

Program MEMEG

Chap. 2 - Multiple Regression

IT IS used to explore the relationship between a set of Independent variables (x 's) and a single dependent variable (Y).

Chap. 3 - ANOVA - Analysis of variance

the objective is to test for an effect of an experimental factor (or factors) on the dependent variable. these tests are based on a relative comparison of the mean of the dependent variable across the different treatments group levels.

Chap. 4 - Principal components

Is a mathematical procedure that uses an orthogonal transformation to convert a set of observations of possible correlated variables into a set of values of uncorrelated variables called Principal components

Chap 5 - Cluster Analysis

Is a set of tools for building groups for multivariate objects.

the groups should be as homogeneous as possible and the difference among the various groups as large as possible