

1.5 Statistical Analysis in Psychology
L. Apply basic descriptive statistical concepts, including interpreting and constructing graphs and calculating simple descriptive statistics.
Measures of central tendency, variation(range, standard deviation), correlation coefficient, frequency distribution (normal, bimodal, positive skew, negative skew.)
M. Distinguish the purposes of descriptive statistics and inferential statistics.

Descriptive Statistics

Inferential Statistics

Measures of Central Tendency

Mean

Median

Mode

Distributions

Measures of Variance

Measures of Variance

T-test and P-value

Normal Distributions