

ADENOMON, MONDAY OSAGIE, PhD, CStat

Associate Professor and Chartered Statistician (CStat, RSS-UK)
ISI Elected Member

+2347036990145
adenomonmo@nsuk.edu.ng

Department of Statistics, Nasarawa State
University, Keffi, PMB 1022, Keffi,
Keffi, Nigeria

PERSONAL DATA

Place and Date of Birth: Benin City/ 29th September, 1980
Nationality: Nigeria
State of Origin & Local Govt Area: Edo State/Uhunwonde
Permanent Home Address: No. 1 Nosakhare Close, Off Ojo Street, Uwasota, Ugbowo, Benin, City
Postal Address/GSN Numbers & Email Address: Department of Statistics, Nasarawa State University, Keffi, P. M. B. 1022, Keffi, Nasarawa State.
07036990145; 08150775104
adenomonmo@nsuk.edu.ng; admonsagie@gmail.com
Marital Status: Married
Number and Age of Children: 4 children; Jemima-7yrs; Jeremiah-5years, Jedidah-3yrs; Jehosheba-1yr

LINK TO PROFILE AND RESEARCHER ID

Scopus ID: <https://www.scopus.com/authid/detail.uri?authorId=57215507440>
Web of Science ResearcherID: AAU-5175-2020
<https://www.webofscience.com/wos/author/record/2042335>
Mendeley: [Mendeley.com/authors/57215507440/](https://www.mendeley.com/authors/57215507440/)
Google citation: <https://scholar.google.com/citations?user=fqNq8EcAAAAJ&hl=en>
Research gate citation: https://www.researchgate.net/profile/Monday_Adenomon
Open Research Contributors ID: <https://orcid.org/0000-0002-9523-8032>
RePEc Short-ID: pad 160
<https://authors.repec.org/menu!c7b33e50520bab8c4a9068c1c018f49b>

RESEARCH INTEREST

Data Science; Machine Learning to Finance and Economics; Econometrics; Time Series Analysis; Bayesian Time Series Econometrics; Financial Time Series Analysis; Statistical Computing; Panel Data Analysis; Count Data Analysis; Spatial Econometrics; Interdisciplinary Statistical Analysis;

EDUCATION

PhD University of Ilorin, Nigeria, Statistics April, 2016
Dissertation: "Performance Rating of Bayesian VAR with Sims-Zha

Prior and Classical VAR Models under different Data Structures ”
Committee: Prof. W. B Yahya(chair), Prof. B.A. Oyejola,
Prof. R. A. Ipinyomi.

- MSc** University of Ilorin, Nigeria, Statistics June, 2010
Thesis: “A Time Series Analysis of the Relationship between Savings
and Investment in Nigeria”
Advisor: Prof. Oyejola, B. A.
- PGD** University of Ilorin, Nigeria, Statistics September 2006
Project: “Modelling Savings as a Function of Inflation Rates
and Per Capital Income from 1982 to 2001”
Advisor: Dr. Sanni O. O.
- BSc** Kwara University, Wukari, Statistics February 2021
First Class
Minored in Mathematics
- HND** Federal Polytechnic, Bida, Statistics November 2004
Distinction
Minored in Mathematics

WORKSHOP ORGANIZER AND FACILITATOR

List relevant workshop organized and facilitated in reverse chronological order.
Include a short description if necessary.

Title of Workshop: Chartered Institute of Stockbrokers MCPD Virtual Training
Presentation and Hands-On Training on Financial Modeling and Forecasting with
Excel and EViews (dated 22nd June 2021)
Facilitator for Financial Modeling and Forecasting with Excel and EViews

Title of Workshop: Phase II Training of Trainers workshop for participating Federal
and State MDAs Under the TCP/NIR/3702- Strengthening Institutional capacity for
Improved data and Information systems for policy planning and Tracking the SDGS
in Nigeria organized by Food and Agriculture Organization (FAO) of the United
Nations (dated 15th-19th February, 2021)
Facilitator for ODK and R

Title of Workshop: Northern Nigeria Regional Symposium 2020 organized by LISA
2020 Global Network with International Statistical Institute (ISI).Funded by World
bank through ISI (dated 13th to 16th December 2020)
Lead Organizer and Lead Facilitator.

Title of Workshop: One-Day Capacity Building on Data Analysis with R for Undergraduate students organized by LISA 2020 Global Network with International Association of Statistical Computing and International Statistical Institute (ISI).Funded by World bank through ISI (dated 19th December 2020)

Lead Organizer and Lead Facilitator.

Title of Workshop: Training of Trainers workshop for participating Federal and State MDAs Under the TCP/NIR/3702- Strengthening Institutional capacity for Improved data and Information systems for policy planning and Tracking the SDGS in Nigeria organized by Food and Agriculture Organization (FAO) of the United Nations (dated 9th-12th November, 2020)

Facilitator for ODK and R

Title of Workshop: Webinar on Capacity building on Analyzing financial and Agricultural data using R organized by LISA 2020 Global Network with International Association of Statistical Computing and International Statistical Institute (ISI).Funded by World bank through ISI (dated 28th-30th September 2020)

Lead Organizer and Lead Facilitator.

Title of Workshop: Webinar and In-Person on Statistical Capacity Building for Women in Statistics and Data Science in Nigeria amidst COVID-19 Pandemic organized by NSUK-LISA Stat Lab and International Statistical Institute (ISI). Funded by World bank through ISI (dated 20th June and 27th June 2020)

Organizer and Lead Facilitator.

HONOURS AND AWARDS

List relevant honours and marks of academic distinction in reverse chronological order. Include a short description if necessary.

Grant Name: eBASE Global Fellowship 2022 (Fellow for Nigeria) 2022-2023
March 2022 to February 2023

Grant Name: Travel Grant to Attend the 14th BESLAB Experimental 2022
Economics Summer School in Macroeconomics, 2022, June 5-11, 2022 Berlin,
Germany

Grant Name: 2021 TETFUND IBR 2021

Project Title: In-Sample Forecasting Performances of Sims-Zha Bayesian VARX in the Presence of Collinearity Between the Exogenous Variables

Principal Investigator

Grant Name: 2021 R Users-North Central Nigeria Universities Workshop 2021
Grant Number: 21-RUGS-1-33

Grant Name: FOUND-LEAS-IN-NIGERIA 2021
Grant on supporting R language and the Sustainability of the R open
Ecosystem
Grant Number: 21-RUGS-1-32

Title of Grant: International Statistical Institute (ISI) Grant for a Webinar 2020
and In-Person on Statistical Capacity Building for Women in Statistics and
Data Science in Nigeria amidst COVID-19 Pandemic
Lead Facilitator.

Title of Award: Best paper Presentation at the 1st International Conference of 2020
The Royal Statistical Society Nigeria Local group
Lead Author- Modeling Registered Births And Deaths In Nigeria Using Generalized
Linear Models

Title of Award: Consultant and Partner to eBASE on “We Attain Project” 2020
Funded by Educational Endowment Fund (UK)

Title of Award: LISA Scholar Grant, University of Colorado, USA. Travel 2019
Grant to LISA 2020 Symposium and ISI Internal Conference, Malaysia

Title of Grant: TETFUND International Conference Travel Grant 2019.

Title of Award: Young Researcher travel grant from Central Michigan 2019
University, USA.

Title of Grant: TDR Affiliate and Grantee on MOOC Implementation 2019
Research

Title of Grant: Nasarawa State University Travel Grant to AAU, Ghana. 2018

Title of Grant: TETFUND Research Grant 2018
Co-Researcher – Modeling and Forecasting Daily Stock Price of First Bank

Title of Grant: TETFUND Manuscript development Grant 2017
Sole Author-Introductory to Univariate and Multivariate Time Series with Examples
in R.

Title of Grant: TETFUND Research Grant 2015
Lead Researcher - A Study of Performance of Classical VAR and Bayesian VAR with Sims-Zha Prior Models under Different Data Structures and Forecasting Horizons

Title of Award: Best Academic HND Student 2004
Best Academic HND Student 2003/2004 Session in Statistics, The Federal Polytechnic, Bida P.M.B 55, Bida Niger State.

RESEARCH EXPERIENCE

Highlight important accomplishments, skills, and projects using concise sentences, beginning with an action verb *e.g Assessed, Delivered, Designed*. Complete sentences are not necessary. Be consistent in your grammatical style.

Dissertation, University of Ilorin, Nigeria 2016
Supervisor: Prof. Oyejola, B. A.

- Simulation Skill/Scientific writing skills (Delivered)

Federal Polytechnic, Bida, Nigeria 2006 to 2016

Position: Senior Lecturer

- Teaching/Supervision of student projects
- Research paper writing in the field of Statistics

Nasarawa State University, Keffi, Nigeria 2022 to Till Date

Position: Associate Professor

- Teaching/Supervision of BSc student projects
- Teaching and supervision of MSc and PhD Students
- Research paper writing in the field of Statistics
- Organizing Academic workshop

TEACHING EXPERIENCE

When you list courses, include a brief description so that the course can be compared to a similar course at another university. You might want to include the typical number of students in the course as well as list your responsibilities such as developing course materials, lecturing, grading, developing the syllabus, etc. How you decide to list or group your courses, skills, teaching methods, roles, and responsibilities will depend on your amount of experience. The examples below are just a few ideas.

Nasarawa State University, Keffi, Nigeria November 2016 to Date
Associate Professor, Department of Statistics

- Business Statistics , an undergraduate course averaging 120 students per semester, covering the following topics: Introduction to Statistics, Measure of central tendencies, Index number etc.

- Econometrics , an undergraduate course averaging 50 students per semester, covering the following topics: Econometrics, economic function, regression and correlation, simultaneous equation etc.
- Developed quizzes, exams, and homework
- Revised the syllabus to meet accreditation standards
- Coordinated grading and labs with a team of 4 teaching assistants (commonly done for postgraduate thesis internal defense)

Doctoral Students Advised

1	Micheal, Vincent. A.	Investigating Econometric Models in the Presence of Unit Root and Structural Breaks in Macroeconomic Variables (PhD Thesis)	Completed Dec. 2023
2.	Ajao Kayode	Investigation of some macroeconomic factors across the Economic Community of West Africa States using PVAR and PVEC Models (PhD Thesis)	Completed Dec. 2023
3.	Okoro-Ugochukwu, N. A.	Spatial Econometrics Analysis with Implication to Okun's Law and Philips Curve on the Nigeria Economy (PhD Thesis)	Completed August 2021
4.	Alemho, J. E.	Comparative Analysis of Bayesian Vector Autoregressive Model (BVAR) and Bayesian Vector Error Correction Model on Nigeria Selected Macroeconomic Indicators (PhD Thesis)	Completed August 2021
5.	Aruna U. Sunday	Comparative Study of Bayesian, Quadratic and Exponential GARCH Models of Insurance Stock in Nigeria (PhD Thesis)	Completed August 2021
6.	Zubair M. Anono	Comparison of Estimators' Efficiency for Linear Regressions with Joint Presence of Autocorrelation and Multicollinearity (PhD Thesis)	Completed August 2021
7.	Chaku, S. E.	Premium Modeling for an Automobile Insurance Portfolio Using Generalized Linear models and Its Extension (PhD Thesis)	Completed August 2021
8	Emenogu, N. G	Modeling and Forecasting Daily Stock Prices in Nigeria using GARCH Family Models (PhD)	Completed Sept. 2019

		Thesis)	
--	--	---------	--

Masters Students Advised

S/No.	Name	Topic	Status
1	Bulus, E. A.	A Simulation Study on the comparison between ARIMA and ARFIMA in the Presence of Autocorrelated error in Univariate Time Series Data (M.Sc. Dissertation)	Completed Sept. 2018
2.	Alemho, J. E.	Simulation Study on the comparison of Vector Error Correction Model (VECM) and Autoregressive Distributed Lag (ARDL) Model when the Data are Non-Normally Distributed (M.Sc. Dissertation)	Completed Sept. 2018
3.	John, J. M.	Modeling Volatility of Nigeria Stock Exchange using Multivariate GARCH Models (M.Sc. Dissertation)	Completed Sept. 2018
4.	Okoro-Ugochukwu, N. A.	Statistical Analysis of the Impact of Some Macro Economic Variables on Unemployment Rates in Nigeria (M.Sc. Dissertation)	Completed Sept. 2018
5.	Ogujiofor, G. O.	The Contribution of Commercial Banks to GDP Growth in Nigeria using Autoregressive Distributed Lag Model (M.Sc. Dissertation)	Completed Sept. 2018
6.	Obazee, O. F. NSU/MSc/STA/0033/17/18	Impact of Socio-Economic Factors and Indoor Mosquito Control on Malaria Prevalence Among Pregnant Women in Nigeria using Logistic Regression (MSc Dissertation)	Completed Sept. 2019
7.	Anikweze, E. C. NSU/MSc/STA/0006/17/18	Investigating the Trend of Registered Birth and Death Rates in Nigeria using Generalized Linear Models (MSc Dissertation)	Completed Sept. 2019
8.	Akinyemi, G. S. NSU/MSc/STA/0024/17/18	Analysis of Tuberculosis and HIV Cases in West Africa	Completed Sept. 2019

		Using Panel Poisson and Negative Binomial Regression Models (MSc Dissertation)	
9.	Ayuba, I NSU/MSc/STA/0028/17/18	Effect of Tax Revenue on Economic Development in Nigeria using Vector Error Correction Model and Robust Regression Model (MSc Dissertation)	Completed Sept. 2019
10.	John Emeka NSU/MSc/STA/0032/17/18	Comparing Selected GARCH Model on FCMB Stock Returns (MSc Dissertation)	Completed Sept. 2019
11.	Haruna M. NSU/MSc/STA/0023/17/18	Modelling Inflation rate as a Function of interest rate, Exchange Rate and Fuel Price in Nigeria using Autoregressive Distributed Lag Model. (MSc Dissertation)	Completed Sept. 2019
12.	Ukwuoma, N. M NSU/MSc/STA/0030/17/18	Analysis of Union Bank Stock Returns Using GARCH Models and Backtesting Approach (MSc Dissertation)	Completed Sept. 2019
13.	John, D. O. NSU/MSc/STA/0030/17/18	Prevalence of Hypertension and Risk factors Among Adults Using Ordinal Logistic Regression Model (MSc Dissertation)	Completed Sept. 2019
14.	Ojo, O. R NSU/MSc/STA/0008/17/18	Autoregressive Distributed Lag Modeling of The Effects of some macroeconomic Growth in Nigeria (MSc Dissertation)	Completed Sept. 2019
15.	Agbo, P. I. NSU/MSc/STA/0029/17/18	Application of Logistic Regression in Risk prediction of Hypertensive Disorder in Pregnancy at the Federal Medical Centre Lokoja (MSc Dissertation)	Completed Sept. 2019
16.	Usman, D. NSU/MSc/STA/0038/17/18	A Study of Mother-to-Child Transmission of HIV in Nasarawa State Using Logistic, Poisson and Negative Binomial Regression Models (MSc Dissertation)	Completed Sept. 2019
17	Usman, A.	Comparison of Autoregressive Distributed lag model and	Completed Sept. 2019

		Vector Error Correction Model Analysis on the Effect of Some Macroeconomic Variables on GDP in Nigeria(MSc Dissertation)	
18	Izima, B. F.	Effect of Financing SMEs, Literacy Rate and Unemployment rate on Poverty Alleviation in Nigeria using Vector Error Correction Model (VECM) (MSc Dissertation)	Completed Sept. 2019
19	Ofonakara, A. O 1740906156	The Effect of Socio-Economic Factor on the use of Contraceptive Among women of Reproductive Age using Logistic Regression Approach (M.Sc. Dissertation)	Completed June 2021
20	Anyakorah, A. C. 1740906098	Macroeconomic developments in Nigeria: Impact of Inflation and Exchange rate Growth to Unemployment (M.Sc. Dissertation)	Completed June 2021
21	Aroniyo, M. A. 1740906089	An Empirical Analysis of Interest rate Variation in Private Investment (M.Sc. Dissertation)	Completed June 2021
22	Madu, F. O. 1740906088	A Comparison of the Out of Sample Forecast for Inflation Rates in Nigeria Using ARIMA and ARIMAX Models (M.Sc. Dissertation)	Completed June 2021
23	Uzoaga, G. A. 1740906118	Statistical Analysis of Prevalence of Domestic Violence against Women in Nigeria (M.Sc. Dissertation)	Completed June 2021
24	Abdul-Azeez, H. S. 1740906084	Saving-Investment Interrelationship Using Vector Error Correction Model and Granger Causality test (M.Sc. Dissertation)	Completed June 2021
25	Odu, I. J. 1740906116	The Causes of Unemployment in Nigeria Using Fully Modified Ordinary Least Square (FMOLS) (M.Sc. Dissertation)	Completed June 2021
26	Taiwo, E. A. 1740906104	Cointegration Regression Analysis on Unemployment	Completed June 2021

		and Poverty rate (M.Sc. Dissertation)	
27	Osakwua, R 1740906108	Modeling of Daily Stock Price of Zenith Bank Nigeria Plc using Family GARCH Models (M.Sc. Dissertation)	Completed June 2021

University of Abuja, Nigeria January 2018 to Date
Part-Time Teaching Assistant for Postgraduate students, Statistics

- On-going MSc projects in Statistics, Teaching and Supervision

OTHER WORK EXPERIENCE

Add this section if you have any other work experience besides research and teaching.

Computer Operator, State House Abuja, Nigeria 2001

- Computing Skills

Industrial Trainee, Federal Ministry of Finance, Nigeria 2001-2001

- Typing Skills and Clerical Officer

National Youth Corps, Christ the King Group of Schools, Uromi, Nigeria 2001-2002

- Teaching Skills and Student Assessment skills

PUBLICATIONS

List your publications in reverse chronological order. Use an acceptable reference format commonly used in your field. Group your publications into different categories if you have a sufficient number to do so.

H-index: 9 (Google); 9 (Research Gate); 2 (Scopus); 2 (Web of Science)

Books

1. Emenogu, N.G. and **Adenomon, M. O.** (2018): Design and Analysis of Experiments with Examples in R. Niger State, Nigeria: Jube-Evans Books & Publication.

2. Ajao, K., **Adenomon, M. O.** and Ojo, M. S.(2018): Research Methodology. Niger State, Nigeria: Jube-Evans Books & Publication.

3. **Adenomon, M. O.** & Micheal, V. A.(2017): Introductory Econometrics with Examples in EViews. Niger State, Nigeria: Jube-Evans Books & Publication

4. **Adenomon, M. O.** (2016): An Introduction to Univariate and Multiple Time Series Analysis with Examples in R: Niger State, Nigeria: Jube-Evans Books & Publication.
5. **Adenomon, M. O.** (2015): An Introduction to Univariate and Multiple Time Series Analysis with Examples in R: Germany: Lambert Academic Publishing.
6. Egwim , E.C and **Adenomon, M. O.** (2006). A Practical Guide for PowerPoint Design and Paper Presentation, Blessed Prints

Book Chapter Contributions

1. Adenomon, M. O. and Madu, F. O. (2022): Comparison of the Out-of-Sample Forecast for Inflation Rates in Nigeria using ARIMA and ARIMAX Models. In Time Series Analysis-New Insights. DOI:<http://dx.doi.org/10.5772/intechopen.107979>.
2. Adenomon, M. O. (2022): Statistical Consulting and Collaboration Practices: The Experience of NSUK-LISA Stat Lab. In Awe, O. O.; Love, K. & Vance, E. A. (Eds): Promoting Statistical Practice and Collaboration in Developing Countries, Pp. 131-138. DOI:10.1201/9781003261148-13 2.
3. Adenomon, M. O. (2022): Teaching and Learning Statistics in Nigeria with the Aid of Computing and Survey data sets from International Organizations. In Awe, O. O.; Love, K. & Vance, E. A. (Eds): Promoting Statistical Practice and Collaboration in Developing Countries, Pp. 371-382. DOI:10.1201/9781003261148-32 3.
4. Adenomon, M. O. (2020): Financial Time Series Analysis Via Backtesting Approach. In Linked Open Data-Applications, Trends and Future Developments. DOI:<http://dx.doi.org/10.5772/intechopen.94112>

Journal Publications

1. Awodiji, O. A., **Adenomon, M. O.**, Ololo, K. C., Ajayi, I. G. (2023). The economic impact of the COVID-19 lockdown on family life and children's eating habits. EUREKA: Social and Humanities, 4, 00–00. doi: <http://doi.org/10.21303/2504-5571.2023.002915>
2. Okoro-Ugochukwu, N. A. and **Adenomon, M. O.** (2023): Spatial Econometric Analysis with Application of Phillips Curve on Nigerian Economy. Benin Journal of Statistics, 6:1-21

3. Micheal, V. A.; **Adenomon, M. O.** & Nweze, N. O. (2023): Sample Size Simulation for Unit Root, Structural Break and Regime Shifts. *Science World Journal*, 18(2): 259-266. <https://dx.doi.org/10.4314/swj.v18i2.13>
4. Abbas, U. and **Adenomon, M. O.** (2023): Comparison of Autoregressive Distributed Lag Model and Vector Error Correction Model Analysis on the Effect of some Macroeconomic Variable on GDP in Nigeria. *Intl J. Fin. Res.* 4(2): 90-115 <https://doi.org/10.47747/ijfr.v4i2.1165>
5. Ajao, K. and **Adenomon, M. O.** (2023): Modelling Short-Run Dynamics of Macroeconomic Variables on GDP in ECOWAS Countries using Panel Vector Autoregression Model. *Asian Journal of Probability and Statistics*, 22(4): 1-13; DOI:10.9734/ajpas/2023/v22i4488
6. **Adenomon, M. O.** and Idowu, R. A. (2023): Modelling the Impact of the COVID-19 Pandemic on Some Nigerian Sectorial Stocks: Evidence from GARCH Models with Structural Breaks. *FinTech* 2023, 2(1), 1-20; DOI: [10.3390/fintech2010001](https://doi.org/10.3390/fintech2010001)
7. **Adenomon, M. O.**, Emenogu, N. G. and Idowu, R. A. (2023): The Impact of Global Financial Crisis and COVID-19 Pandemic on Crude Oil Futures Returns. *Eur. J. Stat.* 3(5): doi:10.28924/ada/stat.3.5
8. **Adenomon, M. O.** and Oduwale, H. K. (2022): Dynamics of Inflation, Interest and Exchange Rates with the Effects of Money Supply and GDP in Nigeria: Evidence from BVARX Models. *Asian Journal of Probability and Statistics*, 20(3): 122-131, 2022; Article no.AJPAS.93235. DOI: 10.9734/AJPAS/2022/v20i3431
9. Adenomon, M. O.; Maijamaa, B. and John, D. O. (2022): The Effects of COVID-19 Outbreak on the Nigerian Stock Exchange Performance: Evidence from GARCH Models. *Journal of Statistical Modelling and analytics*, 4(2):25-38. <https://ijie.um.edu.my/index.php/JOSMA/article/view/36342/14463> (Online)
10. Zubair, M. A. & **Adenomon, M. O.** (2021): Robustness Test of the Two-Stage K-L Estimator in Models with Multicollinear Regressors and Autocorrelated Error Term. *Asian Journal of Probability and Statistics*, 14(3):22-33
1. Zubair, M. A. & **Adenomon, M. O.** (2021): Comparison of Estimators for Linear Regressions with Joint Presence of Autocorrelation and Multicollinearity. *Science World Journal*, 16(2):103-109
2. Aliyu, S. A.; Abubakar, M. A. & Adenomon, M. O. (2021): Application of SARIMA Models in Modelling and Forecasting Monthly Rainfall in Nigeria. *Asian Journal of Probability and Statistics*, 13(3):30-43.

3. Emenogu, G. N.; **Adenomon, M. O** and Nweze, N. O.(2020); On the Volatility of Daily Stock Returns of Total Petroleum Company of Nigeria: Evidence from GARCH Models, Value-at-Risk and Backtesting, **Financial Innovation, Springer**. <https://jfin-swufe.springeropen.com/articles/10.1186/s40854-020-00178-1> (In Scopus & Web of Science)
4. Emenogu, N. G. & **Adenomon, M. O**.(2020): Robustness of GARCH Family Models to High Positive Autocorrelation. **Journal of the Nigerian Statistical Association**, 31: 13-28
5. **Adenomon, M. O.**; Okoro-Ugochukwu, N. A. and Adenomon, C. A. (2020): On the Determinants of Unemployment Rate in Nigeria: Evidence from Fully Modified OLS and Error Correction Model. *Journal of Asian Economics, Accounting and Finance*, 1(2):199-225.
6. **Adenomon, M. O.** & Oyejola, B. A. (2019): Performance of Vector Autoregressive Models Influenced by Collinearity and Autocorrelated Error. **Journal of Nigerian Statistical Association**, 31:9-37
7. Emenogu, N. G.; **Adenomon, M. O.** and Nweze, N. O.(2019): Modeling and forecasting Daily stock Returns of Guaranty Trust Bank Nigeria Plc Using ARMA-GARCH Models, Persistence, Half-life Volatility and Backtesting. *Science World Journal*, 14(3):1-22.Scienceworldjournal.org/article/view/19738
8. Adenomon, M. O.(2018):Forecasting Exchange Rate in Nigeria: Comparison of Classical VAR and Sims-Zha Bayesian VAR Models. *Journal of the Mathematical Sciences (National Mathematical Centre, Abuja)*, 5(1):993-1008.
9. Mayaki, J. & **Adenomon, M. O**.(2018): Investigating Wagner's Law For Nigeria: A Robust Estimate Between ARDL And Engle-Granger Two-Step Cointegration And Error Correction Models. *Journal of the Mathematical Sciences (National Mathematical Centre, Abuja)*, 5(1):921-940.
10. **Adenomon, M. O.** and Ayuba, I. (2018): Generalized Linear Models On Road Traffic Crash Along Keffi-Lafia Road From 2006 To 2015. *FUW Trends in Science & Technology Journal*, 3(2B):858-862.
11. Emenogu, N. G.; **Adenomon, M. O.** and Nweze, N. O.(2018): On The Performance Of Garch Family Models Using The Root Mean Square Error And The Mean Absolute Error. *Benin Journal of Statistics*, 1:45-60.

12. Adenomon, M. O.(2017): Modelling and Forecasting Unemployment Rates in Nigeria Using ARIMA Model. *FUW Trends in Science & Technology Journal*, 2(1B):525-531.
13. **Adenomon, M. O.** & Adenomon, C. A.(2017): Fitting a Poisson Regression Model to Reported Deaths from HIV/AIDs in Nigeria. *International Journal of Statistical Distributions and Applications*. 3(3):56-60.
14. **Adenomon, M. O.** & Tela, M. N. (2017): Application of Okun's Law to Developing Economies: A Case Study of Nigeria. *Nasara Scientifique Journal of Natural and Applied Sciences*. 5(2):12-20.
15. **Adenomon, M. O.** & Tela, M. N. (2017): Development of a Simple Time Series Model and ARIMA Model for Inflation Rate in Nigeria. *Nasara Scientifique Journal of Natural and Applied Sciences*. 5(2):210-223.
16. **Adenomon, M. O.**; Evans, O. P. & Tela, M. N.(2017): Statistical Investigation on the Hydrolysis and Fermentation Processes of Cassava Peels in the Production of Bioethanol. *International Journal of Statistical Distributions and Applications*. 3(3):47-55.
17. Adenomon, M. O.(2016): Analysis of Agriculture and Gross Domestic Product of Nigeria Using First Difference Regression Model. *Journal of Nigerian Statistical Association*, **28**: 42-57
18. **Adenomon, M. O.**; Michael, V. A. & Evans, P. O.(2016): On the Performances of Classical VAR and Sims-Zha Bayesian VAR Models in the Presence of Collinearity and Autocorrelated Error terms. *Open Journal of Statistics*, **6**,96-132. <http://dx.doi.org/10.4236/ojs.2016.61012>
19. **Adenomon, M. O.** & Oyejola, B. A.(2016): Forecasting performances of the Classical VAR and Sims-Zha Bayesian VAR Models when the Bivariate Time Series comes from a Stable Data Generation Process. *International Journal of Advances in Mathematics and Statistics*. 1(1):3-11 www.ijams.in
20. **Adenomon M. O.** & Evans P.O.(2016): Cross Correlation Analysis on the Relationship Between Maximum Temperature and Relative Humidity in Bida, Niger State. *International Journal of Agricultural Economics*.1(3): 62-66. doi: 10.11648/j.ijae.20160103.12
21. **Adenomon, M. O.** & Oyejola, B. A. (2016): Forecasting Bivariate Time Series Data in the Presence of AR(1) error terms. *Lapai Journal of Science and Technology, Ibrahim Badamasi Babaginda, Lapai, Niger State*. 3(1): 111-124.

22. **Adenomon, M. O.** (2015): Bayesian Vector Autoregression (BVAR) Modelling and Forecasting of the Dynamic Interrelationship between GDP and Agricultural Sector in Nigeria. *Journal of Advanced Mathematics*. 01(01):19-22. www.asdpub.com/index.php/jam
23. **Adenomon, M. O.**; Michael, V. A. & Evans, P. O. (2015): Short Term Forecasting performances of Classical and Sims-Zha Bayesian VAR Models for Time Series with Collinear Variables and Correlated Error Term. *Open Journal of Statistics*, **5**, 742-753. <http://dx.doi.org/10.4236/ojs.2015.57074>
24. **Adenomon, M. O.**; Michael, V. A. & Evans, P. O.(2015): A Simulation Study on the Performances of Classical VAR and Sims-Zha Bayesian VAR Models in the presence of autocorrelated errors. *Open Journal of Modelling and Simulation*, **3**, 146-158. <http://dx.doi.org/10.4236/ojmsi.2015.34016>
25. **Adenomon, M. O.** and Oyejola, B. A. (2014): A Simulation Study of Effects of Collinearity on Forecasting of Bivariate Time Series Data. *Sch. J. Phys. Math. Stat.* 1(1):4-21
26. **Adenomon, M. O.** and Oyejola, B. A. (2014): Forecasting Meteorological Time Series Data with a Reduced Form Vector Autoregressive (VAR) Model and Three Univariate Time Series Techniques: A Comparative Study. *Social and Basic Sciences Research Review*. 2(3):139-152. www.absronline.org/journals
27. Evans, O. P & **Adenomon, M. O.**(2014): Modeling the Prevalence of Malaria in Niger State: An Application of Poisson Regression and Negative Binomial Regression Models. *International Journal of Physical Sciences*. 2(4):061-068. <http://academeresearchjournals.org/journal/ijps>
28. **Adenomon, M. O.**; Oyejola, B. A. & Ojehomon, V. E. T. (2014): Comparison of Decomposition Time Series Method and Winters' Seasonal exponential Smoothing in Forecasting Seasonal Temperature in Niger State, Nigeria. *Journal of Nigerian Statistical Association*. 26:20-34.
29. **Adenomon, M. O.**; Ojehomon, V. E. T. & Oyejola, B. A.(2013): Modelling the Dynamic Relationship between Rainfall and Temperature Time Series Data in Niger State, Nigeria. *Mathematical Theory and Modelling*. 3(4):53-70.
30. **Adenomon, M. O.** and Oyejola, B. A. (2013): Impact of Agriculture and Industrialization on GDP in Nigeria: Evidence from VAR and SVAR models. *International Journal of Analysis and Applications*. 1(1):40-78 (**Web of Science**)

31. **Adenomon, M. O.**; Oyejola, B. A and Adenomon, C. A. (2012). On the Relationship Between Savings and Investment in Nigeria: A Vector Autoregressive analysis approach. *Journal of the Nigerian Statistical Association*.24:45-58
32. Egwim, E. C and **Adenomon, M. O** (2009). Predicting α – amylase Yield and Malt Quality of Some Sprouting Cereals Using 2nd Order Polynomial Model. *African Journal of Biochemistry Research* 3(8):288-292.
www.academicjournals.org/AJBR
33. **Adenomon, M. O.**; Fesojaiye, M. O. and Aruna, U. S. (2009). A Comparison of SUR and OLS Estimating Techniques. *Journal of Science and technology*. 8(3):68-72.

Conference Papers

(Peer-Reviewed)

1. Adenomon, M. O. (2023): Predicting Wheaton Precious Metal Stock Prices: Machine Learning Techniques versus Time Series Approach. A poster to be presented **online with the theme Youth in High-Dimensions: Recent Progress in Machine Learning, High-Dimensional Statistics and Inference** at the Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste **from 29 May 2023 to 02 June 2023**.
2. Adenomon, M. O. (2022): Teaching Machine Learning with R in Nigeria: Challenges and Prospects. Contributed talk presented at ICTP. With the Theme: Ethical and Societal Challenges of Machine Learning **(Online)**, November 7-11, 2022
3. Adenomon, M. O. (2021): The Long Run Effects Of Some Macroeconomic Variables On Gdp Of Financial Institutions In Nigeria Using Autoregressive Distributed Lag And Fully Modified Ordinary Least Squares Proceedings of the Al-Farabi Intl Congress on Applied Sciences-II, Nakhchivan, University, Azerbaijan. Pp. 176-187.
4. Adenomon, M. O. (2021): Statistical Capacity Building among Students and Users of Statistics through Data Ethics and Data Science Techniques in North Central Nigeria. Proceedings of the Al-Farabi Intl Congress on Applied Sciences-II, Nakhchivan, University, Azerbaijan. Pp. 170-175
5. Okoro-Ugochukwu, N. A. & **Adenomon, M. O.** (2021): Spatial Econometrics Analysis with Application of Phillips’s Curve on Nigerian Economy.

- Proceedings of II International Hazar Scientific Researches Conference, Baku, Azerbaijan, Khazar University. PP. 486-491
6. Adenomon, M. O. (2021): Advancement of Statistical Computing in North Central Nigeria: Way Forward. Proceedings of II International Hazar Scientific Researches Conference, Baku, Azerbaijan, Khazar University. PP. 492-496
 7. Okoro-Ugochukwu, N. A. & **Adenomon, M. O.** (2021): Application Of Okun's Law On Nigerian Economy: Evidence From Spatial Econometrics Analysis. Proceedings of 2nd Intl Congress on Mathematics & Geometry, Ankara. Turkey. PP. 146-143. www.izdas.org
 8. **Adenomon, M. O.** & Fagbemi, E. T. (2021): On The Dynamics Of The Prevalence Of Some Infectious Diseases In Nigeria Using Logarithm Vector Autoregressive Model. Analysis. Proceedings of 2nd Intl Congress on Mathematics & Geometry, Ankara. Turkey. PP. 139-145. www.izdas.org
 9. **Adenomon, M. O.** & Akinyemi, G. S. (2020): Statistical Analysis of Tuberculosis and HIV Cases in West Africa Using Panel Poisson and Negative Binomial Regression Models. 2020 International Conference in Mathematics, Computer Engineering and Computer Science (ICMCECS), IEEE 10.1109/ICMCECS47690.2020.240843. ieeexplore.ieee.org/abstract/document/9077638. Pp. 1-6 **(in Scopus)**
 10. **Adenomon, M. O.** & Fagbemi, E. T. (2020): Modeling Infectious Diseases in Jos, Nigeria using PAR and PEWMA Models. 2020 International Conference in Mathematics, Computer Engineering and Computer Science (ICMCECS), IEEE 10.1109/ICMCECS47690.2020.240842. ieeexplore.ieee.org/abstract/document/9077599. Pp. 1-4 **(in Scopus)**
 11. **Adenomon, M. O.** & Emenogu, N. G. (2020): Double-Edged Sword of Global Financial Crisis and COVID-19 Pandemic on Crude Oil Futures Returns. Econometric Research in Finance Workshop 2020 (ERFIN 2020) SGH Warsaw School of Economics, Poland. Virtual, September 18, 2020
 12. **Adenomon, M. O.**; Yahaya, H. U. & Tela, M. N. (2017): Modelling Vehicular Accident Cases in Nigeria: Evidence from Count Data Time Series Analysis. Proceedings of the 1st FNAS National Conference, Nasarawa State University, Keffi. 19th-22nd March, 2017. Pp. 240-246
 13. **Adenomon, M. O.**; Yahaya, H. U & Tela, M. N. (2017): Modelling Exchange Rate in Nigeria: Evidence from Linear Trend and ARIMA Models. Proceedings of the 1st FNAS National Conference, Nasarawa State University, Keffi. 19th-22nd March, 2017. Pp. 275-285

14. **Adenomon, M. O.** & Oyejola, B. A.(2015): Forecasting Bivariate Time Series With AR(1) error terms. Conference Proceedings of the Nigerian Statistical Association (NSA) .9th – 11th September, 2015. Pp. 209-218.
15. **Adenomon, M. O.**; Michael, V. A. & Evans, P. O.(2015): On the Performances of Classical VAR and Sims-Zha Bayesian VAR Models in the Presence of Collinearity and Autocorrelation Error terms. Conference Proceedings of the Nigerian Statistical Association (NSA) .9th – 11th September, 2015. Pp. 110-121.
16. Egwim, E. C ; **Adenomon, M. O** & Aruna, U. S. (2008). Statistical Evaluation of Changes in Fruits Concentrates Stored Under Different Temperatures. Conference Proceedings of the Nigerian Statistical Association (NSA) . 29th – 31st October 2008. Pp. 233-240.
17. **Adenomon, M. O.**; Fesojoye, M. O. & Aruna, U. S.(2008): A Comparison of SUR and OLS Estimating Techniques. Conference Proceedings of the Nigerian Statistical Association (NSA) . 29th – 31st October 2008. Pp. 169-174.
18. **Adenomon, M. O.** (2007). Savings-Time, Inflation Rates and Per Capita Income Relationship in Nigeria: An Empirical Evidence. Conference Proceedings of the Nigerian Statistical Association (NSA) 4th – 7th September 2007. Pp. 129-133

(Abstract-Reviewed)

1. **Adenomon, M. O.** and Oyejola, B. A. (2014): Forecasting Multiple Time Series with Reduced Form Vector Autoregression (VAR) and Sims-Zha Bayesian VAR when the Endogenous Variables are Collinear. In the Book of Abstract of the 33rd Annual Conference of the Nigerian Mathematical Society. May 27-30, 2014. P.46
2. **Adenomon, M. O.** and Oyejola, B. A. (2014): Forecasting Meteorological Time Series Data with a Reduced Form Vector Autoregressive (VAR) Model and Three Univariate Time Series Techniques: A Comparative Study. In the Book of Abstract of the 2014 Annual Conference of the Nigerian Statistical Association. September 3-5, 2014. P.28
3. **Adenomon, M. O.** & Oyejola, B. A.(2014): Forecasting Performances of the Reduced form VAR and Sims-Zha Bayesian VAR Models when the Multiple Time Series are Jointly Influence by Collinearity and Autocorrelation. In the Book of Abstract of the 2014 Annual Conference of the Nigerian Statistical Association. September 3-5, 2014. P.29

PATENTS

PRESENTATIONS AND INVITED LECTURES

Workshop: NSUK-LISA STAT LAB and International Statistical Institute (ISI)
Webinar and In-Person event on Statistical Capacity Building for Women in Statistics and Data Science in Nigeria amidst COVID-19 Pandemic (2020)

Invited Paper: Vance, E.; Awe, O.; Ganguli, B.; Olubosoye, O.; **Adenomon, M. O.** & Gebu, D. (2019): Statistical Practice Around the World. A paper presented as the American Statistical Association (ASA) Conference on Statistical Practice, New Orleans, LA, USA. February 14th 2019.

Invited Paper: Adenomon, M. O. (2019): Building Manpower in the Field of Statistical Sciences for Business and Industry in North Central Nigeria. A Paper presented at the 62nd ISI World Statistics Congress 2019, 18-23 August 2019, Kuala Lumpur, Malaysia.

Workshop “Macroeconometrics Analysis with EViews for Undergraduate Students in Statistics” NSUK-LISA Stat Lab Workshop, 2020.

Workshop, “Application of Statistics in Social, Management, physical, life and Engineering Sciences,” Contemporaries of research methodology, 2019.

Workshop, “Application of Statistics in Physical Sciences for undergraduate and postgraduate students in Statistics,” NSUK-LISA Stat lab workshop, 2018.

PROFESSIONAL DEVELOPMENT TRAINING

Seminar or Workshop

Association of African Universities, Ghana, 2018

Description: How to use STATA in Statistical analysis and Data management.

Graduate NIM Certification, Nigerian Institute of Management, 2006

Description: Proficient certificate in Management and professional management.

PROFESSIONAL AFFILIATIONS

The African Scientific Institute (ASI), 2020-Present
Fellow

Royal Statistical Society (RSS), UK, 2019-Present
Fellow

Royal Statistical Society (RSS), UK, 2019-Present
Chartered Statistician (CStat)

Tropical Disease Research (TDR), 2019-Present
Affiliate

International Association of Statistical Computing (IASC) African Member group-
2021-Present
Chair

Professional Statistical Society of Nigeria, 2018-Present
Member

International Statistical Institute (ISI), 2018-Present
Member

International Association of Statistical Computing (IASC), 2019-Present
Member

Foundation for Laboratory Econometrics and Applied Statistics of Nigeria (aka
FOUND-LEAS-IN-NIGERIA), 2018-Present
Founder

Nigerian Statistical Association (NSA), 2007-Present
Member

Nigerian Institute of Management , 2006-Present
Member.

Institute for Operations Research of Nigeria (INFORN). 2006-Present
Associate Member

PROFESSIONAL SERVICE

Peer-Reviewed Articles for:

- Computational and Applied Mathematics, Springer
- Computational Economics, Springer
- Reviewer, Thailand Statistician Journal
- Reviewer, Journal of Applied Statistics, Taylor & Francis
- Reviewer, Songklanakarin Journal of Science and Technology
- Reviewer, Journal of Medical Internet Research
- Reviewer, SAGE Open
- Reviewer, Financial Innovation, Springer
- Editorial Appointment, SUNMES Integrated Academic Services. December 2014 till Date.
- International Journal of Mathematical Research, Pak Publishing Group, New York

COMMUNITY SERVICE

List here your engagement in scientific citizenship e.g involvement in STEM initiatives, volunteer programmes, mentorship etc.

Faculty of Natural and Applied Sciences, Nasarawa State University, Keffi, Nigeria.
[Secretary, Faculty Research and Publication Committee], [Nigeria],
2021-Present

Department of Statistics, Nasarawa State University, Keffi, Nigeria.
[Chairman, Departmental Research and Publication Committee], [Nigeria],
2021-Present

Nasarawa State University, Keffi, Nigeria.
[Member, Economics Expertee Group], [Nigeria], 2020-Present

National Statistics Advisory Group (NSAG) Network, RSS
[Mentor], [UK], 2020-Present

Nasarawa State University, Keffi, Nigeria.
[Member, Economics Expertee Group], [Nigeria], 2020-Present

Royal Statistical Society, Nigeria Local Group
[Member, Conference Proceedings], [Nigeria], 2020

Consultant and Partner to eBASE
[Consultant], [Cameroon], 2020 – Present

Ambitious Africa Nigeria
[Team Member], [Nigeria], 2020-Present

International Statistical Institutes (ISI).
[Lead Facilitator, Capacity building for Women in Data Sciences], [Nigeria], 2020

International Statistical Institutes (ISI).
[Member, Committee of Sport Statistics Research Group], [International], 2019-
Present

African Academy of Sciences (AAS)
[Mentor], [Kenya], 2019-Present

Royal Statistical Society, UK
[Mentor], [UK], 2019-Present

Nasarawa State University, Keffi, Nigeria.

[Representatives into Other Faculty Boards (Faculty of Social Sciences)], [Nigeria], 2019-Present

Nasarawa State University, Keffi, Nigeria.
[Postgraduate Representatives], [Nigeria], 2019-Present

Faculty of Natural and Applied Sciences, Nasarawa State University, Keffi, Nigeria.
[Member, Editorial Board], [Nigeria], 2019-Present

Laboratory for Interdisciplinary Statistical Analysis (LISA 2020 Network)
[Mentor], [USA], 2018-Present

LISA 2020 Network, University of Colorado, USA
[Member, Membership Review Committee],[USA], 2018-Present

NSUK-LISA Stat Lab, Nasarawa State University, Keffi, Nigeria
[Mentor to Students], [Nigeria], 2018-Present

Department of Statistics , Nasarawa State University, Keffi, Nigeria.
[Postgraduate Coordinator], [Nigeria], 2018

Nasarawa State University, Keffi
[Secretary, Faculty of Natural and Applied Sciences Postgraduate (PG) Results Committee], [Nigeria], 2017-2018

NSUK-LISA (Laboratory Interdisciplinary Statistical Analysis) Stat Lab
[Coordinator, NSUK-LISA Stat Lab], [Nigeria], 2018-Present

Department of Mathematical Sciences , Nasarawa State University, Keffi, Nigeria.
[Postgraduate Coordinator], [Nigeria], 2017

National Examination Council,
[Appointment as Monitoring Officer for 2012 NECO], [Nigeria], 2012

The Federal Polytechnic, Bida, Niger State
[Member Editorial Sub-Committee], [Nigeria], 2009-2010

The Federal Polytechnic, Bida, Niger State
[Secretary , Editorial Board for NIJAAS Journal], [Nigeria], 2009-2016

The Federal Polytechnic, Bida, Niger State
[Member Publicity Sub-Committee], [Nigeria], 2010

The Federal Polytechnic, Bida, Niger State
[Member Registration Sub-Committee], [Nigeria], 2007

LANGUAGES

List the languages that you know, along with your level of proficiency. Use an appropriate proficiency scale such as the ACTFL which provides guidelines for Novice, Intermediate, Advanced, Superior, and Distinguished levels in Listening, Speaking, Reading, and Writing.

English: Intermediate Listener, Intermediate Speaker, Advanced Reading and Writing

OTHER SKILLS AND COMPETENCES

It may be useful to provide a summary of other relevant skills and competences such as programming, consulting, policy engagement, public speaking etc.

Statistical Software Conversant With:

Minitab ; SPSS; GENSTAT; STATA; MS Excel ; Matlab; Jmulti, MS Access ; Epi - Info; R; Microsoft Office Package.

Consulting Statistician and Director,
ADECLAR Research Consults and General Contract Ltd.

Public speaking

Policy engagement

OTHER

1. Reading
2. Writing
3. Traveling

REFERENCES

Prof. Benjamin A. Oyejola, Professor of Statistics

Department of Statistics

University of Ilorin, Nigeria

Mailing Address: Department of Statistics, University of Ilorin, Nigeria

Phone: +2348035068594

Email: boyejola2003@yahoo.com

Relationship: My PhD Advisor

Prof. Eric Vance, Professor of Statistics,

Department of Applied Mathematics,

University of Colorado Boulder, USA.

Director of the Laboratory for Interdisciplinary Statistical Analysis (LISA).

Mailing Address: Department of Applied Mathematics, University of Colorado Boulder, USA.

Phone: (303) 492-0471

Email: eric.vance@colorado.edu

Relationship: Director of LISA 2020 Networks and My Mentor.

Prof. Olubusoye Olusanya, Professor of Statistics

Department of Statistics,

University of Ibadan, Nigeria

Mailing Address: Department of Statistics, University of Ibadan, Nigeria

Phone: +2348138840067

Email: busoye2001@yahoo.com

Relationship: My Mentor in LISA 2020 Networks