

Statistical Tests

These will all perform calculations and then place the results in the Results Log window. They need varying numbers of data samples, eg the **Descriptive Statistics** (count, range, mean, etc) can be calculated from any data set, but the **Contingency** calculations (using chi-square probabilities) need specific tabulated data. Consult the individual test listings below to understand the workings of these tests.

In general, you will need to enter data in the spreadsheet, then select the analysis you wish to do, and after choosing the column title(s) from the list box, and any options, and clicking **Apply** or **Do One**, the answers will be placed in the Results window. The analysis options available will vary depending upon the version of SchoolStat™ you are using.

To choose more than one sample title in the scrolling list part of the dialog box for any of these tests, click the first title needed, then subsequent ones holding down the **Command-key**. In some, eg **Descriptive Statistics**, you can select more than 2 samples, and holding the **Shift-key** when clicking will select a range of sample titles.

If you have customized the **Stats** menu within the **Preferences...** menu option (**File** menu), then some of these will not be available. To reactivate them, uncheck the box in the **Preferences** dialog box. The **Results Horizontal** check box seen in all tests does the same as the **Prefer Results as Tables** check box in the **Preferences** dialog box. These are useful for doing multiple analyses, for you can then edit the results in the text editor, eg delete redundant lines (triple click in a line to select it completely), to make neat columns.

If you have empty cells in the data you are analyzing, then note that these will not be used in the calculations. Never leave more than one empty cell in any column, since SchoolStat™ will think there are no more data in that column beyond those 2 cells, and will not use any more distant data.