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THE PHILIPPINE STATISTICIAN
2007, Volume 56, Nos. 1-2

A Comparison of Four Approaches to Handling Missing Data

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Abstract

Missing data problems have typically been under-appreciated in the social sciences. In practicality, few students or researchers go beyond the default settings of most statistical packages when conducting analyses on missing data. Four different approaches for handling missing data will be presented and conducted on a set of simulated missing data where the missing data follows a partial Missing at Random (MAR) pattern.

Keywords: *Imputation, Missing Data, Simulation, Linear Regression, Monte Carlo*