Abubakar Badamasi

18/mhs07/053

Pharmacology

300level

STAT312

Assignment

1. Hypothesis testing is simply defined as a statement about one or more population set up for the purpose of being discredited or approved.

2. The P-value approach has the advantage in that you just need to compute one value, the P-value, to do the test. For the critical value approach, you need to compute the test statistic and find the critical value corresponding to the given confidence or significance level

\_ . As we know critical value is a point beyond which we reject the null hypothesis. P-value on the other hand is defined as the probability to the right of respective statistic (Z, T or chi).

3. hypothesis testing is obtaining data and comparing it to what an hypothesis predicts it should be and hypothesis testing is important because- it allow an orderly process by which the scientists can select the hypothesis that is most likely to be correct.