

JMP® 8

Menu Description

Windows and Linux

File Edit Tables Rows Cols DOE Analyze Graph Tools View Window Help

Graphics on this card depict Windows menus only. Discrepancies between Windows and Linux are explained in the accompanying tables.





File Menu

Item	Description
New	Creates a new data table, script, journal, or project.
Open...	Locates and opens files of various types.
Close	Closes the active window.
Import as Data	Imports text-formatted data, using first row as column names. Prior to invoking the Import as Data command, data must be pasted into a script window and that window must be active.
Save	Writes the active window to a file, providing a choice of appropriate extensions.
Save As...	Writes the active window to a file after prompting you for a name and a file type.
Revert	Restores the current data table to its last saved condition.
Database	Opens a connection to any database on your system that has an ODBC driver.
SAS	Connects to a SAS server, browses and opens SAS data files and folders, provides an editor window, opens SAS log and output windows.
Internet Open...	Opens a web page in a browser or text editor window, converts an HTML table to a JMP data table, and allows the user to open JMP tables and run scripts saved as web pages.
Preferences	Lets you specify options and settings for start-up items, reports, tables, analysis platforms, import and export settings, graphic formats, SAS integration, and more. Also, lets you reset defaults.
Print...	Prints the active window.
Print Preview	Displays the active window as it will print. Windows only.
Print Setup...	Displays the standard dialog for setting printed page characteristics. Windows only.
Send...	Submits the open window to the default mail facility. Prompts you to save new windows first. Windows only.
Recent Files	Displays the eight most recently opened files for easy re-opening. Called Open Recent in Linux.
Save Session Script...	Creates a JSL script to re-open all currently open files and re-run all currently open analyses and graphs.
Save Projects	Saves JMP projects with a .jmpproj extension. Option only available when a project is open. Windows only.
Exit	Closes all JMP windows and quits JMP. Prompts you to save new or changed journals, scripts, data tables, and projects. Also asks whether you want to save the session script.

File	Edit	Tables	DOE	Analy
New				
Open...				Ctrl+O
Close				Ctrl+W
Import as Data				
Save				Ctrl+S
Save As...				
Revert				
Database				
SAS				
Internet Open...				
Preferences				Ctrl+K
Print...				Ctrl+P
Print Preview				
Print Setup...				
Send...				
Recent Files				
Save Session Script...				
Save Projects				
Exit				Ctrl+Q












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 inside the script editor.
Cut	Copies selected cells from the active data table to the clipboard and replaces their contents with missing values.
Copy	Copies selected cells from the active data table 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.
Copy With Column Names	Copies selected cells and column names from the active data table to the clipboard.
Paste	Copies data from the clipboard into a JMP table.
Paste With Column Names	Copies data from the clipboard into a JMP table, and treats the first row on the clipboard as column names.
Clear	Clears selected cell contents from the data table and replaces their contents with missing values.
Select All	Selects all rows in a data table when a data table, report, or journal window is active. Selects the entire script when a script window is active.
Save Selection As...	Saves selected portions of an analysis window in a graphic format.
Encrypt Script	Places encoding in a script so that it can only be opened or run by someone possessing a password. 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.
Run Script	Submits a text file containing JMP Scripting Language (JSL).
Stop Script	Stops running a JSL script. Windows only.
Submit to SAS	Sends a JMP Script to the specified SAS server.
Search	Finds and replaces text in data tables and scripts.
Go to Line...	Scrolls to a specific line number in a script.
Balance	Selects all text within a pair of brackets that include the cursor. Only available if a script window is active. Windows only.
Reformat Script	Formats JSL code for easier reading. In Linux, available from context-sensitive menu obtained from right-click in script window.
Journal	Copies output from a data table or report window to a journal window. Allows user to save reports, add notes, and organize output.
Layout	Copies output from a data table or report window to a layout window, where the user can rearrange report elements for printing or presentations.
Customize	Customizes the existing toolbars and menus by adding and/or removing commands and tools. Also allows reversion to default menu and toolbars.

Edit	Tables	Rows	Cols	DOE	A
Undo					Ctrl+Z
Redo					Ctrl+Y
 Cut					Ctrl+X
 Copy					Ctrl+C
Copy As Text					
Copy With Column Names					
 Paste					Ctrl+V
Paste With Column Names					
Clear					
Select All					Ctrl+A
Save Selection As...					
 Run Script					Ctrl+R
Stop Script					
Submit to SAS					F8
Search					
Go to Line...					
Reformat Script					
Journal					Ctrl+J
Layout					Ctrl+L
Customize					

Tables Menu

Item	Description
Summary	Creates a table that contains user-specified summary statistics calculated from the active 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.
Transpose	Creates a new data table where the data in the selected columns of the original table are arranged in rows. This amounts to switching the rows and columns in the original selection.
Concatenate	Stacks two or more tables on top of each other by matching column names.
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.
Tabulate	Constructs tables of descriptive statistics using an interactive interface.
Missing Data Pattern	Describes the missing data in your table in terms of the columns where it is missing.

Tables	Rows	Cols	DOE
 Summary			
 Subset			
 Sort			
 Stack			
 Split			
 Transpose			
 Concatenate			
 Join			
 Update			
 Tabulate			
 Missing Data Pattern			

Rows Menu

Item	Description
Exclude/Unexclude	Excludes/includes selected rows from analyses.
Hide/Unhide	Hides/shows selected points in all plots.
Label/Unlabel	Labels/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 user-selected symbols.
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.
Color or Mark by Column...	Colors or assigns markers to rows based on values in a selected column.
Row Editor	Opens a window that allows the editing of cells in a given row. Facilitates navigation to selected rows and allows creation of 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.
Data Filter	Selects, shows, and/or includes rows based on conditions on the values of specified columns.

Rows	Cols	DOE	Analyze	Graph
Exclude/Unexclude				Ctrl+E
Hide/Unhide				
Label/Unlabel				
Colors				▶
Markers				▶
Next Selected				F3
Previous Selected				F2
Row Selection				▶
Clear Row States				
Color or Mark by Column...				
Row Editor				
Delete Rows				
Add Rows...				
Move Rows...				
Data Filter				












Cols Menu

Item	Description
New Column...	Adds a new column, and allows you to name it and change attributes and properties.
Add Multiple Columns...	Adds several columns of the same data type at one time to a specified location in the data table.
Go to...	Highlights and scrolls to a specified column in the data table.
Column Info...	Displays and allows changes to column name, attributes, and properties for selected column or columns.
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.
Validation	Places restrictions on the values that a column can hold, and allows you to specify their display order on graphics.
Label/Unlabel	Tells JMP to use/not 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/unlocks selected columns into/from the left-most position in the table. Locking a column allows its contents to remain visible when scrolling horizontally.
Hide/Unhide	Hides/shows selected columns without removing them from the table. Retains them in analyses.
Exclude/Unexclude	Excludes/includes selected columns in analysis role assignment dialogs.
Standardize Attributes...	Sets attributes and properties for multiple columns at once.
Reorder Columns	Arranges columns by original order, name, data type, modeling type, and more.
Delete Columns	Removes selected columns from the data table.
Recode	Allows easy correction of data entry errors or inconsistencies, as well as recoding of old values to new values, either in the original column, in a new column, or in a new column that tracks the changes with a formula.
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 blue disclosure icon in the columns panel.
Ungroup Columns	Removes the grouping heading and displays individual column names in column panel and analyses.

Cols	DOE	Analyze	Graph
New Column...			
Add Multiple Columns...			
Go to...			
Column Info...			
Preselect Role			▶
Formula...			
Validation			▶
Label/Unlabel			
Scroll Lock/Unlock			
Hide/Unhide			
Exclude/Unexclude			
Standardize Attributes...			
Reorder Columns			▶
Delete Columns			
Recode			
Group Columns			
Ungroup Columns			





DOE Menu

Item	Description
Custom Design	Allows the user to specify and create D- and I-optimal designs for a wide range of design situations and constraints.
Screening Design	Generates a list of classical screening designs for the specified list of 2-level continuous factors and 2- and 3-level categorical factors. Creates the chosen design.
Response Surface Design	Generates a list of classical response surface designs for the specified number of continuous factors. Creates the chosen design.
Full Factorial Design	Creates a design using all combinations of factor levels for a set of continuous and categorical factors that have up to 9 levels.
Mixture Design	Creates a design that is appropriate when the factors are components in a mixture. Allows specification of both linear and regional constraints. Several classical mixture design approaches are offered.
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.
Space Filling Design	Creates a design that is appropriate when modeling deterministic or nearly deterministic systems, such as computer simulations. Design points are distributed throughout the experimental region and are not replicated.
Nonlinear Design	Creates an optimal design for estimating the parameters of a nonlinear model.
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.
Augment Design	Provides various choices for adding runs to an existing design.
Sample Size and Power	Computes power, sample size, and effect size for means, variance, proportions, and counts. Also computes sigma quality level.

DOE	Analyze	Graph	Tools
	Custom Design		
	Screening Design		
	Response Surface Design		
	Full Factorial Design		
	Mixture Design		
	Choice Design		
	Space Filling Design		
	Nonlinear Design		
	Taguchi Arrays		
	Augment Design		
	Sample Size and Power		

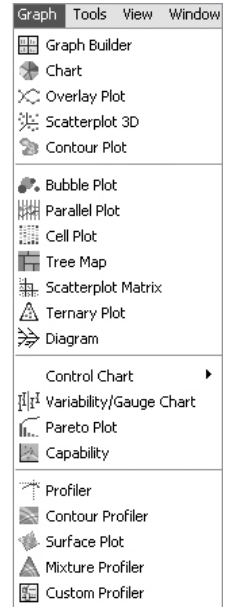
Analyze Menu

Item	Description
Distribution	Provides a histogram for continuous data and a bar graph for nominal or ordinal data, along with relevant summary statistics. Presents options for many one-sample analyses, based on modeling type.
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.
Matched Pairs	Analyzes two continuous variables that are measurements on the same experimental unit or subject.
Fit Model	Fits models involving one or more Y variables and multiple X variables. Techniques include standard least squares, stepwise, MANOVA, loglinear variance, logistic, proportional hazards, parametric survival, and generalized linear models.
Modeling	Offers various modeling techniques: screening (for designs with many effects), nonlinear, neural net, Gaussian process, partition analysis, time series, categorical response analysis, and choice.
Multivariate Methods	Offers techniques for exploring relationships among multiple variables: multivariate fitting, clustering, principal components, discriminant analysis, partial least squares, and item analysis.
Survival and Reliability	Offers techniques for fitting survival and reliability data: life distribution, fit life by x, recurrence analysis, product-limit survival fit, parametric survival distributions, and proportional hazards modeling.

Analyze	Graph	Tools	View
	Distribution		
	Fit Y by X		
	Matched Pairs		
	Fit Model		
	Modeling		▶
	Multivariate Methods		▶
	Reliability and Survival		▶

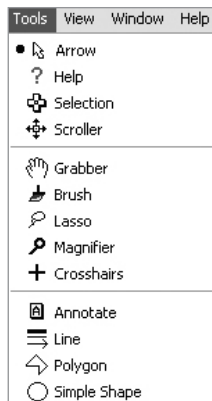
Graph Menu

Item	Description
Graph Builder	Uses 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, box plots, lines, bar graphs and histograms.
Chart	Plots bar, line, pie, needle, and point charts of user-specified summary statistics for multiple selected Y's across the values of up to two X variables.
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.
Scatterplot 3D	Produces 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.
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.
Parallel Plot	Draws a plot that connects the values of selected Y variables for each row in the data table.
Cell Plot	Produces a rectangular array of cells drawn with a one-to-one correspondence to data table values, and colored by the values in the cells.
Tree Map	Produces a rectangular tiling for a nominal or ordinal variable, where categories can be tiled to be proportional in size to a selected variable, and where a positional specification is optional.
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.
Ternary Plot	Illustrates the distribution of three-part (numeric) compositional data, using a two-dimensional plot.
Diagram	Creates fishbone (Ishikawa Cause and Effect) diagrams.
Control Chart	Creates run charts as well as a wide range of dynamic, updatable control charts. These are plots of time-ordered data, along with control limits, that bound the variability of the plotted statistic.
Variability/ Gauge Chart	The Variability Chart Type option creates variability charts, and runs Gauge R&R and variance components analysis. The Attribute Chart Type option gives measures of agreement across nominal responses.
Pareto Plot	Creates a bar chart that displays causes of defects or problems in order of decreasing frequency.
Capability	Conducts capability studies on multiple responses. Displays a goal plot for normalized means and standard deviations, and provides other statistical and graphical output.
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 a flash file (.swf) for use 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, accesses and links to other profilers, and can be saved as a flash file.
Surface Plot	Creates a three-dimensional, rotatable display of points, or of a surface defined by a saved formula.
Mixture Profiler	Displays a ternary plot and contours of the prediction formula for models involving mixture factors. Accesses the simulator, accesses and links to other profilers, and can be saved as a flash file.
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, accesses and links to other profilers, and can be saved as a flash file.



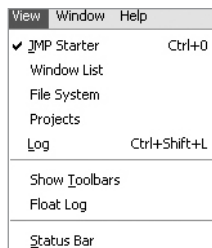
Tools Menu

Item	Description
Arrow	Functions as the default tool. <ul style="list-style-type: none"> Allows you to select points in plots and choose analysis options. Manipulates the plot in Surface Plot and Scatterplot 3D. In some reports, you can enable hover help by making a small circle with your cursor over the item of interest. In a square scatterplot matrix, you can drag the position of a column of scatterplots to a new position in the matrix by dragging the diagonal cell up or down the diagonal (the arrow changes to a scroller).
Help	Clicking the help tool in any part of a display or report brings up context-sensitive help.
Selection	Selects rows or regions of rows by clicking and dragging. 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. Holding the Shift key while selecting the scroller retains it for multiple clicks. The scroller is only active in report windows, journal, and layout windows.
Grabber	<ul style="list-style-type: none"> 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.
Brush	Selects points by brushing over them. Use in combination with the Shift key to extend a selection. To change the size of the brush, Alt + Click and drag in Windows, or Alt + Shift + Click and drag in Linux.
Lasso	Lets you select points by encircling them with a curve. Use in combination with the Shift key to extend a selection.
Magnifier	Lets you zoom in to a plot by clicking where the enlarged graph should be centered. In Windows, Alt + Click to restore graph to original dimensions. In Linux, Alt + Shift + Click to restore graph.
Crosshairs	Displays a moveable set of axes to 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	Draws lines, polygons, and shapes on JMP reports, journals, and layouts. Right click a line or shape for a menu of options to customize it.



View Menu

Item	Description
JMP Starter	Opens and closes the JMP Starter window, which gives access to most commands found on the main menu or on toolbars.
Window List	Displays a pane at the left side of the JMP window that lists open windows. In Windows, these are shown in an outline view. Linux allows filter selection to display only windows of a given type.
File System	Displays system files in an explorer view, to expedite the search for files. Data formats open directly into JMP data tables.
Projects	Allows you to create, view, and edit JMP projects. Windows only.
Log	Displays a pane at the bottom of the JMP window that monitors JSL statements as they execute.
Show Toolbars	Opens a window that lists all available toolbars, and lets you display or hide toolbars.
Float /Dock Log	Makes the log pane a free-standing window. Dock Log reattaches the log as a pane at the bottom of the JMP window.
Status Bar	Hides or shows the status bar at the bottom edge of the JMP window.



Window Menu

Item	Description
New Data View	Displays a duplicate view of the active data table that is linked to the original data table.
Close All Data Tables	This option changes to Close All Reports, Journals, Layouts, Scripts, or Starter, based on the active window. Closes all windows of the specified type. Windows only.
Close All	Closes all open windows.
Arrange	Arranges open windows in a cascade, or tiled horizontally or vertically so that all windows are visible. Arranges minimized icons at the bottom of the JMP window. Windows only.
Cascade	Arranges open windows so that the title bar of each window is visible. Menu item in Linux. In Windows, Cascade appears under Arrange.
Tile	Arranges open windows horizontally or vertically, so all windows are visible. In Windows, Tile Horizontally and Tile Vertically appear under Arrange.
Redraw	Redraws a window after it has accumulated stray imperfections from high-speed, dynamic handling.
Font Sizes	Increases and decreases the size of text in all open windows.
Move to Back	Places the active window behind all other windows generated by the current JMP session, leaving the next window in the sequence showing.
Set Title	Lets you change the name of any active JMP window.
Hide	Suppresses the display of the active window but doesn't close it.
Unhide	Lets you select which hidden windows you want to make visible again. Windows only. In Linux, hidden window names are dimmed in the window listing under Windows, and can be viewed from there.
List All...	Allows you to select which window to make active. In Windows, arranges all open windows in an outline view. Linux allows filter selection to display only windows of a given type.

Window	Help
New Data View	
Close All Data Tables	
Close All	
Arrange	▶
Redraw	Ctrl+D
Font Sizes	▶
Move to Back	Ctrl+B
Set Title	
Hide	
Unhide	▶
List All...	

Help Menu

Item	Description
Contents	Takes you to the table of contents in the JMP help system.
Search...	Lets you search the JMP help system for key words.
Index...	Takes you to the index in the JMP help system.
Tip of the Day	Takes you to the Tip of the Day window, which provides tips about using JMP.
Indexes	Defines statistical terms, accesses topic help, and launches examples and analysis platforms. Also presents a list of JSL functions, a list of JSL objects with messages recognized by each object, and a list of display box elements with messages recognized by each element.
Tutorial	Opens a set of JMP tutorials.
Books	Opens .pdf files of the JMP documentation.
Sample Data	Opens a journal file with links to sample data files. Many files have saved scripts, illustrating the use of JMP tools and analyses.
JMP.com	Opens the JMP web page, www.jmp.com.
JMP User Community	Opens to the JMP user community web page, www.jmp.com/community.
About JMP	Displays product version, registration, user and system information, and more.

Help	
Contents	F1
Search...	
Index...	
Tip of the Day	
Indexes	▶
Tutorials	▶
Books	▶
Sample Data	
JMP.com	
JMP User Community	
About JMP	