

Astute

Statistics Add-in for Microsoft® Excel

© 1993-1995 DDU Software, The University of Leeds, UK. All rights reserved.

INTRODUCTION

Welcome to Astute, a new statistics add-in that has been designed to run as a fully integrated part of Microsoft® Excel 4 and 5. It is intended to appeal to those who want the convenience and flexibility of performing statistical analysis in a powerful spreadsheet environment with charting and presentation graphics.

Astute is available in two modules. The Base Module provides seventeen commonly used parametric and non-parametric statistical tests together with a range of transform functions, a set of sample size calculators and three ways of generating descriptive statistics depending on whether the data are analysed as single, multiple or sequenced datasets. The second module, Module 1, is an optional add-on to the Astute Base Module which features ten statistical tests that will be of particular interest to those who work in laboratory medicine.

Experienced and inexperienced Excel users will find the statistical tests both quick and easy-to-use. Two or three clicks with a mouse are all that is required to carry out a test. The test results are then displayed on style sheets that can be customised to suit the needs of the user. If required, these results can easily be exported in to another application and they may also be embedded using OLE provided that the application runs in Windows™.

Astute Base Module

Parametric tests:

Pearson Correlation
Linear Regression Analysis
Multiple Linear Regression
Two Sample t-Test
Paired t-Test
F-Test
One-Way ANOVA
Two-Way ANOVA

Non-parametric tests:

McNemar Test
Wilcoxon Matched-Pairs Signed-Ranks
Fisher Exact Probability Test
Chi-Square Test
Wilcoxon-Mann-Whitney Test
Spearman Rank Correlation
Kendall Rank Correlation
Kruskal-Wallis One-Way ANOVA
Friedman Two-Way ANOVA

Astute Module 1

Altman & Bland Method Comparison
Deming Regression Analysis
Galen & Gambino Analysis
NCCLS One Run Precision Evaluation
Normality Testing
Passing & Bablok Method Comparison
ROC Analysis
Reverse Galen & Gambino Analysis
ROC-Galen & Gambino Analysis
Survival Analysis

HOW TO USE ASTUTE

The first thing that you should notice after entering Excel is the additional Statistics menu next to the Data menu, the two Statistics toolbars and the Statistics status bar. Information on these features and all of the other Astute functions are available by choosing the Astute command on the Help menu.

Please note that this demonstration version of Astute will only accept up to 10 data points but but in all other functions it is identical to the full working version.

HOW TO ORDER ASTUTE

Astute can be ordered directly from DDU Software. Details of how to order are given in the accompanying worksheets which also contain an Astute price list and order form. For details on site licences, please contact DDU Software.

DDU Software, The University of Leeds, Old Medical School, Leeds LS2 9JT, UK.

Telephone: 44 (0) 113 233 4167 Fax: 44 (0) 113 233 5672

Microsoft is a registered trademark and Windows is a trademark of the Microsoft Corporation.

Astute Price List

The accompanying information sheet describes the two Astute modules that are available, namely the Base Module and add-on Module 1. These can be purchased separately or together but please note that Module 1 will not function without the Base Module.

Both modules are available in single or multi-user licence packs or as network versions which are licensed to run on a Single Server. The licence packs and network versions are supplied on one or two 3.5 inch disks together with one User's Guide. Additional User's Guides can be supplied separately if required (all information in the User's Guide, except the installation instructions, is provided in the on-line help).

NOTE:

The prices in US dollars (\$) only apply to customers in the USA (see the accompanying sheet on Astute Ordering Information for full details).

Licence Packs	Base Module	Module 1	Base & Module 1	Base Module	Module 1	Base & Module 1
Single User Licence	£79.00	£49.00	£119.00	\$119.00	\$69.00	\$179.00
5 User Licence Pack	£229.00	£179.00	£449.00	\$449.00	\$269.00	\$669.00
10 User Licence Pack	£499.00	£299.00	£749.00	\$749.00	\$449.00	\$1,119.00
15 User Licence Pack	£649.00	£399.00	£979.00	\$969.00	\$599.00	\$1,469.00
20 User Licence Pack	£749.00	£459.00	£1129.00	\$1,119.00	\$689.00	\$1,689.00

Network Versions	Base Module	Module 1	Base & Module 1	Base Module	Module 1	Base & Module 1
1 User Licence	£79.00	£49.00	£119.00	\$119.00	\$69.00	\$179.00
5 User Licence	£249.00	£149.00	£369.00	\$369.00	\$219.00	\$549.00
10 User Licence	£459.00	£269.00	£669.00	\$689.00	\$399.00	\$999.00
15 User Licence	£599.00	£369.00	£899.00	\$899.00	\$549.00	\$1,349.00
Unlimited User Licence	£699.00	£429.00	£1049.00	\$1,049.00	\$639.00	\$1,569.00

Additional User's Guides	£9.95	\$14.95
--------------------------	-------	---------

DELIVERY AND PACKING CHARGES

The following delivery and packaging charges are standard for all licence packs and network licences. There is no delivery charge for Astute User's Guides.

Within the United Kingdom	£3.00	
Within the rest of Europe	£6.00	
For all other countries	£9.00	\$13.50

The above prices are subject to change without notice.

DDU Software, The University of Leeds, Old Medical School, Leeds LS2 9JT, UK.

Telephone: 44 (0) 113 233 4167 Fax: 44 (0) 113 233 5672

Astute Ordering Information

HOW TO ORDER

Please mail or fax your order to: DDU Software, The University of Leeds, Old Medical School, Leeds LS2 9JT, UK; Fax: 44 (0) 113 233 5672.

Orders will be accepted on official order forms or the attached Astute order form or by letter. Please state clearly the delivery address and contact person.

Alternately, you can telephone your order on 44 (0) 113 233 4167. Telephone orders that are not paid for by credit card (i.e. by invoice) should be confirmed by fax or mail.

HOW TO PAY

Invoice:

Established companies and government institutions may pay by 30-day invoice. The invoice will be sent with the software unless you request the invoice to be sent to a separate address. Payment details are given on the invoice.

Check-with-order:

When payment is made by check please ensure that the check is made payable to "ULIS Ltd" and crossed "A/C payee only". The check should be drawn in pounds sterling (GBP) on an account at a bank branch in the United Kingdom. Customers in the USA can choose to pay in US dollars (USD; see the dollar prices in the attached Astute price list) with a check that is drawn on an account at a bank branch in the USA.

Credit card:

The following credit cards may be used for payment: MasterCard, Access, Eurocard and Visa. Please ensure that the address of the card holder is given together with the card number and expiry date when ordering by mail or fax. All credit card payments are in GBP and therefore customers in the USA should quote the GBP prices when ordering by credit card (see attached Astute price list).

VALUE ADDED TAX (VAT)

VAT is payable by customers in the UK for all licence packs, network licences and charges for delivery and packaging unless they provide a VAT exemption certificate with the order. Customers within the other European Union countries should quote their VAT registration number in order for the goods to be zero rated. If EU customers do not have a VAT number, VAT will have to be charged at 17.5%. Customers from non EU countries do not have to pay VAT but may have to pay duty, customs and/or postal processing fees on delivery. No VAT is charged for the User's Guides in the UK or elsewhere.

DELIVERY

Orders will normally be processed within two working days and delivery will be by recorded first class mail in the UK or by recorded airmail in the rest of the world. Note that a signature will be required when the software is delivered. When payment is made by check-with-order from private individuals, DDU Software reserves the right to delay delivery of the software until the check has been cleared.

Astute Order Form

CUSTOMER'S DETAILS

Delivery Address:

Name: _____ Organisation: _____

Address: _____

Country: _____ Post code: _____

Telephone: _____ Fax: _____

Invoice Address (if different):

Name: _____ Organisation: _____

Address: _____

Country: _____ Post code: _____

ORDER DETAILS

New Order: Confirmation of Telephone Order:

Customer's Order Number:

VAT Reg. No:

Quantity	Product Description	Unit Price	Total Price
			0.00
			0.00
			0.00
			0.00

NOTE:

Full details of Astute prices and ordering information are available in the accompanying worksheets.

Postage & Packaging

VAT @ 17.5%

TOTAL

0.00

0.00

0.00

METHOD OF PAYMENT

Invoice: Cheque-with-order: **NOTE cheques should be payable to "ULIS Ltd".**

Credit Card: MasterCard Access Eurocard Visa

Card No: Expiry Date:

Signature of card holder: _____ Date: _____

Address of card holder: _____

Country: _____ Post code: _____