

Distribution of Scaled down Marks in Internal Examination: A Case Study

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Abstract

In choice based credit and grading system a learner is assessed at two levels 1) Internal Assessment (IA) and 2) External Assessment (EA). When internal marks are significantly more than that of external examination marks then internal marks are scaled down. It is observed that amount of reduction in marks follows exponential probability distribution. In this paper data of 80 students is considered and Internal Marks are scaled down using 10%, 15%, 20%, 25% scaling down parameters. Exponential distribution is fitted for reduction in marks when scaling down parameter is 20%. Using Chi Square Test for goodness of Fit it is observed that Exponential is good fit for the same.

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