



Malaria Control through Net Distribution and Its Impact on Child Mortality Rates in Ethiopian Villages

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Abstract

Malaria is a significant public health issue in Ethiopia, particularly affecting children living in rural areas where access to healthcare services is limited. A mixed-methods approach was employed, combining quantitative data from surveys with qualitative insights gathered through interviews and focus group discussions. Net ownership increased by 45% after the intervention, resulting in a reduction of malaria cases by 30%. The programme showed promising results in reducing child mortality rates associated with malaria. Further implementation should include enhanced community engagement and continuous monitoring to sustain impact. malaria, net distribution, child mortality, Ethiopia, intervention evaluation Treatment effect was estimated with $\text{logit}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: Malarial, Ethiopia, Netting, Mortality, PublicHealth, Intervention, Evaluation

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