



Adoption and Risk Factor Reduction Levels of Prevention Practices Among Sex Workers in Mozambique Cities Utilising Community Health Workers: An African Perspective

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Abstract

Sex workers in Mozambique cities face high HIV/AIDS risk due to social stigma, lack of access to healthcare and education. A mixed-methods approach was employed including surveys targeting 200 sex workers and qualitative interviews with 15 CHWs in three cities. Data were analysed using descriptive statistics and thematic analysis. CHW-led prevention programmes showed a significant adoption rate of HIV testing (89%) among sex workers, but risk behaviors such as unprotected sex persisted at 32%. Community health workers play a crucial role in promoting adherence to preventive measures despite challenges. Continued CHW support and further research into behavioural changes are recommended for HIV prevention strategies. Treatment effect was estimated with $\text{logit}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: African Geography, Community Health Workers, HIV/AIDS, Sex Work, Stigma Reduction, Prevention Practices, Risk Factor Analysis

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