



A Replication Study: Quantising the Association between Open Defecation and Environmental Contamination with **Shigella** in High-Density Urban Zimbabwe, 2002

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Abstract

This study addresses a current research gap in Medicine concerning Quantifying the Association between Open Defecation and Environmental Contamination with *Shigella* in Dense Urban Neighborhood in Zimbabwe. The objective is to clarify key debates, identify practical implications, and outline a focused agenda for scholarship and policy. A qualitative approach was used, drawing on recent literature and policy sources to frame the analysis. The analysis indicates persistent structural constraints alongside emerging local innovations; however, evidence remains uneven across contexts and sectors. The paper argues for context-specific approaches and stronger empirical foundations in future research. Stakeholders should prioritise inclusive, locally grounded strategies and improve data transparency. Quantifying the Association between Open Defecation and Environmental Contamination with *Shigella* in Dense Urban Neighborhood, Zimbabwe, Africa, Medicine, replication study This structured abstract provides a standardised summary to support rapid screening, indexing, and assessment of scholarly contribution.

Keywords: *Replication study, Open defecation, Environmental contamination, Shigella, Sub-Saharan Africa, Urban health*

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