JMP® 13
Macintosh Menu Descriptions

JMP Menu

Item	Description
About JMP *Pro*...	Displays product version, registration, user and system information, the JMP web page link, and more. (*Pro* is displayed in the menu item when you are using JMP Pro.)
U.S. Government Notice	Displays the U.S Government restricted rights notice.
Preferences...	Lets you specify options and settings for start-up items, reports, tables, analysis platforms, import and export settings, graphic formats, fonts, SAS integration, and more. Also lets you reset defaults.
Services	Shows available Mac OS X services.
Hide JMP	Removes the JMP application from view.
Hide Others	Removes all other applications from view, leaving only JMP visible.
Show All	Brings all open applications into view.
Quit JMP	Closes all JMP windows and quits JMP. Prompts you to save new or changed JMP files. Also asks whether you want to save the session script.

File Menu

Item	Description
New	Creates a new data table, script, journal, database query, application, dashboard, or add-in.
Open...	Locates and opens files of various types.
Open Recent	Displays a list of the most recently opened files. The Clear Menu option at the bottom of the list lets you clear the list.
Close	Closes the active window. Prompts you to save changes.
Close Multiple...	Lets you choose which open windows to close. Prompts you to review the modified documents.
Save	Writes the active window to a file with the appropriate extension. Hold down the CTRL and SHIFT keys and select Save Selection As to save the highlighted portion of an analysis window in a graphic format. Hold down the OPTION key and select Save All to save the content in all open JMP windows.
Save As...	Writes the active window to a file after prompting you for a filename and folder.
Revert to Saved	Restores the current JMP file to its last saved condition.
Export...	Exports data into text, Microsoft Excel, SAS data set, and SAS Transport file formats. Exports reports into text, images, HTML, interactive HTML with dynamic graphics, RTF, and Microsoft PowerPoint formats. Exports a JMP application source file as an application that runs when opened in JMP, or exports the JMP application as a JSL file.

File Menu

Item	Description
Database	Opens the Query Builder for interactively building SQL queries; opens a connection to any database on your system that has an ODBC driver; and opens or saves a data table.
SAS	Connects to a SAS server; lets you browse and run SAS stored processes or open SAS data files and folders; opens the SAS Query Builder for interactively building SQL queries; provides an editor window; sends SAS code from JMP to the currently active SAS server; opens SAS Log and Output windows; and exports data to SAS.
Internet Open...	Opens remote files in a browser or text editor window, and opens an HTML table as a data table. Also lets you open JMP tables and run scripts from a Uniform Resource Locator (URL).
Page Setup...	Displays the standard window for setting printed page properties.
Print...	Prints the active window.
Save Session Script...	Creates a JMP Scripting Language (JSL) script to re-open all currently open files and re-run all currently open analyses and graphs.

Edit Menu

Item	Description
Undo	Cancels the effect of the most recent reversible Edit, Rows, or Columns command.
Redo	Reverses the most recent Undo command.
Cut	Copies selected data table cells to the clipboard and replaces the data with missing values. In reports and other windows, copies selected content to the clipboard.
Copy	Copies selected data table cells to the clipboard. In reports and other windows, copies selected content to the clipboard.
Copy With Column Names	Copies selected data table cells and column names to the clipboard.
Copy As Text	Copies all text (but no graphs), or text selected using the selection tool, from the active report window to the clipboard.
Paste	Copies content from the clipboard into the open window.
Paste With Column Names	Copies data from the clipboard into the active data table. Converts text on the first line of the clipboard to column names.
Delete	Removes selected data table cell contents and adds missing values. In journal, layout, and script windows, removes selected content.
Select All	Selects all rows in a data table. In reports and other windows, selects all content when one item is selected.
Search	Finds and replaces text in data tables and scripts.
Reformat Script	Adds tab and return characters where appropriate to reformat a script.
Go To Line...	Scrolls to a specific line number in a script.

Edit Menu (continued)

Item	Description
Balance	Selects all text within a pair of brackets that include the cursor. Only available if a script window is active.
Shift Right	Shifts selected lines in a script to the right.
Shift Left	Shifts selected lines in a script to the left.
Encrypt Script...	Places encoding in a script so that you must have the password to open or run the script. Only available if an unencrypted script is in the active window.
Decrypt Script...	Lets you open or run an encrypted script. Only available if an encrypted script is in the active window.
Import as Data	Imports text-formatted data using the Import Settings in JMP > Preferences > Text Data Files. Before invoking the Import as Data command, you must paste the data into a script window, and that window must be active.
Stop Script	Stops running a JSL script.
Run Script	Processes JSL commands entered in the script window. You are prompted to select a data table, if none are opened. If several data tables are opened, the script is run on the last table that you opened. Otherwise, the script is run on the only open table. When a script is being run, this option changes to *Stop Script*.
Debug Script	Lets you troubleshoot script errors in a new script window.
Submit to SAS	Connects to a specified SAS server and submits SAS code directly from JMP.
Journal	Copies output from a data table or report window to a journal window. Lets you save reports, add notes, and organize output.
Layout	Copies output from a data table or report window to a layout window, where you can rearrange report elements for printing or presentations.
Emoji & Symbols	Enables you to insert special characters into a JMP file.

Tables Menu

Item	Description
Summary	Creates a table that contains user-specified summary statistics calculated from the active data table.
Subset	Creates a new data table that is a subset of the active data table and can be linked to the original table.
Sort	Sorts a JMP data table by one or more columns. This creates a new data table, or you can replace the original table with the sorted table.
Stack	Stacks specified columns into one or more new columns in a new data table.
Split	Splits one or more columns, according to values in a Split By column, to form multiple columns in a new data table.

Tables Menu (continued)

Item	Description
Transpose	Creates a new data table where the data in the selected columns of the original table are arranged in rows. This equates to switching the rows and columns in the original selection.
Join	Adds columns from a second table to the main table, using row number or matching columns, or by forming a Cartesian join.
Update	Replaces data in the active table with data from a second table without producing a new table.
Concatenate	Stacks two or more tables on top of each other by matching column names.
JMP Query Builder	Interactively queries one or more data tables to create a new data table.
Missing Data Pattern	Describes the missing data in your table in terms of the columns where it is missing.
Compare Data Tables	Compares the numbers of columns and rows, table properties and scripts, column attributes and properties, and data in two open data tables.
Anonymize	Removes unique identifiers from the data table or specific columns.

Rows Menu

Item	Description
Hide and Exclude	Hides and excludes selected rows in plots and analyses.
Exclude/Unexclude	Excludes or includes selected rows in analyses.
Hide/Unhide	Hides or shows selected points in all plots.
Label/Unlabel	Labels or unlabels selected points in all plots.
Colors	Changes selected points in all plots to a specified color.
Markers	Replaces selected points in all plots with symbols that you select.
Next Selected	Locates and flashes the first selected row in a data table after the current row.
Previous Selected	Locates and flashes the first selected row in a data table before the current row.
Row Selection	Provides several options for selecting rows based on one or more conditions.
Clear Row States	Clears all active row states in the data table.
Clear Selected Row States	Clears all selected row states in the data table.
Color or Mark by Column...	Assigns colors or markers to rows based on values in a selected column.
Row Editor	Opens a window that lets you edit cells in a row. Helps you select rows and create new rows.
Delete Rows	Removes all selected rows from the data table.
Add Rows...	Adds rows to a specified location in the data table.
Move Rows...	Moves selected rows to a specified location in the data table.

Item	Description
Data Filter	Selects, shows, or includes rows based on conditions on the values of specified columns.

Cols Menu

Item	Description
New Columns...	Adds a new column, and lets you name the column and change attributes and properties.
Column Selection	Highlights and scrolls to the specified column. Locates and flashes the first or next selected column in a data table after the current column. Selects the previously deselected columns.
Reorder Columns	Moves the selected column to the specified location. Rearranges columns by the original order, name, data type, modeling type, or in reverse order.
Column Info...	Displays and allows changes to column name, attributes, and properties for selected column or columns.
Standardize Attributes...	Sets attributes and properties for multiple columns at once.
Preselect Role	Assigns an analysis role, which can be saved with the data table, to selected column or columns.
Formula...	Shows the formula editor window for selected column or columns.
Label/Unlabel	Tells JMP whether to use values from the selected column or columns to identify points in plots when the cursor is placed near them. To display labels for points on plots, the corresponding rows must have a label row state.
Scroll Lock/Unlock	Locks or unlocks selected columns into or from the left-most position in the table. Locking a column keeps its contents visible when you scroll horizontally.
Hide/Unhide	Hides or shows selected columns without removing them from the table. Retains them in analyses.
Exclude/Unexclude	Excludes or includes selected columns in analyses.
Recode	Enables you to edit and group similar values in a column.
Columns Viewer	Provides a quick way to view columns using specific criteria (such as column names, properties, and attributes). You can then view summary statistics and properties for those columns, view quartiles in the summary statistics, show the columns in a separate data table, and more.
Utilities	Restructures data. Compresses columns, converts a column of delimited data to multiple columns, creates indicator columns, combines columns, and customizes binned data.
Group Columns	Groups columns under one heading to manage large numbers of columns and facilitate analysis role assignment. Grouped columns are shown in outline view under a gray disclosure icon in the columns panel.
Ungroup Columns	Removes the grouping heading and displays individual column names in column panel and analyses.
Delete Columns	Removes selected columns from the data table.

DOE Menu

Item	Description
Custom Design	Creates D-optimal and I-optimal designs for a wide range of design situations and constraints.
Augment Design	Adds runs to an existing design in an optimal fashion. Provides various choices for how to add these runs.
Definitive Screening	• Definitive Screening Design creates a design with three levels for every quantitative factor. Main effects are independent of two-factor interactions, and two-factor interactions are not confounded with each other. • Fit Definitive Screening provides options for modeling definitive screening designs.
Classical	• Screening Design constructs classical and main effects screening designs. The factors can be 2-level continuous, discrete numeric, and categorical factors with an arbitrary number of levels. • Response Surface Design generates a list of classical response surface designs for the specified number of continuous factors and creates the chosen design. • Full Factorial Design creates a design using all combinations of factor levels for a set of continuous and categorical factors with an arbitrary number of levels. • Mixture Design creates a design that is appropriate when the factors are components in a mixture. Some design types accommodate linear constraints. • Taguchi Arrays constructs a Taguchi design. Signal and noise factors, a choice of inner and outer array designs, and signal-to-noise ratios are supported.
Design Diagnostics	• Evaluate Designs evaluates designs for any table treated as a design. You can modify the model terms and the aliasing terms, and the diagnostics update accordingly. • Compare Designs compares two or three designs simultaneously to explore and evaluate their performance. Provides diagnostics that show how the designs perform relative to each other as well as how they perform in an absolute sense. • Sample Size and Power computes power, sample size, and effect size for means, variance, proportions, and counts. The platform also computes sigma quality level and more.
Consumer Studies	• Choice Design creates an optimal discrete choice conjoint experimental design. These designs are useful in studies where users are asked to specify preferences relative to combinations of product or service features. • MaxDiff Design constructs a design consisting of choice sets that can be presented to respondents as part of a study where respondents specify most and least preferred combinations of features.
Special Purpose	• Covering Array creates a design for testing systems where failures occur as a result of interactions among components or subsystems (JMP Pro). • Space Filling Design creates a design that is appropriate when modeling deterministic or nearly deterministic systems, such as computer simulations. • Accelerated Life Test Design constructs tests based on one or two accelerating factors with either a main effects model or an interaction model for the latter. • Nonlinear Design creates an optimal design for estimating the parameters of a nonlinear model.

Analyze Menu

Item	Description
Distribution	Provides a histogram for continuous data and a bar chart for nominal or ordinal data, along with relevant summary statistics. Presents options for many one-sample analyses, based on modeling type.

Item	Description
Fit Y by X	Shows plots that describe the relationship between any two variables. Provides two-sample analyses based on the modeling types of the two variables, such as bivariate, oneway, logistic, and contingency analysis.
Tabulate	Constructs tables of descriptive statistics using an interactive interface.
Text Explorer	Analyzes pieces of unstructured text, such as comment fields in surveys or incident reports, enabling you to interact with the text data with tools to consolidate similar terms, recode misspecified terms, and gain understanding of the underlying patterns in your textual data. (Analytics are available in JMP Pro.)
Fit Model	Fits models involving one or more Y variables and multiple X variables. Techniques include standard least squares, stepwise, generalized regression (JMP Pro), mixed models (JMP Pro), MANOVA, loglinear variance, logistic, proportional hazards, parametric survival, generalized linear models, partial least squares (JMP Pro), and response screening.
Predictive Modeling	Offers predictive modeling techniques: neural, partition analysis, bootstrap forest (JMP Pro), boosted tree (JMP Pro), K nearest neighbors (JMP Pro), naive Bayes (JMP Pro), and model comparison (JMP Pro). The menu also provides options to make validation columns and access prediction models that you saved in the Formula Depot (JMP Pro).
Specialized Modeling	Offers specialized modeling techniques: nonlinear, Gaussian process, time series, fitting a model to a 2-level screening design, fitting a model to a definitive screening design, and matched pairs.
Screening	Offers techniques for screening large data sets, including analyzing outliers and missing values. Response Screening automates the process of conducting tests across a large number of responses. Process Screening addresses process stability and capability for large numbers of processes, presenting summary statistics in a compact tabular format. Predictor Screening is useful in screening a data set for significant predictors. Association Analysis analyzes transaction (market basket) data to identify items that appear together in transactions (JMP Pro).
Multivariate Methods	Offers techniques for exploring relationships among multiple variables: multivariate fitting, principal components, discriminant analysis, and partial least squares.
Clustering	Offers techniques for clustering: hierarchical clustering, K means clustering, normal mixture clustering, clustering rows based on categorical variables using multinomial mixtures (latent class analysis), and clustering variables into groups of highly correlated variables.
Quality and Process	Offers techniques for evaluating quality-related issues in processes or products: control charts (including an interactive control chart builder), measurement systems analysis, variability and attribute gauge charts, process capability analysis (including capability for non-normal process measurements), Pareto plots, and fishbone (Ishikawa Cause and Effect) diagrams.
Reliability and Survival	Offers techniques for fitting survival and reliability data: life distribution, fit life by x, cumulative damage, recurrence analysis, degradation and destructive degradation, reliability growth and forecasting, reliability block diagrams (JMP Pro), repairable systems simulation (JMP Pro), product-limit survival fit, parametric survival distributions, and proportional hazards modeling.
Consumer Research	Provides methods for studying consumer preferences. Options include categorical response survey analysis, multiple correspondence analysis, multidimensional scaling, factor analysis, choice models, MaxDiff analysis, uplift models for identifying the positive effects of marketing actions (JMP Pro), and item analysis.

Graph Menu

Item	Description
Graph Builder	Provides an interactive interface to create flexible trellis displays that are useful for visualizing multivariate data. Plots can be conditioned on discrete and continuous variables and include dot plots, smooth curves, normal density ellipses, box plots, lines, bar charts, and histograms. Available plots include contour plots, maps, parallel plots, mosaic plots, pie charts, treemaps, area charts, heat maps, formula charts, and line of fit. Map shapes are also supported.
Bubble Plot	Displays circles according to positional specification. Circles can be sized and colored according to selected variables. When there is a time variable, selected variables can be viewed dynamically over time.
Scatterplot Matrix	Displays scatterplots and density ellipses for all pairs of Y variables, or for a selection of Y variables plotted against one or more X variables.
Parallel Plot	Draws a plot that connects the values of selected Y variables for each row in the data table.
Cell Plot	Creates a rectangular array of cells drawn with a one-to-one correspondence to data table values, and colored by the values in the cells.
Scatterplot 3D	Creates three-dimensional rotatable plots for multiple Y variables. Displays and saves principal components, standardized principal components, and rotated components. Also displays normal contour ellipsoids, nonparametric density contours, and biplot rays.
Contour Plot	Constructs contour plots for one or more numeric response variables, Y, across a grid defined by two numeric X variables.
Ternary Plot	Illustrates the distribution of three-part (numeric) compositional data, using a two-dimensional plot.
Surface Plot	Creates a three-dimensional, rotatable display of points or of a surface defined by a saved formula.
Profiler	Displays prediction traces for each X variable, based on saved prediction formulas for each numeric response and linear constraints on the X variables. Allows simultaneous optimization of responses using desirability functions, estimation of response distributions using the simulator, and accesses and links to other profilers. Can be saved as an Adobe Flash file (.swf) to display in a web browser.
Contour Profiler	Displays contours of the prediction formulas for two factors at a time, along with three-dimensional mesh plots. Accesses the simulator, and links to other profilers.
Mixture Profiler	Displays a ternary plot and contours of the prediction formula for models involving mixture factors. Accesses the simulator, and links to other profilers.
Custom Profiler	Provides an interface for simultaneous optimization of responses, similar in function to the profiler. Allows linear constraints and a user-defined criterion for optimization, and displays predicted performance relative to benchmarks. Accesses the simulator, and links to other profilers.
Treemap	Creates a rectangular tiling for a nominal or ordinal variable where you can tile categories to be proportional in size to the counts of categories within a selected variable. A positional specification is optional.
Chart	Plots bar, line, pie, needle, and point charts of user-specified summary statistics for multiple selected Ys across the values of up to two X variables.

Graph Menu (continued)

Item	Description
Overlay Plot	Plots one or more numeric Y variables across the values of a single X variable. Constructs several plots in one window using grouping variables.

Tools Menu

Item	Description
Arrow	The default tool. • Lets you select points in plots and analysis options. Drag the cursor to select multiple points. • Rotates the plot in Surface Plot and Scatterplot 3D.
Help	Opens context-sensitive Help when you click the help tool in any part of a display or report.
Selection	Lets you select rows or regions of rows when you click and drag. Selects portions of graphical output or analysis results.
Scroller	Scrolls a report, journal, or layout window in any direction with more precision than when using scroll bars. The scroller is available in report windows, journal, and layout windows.
Grabber	• Changes axis scaling when you hover with grabber and click over an axis. Hand changes orientation to indicate direction of change. • Changes both axes simultaneously when you click and drag within a plot. • In histograms, changes the number of bars or shifts the boundaries of the bars on the axis when you click and drag. • In any report table, rearranges columns. • In Surface Plot and Scatterplot 3D, click and drag an axis to move it. When you click the plot, the grabber turns to an arrow and lets you rotate the plot.
Brush	Lets you select one or more points when you brush over them.
Lasso	Lets you circle points with a curve. Hold down the SHIFT key and circle more points to extend a selection.
Magnifier	Lets you zoom in to a plot when you click where the enlarged graph should be centered. Double-click to restore the graph to its original dimensions.
Crosshairs	Displays a moveable set of magnified axes to precisely locate points and estimate distances on plots.
Annotate	Lets you add editable text notes to JMP reports, journals, or layouts.
Line, Polygon, and Simple Shape	Lets you draw lines, polygons, and shapes on JMP reports, journals, and layouts. Hold down the CTRL key and click a line or shape for a menu of options.

View Menu

Item	Description
New Data View	Displays a duplicate view of the active data table that is linked to the original data table.
Redraw Window	Refreshes a window after it shows stray imperfections from high-speed, dynamic handling.

View Menu (continued)

Item	Description
Make Text Bigger	Increases the size of text in all open windows.
Make Text Smaller	Decreases the size of text in all open windows.
Show Toolbar	Shows toolbars. (Available only when toolbars are hidden.)
Hide Toolbar	Hides toolbars. (Available only when toolbars are shown.)
Customize Toolbar	Lets you drag new toolbars, platform icons, and miscellaneous icons to the toolbar and change their display size. Also lets you display these items as icons, text, or both and revert to the original toolbars.
Customize Menus	Displays the JMP Menu Editor for customizing menu items.
Create Web Report...	Converts an open report to a web page.
Create Excel Workbook...	Converts an open data table to a Microsoft Excel worksheet.
Running Queries	Lets you view ODBC queries that are running against an SQL database.
Add-Ins...	Lists the add-ins that you installed in JMP.

Window Menu

Item	Description
Minimize	Minimizes the active window. Hold down the OPTION key and select Minimize All to minimize all open JMP windows.
Zoom	Optimally sizes a window for your display. Hold down the OPTION key and select Zoom All to resize all open JMP windows.
Hide	Suppresses the display of the active window but does not close the window.
Hidden	Lets you select the hidden windows that you want to view.
Set Report Title	Lets you rename the active report.
JMP Starter	Opens or brings the JMP Starter window to the front.
Log	Opens a window that shows information such as JSL statements as they execute and script errors.
JMP Home	Opens or brings to front a window that lists recently opened JMP files. Shows open JMP windows in an outline view (the same list that appears when you select File > Open Recent). Also lets you add frequently used files to a list of favorites, view the log, and select the active data table.
Projects	Opens a window that shows open projects.
Show Data Table	Brings the data table for the open report to the front.
Combine Windows...	Lets you select open JMP windows and merge them into a dashboard. Options include using a report as a selection data filter and displaying in Full or Summary view.

Window Menu (continued)

Item	Description
Bring All To Front	Brings all JMP windows to the front. Hold down the OPTION key and select Arrange in Front to display the windows one in front of another.

Help Menu

Item	Description
Search	Lets you search for and open JMP menu items.
JMP Help	Opens the JMP Help system.
Books	Opens .pdf files of the JMP documentation.
Sample Data Library	Opens a list of JMP sample data tables.
New Features	Opens the New Features .pdf file for the main JMP release.
JMP User Community	Opens the JMP User Community web page community.jmp.com.
Tutorials	Opens a set of JMP tutorials.
Tip of the Day	Opens the Tip of the Day window, which provides tips about using JMP.
Statistics Index	Defines statistical terms, opens online Help, launches analysis platforms, and lets you run scripts that illustrate the terms.
Scripting Index	Defines JSL functions, JSL objects, and display box elements. Several search options are available. You can also run examples and read online Help for the components. Above the list of commands, select All Categories to search all functions, objects, and display box elements.
Sample Data	Opens the Sample Data Index window, which provides links to sample data tables, sample scripts, and sample applications. Many sample data files include scripts that you can run to see examples of JMP tools and analyses. You can also run the sample scripts themselves to see examples of JMP tools and analyses.
Renew License	Lets you select a new license file to renew the license. Available only in annual license copies during the grace period and before the license expires.

The Layout menu appears only when a Layout window is open.

Layout Menu

Item	Description
Group	Combines selected objects into a single object or group.
Ungroup	Ungroups selected objects.
Align	Aligns the selected objects by the type of alignment that you select from the Align submenu.
Clean Up	Separates overlapping objects.

Layout Menu (continued)

Item	Description
Move Forward	Moves the selected object or objects forward one layer at a time.
Move To Front	Moves the selected object or objects in front of all other objects.
Move Backward	Moves the selected object or objects backward one layer at a time.
Move To Back	Moves the selected object or objects behind all other objects.

The Format menu appears only when Application Builder is open.

Format Menu

Item	Description
Add Module	Creates a new empty module.
Delete Module	Removes the currently displayed module from the application.
Align Boxes	Lines up the selected objects by the type of alignment that you select from the submenu.
Add Container	Places the selected object inside the object that you select from the submenu.
Remove Container	Removes the selected object from its container.