

CURRICULUM VITAE: BRUNA DAVIES WUNDERVALD

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Home Address: Butantã, São Paulo, Brazil
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Date of Birth: 04 December 1995, Curitiba, Brazil

Nationality: Brazilian

Marital Status: Single

Professional History:

2017 – 2017
Intern at the City Hall of Pinhais, Pinhais, Brazil: Geostatistical data analysis on the financial situation of the townspeople of Pinhais.

2016 – 2017
Intern at the Bradesco Bank, Curitiba, Brazil: Credit risk modelling (logistic regression).

Education:

2013 – 2018
Federal University of Paraná, Brazil, BSc in Statistics.

Awards:

2015
Laboratory of Applied Statistics
Best Extension Project of the Exact Sciences,
Federal University of Paraná.

Languages:

Portuguese (Native)
English (Advanced)
Spanish (Basic)
French (Intermediate)

Selected Publications:

Chapters in Books

Project of Tutorial Extension in Statistics. (2016) GIT Manual.

Software

Wundervald, B.D., Lima, F.A, and Ferrari, S.L.P. (2018) Distributions on the Unit Interval Catalog, **Shiny Application** (<https://brunaw.shinyapps.io/dissertacao-francimario/>)

Wundervald, B.D., Music chords extraction. (2018) **R package version 0.1.4** (<https://cran.r-project.org/web/packages/chorrrds/chorrrds.pdf>)

Wundervald, B.D., Access to the 'Vagalume' API. (2017) **R package version 0.1.1** (<https://cran.r-project.org/web/packages/vagalumeR/vagalumeR.pdf>)

Wundervald, B.D. and Zeviani, W.M.(2016) Non-Linear Models Catalog, **Shiny Application**. (<https://github.com/brunaw/catreg>)

Oral Communications

- 2018 Chord Based Feature Engineering for Genre Classification in Brazilian Music, *Final Graduation Work, Federal University of Paraná, Curitiba, Brazil*, June 2018.
- 2018 Data transformation the *tidy* way, *1st Meetup R-Ladies Curitiba Curitiba, Brazil*, June 2018.
- 2018 Construction and Implementation of Multivariate Dispersion Models, *63rd meeting of the Brazilian Region of the IBS, Curitiba, Brazil*, May 2018.
- 2018 Music Data Analysis with R, *R Day - First national meeting of R users Federal University of Paraná, Curitiba, Brazil*, May 2018.
- 2016 Non-Linear Models Catalog, *Integrated Week of Teaching, Research and Extension, Federal University of Paraná, Curitiba, Brazil*, 2016.
- 2015 Results of the Applied Laboratory Analysis, *Integrated Week of Teaching, Research and Extension, Federal University of Paraná, Curitiba, Brazil*, 2015.

Poster Presentations

- 2017 Non-Linear Models Catalog, *XV School of Regression Models, Goiânia, Brazil*, March 2017.
- 2016 The use of R at Federal University of Paraná, *I International Seminar of Statistics with R, Fluminense Federal University, Niterói, Brazil*, May 2016.

Grants

2017 – 2018	Scientific Initiation Under the supervision of Prof. PhD Wagner Hugo Bonat, <i>Construction of Multivariate Probability Distributions.</i> R\$4.800,00 Duration: 12 months
2016 – 2017	Project of Tutorial Extension in Statistics Under the supervision of Prof. Dr. Walmes Marques Zeviani, <i>Non-Linear Models Catalog.</i> R\$4000,00 Duration: 10 months
2015 – 2015	Laboratory of Applied Statistics Under the supervision of Prof. Dr. Cesar Augusto Taconeli and Prof. Dr. Fernanda Buhner Rizzato. R\$2.400,00 Duration: 6 months
2014 – 2014	Teaching Initiation Program Course: Basic Statistics. Under the supervision of Prof. Dr. Jomar Camarinha Filho. R\$1.600,00 Duration: 4 months
2013 – 2013	Teaching Initiation Program Course: Statistics II. Under the supervision of Prof. Dr. Jomar Camarinha Filho. R\$1.600,00 Duration: 4 months

Teaching Experience

Taught Short Courses

2017 R Markdown, *Federal University of Paraná, Curitiba, Brazil, 20h, September 2017.*

Short Courses Attended

- 2018 Web Scraping with R, *Curso-R*, 8h.
- 2018 Introduction to Cognitive Diagnostic Models with Stan, *Federal University of Paraná*, 2h.
- 2018 Distributed Data Structures with R, *Federal University of Paraná*, 2h.
- 2018 Dashboards with R, *Curso-R*, 4h.
- 2018 Probability Theory, *University of São Paulo*, 60h.
- 2017 Machine Learning with R, *University of São Paulo*, 4h.
- 2017 APIs with R, *University of São Paulo*, 4h.
- 2017 Multivariate Covariance Generalized Linear Models for the Analysis of Experimental Data, *Federal University of Lavras*, 4h.
- 2017 Regression models for count data: beyond the Poisson model, *Goiânia, GO, Brazil*, 4h.
- 2017 Elements of Computational Statistics, *Federal University of São Carlos*, 6h.
- 2016 Basic SAS, *HSBC Bank Brazil*, 20h
- 2016 Statistical Modelling Academy, *HSBC Bank Brazil*, 192h.
- 2015 Conversation in English, *English without Borders*, *Federal University of Paraná*, 16h.
- 2015 English for Professional and Academic Goals, *English without Borders*, *Federal University of Paraná*, 16h.
- 2015 English with Music, *English without Borders*, *Federal University of Paraná*, 16h.
- 2015 Advanced Excel, *Center of School-Enterprise Integration of Paraná*, 20h.

References

Prof. PhD Wagner Hugo Bonat, Department of Statistics,
Federal University of Paraná, +55 41 3361-3254, wbonat@ufpr.br

Prof. PhD Paulo Justiniano Ribeiro Júnior, Department of Statistics,
Federal University of Paraná, +55 41 3361-3254, paulojus@ufpr.br

Prof. Dr. Victor Fossaluza, Institute of Mathematics and Statistics,
University of São Paulo, +55 11 3091-6187, victorf@ime.usp.br