

CS381/780 Data Analytic Review Quiz 4

Instruction: For multiple choice questions, clearly circle one of the choice; for all other questions, write your answer right below the questions. All questions carry the same weights.

Name:

Question 1: Which of the following statements is/are true about Type-1 and Type-2 errors?

1. Type-1 error occurs when we rejects a null hypothesis when it is actually true
2. Type-2 error occurs when the prediction is positive while the actual case is negative
3. Type-2 error means the prediction is wrong from the actual case

- A. Only 1
- B. Only 2
- C. 1 and 2
- D. 1 and 3
- E. 2 and 3

Question 2: If two variables depends on each other, their correlation cannot be zero because there are some dependence of one on the other (even though the effect may be small)

- A. True
- B. False

Question 3: What are the pro and cons of using deletion (ie dropping the data row) for fixing missing values?