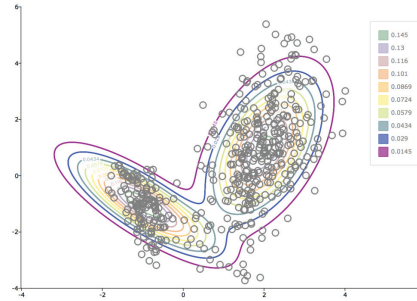
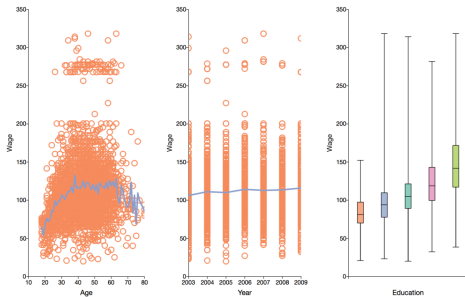


Increase your productivity with GAUSS 18



Improved data handling

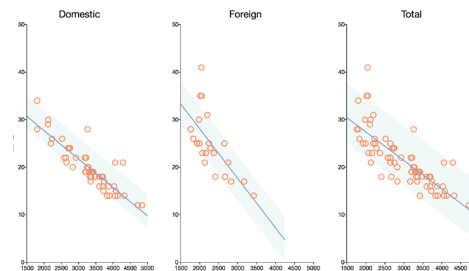
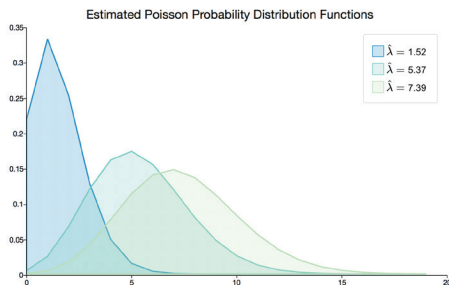
Load, transform and analyze in one line. Simple to use formula string notation supports:

- > Categorical and dummy variables
- > Data transformations (ln, exp and more)
- > **SAS** and **Stata** datasets

Graphics updates

Convey insights from your data with modern, professional images.

- > 30+ built-in color palettes, and custom palettes
- > Programmatic canvas sizing
- > Added 2-D plot flexibility and options



Generalized Method of Moments (GMM)

New GAUSS 18 GMM procedures estimate parameters from custom user specified moment equations or analytic instrumental variables estimates using one step, two-step, iterative, or continuously updating GMM.

Speed improvements

- > Chained concatenation operations 2-4x faster
- > X'Y for vector-vector case 15%-600% faster
- > Descriptive statistics and OLS 15-30% faster for medium to large matrices

New functions to increase productivity

Uncover data insights quicker with new tools for searching matrices and string arrays, reorganizing, merging, and much more!

New mathematical functions

Includes `besselk`, `rndRayleigh`, `cdfTruncNorm`, `pdfTruncNorm`, `cdfLogNorm` and `pdfLogNorm` and more.

