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Multilevel Geospatial Analysis of Factors Associated with Unskilled Birth Attendance in Ghana

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Maternal mortality is still higher, particularly in sub-Saharan Africa and South Asia, where 86% of all deaths occur. This paper explores the spatial distribution of unskilled birth attendance in Ghana. The Geographic Weighted Regression (GWR) was employed to model the spatial relationship of some predictor of unskilled birth attendance. Moreover, a multilevel binary logistic regression model was fitted to identify factors associated with unskilled birth attendance.

Biography

Vincent Bio Bediako from Ghana with Master's of Philosophy in Population and Health. My research interests include spatial demography, spatial analysis in public health and the influence of environmental factors on health.