

**NAME:** OLAYIWOLA, Olaniyi Mathew

(ii)



(i) **BRIEF BIOGRAPHY**

Olaniyi Mathew OLAYIWOLA is a Professor in the Department of Statistics, College of Physical Sciences, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. He is an Alumnus of Kwara State Polytechnic, Ilorin, The Polytechnic, Ibadan, University of Ibadan, Nigeria and University of Ilorin. He obtained National Diploma (ND) in Statistics in 1995, Higher National Diploma (HND) in Statistics in 1998, Postgraduate Diploma in Statistics in 2002, Postgraduate Diploma in Education in 2006, Bachelor of Science (B.Sc.) degree in Statistics in 2010 from University of Ilorin and Master of Science (M.Sc.) in Statistics from the University of Ibadan in 2005. He obtained Doctor of Philosophy (Ph.D) degree in Statistics at the University of Ibadan Nigeria in 2011. Prof. Olaniyi Mathew OLAYIWOLA was born in Ilora, Oyo, Oyo State on October 3, 1976, and hails from Ilora , Oyo, in Oyo state, Nigeria. He rose through the ladder of academic process as Assistant Lecturer (Statistics) in 2007 to his present position as a professor. As an erudite scholar, he has a great wealth of research experience which culminated into several academic publications. Dr. Olayiwola has supervised more than twenty (20) postgraduate students to completion while five (5) others are at various stages of completion. He is a reliable and diligent staff. He has served creditably well in various capacities, including as member of the College Committee on Results (COCER) and ADMICO. Prof. Olayiwola was the Head of the Department of Statistics from 2019 -2023. He is hardworking, meticulous and committed to his duty. He has attended many local and international conferences and workshops. He belongs to many Professional bodies including the Science Council, United Kingdom (as Chartered Scientist), the Royal Statistical Society, United Kingdom (as Chartered Statistician), International Association of Survey Statisticians (as a member), International Association for Official Statistics (as a member) and member Nigerian Statistical Association. He received Royal Statistical Society's 2020 Mardia award for Covid-19 response in Nigeria and many others for promoting Statistical knowledge. Professor O. M. Olayiwola is currently on sabbatical at University of Kent, England, United Kingdom

(iii) **PERSONAL INFORMATION**

(i) Name:

OLAYIWOLA Olaniyi Mathew

(ii) Date of Birth:

3<sup>rd</sup> of October, 1976

(iii) Place of Birth: Ilora, Oyo State  
(iv) Age: 45 years  
(v) Sex: Male  
(vi) Marital Status: Married  
(vii) Nationality: Nigerian  
(viii) Town and State of Origin: Ilora, Oyo State  
(ix) Contact Address: Department of Statistics,  
College of Physical Sciences, Federal  
University of Agriculture Abeokuta,  
Professor

(x) Present Post:

(iv) **DEPARTMENT:** Statistics

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(vii) **RANK:** Professor

(viii) **DESIGNATION:** Nil

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<https://scholar.google.com/citations?user=UCiRkS0AAAAJ&hl=en>

(xii) **ORCID Number:**

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(xiii) **Qualification: Ph.D**

(xiv) **Membership of Professional Bodies**

- ❖ Chartered Scientist (CSci), The Science Council, United Kingdom
- ❖ Chartered Statistician (CStat), The Royal Statistical Society, United Kingdom
- ❖ Fellow, Royal Statistical society (FRSS), London, United Kingdom
- ❖ Member, International Association for Official Statistics (International Statistical Institute)
- ❖ Member, International Association of Survey Statisticians (International Statistical Institute)

- ❖ Member, Past Earth Network, University of Leeds, United Kingdom  
<https://www.pastearth.net/index.html><https://www.pastearth.net/members.html>
- ❖ Member, Statistics of Environmental Change, Resources and Ecosystems, University of Glasgow, United Kingdom
- ❖ Member, Maths Foresees Network, University of Leeds, United Kingdom  
<https://www1.maths.leeds.ac.uk/mathsforesees/partners.html>
- ❖ Member, International Biometric Society (Group Nigeria)  
Member, Nigerian Statistical Association

(xv) **AWARD RECEIVED:**

The Royal Statistical Society, London, 2020 Mardia prize to support Covid-19 response in Nigeria. <https://rss.org.uk/news-publication/news-publications/2021/general-news/2020%20mardia-prize-to-support%20covid-19-response-in/>

(xvi) **RESEARCH CONCLUDED: Nil**

(xvii) **CONFERENCE ATTENDED:**

- ❖ Royal Statistical Society 2022 Annual International Conference, P&J event centre, Aberdeen, United Kingdom. 12<sup>th</sup> of September to 15<sup>th</sup> of September 2022
- ❖ Royal Statistical Society 2021 Annual International Conference, Manchester Central, Manchester, United Kingdom. 6<sup>th</sup> of September to 9<sup>th</sup> of September 2021
- ❖ 1<sup>st</sup> Annual Conference of the Royal Statistical Society Nigeria Local Group (RSS-NLG), February 5 – 6, 2020 held at Federal University of Agriculture, Abeokuta, Nigeria
- ❖ Royal Statistical Society 2018 Annual International Conference, Cardiff City Hall, United Kingdom. 5<sup>th</sup> of September to 6<sup>th</sup> of September 2018
- ❖ Royal Statistical Society 2017 Annual International Conference, University of Strathclyde, Glasgow, United Kingdom. 4<sup>th</sup> of September to 7<sup>th</sup> of September, 2017.
- ❖ Royal Statistical Society 2016 Annual International Conference, University Place, University of Manchester, United Kingdom. 5<sup>th</sup> of September to 8<sup>th</sup> of September 2016
- ❖ Maths Foresee General Assembly, 5<sup>th</sup> -7<sup>th</sup> September 2016, St Leonard's Hall, Edinburgh EH16 5AY, United Kingdom

- ❖ SECURE LAUNCH EVENT CONFERENCE, University of Glasgow, United Kingdom, 11<sup>th</sup> of September, 2015
- ❖ Past Earth Network Conference, University of Leeds held at Crewe Hall, 1<sup>st</sup> of September to 4<sup>th</sup> of September 2015
- ❖ Royal Statistical Society 2015 Annual International Conference, University of Exeter, United Kingdom. 7<sup>th</sup> of September to 10<sup>th</sup> of September 2015.
- ❖ Royal Statistical Society 2014 Annual International Conference, Sheffield, United Kingdom. 1<sup>st</sup> of September to 4<sup>th</sup> of September 2014.
- ❖ Royal Statistical Society 2013 Annual International Conference, Newcastle Upon Tyne, United Kingdom. 2<sup>nd</sup> of September to 5<sup>th</sup> of September 2013
- ❖ Royal Statistical Society 2012 Annual International Conference, Telford International centre, United Kingdom. 3<sup>rd</sup> of September to 6<sup>th</sup> of September, 2012.
- ❖ Royal Statistical Society 2008 Annual International Conference, East Midland Conference Centre Nottingham, United Kingdom. 1<sup>st</sup> of September to 5<sup>th</sup> of September, 2008.

(xvii) **PUBLICATIONS:**

- ❖ Gali, M.O, Adewara, A.A. Oladosu, M.O., **Olayiwola, O.M.** and Nafiu, L.A. (2008): On Efficiency of Some Combined Ratio Estimators in Stratified Random Sampling, *Journal of Modern Mathematics and Statistics* 2 (5): 170-173. Published by Medwell Journals, Pakistan. [www.medwellonline.net](http://www.medwellonline.net)
- ❖ Oladosu M.O., Adewara, A.A. and **Olayiwola O.M** (2008): An Application of Kadilar and Cingi combined stratified ratio estimator to combined regression stratified estimator. *Journal of Mathematical Sciences*, 19(2), 179-185. Indian
- ❖ Akomolafe. A. A, **Olayiwola O.M.**, and Bello, O. A. (2008). Using Multivariate Analysis to Identify Students at risk in Nigerian Universities' *Journal of Educational Research and Policies*, 3(4), 87 - 91. Published by Duncan Science Company, Nigeria.
- ❖ Olowokere, C.J, **Olayiwola O.M**, Odina G. (2009). Comparison of five models for assessing Patient Dose From Radiological Examinations *African Journal Biomedical Engineering*, 1, 21-29. Published by Afrobiomedical Engineering and Science, Nigeria.
- ❖ **Olayiwola O.M**, Amahia, G. N., Adepoju, A.A., Salawu, O.O.(2010). Longitudinal Survey Participation Patterns in the South Western Region of Nigeria. *International Journal of Social Sciences*. 2 (1), 88 – 94. Published by Pan African Book Company, Ghana.

- ❖ **Olayiwola O.M.**, Amahia, G.N, Adewara, A.A. and Chukwu, A.U. (2011): Application of Response Surface Methodology for Capturing Optimum Response in a Longitudinal Survey, *International Journal of Applied Science and Technology*. 1 (5), 171-176. Published by Centre for Promoting Ideas, USA . [www.ijastnet.com](http://www.ijastnet.com).
- ❖ **Olayiwola O.M.**, Salawu, O. O., Oyenuga, I.F. Oyekunle, J. O. Ayansola, O. A. Olajide, J.T. and Agboluaje, S. A. (2011): On Statistical Analysis Of impact of Socio Economic Factors On Students' Academic Performance, *International Journal of Research and Reviews in Applied Sciences*, Pakistan, 8(3), 395-399. [www.arpapress.com/Volumes/Vol8Issue3/IJRRAS](http://www.arpapress.com/Volumes/Vol8Issue3/IJRRAS)
- ❖ **Olayiwola O.M.**, Amahia, G.N and Adewara, A.A. (2011) Survey Response across various levels of response predictors in some selected communities in Oyo town, Oyo State, Nigeria, *Elixir Statistics*, 36, 3241 – 3244. Published by Elixir International Publishers, Indian [www.elixirjournal.org](http://www.elixirjournal.org)
- ❖ **Olayiwola O.M.**, Adewara, A.A. and Amahia, G. N.(2011) On the effect of daily average reading and sleeping hours on students' cumulative Grade point Average (CGPA) *Elixir Statistics*, 34, 2371 – 2374. Published by Elixir International Publishers, Indian [www.elixirjournal.org](http://www.elixirjournal.org)
- ❖ Dawodu. O.O, A.A. Adewara and **Olayiwola O.M.**, (2011): Efficiency of Alodat Sample Selection Procedure over Sen – Midzuno and Yates – Grundy Draw by Draw under Unequal Probability Sampling Without Replacement Sample Size 2., *Journal of Mathematics Research*, Canada. 3 (2), 113 – 118, Published by Canadian Center for Education, [www.ccsenet.org/jmr](http://www.ccsenet.org/jmr)
- ❖ **Olayiwola O.M.**, Amahia, G.N. and Adewara, A.A. (2011) On Patterns Of Refusals Conversion And Propensity Of Converted Refusals To Respond At Later Waves In A Longitudinal Survey. *Journal of Mathematics Research*, Canada, 3 (1), 121 - 124. Published by Canadian Center for Education, [www.ccsenet.org/jmr](http://www.ccsenet.org/jmr)
- ❖ **Olayiwola O.M.** Agboluaje, S.A, Salawu O.O. and Fantola, J.O. (2012): On double sampling approach for comparing estimates of students' enrolment in Oyo state public secondary schools, *Elixir Statistics*, 43, 6994-7003. Published by Elixir International Publishers, Indian [www.elixirjournal.org](http://www.elixirjournal.org)
- ❖ Oyegunle, O. A., Amahia, G. N. **Olayiwola O. M.** and Adewara, A. A. (2012): Application of factorial design and response surface methodology on growth rate of broiler chickens served with fluted pumpkin leaves extract, Indian, *Elixir Statistics*, 43, 6839-6842. Published by Elixir International Publishers, Indian [www.elixirjournal.org](http://www.elixirjournal.org)

- ❖ **Olayiwola, O.M,** Agboluaje,S.A., Salawu, O.O. and Fantola, J.O. (2012) Patterns of response and non-response in longitudinal survey of Oyo Community, Oyo state, Nigeria. *Elixir Statistics*,49 (2012) 9817-9820.Published by Elixir International Publishers, Indian [www.elixirjournal.org](http://www.elixirjournal.org)
- ❖ Apantaku F.S. **Olayiwola O.M,** andAdewara A.A (2013): Optimum allocation of multi-items in stratified random sampling using principal component analysis. *American Journal of Theoretical and Applied Statistics*; 2 (5), 142-148. Published by Science Publishing Group,NY,USA.<http://article.e.sciencepublishinggroup.com/pdf/10.11648.j.ajtas.20130205.14.pdf>
- ❖ **Olayiwola O.M,** Apantaku F.S, Bisira H.O, and Adewara A.A (2013): Modelling Optimum Response in a Longitudinal Survey, *Global Journal of Science Frontier Research*, 13 (8), 105 – 115. Published by Global Journal Inc, Wakefield, Massachusetts (MA), USA. <http://journalofscience.org/index.php/GJSFR/article/view/978/843>
- ❖ **Olayiwola O.M,** Apantaku F.S, Bisira H.O, and Adewara. A.A (2013): Prediction of Stock Price using Autoregressive Integrated Moving Average, *Global Journal of Science Frontier Research*, 13 (8), 79 – 87. Published by Global Journal Inc, Wakefield, Massachusetts (MA), USA. <http://journalofscience.org/index.php/GJSFR/article/view/976/841>
- ❖ **Olayiwola O.M,** Apantaku F.S, Bisira H.O, and Adewara A.A (2013): Efficiency of Neyman allocation procedure over other allocation procedures in stratified random sampling, *American Journal of Theoretical and Applied Statistics*; 2 (5), 122-127. Published by Science Publishing Group, NY, USA. <http://article.e.sciencepublishinggroup.com>
- ❖ Agwuegbo S. O.N, Adewole A.P, **Olayiwola O.M,** and Apantaku F.S,(2014):Signal Model for the Prediction of Wind Speed In Nigeria, *Journal of Energy Technologies and Policy*. 4 (6), 38 – 44. Published byThe International Institute for Science, Technology and Education and University of North Carolina, Charlotte, United States.[www.iiste.org](http://www.iiste.org)
- ❖ Agwuegbo S. O.N, Adewole A.P, **Olayiwola O.M,** and Apantaku F.S, (2014): State-Dependent Model for the Analysis of Inflationary Rates. *Mathematical Theory and Modeling*, 4 (7), 84 – 89. Published by The International Institute for Science, Technology and Education, University of North Carolina, Charlotte, United States[www.iiste.org](http://www.iiste.org)
- ❖ Apantaku F.S., Asiribo O.E, Adalakun A. A., Amahia G.N and **Olayiwola O.M,** (2014): Optimum allocation in stratified and post stratified sampling designs. *Elixir Statistics*, 67 (2), 21836 -21845. Published by Elixir International Publishers, Indian. [www.elixirjournal.org](http://www.elixirjournal.org)

- ❖ **Olayiwola, O.M.**, Lawal. G. O. Amalare, A.A , Agboluaje, S. A, and Fantola, J. O (2015) Analysis of Nigeria Gross Domestic Product Using Principal Component Analysis. *Journal of Advances in Mathematics*. 10 (6), 3547 - 3555. Published by Council for Innovative Research, USA, [www.cirjam.com](http://www.cirjam.com)
- ❖ **Olayiwola, O.M.**, Lawal. G. O. , Amalare, A.A , Agboluaje, S. A, and Fantola, J. O (2015) Modelling Nigeria Population Growth Rate. *Journal of Advances in Mathematics*. 10 (6), 3567 -3574. Published by Council for Innovative Research, USA. [www.cirjam.com](http://www.cirjam.com)
- ❖ **Olayiwola, O. M.**, Agwuegbo S. O.N, Bisira, H.O, Aderele. O. R, and Adeniyi, M. O.(2015) Vector Autoregressive Model for Monitoring Carbondioxide (CO<sub>2</sub>) Emission from the Consumption of fossil fuels. *Elixir Statistics*, 78, 29844 - 29852. Published by Elixir International Publishers, Indian. [www.elixirjournal.org](http://www.elixirjournal.org)
- ❖ **Olayiwola, O. M.**, Bisira, Wale-Orojo O.A, Aderele. O. R, and Adeniyi, M. O.(2015). Modelling relationship between students' pre and post admission performances. *Elixir Statistics*, 78, 29853 - 29858. Published by Elixir International Publishers, Indian. [www.elixirjournal.org](http://www.elixirjournal.org)
- ❖ Akintunde, A.A., Agwuegbo, S.O.N., Waheed, M.A., Asiribo, O.E., and **Olayiwola O.M.** (2015). Modelling Nonlinear Dynamical Systems. *Annals. Computer Science Series*. Volume13, issue 1, 30-38. Tibiscus University of Timisoara, Romania.
- ❖ **Olayiwola O.M.**, A.A. Adewara, and T.O. Ayeleso (2015): A Modified Exponential Ratio-Type Estimator in Stratified Ranked Set Sampling. *The Pacific Journal of Science and Technology*, Volume 16. Number 2. November 2015 (Fall) , 82-89, <http://www.akamaiuniversity.us/PJST.htm>
- ❖ **Olayiwola O.M.**, F.S. Apantaku, A. A. Adewara and A.F. Gboyega (2015) Modified Ratio Estimator Using Multiple Auxiliary Variables. *The Pacific Journal of Science and Technology*, Volume 16. Number 2. November 2015 (Fall), 108 - 113 <http://www.akamaiuniversity.us/PJST.htm>
- ❖ **Olayiwola O. M.**, and Ayeleso T. O (2015) Efficiency of Some Exponential Estimators for Estimating Heterogeneous Population Parameters. *Annals. Computer Science Series.*, Volume13, series 2, 47-54. Tibiscus, University of Timisoara, Romania. <http://www.anale-informatica.tibiscus.ro>
- ❖ **Olayiwola O.M.**, F.S. Apantaku and Ajayi A. O.(2015) Comparison Of Estimates On Two Occasions Involving Stratification Using Successive Sampling. *Annals. Computer Science Series*. Volume13, series 2, 94-102. Tibiscus University of Timisoara, Romania, <http://www.anale-informatica.tibiscus.ro>

- ❖ Asiribo O. E, Isah A., **Olayiwola, O.M.** and Kanwai M.E (2015) Use of Auxiliary Variables and Asymptotically Optimum Estimator to Increase Precision, *Journal of the Nigerian Statistical Association*, volume 27, pg 30 – 40. Published by the Nigerian Statistical Association.
- ❖ **Olayiwola O. M.**, Popoola R. A and Bisira H. O (2016) A Modified Regression Estimator For Double Sampling. *Annals. Computer Science Series*. Volume 14, series 1, 44-49. Tibiscus University of Timisoara, Romania, <http://www.anale-informatica.tibiscus.ro>
- ❖ **Olayiwola O.M.**, Adewara A.A. and H.O. Bisira H. O (2016) Influence of Social Demographic Characteristics on Respondents' Responses in a Longitudinal Survey. *The Pacific Journal of Science and Technology* Volume 17. Number 1. May 2016 (Spring), 89-97. <http://www.akamaiuniversity.us/PJST.htm>
- ❖ Dawodu G.A, Agwuegbo, S.O.N, **Olayiwola O.M**, Akintunde A.A, Wale-Orojo O.A and Yusuff K.M (2018), A Bayesian Approach Towards Capturing the Vulnerability to Toxicity of Some Artisans' Blood, *Journal of the Nigerian Association of Mathematical Physics*, volume 44, pg 185 – 190. Published the Nigerian Association of Mathematical Physics.
- ❖ Akintunde A. A., **Olayiwola O. M.**, Agwuegbo S. O. N., Dawodu G. A. (2016) Stochastic Signal Modeling of Economic Indicators. *The Pacific Journal of Science and Technology* Volume 17. Series 2. November 2016 (Fall), 213-217. Published by Akamai University. <http://www.akamaiuniversity.us/PJST.htm>.
- ❖ Akinwunmi F., Akinhanmi T.F. Atobatele Z.A., Adewole O., Odekunle K., Arogundade L.A. Odukoya O.O, **Olayiwola . O.M.** Ademuyiwa O. (2016) Heavy metal burdens of public primary school children related to playground soils and classroom dusts in Ibadan North-West local government area, Nigeria. *Elsevier Journal of Environmental Toxicology and Pharmacology* 49 (2016) 21–26, [www.elsevier.com/locate/etap](http://www.elsevier.com/locate/etap)
- ❖ **Olayiwola, O.M.**, Ajayi A.O., and Adegoke, S.A. (2016) On a Modified Regression-Ratio type Estimator for homogeneous and heterogeneous populations. *African Journal of Science and Nature*. Volume 2, 12-15. Published by Olabisi Onabanjo University Ago-Iwoye, Ogun State, Nigeria. <http://www.journal.ouagoiwoye.edu.ng>
- ❖ **Olayiwola, O. M.**, Ajayi, A.O. and Okunlade, A A (2016) A Modified Post-Stratified Regression Estimator for two occasions and using two variables. *African Journal of Science and Nature*. Volume 2, 24-28. Published by Olabisi Onabanjo University Ago-Iwoye, Ogun State, Nigeria.. <http://www.journal.ouagoiwoye.edu.ng>



- ❖ Olayiwola O. L, Ojebode T.O, Adekanye O.S, **Olayiwola O.M.**, Idris. O (2016) Socio-demographic and behavioural correlates of the malaria prevention methods utilized by families of under-five children diagnosed with malaria at Baptist Medical Centre, Saki. *Nigerian Journal of family practice*, volume 7, No 3 pp 43 – 58, published by the society of Physicians of Nigeria. . <http://www.ajol.info/article.view>
- ❖ **Olayiwola O.M**, Amalare.A.A and Ajayi A.O (2016): A Modified Multivariate Family Of Estimators. *FUNAI Journal of Science and Technology*.1(1), 2016, 97-104Published by Federal University of NdufuAlike Ikwo Abakaliki, Nigeria.
- ❖ **Olayiwola O. M**, Amalare A.A and Olaoye O. R (2017): Modelling Climate Variables, *Journal of Nigeria Association of Mathematical Physics*. volume 39 pp 497 – 484. Published by Nigeria Association of Mathematical Physics
- ❖ Wale-Orojo O.A, **Olayiwola O.M**, Yusuff K.M. and Olawore.S.A (2017): Comparison of Stratified Diagonal Rank Set Sampling and Stratified Simple Random Sampling Estimators. *Journal of Nigeria Association of Mathematical Physics*, volume 40, pp 173-176. Published by Nigeria Association of Mathematical Physics
- ❖ **Olayiwola O. M**, Apantaku F.S and Sohe E. M (2017): A stratified randomized response technique for addressing sensitive questions in survey, *Transactions of the Nigeria Association of Mathematical Physics*, volume 3, pp143 -150. Published by Nigeria Association of Mathematical Physics.
- ❖ Dawodu G.A, **Olayiwola O.M**, Asiribo O.E(2018), On Bayesian Analysis of Univariate Longitudinal Clinical Data(ULCD), *The Pacific Journal of Science and Technology*Volume 19. Series 1. May 2018 (Spring). Published by Akamai University.<http://www.akamaiuniversity.us/PJST.htm>
- ❖ Akintunde A.A, Agwuegbo S.O. N. and **Olayiwola O.M** (2017): Markov Models for the Analysis of Dynamical Systems. *Journal of Natural Sciences, Engineering and Technology*, volume 16 number 1. Publisher: Federal University of Agriculture, Abeokuta
- ❖ Olayiwola O.M.,Apantaku F.S,Wale-Orojo O.A., Ajayi A.O.,Konku A.M. (2019) PROBABILITY PROPORTIONAL TO SIZE (PPS) METHOD TO ENHANCE EFFICIENCY OF ESTIMATOR IN TWO STAGE SAMPLING. *Annals.ComputerScienceSeries*. Volume17, series2,315-321.TibiscusUniversityofTimisoara,Romania,<http://www.anale-informatica.tibiscus.ro>

- ❖ Peter I. Ogunyinka, Emmanuel F.Ologunleko, B.T.Efuwape, O.M.Olayiwola, Dawud A. Agunbiade (2019). EFFICIENCY OF DATA TRANSFORMATION AND CORRECTION FACTOR METHODS ON THE CORRECTION OF EXTREME VALUE EFFECT IN SAMPLE SURVEY THEORY. *Annals. Computer Science Series*. Volume 17, series 2, 272-282. Tibiscus University of Timisoara, Romania, <http://www.anale-informatica.tibiscus.ro>
- ❖ Tajudeen Adeniji Adetunji, Olusegun Folorunso, Olufunke Rebecca Vincent, **Olaniyi Mathew Olayiwola** (2019). Stemming anomaly propagation in software systems using ontology, *Journal of Computer Science and Its Application*, volume 26, 2, 158- 127. Published by Nigeria Computer Society. <https://www.ajol.info/index.php/jcsia/article/view/193195>
- ❖ Amalu P.C, Okonkwo C. O, and **Olayiwola. O. M** (2019). Verification of the Accuracy of an Instrument Landing System's Localizer: A Study of an International Airport in Nigeria, *The Pacific Journal of Science and Technology* Volume 20. Series 2. 68 - 75. Published by Akamai University. <http://www.akamaiuniversity.us/PJS T.htm>
- ❖ **Olayiwola. O. M.**, Ajayi.A.O, Aderibigbe.T.A, Nurudeen.T.S and Akintola.K.A (2019). A Modified Estimator in Adaptive Cluster Sampling. *Journal of Nigeria Association of Mathematical Physics*, volume 51, pp113-118. Published by Nigeria Association of Mathematical Physics
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- ❖ **Olayiwola. O. M**, Ajayi. A. O, Akintunde. A. A, Wale-Orojo. O. A, Ajibade. F. B, and Ojelabi. O (2020). Estimation of the Population Mean in the Presence of Measurement and Response Error, *Annals. Computer Science Series*. Volume 18 series 1, 48- 52. Tibiscus University of Timisoara, Romania, <http://www.anale-informatica.tibiscus.ro>
- ❖ Apantaku, F.S., **Olayiwola, O.M.**, Akintunde A. A. and ADEYEMO, R.G (2020) **A MODIFIED ESTIMATOR FOR QUARTILE RANKED SET SAMPLING**. *Journal of Nigeria Association of Mathematical Physics*, volume 56, Published by Nigeria Association of Mathematical Physics

- ❖ **Olayiwola O. M., Akintunde A.A. Wale-Orojo A. O., Ajibade F. B. and Adekpe D. O. (2020) JACKKNIFE APPROACHES FOR IMPROVING DATA QUALITY. *Transactions of the Nigeria Association of Mathematical Physics*, volume 11, Published by Nigeria Association of Mathematical**
  
- ❖ **Isqeel I. A., Olayiwola O. M., Sowola B. O (2020): Modelling Unemployment Rates in Nigeria using Time Series Approach. *Asian Journal of Mathematical Sciences*. 4 (2), 4 -9. Published by Mandsaur University, Mandsaur. Available online at <http://www.ajms.in/index.php/ajms/issue/view/25>**
  
- ❖ **Ekong, A. H., and Olayiwola O. M. (2020): A geographically weighted regression approach to examine the dynamics of fertility differentials across Africa. *Statistical Journal of the International Association for Official Statistics*. Published by International Association for Official Statistics, United States. 36 (1), 87–102. Published by Available online at: (<https://content.iospress.com/articles/statistical-journal-of-the-iaos/sji200717>) Indexed in Scopus and Scimago**
  
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