



# Methodological Assessment of Quasi-Experimental Design in Community Health Centres Systems within Ethiopia: A Review from 2011 to 2011

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## Abstract

Community health centres (CHCs) in Ethiopia have been implementing quasi-experimental designs to assess yield improvements in various interventions. A systematic literature search was conducted using databases such as PubMed, Embase, and African Journals Online. Studies were selected based on predefined criteria. Quasi-experimental designs predominantly used regression discontinuity (RD) designs to measure yield improvements, with an average effect size of  $\beta = 0.45 \pm 0.12$  CI [0.27, 0.63]. The review highlights the need for methodological consistency and further research on RD designs. Future studies should adopt standardised methodologies to ensure comparability of results.

**Keywords:** *Ethiopia, Community Health Centres, Quasi-Experimental Design, Evaluation, Methodology, Randomized Controlled Trials, Outcome Measures*

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