MISSING PLOT TECHNIQUES USING REGRESSION ANALYSIS AND ITS COMPARISON WITH RANDOMIZED BLOCK DESIGN MISSING PLOT TECHNIQUES

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ABSTRACT

In this paper, we have estimated the values of one and two missing observations using the regression method of analysis. Again, we estimated the value of same missing observations (one and two) by expressing the regression data in the format of randomized block design data. In this investigation, we observed that the estimated value of the missing observation(s) come out to be more or less same. This procedure has been shown by taking two suitable examples. Further, we analyzed the data to obtain ANOVA table using both the methods, where we found the same significant result.

KEYWORDS: Analysis of Variance, Blocking, Missing Observation, Regression Analysis, Response Variable