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17/MHS07/008

PHARMACOLOGY

300 LEVEL

STA 312- DEMOGRAPHY AND BIOSTATICS

1. **DEFINITION OF HYPOTHESIS TESTING**

A hypothesis may be defined simply as a statement about one or more population set up for the purpose of being discredited or approved.

2. **DIFFERENCE BETWEEN CLASSICAL AND P-VALUE HYPOTHESIS TESTING APPROACH**

Classical statistical hypothesis testing approach involves the test of a null hypothesis against an alternative hypothesis while p-value statistical hypothesis testing approach determines whether the computed value of a test statistic is at least as extreme as a specified value of the test statistic when the null hypothesis is true.

3. **IMPORTANCE OF HYPOTHESIS TESTING**

The purpose of hypothesis testing is to assist administrators, clinicians and researchers in making wise decisions which usually depend on the statistical decisions.