

RUSHANI DARSHIKA WIJESURIYA

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EDUCATION

- **Doctor of Philosophy (PhD) in Biostatistics** 2018 April-present
The University of Melbourne, Australia
Thesis: Evaluation and development of multiple imputation approaches for dealing with incomplete three-level data
- **Bachelor of Science (BSc) in Statistics (Honours) – G.P.A: 3.68/4.00 (1st class)** 2012-2017
University of Colombo, Sri Lanka
Undergraduate Thesis: Comparing the Performance of Randomization Tests and Traditional Tests:
A Simulation Study
- **Chartered Institute of Management Accountants (CIMA) – United Kingdom** 2011-2015
Exams Completed

EMPLOYMENT HISTORY

- **Centre for Epidemiology and Biostatistics** 2018 August- Present
Melbourne School of Population and Global Health
The University of Melbourne, Australia
CASUAL ACADEMIC TUTOR
I deliver tutorials, conduct Stata statistical software practical sessions and grade assessments for the statistical courses on Biostatistics and, Linear and Logistic Regression for Master of Public Health and statistical inference for Master of Biostatistics at The University of Melbourne.
- **Department of Statistics, University of Colombo, Sri Lanka** 2017 February- 2018 February
TEMPORARY ASSISTANT LECTURER
I prepared and delivered lectures and tutorials. I designed and graded assignments for a number of statistical courses conducted by the Department of Statistics in liaison with the other departments and faculties in the University of Colombo. I also assisted in R workshops conducted by the department and with statistical analysis for research projects undertaken by the department.
- **Moody's Analytics Knowledge Services** August 2015-November 2015
QUANTITATIVE RESEARCH SERVICES INTERN
I was involved in developing a model for predicting the credit rating of companies

TEACHING EXPERIENCE

Postgraduate and Undergraduate Teaching:

- **Master of Public Health, Melbourne School of Population and Global Health,**
The University of Melbourne
Biostatistics: Demonstrator and assessor 2019 April
Linear and Logistic Regression: Tutor, demonstrator and assessor 2018 August-present
Inference Methods for Biostatistics Tutor and assessor 2020 April

- **Victorian Centre for Biostatistics,**
Multiple imputation for missing data workshop: Tutor 2019 February
- **Clinical Epidemiology and Biostatistics Unit (CEBU), Murdoch Children's Research Institute, Melbourne**
Assistance with R and Stata practical courses 2018 May-Present
Assistance with Introduction to Biostatistics course 2018 December-Present
- **Bachelor of Science in Pharmacology (Honours) – Faculty of Science and Faculty of Medicine, University of Colombo**
Essential Mathematics for Statistics: Lecturer and course coordinator 2017-2018
- **Bachelor of Information Systems – University of Colombo school of Computing**
Business Statistics: Lecturer and course coordinator 2017-2018
- **Bachelor of Science (Industrial Statistics) – Faculty of Science, University of Colombo**
Fundamentals of Statistics: Demonstrator and assessor 2017-2018

PEER-REVIEWED PUBLICATIONS

- Wijesuriya R, Moreno-Betancur M, Carlin JB, Lee KJ. Evaluation of approaches for multiple imputation of three-level data. BMC Medical Research Methodology. 2020; 20 (1):1-15.
- Wijesuriya R, Moreno-Betancur M, Carlin JB, De Silva AP, Lee KJ. Evaluation of approaches for accommodating interactions and non-linear terms in multiple imputation of incomplete three-level data. Biometrical Journal [under review]

PRESENTATIONS

- Evaluation of approaches for accommodating interactions and non-linear terms in multiple imputation of incomplete three-level 2020 November
Oral presentation at the Missing Data, Imputation and Analysis (MiDIA) Group meeting
- Evaluation of approaches for accommodating interactions and non-linear terms in multiple imputation of incomplete three-level 2020 August
Poster overview oral presentation at the 41st Annual (virtual) Conference of the International Society for Clinical Biostatistics, Krakow, Poland
- Bachelors to PhD: taking the leap 2020 August
Oral presentation at the Early Career Biostatistician's Day, 41st Annual (virtual) Conference of the International Society for Clinical Biostatistics, Krakow, Poland
- Evaluation of approaches multiple imputation of incomplete three-level data 2020 July
Oral presentation at the Australian and New Zealand Statistical Conference, Gold Coast, Australia (postponed to 2021 due to Covid19)
- Evaluation of approaches for multiple imputation in three-level data structures 2019 October

Oral presentation at the Melbourne Children's Campus Department of Paediatrics
Student Symposium

- Evaluation of approaches for multiple imputation in three-level data structures
Oral presentation at the Young Statisticians Conference, Canberra, Australia 2019 October
- Comparing the Performance of Randomization Tests and Traditional Tests:
A Simulation Study. 2017 May
Oral presentation at the International Conference on Computational Modelling and
Simulation of University of Colombo, Sri Lanka

EXTRACURRICULAR AND VOLUNTEER WORK

- 2020 Committee Member : Melbourne Children's Campus Research Students Association (MCCRSA)
- Review journal articles for the Journal of Paediatrics and Child Health
- **Other Volunteer Activities**
Assistance for the University of Colombo Research Symposium 2016
Speaker panel moderation for the MCCRSA annual student conference 2020

REFREES

Prof Katherine Lee

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Melbourne Children's Trials Centre
Clinical Epidemiology & Biostatistics
Murdoch Children's Research Institute
The Royal Children's Hospital,
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