

Jahangirnagar University
Journal of Statistical Studies

Volume 32

June 2015



Department of Statistics
Jahangirnagar University
Savar, Dhaka, Bangladesh

Jahangirnagar University Journal of Statistical Studies

Volume 32

June 2015

EDITORIAL BOARD

Editor

Kanchan Chowdhury

Department of Statistics, Jahangirnagar University
Savar, Dhaka, Bangladesh.

Executive Editor

Syeda Shahanara Huq

Department of Statistics, Jahangirnagar University
Savar, Dhaka, Bangladesh.

Overseas Editor

A. K. Md. E. Saleh

Department of Mathematics and Statistics,
Carleton University, Canada.

Members

Kazi Saleh Ahmed

House # 73, Banalata 12/A, Dhanmondi
Dhaka, Bangladesh.

M. Kabir

House # 73, Banalata 12/A, Dhanmondi,
Dhaka, Bangladesh.

A. B. M. A. Sobhan Miah

Department of Statistics, Jahangirnagar University
Savar, Dhaka, Bangladesh

Swapan Kumar Dhar

Department of Statistics, Jahangirnagar University
Savar, Dhaka, Bangladesh

M. Mazibar Rahman

Department of Statistics, Jahangirnagar University
Savar, Dhaka, Bangladesh

M. A. Matin

Department of Statistics, Jahangirnagar University
Savar, Dhaka, Bangladesh

Ajit Kumar Majumder

Department of Statistics, Jahangirnagar University
Savar, Dhaka, Bangladesh

Md. Abdus Salam

Department of Statistics, Jahangirnagar University
Savar, Dhaka, Bangladesh.

Mohd. Muzibur Rahman

Department of Statistics, Jahangirnagar University
Savar, Dhaka, Bangladesh

B. K. Sinha

Mathematical Statistics Unit, Indian Statistical Institute,
Kolkata, 700035, India

Keshab Chandra Bhuyan

American International University Bangladesh, House No. 23,
Road No. 17, (Campus-7) Banani, Dhaka, Bangladesh

B. M. Golam Kibria

Department of Mathematics and Statistics
Florida International University, Miami, Florida, U S A

M. A. Hossain

Department of Mathematics, New Mexico Tech, Socorro, NM
87801, U S A

Jahangirnagar University Journal of Statistical Studies

General Information and Instruction to Authors

The Jahangirnagar University Journal of Statistical Studies, a publication of the Department of Statistics, publishes articles based on the study and research in statistical theory in the widest sense of the term and its applications in various fields. The contributors of this Journal are requested to follow the notes mentioned below:

- An article for publication in this Journal should be of professional standard but intelligible to general readers. Manuscripts should be submitted to the Executive Editor in triplicate, computer composed and double spaced with adequate margin. This should include a short abstract and keywords and phrases.
- The contribution must not appear elsewhere and the author(s) is(are) solely responsible for factual accuracy of the contribution, statement made and opinion expressed in the article.
- No article will be published if it does not conform to the style specified for the Journal. This particularly applies to references of the paper.
- If the paper is accepted for publication, the manuscript of the final version will be required, preferably in Word file, in a CD, DVD, mobile disk or in electronic form.

Address for Communication

Dr. Syeda Shahanara Huq
Executive Editor
Jahangirnagar University Journal of Statistical Studies
Department of Statistics, Jahangirnagar University
Savar, Dhaka-1342, Bangladesh

Telephone: PABX 88-02-7791045-51, Ext. 1433

Fax: 88-02-7791052

Email: chair.stat@yahoo.com

Subscription Rate

	SAARC Countries	Other Countries
Library/Institution	TK. 250 (US\$ 15)	US\$ 25
Individual	TK. 200 (US\$ 15)	US\$ 20
Student	TK. 100 (US\$ 05)	US\$ 10

Jahangirnagar University Journal of Statistical Studies

Volume 32

June 2015

Contents

Bayes Estimators of the Location Parameter μ of Lognormal Distribution under Some Symmetric and Asymmetric Loss Functions	<i>D. C. Nandi and M. K. Roy</i>	1
A Comparative Study on Two Risks for the Shape Parameter of Generalized-Exponential Distribution	<i>C. K. Podder</i>	13
Factors Reducing Illegal Logging on Participatory Forests: A Case Study in Central Sal Forests in Bangladesh	<i>M. A. Salam</i>	21
MHD flow of Newtonian Fluid over a Suddenly Accelerated Flat Plate	<i>M. A. Haque</i>	33
The Method of Steepest Descent for Feedforward Artificial Neural Networks	<i>M. Hanif</i>	41
Determining Probability of Extinction of the Traditional Handloom Industry in Bangladesh	<i>E. Z. Ferdousy, M. A. Matin and M. Mazibar Rahman</i>	53