Skilled Professionals Services for Statistical Analysis of Graduation/ Masters/ PhD Degrees

Statistical analysis is a technically generated and scientifically assessed way of initiating a research methodology in the Graduation, Masters, and PhD Degrees. The statistical mode of collecting data and further analysing the same, assist the researcher with the capability of gaining accurate inference from respective primary data. Statistics being a very essential branch of mathematics, demands formulated calculations from advanced mathematical genre. The tools for statistical analysis are very important in terms of organising the collected data, analysing the accumulated information, and achieving the research objectives with utmost accuracy.

According to Begum & Ahmed (2015, pp. 53-55) for a researcher, the decision about the selection of the right test for the research is dependent on the appropriateness of its application. Considerations related to the kinds of variables of the respective research work are the ways of gaining the insight into the selection of the right test for the research work. For this purpose, the distribution of the variables can be either ‘*categorical, ordinal or interval’* and can be distributed normally. Enlisted below are the statistical tools for any particular research work:

* Analysis of covariance
* binomial test
* Canonical correlation
* chi-square goodness of fit test
* chi-square test
* Correlation
* Discriminant analysis
* Factor analysis
* Factorial ANOVA
* Factorial logistic regression
* Fisher's exact test
* Friedman test
* hsb2
* McNemar's test
* median test
* Multiple logistic regression
* Multiple regression
* Multivariate multiple regression
* Non-parametric correlation
* one-way analysis of variance (ANOVA)
* One-way MANOVA
* Ordered logistic regression
* paired (samples) t-test
* repeated measures analysis of variance
* Repeated measures logistic regression
* Simple linear regression
* Simple logistic regression
* t-test
* Wilcoxon signed rank sum test
* Wilcoxon-Mann-Whitney test

Appropriate selection of the right statistical tool for a research work is possible only when the researcher gets well acquainted with the aforementioned tools. On the other hand, services offered by the skilled professionals can be of great value. it is more important to have the best statistical analysis approach for gaining high quality Graduation, Masters or PhD Degree.

**Source**:

Begum, K. J. & Ahmed, A. (2015) The Importance of Statistical Tools in Research Work. *International Journal of Scientific and Innovative Mathematical Research.* Volume 3, Issue 12, December 2015, pp. 50-58