

**E1-14 : A COMPARISON OF TWO MULTIVARIATE  
EXPLORATORY TECHNIQUES**

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Two approaches of Multivariate data analysis were compared using the real life data sets. The methods compared are projection pursuit (Friedman and Tukey (1974) and Jones and Sibson, 1987)) and Liyana arachchige (1992). The data used for comparison are Boston Neighbourhood Data (Belesley, Kuh and Welsh. 1980) Lubischew's Data ( Lubischew, 1962) and Iris data (Fisher, 1936). Jones and Sibson's approach of projection pursuit and that of Friedman and Tukey compared through Boston Neighbourhood Data showed only a vary shallow resemblance of two methods. The comparison of this method with approach suggested by Liyana arachchige through Lubischew's data showed that the latter led to better identification of groups through the "chaining" posed a problem for identification when not-labelled beforehand.