

Lucas da Cunha Godoy *March 20, 1992*

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Education

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| Universidade Federal do Rio Grande do Sul Bachelor degree in Statistics Introduction to geostatistical modelling for counting data: Parameters estimation with different MCMC algorithms | PORTO ALEGRE, BRAZIL 2011 – 2016 |
| Universidade Federal de Minas Gerais Master in Statistics Testing Spatial Association Between Two Types Polygons | BELO HORIZONTE, BRAZIL 2017 – 2019 |
| University of Connecticut PhD in Statistics | STORRS, CT 2019 – present |

Experience

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| Department of Statistics - University of Connecticut Statistics Cluster Admin. Management of the R packages and system requirements on the Cluster. Also builds general singularity containers to assure reproducibility. | STORRS, CT Jun '21 – present |
| Biostatistics Center - Connecticut Convergence Institute for Translation in Regenerative Engineering FARMINGTON, CT Graduate Assistant Statistical consulting for researchers of the UConn Health Center. | Sep '20 – present |
| Agibank Data Scientist Development of predictive models for debt collection and dashboards for monitoring its performance. | PORTO ALEGRE, BRAZIL Dez '18 – Jun '19 |
| Grupo Conectt Digital Intelligence Analyst Development of interactive monthly reports based on web data. Predictive modelling to predict which leads were more likely to become clients. | PORTO ALEGRE, BRAZIL Sep '16 – Mar '17 |
| Universidade Federal do Rio Grande do Sul Undergraduate Research Assistant Geostatistical modelling on AMBES project from Petrobras to predict and understand the impact of oil platforms physical chemical characteristics of the ocean. | PORTO ALEGRE, BRAZIL Apr '15 – Dec '15 |
| Undergraduate Research Assistant Worked in several projects under supervision of Professor Sergio Bassanesi, investigating social inequalities and their impact on public health in Brazil. | May '11 – Dec '14 |
| Instituto Brasileiro de Geografia e Estatística Supervisor Agent - Census Organization, supervision and monitoring of data collection from the 2010 Census. | Mar '10 – Nov '10 |

Teaching

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| University of Connecticut Principal Instructor STAT 3445 - Introduction to Mathematical Statistics II. | STORRS, CT Fall 2021 |
| University of Connecticut Principal Instructor STAT 3445 - Introduction to Mathematical Statistics II. | STORRS, CT Spring 2021 |
| Uniritter Lecturer Teaching data analysis using R. | 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
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Contributed Talks and Posters

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

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

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| 1 st Shiny Contest - RStudio Honorable Mention Voronoy - Understanding voters' profile in Brazilian elections. | UNITED STATES Apr '19 |
| 1 st Conference on Statistics and Data Science Best Paper Award on Statistics and Data Science Voronoy Data Linkage: Extracting Data from Polygons to Points. | BRAZIL Nov '18 |
| CEPESP - FGV 1st CEPESP Data Challenge: Deciphering Brazil Elections 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. | BRAZIL Dec '17 |
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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: [transpbrr](#)
- Contributed: [parallelDist](#)
- Contributed: [sf](#)