

PACEXL

Version 2

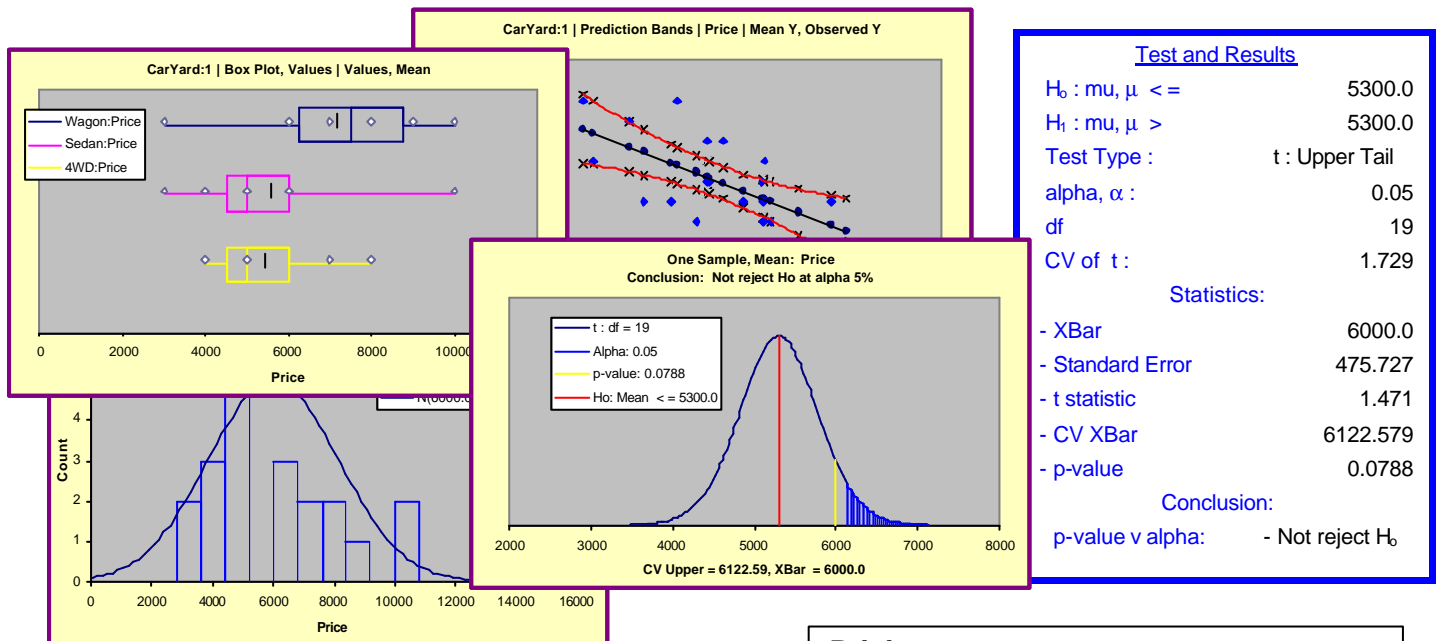
A statistics add-in for use with Microsoft® Excel in introductory and intermediate courses

Setting a new standard in statistics add-ins, at an affordable price!

- the ideal teaching and learning tool
- works inside Excel
- adds extensive statistics options
- hundreds of useful plots
- a “number cruncher” and an “illustrative tool”
- a graphics package too, not just statistics
- for study and the workplace
- regression, etc at extraordinary speed
- easy to use: “on-top” Help and Tutorials
- students can focus on, and enjoy, statistics
- excellent feedback from instructors and authors in Australasia, Europe, Asia and North America

Why not have
Version 2 bundled
with your favourite
textbook? See over
for details.

For a summary of key functions and capabilities of PaceXL see overleaf. For more information, see our web site: www.pacexl.com. Contact the publisher for an instructor’s copy of the CD.



Publishing details

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Pricing

In Australasia (\$Aus) (incl GST)

Recommended retail price:

\$43.70

Bundling/shrinkwrap price:

Save \$20 - \$25 depending on publisher

Wholesale price:

33.33% off RRP

Site licences:

\$550 for adoptions
(Lower rates negotiable for small enrolments.)

Elsewhere (excl GST)

As above in \$US, or on application.

PaceXL Statistics Routines

- [Ungrouped data](#)
(for key summary measures, percentiles, ranks, counts, and normality tests for raw data)
- [Tabulations and histograms](#)
(for creating frequency distributions and cross-tabs, and associated plots from raw data)
- [Grouped data](#)
(for data already in frequency distribution or cross-tab form – summary measures, tables, plots and tests)
- [Probability distributions](#)
(normal, t, binomial, Poisson, χ^2 , F, uniform)
- [Intervals and tests](#)
(confidence intervals and hypothesis tests for one and two samples; for numerical and categorical variables; inc. median, variance)
- [Analysis of variance](#)
(one and two factor ANOVA)
- [Regression and correlation](#)
(multiple regression, associated plots, step-wise, best subsets, residual analysis, predictions, leverage, etc)
- [Time series analysis](#)
(plots, moving average, seasonality, trend fitting, exponential smoothing, auto-regression)
- [Price indexes](#)
(construction and application of index numbers)
- [Quality Control Charts](#)
(calculation and plot options for variables and proportions, inc. tests for non-conformance)

Data Manipulation Routines

- Missing values
- Unstack variables/columns
- Select or exclude rows or observations
- Create new variables with transformations
- Excel features are all still available

Help System and Tutorials

- Help is also a tour and tutorial system
- The “On-top” system means you can learn, click, type, etc with instructions right up front
- Standard search, browse and print facilities

System requirements

- Microsoft® Excel (Version 97, 2000, 2002)
- Windows® 95, 98, Me, 2000 or XP
- 32 or more megabytes of RAM (64 recommended for some functions)
- About 20 megabytes of hard disk

Installation and Running

- The CD-ROM is in auto-install format
- PaceXL runs from Start like other programs

Getting started

- There is a “Quick Tour of PaceXL”, to get you, your students or your staff up and going
- And numerous “Tours-Tutorials” for later.

PaceXL Charts and Graphs

Hundreds of different charts and graphs are available from PaceXL, with exceptional speed and ease. The broad graph types are as follows, but extra options are available for most types. In addition, many types of combination plots are available. (Note that the full range of Excel charts, and access to the Chart Wizard are still retained.)

- [Column, Bar, Pie, Line and Area](#) charts
- [Scatter plot](#), including [scatter 'matrix'](#) for multiple variables; with a third grouping variable; or with multiple X variables
- [Dot plot](#), inc. combinations such as normal, box, histogram
- [Box plot](#) inc. combinations such as normal, dot, histogram; multiple box plots
- [Frequency polygon, curves and ogives](#)
- [Histogram](#), inc. combinations with dot, box, normal; multiple histogram plots
- [Normal probability](#) plots
- [Pareto](#) charts
- [Cross-tab / contingency table](#) plots (including percent of row and percent of column)
- [Probability distribution](#) plots (normal, t, binomial, etc); inc. shading to and between values; combinations such as normal and t
- [Confidence interval](#) plots
- [Hypothesis tests](#), inc. rejection region, critical values, p-value; plus alpha comparisons
- [Regression plots](#), inc. confidence intervals and prediction bands; fitted; residuals (inc. adjusted, standardised); checks for normality (histogram, box, normal probability plot)
- [Time series](#) inc. arithmetic scale, semi-log, index form, differences, fitted trends, moving average, seasonally adjusted, exponential smoothing, residuals, and autoregression
- [Quality control charts](#), inc. X-bar, s, R, p, np, C, U charts; tests for non-conformance

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