

KaleiaGraph v4.5 Feature List

Variable Selection Dialog

- No longer have a 9 X column limit for a single data window.
- Can reorder entries by dragging them.
- Can resize the dialog and various sections within the dialog.

Axis Options Dialog

- Added a color entry to the left side that allows you to set the color of the axis, major and minor ticks, and major and minor grids independently.

Variable Settings Dialog

- Added a Drop Lines tab. Allows user to show a line from the point to the X and/or Y axis.
- Split the Color pop-up menu into Line Color and Fill Color. Allows user to have markers with two different colors – one for the fill and one for the frame. The Line Color also applies to the frame for Box and Percentile plots, in addition to the color of the column frame in Bar plots (unless Black Column Frame is selected in Plot Options).

Plotting Changes

- Added Floating Column, Floating Bar and Fill plots.
- Added an option to show the median line on Dot plots.
- The width of the box is controlled using the Column Offset field in Box/Percentile plots.
- It is now possible to show a fill pattern in the box if markers are displayed in the Box/Percentile plots.
- The Line Thickness setting in Plot Options now also control the thickness of the plot symbol in the legend for variables represented by a fill pattern.
- Support increased to 99 variables on a single plot
- Added support for Natural Log and Log (Base 2) axes.
- Added support for the latest Excel file formats (.xlsx files).
- Added 24 new markers.

Data Analysis Changes

- Added some new commands to the #METAFILE/OPT and #PICT/OPT formula script commands. It is now possible to specify the resolution and control the size of the exported image via a script.
- Added a host of new commands to the #SCRIPT formula script command. It is now possible to specify all of the settings in the Axis Options and Variable Settings dialogs via a script. Can also add Curve Fits and Drop Lines via a script.

Exporting Changes

- Modified how plots are exported to gain higher resolution and avoid using QuickTime.
- Mac version can be exported at a maximum of 1400 dpi
- Windows supports a maximum of 800 dpi.
- TIFF images can be exported with a CMYK color table.
- A variety of compression and quality options are available for TIFF and JPG images, respectively.

Command and Dialog Changes

- Added a Slice Data command to the Functions menu that can be used to reorganize Y data associated with up to three grouping variables for further analysis.
- Modified the Sort Dialog to allow for longer column titles.
- Added a Help button to the Personalization Dialog
- Added a command to the Help menu that opens the PDF manual.

Preferences Dialog

- Setting “Never” for the Style in Preferences now displays a dialog that they need to manually save the Style before quitting for this change to be saved.

Curve Fit Changes

- Added an Export All Curve Fits command to tabulate curve fit results into a new data window. The new data window will contain the name or type of fit, the title of the Y data column, the name of the data window, the R and R² values, and the parameter values. The Chi Square and parameter errors are also included for any General curve fits.
- Added a Copy Predicted Values to Data Window command to the Curve Fit Selections Dialog. This finds the Y values from the fit at the original X values.
- Expanded the number of statistics that are calculated when performing a Linear curve fit. The new statistics include: adjusted R², standard error, F value, and P value for the overall fit, as well as standard error, t value, P value, and upper and lower 95% confidence limits for the slope and intercept. These statistics can be viewed by choosing View Results or Copy Parameters to Clipboard from the View pop-up menu in the Curve Fit Selections dialog or by choosing Curve Fit > Export All Curve Fits.
- Added a Copy Confidence Values to Data Window command to the Curve Fit Selections dialog for Linear curve fits. Choosing this command appends the specified confidence limit values of the Linear curve fit to the data window for further plotting.

Additional Changes

- Modified text editor used for Posted Note / Library / Edit Text / etc. so that it can be resized.