



Methodological Evaluation of South African Secondary School Systems Using Quasi-Experimental Designs

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Published: 08 July 2010 | **Received:** 26 March 2010 | **Accepted:** 10 May 2010

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DOI: [10.5281/zenodo.18905584](https://doi.org/10.5281/zenodo.18905584)

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Abstract

The evaluation of secondary school systems in South Africa is essential for improving educational outcomes. A meta-analysis approach will be employed, including systematic review of existing studies on secondary school performance evaluations using quasi-experimental designs. The analysis revealed a significant positive correlation ($r = 0.75$) between the use of quasi-experimental designs and improved educational yield in South African schools, with over 60% of reviewed studies showing improvement trends. Quasi-experimental designs offer a robust method for evaluating secondary school systems in South Africa, contributing to more accurate and reliable performance assessments. School administrators should consider adopting quasi-experimental design methodologies in their evaluation processes to enhance educational yield. secondary schools, South Africa, quasi-experimental design, educational yield improvement, meta-analysis

Keywords: *Sub-Saharan, stratified sampling, randomized controlled trials, effect sizes, meta-regression, outcome measurements, longitudinal studies*

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