



Community Engagement Strategies in Tuberculosis Prevention and Treatment in Gaborone, Botswana: A Systematic Literature Review

Segoleka Mokgopi¹

¹ Department of Public Health, University of Botswana

Published: 25 October 2004 | **Received:** 26 June 2004 | **Accepted:** 25 September 2004

Correspondence: smokgopi@yahoo.com

DOI: [10.5281/zenodo.18780849](https://doi.org/10.5281/zenodo.18780849)

Author notes

Segoleka Mokgopi is affiliated with Department of Public Health, University of Botswana and focuses on Medicine research in Africa.

Abstract

This study addresses a current research gap in Medicine concerning Community Engagement Strategies for Tuberculosis Prevention and Treatment Success Rates in Gaborone, Botswana in Botswana. The objective is to formulate a rigorous model, state verifiable assumptions, and derive results with direct analytical or practical implications. A structured review of relevant literature was conducted, with thematic synthesis of key findings. 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. Community Engagement Strategies for Tuberculosis Prevention and Treatment Success Rates in Gaborone, Botswana, Botswana, Africa, Medicine, systematic review. This work contributes a formal specification, transparent assumptions, and mathematically interpretable claims. Treatment effect was estimated with $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta^T X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *Tuberculosis, Botswana, Community Health Education, Outreach Programmes, Social Mobilization, Epidemiology, Qualitative Research*

ABSTRACT-ONLY PUBLICATION

This is an abstract-only publication. The complete research paper with full methodology, results, discussion, and references is available upon request.

✉ **REQUEST FULL PAPER**

Email: info@parj.africa

Request your copy of the full paper today!

SUBMIT YOUR RESEARCH

Are you a researcher in Africa? We welcome your submissions!

Join our community of African scholars and share your groundbreaking work.

Submit at: app.parj.africa



Scan to visit app.parj.africa

Open Access Scholarship from PARJ

Empowering African Research | Advancing Global Knowledge