The chi-square test is a parametric statistical method used to compare the means of two or more independent groups. It assumes that the data is normally distributed and that the variances of the groups are equal. The test calculates a chi-square statistic, which represents the sum of the squared differences between the observed and expected values, divided by the expected values.

The calculated chi-square statistic is then compared to a critical value from the chi-square distribution table, which depends on the number of groups and the desired level of significance. If the calculated chi-square statistic is greater than the critical value, the null hypothesis is rejected, indicating that there is a significant difference between the group means.

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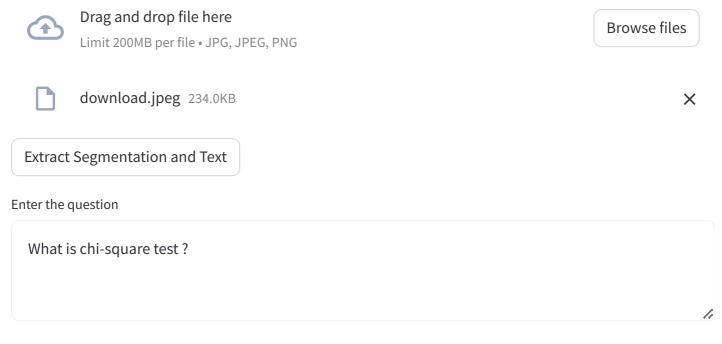
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Extracted Text: The chisquare test is a parametric statistical method used to compare the means of two or more independent groups. It assumes that the data is normally distributed and that the variances of the groups are equal. The test calculates a chirsquare statistic, which represents the sum of the squared differences between the observed and expected values, divided by the expected values. The calculated chiosquare statistic is then compared to a critical value from the chir- square distribution table, which depends on the numbers of groups and the desired level level of statistic is greater than the critical value, the null hypothesis is rejected, indicating that there is a significant difference between the group means. at national. teams. The fifa. championship. has. awarded. been. four. 1942 (1946. except in every. years. w it. not held due. when to WWII. war.

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Extract Segmentation and Text

Enter the question

What is chi-square test ?

Enter the reference answer

The chi-square test is a statistical test used to determine whether there is a significant association between two categorical variables. It is a non-parametric test, meaning it makes no assumptions about the distribution of the data. The test is based on the chi-square statistic, which measures the discrepancy between the observed and expected frequencies of the categories.

Question saved to: temporary/question.txt

Reference answer saved to: temporary/reference.txt

Grade

GRADE : 1

Feedback: The candidate's answer does not address the question about the chi-square test. It provides a definition of a different statistical test, the t-test. The answer is completely irrelevant to the question, so it receives the lowest grade of 1.