

RUSHANI DARSHIKA WIJESURIYA

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EDUCATION

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| 2018 April-2022 January | Doctor of Philosophy in Biostatistics, The University of Melbourne, Australia
Thesis: Evaluation of multiple imputation approaches for dealing with incomplete three-level data |
| 2012 Febraury-2017 January | Bachelor of Science (BSc) in Statistics (Honours), The University of Colombo, Sri Lanka - G.P.A: 3.68/4.00 (1st class)
Undergraduate Thesis: Comparing the Performance of Randomization Tests and Traditional Tests:
A Simulation Study |
| 2012 March -2015 November | Chartered Institute of Management Accountants (CIMA) - United Kingdom
Exams Completed |

EMPLOYMENT HISTORY

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| 2021 October - Present | Clinical Epidemiology & Biostatistics Unit, Murdoch Children's Research Institute, The Royal Children's Hospital
Research Officer (Biostatistician) |
| 2021 September- 2022 April | Department of General Practice, The University of Melbourne, Australia
Biostatistician |
| 2021 February- 2021 August | Methods and Implementation Support for Clinical and Health resear (MISCH), The University of Melbourne, Australia
Biostatistician |
| 2018 August- 2020 November | Centre for Epidemiology and Biostatistics, Melbourne School of Population and Global Health, The University of Melbourne, Australia
Academic Tutor |
| 2017 February- 2018 February | Department of Statistics, University of Colombo, Sri Lanka
Assistant Lecturer |

2015 August -2015 November

Moody's Analytics Knowledge Services, Colombo, Sri Lanka
Quantitative Research Services Intern

SCHOLARSHIPS AND AWARDS

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| 2018 | Melbourne Research Scholarship
Four-year scholarship for full tuition fee remission and living allowance funded by the University of Melbourne |
| 2019 | 2019 Student Conference Support Award
Travel scholarship awarded by the Murdoch children's research institute |
| 2019 | Young Statisticians Travel Award
Travel scholarship funded by the Victorian branch of the Statistical society of Australia |
| 2020 | Murdoch children's research institute 3 Minute Thesis (3MT) July competition
2 nd runner up |

PEER-REVIEWED PUBLICATIONS

1. **Wijesuriya R**, Moreno-Betancur M, Carlin JB, De Silva AP, Lee KJ. Multiple imputation approaches for handling incomplete three-level data with time-varying cluster-memberships. *Statistics in Medicine* 2022
2. **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*. 2021
3. **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.
4. **Wijesuriya R**, Magalla C, Kasturiratna D. Comparing the Performance of Randomization Tests and Traditional Tests: A Simulation Study. *International Conference on Modelling and Simulations*. Colombo. Sri Lanka 2017. PP 343-347.
5. Goh A, Dang C, **Wijesuriya R**, Lamb K, Panisset M, Gartoulla P, Tan E, Batchelor F, Brijnath B, Dow B. The impact of act of strict lockdowns on the mental health and well-being of people living in Australia during the first year of the COVID-19 pandemic (in submission)

ACADEMIC PRESENTATIONS

Conference abstract oral presentations

1. Multiple imputation approaches for handling incomplete three-level data with time varying cluster memberships.
42nd (virtual) Conference of the International Society for Clinical Biostatistics 2021, Lyon, France.
2. Evaluation of approaches multiple imputation of incomplete three-level data.
Australian and New Zealand Statistical Conference 2021, Gold Coast, Australia.
3. Evaluation of approaches for accommodating interactions and non-linear terms in multiple imputation of incomplete three-level data.
41st (virtual) Conference of the International Society for Clinical Biostatistics 2020 Krakow, Poland.
4. Bachelors to PhD: taking the leap.
Early Career Biostatistician's Day. 41st (virtual) Conference of the International Society for Clinical Biostatistics 2020, Krakow, Poland.
5. Evaluation of approaches for multiple imputation in three-level data structures.
Melbourne Children's Campus Department of Paediatrics Student Symposium 2019, Melbourne, Australia.
6. Evaluation of approaches for multiple imputation in three-level data structures.
Young Statisticians Conference 2019, Canberra, Australia.
7. Comparing the Performance of Randomization Tests and Traditional Tests: A Simulation Study
International Conference on Computational Modelling and Simulations 2017, Colombo, Sri Lanka.

Invited presentations

1. Multiple imputation for handling incomplete data with multiple levels of clustering: issues and Guidance.
University of Melbourne, Department of General Practice Research Matters seminar series, 2021, Melbourne, Australia.
2. Evaluation of approaches for accommodating interactions and non-linear terms in multiple imputation of incomplete three-level data
International Missing Data, Imputation and Analysis (MiDIA) Group meeting, UK, 2020
3. Evaluation of approaches for multiple imputation in three-level data structures
Young Statisticians showcase 2019, Victoria, Australia

TEACHING AND SUPERVISION

Professional, postgraduate, and undergraduate teaching:

International Agency for Research on Cancer (IARC)

2022

Multiple imputation workshop: Lecturer

Victorian Centre for Biostatistics

2020	Multiple imputation workshop: Tutor
2019	Multiple imputation for missing data workshop: Tutor

Master of Public Health, The University of Melbourne

2020	Inference Methods for Biostatistics Tutor and assessor
2019	Biostatistics: Demonstrator and assessor
2018-2019	Linear and Logistic Regression: Tutor, demonstrator, and assessor

Clinical Epidemiology and Biostatistics Unit (CEBU), Murdoch Children's Research Institute, Melbourne

2018-2020	R and Stata practical courses
2018-2020	Introduction to Biostatistics courses
2022- present	Observational studies: Modern concepts & analytic methods

Bachelor of Science in Pharmacology (Honours) – Faculty of Science and Faculty of Medicine, University of Colombo

2017-2018	Essential Mathematics for Statistics: Lecturer and course coordinator
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Bachelor of Science (Industrial Statistics) – Faculty of Science, University of Colombo

2017-2018	Fundamentals of Statistics: Demonstrator and assessor
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Postgraduate Supervision:

2022	Master of Biostatistics research project (Xuelu Sun): Supervisor
2022	PhD in Implementation Science (Shakira Milton): Advisor

MEMBERSHIPS

- International Missing data, imputation, and analysis (MiDIA) research group 2020-Present
- International Society for Clinical Biostatistics (ISCB) 2020-Present
- The Statistical Society of Australia (SSA) 2018-Present
- The Victorian Centre for Biostatistics (ViCBiostat) 2018-Present

A SELECTED LIST OF EXTRACURRICULAR AND VOLUNTEER WORK

- Member of the Statistical Society of Australia-Equity, Diversity and Inclusivity Committee (2021-Present)
- Managing the official twitter account of the Clinical Epidemiology & Biostatistics Unit at Murdoch Children's Research Institute (2022- present)
- 2020 Committee Member of Melbourne Children's Campus Research Students Association (MCCRSA)
- Speaker panel moderation for the MCCRSA annual student conference 2020

- Assistance with organizing the University of Colombo research symposium 2016

REFEREES

Available upon request