

spatialest

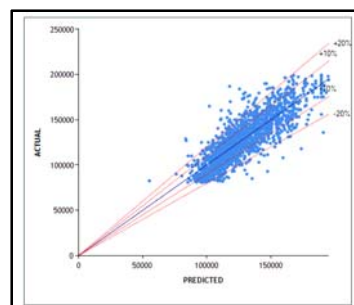
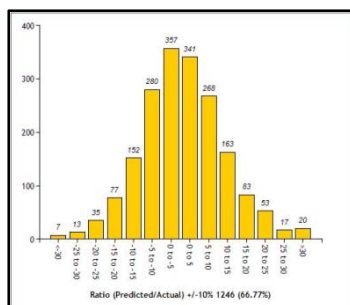
What is spatialest® EDA?

spatialest® EDA (Exploratory Data Analysis) is a toolset designed specifically for data manipulation and statistical analysis (including MRA) for the Assessment industry. spatialest® EDA dispels the requirement for a background in statistics by providing an easy to use statistics 'Wizard' to rapidly generate analysis. spatialest® EDA is seamlessly integrated with the spatialest® product - the only GIS based appraisal approach to valuation.



spatialest EDA Overview

spatialest® EDA is analysis made easy. Its primary purpose is as an analytical toolset designed to facilitate regression analysis to determine a level of similarity between property elements. In doing so it provides a means by which the user can 'clean up' the data, such as identify valid sales, treat 'nulls' a certain way, or apply an average or most common value to those records which have missing values.



Unlike other generic statistical software packages, spatialest® EDA has been developed specifically for the appraisal industry. As such a great deal of time and effort can be saved as all of the key functionality is centred on appraisal specific operations. For instance, time adjustments, ratio analysis, and missing value analysis can all be achieved from toolbars on the file menu. New variables can easily be computed using a predefined set of functions while a 'drag and drop' tool is available for grouping values.

spatialest® EDA 'Model Builder Wizard'

The spatialest® EDA 'Model Builder Wizard' empowers the user with the most intuitive model building solutions in the industry. At the click of a button the user can produce an MRA model (either Additive or Multiplicative) complete with performance statistics for review.

Additionally, the 'Model Builder Wizard' has built in checks to ensure that models are of sound statistical quality. For instance, the issue of multi-collinearity is addressed whereby the wizard will perform correlation checks and drop redundant variables.

More advanced users have the opportunity to customize these features or, if they prefer, generate their own MRA model outside of the wizard. However, we would still recommend that they utilize the functionality in this toolset as it provides a wealth of exploratory information about the key market drivers in the data that might be ignored in more independent analysis.

Core Benefits of spatialest EDA

- Provides a Simple and Intuitive 'Wizard' application for Multiple Regression Analysis
- No complex scripting language or coding needed
- Simple 'Drag and Drop' selection
- Comprehensive suite of functionality
- Designed specifically for the Assessment Industry
- Automatically generates recodes for categorical variables
- Creates XML output for reporting and dissemination
- Fully Interoperable with any CAMA system and related applications
- Built using .NET

spatialest EDA is also equipped with a comprehensive self-start and help guide which is aimed for someone with limited experience or background in using statistical analysis. This combined with our 'Introduction to spatialest EDA' training course is all that is required to get users operational. For clients with more specific requirements we offer advanced training courses and consultancy on request.

Frequently Asked Questions (FAQ's)

Included below are some frequently asked questions about our spatialest EDA® product.

- **Do I need to be proficient at statistics to be able to use spatialest EDA®?**
No, spatialest EDA® has been designed specifically for the appraisal industry to cater for the full spectrum of users. Just a base understanding of statistics is required to get novices building MRA models within a matter of hours.
- **What training is required?**
The 'Introduction to spatialest EDA®' training course lasts for 2 days after which time users will be proficient in the complete application.
- **Do I need to learn new syntax/programming languages?**
No. spatialest EDA obviates the need to learn new languages by packaging all of the core functionality in an intuitive user interface.
- **Do I need SPSS or NCSS as well?**
No. spatialest EDA will provide all the functionality required to develop predictive analysis.
- **Can I purchase spatialest EDA separately?**
Yes. spatialest EDA can be provided as a standalone application. When you upgrade to the spatialest product then EDA and all the associated models will be seamlessly incorporated.

Find out More

If you would like us to visit with you to demonstrate our product please contact us (info@spatialest.com)
You might also wish to talk with some of our users. References and contacts are available on request.
There is also a wealth of information on the spatialest product available online at: www.spatialest.com

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