Solution

# Hypothesis Tests

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test | Normal | Non-Normal | Both Discrete | Both Continuous | One Discrete and One Continuous | One variable or sample | Two variables or samples | More than two variables or samples |
| Bartlett’s Test | X |  |  |  | X |  | X | X |
| Chi-Square | X | X | X |  |  |  | X | X |
| Correlation | X | X |  | X |  | X |  |  |
| F Test | X |  |  |  | X |  | X |  |
| Friedman |  | X |  |  | X |  | X | X |
| Kruskal-Wallis |  | X |  |  | X |  | X | X |
| Levene’s Test |  | X |  |  | X |  | X |  |
| Mann-Whitney |  | X |  |  | X |  | X |  |
| Mood’s Median |  | X |  |  | X |  | X | X |
| Multiple Regression | X | X |  | X |  |  | X | X |
| One Sample Sign Test |  | X |  |  | X | X |  |  |
| One Sample T-Test | X |  |  |  | X | X |  |  |
| One Sample Test of Proportions | X | X | X |  |  | X |  |  |
| One Sample Wilcoxon |  | X |  |  | X | X |  |  |
| One-way ANOVA | X |  |  |  | X |  | X | X |
| Paired T-Test | X |  |  |  | X |  | X |  |
| Simple Linear Regression | X | X |  | X |  | X |  |  |
| Two Sample T-Test | X |  |  |  | X |  | X |  |
| Two Sample Test of Proportions | X | X | X |  |  |  | X |  |