

# Thiago de Paula Oliveira | CV

- » Statistical computing: R, Shiny, Maple, SageMath
- » 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](mailto: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

	<ul style="list-style-type: none"> <li>» Title: Estimating the longitudinal concordance correlation through fixed effects and variance components of polynomial mixed-effects regression model</li> <li>» Advisor: Dr. Silvio Sandoval Zocchi and Prof. John Hinde</li> <li>» Department of Exact Sciences</li> </ul>	
2016 (3 months)	Visiting scholar – internship	NUIGalway
	<ul style="list-style-type: none"> <li>» Supervisor: Prof. John Hinde</li> <li>» School of Mathematics, Statistics and Applied Mathematics</li> <li>» Development of new methodology in Concordance Analysis</li> </ul>	
2012 – 2014 (2 years)	MSc in Statistics	University of São Paulo – ESALQ/USP
	<ul style="list-style-type: none"> <li>» Title: Mixed-effects models applied to hue peel color of papaya cv. Sunrise Solo measured by an scanner and colorimeter over time</li> <li>» Advisor: Dr. Silvio Sandoval Zocchi</li> <li>» Department of Exact Sciences</li> </ul>	
2007 – 2012 (5 years)	BSc in Agricultural Engineering	University of São Paulo – ESALQ/USP
	<ul style="list-style-type: none"> <li>» Title: Calibration of scanner methodology to evaluate 'Golden' papaya peel color.</li> <li>» Advisor: Dr. Silvio Sandoval Zocchi</li> <li>» Department of Exact Sciences</li> </ul>	

## »»» Professional experience

2020-Actual	Researcher Fellow	University of Edinburgh
	<ul style="list-style-type: none"> <li>» PI: Dr. Gregor Gorjanc</li> <li>» Quantitative genetics and genomics of plant breeding</li> <li>» The Roslin Institute</li> </ul>	
2020 (3 months)	Postdoc in Biostatistics	NUIGalway
	<ul style="list-style-type: none"> <li>» Supervisor: Prof. Dr. Carl Scarrott</li> <li>» Early Detection of Secondary Waves of Covid-19 Infections</li> <li>» School of Mathematics, Statistics &amp; Applied Maths; and Insight Centre for Data Analytics</li> </ul>	
2020 (3 months)	Postdoc in Biostatistics	NUIGalway
	<ul style="list-style-type: none"> <li>» Supervisor: Prof. Dr. John Newell</li> <li>» Aspire Academy research collaboration project</li> <li>» School of Mathematics, Statistics &amp; Applied Maths; and Insight Centre for Data Analytics</li> </ul>	

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	7	2	11	1

### Papers in Peer-Reviewed Journals

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	<b>Oliveira, T.P.</b> ; 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. <b>PeerJ</b> . Accepted for publication in August of 2020. DOI: 10.7717/peerj.9850
Article	Kleina, H. T.; Kudlawiec, K.; Esteves, M. B.; Daibó, M.; <b>Oliveira, T.P.</b> ; 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. <b>Entomologia Experimentalis et Applicata</b> . Accepted for publication in August of 2020. DOI: 10.1007/s10658-020-02104-8
Article	Popin, G. V.; Santos, A. K. B.; <b>Oliveira, T.P.</b> ; 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. <b>Mitigation and Adaptation Strategies for Global Change</b> , 2019. Link: <a href="https://doi.org/10.1007/s11027-019-09880-7">https://doi.org/10.1007/s11027-019-09880-7</a>
Article	Esteves, M. B.; Kleina, H. T.; Sales, T. M.; <b>Oliveira, T.P.</b> ; 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. <b>The American Phytopathological Society</b> , v. 109, no.2, 2019. Link: <a href="https://doi.org/10.1094/PHYTO-07-18-0254-FI">https://doi.org/10.1094/PHYTO-07-18-0254-FI</a>
Article	<b>Oliveira, T.P.</b> ; Hinde, J.; Zocchi, S. S. Longitudinal Concordance Correlation Function Based on Variance Components: An Application in Fruit Color Analysis. <b>Journal of Agricultural, Biological, and Environmental Statistics</b> , v. 23, p. 233-254, 2018. Link: <a href="https://doi.org/10.1007/s13253-018-0321-1">https://doi.org/10.1007/s13253-018-0321-1</a>
Article	<b>Oliveira, T.P.</b> ; Zocchi, S. S. ; Jacomino, A. P. Measuring color hue in 'Sunrise Solo' papaya using a flatbed scanner. <b>Revista Brasileira de Fruticultura</b> , v. 39, p. e-911, 2017. Link: <a href="http://dx.doi.org/10.1590/0100-29452017911">http://dx.doi.org/10.1590/0100-29452017911</a>
<b>Software</b>	
R package	Gorjanc, Gregor; Obsteter, Jana; <b>Oliveira, T.P.</b> Partition/Decomposition of Breeding Values by Paths of Information, R package version 0.8.2, 2021. See also <a href="https://github.com/AlphaGenes/AlphaPart/tree/version-0.8.2">https://github.com/AlphaGenes/AlphaPart/tree/version-0.8.2</a>
R package	<b>Oliveira, T.P.</b> ; 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 <a href="https://github.com/Prof-ThiagoOliveira/lcc">https://github.com/Prof-ThiagoOliveira/lcc</a>
<b>Preprint</b>	
Preprint	<b>Oliveira, T.P.</b> ; Buinvels, G; Pedlar, C.; Newell, J. <b>Modelling menstrual cycle length in athletes using state-space models</b> , <b>arXiv:2006.00111v1</b> , 2020. DOI: 10.21203/rs.3.rs-122553/v1. Link: <a href="https://www.researchsquare.com/article/rs-122553/v1">https://www.researchsquare.com/article/rs-122553/v1</a>
<b>Proceedings</b>	
Extended abstract	<b>Oliveira, T.P.</b> ; Moral, R.A.; Hinde, J.; Zocchi, S.S.; Demétrio, C.G.B. The longitudinal concordance correlation. In: <b>34<sup>th</sup> International Workshop on Statistical Modelling</b> , 2019, Guimarães. Proceedings of the 34 <sup>th</sup> International Workshop on Statistical Modelling, 2019. v. 2.
Abstract	Zocchi, S.S.; <b>Oliveira, T.P.</b> Propagação de <i>Penicillium</i> em laranja ( <i>Citrus cinensis</i> ): estimulando o aprendizado de cálculo. 1º Oficina para o desenvolvimento docente de 2017, "Novas abordagens de ensino - compartilhando experiências na ESALQ", 2017
Abstract	<b>Oliveira, T.P.</b> ; 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	<b>Oliveira, T.P.</b> ; 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: <b>30<sup>th</sup> International Workshop on Statistical Modelling</b> , 2015, Linz. Proceedings of the 30 <sup>th</sup> International Workshop on Statistical Modelling, 2015. v. 2. p. 203-206.

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

## Thesis

Thesis	<b>Oliveira, T.P.</b> Estimating the longitudinal concordance correlation through fixed effects and variance components of polynomial mixed-effects regression model. University of São Paulo, 2018
Thesis	<b>Oliveira, T.P.</b> 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	Journal of Open Source Software (JOSS)	<a href="#">Link</a>
	» Number of papers reviewed: 1	
2020	PeerJ - Life and Environment	<a href="#">Link</a>
	» Number of papers reviewed: 2	
2019	Biocontrol Science and Technology, Taylor & Francis	<a href="#">Link</a>
	» 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 (Masters Degree in Statistics) – University of São Paulo, Piracicaba, Brazil.
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## »» 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 Sklodowska-Curie Actions Fellowship under the project “Quantitative genetics and genomics of plant breeding”
- 2010      Honorable Mention at the 18<sup>th</sup> USP International Symposium of Undergraduate Research, University of São Paulo.

## »» Extracurricular courses

- 2021      Equality & Diversity Essentials (2h)
- 2021      Challenging Unconscious Bias (1h)
- 2021      Genome-wide prediction of complex traits in humans, plants and animals (30h)
- 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 curse on Regression Models – Coursera, MOOC, USA (36h)
- 2015      Short curse 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 <sup>st</sup> 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 <sup>th</sup> 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 <sup>th</sup> meeting of the International Workshop on Statistical Modelling (IWSM) – Linz, Vienna.
2015	60 <sup>th</sup> 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 <sup>th</sup> meeting of the Brazilian Region International Biometric Society e 15° “Simpósio de Estatística Aplicada à Experimentação Agronômica” – São Paulo, SP, Brazil
2012	57 <sup>th</sup> meeting of the Brazilian Region International Biometric Society – Piracicaba, SP, Brazil
2011	19 <sup>th</sup> meeting of the USP International Symposium of Undergraduate Research – Piracicaba, SP, Brazil
2010	18 <sup>th</sup> 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**

2018	I Workshop on Introduction to Experimental Design, University of São Paulo, Piracicaba, Brazil
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**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	<a href="https://prof-thiagooliveira.netlify.app">https://prof-thiagooliveira.netlify.app</a>	<a href="#">Link</a>
Github	<a href="https://github.com/Prof-ThiagoOliveira">https://github.com/Prof-ThiagoOliveira</a>	<a href="#">Link</a>
lccApp	<a href="https://prof-thiagooliveira.shinyapps.io/lccApp">https://prof-thiagooliveira.shinyapps.io/lccApp</a>	<a href="#">Link</a>

### »»» Fellowship

2020	TRAIN@Ed Fellow	TRAIN@Ed
	<ul style="list-style-type: none"> <li>» Marie Skłodowska Curie Actions Experienced Researcher schemes / Principal Investigator: Gregor Gorjanc</li> <li>» Quantifying the Drives of Genetic Change in Plant Breeding</li> <li>» Project Funding: £70,000</li> </ul>	
2020-2020	Science Foundation Ireland	SFI
	<ul style="list-style-type: none"> <li>» Postdoctoral Researcher in Biostatistics / Coordinator: Prof. Carl Scarrott</li> <li>» Project: Early Detection of Secondary Waves of Covid-19 Infections</li> <li>» Project Funding: €32,618</li> </ul>	
2020-2020	Science Foundation Ireland	SFI
	<ul style="list-style-type: none"> <li>» Postdoctoral Researcher in Biostatistics / Coordinator: Prof. John Newell</li> <li>» Project: Aspire Academy research collaboration project</li> <li>» Project Funding: €20,000</li> </ul>	
2019-2019	Science Foundation Ireland	SFI
	<ul style="list-style-type: none"> <li>» Postdoctoral Researcher in Biostatistics / Coordinator: Prof. John Newell</li> <li>» Project: Development of statistical model with application in athlete performance</li> <li>» Project Funding: €12,417,097</li> </ul>	
2018-2019	Coordination of Improvement of Higher Education Personnel	CAPES
	<ul style="list-style-type: none"> <li>» Postdoctoral Researcher / Coordinator: Prof<sup>a</sup>. Clarice G. B. Demétrio</li> <li>» Project: Estimation of Longitudinal Concordance Correlation Function: The lcc package</li> <li>» Grants awarded: approximately £7,000</li> </ul>	

2014-2017	National Council for Scientific and Technological Development	CNPq
	<ul style="list-style-type: none"> <li>» PhD / Advisor: Prof. Silvio Sandoval Zocchi</li> <li>» Project: Estimating the longitudinal concordance correlation through fixed effects and variance components of polynomial mixed-effects regression model</li> <li>» Grants awarded: approximately £26,543</li> </ul>	
2012-2013	Coordination of Improvement of Higher Education Personnel	CAPES
	<ul style="list-style-type: none"> <li>» Master / Advisor: Prof. Silvio Sandoval Zocchi</li> <li>» Project: Mixed effects models applied to hue peel color of papaya (<i>Carica papaya</i> L.) cv. "Sunrise Solo" measured over time using a scanner and a colorimeter</li> <li>» Grants awarded: approximately £15,082</li> </ul>	
2011	São Paulo Research Foundation	FAPESP
	<ul style="list-style-type: none"> <li>» Scientific initiation / Advisor: Prof. Silvio Sandoval Zocchi</li> <li>» Process number: 2010/16955-1</li> <li>» Grants awarded: approximately £3,000</li> </ul>	

## »»» Media and Impact

### Blog posts

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

## »»» References

<b>Dr. Gregor Gorjanc</b>	University of Edinburgh
<ul style="list-style-type: none"> <li>» Phone:</li> <li>» Email: <a href="mailto:gregor.gorjanc@roslin.ed.ac.uk">gregor.gorjanc@roslin.ed.ac.uk</a></li> </ul>	
<b>Prof. Dr. Carl Scarrott</b>	NUI Galway
<ul style="list-style-type: none"> <li>» Phone: +64 3 3642587</li> <li>» Email: <a href="mailto:carl.scarrott@canterbury.ac.nz">carl.scarrott@canterbury.ac.nz</a></li> </ul>	
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