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TextbookStatistical Advisor

Looking for info about statistics?
We wrote the book on it.
And you can read it for free!

- Elementary Concepts
- Statistics Glossary
- Basic Statistics
- ANOVA / MANOVA
- Association Rules
- Boosting Trees
- Canonical Analysis
- CHAID Analysis
- C & R Trees
- Classification Trees
- Cluster Analysis
- Correspondence Analysis
- Data Mining Techniques
- Discriminant Analysis
- Distribution Fitting
- Experimental Design
- Factor Analysis
- General Discrim. Analysis
- General Linear Models
- Generalized Additive Mod.
- Generalized Linear Mod.
- General Regression Mod.
- Graphical Techniques
- Ind.Components Analysis
- Linear Regression
- Log-Linear Analysis
- MARSplines
- Machine Learning
- Multidimensional Scaling
- Neural Networks
- Nonlinear Estimation
- Nonparametric Statistics
- Partial Least Squares
- Power Analysis
- Process Analysis
- Quality Control Charts
- Reliability / Item Analysis
- SEPATH (Structural eq.)
- Survival Analysis
- Text Mining
- Time Series / Forecasting

Statistical Advisor

Welcome to StatSoft's Statistical Advisor. Based on your answers to the successive questions about the nature of your research, the Statistical Advisor will suggest to you which statistical methods should be used and where to find them in the Electronic Statistics Textbook.

For each question, click on the appropriate answer to go to the next question or suggestion. If you wish to return to a previous question (or page) use the **Back** button of your browser.

If you are unsure of the answer to the question, click on the Get More Info hyperlink. It will be at the bottom of each topic page.

Do you want to:

1. Describe/summarize/tabulate data
2. Test hypotheses (predictions) about your data
3. Explore data and search for structure/patterns/factors/clusters
4. Compute statistics for industrial quality control/improvement
5. Perform (a) statistical power analysis, (b) sample size estimation, and (c) confidence interval estimation
6. Find out the meaning of a statistical term or concept
7. Explore distribution tables (Z Table, t Table, Chi-Square Table, F Tables for alpha)
8. Run analyses on enterprise-wide data stored in one or more complex databases
9. Explore large amounts of (typically business or market related) data in search for consistent patterns and/or systematic relationships between variables

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