

Lucas da Cunha Godoy *March 20, 1992*

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Education

Universidade Federal do Rio Grande do Sul

PORTO ALEGRE, BRAZIL

Bachelor degree in Statistics

2011 – 2016

Introduction to geostatistical modelling for counting data:

Parameters estimation with different MCMC algorithms

Universidade Federal de Minas Gerais

BELO HORIZONTE, BRAZIL

Master in Statistics

2017 – 2019

Testing Spatial Association Between Two Types Polygons

University of Connecticut

STORRS, CT

PhD in Statistics

2019 – present

Experience

Department of Statistics - University of Connecticut

STORRS, CT

Statistics Cluster Admin.

Jun '21 – present

Management of the R packages and system requirements on the Cluster. Also builds general singularity containers to assure reproducibility.

Biostatistics Center - Connecticut Convergence Institute for Translation in Regenerative Engineering

FARMINGTON, CT

Graduate Assistant

Sep '20 – present

Statistical consulting for researchers of the UConn Health Center.

Agibank

PORTO ALEGRE, BRAZIL

Data Scientist

Dez '18 – Jun '19

Development of predictive models for debt collection and dashboards for monitoring its performance.

Grupo Conectt

PORTO ALEGRE, BRAZIL

Digital Intelligence Analyst

Sep '16 – Mar '17

Development of interactive monthly reports based on web data. Predictive modelling to predict which leads were more likely to become clients.

Universidade Federal do Rio Grande do Sul

PORTO ALEGRE, BRAZIL

Undergraduate Research Assistant

Apr '15 – Dec '15

Geostatistical modelling on AMBES project from Petrobras to predict and understand the impact of oil platforms physical chemical characteristics of the ocean.

Undergraduate Research Assistant

May '11 – Dec '14

Worked in several projects under supervision of Professor Sergio Bassanesi, investigating social inequalities and their impact on public health in Brazil.

Instituto Brasileiro de Geografia e Estatística

Supervisor Agent - Census

Mar '10 – Nov '10

Organization, supervision and monitoring of data collection from the 2010 Census.

Teaching

University of Connecticut

STORRS, CT

Principal Instructor

Fall 2020 - present

STAT 3445 - Introduction to Mathematical Statistics II.

Uniritter

PORTO ALEGRE, BRAZIL

Lecturer

Spring 2019

Teaching data analysis using R.

Publications

1. Amirtha Hariharan, Sarah Abu Arqub, Vaibhav Gandhi, Lucas Da Cunha Godoy, Chia-Ling Kuo, and Flavio Uribe. Evaluation of interproximal reduction in individual teeth, and full arch assessment in clear aligner therapy: digital planning versus 3d model analysis after reduction. *Progress in Orthodontics*, 23(1):1–10, 2022
2. Sarah Abu Arqub, Rebecca Voldman, Ahmad Ahmida, Chia-Ling Kuo, Lucas Da Cunha Godoy, Yousef Nasrawi, Susan N Al-Khateeb, and Flavio Uribe. Patients' perceptions of orthodontic treatment experiences during COVID-19: A cross-sectional study. *Progress in Orthodontics*, 22(1):1–12, 2021
3. Cindy Huynh, Lucas Da Cunha Godoy, Chia-Ling Kuo, Matthew Smeds, and Kwame S Amankwah. Examining the development of operative autonomy in vascular surgery training and when trainees and program directors agree and disagree. *Annals of Vascular Surgery*, 2021
4. Gloria Lin, Jenny E Murase, Dedee F Murrell, Lucas Da Cunha Godoy, and Jane M Grant-Kels. The impact of gender in mentor-mentee success: Results from the women's dermatologic society mentorship survey. *International Journal of Women's Dermatology*, 2021
5. Mina L Boutrous, Nadejda Maseto, Chia-Ling Kuo, Lucas Godoy, and Kwame Amankwah. The use of multiple carotid stents is associated with increased incidence of developing in-stent stenosis on long-term follow-up. *Journal of Vascular Surgery*, 74(3):e240–e241, 2021
6. Cindy Huynh, Lucas Da Cunha Godoy, Chia-Ling Kuo, Matthew Smeds, and Kwame S Amankwah. Examining the development of operative autonomy in vascular surgery training and when trainees and program directors agree and disagree. *Annals of Vascular Surgery*, 2021

Contributed Talks and Posters

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| 2nd UConn Sports Analytics Symposium (UCSAS) | STORRS, CT |
| Automatic Team Selection in a Fantasy Football (Soccer) Game. | Oct '20 |
| Poster. | |
| 1st UConn Sports Analytics Symposium (UCSAS) | STORRS, CT |
| Bayesian hierarchical models applied to fantasy games. | Oct '19 |
| Poster. | |
| 1ST CONFERENCE ON STATISTICS AND DATA SCIENCE | SALVADOR, BRAZIL |
| Voronoi Data Linkage: Extracting Data from Polygons to Points. | Nov '18 |
| Contributed Talk. | |
| 63 RBRAS | CURITIBA, BRAZIL |
| Voronoi Cells: Visualizing intramunicipality votes distribution | May '18 |
| Contributed Talk. | |
| XIV EBEB | RIO DE JANEIRO, BRAZIL |
| A Bayesian Mixture Models to fit players performance in fantasy games | Mar '18 |
| Poster | |

Invited Talks

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| 1ST DATATHON - UFRGS | PORTO ALEGRE, BRAZIL |
| Web Scraping, Web Services e API | Nov '18 |
| GRADUATE STUDENTS' SEMINARS - UFMG | BELO HORIZONTE, BRAZIL |
| Analyzing Brazilian public data | Aug '18 |

Awards

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| 1st Shiny Contest - RStudio | UNITED STATES |
| Honorable Mention | Apr '19 |
| Voronoy - Understanding voters' profile in Brazilian elections. | |
| 1st Conference on Statistics and Data Science | BRAZIL |
| Best Paper Award on Statistics and Data Science | Nov '18 |
| Voronoy Data Linkage: Extracting Data from Polygons to Points. | |

1st CEPESP Data Challenge: Deciphering Brazil Elections

Dec '17

The challenge is to find solutions for visualization, search engines, graphic arts and any other tools that facilitate the understanding of the electoral process in Brazil. Always with free and open source software.

Research Interests

- Statistical Computing
 - Spatial Statistics
 - Statistical Learning
 - Bayesian Statistics
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Programming Languages

- R - Advanced
 - bash - Intermediate
 - C/C++ - Intermediate
 - Python - Intermediate
 - SQL - Intermediate/Basic
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Software

- Authored: [transpbrr](#)
- Contributed: [parallelDist](#)
- Contributed: [sf](#)