Jose **Storopoli**

COMPUTATIONAL STATISTICIAN · DATA SCIENCE CONSULTANT

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"Data without expertise is just noise."

Summary

- Director of Education and Training at PumasAI.
- 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)
- Research topics about Bayesian Statistical Modeling and Markov Chain Montercarlo.
- 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
M. Tarek, **J. Storopoli**, C. Davis, C. Elrod, J. Krumbiegel, Rackauckas C., and V. Ivatury — *2023*

Extracting Self-Reported COVID-19 Symptom Tweets and Twitter Movement Mobility Origin/Destination Matrices to Inform Disease Models
Information
C. Rosato, R. E. Moore, M. Carter, J. Heap, J. Harris, **J. Storopoli**, and S. Maskell — *2023*

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)
C. Rosato, R. E. Moore, M. Carter, J. Heap, **J. Storopoli**, and S. Maskell — *2022*

Scientific Contribution List Categories Investigation: A comparison between three mainstream medical journals
Scientometrics
E. M. de Souza, **J. Storopoli** and W. A. L. Alves — *2022*

Media exposure and adoption of COVID-19 preventive behaviors in Brazil
New Media & Society
G. S. Mesch , W. L. Braga da Silva Neto, and **J. Storopoli** — *2022*