Jose **Storopoli**

Associate Professor · Statistician · Data Science Consultant

Universidade Nove de Julho - UNINOVE - São Paulo - Brazil

jose@storopoli.io | storopoli.io | storopoli | storopoli | Jose Storopoli | 3ADFB49A5EBCCD1D

"Data without expertise is just noise."

Summary

- Associate Professor and Researcher of the Department of Computer Science at Universidade Nove de Julho - UNINOVE (São Paulo -- Brazil).
- Teaches undergraduate and graduate courses in Data Science, Statistics, Bayesian Statistics, Machine Learning and Deep Learning using `Julia`, `R`, `Python`, `Stan`.
- Contributor to `Julia`, `R` and `Stan` ecosystems.
- Member of the `Turing.jl` Developer Team.
- Author of the open source and open access Julia Data Science Book (translated to Portuguese and Chinese by volunteers)
- Researches, publishes and advises PhD candidates on topics about Bayesian Statistical Modeling.
- Certified RStudio Tidyverse Instructor.

Education

Fordham University — *New York, USA*

Visiting Research Fellow — *2019 - 2020*

Universidade Nove de Julho — *São Paulo, Brazil*

PhD — *2013 - 2016*

Universidade Nove de Julho — *São Paulo, Brazil*

MSc — *2009 - 2012*

Trevisan Escola de Negócios — *São Paulo, Brazil*

BA — *2005 - 2009*

Courses

Bayesian Statistics: a graduate course — *`Julia` + `Stan`*

storopoli/Bayesian-Statistics — *2022*

Ciência de Dados e Computação Científica (*Scientific Computing and Data Science*) — *`Julia`*

storopoli.github.io/Computacao-Cientifica — *2022*

Bayesian Statistics with Julia and Turing — *`Julia`*

storopoli.github.io/Bayesian-Julia — *2022*

Ciência de Dados (*Data Science*) — *`Python`*

storopoli/ciencia-de-dados — *2022*

Certifications

2021	**Foundations of Machine Learning**	*Julia Academy*
2020	**Tidyverse Instructor Certification**	*Rstudio*
2020	**Generative Adversarial Networks (GANs)**	*Coursera*
2020	**Machine Learning Engineer**	*Udacity*
2020	**Computational Modeling with Julia**	*Julia Academy*
2019	**Python Data Analyst**	*DataCamp*
2018	**Python Programmer**	*DataCamp*
2018	**R Data Scientist**	*DataCamp*
2018	**Improving Neural Networks**	*Coursera*
2018	**Neural Networks and Deep Learning**	*Coursera*
2018	**Machine Learning**	*Coursera*
2018	**Structural Equation Modeling (SEM)**	*FGV*

Talks

JuliaCon - Introduction to `Julia` Language — *youtu.be/uiQpwMQZBTA* — *2022*

R in Pharma - Introduction to `Julia` Language — *youtu.be/-ROJBkAkC5Q* — *2022*

Bayesian Statistics using `Turing.jl` and `Julia` Language — *youtu.be/CKSxxJ7RdAU* — *2021*

Selected Publications

A practitioner's guide to bayesian inference in pharmacometrics using Pumas — *arXiv.2304.04752* — *2023*

M. Tarek, **J. Storopoli**, C. Davis, C. Elrod, J. Krumbiegel, Rackauckas C., and V. Ivatury

Extracting Self-Reported COVID-19 Symptom Tweets and Twitter Movement Mobility Origin/Destination Matrices to Inform Disease Models — *Information* — *2023*

C. Rosato, R. E. Moore, M. Carter, J. Heap, J. Harris, **J. Storopoli**, and S. Maskell

Fusing Low-Latency Data Feeds with Death Data to Accurately Nowcast COVID-19 Related Deaths. arXiv:2112.08097 [stat] — *Joint Statistical Meetings (JSM): International Society for Bayesian Analysis (ISBA)* — *2022*

C. Rosato, R. E. Moore, M. Carter, J. Heap, **J. Storopoli**, and S. Maskell

Scientific Contribution List Categories Investigation: A comparison between three mainstream medical journals — *Scientometrics* — *2022*

E. M. de Souza, **J. Storopoli** and W. A. L. Alves

Media exposure and adoption of COVID-19 preventive behaviors in Brazil — *New Media & Society* — *2022*

G. S. Mesch , W. L. Braga da Silva Neto, and **J. Storopoli**