

A Prediction of Reading and Math Performance of Interracial Children: Using Path Analysis

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Abstract

More than ten percent of elementary children enrolled in Taiwan are from interracial marriages. The purpose of this study is to inquire how teacher's perceived culture impacts these new immigrants' school performance and learning behaviors on reading and math. A path analysis was implemented for this study. A survey was developed and utilized to collect data from 107 elementary teachers. Path analysis assesses Goodness of Fit using a chi square to describe the predictors of learning, cultural, and social behaviors on children's reading and math performance in Taitung, Taiwan. Findings from this study revealed while three behaviors are interrelated, learning behavior was the strongest predictor. However, it cannot operate independently.

Keywords: *Interracial marriage, Reading, Learning behavior, Social behaviors, Path Analysis.*