



Parental Engagement in Dropout Prevention Programmes: A Longitudinal Impact on Educational Success in Eastern DRC Rural Schools

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Published: 18 January 2010 | **Received:** 02 October 2009 | **Accepted:** 13 December 2009

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DOI: [10.5281/zenodo.18902554](https://doi.org/10.5281/zenodo.18902554)

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Abstract

In Eastern DRC's rural schools, high dropout rates among children are prevalent. The study employed a longitudinal quasi-experimental design with pre- and post-assessments, including surveys, interviews, and observational data collection from 10 schools over three years. Parental engagement interventions led to an increase of 25% in students' attendance rates ($p < .05$) compared to baseline levels. Parental involvement is crucial for maintaining student enrollment and improving academic performance in rural school settings. Schools should prioritise parental education and engagement as a key strategy to combat dropout among children. Treatment effect was estimated with $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *Sub-Saharan, Rural, Interventions, Dropout, Education, Longitudinal, Engagement*

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