
RONALD WESONGA

(+968) · 9355 · 9568 ◊ wesonga@squ.edu.om

Department of Statistics ◊ College of Science

Sultan Qaboos University ◊ Muscat, Oman

1. PERSONAL STATEMENT

Ronald Wesonga holds PhD in Statistics and is a professional statistician with vast knowledge, skills and experience gained over years through collaboration networks with other experts all over the world. He is keen at developing a hybrid between *statistical theory & computational theory* with applications. His current focus is on *estimable biases in generalized linear models and missclassification problems* with two PhD students currently involved under his supervision. He heads the data science analytics lab (DSAL) in the Department of Statistics, a central research group used to collaborate on various datacentric statistical problems for informed decision-making to support international sustainable development goals (SDGs).

2. EDUCATION

Makerere University, Kampala, UGANDA

Level	Year	Details
Ph.D in Statistics	2011	Thesis: Stochastic Optimization Models for Air Traffic Flow Management Supervisors: Prof. Peter Jehopio, Prof. Xavier Mugisha & Prof. Venancius Baryamureeba Graduated With Distinction
Master of Statistics	1999	Dissertation: Computerized Package for Systematic Sampling with Applications Supervisor: Prof. P. Kathuria & Dr. Peter Jegrace Jehopio Graduated With Distinction
BSc in Statistics	1995	Project: Students' Results Data Management System

3. ACADEMIC POSITIONS

Position	Year	University
Associate Professor	2016 - Current	Department of Statistics, College Of Science, Sultan Qaboos University
Visiting Professor	2014 - 2016	Department of Mathematics & Statistics, College Of Science, Sultan Qaboos University
Senior Lecturer	2011 - 2016	Department of Planning and Applied Statistics, School of Statistics and Planning, Makerere University
Lecturer	2000 - 2011	Department of Planning and Applied Statistics, School of Statistics and Planning, Makerere University
Lecturer	1995 - 1999	Department of Computer Science, Islamic University In Uganda

4. UNIVERSITY TEACHING AND LEARNING

Level	Course Details
Postgraduate	<ol style="list-style-type: none"> 1. STAT6024 Sampling Theory. This is a three-credit hour graduate course, which I have taught since Fall 2016. In this course, I employ didactic methods with analyses and research components to provide more skills and knowledge among my students to handle computational and data science related tasks. To be able to achieve the learning outcome, every student works on a course project, presents and defends the novelty of the research idea in class. 2. STAT6012 Computational Statistics. This is a three-credit hour graduate course, which I have taught since Fall 2016. I employ summative and didactic methods with computational and research components to provide more skills and knowledge among my students so as to handle computational and data science related tasks. To be able to achieve the learning outcome, every student works on a course project, presents and defends the novelty of the research idea in class.
Undergraduate	<ol style="list-style-type: none"> 1. STAT5537 Multivariate Technique. Is a four-credit hour undergraduate course, which I have taught since Fall 2016. I have transformed this course such that every student works on a course project, presents and defends the novelty of the multivariate data analysis in class. When teaching this course, I often emphasize depth of theory and application to ensure delivery of skills to perform data analytics and support data science. 2. STAT3336 Computational Techniques in Statistics. This is a four-semester hour undergraduate course, which I have taught since Fall 2017. I emphasize depth of statistical knowledge and skill of programming with algorithm analysis to ensure delivery of skills to perform data analytics and support data science. 3. STAT3335 Introduction to Sampling. Technique. Is a four-credit hour undergraduate course, which I taught in Fall 2017 and SP 2017. I emphasize its importance as a core to a statistical problem because it builds a foundation for data, analyses and inference that are key components for handling statistical analysis and related tasks. 4. STAT2103 Probability for Engineers. Is a four-credit hour undergraduate service course taught to engineering and computer science students, which I taught in Fall 2018 and SP 2018. I cover the course content in a way to interest students of engineering tasks as I highlight its importance in quality control, measurements and need to identify the correct probability distribution when addressing engineering problems. 5. STAT2102 Introduction to Probability. Is a four-credit hour undergraduate course, which I taught in SP 2017 and Fall 2017. I cover the course content with the objective to interest students to develop the required core analytical skills through understanding foundations of probability theories required to identify the correct probability distribution when tackling scientific problems. 6. STAT2101 Introduction to Statistics. Is a five-credit hour introductory undergraduate course, which I have taught since Fall 2016. It is multi-section, which recently together with the course coordinator, Dr. Iman Al-Hasani, we introduced a project to enable students directly apply the statistical concepts to real life problems using R for statistical analysis.

5. PEER REVIEW AND EDITORIAL MEMBERSHIP

Journal	Papers	Journal Metrics
Education and Information Technology	20	<ol style="list-style-type: none"> 1. Publisher: Springer 2. Impact Factor: 2.917 3. Metric: Q2
BMJ Open	10	<ol style="list-style-type: none"> 1. Publisher: Springer 2. Impact Factor: 2.496 3. Metric: Q2
Sultan Qaboos University Medical Journal	11	<ol style="list-style-type: none"> 1. Publisher: Sultan Qaboos University 2. Impact Factor: 0.970 3. Metric: Q3 4. Editorial Board Member
International Journal of Equity in Health	5	<ol style="list-style-type: none"> 1. Publisher: Springer 2. Impact Factor: 2.378 3. Metric: Q2
African Health Sciences	2	<ol style="list-style-type: none"> 1. Publisher: Springer 2. Impact Factor: 0.690 3. Metric: Q3
Journal of Air Transport Management	2	<ol style="list-style-type: none"> 1. Publisher: Elsevier 2. Impact Factor: 4.134 3. Metric: Q1
International Journal of Behavioural Nutrition and Physical Activity	2	<ol style="list-style-type: none"> 1. Publisher: Springer 2. Impact Factor: 6.457 3. Metric: Q1
Measurement	2	<ol style="list-style-type: none"> 1. Publisher: Elsevier 2. Impact Factor: 3.36 3. Metric: Q1
Clinical Epidemiology	1	<ol style="list-style-type: none"> 1. Publisher: Elsevier 2. Impact Factor: 4.245 3. Metric: Q1
Journal of Applied Statistics	1	<ol style="list-style-type: none"> 1. Publisher: Taylor and Francis 2. Impact Factor: 1.013 3. Metric: Q2
Europeana Journal of Operations Research	1	<ol style="list-style-type: none"> 1. Publisher: Elsevier 2. Impact Factor: 5.334 3. Metric: Q1
Sage Open	1	<ol style="list-style-type: none"> 1. Publisher: Taylor and Francis 2. Impact Factor: 0.360 3. Metric: Q2

6. SUPERVISION OF STUDENT RESEARCH PROJECTS SINCE 2016

Level	Role	Details
Ph.D (Statistics)	Supervisor	<ol style="list-style-type: none"> Title: Minimization models for the binary class misclassification rates Student: Mubarak Al Shukeili (29026) Progress: Ongoing
Ph.D (Statistics)	Supervisor	<ol style="list-style-type: none"> Title: Bias reduction in estimates under missing data mechanisms Student: Muna Al Shaaibi (46933) Progress: Ongoing
Ph.D (Statistics)	Co-supervisor	<ol style="list-style-type: none"> Title: Modeling count data using geometric distribution Student: Zainab Mohammed Darwish Al Balushi (13878) Progress: Graduated
MSc. (Statistics)	Supervisor	<ol style="list-style-type: none"> Title: Improved shrinkage method for high dimensional data Student: Afrah Darwish Al Kumisi (57906) Progress: Graduated
MSc. (Statistics)	Co-supervisor	<ol style="list-style-type: none"> Title: A comparison of term weighting schemes with application Student: Afra Humaid Al Manei (86633) Progress: Graduated
MSc. (Statistics)	Co-supervisor	<ol style="list-style-type: none"> Title: Survival Analysis under Generalized Gamma Model Student: Omar Thuwaini Ali Al-Kindi (113203) Progress: Graduated
MSc. (Statistics)	Co-supervisor	<ol style="list-style-type: none"> Title: Sequential Sampling Student: Iman Mansoor Nasser Al Kindi (52473) Progress: Graduated
BSc. (Statistics)	Supervisor	<ol style="list-style-type: none"> Title: Effect of Knowledge about Final Year Project on Academic Students: Zeyana Hamed Albrashdi (119546), Sharouq Ali Almahrouqi (120701) & Shadha Mohammed Albarhi (118885) Progress: Graduated
BSc. (Statistics)	Supervisor	<ol style="list-style-type: none"> Title: Statistical analysis of factors associated with luminosity of stars Students: Zainab kahlfan Mohamed Al Siaby (116199), Samia Saif Naiha Al berikia (116132) & Suha Said Hamed Al Ghallabi (110854) Progress: Graduated
BSc. (Statistics)	Supervisor	<ol style="list-style-type: none"> Title: Occupational health, prevalence and associated factors in Oman Students: Maha Mohammed Saif Al Harrasi (111650), Maimouna Mohammed Habib Al Harrasi (111885) & Maha Mohammed Abdullah Al Fahdi (112958) Progress: Graduated

Level	Role	Details
BSc. (Statistics)	Supervisor	<ol style="list-style-type: none"> 1. Title: Indices for Measurement of obesity in Oman 2. Students: Alaa Matter Salim Alasmi (106824), Mazoun Said Yaqoot Alatabi (107488) & Thawari Mohammed Aljahwari (107566) 3. Progress: Graduated
BSc. (Statistics)	Supervisor	<ol style="list-style-type: none"> 1. Title: Export and Import Price Index between Oman and UAE 2. Students: Zahra Al Mur Saif Al Ismaili (102268), Zainab Ahmed Yahya Al Wardi (102734) & Bedour Salim Amer Al Muzahmi (103288) 3. Progress: Graduated
BSc. (Statistics)	Supervisor	<ol style="list-style-type: none"> 1. Title: Statistical Analysis of number of driving tests in Oman 2. Students: Ahmed Suhail Aslam Al Meshikhi (102122) & Ibrahim Musalam Amer Dahul Al Awaid (103415) 3. Progress: Graduated
BSc. (Statistics)	Supervisor	<ol style="list-style-type: none"> 1. Title: Statistical Model for Physical Activity and Associated Factors 2. Students: Jawaher Hilal Sultan Al Rasheedi (102904), Hanan Ahmed Mohammed Al Riyami (102774) & Maimouna Mohammed Al Aaabed Al Mubihsi (101953) 3. Progress: Graduated
Sample Graduate Projects Supervised Before 2016		
M. (Statistics)	Supervisor	<ol style="list-style-type: none"> 1. Title: Deriving multi-factor models for predicting airline delays case study: Entebbe International Airport 2. Student: Masimbi Brian (2010/HD15/1001U) 3. Progress: Graduated
M. (Statistics)	Supervisor	<ol style="list-style-type: none"> 1. Title: An efficient analysis of survey data using double sampling design: a computerized approach 2. Student: Nabuduwa Ketty (2012/HD06/584U) 3. Progress: Graduated
M. (Statistics)	Supervisor	<ol style="list-style-type: none"> 1. Title: A web-based clinical malaria diagnosis system using data mining techniques, the rule-based classification algorithm 2. Student: Bbosa Francis Fuller (2012/HD06/581U) 3. Progress: Graduated
M. (Statistics)	Supervisor	<ol style="list-style-type: none"> 1. Title: A system for Implementation and evaluation of continuous assessments in secondary schools: case of Seeta High School 2. Student: Olal Daniel (2012/HD06/597U) 3. Progress: Graduated
M. (Statistics)	Supervisor	<ol style="list-style-type: none"> 1. Title: Survival of Burkitts Lymphoma patients in Northern Uganda: Admissions at St. Mary's Hospital Lacor 2. Student: Mbazira Mike (2011/HD06/4025U) 3. Progress: Graduated

Level	Role	Details
M. (Statistics)	Supervisor	<ol style="list-style-type: none"> 1. Title: Economic growth in the three traditional East African Countries: A panel data analysis approach 2. Student: Ssebagala Godfrey (2010/HD/646U) 3. Progress: Graduated
M. (Statistics)	Supervisor	<ol style="list-style-type: none"> 1. Title: Impact of foreign aid on government consumption in Uganda 2. Student: Basala Martin (2010/HD15/1103U) 3. Progress: Graduated
M. (Statistics)	Supervisor	<ol style="list-style-type: none"> 1. Title: Reduced proportions of Malaria Hospitalizations: a comparison of longitudinal and cross-sectional groups of children of five years and below in Tororo district 2. Student: Okiring Jaffer (2011/HD06/4020U) 3. Progress: Graduated
M. (Statistics)	Supervisor	<ol style="list-style-type: none"> 1. Title: Causal Relationships Of Associated Risk Factors Of Cardiovascular Disease In Uganda Across Rural-Urban 2. Student: Lucia Nakiyega 3. Progress: Graduated
M. (Statistics)	Supervisor	<ol style="list-style-type: none"> 1. Title: Attrition From Alcohol And Associated Factors In Uganda: A Structural Equation Modelling Approach 2. Student: Amos Mpungu 3. Progress: Graduated
M. (Statistics)	Supervisor	<ol style="list-style-type: none"> 1. Title: Factors Influencing User-Rating Of Health Services In Uganda: Clustering By Region And Residence 2. Student: Candia Douglas Andabati 3. Progress: Graduated
M. (Statistics)	Supervisor	<ol style="list-style-type: none"> 1. Title: Risk Factors of Diabetes 2. Student: Namiyonga Noor Kassim (2014/HD06/2010U) 3. Progress: Graduated
M. (Statistics)	Supervisor	<ol style="list-style-type: none"> 1. Title: Cost Effective Analysis of Integrated Home-based HIV Testing and Prevention of Mother to Child Transmission 2. Student: Nakato Rebecca (2011/HD06/2011U) 3. Progress: Graduated

7. RESEARCH GRANTS

Grant Number	Role	Details
IG/SCI/DOMS/17/01	Principal Investigator	<ol style="list-style-type: none">1. Title: Modeling prevalence and regional distribution of asthma2. Amount: 3200 RO3. Progress: Completed
IG/SCI/DOMS/18/13	Principal Investigator	<ol style="list-style-type: none">1. Title: Bayesian model averaging: fruits and vegetable consumption2. Amount: 2200 RO3. Progress: Completed
IG/SCI/STAT/20/03	Principal Investigator	<ol style="list-style-type: none">1. Title: Threshold modeling: application to air traffic flow at Muscat international airport2. Amount: 1850 RO3. Progress: Ongoing
IG/CON/AHCC/19/02	Co-Principal Investigator	<ol style="list-style-type: none">1. Title: Disaster Preparedness Modelling in Oman2. Amount: 1870 RO3. A Collaborative with College of Nursing4. Progress: Completed
IG/CON/AHCC/20/02	Investigator	<ol style="list-style-type: none">1. Title: Genetics Knowledge, Attitude and Practice among Nurses2. Amount: 1968 RO3. A Collaborative Project with College of Nursing4. Progress: Completed

8. UNIVERSITY AND COMMUNITY SERVICES

Committee	Role	Details
University Level		
SQU Audit Committee, 2017	Member & Rapporteur	<ol style="list-style-type: none"> 1. Develop evidence-based report 2. Rapportuer 3. Analyze and interpret data 4. A report was developed
College Level		
Timetabling Committee	Member & Chair	<ol style="list-style-type: none"> 1. Manage Students' Course Add and Drop 2. Develop Teaching and Examination Timetable 3. Advise Staffing gap & Lecture room allocation
International Cooperation	Member	<ol style="list-style-type: none"> 1. Identify potential collaborators, 2. Hold Reunions 3. Advise potential areas of cooperation
Department Level		
Program Accreditation	Member & Rapporteur	<ol style="list-style-type: none"> 1. Gather information 2. Analyze and interpret data 3. A report was developed 4. BSc. Stat & BSc. Math were accredited
Curriculum Committee	Member & Rapporteur	<ol style="list-style-type: none"> 1. Receive proposals, 2. analyse courses and programs information 3. Courses were reviewed, revived & developed
Website Committee	Member & Chair	<ol style="list-style-type: none"> 1. Update website 2. Collect necessary information 3. Update the template
E-learning Committee	Member & Chair	<ol style="list-style-type: none"> 1. Assist in elearning tools 2. Help in developing course assessment 3. Advise on improvements

9. PROFESSIONAL MEMBERSHIP

Association	Details
Royal Statistical Society (RSS), United Kingdom	<ol style="list-style-type: none"> 1. Membership Number: 130901 2. Internationally Recognised Statistics Association 3. Free Access to RSS Journals 4. Volunteer for Professional Statistical Work 5. Member Since 2010
International Statistical Institute (ISI), Netherlands	<ol style="list-style-type: none"> 1. Membership Number: 13972 2. Internationally Recognised Statistics Association 3. Free Access to ISI Journals 4. Volunteer for Professional Statistical Work 5. Member Since 2010
International association of Statistical Computing (IASC), Netherlands	<ol style="list-style-type: none"> 1. Membership Number: 13972 2. Internationally Recognised Statistics Association 3. Free Access to IASC Journals 4. Volunteer for Professional Statistical Work 5. Member Since 2010
East African Statistics Institute (EASI), Uganda	<ol style="list-style-type: none"> 1. Founder Member 2. Internationally Recognised Statistics Association 3. Volunteer for Professional Statistical Work 4. Member Since 2014
Data Science Analytics Lab (DSAL), SQU	<ol style="list-style-type: none"> 1. Founder Member 2. Recognised Statistics Association 3. Volunteer for Professional Statistical Work 4. Member Since 2018

10. CONFERENCE, PRESENTATIONS, WORKSHOP TRAINING & MEETINGS

- International Annual Statistical Conference, 2019, organised by the Royal Statistical Society, Belfast, United Kingdom *Performance of calibrated non-positive definite covariance matrix under a classification problem*
- International Annual Statistical Conference, 2018, organised by the Royal Statistical Society, Cardiff, United Kingdom *Hierarchical cluster modeling: Asthma and potential clinical phenotypes*
- Annual General Meetings, organised by the Royal Statistical Society, Belfast, United Kingdom. I participate to vote new association leadership.
- Annual General Meetings, organised by the International Statistical Institute, the Netherlands. I participate in voting new association leadership.
- Annual General Meetings, organised by the International Association of Statistical Computing (IASC), the Netherlands. I participate in voting new association leadership.
- Conducted R training workshop on the importance of R in research for statistical data analysis for students at SQU (December, 2018), under the auspices of Data Science Analytics Lab (DSAL).

11. TECHNICAL SKILLS AND STRENGTHS

Skill	Details
Computational Languages	<ol style="list-style-type: none">1. Ada2. C3. C++4. C-sharp5. PHP6. Java7. SQL8. Python9. Fortran10. Pascal11. MATLAB12. SAS13. Stata14. Epiinfo15. Minitab16. BASIC17. Cython18. ASM19. Splus20. R
Statistical Surveys	<ol style="list-style-type: none">1. Planning2. Administration3. Leadership and Coordination4. Data management5. Statistical Analysis & Modelling6. Reporting & Dissemination

12. METRICS OF JOURNAL PUBLICATIONS (2015-2021)

Journal Metric	Number	Percentage(%)	Impact Factor (Min, Max)
Quartile 1	11	40.7	(2.600, 5.399)
Quartile 2	4	14.9	(0.976, 4.003)
Quartile 3	12	44.4	(0.230, 1.377)
Overall	27	100.0	(0.230, 5.399)

13. LIST OF PEER REVIEWED JOURNAL PUBLICATIONS (2015 - 2021)

No.	Authors	Paper & Metrics	My Contribution
1.	Al Shaaibi, M., & Wesonga, R. (2021)	Bias dynamics for parameter estimation with missing data mechanisms under logistic model. Journal of Statistics and Management Systems, 1-22. https://doi.org/10.1080/09720510.2021.1887621 Journal Metrics Publisher: Taylor & Francis, Referred Journal in Scopus, Q3 & IF: 0.230 & Q3.	<ol style="list-style-type: none"> 1. Developed Idea 2. Statistical Modelling 3. Reviewed final draft 4. Corresponding Author 5. PhD Supervisor
2.	Wesonga, R., & Abdelbasit, K. (2021)	Region as a risk factor for asthma prevalence: statistical evidence from administrative data. Biostatistics & Epidemiology, 1-11. https://doi.org/10.1080/24709360.2021.1924495 Journal Metrics Publisher: Taylor & Francis, Referred Journal in Scopus, Q3 & IF: 0.797	<ol style="list-style-type: none"> 1. Developed Idea 2. Statistical Modelling 3. Wrote first draft 4. Corresponding Author 5. First Author
3.	Wesonga, R., Bakheit, C., & Ababneh, F. (2021)	Cluster modelling of longitudinal disease data: asthma and potential clinical phenotypes. International Journal of Modelling and Simulation, 1-13. https://doi.org/10.1080/02286203.2021.1873221 Journal Metrics Publisher: Taylor & Francis, Referred Journal in Scopus, Q2 & IF: 0.976	<ol style="list-style-type: none"> 1. Developed Idea 2. Statistical Modelling 3. Wrote first draft 4. Corresponding Author 5. First Author
4.	Bbosa, F. F., Nabukenya, J., Nabende, P., & Wesonga, R. (2021)	On the goodness of fit of parametric and non-parametric data mining techniques: the case of malaria incidence thresholds in Uganda. Health and Technology, 1-12. https://doi.org/10.1007/s12553-021-00551-9 Journal Metrics Publisher: Springer, Peer reviewed Journal in Scopus, Q3 & IF: 0.250	<ol style="list-style-type: none"> 1. Developed Idea 2. Statistical Modelling 3. Reviewed final draft 4. PhD Supervisor
5.	Labrague, L. J., Kamanyire, J. K., Achora, S., Wesonga, R., Malik, A., & Al Shaqsi, S. (2021).	Predictors of disaster response self-efficacy among nurses in Oman. International Journal of Disaster Risk Reduction, 61, 102300. https://doi.org/10.1016/j.ijdrr.2021.102300 Journal Metrics Publisher: Elsevier, Peer reviewed Journal in Scopus, Q1 & IF: 4.32	<ol style="list-style-type: none"> 1. Data Analytics 2. Statistical Modelling 3. Reviewed final draft
6.	Kamanyire, J. K., Wesonga, R., Achora, S., Labrague, L. L., Malik, A., Alshaqsi, S., & Alhabsi, J. A. (2021)	Nursing students' perceived disaster preparedness and response: a pilot study in Oman. Sultan Qaboos University Medical Journal [SQUMJ]. https://doi.org/10.18295/squmj.5.2021.074 Journal Metrics Publisher: PMC, Peer reviewed Journal in Scopus, Q3 & IF: 0.849	<ol style="list-style-type: none"> 1. Data Analytics 2. Statistical Modelling 3. Reviewed final draft
7.	Al Awaidy, S. T., Khamis, F., Mahomed, O., Wesonga, R., Al Shuabi, M., Al Shabibi, N. S., ... & Al Wahebi, M. (2021).	Epidemiological Risk Factors for Acquiring Severe COVID-19: Prospective Cohort Study. Oman Medical Journal, 36(5), e301. https://doi.org/10.5001/omj.2021.127 Journal Metrics Publisher: NIH Portfolio, Peer reviewed Journal in Scopus, Q3 & IF: 0.400	<ol style="list-style-type: none"> 1. Data Analytics 2. Statistical Modelling 3. Reviewed final draft

No.	Authors	Paper & Metrics	My Contribution
8.	Lumu, W., Kibirige, D., Wesonga, R. , & Bahendeka, S. (2021)	Effect of a nurse-led lifestyle choice and coaching intervention on systolic blood pressure among type 2 diabetic patients with a high atherosclerotic cardiovascular risk: study protocol for a cluster-randomized trial. <i>Trials</i> , 22(1), 1-14. https://doi.org/10.1186/s13063-021-05085-z Journal Metrics Publisher: Springer, Peer reviewed Journal in Scopus, Q1 & IF: 2.606	<ol style="list-style-type: none"> 1. Data Analytics 2. Statistical Modelling 3. Reviewed final draft
9.	Wesonga, R. , Nabugoomu, F., Ababneh, F., & Owino, A. (2019)	Simulation of time series wind speed at an international airport. <i>Simulation</i> , 95(2), 171-184. https://doi.org/10.1177/0037549718788955 Journal Metrics Publisher: Sage, Peer reviewed Journal in Scopus, Q3 & IF: 1.377	<ol style="list-style-type: none"> 1. Developed Idea 2. Statistical Modelling 3. Wrote final manuscript 4. Corresponding Author 5. First Author
10.	Namugera, F., Wesonga, R. , & Jehopio, P. (2019)	Text mining and determinants of sentiments: Twitter social media usage by traditional media houses in Uganda. <i>Computational Social Networks</i> , 6(1), 1-21. https://doi.org/10.1186/s40649-019-0063-4 Journal Metrics Publisher: Springer, Peer reviewed Journal in Scopus, Q3 & IF: 0.330	<ol style="list-style-type: none"> 1. Developed Idea 2. Statistical Modelling 3. Reviewed final manuscript
11.	Bahendeka, S., Wesonga, R. , Were, T. P., & Nyangabyaki, C. (2019)	Autoantibodies and HLA class II DR-DQ genotypes in Ugandan children and adolescents with type 1 diabetes mellitus. <i>International Journal of Diabetes in Developing Countries</i> , 39(1), 39-46. https://doi.org/10.1007/s13410-018-0622-5 Journal Metrics Publisher: Springer, Peer reviewed Journal in Scopus, Q3 & IF: 0.718	<ol style="list-style-type: none"> 1. Developed Idea 2. Statistical Modelling 3. Reviewed final manuscript
12.	Bahendeka, S., Mutungi, G., Tugumisirize, F., Kamugisha, A., Nyangabyaki, C., Wesonga, R. , ... & Were, T. P. (2019)	Healthcare delivery for paediatric and adolescent diabetes in low resource settings: Type 1 diabetes clinics in Uganda. <i>Global Public Health</i> , 1-15. https://doi.org/10.1080/17441692.2019.1611897 Journal Metrics Publisher: Taylor & Francis, Peer reviewed Journal in Scopus, Q2 & IF: 2.671	<ol style="list-style-type: none"> 1. Data Analytics 2. Statistical Modelling 3. Reviewed final manuscript
13.	Kabwama, S. N., Bahendeka, S. K., Wesonga, R. , Mutungi, G., & Guwatudde, D. (2019).	Low consumption of fruits and vegetables among adults in Uganda: findings from a countrywide cross-sectional survey. <i>Archives of Public Health</i> , 77(1), 4. https://doi.org/10.1186/s13690-019-0332-6 Journal Metrics Publisher: Taylor & Francis, Peer reviewed Journal in Scopus, Q1 & IF: 3.260	<ol style="list-style-type: none"> 1. Data Analytics 2. Statistical Modelling 3. Reviewed final manuscript
14.	Tumwesigye, N. M., Mutungi, G., Bahendeka, S., Wesonga, R. , Katureebe, A., Biribawa, C., & Guwatudde, D. (2019)	Alcohol consumption, hypertension and obesity: Relationship patterns along different age groups in Uganda. <i>Preventive Medicine Reports</i> , 19, 101141. https://doi.org/10.1016/j.pmedr.2020.101141 Journal Metrics Publisher: Elsevier, Peer reviewed Journal in Scopus, Q1 & IF: 3.10	<ol style="list-style-type: none"> 1. Data Analytics 2. Statistical Modelling 3. Reviewed final manuscript
15.	Al-Abri, M. A., Al-Adawi, S., Al-Abri, I., Al-Abri, F., Dorvlo, A., Wesonga, R. , & Jaju, S. (2018).	Daytime sleepiness among young adult Omani car drivers. <i>Sultan Qaboos University Medical Journal</i> , 18(2), e143. https://doi.org/10.18295/squmj.2018.18.02.004 Journal Metrics Publisher: PMC, Peer reviewed Journal in Scopus, Q3 & IF: 0.849	<ol style="list-style-type: none"> 1. Data Analytics 2. Statistical Modelling 3. Reviewed final manuscript

No.	Authors	Paper & Metrics	My Contribution
16.	Bahendeka, S., Wesonga, R. , Were, T. P., & Nyangabyaki, C. (2018).	Autoantibodies and HLA class II DR-DQ genotypes in Ugandan children and adolescents with type 1 diabetes mellitus. International Journal of Diabetes in Developing Countries, 1-8. https://doi.org/10.1007/s13410-018-0622-5 Journal Metrics Publisher: Springer, Peer reviewed Journal in Scopus, Q3 & IF: 0.718	<ol style="list-style-type: none"> 1. Data Analytics 2. Statistical Modelling 3. Reviewed final manuscript
17.	Jehopio, P. J., & Wesonga, R. (2017).	Polytechnic engineering mathematics: assessing its relevance to the productivity of industries in Uganda. International Journal of STEM Education, 4(1), 16. https://doi.org/10.1186/s40594-017-0078-z Journal Metrics Publisher: Springer, Peer reviewed Journal in Scopus, Q1 & IF: 5.399	<ol style="list-style-type: none"> 1. Data Analytics 2. Statistical Modelling 3. Reviewed final manuscript 4. Corresponding Author
18.	Wesonga, R. , Guwatudde, D., Nabugoomu, F., Mutungi, G., Muwonge, J., & Bahendeka, S. K. (2016).	Burden of cumulative risk factors associated with non- communicable diseases among adults in Uganda: evidence from a national baseline survey. International Journal for Equity in Health, 15(1), 195. https://doi.org/10.1186/s12939-016-0486-6 Journal Metrics Publisher: Springer, Peer reviewed Journal in Scopus, Q1 & IF: 3.805	<ol style="list-style-type: none"> 1. Data Analytics 2. Statistical Modelling 3. Wrote final manuscript 4. Corresponding Author 5. First Author
19.	Wesonga, R. , & Nabugoomu, F. (2016)	Framework for determining airport daily departure and arrival delay thresholds: statistical modelling approach. SpringerPlus, 5(1), 1-10. https://doi.org/10.1186/s40064-016-2623-5 Journal Metrics Publisher: Springer, Peer reviewed Journal in Scopus, Q3 & IF: 0.433	<ol style="list-style-type: none"> 1. Data Analytics 2. Statistical Modelling 3. Wrote final manuscript 4. Corresponding Author 5. First Author
20.	Kabwama, S. N., Ndyababangi, S., Mutungi, G., Wesonga, R. , Bahendeka, S. K., & Guwatudde, D. (2016).	Tobacco use and associated factors among Adults in Uganda: Findings from a nationwide survey. Tobacco Induced Diseases, 14(1), 27. http://dx.doi.org/10.1186/s12971-016-0093-8 Journal Metrics Publisher: TID, Peer reviewed Journal in Scopus, Q1 & IF: 2.60	<ol style="list-style-type: none"> 1. Data Analytics 2. Statistical Modelling 3. Reviewed final manuscript
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No.	Authors	Paper & Metrics	My Contribution
24.	Bahendeka, S., Wesonga, R. , Mutungi, G., Muwonge, J., Neema, S., & Guwatudde, D. (2016).	Prevalence and correlates of diabetes mellitus in Uganda: a population-based national survey. <i>Tropical Medicine & International Health</i> , 21(3) pp 405-416. http://dx.doi.org/10.1111/tmi.12663 . Journal Metrics Publisher: Wiley, Peer reviewed Journal in Scopus, Q1 & IF: 2.622	<ol style="list-style-type: none"> 1. Data Analytics 2. Statistical Modelling 3. Reviewed final manuscript
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