

EDITED CONFERENCE PROCEEDINGS



of

“The 4th International Conference”

of

Professional Statisticians Society of Nigeria

Theme:

**STATISTICS FOR NATIONAL SECURITY AND INDUSTRIAL
REVOLUTION**

*Held at: University of Ilorin, Ilorin, Nigeria
(20th – 23rd April 2020)*

Volume 4, 2020

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Volume 4, 2020

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Edited Conference Proceedings, Volume 4, 2020: (ISBN: 978-978-55191-5-0 [Print]) is published by *Professional Statisticians Society of Nigeria* (PSSN) formerly the *Nigeria Statistical Society* (NSS).

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Banker: First City Monument Bank (FCMB), *Account Name - Professional Statisticians Society of Nigeria*, *Account Number - 5863200010*.

Publications: The publications of the *Professional Statisticians Society of Nigeria* include her official journal: *Annals of Statistical Theory and Applications* (ASTA) and *Edited Conference Proceedings*.

Citations: Any paper published in this volume of the edited proceedings of PSSN should be cited as illustrated below:

W. B. Yahya; M. O. Olaniyi; M. K. Garba; M. A. Raheem; R. B. Afolayan; K. Jimoh (2020): Cluster Analysis of the Incidence of HIV/AIDS in Nigeria. *Proceedings of the 4th International Conference of Professional Statisticians Society of Nigeria*, Vol. 4: 748-754, edited by Yahya et al. URL: www.pssng.org.

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FROM THE EDITORIAL DESK

This volume 4 of the edited proceedings contained only those manuscripts that were accepted after they have undergone peer-review exercise. Expectedly, these were the papers presented at the 4th International Conference of the Professional Statisticians Society of Nigeria (PSSN) held at University of Ilorin, Ilorin between April 20th to 23th 2020.

A total of 29 papers were submitted for evaluation but only 19 of them were found publishable and accepted for consideration by our team of expert reviewers. This simply translates to about 66% acceptance rate for this volume of the proceedings. This is not quite different from what was experienced in the last volume, Volume 3 of the edited proceedings that recorded about 67% acceptance rate in the previous year.

The papers published in this volume dwelled on various areas of research in statistics and its applications. Therefore, entry level researchers, post-graduate students, and other academics would find some of these papers very useful in their ongoing and future research works.

I deeply appreciate all our esteemed reviewers for their readiness to render selfless services by evaluating all the submissions into the proceedings for their suitability or otherwise. Their valuable contributions have taken us this far in our journey towards improving statistical research in Nigeria.

To all our authors and readers, all the published papers in this volume and the earlier volumes can be accessed freely at our home page at **www.pssng.org** .

Please do have a great delight as you entertain yourself with some of the works published here.

Thank you.

Professor Waheed Babatunde Yahya

Editor-In-Chief/Chairman, Editorial Board
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EDITORIAL SUMMARY

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Total Manuscripts Peer-Reviewed = **29** Manuscripts
Total Manuscript Accepted = **19** Manuscripts (about 65.5%)
Total Manuscript Rejected = **10** Manuscripts (about 34.5%)

Acceptance Rate = 65.5%; Rejection Rate = 34.5%
