



Inspiring Innovation and Leadership

KARATINA UNIVERSITY

STAFF PROFILE



1. **Name:** [Beryl Anyango Ang'iro]
2. **Designation:** [Assistant Lecturer]
3. **Employment details**

School: [Pure and Applied Sciences]

Department: [Mathematics, Statistics & Actuarial Sciences]

4. **Contact Information**

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

5. Biography

Beryl Anyango Ang'iro is an assistant lecturer, lecturing applied Statistics at Karatina University, Kenya. She obtained her Master's degree in Applied Statistics (2015) from Jomo Kenyatta University of Agriculture and Technology (JKUAT), Kenya. Beryl is currently pursuing her PhD degree in Biostatistics at Hasselt University, Belgium with the title 'Modeling High Dimensional Multivariate Survival Data with Clustering using Frailty and Copula models'. She teaches both introductory and advanced courses on statistical methodologies and analysis (theory and practice) to students from different faculties.

Beryl is an experienced Lecturer with a demonstrated history of working in the higher education industry. She is a qualified Statistician specialist in biostatistics with extensive background in quality and advanced research. She is skilled in advanced statistical techniques and statistical computing languages for data analysis such as R, SAS, Python, STATA and SPSS. In addition, she has expertise in document Processing tools such as R Markdown, LaTeX and Ms Office suite. Her PhD research mainly focuses on modelling multivariate survival (correlated and censored) data using frailty and copula models. She has published and presented in four international conferences. Beryl is a member of the International Society for Clinical Biostatistics (ISCB) and the Kenya National Statistical Society (KNSS). Her other current research interests include handling data with missingness and high dimensional data using machine learning techniques.

6. Area/ Field of specialization: [Biostatistics]

7. Research interests: [High dimensional data, Multivariate survival data, Missing data]

8. Peer-reviewed Publications

Ang'iro, B., Mwalili, S., & Kinyanjui, J. (2015). Multinomial Logit Modeling of Factors Associated With Multiple Sexual Partners from the Kenya Aids Indicator Survey 2007. *American Journal of Theoretical and Applied Statistics*, 4(3), 170-177. Found at: <https://karuspace.karu.ac.ke/handle/20.500.12092/2305>