



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

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Abstract

Adoption rates in Rwanda's district hospitals have been a subject of interest for improving healthcare access and quality. A randomized field trial was conducted among 120 district hospitals to measure the adoption rates of recommended medical guidelines. Hospitals were randomly assigned into intervention and control groups. Significant differences in adoption rates ($p < 0.05$) were observed between the intervention and control groups, with an average increase of 43% in protocol adherence among the former. The randomized field trial demonstrated that structured interventions can significantly enhance the adoption of recommended medical protocols in district hospitals. District health authorities should prioritise implementation of standardised training programmes to further improve adoption rates and quality of care. Adoption Rates, Randomized Field Trial, Rwanda, Medical Protocols 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: *Sub-Saharan, African, Healthcare, Systems, Randomization, Impact, Ethiopia*

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