CURRICULUM VITAE

PERSONAL BIODATA

Name: EKUM, MATTHEW IWADA

Date and Place of Birth: 3rd March 1977, Lagos

Department: Mathematical Science

College: College of Basic Science

First Academic Appointment: 3rd April, 2017 (Technology II)

Date of Confirmation: 3rd April, 2019

Present Post with date Assistant Lecturer (11th August, 2022)

Nationality: Nigerian

State of Origin: Cross River

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Google Scholar: https://scholar.google.com/citations?user=Z8sAXMkAAAAJ&hl=en

NORMAL SIGNATURE

EDUCATION

Ph.D. in Statistics (29th November 2023)
University of Lagos, Akoka, Lagos, Nigeria (7th June 2018 – 11th October 2023)
Supervisor: Professor Muminu Adamu
Co-supervisor: Dr. Eno Akarawak
External Examiner: Professor Adebowale Adejumo (University of Ilorin, Nigeria)
Thesis: *T-Power Function Family of Distributions with Applications in Generalized Linear Models*

M.Sc. in Statistics (29th March 2017)
University of Lagos, Akoka, Lagos, Nigeria (2015 – 2016)
Supervisor: Professor Felix Famoye (Central Michigan University, US)
Dissertation: *Panel Data Predictive Model (PDPM) of Food Production and Exports in West Africa* (1990-2013)

B.Sc. in Statistics (18th April 2014)
University of Ibadan, Ibadan, Oyo State, Nigeria (2010 – 2013)
Supervisor: Dr. Femi Ayoola
Project: *Panel Data*: *The Effects of some World Development Indicators (WDI) on GDP per Capita of Selected African Union (AU) Countries (1981-2011)*

HND in Statistics (25th February 2004)
Yaba College of Technology, Yaba, Lagos, Nigeria (2001 – 2003)
Supervisor: Mr. A. A. Ogundiran
Project: *Prediction of Nigeria 2003 Presidential Election using Monte Carlo Simulation*

ND in Statistics (18th September 2000)
Yaba College of Technology, Yaba, Lagos, Nigeria (1998 – 2000)

Supervisor: Mr. Abiona
Project: *Determination of Nigeria's Population Growth Rate using 1963, 1973, and 1991 National Censuses and Population projection*

PRESENT DESIGNATION AND APPOINTMENT
LAGOS STATE UNIVERSITY OF SCIENCE & TECHNOLOGY, IKORODU, LAGOS

College:	BASIC SCIENCE	2022 TILL DATE
Department:	MATHEMATICAL SCIENCES	2022-TILL DATE
Present Status:	ASSISTANT LECTURER (11th August 2022)	2022-TILL DATE
Course Lectured:	STATISTICS, PROBABILITY, DATA SCIENCE	2022-TILL DATE
Appointments		
Current:	ASST. DIR., RESEARCH & DEV. PLANNING	2023-TILL DATE
Previous:	HEAD, RESEARCH, PLANNING & DEV.	2022-2023

PRESENT ADJUNCT APPOINTMENT
FEDERAL UNIVERSITY, OYE-EKITI, EKITI STATE, NIGERIA		2023 TILL DATE
Status:	LECTURER TOP-UP BSc. PROGRAMME	2023-TILL DATE
Course Lectured:	RESEARCH METHODOLOGY	2023
Level/Department:	300 LEVEL COMPUTER SCIENCE	2023

EMPLOYMENT HISTORY/CAREER PATHS
LAGOS STATE POLYTECHNIC, IKORODU, LAGOS		2013-2022
Lecturer III (Full-Time)	- 21st December 2021	2021-2022
Technologist I (Full-Time)	- 1st October 2020	2020-2021
Technologist II (Full-Time)	- 3rd April 2017	2017-2020
LAGOS STATE POLYTECHNIC, IKORODU, LAGOS		2013-2017
Technologist II (Part-Time)		
ITC LTD, IKEJA, LAGOS		2012-2013
Systems Engineer & Business Development		
LAGOS STATE POLYTECHNIC, IKORODU, LAGOS		2010-2012
Technologist II (Part-Time)		
SIGMA ALLIANCE SOLUTIONS LTD, AGUDA SURULERE		2005-2009
Data Analyst, Statistical Computing & Business Dev. Expert		2005-2009

AREAS OF RESEARCH/SPECIALIZATION
1. Mathematical Statistics: Probability Distributions Theory and Applications
2. Data Science and Artificial Intelligence: Machine Learning, Deep Learning and ANN
3. Computational Statistics and Big Data Modelling
4. Biostatistics: Disease Modelling
5. Econometrics: Financial, Business and Tourism Statistics

DETAILS OF PUBLICATION
1. Babalola, O. A., **Ekum, M. I.**, Fakunmoju, F. A., Sunnuvu, T. F., Faleti, B. E., & Olawore, A. A. (2024). Impact of powdered activated charcoal on water quality and performance

characteristics of *Clarias gariepinus* fingerlings fed commercial feed. *Nigerian Journal of Fisheries*, 21(1), 2756-2764.

2. **Ekum, M. I.**, Oyeyemi, S. T., Alakija, T. O., Francis, S. A., Omodasola, A. O., & Akinmoladun, O. M. (2024). Measuring the Effect of Regime Change on Petroleum Price in Nigeria Using Moving Index. *Asian Journal of Probability and Statistics*, 26(5), 50–63.

3. Akanji, W, Kareem, R., Akinyemi, J.A. & **Ekum, M. I.** (2023). Modelling Factors that Predict Differences in Childhood Mortality in Lagos Communities using Prognostic Logistic and Poisson Regression Models. *International Journal of Statistics and Probability*, 12(6), 1-22.

4. Arowolo, O.T., Ogunsanya, A.S., **Ekum, M. I.,** Oguntola, T.O., & Ukam, J.B. (2023). Exponentiated Weibull Inverse Rayleigh Distribution. *International Journal of Mathematical Sciences and Optimization: Theory and Applications*, 9(1), 104-122.

5. **Ekum, M.I.,** Akarawak, E.E.E. & Adamu, M.O. (2023). Optimization of Gamma-Power-Log-logistic distribution and its applications in modelling volume of oil spillage. *Scientific African*, 21, 1-15.

6. **Ekum, M.I.,** Adamu, M.O. & Akarawak, E.E.E. (2023). Normal-Power-Logistic Distribution: Properties and Application in Generalized Linear Model. *J Indian Soc Probab Stat.*, 24, 23-54. https://doi.org/10.1007/s41096-022-00143-4.

7. Metilelu, O.O., **Ekum, M.I.,** Toki, E.O. (2023). Modelling the non-linear effects of tourism development on emerging market economies using normal-power model. *Scientific African*, 20, 1-15. e01731.

8. Adeniyi, M.O., Aderele, O.R, Oludoun, O.Y., **Ekum, M.I**., Matadi, M.B., Oke, S. I., and Ntiamoah, D. (2023). A mathematical and exploratory data analysis of malaria disease transmission through blood transfussion. *Front. Appl. Math. Stat*. 9, 1-22, 1105543. doi: 10.3389/fams.2023.1105543.

9. Metilelu, O.O., Omodehin, A. O., Salako, O. F. O., and **Ekum, M.I**. (2023). Unveiling the Dilemma of Sustainable Tourism Development in Nigeria: A Study of Agbowa, Ikorodu, Lagos State. *American Journal of Tourism Management*, 12(1), 1-9.

10. Oke, S.I., **Ekum, M.I**., Akintande, O.J., Adeniyi, M.O., Adekiya, T.A., Achadu, O.J., Matadi, M.B., Iyiola, O.S., Salawu, S.O. (2022). Optimal control of the coronavirus pandemic with both pharmaceutical and non-pharmaceutical interventions. *Int J Dyn Control*, 11, 1-25. doi: 10.1007/s40435-022-01112-2.

11. Akarawak, E.E.E., Adeleke, I.A., Olalude, G. A. and **Ekum**, **M.I.** (2022). Weibull-Logistic with Exponential Quantile Function Distribution. *Unilag Journal of Mathematics and Application*. 2(1), 37-59.

12. Arowolo, O. T., Akinade, T. A., **Ekum**, **M. I.**, Ogunsanya, A. S., and Oguntola, T. O. (2022). ARIMA Model and its Application to Budget Performance. *Ilorin Journal of Science*, 9(1), 33–49.

13. Metilelu, O.O., **Ekum, M.I.,** Toki, E.O. & Olasokan, O.O. (2022). Recreation participation and conservation tourist attitudes of local tourists of Ikorodu, Lagos, Nigeria. *Elizade University Journal of Research in Hospitality and Tourism Management,* 4, 61-79.

14. Metilelu, O.O., Olasokan, O.O., **Ekum, M.I.,** & Toki, E.O. (2022). Modelling Poaching activities in Yankari Games Reserves, Nigeria. *Elizade University Journal of Research in Hospitality and Tourism Management,* 4, 1-16.

15. Metilelu, O.O., Adeniyi, M.O. and **Ekum**, **M.I.** (2022). Modelling the Dynamic Effect of Environmental Pollution on Coastal Tourism. *Scientific African.*, 17, e01364, DOI: 10.13140/RG.2.2.18829.41445.

16. Akarawak, E.E.E, **Ekum, M.I.**, and Oyeyemi, S.T. (2022). On the Estimation of Stress-Strength Reliability Parameters of Weibull-Rayleigh Distribution. *Asian Journal of Probability and Statistics*, 19(4), 1-21.

17. Adeniyi, M.O., Oke, S.I., **Ekum, M.I.**, Benson, T., and Adewole, M.O. (2022). Assessing the Impact of Public Compliance on the Use of Non-pharmaceutical Intervention with Cost-Effectiveness Analysis on the Transmission Dynamics of COVID-19: Insight from Mathematical Modeling. In: Azar, A.T., Hassanien, A.E. (eds) Modeling, Control and Drug Development for COVID-19 Outbreak Prevention. Studies in Systems, Decision and Control, vol 366. Springer, Cham. https://doi.org/10.1007/978-3-030-72834-2_17

18. **Ekum, M.I,** Adamu, M.O., Adeleke, I.A., Akarawak, E.E. and Arowolo, O.T. (2021). Class of Generalized Power Function Distributions: Properties and Applications. *Journal of Nigeria Statistical Association* (JNSA), 33, 27-48.

19. **Ekum, M. I**., Adamu, M. O. and Akarawak, E. E. (2021). A class of power function distributions: its properties and applications. *Unilag Journal of Mathematics and Applications*, 1(1), 35-59.

20. **Ekum, M. I.**, Job, O., Taylor, J. I., Amalare, A. A., Khaleel, M. A. and Ogunsanya, A. S. (2021). Normal-Power Function Distribution with Logistic Quantile Function: Properties and Application. *American Journal of Applied Mathematics and Statistics*, 9(3), 90-101.

21. Iluno, C., Taylor, J.I., Akinmoladun, O.M., Aderele, O.R., and **Ekum, M.I.** (2021). Modelling the effect of COVID-19 mortality on the economy of Nigeria. *Research in Globalization*, 3, 100050.

22. Ogunsanya, A.S., Yahya, W.B., Adegoke, T.M., Iluno, C, Aderele, O.R., **Ekum, M.I.** (2021). A New Three-Parameter Weibull Inverse Rayleigh Distribution: Theoretical Development and Applications. *Mathematics and Statistics* 9(3), 249-272.

23. Hassan, I.A., **Ekum, M.I.** and Ogunsanya, A.S. (2021). Antibacterial activity of sweet orange (Citrus sinensis) juice extract on selected bacteria. *African Journal of Microbiology Research*, 15(4), 178-182.

24. Metilelu, O.O., **Ekum, M.I.,** Adedini, A.J. and Olasokan, O.O. (2021). COVID-19 Pandemic: Parks Responses to Social Distancing Location in Nigeria. *European Journal of Hospitality and Tourism Research*, 9(2), 1-7.

25. Ogunsanya, A.S., Akarawak E.E.E. and **Ekum, M.I.** (2021). On Some Properties of Cauchy-Rayleigh Distribution. *Journal of Statistics & Management System* DOI: 10.1080/09720510.2020.1822499.

26. **Ekum, M.I.,** Akinmoladun, O.M. and Ogunsanya, A.S. (2020). Stochastic Modelling of COVID-19 Closed Cases in Nigeria. *Journal of Nigerian Association of Mathematical Physics*, 11(1).

27. Amalare, A.A., Sogunro, O.I. and **Ekum, M.I.** (2020). Impact of Tourism Development on Employment in South West Nigeria. *Developing Economy Journal*, 6(4), 1-21.

28. Are, S.O. and **Ekum, M.I.** (2020).COVID-19 Pandemic Data Visualization with Moment about Midpoint: Exploratory and Expository Analyses. *Asian Journal of Probability and Statistics*, 8(4), 15-37.

29. Amalare, A.A., **Ekum, M.I.** and Ogunsanya, A.S. (2020). On Econometric Approach to Modelling Economic Growth. *Benin Journal of Statistics*, 3, 66-81.

30. Amalare, A.A., Ogunsanya, A.S., **Ekum, M.I.** and Owolabi, T.O. (2020). Lomax-Cauchy {Uniform} Distribution: Properties and Application to Exceedances of Flood Peaks of Wheaton River. *Benin Journal of Statistics*, 3, 128-141.

31. **Ekum, M.I.,** Adeleke, I.A. and Akarawak, E.E. (2020). Lambda Upper Bound Distribution: Some Properties and Applications. *Benin Journal of Statistics*, 3, 12-40.

32. Adeniyi, M.O., **Ekum, M.I.**, Iluno C., Ogunsanya, A.S., Akinyemi, J.A., Oke, S.I. and Matadi, M.B. (2020). Dynamic Model of COVID-19 disease with exploratory data analysis. *Scientific African*. https://doi.org/10.1016/j.sciaf.2020.e00477.

33. **Ekum, M.I.** and Ogunsanya, A.S. (2020). Application of Hierarchical Polynomial Regression Models to Predict Transmission of COVID-19 at Global Level. *Int J Clin Biostat Biom* 6(1): 6, 027. doi.org/10.23937/2469-5831/1510027.

34. Arowolo, O.T. and **Ekum, M.I.** (2020). Generalized Regression Control Chart for Monitoring Crop Production. *American Journal of Theoretical and Applied Statistics*; 2020; 9(4), 90-100. (TetFund Sponsored).

35. **Ekum, M. I.**, Adamu, M. O. and Akarawak, E. E. (2020). T-Dagum: A Way of Generalizing Dagum Distribution Using Lomax Quantile Function. *Journal of Probability and Statistics*; 17(4), 719-729. https://doi.org/10.1155/2020/1641207.

36. Arowolo, O.T., Nurudeen, T.S., Akinyemi, J.A., Ogunsanya, A.S and **Ekum, M.I.** (2019). Reduced Skewed Beta Laplace Distribution with Application in Time to Failure of Electricity Component. *Annals of Statistical Theory and Application*, 1(31), 31-41.

37. Famoye, F., Akarawak, E.E. and **Ekum, M.I.** (2018). Weibull-Normal Distribution and its Applications. *Journal of Statistical Theory and Applications,* 17(4), 719-729.

38. **Ekum, M.I.**, Owolabi, T.O. and Alakija, T. (2018). Modeling Volatility in Selected Nigerian Stock Market. *International Journal of Economics and Financial Management,* 3(1), 30-43.

39. Akinmoladun, O.M., Kareem, R. and **Ekum M.I.** (2017). Criteria for Selecting Prospective Students into Higher Institutions Using Discriminant and Artificial Neural Network Analysis. *IOSR Journal of Mathematics (IOSR-JM)*, 13(6), 77-90. (TetFund Sponsored).

40. Okunnu, M.A., **Ekum, M.I.** and Aderele, O.R. (2017). The Effects of Microeconomic Indicators on Economic Growth of Nigeria (1970 - 2015). *American Journal of Theoretical and Applied Statistics*, 6(6), 325-334. (TetFund Sponsored).

41. Arowolo, O.T., Aribike, E. and **Ekum M.I.** (2017). Panel Predictive Modeling of Agricultural Production among States in Nigeria. *IOSR Journal of Mathematics (IOSR-JM)*, 13(5), 76-89. (TetFund Sponsored).

42. Odetunde, S.K., Saheed, O.W., Shofoluwe, A.S. and **Ekum M.I.** (2016). Effect of Fungi and Fungi Secondary Metabollite (Mycotoxin) On Blood Parameters and Liver Function of an Albino Rat. *Advances in Multidisciplinary & Scientific Research (AIMS),* 2(4), 151-168.
43. Arowolo, O. T., and **Ekum, M. I.** (2016). Food Production Modelling Using Fixed Effect Panel Data for Nigeria and Other 14 West African Countries (1990-2013). *American Journal of Theoretical and Applied Statistics*, 5(4), 208-218.
44. Olufolabo, O. O., Akintande, O. J., and **Ekum, M. I.** (2015). Analyzing the Distribution of Crimes in Oyo State (Nigeria) using Principal Component Analysis (PCA). *IOSR Journal of Mathematics,* 11(3), 90-96.
45. **Ekum, M. I.,** Akinmoladun, O. M., Aderele, O. R., and Esan, O. A. (2015). Application of Multivariate Analysis on the effects of World Development Indicators on GDP per capita of Nigeria (1981-2013). *International Journal of Science and Technology (IJST),* 4(2), 254-534.
46. **Ekum, M. I.,** and Farinde, D. A. (2014). Application of Panel Data to the Effect of Five (5) World Development Indicators (WDI) on GDP Per Capita of Twenty (20) African Union (AU) Countries (1981-2011). *Developing Country Studies*, 4(21), 72-79.
47. **Ekum, M. I.,** Farinde, D. A., and Ayoola, F. J. (2013). Panel Data: The Effects of Some World Development Indicator (WDI) on GDP Per Capita of Selected African Union (AU) Countries (1981-2011). *International Journal of Science and Technology (IJST),* 2(12), 900-907.

TEXT BOOKS PUBLICATION

1. O.M. Akinmoladun, R. A. Kareem, M. O. Adeniyi, **M.I. Ekum**. (2021). Numerical Methods & Analysis (Spectral Collocation Series), Vol. 1, JIMSALAAM LTD, Lagos, Nigeria.
2. O.T. Arowolo, S.O. Sogunro, **M.I. Ekum**, J.A. Akinyemi and B.O. Ajala. (2020): Quantitative Techniques in Business, JIMSALAAM LTD, Lagos, Nigeria.
3. O.T. Arowolo, G.O. Lawal and **M.I. Ekum.** (2017): Operations Research, JIMSALAAM LTD, Lagos, Nigeria.
4. **M.I. Ekum**, O.T. Arowolo and G.O. Lawal. (2017): Operations Research, Practical Manual, JIMSALAAM LTD, Lagos, Nigeria.

AWARD RECOGNITION OF ARTICLES REVIEWED IN LEARNED JOURNALS

1. Certificate of Reviewing, awarded since September 2021 till date (19 reviews), presented by Scientific African, an Elsevier journal.
2. Certificate of Reviewing, awarded since September 2020 till date (1 review), presented by The Journal of Infection in Developing Countries.

BOOK OF ABSTRACTS/CONFERENCE PROCEEDINGS/POSTER PRESENTATIONS

1. **Ekum, M.I.**, Akarawak, E.E.E., and Adamu, M.O. (2023). *Application of Convoluted Probability Distributions in Modelling Infectious Disease*. A poster presentation at the Summer School titled "Models, Statistics, and Genetics: Undertsanding Epidemics" held in Sirikwa Hotel, Eldoret, organised by Technische Universitat Munchen (TUM), ponsored by Volkswagen-Stiftung from March 12 – March 25, 2023.

2. **Ekum, M.I.**, Ogunsanya, A.S., Akinyemi, J.A., Ajala, B.O. and Arowolo, O.T. (2022). *Frechet-Dagum-Y Distribution: Properties and Applications*. See 2022 Book of Abstracts of 6th International Conference of Professional Statisticians Society of Nigeria (PSSN), held at College Hall, Yaba College of Technology, Yaba, Lagos from June 27 – June 30, 2022.

3. Alakija, T., **Ekum, M.I.**, and Oyeyemi, S.T. (2022). *Change Point Detection Using Moving Index: The Effect of Regime Change on Petroleum Price in Nigeria*. See 2022 Book of Abstracts of 6th International Conference of Professional Statisticians Society of Nigeria (PSSN), held at College Hall, Yaba College of Technology, Yaba, Lagos from June 27 – June 30, 2022.

4. **Matthew Ekum**, Muminu Adamu and Eno Akarawak (2022). *Gamma-Power Maximum Likelihood Parameters Estimation using Numerical Expectation-Maximization Algorithm and its Regression Model.* See 2022 Book of Abstracts of 6th International Conference of Professional Statisticians Society of Nigeria (PSSN), held at College Hall, Yaba College of Technology, Yaba, Lagos from June 27 – June 30, 2022.

5. **Matthew Ekum**, Muminu Adamu and Eno Akarawak (2022). *Normal-power generalized linear model: theory and application*. See 2022 Book of Abstracts of 9th International Conference on Mathematical Sciences and Optimization (ICSMO 2022) held at Institut De Mathematique Et De Sciences Physiques Universite D' Abomey – Calavi, Songhai, Porto-Novo, Benin. May 12 – May 13, 2022.

6. B.O. Ajala, J.A. Akinyemi, **M.I. Ekum**, M.O. Adeniyi, H.O. Bisira and J.I. Taylor (2022). *Dynamic epidemic model of covid-19 with disease induced death rate*. See 2022 Book of Abstracts of 9th International Conference on Mathematical Sciences and Optimization (ICSMO 2022) held at Institut De Mathematique Et De Sciences Physiques Universite D' Abomey – Calavi, Songhai, Porto-Novo, Benin. May 12 – May 13, 2022.

7. J.A. Akinyemi, **M.I. Ekum**, B.O. Ajala, and J.I. Taylor (2022). *Stochastic epidemic model for the transmission dynamics of infectious disease in a mixed population*. See 2022 Book of Abstracts of 9th International Conference on Mathematical Sciences and Optimization (ICSMO 2022) held at Institut De Mathematique Et De Sciences Physiques Universite D' Abomey – Calavi, Songhai, Porto-Novo, Benin. May 12 – May 13, 2022.

8. Are, S. O. and **Ekum, M.I.** (2020). *Probability Distribution Transformation with application to gamma regression control chart for monitoring crop production*. A webinar conference paper presented at 5th International Conference of School of Science, Yaba College of Technology, Yaba, Lagos.

9. **Ekum, M.I.** Adamu, M.O. and Akarawak, E.E. (2020).*T-Power Function Distribution and its Application to Modelling COVID-19 Pandemic Recovery Rate*. A live talk paper presented at Bernoulli-IMS One World Symposium 2020, August 24th – 28th, 2020. A virtual one week symposium on Probability and Mathematical Statistics.

10. **Ekum, M.I.** (2019). *Modelling Big Data: probability distributions, theory and application, variability and change points*. A discussion paper accepted to be discussed in Lunchtime Discussion Groups, 62nd World Statistical Congress (WSC) Kuala Lumpur, Malaysia, August 18th – 23rd, 2019. A conference organized by International Statistical Institute (ISI) and Bernoulli Society.

11. Amalare, A.A., Ogunsanya, A.S. and **Ekum, M.I.** (2019). *Lomax-Cauchy{Uniform} Distribution: Properties and Application*. A conference paper accepted to be presented at the 43rd Annual Conference of the Nigerian Statistical Association (NSA) held at Lokoja, Kogi State from 9th to 13th September, 2019.

12. Adamu, M.O., Akarawak, E.E. and **Ekum, M.I.** (2019). *Sub-Models of Generalized Dagum Distribution: Properties and Application*. See the 2019 Book of Abstracts of the Professional Statisticians Society of Nigeria (PSSN).

13. Amalare, A.A., Sogunro, S.O. and **Ekum, M.I.** (2019). Empirical Analysis on Economic Potentials of Tourism Development in Southwest Nigeria. See the 2019 Book of Abstracts of the Professional Statisticians Society of Nigeria (PSSN).

14. **Ekum, M.I.**, Adamu, M.O. and Akarawak, E.E. (2019). *Generalization of transformed transformer (T-X) methods for generating families of univariate probability distributions in modeling small and big data*. See 2019 Book of Abstracts of Mathematical Analysis and Optimization: Theory and Applications.

15. Alakija T., **Ekum M.I.** and Akingbade, A.A. (2018). *Solution to Multicollinearity Problem in Economic Data using Ridge and Bayesian Regression Approach*. A conference paper presented at the 2nd International Annual Conference of Nigeria Statistical Society (NSS) held at University of Calabar, Cross River State, Nigeria in 2018. See 2018 Book of Abstracts of NSS.

16. Amalare, A.A., Ogunsanya, A.S. and **Ekum, M.I.** (2017). *Multivariate Time Series Factor Analytic Approach to Modeling Economic Growth of Nigeria*. A conference paper presented at the 1st International Statistical Conference of Nigerian Statistical Association (NSA) held at University of Lagos, Akoka, Lagos, Nigeria in 2017. See the 2017 Book of Abstracts of NSA.

17. **Ekum, M.I.**, Famoye, F. and Ogunsanya, A.S. (2017). *Application of proposed Iwada distribution to hospital arrival data*. A conference paper presented at the 1st International Statistical Conference of Nigerian Statistical Association (NSA) held at University of Lagos, Akoka, Lagos, Nigeria in 2017. See 2017 Book of Abstracts of NSA.

18. Abozos, T.A., Taylor, J.I. and **Ekum, M.I.** (2014). *Application of Multiple Linear Regression on the effects of World Development Indicators (WDI) on GDP per capita of Nigeria (1981-2011)*. A conference paper presented at the Annual National Conference of Mathematical Association Nigeria (M.A.N) held at University of Ilorin, Kwara State in 2014. See Book of Abstracts and Book of Proceedings of September 2014 of *M.A.N,* Pp 170-185.

PROJECT RESEARCH COMPLETD

1. **Ekum, M.I.** (2017-2020). T-Power Family of Distributions with Application in Generalized Linear Model. PhD Research Thesis at Department of Statistics, University of Lagos, Akoka, Lagos, Nigeria. Supervised by Prof. Adamu, M.O. and Dr. Akarawak, E.E.E.

2. **Ekum, M.I.** (2015-2016). Panel Data Predictive Model (PDPM) of Food Production and Exports in West Africa (1990-2013). MSc Statistics Research Dissertation at Department of Mathematics, University of Lagos, Akoka, Lagos, Nigeria. Supervised by Prof. Felix Famoye.

3. **Ekum, M.I.** (2017-2020). Panel Data Predictive Modelling of the Effects of Some World Development Indicator (WDI) on GDP Per Capita of Selected African Union (AU) Countries (1981-2011). BSc Project at Department of Statistics, University of Ibadan, Ibadan, Oyo State, Nigeria. Supervised by Prof. Femi Ayoola.

ONGOING RESEARCH

1. **Ekum, M. I.,** & Akintande, O. J. Transformation of Normal-Power to Normal and Power Function Distributions: Application to Fisher's Iris Data Set. Unpublished Article.
2. **Ekum, M. I.** Case Report on Index for Measuring Global Economies During Pandemic. Unpublished Article.
3. **Ekum, M. I.**, Akinyemi, J. A., Akinsola, O. J. & Akintan, P. E. Prognostic Gamma Generalized Regression Modelling of Factors Predicting Differences in Under-5 Mortality. Unpublished Article.
4. **Ekum, M. I.**, Olasokan, O. O. & Kuti, O. O. Geospatial Modelling and Data Analytics of the Socio-Economic Impact of Dangote Refinery on Ibeju Lekki Localities. Unpublished Article.
5. **Ekum, M. I.**, Ogunsanya, A. S., Salawu, O. A., Omoko, I. D. & Akintan, P. E. Closed form for the Median of Gamma Distribution and its Applications. Unpublished Article.
6. **Ekum, M. I.**, Babalola, O., Kuti, O. O., Aromolaran, A., Omoko, D. & Fakeye, O. Mathematical modelling and application of normal-power regression on marine fish populations food consumption. Unpublished Article.
7. **Ekum, M. I.**, Akinyemi, M. I., Ogunsanya, A. S. & Ajala, B. O. Frechet-Dagum-Q Family of Distributions: Structural Properties and Applications. Unpublished Article.
8. **Ekum**, **M. I**. A Note on Novel Normal-Power Non-Linear Function. Unpublished Article.
9. **Ekum, M. I.**, Akarawak, E. E. E., Adamu, M. O., Amalare, A. A., Ogunsanya, A. S. A Technical Note on Novel Normal-Power Regression Model and its Applications in Predicting Economic Indicators. Unpublished Article.
10. Onanuga, , O. K., Sobamowo, G. M., Ehinlafa, E. O., Erusiafe, N., Olopade, M. A., & **Ekum, M. I.** Analytical analysis of the bladeless rotor turbine design for enhanced performance. Unpublished Article.
11. Metilelu, O. O., **Ekum, M. I.,** Toki, E., & Aderogba, A. Exploring Gamma-Power Model for Economic Development of Coastal Tourism in Lagos State. Unpublished Article.
12. Metilelu, O. O., Babalola, O. A., Adeniyi, M. O., **Ekum, M. I**., Omoko, I. D., Olasokan, O. O. Eco-Dynamical Modelling Approach of Uncontrolled Industrialization and Ecotourism on Fishery Resources in Coastal Areas. Unpublished Article.
13. Metilelu, O. O., Adeniyi, M. O. & **Ekum, M. I.** Modelling Environmental Pollution Control Strategy for Coastal Tourism in Nigeria. Unpublished Article. Under Peer Review.
14. Metilelu, O. O., Odewumi, O. S., Ogunjemite, B. G., Oladeji, S. O., Olaniyi, O. E., Adeniyi, M. O., & **Ekum, M.** I. Tourists' Patronage and Tourism Operators' Compliance on Environmental Policies in Coastal Areas of Lagos State, Nigeria. Under Peer Review.
15. Metilelu, O. O., Babalola, O. A., Adeniyi, M. O., **Ekum, M. I**., Omoko, I. D., Olasokan, O. O. Impact of ecotourism and industrialisation on coastal water quality. Unpublished Article. Under Peer Review.

16. Ogunsanya, A. S. & **Ekum, M. I.** A Classical and Bayesian Estimation Techniques for Gompertz Inverse Rayleigh Distribution: Properties and Application. Unpublished Article.

17. Anthonio, Y., **Ekum, M. I.,** Abdulrasid, A. A. & Taylor, J. I. Opial and Hardy Inequalities on Measurable Functions and their Applications to Probability Distributions. Unpublished Article.

18. Akasoro, O., **Ekum, M. I.**, Onanuga, K. & Ogunji, A. Design and Construction of A Novel Energy Consumption Submeter: A Prepaid Meter Sharing Solution. Unpublished Article.

19. Oke, S. I., Adeniyi, M. O., **Ekum, M. I.**, Achadu, O. J., Oludoun, O. Y., Ajala, B. O. & Sunday, O. A. Parameter estimation and control strategies of Lassa fever in Nigeria. Unpublished Article.

20. Adeniyi, M. O., Aminu, S., **Ekum, M. I.**, Rasak, K. & Kuti, O. O. Modelling the relationships between opportunities, unemployment and corruption in Nigeria using Dynamic Model. Unpublished Article.

21. Adeniyi, M. O., Aminu, S. & **Ekum, M. I.** Incident of Grand Corruption In Nigeria: Implications for Stunted Economic Growth and Worsening Unemployment, Poverty and Insecurity. Unpublished Article.

22. Adeniyi, M. O., Akinyemi, J. A., **Ekum, M. I.** & Metilelu, O. O. Transmission of COVID-19 Pandemic dynamics: Impact of pharmaceutical and non-pharmaceutical intervention. Unpublished Article.

23. Adeniji, A. A., Dansu, E. J., Adeniyi, M. O., Ale, S., **Ekum, M. I.**, Shatalov, M. Y. & Enoch, O. O. Japa Model: A Mathematical Framework for Analyzing Brain Drain in Africa. Unpublished Article. Under Peer Review.

24. Adamu, M. O., Ekum, M. I., & Akarawak, E. E. E. A Review of Continuous Univariate Probability Distributions: The T-R{Y} Family. Unpublished Article.

25. Akarawak, E. E. E., Adeleke, I. A., & **Ekum, M. I.** Some Characterization of Transmuted Modified Weibull-Logistic Distribution and its Application. Unpublished Article.

26. Oshin, T. T., Okuo, J. M., & **Ekum, M. I.** The Development of Mathematical Model for Prediction of $PM_{2.5}$ Concentrations in ambient air of Metal Recycling industry in Ogijo, Ogun State, South Western Nigeria. Unpublished Article. Under Peer Review.

SEMINARS, WORKSHOP AND CONFERENCES ATTENDED

1. **6ᵗʰ – 10ᵗʰ November 2023. Participant and Presentation on Normal-Power Regression Model**: 4ᵗʰ Data Science School, titled "Artificial Intelligence and Education", held at Institute of Mathematical Sciences and Physics (IMSP), Dangbo, Republic of Benin.

2. **28ᵗʰ August – 2ⁿᵈ Sepetmber 2023. Resource Person on R Hands-on**: International Conference on Mathematical Sciences and Optimization titled "Industry Engagement and Application" held at Faculty of Science, University of Lagos (UNILAG), Akoka, Lagos, Nigeria, organised by University of Lagos and Association of Mathematical Sciences and Optimization.

3. **7ᵗʰ – 18ᵗʰ August 2023. Resource Person on Python Hands-on:** Data Science School titled "Industry Engagement and Application" held at CITS, University of Lagos (UNILAG), Akoka, Lagos, Nigeria, organised by Department of Statistics, University of Lagos, Nigeria, Sponsored by Statistics Without Borders.

4. **12th – 25th March 2023. Participant:** Summer School titled "Models, Statistics, and Genetics: Understanding Epidemics" held in Sirikwa Hotel, Eldoret, organised by Technische Universitat Munchen (TUM), Sponsored by Volkswagen-Stiftung.

5. **15th – 19th August 2022. Resource Person**: Application of Data Science in Oil and Gas. Training for Nigerian National Petroleum Corporation (NNPC) Staff, organized by Skills Gap & Quotient Consulting Limited, held at Shore Gate Hotel, 29, Joel Ogunnaike Street, GRA, Ikeja, Lagos, Nigeria. Introductory Training in Python and Power BI.

6. **27th – 30th June, 2022. Paper Presenter on the** 6th International Conference of Professional Statisticians Society of Nigeria (PSSN) on Statistics for Sustainable Development in the Post-Covid-19 Era, held at College Hall, Yaba College of Technology, Yaba, Lagos. Workshop on Statistical Theories and Methods for Drug Development.

7. **9th – 13th May, 2022. Paper Presenter on the** 9th International Conference on Mathematical Science & Optimization (ICMSO 2022) of Mathematical Analysis & Optimization Research Group (MANORG) held at Institut De Mathematique Et De Sciences Physiques Universite D' Abomey – Calavi, Porto-Novo, Benin.

8. **5th – 10th December, 2021. Attendant at the** 2021 National Engineering Conference organised by The Nigerian Society of Engineering (NSE) on Expansion of the Energy Mix for National Economic Growth held at National Conference Centre Abuja, Nigeria.

9. **30th June, 2021.** Lagos State Polytechnic, School of Pure and Applied Science, SPAS Lecture Series 1.0, on Energy, Technology and Environment in a Smart City, held at Lagos State Polytechnic, Ikorodu, Lagos.

10. **5th – 7th January, 2021.** NMC –Foundation Postgraduate Virtual Course on Actuarial Science, organised by National Mathematical Centre, Abuja, Nigeria.

11. **12th– 13th November, 2020. Paper Presenter on the** International Conference of School of Science, Yaba College of Technology, titled "Science, Technology and Innovation: Tools for Sustainable Development". A webinar organized by School of Science, Yaba College of Technology, Yaba, Lagos, Nigeria.

12. **4th November, 2020.** SPAS Webinar Lecture Series 1.0 titled "COVID-19 Statistics: Implication on National Economy and Associated Health Complications". A webinar organised by School of Pure and Applied Science, Lagos State Polytechnic, Ikorodu, Lagos, Nigeria.

13. **24th – 28thAugust, 2020. Paper Presenter:** A virtual one week symposium on Probability and Mathematical Statistics, titled Bernoulli-IMS One World Symposium 2020, jointly organized by Bernoulli Society and International Mathematical Society.

14. **12th August, 2020.** Developing Viable Public Transportation Systems for the Socio-Economic Prosperity of Lagos State. A webinar organised by Lagos State Polytechnic, Ikorodu, Lagos, Nigeria.

15. **3rd August, 2020.** Distance Learning for Laspotech. A webinar organised by Lagos State Polytechnic, Ikorodu, Lagos, Nigeria.

16. **29th July, 2020.** Sensitisation Programme on Work Ethics and Service Delivery in Works and Services Department. A webinar organised by Lagos State Polytechnic, Ikorodu, Lagos, Nigeria.

17. **27thJuly, 2020.** e-Library: Options and Reality in a Pandemic Era. A webinar organised by Lagos State Polytechnic, Ikorodu, Lagos, Nigeria.

18. **24thJuly, 2020.** Ethical Issues in Public Sector Accounting. A webinar organised by Lagos State Polytechnic, Ikorodu, Lagos, Nigeria.

19. **23rdJuly, 2020.** Report Writing Course for Administrative & Executive Officers. A webinar organised by Lagos State Polytechnic, Ikorodu, Lagos, Nigeria.

20. **23rdJuly, 2020.** Laspotech Road Map Towards Post Covid-19 Resumption: Need for Strategic Option. A webinar organised by Lagos State Polytechnic, Ikorodu, Lagos, Nigeria.

21. **17th – 21st July, 2020.** International Computer Driving License (ICDL), Training and Certification. Held at Lagos State Polytechnic, ICT Centre, Ikorodu, Lagos, Nigeria. A programme sponsored by Tertiary Education Trust Fund (Tetfund).

22. **7thJuly, 2020.** Sensitization on e-Learning Platforms for Staff and Students. A webinar organised by Lagos State Polytechnic, Ikorodu, Lagos, Nigeria.

23. **7thJuly, 2020.** Post COVID-19 Pandemic Evaluation of Knowledge and Technology Transfer Partnership (ITTP): A New Agenda for Tertiary Education. A webinar organised by Lagos State Polytechnic, Ikorodu, Lagos, Nigeria.

24. **30thJune, 2020.** Modelling COVID-19 Pandemic in Nigeria: Lagos Experience. A webinar organised by Lagos State Polytechnic, Ikorodu, Lagos, Nigeria.

25. **5th – 6th February, 2020.** 1st International Conference of Royal Statistical Society Nigeria Local Group, in collaboration with Department of Statistics, FUNAAB and Nigerian Statistical Association, Ogun State, funded by The International Association of Survey Statisticians, held at Federal University of Agriculture, Abeokuta, Ogun State, Nigeria.

26. **5th - 25th October, 2019.** Foundation Postgraduate Course in Statistical Inference (Non-parametric, Parametric and Bayesian) held at National Mathematical Centre (NMC), Kwali, Abuja.

27. **3rd April, 2019.** Special Training Workshop on Handling and Analyzing Spatio-Temporal Data using ARCGIS and R software, organized by Royal Statistical Society Nigeria Local Group, in collaboration with Department of Statistics, FUNAAB, held at Federal University of Agriculture, Abeokuta, Ogun State, Nigeria.

28. **24th – 30th March, 2019.** The 6thAnnual International Conference & Workshop on Mathematical Analysis and Optimization: Theory and Applications (ICAPTA 2019) held at the National Mathematical Centre, Abuja, Nigeria. Workshop on Network Optimization and machine Learning.

29. **16th January, 2019.** Workshop on Survey Process Design, organized by Royal Statistical Society Nigeria Local Group, in collaboration with Department of Statistics, FUNAAB and Nigerian Statistical Association Ogun State Chapter, funded by The International Association of Survey Statisticians, held at Federal University of Agriculture, Abeokuta, Ogun State, Nigeria.

30. **6th – 14th December, 2018.** The 1stData Science School, From Data to Value and Knowledge, held at Institute of Mathematical Sciences and Physics (IMSP), Dangbo, Republic of Benin.

31. **8th – 12th April, 2018. Paper Presenter** on the2ndInternational Annual Conference of Nigeria Statistical Society (NSS) 10th to 12thPre-conference workshop on a Data Mining Method titled "Classification and Regression Tree Using R: A Simulation approach" in Big Data 8th to 10th, held at University of Calabar, Cross River State, Nigeria.

32. **11th – 17th March, 2018.** The 5thAnnual International Conference & Workshop On Mathematical Analysis and Optimization: Theory and Applications (ICAPTA 2018) held at the University of Lagos, Department of Mathematics, Akoka Lagos, Nigeria.

33. **6th – 8th September, 2017. Paper Presenter** on the 1st International Statistical Conference of Positioning National Statistical System for Data Revolution and Inclusive Development Organized by Nigerian Statistical Association (NSA) at University of Lagos, Akoka, Lagos, Nigeria.

34. **24th – 28th July, 2017.** Lagos State Polytechnic Induction Training for Newly Appointed Academic Staff held at Lagos State Polytechnic, School of Agriculture Lecture Theater, Ikorodu, Lagos, Nigeria.

35. **8th – 11th March, 2017.** The 4th Annual International Conference on Mathematical Analysis and Optimization: Theory and Application (ICAPTA 2017) held at the University of Lagos, Department of Mathematics, Akoka Lagos, Nigeria.

36. **24th – 26th January, 2016.** The University of Ibadan Laboratory for Interdisciplinary Statistical Analysis (UI-LISA) Workshop on "Practical Guide to Logistic Regression Modelling" held at University of Ibadan, Oyo State, Nigeria.

37. **9th – 11th November, 2015.** The 2nd International Conferenceheld at the Lagos State Polytechnic, Ikorodu (CEITD 2015), Lagos State, Nigeria

38. **3rd – 5th December, 2014**. **Facilitated** A 2-Day Training Workshop on "Statistical Package for Social Science" held at Lagos State Polytechnic, Ikorodu, Lagos, Nigeria.

39. **24th – 28th November, 2014**. Advanced Digital Appreciation Programme for Tertiary Institutions (ADAPTI 2014) Training held in Digital Bridge Institute (DBI), Oshodi, Lagos, Nigeria. MS Office Suite and ICT Proficiency.

40. **31st Aug – 5th September, 2014. Paper Presenter** on the51st Annual National Conference of the Mathematical Association of Nigeria (MAN) with theme "Mathematics Education for Sustainable Development" held at Multipurpose Hall, University of Ilorin, Kwara State from Aug. 31 – Sept. 5, 2015-05-22.

41. **2015.** MATLAB, MAPLE and MATCAD Workshop at the Nigerian Mathematical Society (NMS) Pre Conference Workshop held at University of Lagos, Akoka, Lagos.

42. **19th– 21st June , 2012**. The 2nd International Conference on Science and Technology (STECH 2012) held at Engineering Lecture Theatre, Lagos State Polytechnic, Ikorodu.

43. **2012. Resource Person**: Data Analysis Training by Sigma Alliance Solutions Ltd held at PG Section, Kenneth Dike Library, University of Ibadan, Oyo State. Proficiency Training in R, STATA, SAS, EVIEWS, SPSS, TSP, TORA, CSPRO

44. **December, 2012**. Lean Six Sigma (White Belt) Certificate Training. Proficiency Training in Minitab held at Dela Leverage, Ikorodu, Lagos.

45. **November – December, 2012.** The American Project Management Program Certificate. Proficiency Training in MS Project held at Dela Leverage, Ikorodu, Lagos.

46. **8th– 10th April, 2008.** Institute for Operation Research of Nigeria Annual Conference, held at Caleb University, Lagos, Nigeria.

47. **2004.** Campaign on HIV/AIDS Prevention and Adolescence Reproductive Health Seminar/Workshop organized by UNICEF/NYSC held at NYSC Orientation Camp, Paiko, Minna, Niger State.

48. **2002.** Data Analysis Training by Data Smith and Mathematics and Statistics Department, Yaba College of Technology, Yaba, Lagos. Proficiency Training in EPI Info, SPSS, WINQSB, MS Access.

COMMITTEE WORK EXPERIENCE

1. Member: SPTSR Examination Committee   2021 - 2022
2. Member: SPAS Committee on Conferences   2018 - 2023
3. Member: Mathematics and Statistics Committee on Students' Project   2019 - 2023
4. Member: Committee on Curriculum Development   2019 - 2023

CONTRIBUTION TO COMMUNITY DEVELOPMENT

1. Field Officer, National Social Investment Programme (NSIP) Survey for Eti Osa LGA, Lagos State. 2023.
2. Welfare, Gasper Senior Staff Quarters, Lagos State University of Science and Technology, Sabo, Ikorodu, Lagos, Nigeria. 2023 till Date.
3. Facilitator on R Program in Data Analytic Training 2023.
4. Facilitator in Population and Housing Census (PHC) 2023.
5. Assist Lagos State Polytechnic Virtual Lecture Committee in hosting and handling Zoom Webinar, *making me become E-Learning Professional.*   2020.
6. Assist Directorate of Academic Planning in handling result processing 2019-2020.
7. Involve in WAEC Mathematics Marking (2014 Till Date).
8. Involve in NECO Mathematics Marking (2014-2020).
9. Deployment, installation and training of staff on EPI-6 at Professor G.O. Ajayi Gynaecologist Laboratory at College of Medicine, University of Lagos, Idi-Araba, Lagos, Nigeria. 2000.

SCHOLARSHIP, PRIZES AND GRANTS AT UNIVERSITY AND PROFESSIONAL LEVEL

1. Award of Contract of World Bank Project on PRE-SELECTION OF ELIGIBLE WYEP BENEFICIARIES (LSADA/APPEALS/68/1), awarded by Lagos State Agro-processing, Productivity Enhancement, and Livelihood Improvement Support (APPEALS) Project Coordinating Office, Lagos State Agricultural Development Authority of Ministry of Agriculture, August, 2019.
2. Research Assistant on **CRC Grant** No. 2019/02 on Recommendation of Pror. I. A. Adeleke of Department of Actuarial Science and Insurance, Faculty of Management Sciences, on the project titled: "Developing the Inferential Properties and Matlab Add-in for Convoluted Distributions" for a period of March 2019 to August 2019.
3. TEEAL/ITOCA AFRICA SECOND BEST PRIZE AWARD: A research supervised by Prof. Felix Famoye at University of Lagos, in the MSc Category in **AFRICA** Award, in the TEEAL Research Paper Competition 2015. Awarded by Cornell University, USA and the Information Training and Outreach Centre of Africa (ITOCA), South Africa.
4. TEEAL/ITOCA WEST AFRICA SECOND BEST PRIZE AWARD: A research supervised by Prof. Felix Famoye at University of Lagos, in the MSc Category in **WEST AFRICA** Award, in the TEEAL Research Paper Competition 2015. Awarded by Cornell University, USA and the Information Training and Outreach Centre of Africa (ITOCA), South Africa.

5. TRAINING & INSTALLATION OF EPI6 AT GYNECOLOGY MAIN LAB. Through Prof. G.O. Ajayi (Gynecologist Consultant). College of Medicine & Lagos University Teaching Hospital, Idi-Araba, Lagos, Nigeria (2003).

MEMBERSHIP OF PROFESSIONAL BODIES
1. Member, Nigeria Statistical Association (NSA)   2019 till Date
2. Member, Royal Statistical Society (RSS) Nigeria Local Group   2019 till Date
3. Member, International Statistical Engineering Association (ISEA)   2018 till Date
4. Member, Professional Statistical Society of Nigeria (PSSN)   2018 till Date
5. Member, Bernoulli Society (BS), Student member (16240)   2018 till Date
6. Member, American Statistical Association (ASA), Student member   2018 till Date
7. Member, Mathematical Ass. of Nigeria (MAN), Lagos Chapter   2014 till Date
8. Member, Institute for Operations Research of Nigeria (INFORN)   2008

SKILLS AND PROFICIENCY
Ability to work proficiently with the following software and applications:
1. **Data Science/Analytic Tools**: R, Python, Power BI, Tableau, Google Studio, Spark, Scala
2. **Statistical Data Analysis Applications**: SPSS, Win QSB, EPI Info, EViews, STATA, Minitab, GraphPad, TSP, SAS, CSPro, Microsoft Excel
3. **Mathematical Simulation Tools**: Maple, Matlab, MATCAD, Mathematica
4. **Database/Forms Applications**: Mongo DB, MySQL, SQL Server, Arango DB, Oracle DB, Google Form, Microsoft Access
5. **Computer Programs**: Visual Basic/ Visual Basic Applications, Q Basic, OO FORTRAN
6. **Word Processor/Presentation Tools**: MS Word, Texstudio, WPS Office, iA Writer, WordPerfect, MS PowerPoint, Latex Beamer, Google Docs, WordPad, Grammarly.
7. **Web/Cloud Management Applications**: Cloudera app developer
8. **Online Meeting Applications**: Microsoft Teams, Zoom, Google Meet, Skype, Zoho Meeting

EXTRA-CURRICULAR ACTIVITIES
Researching, teaching, statistical programming, traveling, Watching Football games, Swimming, learning new skills, and listening to music.

NAMES AND ADDRESSES OF REFEREES
(1) Prof. Muminu ADAMU
     Professor of Statistics,
     Head, Department of Statistics,
     University of Lagos, Akoka, Yaba, Lagos, Nigeria.
     Mobile: +2348023288606
     E-mail: madamu@unilag.edu.ng.
     Ph.D. Statistics Thesis Supervisor

(2) Prof. Felix FAMOYE,
     Professor & Consulting Statistician,
     Department of Statistics, Actuarial & Data Sciences,

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MSc. Statistics Dissertation Supervisor

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