

## MODELING THE RATE OF ILLITERACY IN THE STATE OF PARAIBA VIA BETA REGRESSION MODEL

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- **ABSTRACT:** *This article aims to evaluate the factors that influence the rate of illiteracy in the State of Paraíba in 2010. We used the regression model beta proposed by Ferrari & Cribari-Neto (2004) in order to model the rate of illiteracy in paraibanos municipalities. Additionally, we calculated the impact spending on assistance programs on illiteracy rate. We concluded that is necessary an investment of approximately R\$ 411,00 to reduction in the rate of illiteracy.*
- **KEYWORDS:** *Assistance programs; beta regression model; illiteracy rate.*

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