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reviewer4@nptel.iitm.ac.in ▼

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Assignment 9

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2019-04-03, 23:59 IST.**

1) The t distribution are 1 point

- a) Same as normal curve
- b) Skewed
- c) Symmetrical
- d) None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

c) Symmetrical

2) Which of the following is true of the null and alternative hypotheses? 1 point

- a) Exactly one hypothesis must be true
- b) both hypotheses must be true
- c) It is possible for both hypotheses to be true
- d) It is possible for neither hypothesis to be true

No, the answer is incorrect.

Score: 0

Accepted Answers:

a) Exactly one hypothesis must be true

3) Smaller p-values indicate more evidence in support of: 1 point

- a) the null hypothesis
- b) the alternative hypothesis
- c) the quality of the researcher
- d) further testing

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Assignment 9

Solution-
Assignment 9

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- a) analyzing the difference between more than two population means
- b) analyzing the results of a two-tailed test
- c) analyzing the results from a large sample
- d) analyzing the difference between two population means

No, the answer is incorrect.

Score: 0

Accepted Answers:

a) analyzing the difference between more than two population means

- 5) Typically one-way ANOVA is used in which of the following situations? **1 point**
- I. there are several distinct populations
- II. there are two sample populations over 4000
- III. randomized experiments
- IV. randomly selected populations

- a) All of the above
- b) II and III only
- c) I, II, and III only
- d) I, and III only

No, the answer is incorrect.

Score: 0

Accepted Answers:

d) I, and III only

- 6) A p-value is considered "convincing" if it is: **1 point**

- a) less than 0.01
- b) between 0.01 and 0.05
- c) 0.05 and 0.10
- d) greater than 0.10

No, the answer is incorrect.

Score: 0

Accepted Answers:

a) less than 0.01

- 7) If a researcher takes a large enough sample, he/she will almost always obtain: **1 point**

- a) practically significant results
- b) consequentially significant results
- c) statistically significant results
- d) virtually significant results

No, the answer is incorrect.

Score: 0

Accepted Answers:

c) statistically significant results

- 8) The null and alternative hypotheses divide all possibilities into: **1 point**

- a) two sets that overlap
- b) two non-overlapping sets
- c) two sets that may or may not overlap
- d) as many sets as necessary to cover all possibilities

No, the answer is incorrect.

Score: 0

Accepted Answers:

b) two non-overlapping sets

9) The value set for α is known as:

1 point

- a) the acceptance level
- b) the significance level
- c) the error in the hypothesis test
- d) the rejection level



No, the answer is incorrect.

Score: 0

Accepted Answers:

b) the significance level

10) Which of the following tests are used to test for normality?

1 point

- a) A t-test and an ANOVA test
- b) An Empirical CDF test and an F-test
- c) A Chi-Square test and a Lilliefors test
- d) A Quantile-Quantile plot and a p-value test



No, the answer is incorrect.

Score: 0

Accepted Answers:

c) A Chi-Square test and a Lilliefors test

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