

Lucas da Cunha Godoy *March 20, 1992*

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Education

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| 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

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| 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

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| University of Connecticut | STORRS, CT |
| Principal Instructor | Spring 2021 |
| STAT 3445 - Introduction to Mathematical Statistics II. | |
| University of Connecticut | STORRS, CT |
| Teaching Assistant | Fall 2020 |
| Discussion section: STAT 3445 - Introduction to Mathematical Statistics II. | |
| University of Connecticut | STORRS, CT |
| Teaching Assistant | Spring 2020 |
| Discussion section: STAT 3445 - Introduction to Mathematical Statistics II (two sections). | |

Discussion section: STAT 1000 - Introduction to Statistics I (two sections).
University of Connecticut
Teaching Assistant
Discussion section: STAT 3375 - Introduction to Mathematical Statistics II.
Uniritter
Lecturer
Teaching data analysis using R.

STORRS, CT
Fall 2019

PORTO ALEGRE, BRAZIL
Spring 2019

Publications

1. 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
2. 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
3. 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

Contributed Talks and Posters

- 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

- 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

- 1st Shiny Contest - RStudio** UNITED STATES
Honorable Mention Apr '19
Voronoy's - 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.
- CEPESP - FGV** BRAZIL
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.
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Research Interests

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

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

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