



Quantitative Analysis Framework for Evaluating School Nutrition Programmes' Impact on Kenyan Children's Cognitive Functioning

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Abstract

School nutrition programmes in Kenya are designed to improve children's cognitive function by providing them with nutritious meals during school hours. The proposed framework will integrate data from nutrition intake surveys and standardised cognitive tests administered in schools across Kenya. It will employ statistical techniques such as regression models to analyse the relationship between programme participation and cognitive performance. The theoretical framework presented here provides a robust methodology for future empirical studies to validate the impact of school nutrition programmes on cognitive development among Kenyan children. School administrators, policymakers, and researchers should consider implementing this framework to guide the design and evaluation of future school nutrition initiatives aimed at improving educational outcomes.

Keywords: Kenyan, Geography, Quantitative, Nutrition, Cognitive, Analysis, Development

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