

Moment Estimators of the Parameters of Zero-One Inflated Negative Binomial Distribution

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Abstract : In this paper, zero-one inflated negative binomial distribution is considered, along with some of its structural properties, then its parameters were estimated using the method of moments. It is found that the method of moments to estimate the parameters of the zero-one inflated negative binomial models is not a proper method and may give incorrect conclusions.

Keywords : zero one inflated models, negative binomial distribution, moments estimator, non negative integer sampling

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