

STATISTICS WORKSHEET-5

1. Using a goodness of fit, we can assess whether a set of obtained frequencies differ from a set of frequencies. a) Mean b) Actual
c) Predicted d) Expected

Answer: c) Predicted

1. Chi-square is used to analyse a) Score b) Rank c) Frequencies d) All of these

Answer: c) Frequencies

1. What is the mean of a Chi Square distribution with 6 degrees of freedom? a) 4 b) 12 c) 6 d) 8

Answer: c) 6

1. Which of these distributions is used for a goodness of fit testing? a) Normal distribution b) Chi-squared distribution c) Gamma distribution d) Poisson distribution

Answer: b) Chi-squared distribution

1. Which of the following distributions is Continuous a) Binomial Distribution b) Hypergeometric Distribution c) F Distribution d) Poisson Distribution

Answer: c) F Distribution

1. A statement made about a population for testing purpose is called? a) Statistic b) Hypothesis c) Level of Significance d) Test Statistic

Answer: b) Hypothesis

1. If the assumed hypothesis is tested for rejection considering it to be true is called? a) Null Hypothesis b) Statistical Hypothesis
c) Simple Hypothesis d) Composite Hypothesis

Answer: a) Null Hypothesis

1. If the Critical region is evenly distributed then the test is referred as? a) Two tailed b) One tailed c) Three tailed d) Zero tailed

Answer: a) Two-tailed

1. Alternative Hypothesis is also called as? a) Composite hypothesis b) Research Hypothesis c) Simple Hypothesis d) Null Hypothesis

Answer: b) Research Hypothesis

1. In a Binomial Distribution, if 'n' is the number of trials and 'p' is the probability of success, then the mean value is given by a) np
b) n

Answer: a) np