

CHI-SQUARE GOODNESS OF FIT TEST

As proposed, some selected tables where there are variables, which can be probably related to each other were considered for the Chi-Square Goodness of Fit test. Below are some of the tabulated responses, which are tested for Chi-square goodness of Fit to determine dependency of variables and their significance on the research question.

Table-A 1.2 ANM/LHV Visits during pregnancy.

Applying Chi-Square goodness of fit test to the above mentioned table, it is found that the calculated value of X^2 (4.84) less than the table value (7.81) for 3 degree of freedom at 5 per cent level of significance. Thus it is considered that the fit is a good one. There is no relation exist between the variables.

Table-A 1.5 Breast feeding and intake during lactating Period.

For the above mentioned table, it is found that the calculated value of X^2 (2.05) less than the table value (4.6) for 2 degree of freedom at 5 per cent level of significance. Thus it is considered that the fit is a good one. There is no relation exist between the variables.

Table-A 3 Adolescent reproductive Health.

For the above table, it is found that the calculated value of X^2 (4.1) less than the table value (3.8) for 1 degree of freedom at 5 per cent level of significance. Thus it is considered that the fit is not a good one. There is relation exist between the variables.

Table-C-3 Nutrition.

For the above mentioned table, it is found that the calculated value of X^2 (1.6) less than the table value (4.6) for 2 degree of freedom at 5 per cent level of significance. Thus it is considered that the fit is a good one. There is no relation exist between the variables.

Table-D 1.1 Care taken during delivery at home

For the above mentioned table, it is found that the calculated value of X^2 (2.16) less than the table value (3.84) for 1 degree of freedom at 5 per cent level of significance. Thus results supports that the fit is a good one and there is no relation exist between the variables.

Table-D 1.3 Knowledge on spacing of birth and newborn risks.

For the above mentioned table, it is found that the calculated value of X^2 (1.9) less than the table value (3.8) for 1 degree of freedom at 5 per cent level of significance. Thus it is considered that the fit is a good one. There is no relation exist between the variables.

Table-D 2 Control of Acute Respiratory Infections.

For the above mentioned table, it is found that the calculated value of X^2 (1.6) less than the table value (3.8) for 1 degree of freedom at 5 per cent level of significance. Thus it is considered that the fit is a good one. There is no relation exist between the variables.

Table-D 3 Diarrhoea.

For the above mentioned table, it is found that the calculated value of X^2 (2.08) less than the table value (4.6) for 2 degree of freedom at 5 per cent level of significance. Thus it is considered that the fit is a good one. There is no relation exist between the variables.

Table-D 4 Control of vitamin-A deficiency.

For the above mentioned table, it is found that the calculated value of X^2 (1.6) less than the table value (3.8) for 1 degree of freedom at 5 per cent level of significance. Thus it is considered that the fit is a good one. There is no relation exist between the variables.

Table-E 1 Immunization.

For the above mentioned table, it is found that the calculated value of X^2 (3.15) less than the table value (7.8) for 3 degree of freedom at 5 per cent level of significance. Thus it is considered that the fit is a good one. There is no relation exist between the variables.

Table-E 2 Contraceptives and family Planning.

For the above mentioned table, it is found that the calculated value of X^2 (2.8) less than the table value (7.8) for 3 degree of freedom at 5 per cent level of significance. Thus it is considered that the fit is a good one. There is no relation exist between the variables.