Pamela Solano

📞 +4915156108261　Personal Site　@ pchiroque@gmail.com　ⓘD　github　R^G　in

Affilation

PhD Researcher:　Faculty for Informatics and Data Science (FIDS) Regensburg University (UR). 📅 since April 2023 📍 Germany.

Scientific Career

• Tenure Professor in Statistics:　Department of Languages and Technologies (DTL) Federal Rural University of Rio de Janeiro (UFRRJ) 📅 2020-2022 📍 Brazil.

• Junior Research:　Centre for the Research and Technology of Agro-environmental Sciences (CITAB). Department of Mathematics, University of Trás-os-Montes e Alto Douro (UTAD) 📅 2021-2022 📍 Portugal.

Institute of Biology and SAGE-COPPE. University of Rio de Janeiro (UFRJ) 📅 2018-2020 📍 Brazil.

• Undergraduate Professor in Statistics:　Department of Statistics. Institute of Mathematics (IM) Federal University of Rio de Janeiro (UFRJ) 📅 2018-2019 📍 Brazil.

• Statistician in Social Media Research:　Department of Statistics. Kantar Media Research Peru (KMR) and Brazilian Institute of Public Opinion and Statistics (IBOPE) 📅 2007-2012 📍 Peru.

Education

• Ph.D. in Statistics* [Joint modeling of longitudinal markers and survival data] 📅 2018 📍 Brazil
• M.Sc. in Statistics* [A heavy-tailed and overdispersed collective risk model] 📅 2014 📍 Brazil
• B.Sc. in Statistics* [Quality of life and Survival Analysis approach] 📅 2007 📍 Peru
(*with Distinction)

Skills

R • Python • BUGS • JAGS • Stan • Nimble • LaTeX • Markdown • Jupiter • GIT • QGis • Google Earth Engine • Julia

Book Chapter

The Covid-19 Protection Index (CPI) as a Way to Identify Vulnerabilities and Disparities Across Brazilian Territories. In Geohazards and Disaster Risk Reduction Multidisciplinary and Integrated Approaches. Springer. 2023. [doi]

Selected Manuscripts

• Chiroque-Solano PM (2023). Identifying Heterogeneity in Regression Compositional Data Integration with Many Categories. [doi].

• Chiroque-Solano PM and Guido A. Moreira. (2022) A robust clustering method using compositional data restrictions: Studying wood properties in the reforestation of portugal. Applied Statistics in Agriculture and Natural Resources. [doi]

• Chiroque-Solano PM and Fernando Moura. (2021) A heavy-tailed and overdispersed collective risk model. North American Actuarial Journal. [doi]

• Teixeira CD, Chiroque-Solano PM, et al. (2021) Decadal (2006-2018) dynamics of Southwestern Atlantic's largest turbid zone reefs. PLoS ONE. [doi]

• Moura, Abieri, Castro, Carlos-Júnior, Chiroque-Solano et. al. (2021) Tropical rhodolith beds are a major and belittled reef fish habitat. Nature. [doi]

Service-Volunteer Experience

Advisory Service - Teaching - Researching since 2017
• Presidency of the Council of Ministers - Science and Technology Department. 📍 Peru.
• Multidisciplinary Group: Coronavirus disease-Covid19 Action. 📍 Brazil.

References Contacts

• Prof. Ralph S. Silva. Undergraduate Program Coordinator. ralph@im.ufrj.br
• Prof. Fernando Moura. Graduate Program Coordinator. fmoura@im.ufrj.br
Statistics Department. Institute of Mathematics, UFRJ. 📍 Brazil.