

Galileu Kim

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EDUCATION

Princeton University (Princeton, NJ) Expected December 2020

- Ph.D. in Political Science, GPA: 3.77/4.00
- Lassen Fellowship Recipient, outstanding Latin American scholars.

University of Pennsylvania (Philadelphia, PA) May 2013

- B.A. in Political Science and Economics, GPA: 3.85/4.00
- *Summa cum laude*, with honorary degree in Political Science.

WORK EXPERIENCE

Data Scientist July 2019 - Present
Elogroup Brasilia, Brazil

- Develop end-to-end data pipeline and fraud detection algorithm in federal payroll, increasing recovery rates by 40% on annual 30+ billion USD
- Identify, using clustered classification, 60+ million at-risk workers and prioritize governmental assistance through employment program
- Collaborate in an agile (SCRUM) environment with small data science team to design large-scale solutions subject to time constraints
- Communicate project findings to senior government officials at the Ministry of Finance, including Secretary of Labor
- Deploy high-performance clusters (HPC), cloud-based technologies (Azure Databricks) and statistical software (R, Python)

TECHNICAL SKILLS

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- **Statistical analysis:** causal inference, experimental design, spatial analysis, data manipulation, data visualization.
 - **Programming:** R, Python, SQL, PySpark, Azure Databricks, Stata, Git
 - **Languages:** Portuguese, Spanish, French, German (basic)

RESEARCH EXPERIENCE

Graduate Researcher September 2015 – Present
Princeton University Princeton, NJ

- Apply multilevel statistical model to large-scale administrative data to assess impact of bureaucratic turnover on public education in Brazil
- Complete quantitative reasoning sequence (2-year graduate coursework), including topics in causal inference, regression, NLP, Bayesian inference.
- Instruct 90+ students in advanced courses on statistical modeling, causal inference, and data wrangling in programming language R
- Present findings in academic conferences, including the American Political Science Association, a top venue for political science research

Research Associate
Instituto del Perú

July 2013 – May 2015
Lima, Peru

- Created a novel index of adoption of agricultural technologies in Peru, financed by the Food and Agriculture Organization (FAO)
- Co-authored with president of Peruvian Central Bank a book on the economic development of poor municipalities in the Andes

AFFILIATIONS

- Brazil Lab, Latinx Graduate Student Association, Princeton Graduate Consulting Group, Brazilian Professionals Abroad

SELECTED PAPERS

- Iaryczower, Matias, Galileu Kim and Sergio Montero. "Representation Failure." *R&R at the American Journal of Political Science*.
- Kim, Galileu. "Government through Patronage: Bargaining for Education in Decentralized Brazil."
- Ferrali, Romain and Galileu Kim. "Are anti-corruption audits effective? Evidence from Brazilian Municipalities."
- Kim, Galileu and James Mao. "Corporate Interests and Campaign Donations in Brazilian Municipalities."

SELECTED CONFERENCE PRESENTATIONS

- **Panel**, American Political Science Association. "Governing through Patronage: Bargaining for Education in Decentralized Brazil." 2020
- **Panel**, American Political Science Association. "Are anti-corruption audits effective? Evidence from Brazilian Municipalities." 2020
- **Panel Chairman**, Latin American Studies Association. "The Cost of Governing: Coalitional Politics and Bureaucratic in Brazil."
- **Panel Chairman**, Latin American Studies Association. "Bridging the Gap: local state capacity and educational performance in Brazil." 2017

TEACHING EXPERIENCE

- **Applied Quantitative Analysis**, 30+ students
- **Introduction to Comparative Politics**, 120+ students
- **Introduction to Quantitative Social Sciences**, 250+ students

HONORS AND AWARDS

2019 Dissertation Fellow for the Program in Latin American Studies
2018 Princeton Institute for International and Regional Studies (\$2000)
2018 Program in Latin American Studies Grant (\$2,500)
2015 Lassen Fellowship Summer Research Grant (\$2,500)