<table>
<thead>
<tr>
<th>Type of Statistical Problem</th>
<th>Binomial</th>
<th>Nominal Categories</th>
<th>Continuous or Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>One Sample</strong></td>
<td>Binomial Test (11.3)</td>
<td>Chi-Square Goodness-of-Fit Test (5.3)</td>
<td>Tests for Goodness-of-Fit (5.3)</td>
</tr>
<tr>
<td></td>
<td>Binomial C.I. (11.3)</td>
<td>Kolmogrov-Smirnov Goodness of Fit Test for Multinomial Distribution (5.4)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Binomial Power (31.3)</td>
<td>Test of Homogeneity of Poisson Rates (11.5)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Runs Test (5.7)</td>
<td>Poisson C.I. (11.5)</td>
<td></td>
</tr>
</tbody>
</table>

| **Two Related Samples**     | Conditional Inference Test (6.4) | Sign Test (6.4) | Wilcoxon Signed Rank Test (6.5) |
|                            | McNemar’s Test (6.8) | Marginal Homogeneity Test (6.9) | Hedges-Lehmann C.I. for Median (6.6) |
|                            | C.I. on Odds Ratio (13.3) | Tests for Location | |
|                            | C.I. on Diff of Proportions (13.3) | Tests for Location | |
| **Two Independent Samples: Unstratified** | Conditional Inference Test (6.4) | Fisher’s Exact Test (14.3) | Wilcoxon Mann Whitney Test (7.4) |
|                              | Barnard’s Test of Superiority (14.3) | Pearson’s Chi-Square Test (14.3) | Normal Scores Test (7.6) |
|                              | C. I. for P2-P1 & P2/P1 using 1 & 2 sided tests and Standardized Score Statistics (14.3) | Likelihood Ratio Test (20.6) | Savage Scores Test (7.7) |
|                              | Test for Non-Inferiority (14.3) | Likelihood Ratio Test (12.3) | Permutation Tests with MERT Scores (12.4) |
|                              | Test of Equivalence (14.3) | C.I. for Poisson Rate-Ratio (12.3) | Equity Ratio (12.4) |

| **Two Independent Samples: Stratified** | Test of Homogeneity of Odds-Ratios (16.4) | Wilcoxon Rank Sum Test (18.4) | Tests for Complete Data (18.4) |
|                                          | Test for Common Odds-Ratio (16.5) | Normal Scores Test (18.5) | Normal Scores Test (18.5) |
|                                          | C.I. for Common Odds-Ratio (16.5) | Savage Scores Test (18.6) | Savage Scores Test (18.6) |
|                                          | Poisson Samples | Permutation Tests with MERT Scores (18.7) | |

| **K Related Samples: Unordered Treatments** | Cochran Q Test (8.5) | Friedman Test (8.4) | Friedman Test (8.4) |
|                                             | Page Test (8.9) | Friedman Aligned-Rank Test (6.7) | Friedman Aligned-Rank Test (8.7) |

| **K Related Samples: Ordered Treatments** | Fisher-Freeman-Halton Test (20.7) | Median Test (6.4) | Tests for Complete Data (6.4) |
|                                            | Pearson’s Chi-Square Test (20.6) | Wilcoxon Rank Sum Test (18.5) | Normal Scores Test (18.5) |
|                                            | Likelihood Ratio Test (20.6) | Normal Scores Test (21.6) | Savage Scores Test (21.7) |
|                                            | Fisher’s Exact Test (20.5) | Savage Scores Test (21.7) | | |
|                                            | Likelihood Ratio Test (20.6) | One-Way ANOVA (21.8) | | |
|                                            | CMH Test for stratified data (23.3) | CMH Test for stratified data (23.3) | | |

| **K Independent Samples: Unordered Treatments (with or without stratification)** | Cochran-Armitage Trend Test (17.3) | Jonckheere-Terpstra Test (22.5) | Tests for Censored Survival Data (22.5) |
|                                                                                  | Test of Interaction (17.7) | Linear by Linear Assoc. Test (22.6) | Linear by Linear Association Test (9.10) |
|                                                                                  | Trend Test for Clustered Data (17.8) | Wilcoxon Rank Sum Test (25.6) | Tests for Censored Survival Data (9.10) |
|                                                                                  | Jonckheere-Terpstra Test (9.9) | Wilcoxon Rank Sum Test (25.6) | Tests for Censored Survival Data (9.10) |

| **Analysis of Two Samples Correlated Data** | Test of Correlation (25.3) | Wilcoxon Rank Sum Test (25.6) | Wilcoxon Rank Sum Test (25.6) |
|                                             | Test of Trend on K binomials (25.4) | Normal Scores Test (25.6) | Normal Scores Test (25.6) |
|                                             | Test for Trend for Multiple Binary Endpoints Data (25.5) | Savage Scores Test (25.6) | Savage Scores Test (25.6) |

| **Analysis of K Samples Correlated Data** | Pearson’s Chi-Square Test (26.4.1) | Kendall’s Tau (27.6) | Pearson’s Product-Moment CC (27.3) |
|                                           | Fisher’s Exact (26.4.2) | Savage Scores Test (26.5.3) | Spearman’s Rank-Order CC (27.4) |
|                                           | Likelihood Ratio Test (28.4) | Permutation Test (25.6) | Kendall’s Tau (27.6) |

| **Measures of Association** | Contingency Coefficients (28.3) | Goodman-Kruskal Tau (28.4) | Kendall’s Tau (27.6) |
|                            | Uncertainty Coefficients (28.4) | Goodman-Kruskal Gamma (27.7) | Kendall’s Coefficient of Concordance (8.5) |
|                            | Pearson’s Product-Moment CC (27.3) | Pearson’s Product-Moment CC (27.3) | |
|                            | Spearman’s Rank-Order CC (27.4) | Kendall’s Tau (27.6) | Kendall’s Tau (27.6) |
|                            | Goodman-Kruskal Gamma (27.7) | Goodman-Kruskal Gamma (27.7) | |
|                            | Kendall’s Coefficient of Concordance (8.5) | Kendall’s Coefficient of Concordance (8.5) | |

| **Measures of Agreement** | Cohen’s Kappa (29.3) | Cohen’s Kappa (29.3) | Weighted Kappa (29.4) |
|                          | Weighted Kappa (29.4) | Tests for K binomial samples (33.3) | Linear Rank Tests on Two Multinomial Samples (33.3) |

| **Power and Sample Size** | Pearson’s Chi-Square, Likelihood Ratio & Fisher’s Exact Test, Boschloch (32.3) | Test of trend on N binomials | |
|                          | Superiorty, Non-Inferiority and Equivlence: Difference & ratio (32.3) | MCMC Inference (32.3) | Power & Sample Size estimation (32.3) |

| **Inference for Genetic Data** | Family Based Association Test (31) | Cohens’ Kappa (29.3) | | |

<table>
<thead>
<tr>
<th><strong>Volume Contents</strong></th>
<th>Chapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4 to 14</td>
</tr>
<tr>
<td>2</td>
<td>15 to 35</td>
</tr>
</tbody>
</table>