



# Methodological Assessment of Rural Clinics in Nigeria: Quasi-Experimental Evaluation of Clinical Outcomes

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## Abstract

Rural clinics in Nigeria face challenges with varying clinical outcomes due to inconsistent quality of care provided by healthcare professionals. A quasi-experimental design was employed, incorporating survey data from 120 clinics across Nigeria. The primary analysis used linear regression with robust standard errors to estimate the impact of various factors on clinical outcomes. The findings indicated that clinic size and staff training were significant predictors of better clinical outcomes ( $p < 0.05$ ). The quasi-experimental design successfully captured variations in clinical performance, highlighting areas needing intervention to improve care quality. Investment should be directed towards expanding the scale of clinics and enhancing staff training programmes. Rural Clinics, Quasi-Experimental Design, Clinical Outcomes, Nigeria Treatment effect was estimated with  $\text{text} \{ \text{logit} \} (\pi) = \beta_0 + \beta^{-1} p X_i$ , and uncertainty reported using confidence-interval based inference.

**Keywords:** *Afro-centric, GIS, RCT, QCA, SWOT, Stakeholder, Validity*

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