



Community Health Worker Missions' Impact on Maternal Health in Rural Southern Ethiopia: A Scorecard Evaluation

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Abstract

Community health interventions are crucial for improving maternal health outcomes in rural areas of Sub-Saharan Africa, where access to healthcare services is often limited. A scorecard evaluation was conducted using data collected through standardised surveys administered by CHWs in 10 randomly selected villages. The study's design included a pre- and post-intervention assessment to measure changes in key maternal health metrics. CHW missions resulted in an increase of 25% (95% CI: 10%, 40%) in the number of pregnant women receiving antenatal care, indicating enhanced service uptake. Community Health Worker missions have a positive impact on maternal health indicators in rural southern Ethiopia. Further research should explore scalability and cost-effectiveness of CHW-based interventions to inform broader public health strategies. Community Health Workers, Maternal Health, Rural Ethiopia, Scorecard Evaluation Treatment effect was estimated with $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: African Geography, Community Health Worker, Maternal Health, Rural Areas, Outcome Evaluation, Scorecard Methodology, Public Health Assessment

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