DEPARTMENT OF MATHEMATICS

Name of Staff: Dr. Poti Owili Abaja

Designation: Senior Lecturer

Laikipia University: School of Science and Applied Technology

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Educational Background

PhD in Statistics, Kabarak University, Kenya (2016)

Masters in. Statistics, Egerton University, Kenya (2000)

Bachelors Science in Mathematics (Second Class Honours Upper Division) Egerton University, Kenya (1993)

Brief Auto-biography of the Department

The department of Mathematics offers BSc. Statistics programme and services several departments in the university. It has staff in all the branches of mathematics.

Selected publications

- Poti Abaja Owili(2016). Estimation of Missing Values for BL (p, 0, p, p) Time Series Models with Student-t Innovations, *International Journal of Statistics and Applications*, Vol. 6 No. 3, pp. 113-122. doi: 10.5923/j.statistics.20160603.04.
- Poti Abaja Owili, Luke Orawo, Dankit Nassiuma (2015)., Estimation of Missing Values for Pure Bilinear Time Series Models with Student-t Innovations, *International Journal of Statistics and Applications*, Vol. 5 No. 6, 2015, pp. 293-301. doi: 10.5923/j.statistics. 0506.05.
- Poti Owili Abaja, Dankit Nassiuma, Luke Orawo(2015). Imputation of Missing Values for Pure Bilinear Time Series Models with Normally Distributed Innovations. *American Journal of Applied Mathematics and Statistics*.; 3(5):199-205. doi: 10.12691/ajams-3-5-4.

- Poti Abaja Owili, Luke Orawo, Dankit Nassiuma. (2015).Estimation of Missing Values for Pure Bilinear Time Series Models with Student-t Innovations, *International Journal of Statistics and Applications*, Vol. 5 No. 6, 2015, pp. 293-301. doi: 10.5923/j.statistics.20150506.05.

Research Interest

Time series analysis, Epidemiology, Financial Risk management.