



Methodological Evaluation of Community Health Centres Adoption Rates in Kenya Through Quasi-Experimental Design,

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Abstract

The adoption rates of community health centers in Kenya have been a subject of interest for researchers aiming to understand their impact on public health outcomes. A mixed-methods approach was employed, including quantitative data from surveys and administrative records alongside qualitative insights gathered through interviews. The study utilised a time-series analysis to measure changes in CHC adoption over time. Community health centers showed an adoption rate increase of 15% between and , driven by improved funding and policy support from the government. The quasi-experimental design provided robust evidence for the effectiveness of CHC systems in enhancing healthcare access and service delivery in Kenya. Further research should explore long-term sustainability strategies to maintain high adoption rates and improve health outcomes. Treatment effect was estimated with $\text{text}\{logit\}(\pi) = \beta_0 + \beta^* p X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *Geographic, Sub-Saharan, Health Systems, Methodology, Quasi-Experimental, Evaluation, Community Engagement*

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