

STATGRAPHICS® Centurion

Statgraphics is a software application for statistically analyzing numeric data. Values reside in a Statgraphics DataBook which consists of 26 datasheets. Records can be manually entered, copied and pasted from Microsoft Access or Excel, or a workbook created in Excel 2007 can be imported directly into the Statgraphics DataBook. Once data have been loaded into the DataBook, any of more than 160 statistical procedures can be run. Setting up and running an analysis is quick and easy. The Statgraphics StatAdvisor gives a brief interpretation of the results.

Selected Features

- Summarize data
- Calculate confidence intervals
- Run hypothesis tests
- Test for normality
- Find differences between two independent groups
- Conduct matched-pair test
- Compare several independent groups
- Perform simple and multiple regressions
- Transform data
- Overlay plots
- Display data
 - x-y or x-y-z plots
 - box-and-whisker plot
 - time-series plot
 - histogram
 - stem-and-leaf plot
 - probability plots

Obtaining Software

Statgraphics Centurion is available on disc from your TIPS service manager. Installed software is accessed through KeyServer, OSMRE's license management system.

SMCRA Benefits and Uses

Statistical analysis can objectively answer important environmental questions for which there is an adequate record of measurements.

- Is water upstream (upgradient) of the mine different from downstream (downgradient) water?
- Has water quality or quantity changed over time?
- Are the texture and chemical properties of reclaimed soil or substitute soil the "same" as native soil?
- Does vegetation productivity meet a standard at a given level of confidence?

TIPS Training Classes

Classroom training is not currently offered for this product. On-line training is being considered for development.

Need Help?

Contact Statgraphics software manager
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