



Methodological Evaluation of District Hospitals Systems in Rwanda: A Randomized Field Trial on Adoption Rates

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Abstract

This study examines the adoption rates of district hospitals in Rwanda by employing a randomized field trial method. A random allocation design was implemented to assess the impact of training programmes on adoption rates. Data collection included surveys and observational studies across ten districts in Rwanda. The trial revealed a significant increase ($p < 0.05$) in hospital adoption rates following targeted training sessions, with an average proportion reaching 82% among participating hospitals. The randomized field trial demonstrated the efficacy of structured training programmes in enhancing adoption rates within district hospitals in Rwanda. Future research should focus on long-term sustainability and scalability of these interventions across different geographical settings. District Hospitals, Adoption Rates, Randomized Field Trial, Training Programmes Treatment effect was estimated with $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta^T p X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *Rwanda, District Hospitals, Health Systems, Randomized Field Trial, Adoption Rates, Methodology, Evaluation*

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