



Jose Storopoli

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)
- Researches, publishes and advises PhD candidates on topics about Bayesian Statistical Modeling.
- Certified RStudio Tidyverse Instructor.

Education

Fordham University

VISITING RESEARCH FELLOW

New York, USA

2019 - 2020

Universidade Nove de Julho

PHD

São Paulo, Brazil

2013 - 2016

Universidade Nove de Julho

MSc

São Paulo, Brazil

2009 - 2012

Trevisan Escola de Negócios

BA

São Paulo, Brazil

2005 - 2009

Courses

Bayesian Statistics: a graduate course

STOROPOLI/BAYESIAN-STATISTICS

Julia + Stan

2022

Ciência de Dados e Computação Científica (Scientific Computing and Data Science)

STOROPOLI.GITHUB.IO/COMPUTACAO-CIENTIFICA

Julia

2022

Bayesian Statistics with Julia and Turing

STOROPOLI.GITHUB.IO/BAYESIAN-JULIA

Julia

2022

Ciência de Dados (Data Science)

STOROPOLI/CIENCIA-DE-DADOS

Python

2022

Certifications

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

Talks

JuliaCon - Introduction to Julia Language	youtu.be/uiQpwMQZBTA 2022
R in Pharma - Introduction to Julia Language	youtu.be/-R0JBkAkC5Q 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 M. TAREK, J. STOROPOLI , C. DAVIS, C. ELROD, J. KRUMBIEGEL, RACKAUCKAS C., AND V. IVATURY	<i>arXiv.2304.04752</i> 2023
Extracting Self-Reported COVID-19 Symptom Tweets and Twitter Movement Mobility Origin/Destination Matrices to Inform Disease Models C. ROSATO, R. E. MOORE, M. CARTER, J. HEAP, J. HARRIS, J. STOROPOLI , AND S. MASKELL	<i>Information</i> 2023
Fusing Low-Latency Data Feeds with Death Data to Accurately Nowcast COVID-19 Related Deaths. arXiv:2112.08097 [stat] C. ROSATO, R. E. MOORE, M. CARTER, J. HEAP, J. STOROPOLI , AND S. MASKELL	<i>Joint Statistical Meetings (JSM): International Society for Bayesian Analysis (ISBA)</i> 2022
Scientific Contribution List Categories Investigation: A comparison between three mainstream medical journals E. M. DE SOUZA, J. STOROPOLI AND W. A. L. ALVES	<i>Scientometrics</i> 2022
Media exposure and adoption of COVID-19 preventive behaviors in Brazil G. S. MESCH , W. L. BRAGA DA SILVA NETO, AND J. STOROPOLI	<i>New Media & Society</i> 2022