

Rasel Biswas

GRADUATE STUDENT

University of Dhaka, Dhaka 1000, Bangladesh

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Education

University of Dhaka

B.S. (HONS) IN APPLIED STATISTICS

Dhaka, Bangladesh

Jan. 2016 - Dec. 2019

- Recipient of the I.S.R.T. golden jubilee award for obtaining the highest C.G.P.A. in B.S. (honors) in Applied Statistics.
- Honors research project was to investigate the impact of sample sizes on the accuracy of estimates for a multi-level logistic regression model.

University of Dhaka

M.S. IN APPLIED STATISTICS

Dhaka, Bangladesh

Jan. 2020 - Present

- Thesis topic is to improve the likelihood ratio tests for multiply-imputed datasets (Meng and Rubin 1992).
- Supervisor: Dr. A.H.M. Mahbub Latif.

Technical Skills

R Programming

TIDYVERSE + R MARKDOWN

Other Programming Languages

SAS, STATA, MATLAB, SPSS, C

Microsoft Office

EXCEL, OUTLOOK, POWERPOINT, WORD

Awards & Scholarships

AWARDS

ISRT Golden Jubilee Award

AWARDED TO THE STUDENT WITH THE HIGHEST C.G.P.A. IN B.S. (HONORS) IN APPLIED STATISTICS

University of Dhaka

2020

Dean's Award, Faculty of Science

AWARDED TO THE STUDENTS FOR THEIR ACADEMIC EXCELLENCE IN B.S. (HONORS) UNDER FACULTY OF SCIENCE

University of Dhaka

2020

SCHOLARSHIPS

National Science and Technology Fellowship

AWARDED FOR INNOVATIVE THESIS WORK BY THE MINISTRY OF SCIENCE AND TECHNOLOGY, GOVERNMENT OF PEOPLE'S REPUBLIC OF BANGLADESH

Bangladesh

2020

Qazi Motahar Husain Foundation Scholarship

AWARDED TO THE STUDENTS FOR THEIR OUTSTANDING PERFORMANCE IN B.S. (HONORS) IN STATISTICS AND APPLIED STATISTICS

University of Dhaka

2020

Shahidara Saleh Trust Fund Scholarship

AWARDED TO THE STUDENT WITH THE HIGHEST C.G.P.A. IN B.S. (HONORS) IN APPLIED STATISTICS

University of Dhaka

2020

ISRT Merit Scholarship

AWARDED TO THE STUDENTS WITH COMMENDABLE GRADES IN B.S. YEARLY EXAMS

University of Dhaka

2017-2020

Experience

ACADEMIC RESEARCH

University of Dhaka

Dhaka, Bangladesh

HONORS PROJECT

2019

- Project topic: "The impact of sample sizes on the accuracy of estimates for a two-level logistic regression model".
- Supervisor: Noor Jahan Akter.
- Presented the research work on the International Conference on Applied Statistics (ICAS) - 2019, in Dhaka, Bangladesh.

University of Dhaka

Dhaka, Bangladesh

MASTER'S THESIS

2020

- Thesis topic: "Improvements of likelihood ratio tests for multiply-imputed datasets".
- Supervisor: Dr. A.H.M. Mahbub Latif.

TUTORING

Institute of Statistical Research and Training, University of Dhaka

Dhaka, Bangladesh

STUDENT TUTOR

Mar. 2020 - Present

- Student tutors are appointed by the institute for tutoring the first and second-year students, each year.

Extracurricular Activity

STATA - An Organization of the Students of Applied Statistics

Dhaka, Bangladesh

SECRETARY OF ACADEMIC AFFAIRS

Feb. 2018 - Feb. 2019

ISRT Students' Club

University of Dhaka

CONVENOR

2019 - Present

Notable Works

Volunteering

Dhaka, Bangladesh

INTERNATIONAL CONFERENCE ON APPLIED STATISTICS - ICAS 2019

Dec. 2019

Contribution to a CRAN R Package

<https://github.com/stefvanbuuren/mice>

THE 'MICE' PACKAGE

Apr. 2020

- Fix in calculations for `D3()`, a function for calculating the likelihood ratio tests for multiply-imputed datasets in the 'mice' package. Pull request #228, on GitHub Repo.