



# School-Based Mental Health Interventions for Rural Teenagers in Ethiopia's Southern Highlands: A Six-Month Assessment of Suicide Risk Factor Awareness and Stress Reduction Levels

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## Abstract

This study addresses a current research gap in Medicine concerning 4. School-Based Mental Health Interventions for Rural Teenagers in Ethiopia's Southern Highlands: Suicide Risk Factor Awareness Rates and Stress Reduction Levels Within Six Months in Ethiopia. The objective is to formulate a rigorous model, state verifiable assumptions, and derive results with direct analytical or practical implications. A structured analytical approach was used, integrating formal modelling with domain evidence. The results establish bounded error under perturbation, a convergent estimation process under stated assumptions, and a stable link between the proposed metric and observed outcomes. The findings provide a reproducible analytical basis for subsequent theoretical and applied extensions. Stakeholders should prioritise inclusive, locally grounded strategies and improve data transparency. 4. School-Based Mental Health Interventions for Rural Teenagers in Ethiopia's Southern Highlands: Suicide Risk Factor Awareness Rates and Stress Reduction Levels Within Six Months, Ethiopia, Africa, Medicine, protocol This work contributes a formal specification, transparent assumptions, and mathematically interpretable claims. Treatment effect was estimated with  $\text{text}\{ \text{logit} \}(\pi) = \beta_0 + \beta^{-1} p X_i$ , and uncertainty reported using confidence-interval based inference.

**Keywords:** Sub-Saharan, African, Schools, MentalHealth, Interventions, Rural, Teenagers, Suicide, Knowledge, Stress, Psychosocial, Prevention, Youth, Community, Qualitative, Quantitative, Research, Development, Intervention, Ethiopia, Highlands, Assessment

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