MULTIPLE REGRESSION ANALYSIS ON THE NUMBER OF PUPBLIC PRIMARY SCHOOLS PUPILS AND TEACHERS IN LAGOS STATE (2010/2011) ACADEMIC SESSION

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ABSTRACT

This project work was aimed at studying the problem of lack of classrooms, tables, chairs and other facilities facing public primary schools in Lagos State that is why am carrying out this project to know the Multiple Regression Analysis on the number of public primary schools pupils and teachers in Lagos State.

During my analysis I was able to carry out the problems that are facing Lagos State using Statistical package for social science (SPSS) to carry out the multiple regression analysis on the number of public primary schools in Lagos State. The coefficient of determination 0.432 shows that only 43.2% of variation in total number of schools is determined by total number of pupils, the coefficient of determination 0.413 shows that only 41.3% of variation in total number of schools is determined by total number of teachers. The correlation analysis shows that there is strong positive correlation between the total of pupils and total number of teachers and the correlation is significant.

The coefficient of determination showed that 47.7% of the variation in the total number of schools. The analysis of variance tested showed that total number of pupils and total number of teachers are linearly related.

Since the p-value 0.004 is less than 7.746, we reject H_0 and there is significance difference between the total number of pupils and total number of teachers. Then, I can conclude and predict that there will be increased in the number of public primary schools in Lagos State.