Gabriel Ruiz | Résumé

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Objective

Graduate level statistician and budding machine learning specialist doing work in causal inference, including causal discovery (learning a causal Bayesian network's graph structure), estimation of treatment effect heterogeneity across a propensity or prognostic score, and multivariate trend filtering (e.g. fused lasso) of time-varying or network-varying signals, seeking to apply this and related knowledge at your company.

Education

PhD Student – Dept. of Statistics, University of California, Los Angeles   Fall 17-current

B.S. Statistics, Magna Cum Laude - University of California, Riverside   2013-2017

Publications

OA Vsevolozhskaya, **G Ruiz**, DV Zaykin. "Bayesian prediction intervals for assessing P-value variability in prospective replication studies." *Translational Psychiatry,* 2017.

OA Vsevolozhskaya, CL Kuo, **G Ruiz**, L Diatchenko, DV Zaykin. "The more you test, the more you find: The smallest P-values become increasingly enriched with real findings as more tests are conducted." *Genetic Epidemiology,* 2017.

Experience

Data Science Intern - Data Science Group in Digital Experience, Adobe Inc., San Jose, CA   Summer 2019

Summer Intern and 2017 GEM Fellow - Perception & Localization Group, Draper Laboratory, Cambridge, MA   Summer 2017

Undergraduate Researcher - Biostatistics and Computational Biology Branch, NIH-National Institute of Environmental Health Sciences   Summer 2016

President - Highlander Statistics Society (HiSS), Student Chapter of the American Statistical Association at University of California, Riverside   June 2015-June 2016

Honors

National Science Foundation Graduate Research Fellowship   April 8, 2019

Chancellor Rosemary S. J. Schraer Award - 2017 Honors Convocation, University of California, Riverside   May 22, 2017

Technical Skills/Miscellaneous

- Programming Languages and Software: C++ (Armadillo C++ Linear Algebra Library), R (tidyverse, glmnet, RcppArmadillo, Keras), Version Control, Linux/Unix OS, Python (scikit-learn, numpy, pandas, Jupyter notebooks).
- Fluent in Spanish (Grew up speaking English and Spanish dually).
- Website: http://www.stat.ucla.edu/~gabrielruiz/