

## LEAST SQUARES ESTIMATORS IN MODELS OF STRUCTURAL CALIBRATION, WITHOUT ASSUMPTION OF NORMALITY

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- *ABSTRACT: This article has for main objective in show a detailed study of the properties of estimators of minimums squared on the parameters of model of structural calibration, when the assumption of normality in the errors of measurement and the variable will be suppressed. As the distribution of the estimators of squared minimums it does not possess finite moments, Kendall and Stuart (1952) then the results presented in this article are approaches for the hope and variance of the asymptotic distribution of these estimators. Initially will be presented and demonstrated to the analytical form of asymptotic expressions of hopes and variances of estimators and later an inquiry on the gotten estimators will be carried through to verify if they satisfy the properties to be not biased and consistent.*
- *KEYWORDS: Absolute calibration; structural model; estimators; attenuation coefficient.*

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