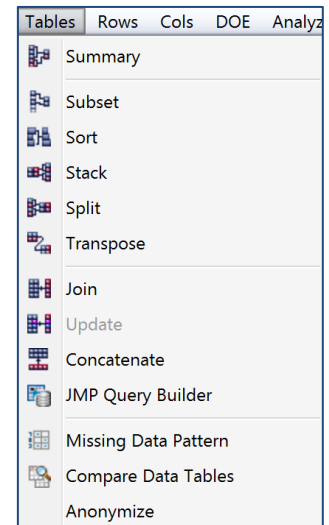


# JMP® Tables Menu

This guide provides information on the structure, components and information contained in JMP data tables along with some tools useful for cleaning and preparing data for analysis.

## The Tables Menu Functions

- Summary – Calculates summary statistics for columns in the active data table.
- Subset – Creates a new table that is a subset of the active table.
- Sort – Sorts a table by one or more columns.
- Stack – Stacks separate columns into one new column.
- Split – Splits a column into multiple columns.
- Transpose – Creates a table whose columns were the rows in the original table.
- Concatenate – Combines tables end to end (bottom to top).
- Join – Combines tables side by side.
- Update – Updates a table with values from a second table.
- Missing Data Pattern – Allows you to explore patterns in missing data.
- Compare Data Tables – Identifies differences between two open data tables.

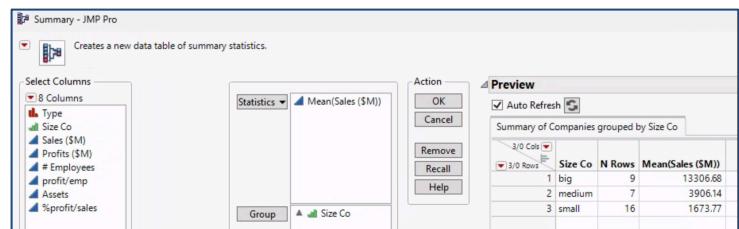
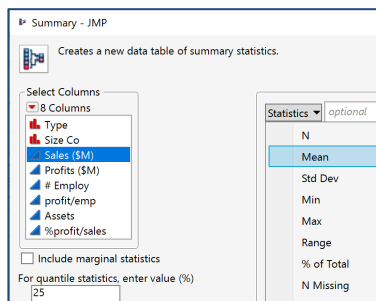


## Summarizing Data with the Summary Function

1. From an open JMP data table, select **Tables > Summary**.
2. Select one or more variables from **Select Columns**. Then, click on **Statistics** and select a statistic. Repeat for each statistic desired. A Preview of the resulting data table will be displayed on the right.
3. To create a row for combinations of grouping variables, select the variable(s) from **Select Columns**, and click **Group**. An option to Preview the data table that will be created is shown on the right.

Example:

Companies.jmp  
(Help > Sample  
Data Folder)



4. Click **OK** to create the new data table.

- The summary table has three rows, one for each category of the Group variable (Size Co, in this example).
- N Rows shows the number of rows of each category that were in the original table.
- Mean (Variable), the statistic we selected, is shown in the third column - Mean(Sales (\$M)).

Size Co	N Rows	Mean(Sales (\$M))
1 big	9	13306.68
2 medium	7	3906.14
3 small	16	1673.77

Notes: Summary statistics can also be created using **Analyze > Distribution** and **Analyze > Tabulate**.