

Rophence Ojiambo

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[Personal Website](#) | [LinkedIn](#) | [GitHub](#)

EDUCATION

New York University, School of Global Public Health, New York, NY May 2029
PhD in Public Health, Biostatistics concentration

Brown University, School of Public Health, Providence, RI May 2023
Master of Science in Biostatistics
Thesis Title: Generalizing Cluster Randomized Control Trial Results to a Target Population
Relevant Coursework: *Basic Calculus, Linear Algebra I & II, Applied Regression Analysis I & II, Design and Analysis of Experiments, Survival Models and Analysis, Applied Multivariate Analysis, Probability I & II*

Moi University, Eldoret, Kenya Dec 2020
Bachelor of Science in Applied Statistics with Computing, First- Class Honors Distinction
Relevant Coursework: *Introduction to Methods in Epidemiologic Research, Statistical Inference, Causal Inference & Missing Data, Statistical Learning and Big Data, Longitudinal, Multilevel & Survival Analysis*

EXPERIENCE

The Academic Model Providing Access to Health Care (AMPATH) Eldoret, Kenya | Oct 2023 – Aug 2024
Biostatistician / Monitoring and Evaluation Officer

- Conducted statistical analyses on clinical data related to multiple myeloma
- Implemented data quality control measures and generated project reports and presentations

Brown University Providence, RI, USA | Aug 2021 – May 2023
D43 Trainee/Graduate Research Fellow

- Conducted statistical programming and analysis using R
- Presented research findings in departmental journal club meetings, and workshops.

MANUSCRIPT IN PREPARATION

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1. Ojiambo, R.A, et al. (in preparation). "Generalizing Cluster Randomized Control Trial Results to a Target Population." Expected submission to the Journal of Clinical Epidemiology, May 2025. This study extends inferences from a cluster randomized trial to a general clinical population.

PROFESSIONAL AFFILIATIONS

2023 - Present International Biometric Society [IBS]. Kenya Chapter, Nairobi, Kenya.

2022 - Present American Statistical Association [ASA]

TRAININGS AND CERTIFICATIONS

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- **Principles of HIV/STI Research and Public Health Practice**, Department of Global Health, University of Washington, Seattle, Washington (Summer 2022).
 - **Responsible Conduct of Research**, The Collaborative Institutional Training Initiative (CITI) program under requirements set by Brown University (Summer 2022).
 - **Verified Certificate for Data Science: Productivity Tools**, HarvardX (Summer 2022)

TECHNICAL SKILLS

Data Science: Machine Learning, Data wrangling, Exploratory data analysis, Feature engineering, Dimension Reduction, Clustering, and Decision Trees.

Programming languages: R, Stata, Statistical Package for the Social Sciences (SPSS)