



**Name:** Ajayi, Abayomi Olumuyiwa.

**Status:** Assistant Lecturer

**Profile:**

**Abayomi Ajayi** is an assistant lecturer at the department of the Statistics Federal University of Agriculture, Abeokuta (FUNAAB). He received his MSc. (Statistics) at the Federal University of Agriculture Abeokuta on Comparison of Estimates on two occasion involving Stratification using Successive Sampling. He is currently on his PhD. in Statistics, his research interest includes Model based and Model Assisted Small area estimation of population proportion, Ratio and Regression Estimator, Complex Survey Inference and Distribution theory. He has co-authored several papers in qualified peer-reviewed journals.

Before his appointment in FUNAAB, Mr. Ajayi has worked as a Mathematics teacher with Ogun state government via Federal Government NPOWER scheme, also worked as a part-time Data Analyst Yebatol Global Services helping undergraduate and post-graduate on experimental design, design and analysis of questionnaires and general data analysis by various Statistical Software like SPSS, R software, Megastat e.t.c.

He is a member of Royal Statistical Society, International Biometrics Association, has presented papers in Statistical conferences. He is married with children.

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## CURRICULUM VITAE

### 1. PERSONAL

- i. Full Name: **AJAYI**, Abayomi Olumuyiwa
- ii. Date of Birth: May 5th, 1989
- iii. Place of Birth: Lagos
- iv. Age: 32 years
- v. Sex: Male
- vi. Marital Status: Married
- vii. Nationality: Nigerian
- viii. Town and State of Origin: Abeokuta and Ogun state.
- ix. Contact Address: 5, Ifelere Community, Arokoje, Obantoko, Abeokuta.
- x. Phone Number: 08029105483
- xi. E-mail Address: [aoajayi@funaab.edu.ng](mailto:aoajayi@funaab.edu.ng)

### 2. EDUCATIONAL BACKGROUND

(i) Institution Attended (With Dates):

Federal University of Agriculture, Abeokuta, Ogun State, Nigeria.  
Federal University of Agriculture, Abeokuta, Ogun State, Nigeria.  
Royal Crown Comprehensive High School, Iju-Ishaga Lagos State.  
Learning Land Nursery and Primary School, Sango, Ogun state.  
Proficiency in Microsoft Office (MS Word, MS Excel, MS power point)  
R packages and S plus, SPSS, MEGASTAT and any statistical window based application

(ii) Academic and Professional Qualifications (with Dates)

Degree	Class of Degree	Awarding Institution	Date Awarded
M.Sc (Statistics)	Credit	Federal University of Agriculture, Abeokuta	2016
B.Sc. (Statistics)	Second Class lower	Federal University of Agriculture, Abeokuta	2011

### 3. WORK EXPERIENCE

(a) University Teaching

Session	Area of Specialization	Courses Taught	Course Unit	No of student per course	Contact Hours	No of Lecturers
2018/2019		STS 102	2	300	2 hours per week	2
Second Semester		STS 192	1	250	3 hours per week	2
		STS 112	3	250	3 hours per week	2
		STS 212	3	150	3 hours per week	2
2019/2020		STS 201	3	3123	3 hours per week	10
First Semester		STS 213	3	250	3 hours per week	2
Second Semester		STS 102	2	258	2 hours per week	1
		STS 192	1	311	3 hours per week	2
		STS 392	4	111	I.T.	10
		STS 394	4	111	I.T.	10
		STS 396	4	111	I.T.	10
		STS 398	4	111	I.T.	10

Employer: Federal University of Agriculture, Ogun state, Nigeria  
Department: Statistics  
Designation: Assistant Lecturer  
Duties: Teaching, Research Work and Community Services  
Period: August 01, 2019-Till date.

(b) Professional Working Experience  
Employer: Yebatol Global Services, Ibara, Abeokuta  
Designation: Data Analyst and Statistical Software Tutor  
Period: 2015-2017  
Duties: Analyse data for individuals and companies, also taking tutorial classes

4. **SPECIAL ASSIGNMENTS/COMMUNITY**

Nil

5. **TRAINING PROGRAMME(S) ATTENDED-with date(s)**

- i. A 3-Day Academic Retreat on University Ethics, Pedagogy and Examination Matters by Federal University of Agriculture, Abeokuta.

- ii. A five day Advanced Digital Appreciation Programme for Tertiary Institutions (ADAPTI) by Digital Bridge training 2021

6. **COMMENDATION**

Nil

7. **MEMBERSHIP OF PROFESSIONAL BODIES**

- i. Royal Statistical Society, London. **Membership Number 123489** (2015)
- ii. Member, International Biometrics Society
- iii. Member International Association of Official Statistics (IAOS)

8. **RESEARCH INTEREST AND COMMISSIONED PROJECTS**

Sample Survey and Regression Analysis

**COMMISSIONED PROJECTS**

- (i) Completed

Comparison of Estimates on two Occasions involving Stratification using Successive sampling. (M.Sc. Dissertation, 2015-FUNAAB)  
Statistical Analysis in the selection of feeds for Broilers

(Final year project, June 2011 - UNAAB)

- (ii) In Progress

A Predictive Model for Poverty Rates in Small Area Estimation for Two Stage Sampling. (Ph.D Dissertation in Progress)

9. **UNIVERSITY EXTENSION ACTIVITIES:** Nil

10. Other Activities within the University system

11. **PUBLICATIONS WITH DATES**

- i. Olayiwola O.M., Apantaku F.S. & **Ajayi A.O.** (2015). Comparison of Estimates on two Occasions involving Stratification using Successive sampling. Annals. Computer Science Series. 13th Tome 2nd Fasc. – 2015.
- ii. Amalare, A. A., **Ajayi, A. O.** & Olaoye, O. R. (2015). Determination of Factors that influence Child Mortality in Agogo-Ide Area Obantoko, Ogun state. Journal of the Nigerian Association of Mathematical Physics. Volume 41, pg 241-250
- iii. Olayiwola O.M., **Ajayi, A. O.** & Adegoke, S. A. (2016). On A Modified Regression-Ratio Type Estimator for Homogeneous and Heterogeneous Populations. African Journal of Science & Nature Vol. 2, 1-4. ISSN 2536-6904.
- iv. Olayiwola O.M., **Ajayi, A. O.** & Okunlade, A. A. (2016). A Modified Post-Stratified Regression Estimator for Two Occasions and Using Two Variables. African Journal of Science & Nature Vol. 2, 1-5. ISSN 2536-6904.

- v. Olayiwola O.M., **Ajayi A.O.** (2016). A modified Multivariate Family of Estimators. FUNAI Journal of Science and Technology (FJST). FJST-16-002.
- vi. Oloko, L. T., Asiribo, O. E., Dawodu, G. A., Omeike, M. O., Ajadi, N. A. & **Ajayi, A. O.** (2017). A New Discrete Family of Reduced Modified Weibull Distribution. 2017., *International Journal of Statistical Distributions and Applications*. Vol. 3, No. 3, 2017, pp. 25-31. doi: 10.11648/j.ijds.20170303.11
- vii. Olawale O. I., Wale-Orojo, O. A., **Ajayi A. O.**, Olawoore S. A., Olakunle K. & Olaoye O. R. (2018). Dynamic Modelling of Registered Livebirths in Oyo State. **Journal of the Nigerian Association of Mathematical Physics** volume 44, (March, 2018), pp 137 – 142. Published by Journal of the Nigerian Association of Mathematical Physics.
- viii. 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. *Anale. Seria Informatică*. Vol. XVII fasc. 2 – 2019. **Annals. Computer Science Series**. 17th Tome 2nd Fasc. – 2019.
- ix. Olayiwola O. M., **Ajayi A. O.**, Akintunde A. A., Wale-Orojo O. A., Ajibade F. B. & Ojelabi O. (2020). Estimation of the Population Mean in the Presence of Measurement and Response Error *Anale. Seria Informatică*. Vol. XVIII fasc. 1 – 2020 **Annals. Computer Science Series**. 18th Tome 1st Fasc. – 2020
- x. Olayiwola, O. M., **Ajayi, A. O.**, Onifade, O. C., Wale-Orojo, O. A. & Bright Ajibade, B. (2020). Adaptive cluster sampling with model-based approach for estimating total number of hidden COVID-19 carriers in Nigeria. *Statistical Journal of the IAOS* 36 (2020). S103–S109 S103.
- xi. Olayiwola, O. M., Adekeye, K. S., Apantaku, F. S., **Ajayi, A. O.**, Wale-Orojo, O. A., Ogunsola, I. A. & Hammed, B. (2021). Integration of Bayesian Model and Adaptive Clustered Sampling into Contact Tracing to Curb the Spread of COVID-19 Cases. *FUDMA Journal of Sciences (FJS)* Vol. 5 No. 1, March 2021, pp. 76-84

## 12. MAJOR CONFERENCES ATTENDED WITH PAPERS READ

- i. Nigeria Statistical Society Conference, Calabar, 2021.  
Presented Paper: Ajayi A. O., Ayeleso, T. O., Olayiwola, O. M. & Wale-Orojo, O. A. (2021). A New Generalized Class of Exponential Ratio Type Estimators in Ranked Set Sampling.
- ii. Nigeria Statistical Society Conference, Osogbo 2015.  
Presented Paper: Olayiwola O.M., Apantaku F.S., **Ajayi A.O.** Comparison of Estimates on two Occasions involving Stratification using Successive sampling.

## 14. EXTRA-CURRICULAR ACTIVITIES:

Reading and Footballing

## 15. REFEREES

**Dr. O.M. Olayiwola**

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Federal University of Agriculture, Abeokuta  
Tel: 08034305353

**Dr. (Mrs.) Fadeke Apantaku**

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College of Physical Science,  
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**Dr. K. A. Owolabi**

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Federal University of Agriculture,  
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Signature

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Date