremont Graduate University

2014 BA Economics

Southwestern University

Fields of Research

Computational Economics, Program Evaluation, Data Science

Skills

Programing Languages: Julia, R, Python, Stata, ArcGIS Pro, NetLogo

Areas of Expertise: Econometrics, Machine Learning, National Language Processing (NLP)

Refereed Publications

José Bayoán Santiago Calderón. 2019. “Econometrics.jl” [in English]. In *6th JuliaCon Conference*, edited by Valentin Churavy and Mathieu Besançon. Baltimore, MD, USA, September 22. Forthcoming. <https://github.com/Nosferican/Econometrics.jl/blob/master/paper/paper.pdf>

Presentations

- Carol Robbins, Gizem Korkmaz, José Bayoán Santiago Calderón, Daniel Chen, Aaron Schroeder, Claire Kelling, Stephanie S. Shipp, and Sallie Keller. 2019. “Open Source Software as Intangible Capital: Measuring the Cost and Impact of Free Digital Tools.” In *Government Advances in Statistical Programming (GASP!) Workshop*. Washington, DC, September 23. <https://scholar.google.com/scholar?oi=bibs&hl=en&cluster=16290588106234930952>
- José Bayoán Santiago Calderón, Keren Chen, Hannah Brinkley, Eirik Iversen, Daniel Chen, and Gizem Korkmaz. 2018. “Measuring the Cost and Value of Open Source Software.” In *Data Science for the Public Good Program Symposium*. Arlington, VA, August 9. <https://bit.ly/jbsc-dspg-2018-nsf-oss>
- José Bayoán Santiago Calderón, Hannah Brinkley, Alexa Nosal, Kelsey McMahon, Megan Grondine, Aaron Schroeder, and Gizem Korkmaz. 2018. “Evaluating the Impact of the Arlington Restaurant Initiative on Alcohol-Related Crimes in Clarendon.” In *Data Science for the Public Good Program Symposium*. Arlington, VA, August 9. <https://bit.ly/jbsc-docs-dspg-2018-acpd-ari>

Certificates

- 2019 Preparing Future Faculty Certificate in College Teaching
- 2017 Statistics with R, a 5-course specialization by Duke University on Coursera
- 2017 Machine Learning, a 4-course specialization by University of Washington on Coursera
- 2016 Fundamentals of Computing, a 7-course specialization by Rice University on Coursera
- 2015 Data Science, a 9-course specialization by Johns Hopkins University on Coursera

Teaching (Assistant)

- 2016 Advanced Research Methods (Graduate), Michigan State University
- 2015 Principles of Microeconomics (AP), Johns Hopkins University
- 2014 Intermediate Microeconomics (Undergraduate), Southwestern University
- 2014 Principles of Economics (Undergraduate), Southwestern University

References

Gizem Korkmaz

Research Associate Professor

University of Virginia

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Aaron Schroeder

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Sallie Ann Keller

Director & Professor of Public Health Sciences

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Hisam Sabouni

Clinical Assistant Professor

Claremont Graduate University

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