

1. Bernoulli random variables take (only) the values 1 and 0.

ANS: a) True

2. Which of the following theorem states that the distribution of averages of iid variables, properly normalized, becomes that of a standard normal as the sample size increases?

ANS: a) Central Limit Theorem

3. Which of the following is incorrect with respect to use of Poisson distribution?

ANS: b) Modeling bounded count data

4. Point out the correct statement.

ANS: d) All of the mentioned

5. _____ random variables are used to model rates.

ANS: c) Poisson

6. Usually replacing the standard error by its estimated value does change the CLT.

ANS : b) False

7. Which of the following testing is concerned with making decisions using data?

ANS : b) Hypothesis

8. Normalized data are centered at _____ and have units equal to standard deviations of the original data.

ANS: a) 0

9. Which of the following statement is incorrect with respect to outliers?

ANS: c) Outliers cannot conform to the regression relationship