

EasyStat

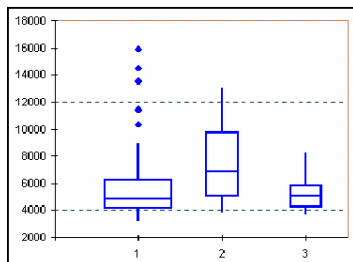
EasyStat 4.4 is a collection of simple, widely applicable methods for the visualization of data and facilitates the application of elementary statistical methods.

Due to its exceptional user-friendliness, EasyStat is especially well suited for routine use in the laboratory. It is validated.

EasyStat is an add-in for Microsoft **Excel** / Windows from version 2000 onwards.

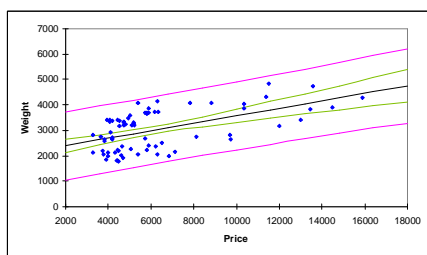
The following statistical tools have been implemented in EasyStat:

- **Histogram**, stratified histogram, **stem-and-leaf diagram** (for inspection of data)
- **Boxplot** (for compact presentation of data, comparison of groups)

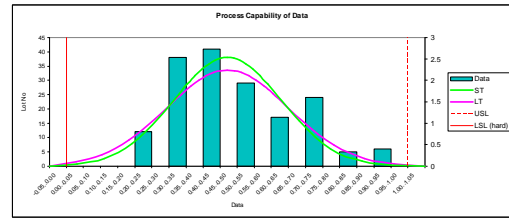


Parallel boxplots incl. specifications

- **Quantile plot** (for judging distribution normality)
- **Summary statistics** (mean, median, quartiles, standard deviation, etc.)
- **Confidence interval** (e.g. to set specifications)
- **new: Outlier-Tests** (for identifying and adequate treating of extreme values)
- **Scatterplot**, normal or with stratification (for identifying and better understanding of relationships between variables); several variables: scatterplot matrix
- **Correlation and linear regression**, normal or with confidence lines (for quantifying the linear relationship between two variables); **prediction and calibration**

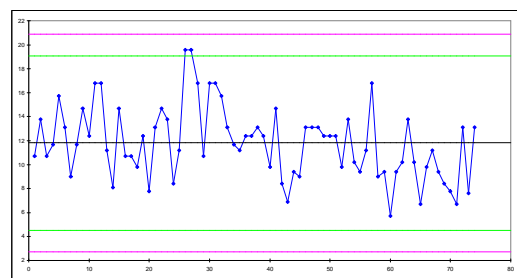


Linear regression with confidence lines



Process capability analysis

- **new: Process capability analysis** (for assessing location and stability of a process), incl. calculation of capability indices
- **extended: Control chart**, also with calculation of Cp and Cpk values, and Cusum chart (for process monitoring, disturbance identification and shift detection)



Control chart

- **Interlaboratory experiment** (for repeatability and reproducibility studies)
- **new: t-Test** (most common test for comparing two samples); lucid user guidance for choosing the appropriate test (paired, unpaired, unequal variances)
- **new: ANOVA** (analysis of variance, for comparing several samples), for up to two factors, if desired including their interaction; still possible if some measurement values are missing.

Courses

AICOS Technologies Ltd. offers several two-day courses with exercises on PC: **Visualization of Lab Data, Analysis of Lab Data, Biostatistics, Statistical Quality and Process Control**. In these courses, EasyStat is used, such that you get experience with the software on practical examples according to your interests.

Contact

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Please send me the demo version of EasyStat, the Excel-Add-In for data-visualization and elementary statistics, free of charge for a test period of one month:

From: until:

Desired language: English German French

If I do not acquire a license of EasyStat I will send back the program disk and the printed documentation.

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