CURRICULUM VITAE: BRUNA DAVIES WUNDERVALD

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Home Address: Maynooth, Ireland
Tel: +353 087 1877 482

Date of Birth: 04 December 1995, Curitiba, Brazil

Nationality: Brazilian

Marital Status: Single

Professional History:

2018 – 2018	
Statistician at Priced, São Paulo, São Paulo, Brazil:	Analysis of expenditure data in Brazil: data wrangling, product elasticity and churn, consumers clusterization and general behaviour.
2017 – 2017	
Intern at the City Hall of Pinhais, Pinhais, Brazil:	Geostatistical data analysis on the financial situation of the people living in Pinhais.
2016 – 2017	
Intern at the Bradesco Bank, Curitiba, Brazil:	Credit risk modelling with logistic regression.

Education:

2018 – *	Maynooth University, PhD Candidate in Statistics.
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
French: Intermediate
Spanish, Japanese & Italian: Basic

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., chorrrds: Music Chords Extraction (2018) **R package version 0.1.7** (https://cran.r-project.org/web/packages/chorrrds/chorrrds.pdf)

Wundervald, B.D., vagalumeR: Access to the 'Vagalume' API. (2017) **R package version 0.1.3** (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   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

2018   Chord Based Feature Extraction for Genre Classification in Popular Brazilian Music, *1st Women in Music Information Retrievel Worskshop, Paris, France, September 2018.

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 Prod. PhD Wagner Hugo Bonat,
Construction of Multivariate Probability Distributions.
R$4.800,00 Duration: 12 months

2016 – 2017   Project of Tutorial Extension in Statistics
Under the supervision of Prof. Dr. Walmes Marques Zeviani,
Non-Linear Models Catalog.
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 Buhrer Rizzato.
R$2.400,00 Duration: 6 months

2014 – 2014   Teaching Initiation Program
Course: Basic Statisics. 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   Modelling with 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`