

# XLStatistics

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XLStatistics is a set of Microsoft Excel (ver 97+) workbooks for statistical analysis of data designed to replace and enhance the tools provided with Excel's Data Analysis Toolbox addin. The workbooks are designed to implement a step-by-step guide to the statistical analysis of data (this guide appears commonly as a flow chart in many texts). The set is designed to make data analysis easy!

- XLStatistics is very easy to use - all you need to do to analyse data is identify the type of variables and enter it into the corresponding workbook.
- Good for fast exploratory work. Variable selection is easy and all calculations and charts are updated automatically; "dirty" data with blanks and/or comments is handled.
- Unlimited (up to what Excel allows) number of cases in data.
- On-line help.
- All working is visible.
- XLStatistics carries out the relevant statistical tests automatically. And, in addition to the commonly-encountered analyses, XLStatistics contains Nonparametric tests, Analyses for proportions, Analyses using only summary data, Analyses to select sample sizes, Cumulative probability plots, Scatterplots with axes swapped, Regression for straight lines with a possible break-point, Fitting a smooth curve to data (moving average, running median, grouped data, LOWESS), Nonlinear regression, Standard multiple regression analyses up to, for example, Serial correlation correction, Analysis for 2x2 tables, Quality Control Charts, etc.
- The XLStatistics workbooks are standard Excel workbooks. So have all the power of Excel at your disposal if you need it.

Macros are used, but XLStatistics is not an Excel add-in and will not affect your system, including Excel, in any way (except for taking up some space on your hard disk).

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**DOWNLOADS and REGISTERING**

A fully functional version of XLStatistics can be downloaded free of charge (see below). However, you may use the product for *individual evaluation or study purposes only*. If you use the product in any other way (in your work, for example) you are required to **register** by contracting [Rodney Carr](#). After you have registered you will be supplied with a password that will remove the "Unregistered version" notice.

**Note to existing registered users:** If you download a fresh version of the software, your current password can be entered into the "Registration password" box on the options form. Then click the "Save current options" button and click OK.

### [XLS5.ZIP](#) (Standard zip format, 5 meg)

XLS5.ZIP contains all the XLStatistics files in compressed form. To install XLStatistics you need to download the file and extract the files it contains. It is a standard zip file can be used on a PC or Mac. You can use any program that can handle zip files (such as [winzip](#) on a PC or [Stuffit Expander](#) on a Mac) to extract the files. The extracted files must all end up in a single folder on your hard disk or network. After the files have been extracted and placed in a folder on your hard disk (or network) there is no further installation necessary - you need only open the file called **XLStats.xls** to start using XLStatistics.

A version of XLStatistics in Excel 5/95 format is available upon request.

If you have any problems downloading, please send an email to [rodneyc@deakin.edu.au](mailto:rodneyc@deakin.edu.au) and I can try sending you the files as attachments to emails.

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## MOVIE

### [Movie](#) (XLS5c.zip, 3 meg)

This movie (made with Lotus Screencam) illustrates the features of XLStatistics and gives steps to follow for carrying out statistical data analysis. **The movie is included in the above files for XLStatistics (XLS5.exe and XLS5.zip)**, but you can download just the movie if you wish. XLS5c.zip is a standard zip file. Put in a folder on your hard disk and double-click its icon and extract the files it contains. There are a number of files - you only need to open the one called scplayer.exe then open and play the movie file XLSTGuide.scm. The movie will not run on a Mac, sorry.

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**HISTORY AND BUG REPORTS.** Click [XLStatsHist.htm](#) to see the history of XLStatistics and fixes for any bugs that have been found. Any versions that are sent out or downloaded after the date of a fix have them already corrected.

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**REFERENCING.** If wish to provide a reference to XLStatistics (version 5.71 for example) you would do it like  
Carr, R. (2000). XLStatistics 5.71. XLent Works, Australia.  
The URL for the XLStatistics Home Page is [<http://www.deakin.edu.au/~rodneyc/xlstats.htm>]

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Rodney Carr  
Deakin Business School  
Faculty of Business & Law  
Deakin University  
Warrnambool, Victoria 3280  
Australia  
Phone +61 03 5563 3458  
Fax +61 03 5563 3320  
e-mail: [rodneyc@deakin.edu.au](mailto:rodneyc@deakin.edu.au)

Please contact Dr. Rodney Carr [rodneyc@deakin.edu.au](mailto:rodneyc@deakin.edu.au)  
with any questions, queries or comments.  
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