

Question <p>_____defined as the difference between the sample statistic (s) and the population parameter being estimated (P).</p>

Question <p>A statistical test in which the critical area of a distribution is one-sided so that it is either greater than or less than a certain value, but not both is _____</p>

Question <p>A regression analysis with one explanatory variable is called a _____</p>

Question <p>One of the uses of statistics is to make a _____</p>

Question <p> Alternative hypothesis is denoted as _____</p>

Question <p>_____ is said to be a measurement of how expectations are compared to results.</p>

Question <p>The regression equation for predicting number of speeding tickets (Y) from information about driver age (X) is $Y = -.065(X) + 5.57$. How many tickets would you predict for a twenty-year-old?</p>

Question <p>_____ is a statistical process for estimating the relationship among variables.</p>

Question <p>Regression analysis is widely used for _____ and Forecasting</p>

Question <p>Regression analysis is a statistical process for estimating the relationship among _____</p>

Question <p>_____ is generally performed on a small set of data.</p>

Question <p>The calculation of sampling distribution is a step forward to look at different ways of obtaining distribution of proportion process of _____ data</p>

Question <p>If the parameters are under estimated, the sampling errors are {#1} errors while if they are over estimated, the sampling errors are {#2} errors.</p>

Question {100:SHORTANSWER:%100%Negative}

Question {100:SHORTANSWER:%100%positive}

Question <p>_____ of additivity is an approach used in ANOVA (that is a region analysis involving two qualitative factors) to detect whether the factor variables are additively related to the expected value of the response variables.</p>

Question <p>_____ is a statistical test that is used on paired nominal data</p>

Question <p>_____ statistics are collections of test statistics that is used for the analysis of stratified categorical data</p>

Question <p>_____ occurs when/if an hypothesis (Null hypothesis) is rejected when it should be accepted and this occurs when the hypothesis value falls within acceptance region..</p>

Question <p>A _____ can said to be a measurement of how expectations are compared to results.</p>

Question <p>Type 2 error is a situation when one accepts the hypothesis when it should be _____</p>

Question <p style="text-align:justify">An _____ can be defined as any statistical test in which the test statistics has an F distribution under a null hypothesis situation and it is usually used when comparing statistical models in a data set so that we can identify the mode that best fits the population where the data were sampled</p>

Question <p>The probability (or risk) of committing type 2 error is denoted by the Greek letter _____</p>

Question <p>A t-test is any statistical test in which the test statistic follows a student's t _____ if the null hypothesis is supported.</p>

Question <p>A _____ is the set of all possible values of a particular statistic</p>

Question <p>A _____ connects the midpoints of the tops in the histogram</p>

Question <p>The probability (or risk) of committing type 1 error on a true null hypothesis is denoted by the Greek letter _____</p>

Question <p>Matching is carried out by identifying pairs of values consisting of one observation from each of the two _____</p>

Question <p>In an experimental research, the scientist may have two groups, an experimental group and a _____</p>

Question <p>The explained variable from the equation $Z = B_0 + B_1X_1 + B_2X_2$ is _____</p>

Question <p>Interval estimation involves estimating an interval which is known as _____</p>

Question <p>Another technique that can be employed with respect to the issue of rejecting or accepting H_0 is _____</p>

Question <p>The _____ curve is one of the most popular models used in statistical tests of hypothesis</p>

Question <p>The standard deviation of the sampling distribution is known as the _____</p>

Question <p>The two tailed test gets its name from testing the area under both of the tails (sides) of a _____</p>

Question <p>The one tailed test gets its name from testing the area under one of the tails (sides) of a _____</p>

Question <p>In test of hypothesis, the maximum probability of risking a type 1 error is known as the _____</p>

Question <p>A _____ distribution is a probability distribution that has a probability density function.</p>

Question <p>The values of a parameter and that of the corresponding statistics are not always the same _____</p>

Question <p>A regression analysis is inappropriate when _____</p>

Question <p>_____ measure is the standard way of assigning a measure to a subsets of an n-dimensional volume</p>

Question <p>When a die is thrown once, the probability of getting one is

Question <p>Probability distributions is used for so many purpose such as _____</p>

Question <p>_____ is a tentative statement in a statistical analysis</p>

Question <p>_____ shows the distributions of probabilities associated with values or ranges of a random variable.</p>

Question <p>The two types of hypothesis are _____ and _____ hypothesis</p>

Question <p>Three out of the 9 finalists in an African American beauty competition are Nigerians. If two winner are to be selected, find the probability that; at least one of them would be a Nigerian.</p>

Question <p>When an equation is in a general term in a multinomial expansion it is called _____</p>

Question <p> H_{1} in hypothesis testing is _____</p>

Question <p>If an individual were selected at random from a large group of adult females, the probability that it has height M is precisely 68 inches (that is 68.00 inches) would be zero. What is the probability that M is between 67.00 inches and 68.00 inches. </p>

Question <p>_____ is a random variables that we assigns a probability to each possible value</p>

Question <p>In a statistics examination for secondary students, the 23 females used in the study has a mean score of 81 and a variance of 12 while the 20 males used has a mean score of 78 and a variance of 10. Do you think gender have an effect on the score of the secondary student at 99% level significance?</p>

Question <p>The Cauchy distribution is named after _____</p>

Question <p>A _____ is any statistical test in which the test statistic follows a student's t distribution if the null hypothesis is supported.</p>

Question <p>_____ error occurs when/if an hypothesis is rejected when it should be accepted</p>

Question <p>The numerical value of the decision rule is called _____</p>

Question <p>A coin also has a uniform distribution because the _____ in a coin toss is the same</p>

Question <p>Calculate the variance of uniform distribution given that $(a + b) = 6/200$ and $b = 2.20$ while $a = 1.10$ </p>

Question <p>An F test is a statistical test in which the test statistics has _____ distribution under a null hypothesis situation</p>

Question <p>In statistical analysis the 99% confident level is also known as _____</p>

Question <p>Null hypothesis is denoted as _____</p>

Question <p>A deck of cards has a uniform distribution because the likelihood of drawing a heart, a club, a diamond or spade is equally _____</p>

Question <p>_____ is used to determine all reasonably likely values of the difference between two population means</p>

Question <p style="text-align:left">A graph for frequency distribution can be supplied by a ____</p>

Question <p> H_0 in hypothesis testing is a ____</p>

Question <p>When a random variable takes values from a continuous probabilities that are non- zero, this can only refer to ____</p>

Question <p>____ statistical test in which the critical area of a distribution is one-sided</p>

Question <p>One-tailed tests are used for asymmetric distributions that have a ____</p>

Question <p>____ are those parameters that are used in estimating variables of selected population parameters.</p>

Question <p>The t-statistics was introduced in ____ </p>

Question <p>____ test is used when testing for independence in a contingency table </p>

Question <p>The t-statistic was introduced by Willian Sealey Gosset, a ____ working for Guinness Brewery in Dublin Finland</p>