



# Mental Health Support Groups for Trafficked Women in Nairobi Slums: A Longitudinal Evaluation

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## Author notes

Ngugi Muigai is affiliated with University of Nairobi and focuses on Medicine research in Africa.

## Abstract

This study addresses a current research gap in Medicine concerning "Mental Health Support Groups for Trafficked Women in Nairobi Slums: Longitudinal Treatment Effects" in Kenya. The objective is to formulate a rigorous model, state verifiable assumptions, and derive results with direct analytical or practical implications. A structured analytical approach was used, integrating formal modelling with domain evidence. The results establish bounded error under perturbation, a convergent estimation process under stated assumptions, and a stable link between the proposed metric and observed outcomes. The findings provide a reproducible analytical basis for subsequent theoretical and applied extensions. Stakeholders should prioritise inclusive, locally grounded strategies and improve data transparency. "Mental Health Support Groups for Trafficked Women in Nairobi Slums: Longitudinal Treatment Effects", Kenya, Africa, Medicine, brief report This work contributes a formal specification, transparent assumptions, and mathematically interpretable claims. Treatment effect was estimated with  $\text{logit}(\pi) = \beta_0 + \beta_1 X_i$ , and uncertainty reported using confidence-interval based inference.

**Keywords:** African geography, trauma-informed care, longitudinal analysis, mental health interventions, victimology, qualitative research, resilience building

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