

SigmaPlot

SigmaPlot provides all the fundamental tools you need to analyze your data from basic statistics to advanced mathematical calculations. Click a toolbar button to instantly generate summary statistics including 95% and 99% confidence intervals. Run t-tests and linear regressions with ease, fit a curve or plot a function and get a report of the results in seconds, use built-in transforms to massage your data and to create special graph types AND automate everything you do. With SigmaPlot it's all so simple!

Curve fit your data with a few mouse clicks as the Regression Wizard guides you through the process. The Regression Wizard automatically determines your initial parameters, writes a statistical report, saves your equation to your SigmaPlot Notebook, and adds your results to existing graphs or creates a new one! SigmaPlot offers robust multidimensional nonlinear curve-fitting, piecewise continuous, multifunctional, weighted, Boolean functions and more-up to 10 variables and 25 parameters. You can even add your own powerful curve fits to the Regression Wizard. Use the Regression Wizard to curve fit one of more than 100 built-in graphically-illustrated equations or your own. The Regression Wizard leads you through every step of the curve fitting process.

Visualize mathematical models by plotting 2D and 3D functions. Plot a function by selecting it and specifying the parameters and the range. Create your own functions and save them for future use. Plot functions on new or existing graphs or even plot multiple functions simultaneously using different parameter values. You can plot functions over any specified range, including axis ranges. Easily plot more than 100 built-in graphically-illustrated functions or your own using the Function Wizard.

Manipulate more than one billion data points in SigmaPlot's powerful scientific data worksheet. Organize graph pages, SigmaPlot or Excel data worksheets, curve fit results and reports effectively in the SigmaPlot Notebook. Create or open an existing Excel spreadsheet to analyze your data-Excel's menus seamlessly merge with SigmaPlot's menus. Use Excel in-cell formulas, pivot tables and macros and then analyze and graph your results from an Excel spreadsheet right within SigmaPlot.

<http://www.spss.com/software/science/sigmaplot/>

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