

Thiago de Paula Oliveira | CV

- » Statistical computing: R, Shiny, Maple, SageMath, Bash, C++
- » Computational programs: LaTeX, Markdown, Office, Gimp, Inkscape, GitHub
- » Operational systems: Linux, Mac, Windows
- » Languages: Portuguese (native), English
- » Research web pages: ORCID, Plubons, Personal Webpage



»»» General Information

- » Work Address: The University of Edinburgh, Easter Bush Campus, Midlothian EH25 9RG, Scotland
- » Tel: +44 7474 338884
- » E-mail Address: thiago.oliveira@ed.ac.uk
- » Date of Birth: 01 February 1985, Tatuí, Brazil
- » Nationality: Brazilian
- » Marital Status: Married

»»» Summary

I hold a PhD in Statistics from the University of São Paulo, Brazil, and have at least eight years of experience in experimental statistics, statistical modelling, and concordance analysis. As a PhD candidate, I was a visiting Scholar at the National University of Ireland in 2016, working with statistical modelling for agricultural data. Besides, I was a lecturer in the Department of Exact Sciences at ESALQ/University of São Paulo, Piracicaba, São Paulo, Brazil from 2017 to 2019.

I worked as a Researcher Biostatistician from 2019-2020 at Insight Centre for Data Analytics in partnership with Orreco, School of Mathematics, Statistics, and Applied Mathematics, and NUI Galway in the development of statistical methods applied to athlete performance, and predictive models for COVID-19. I developed statistical methods in longitudinal concordance correlation, multilevel model (hierarchical model), generalized linear mixed-effects model, state-space models, experimental design, longitudinal data.

As an enthusiast of the usage of dashboard apps to create an interactive data visualization, I believe that interactive applications are an easier way to create visual representations of large scale data sets, allowing the user explore the complex reality of the database, or even handle multiple sets of data in a single visualization.

Recently, I was awarded a Marie Skłodowska-Curie COFOUND Fellowship (Train@Ed) to work at The Roslin Institute - The University of Edinburgh, where I currently work on the development of statistical models applied to quantitative genetics and genomics of plant breeding in partnership with Limagrain.

»»» Education

2014 – 2018 PhD in Statistics
(4 years)

University of São Paulo –
ESALQ/USP

- » Title: Estimating the longitudinal concordance correlation through fixed effects and variance components of polynomial mixed-effects regression model
- » Advisor: Dr. Silvio Sandoval Zocchi and Prof. John Hinde
- » Department of Exact Sciences

2016
(3 months)

Visiting scholar – internship

NUIGalway

- » Supervisor: Prof. John Hinde
- » School of Mathematics, Statistics and Applied Mathematics
- » Development of new methodology in Concordance Analysis

2012 – 2014
(2 years)

MSc in Statistics

University of São Paulo –
ESALQ/USP

- » Title: Mixed-effects models applied to hue peel color of papaya cv. Sunrise Solo measured by an scanner and colorimeter over time
- » Advisor: Dr. Silvio Sandoval Zocchi
- » Department of Exact Sciences

2007 – 2012
(5 years)

BSc in Agricultural Engineering

University of São Paulo –
ESALQ/USP

- » Title: Calibration of scanner methodology to evaluate 'Golden' papaya peel color.
- » Advisor: Dr. Silvio Sandoval Zocchi
- » Department of Exact Sciences

»»» Professional experience

2020-Actual

Researcher Fellow

University of Edinburgh

- » PI: Dr. Gregor Gorjanc
- » Quantitative genetics and genomics of plant breeding
- » The Roslin Institute

2020
(3 months)

Postdoc in Biostatistics

NUIGalway

- » Supervisor: Prof. Dr. Carl Scarrott
- » Early Detection of Secondary Waves of Covid-19 Infections
- » School of Mathematics, Statistics & Applied Maths; and Insight Centre for Data Analytics

2020
(3 months)

Postdoc in Biostatistics

NUIGalway

- » Supervisor: Prof. Dr. John Newell
- » Aspire Academy research collaboration project
- » School of Mathematics, Statistics & Applied Maths; and Insight Centre for Data Analytics

2019
(8 months)

Postdoc in Biostatistics

NUI Galway

- » Supervisor: Prof. Dr. John Newell
- » Statistical modeling for optimizing athlete performance
- » School of Mathematics, Statistics & Applied Maths; Orreco; and Insight Centre for Data Analytics

2018-2019
(10 months)

Postdoc in Statistics

University of São Paulo –
ESALQ/USP

- » Advisor: Prof. Dr. Clarice Garcia Borges Demétrio
- » Title: Estimation of the longitudinal concordance correlation function: The 1cc package
- » Department of Exact Sciences

2017 – 2019

Assistant Professor at University of São Paulo – ESALQ/USP (18 months)

»»» Volunteer experience

2016

Class tutor in Calculus at University of São Paulo – ESALQ/USP (5 months)

2015

Class tutor in Statistics at University of São Paulo – ESALQ/USP (5 months)

»»» Research experience

Development of cattle and plant breeding programmes

Generalized linear mixed-effects models (Classical and Bayesian)

Concordance analysis (Agreement, precision, and accuracy measures)

Bootstrap methods for confidence intervals (Non-parametric and parametric)

Experimental Designs (Complete and Incomplete Blocks, Latin Square, Full factorial, Fractional Factorial, Split-Plot, Central Composite, Nested designs)

Longitudinal data and Observational Studies

State space models (ARMA, ARIMA and Random Walk models)

Digital Image Analysis, Agricultural Production, Post-Harvest Studies

Development of R packages, Dashboard Design, and Webpages (Github)

»»» Publications

Table 1: Publications summary

| | Article | R Package | Abstract | Preprint |
|--------|---------|-----------|----------|----------|
| Number | 9 | 2 | 11 | 0 |

Papers in Peer-Reviewed Journals

Article

Lara, L.A.d.C., Pocrnic, I., **Oliveira, T.d.P.** et al. Temporal and genomic analysis of additive genetic variance in breeding programmes, **Heredity**, 2021. DOI: 10.1038/s41437-021-00485-y

| | |
|---------|--|
| Article | Oliveira, T.P. ; Buinvels, G; Pedlar, C.; Newell, J. Modelling menstrual cycle length in athletes using state-space models, Scientific Reports , 11, 2021. DOI: 10.1038/s41598-021-95960-1 |
| Article | Oliveira, T.P. ; Moral, R.A. Global Short-Term Forecasting of Covid-19 Cases, Scientific Reports , 2021. DOI: https://doi.org/10.1038/s41598-021-87230-x |
| Article | Oliveira, T.P. ; Moral, R. A.; Zocchi, S. S.; Demetrio, C. G. B; Hinde, J. lcc: an R package to estimate the concordance correlation, Pearson correlation, and accuracy over time. PeerJ . Accepted for publication in August of 2020. DOI: 10.7717/peerj.9850 |
| Article | Kleina, H. T.; Kudlawiec, K.; Esteves, M. B.; Daibó, M.; Oliveira, T.P. ; Maluta, N.; Lopes, J. S.; Mio, L. M. Association of leaf morphology, vector settling and feeding behavior with resistance of plum genotypes to leaf scald disease. Entomologia Experimentalis et Applicata . Accepted for publication in August of 2020. DOI: 10.1007/s10658-020-02104-8 |
| Article | Popin, G. V.; Santos, A. K. B.; Oliveira, T.P. ; Camargo, P. B.; Cerri, C. E. P.; Siqueira-Neto; M. Sugarcane straw management for bioenergy: effects of global warming on greenhouse gas emissions and soil carbon storage. Mitigation and Adaptation Strategies for Global Change , 2019. Link: https://doi.org/10.1007/s11027-019-09880-7 |
| Article | Esteves, M. B.; Kleina, H. T.; Sales, T. M.; Oliveira, T.P. ; Lara, I. A. R.; Almeida, R. P. P.; Coletta-Filho, H. D.; Lopes, J. R. S. Transmission efficiency of <i>Xylella fastidiosa</i> subsp. <i>pauca</i> sequence types by sharpshooter vectors after <i>in vitro</i> acquisition. The American Phytopathological Society , v. 109, no.2, 2019. Link: https://doi.org/10.1094/PHYTO-07-18-0254-FI |
| Article | Oliveira, T.P. ; Hinde, J.; Zocchi, S. S. Longitudinal Concordance Correlation Function Based on Variance Components: An Application in Fruit Color Analysis. Journal of Agricultural, Biological, and Environmental Statistics , v. 23, p. 233-254, 2018. Link: https://doi.org/10.1007/s13253-018-0321-1 |
| Article | Oliveira, T.P. ; Zocchi, S. S. ; Jacomino, A. P. Measuring color hue in ‘Sunrise Solo’ papaya using a flatbed scanner. Revista Brasileira de Fruticultura , v. 39, p. e-911, 2017. Link: http://dx.doi.org/10.1590/0100-29452017911 |

Software

| | |
|-----------|--|
| R package | Gorjanc, Gregor; Obsteter, Jana; Oliveira, T.P. Partition/Decomposition of Breeding Values by Paths of Information, R package version 0.8.2, 2021. See also https://github.com/AlphaGenes/AlphaPart/tree/version-0.8.2 |
| R package | Oliveira, T.P. ; Moral, R. A.; Hinde, J.; Zocchi, S. S.; Demetrio, C. G. B. lcc: Longitudinal Concordance Correlation, R package version 1.0.2, 2018. See also https://github.com/Prof-ThiagoOliveira/lcc |

Proceedings

| | |
|-------------------|--|
| Extended abstract | Oliveira, T.P. ; Moral, R.A.; Hinde, J.; Zocchi, S.S.; Demétrio, C.G.B. The longitudinal concordance correlation. In: 34th International Workshop on Statistical Modelling , 2019, Guimarães. Proceedings of the 34 th International Workshop on Statistical Modelling, 2019. v. 2. |
| Abstract | Zocchi, S.S.; Oliveira, T.P. Propagação de Penicillium em laranja (Citrus cinensis): estimulando o aprendizado de cálculo. 1º Oficina para o desenvolvimento docente de 2017, “Novas abordagens de ensino - compartilhando experiências na ESALQ”, 2017 |
| Abstract | Oliveira, T.P. ; Hinde, J.; Zocchi, S.S. Longitudinal Concordance correlation function based on variance components: an application in fruit color analysis. NUIG Statistics MiniSymposium, 2016. |
| Extended abstract | Oliveira, T.P. ; Moral, R.A.; Hinde, J.; Demétrio, C.G.B.; Zocchi, S.S.; Zanardo, A.B.R.; Delalibera Jr., I. Generalized linear mixed models applied to overdispersed proportion data in a fungal occurrence study. In: 30th International Workshop on Statistical Modelling , 2015, Linz. Proceedings of the 30 th International Workshop on Statistical Modelling, 2015. v. 2. p. 203-206. |

- Abstract** **Oliveira, T.P.;** Moral, R.A.; Hinde, J.; Demétrio, C.G.B.; Zocchi, S.S. Generalized linear mixed models: an application in fungal occurrence data. In: **60ª Reunião Anual da Região Brasileira da Sociedade Internacional de Biometria e 16º Simpósio de Estatística Aplicada à Experimentação Agrônômica**, 2015, Presidente Prudente. Reunião Anual da Região Brasileira da Sociedade Internacional de Biometria, n. 60, Presidente Prudente, 2015. 172 p., 2015.
- Abstract** **Oliveira, T.P.;** Zocchi, S.S. ; Ferreira, I. E.P. Mixed models for analysis of hue peel colour of papaya (Carica papaya L.) cv. Sunrise Solo, measured along time by means of a scanner and a colorimeter. In: XXVII International Biometric Conference, 2014, Florence, Italy. Proceedings of XXVII International Biometric Conference, 2014. v. 1.
- Abstract** **Oliveira, T.P.;** Zocchi, S.S. Mixed models for analysis of hue peel color of papaya (Carica papaya L.) cv. 'Sunrise Solo', measured along time by means of a scanner and a colorimeter. I Workshop on Experimental Statistics e IV Encontro dos Alunos do PPG em Agronomia (Estatística e experimentação agrônômica), 2014.
- Extended abstract** **Oliveira, T.P.;** Zocchi, S. S. . Análise de dados circulares com aplicação em tonalidade da cor de casca de mamão 'Sunrise Solo'. In: **58ª Reunião Anual da Região Brasileira da Sociedade Internacional de Biometria e 15º Simpósio de Estatística Aplicada à Experimentação Agrônômica**, 2013, Campina Grande. Anais..., 2013. p. 202.
- Extended abstract** **Oliveira, T.P.;** Zocchi, S. S. Análise de dados circulares com aplicação em tonalidade da cor de casca de mamão 'Sunrise Solo'. In: **58ª Reunião Anual da Região Brasileira da Sociedade Internacional de Biometria e 15º Simpósio de Estatística Aplicada à Experimentação Agrônômica**, 2013, Campina Grande. Anais..., 2013. p. 202.
- Abstract** **Oliveira, T.P.;** Zocchi, S. S. Modelos lineares de efeitos mistos: um estudo de caso. Encontro dos Alunos do Programa de Pós-Graduação em Estatística e Experimentação Agrônômica, 2013
- Abstract** Camara, G. M. S.; **Oliveira, T.P.;** Navarro, B. L. ; Brigliadori, L. D. Crescimento e produtividade de soja em três arranjos espaciais. In: **VI Congresso Brasileiro de Soja**, 2012, Cuiabá-MT. Anais. Londrina-PR : Embrapa Soja, 2012. v. 1. p. 151-153.

Thesis

- Thesis** **Oliveira, T.P.** Estimating the longitudinal concordance correlation through fixed effects and variance components of polynomial mixed-effects regression model. University of São Paulo, 2018
- Thesis** **Oliveira, T.P.** Mixed-effects models applied to hue peel color of papaya cv. Sunrise Solo measured by an scanner and colorimeter over time. University of São Paulo, 2014

Reviewer

- | | | |
|------|--|----------------------|
| 2021 | The R Journal | Link |
| | » Number of papers reviewed: 2 | |
| 2021 | Biology Letters | Link |
| | » Number of papers reviewed: 1 | |
| 2021 | International Journal of Sports Physiology and Performance | Link |
| | » Number of papers reviewed: 1 | |
| 2021 | PLOS One | Link |
| | » Number of papers reviewed: 1 | |

| | | |
|------|---|----------------------|
| 2021 | Journal of Open Source Software (JOSS) | Link |
| | » Number of papers reviewed: 1 | |
| 2020 | PeerJ - Life and Environment | Link |
| | » Number of papers reviewed: 2 | |
| 2019 | Biocontrol Science and Technology, Taylor & Francis | Link |
| | » Number of papers reviewed: 1 | |

»»» Masters and PhD Examiners

2019 Nascimento, C.O.; Lara, I.A.R. Analysis of color peel of the papaya cv. Sunrise Solo through of the mixed linear regression model. Thesis (Master's Degree in Statistics) – University of São Paulo, Piracicaba, Brazil.

»»» Awards

2020 Runner-up Poster on Young-ISA Twitter Poster Conference promoted by the Irish Statistical Association. Poster Title: Global short-term forecasting of Covid-19 cases. Authors: **Oliveira, T.P.**; Moral, R.A., July, 2020

2020 Marie Skłodowska-Curie COFUND Fellowship under the project “Quantitative genetics and genomics of plant breeding”

2010 Honorable Mention at the 18th USP International Symposium of Undergraduate Research, University of São Paulo.

»»» Extracurricular courses

2021 Workflows with Nextflow, University of Edinburgh (36h)

2021 Introduction to Bash Shell Scripting, Coursera Project Network (4h)

2021 Equality & Diversity Essentials (2h)

2021 Challenging Unconscious Bias (1h)

2021 Genome-wide prediction of complex traits in humans, plants and animals (30h)

36

2020 Programming Fundamentals, Coursera, Duke University, USA. (32h)

2019 Survival Analysis in R. DataCamp, USA. (4h)

2019 Building Web Applications in R with Shiny: Case Studies Course. DataCamp, USA. (4h)

2019 Building Dashboards with shinydashboard. DataCamp, USA. (4h)

2019 Building Web Applications in R with Shiny. DataCamp, USA. (4h)

2019 Introduction to Python. DataCamp, USA. (4h)

2019 Statistical Modeling in R (Part 1). DataCamp, USA. (4h)

| | |
|------|--|
| 2019 | Intermediate R. DataCamp, USA. (6h) |
| 2019 | Introduction to R. DataCamp, USA. (4h) |
| 2018 | Machine Learning Toolbox. DataCamp, USA. (4h) |
| 2016 | Longitudinal and Incomplete Data – USP (30h) |
| 2015 | Short course on Regression Models – Coursera, MOOC, USA (36h) |
| 2015 | Short course on Dimensionality Reduction – USP |
| 2015 | Additive Generalized Models with P-splines – RBras |
| 2015 | Exploring interactive graphical interfaces in R – RBras |
| 2015 | Exploring the Flexibility of Linear Mixed Models – RBras |
| 2015 | Special Topics in Multivariate Analysis – RBras |
| 2014 | Generalized Additive Models with P-splines – USP |
| 2013 | Short course on Statistics: Making Sense of Data – Coursera, MOOC, USA |
| 2013 | Short course on Mathematical Biostatistics Boot Camp – Coursera, MOOC, USA |
| 2013 | Introduction to Categorical Data Analysis – USP |
| 2013 | Structural Equations Models – USP |
| 2013 | Some Important Topics of Asymptotic Theory – USP |

»»» Event participation

| | |
|------|--|
| 2021 | 7th Summer Institute in Statistics for Big Data (SISBID) |
| 2021 | Genome-wide prediction of complex traits in humans, plants and animals |
| 2021 | Software Licensing Workshop |
| 2020 | 71 st Annual Meeting of European Federation of Animal Science (EAAP) |
| 2020 | Why R? 2020 conference organized remotely |
| 2019 | The Inaugural Young-ISA Meeting – Maynooth, Co. Kildare, Ireland |
| 2019 | 34 th meeting of the International Workshop on Statistical Modelling (IWSM) – Guimarães, Portugal. |
| 2016 | NUIG Statistics MiniSymposium. Longitudinal Concordance correlation function based on variance components: an application in fruit color analysis. |
| 2015 | 30 th meeting of the International Workshop on Statistical Modelling (IWSM) – Linz, Vienna. |

| | |
|------|---|
| 2015 | 60 th meeting of the Brazilian Region International Biometric Society (RBras) e 16° “Simpósio de Estatística Aplicada à Experimentação Agronômica” – Presidente Prudente, SP, Brazil |
| 2015 | How to Write for and Get Published in Scientific Journals – Piracicaba, SP, Brazil |
| 2014 | II Workshop on Longitudinal and Incomplete Data – Piracicaba, SP, Brazil |
| 2014 | I Workshop on Experimental Statistics e IV “Encontro dos Alunos do PPG em Agronomia” – Piracicaba, SP, Brazil |
| 2013 | 58 th meeting of the Brazilian Region International Biometric Society e 15° “Simpósio de Estatística Aplicada à Experimentação Agronômica” – São Paulo, SP, Brazil |
| 2012 | 57 th meeting of the Brazilian Region International Biometric Society – Piracicaba, SP, Brazil |
| 2011 | 19 th meeting of the USP International Symposium of Undergraduate Research – Piracicaba, SP, Brazil |
| 2010 | 18 th meeting of the USP International Symposium of Undergraduate Research – Piracicaba, SP, Brazil |

»»» Teaching Experience

Taught Modules

| | |
|------|--|
| 2018 | LCE0602 Experimental Statistics, University of São Paulo, Piracicaba, Brazil, <i>Agricultural Engineering programme</i> , August-December. |
| 2018 | LCE0220 Calculus II, University of São Paulo, Piracicaba, Brazil, <i>Agricultural Engineering programme</i> , August - December. |
| 2018 | LCE0120 Calculus I, University of São Paulo, Piracicaba, Brazil, <i>Agricultural Engineering programme</i> , August - December. |
| 2018 | LCE0120 Calculus I, University of São Paulo, Piracicaba, Brazil, <i>Agricultural Engineering programme</i> , February - June. |
| 2018 | LCE0220 Calculus II, University of São Paulo, Piracicaba, Brazil, <i>Agricultural Engineering programme</i> , February - June. |
| 2018 | LCE0130 Differential and Integral Calculus, University of São Paulo, Piracicaba, Brazil, <i>Food Science programme</i> , February - June. |
| 2017 | LCE0602 Experimental Statistics, University of São Paulo, Piracicaba, Brazil, <i>Agricultural Engineering programme</i> , August - December. |
| 2017 | LCE0120 Calculus II, University of São Paulo, Piracicaba, Brazil, <i>Agricultural Engineering programme</i> , August - December. |

Taught Short Courses

| | |
|------|--|
| 2021 | Visualization and Data Structure on Breeding Programme Modelling with AlphaSimR, University of Edinburgh, Scotland |
| 2018 | I Workshop on Introduction to Experimental Design, University of São Paulo, Piracicaba, Brazil |

Teaching Assistance

| | |
|------|--|
| 2016 | LCE0120 - Calculus I, University of São Paulo, Piracicaba, Brazil, taught by Dr. Silvio Sandoval Zocchi for undergraduate students of the Agricultural Engineering programme, 120h |
|------|--|

| | |
|------|--|
| 2015 | LLCE0220 Calculus II, University of São Paulo, Piracicaba, Brazil, taught by Prof. Idemauro Antonio Rodrigues de Lara for undergraduate students of the Agricultural Engineering programme, August-December, 120h |
| 2015 | LLCE0211 Statistics, University of São Paulo, Piracicaba, Brazil, taught by Dr. Silvio Sandoval Zocchi for undergraduate students of the Agricultural Engineering programme, February-June, 120h |
| 2013 | LLCE0220 Calculus II, University of São Paulo, Piracicaba, Brazil, taught by Prof. Idemauro Antonio Rodrigues de Lara for undergraduate students of the Agricultural Engineering programme, August-December, 120h |
| 2013 | LLCE0166 Calculus and Mathematics Applied to Food Sciences, University of São Paulo, Piracicaba, Brazil, taught by Dr. Silvio Sandoval Zocchi for undergraduate students of the Food Sciences programme, February-June, 120h |

»»» Lectured workshops and invited talks

| | |
|------|--|
| 2021 | Modelling menstrual cycle length in athletes using state-space models. Statistical weekly meeting, Brazil |
| 2020 | Global Short-Term Forecasting of Covid-19 Cases. Webinar Series of the Young-ISA, Ireland |
| 2020 | Global Short-Term Forecasting of Covid-19 Cases. Workshop on Applied Statistics: Prediction models for COVID-19, Artificial Intelligence and Postgraduate Research during pandemic time. University of São Paulo, Brazil |
| 2020 | Estimating NBA athlete performance using hierarchical models, National University of Ireland Galway, Ireland, 21 April 2020 |
| 2019 | Modelling athletes menstrual cycle length using state space models. NUI Galway, Ireland |
| 2019 | Modelling menstrual cycle length using state space models. The Inaugural Young-ISA Meeting – Maynooth, Ireland |
| 2016 | Longitudinal concordance correlation function based on variance components: an application in fruit color – NUI Galway |

»»» Professional Websites and Apps

| | | |
|--------|---|----------------------|
| Blog | https://prof-thiagooliveira.netlify.app | Link |
| Github | https://github.com/Prof-ThiagoOliveira | Link |
| lccApp | https://prof-thiagooliveira.shinyapps.io/lccApp | Link |

»»» Fellowship

| | | |
|-----------|--|----------|
| 2020 | TRAIN@Ed Fellow | TRAIN@Ed |
| | <ul style="list-style-type: none"> » Marie Skłodowska Curie Actions Experienced Researcher schemes / Principal Investigator: Gregor Gorjanc » Quantifying the Drives of Genetic Change in Plant Breeding » Project Funding: £70,000 | |
| 2020-2020 | Science Foundation Ireland | SFI |
| | <ul style="list-style-type: none"> » Postdoctoral Researcher in Biostatistics / Coordinator: Prof. Carl Scarrott » Project: Early Detection of Secondary Waves of Covid-19 Infections » Project Funding: €32,618 | |

| | | |
|-----------|---|--------|
| 2020-2020 | Science Foundation Ireland | SFI |
| | <ul style="list-style-type: none"> » Postdoctoral Researcher in Biostatistics / Coordinator: Prof. John Newell » Project: Aspire Academy research collaboration project » Project Funding: €20,000 | |
| 2019-2019 | Science Foundation Ireland | SFI |
| | <ul style="list-style-type: none"> » Postdoctoral Researcher in Biostatistics / Coordinator: Prof. John Newell » Project: Development of statistical model with application in athlete performance » Project Funding: €12,417,097 | |
| 2018-2019 | Coordination of Improvement of Higher Education Personnel | CAPES |
| | <ul style="list-style-type: none"> » Postdoctoral Researcher / Coordinator: Prof^a. Clarice G. B. Demétrio » Project: Estimation of Longitudinal Concordance Correlation Function: The lcc package » Grants awarded: approximately £7,000 | |
| 2014-2017 | National Council for Scientific and Technological Development | CNPq |
| | <ul style="list-style-type: none"> » PhD / Advisor: Prof. Silvio Sandoval Zocchi » Project: Estimating the longitudinal concordance correlation through fixed effects and variance components of polynomial mixed-effects regression model » Grants awarded: approximately £26,543 | |
| 2012-2013 | Coordination of Improvement of Higher Education Personnel | CAPES |
| | <ul style="list-style-type: none"> » Master / Advisor: Prof. Silvio Sandoval Zocchi » Project: Mixed effects models applied to hue peel color of papaya (<i>Carica papaya</i> L.) cv. "Sunrise Solo" measured over time using an scanner and a colorimeter » Grants awarded: approximately £15,082 | |
| 2011 | São Paulo Research Foundation | FAPESP |
| | <ul style="list-style-type: none"> » Scientific initiation / Advisor: Prof. Silvio Sandoval Zocchi » Process number: 2010/16955-1 » Grants awarded: approximately £3,000 | |

»»» Media and Impact

Blog posts

| | |
|------|---|
| Post | Moral, R.A.; Oliveira, T.P. ; Parnell, A. How hard is it to predict COVID-19 cases? 2020. URL: https://www.hamilton.ie/covid19/posts/2020-10-01-how-hard-to-predict-cases/ |
| Post | Oliveira, T.P. Expressions in C++. 2020. URL: https://prof-thiagooliveira.netlify.app/post/expressions/ |
| Post | Oliveira, T.P. Signed and Unsigned Binary Numbers. 2020. URL: https://prof-thiagooliveira.netlify.app/post/signed-and-unsigned-binary-numbers/ |
| Post | Oliveira, T.P. The seven steps of a programmer. 2020. URL: https://prof-thiagooliveira.netlify.app/post/the-seven-steps-of-a-programer/ |

»»» References

Dr. Gregor Gorjanc

University of Edinburgh

» Phone:

» Email: gregor.gorjanc@roslin.ed.ac.uk

Prof. Dr. Carl Scarrott

NUI Galway

» Phone: +64 3 3642587

» Email: carl.scarrott@canterbury.ac.nz

Prof. John Newell

NUI Galway

» Phone: +353 (0) 91 524411

» Email: john.newell@nuigalway.ie

Prof. John Hinde

NUI Galway

» Phone: +353 (0) 91 492043

» Email: john.hinde@nuigalway.ie

Dr. Rafael de Andrade Moral

Maynooth University

» Phone: +353 (1) 708 6645

» Email: rafael.deandrademoral@mu.ie

Address: The Roslin Institute, University of Edinburgh, Edinburgh, Scotland. H91 TK33