

NCSS Procedure and Topic List (Alphabetical)

#

2SLS
2x2 Cross-Over Design
2x2 Table
3D Bar Charts
3D Bar Charts (2 Factors)
3D Line Charts
3D Line Charts (2 Factors)
3D Plots
3D Scatter Plots
3D Surface Plots

A

Absolute Risk
Accelerated Testing
Acceptable Quality Level
Acceptance Number
Acceptance Sampling
Acceptance Sampling for Attributes
Accuracy
Additive Model
Adjusted Kappa Statistic
Adjusted R-Squared
Adjustment
A-Efficiency
Agglomerative Hierarchical Clustering
Agreement
AIC
Akaike Information Criterion
Alias
Aliasing
All Possible Regressions
All Possible Subsets
Alpha - Cronbach's

Amplitude
Analysis of Covariance
Analysis of Deviance
Analysis of Runs
Analysis of Two-Level Designs
Analysis of Variance
Analysis of Variance for Balanced Data
ANCOVA
Anderson and Hauck's Test
Anderson-Darling Normality Test
Andrews' Sine
Angular Data Analysis
ANOVA
Anscombe Residuals
AOV
Appraisal
Appraisal Models
Appraisal Ratio Studies
AQL
Arcsine Square Root Hazard
Area Under Curve
Area Under ROC Curve
Area Under ROC Curve Confidence Interval
ARIMA
ARIMA (Box-Jenkins)
ARMA
Armitage Rank Correlation Test
Aspin-Welch Unequal-Variance T-Test
Assessment Models
Assigning Subjects to Groups
Assignment
Assignment Algorithm
Association - Partial and Marginal
Association and Correlation Statistics
Attribute Charts
AUC

AUC Confidence Interval
AUC Hypothesis Test
Autocorrelation Plots
Autocorrelation Regression
Autocorrelations
Automatic ARMA
Autoregressive Error Model
Average Absolute Deviation
Average Absolute Percent Error
Average-Difference Plots

B

Bablok Regression
Backcasting
Back-to-Back Stem-and-Leaf Plots
Backward Selection
Backward-Step Regression
Balanced ANOVA
Balanced Design Analysis of Variance
Balanced Incomplete Block Designs
Bar Charts
Bar Charts - 3D
Bar Charts (2 Factors)
Barnard Exact Test
Bartlett's Sphericity Test
Bartlett's Test
Batch Execution
Beta Distribution
Beta Distribution Fitting
Beta Probability
Beta Reliability Plots
Beta Trace
Beta Trace Plots
Between Factors
Biased Coin Randomization

NCSS Procedure and Topic List (Alphabetical)

BIB Designs
 BIBD
 Bimodal Data
 Binary Correlation
 Binary Diagnostic Tests
 Binary Diagnostic Tests - Clustered Samples
 Binary Diagnostic Tests - Paired Samples
 Binary Diagnostic Tests - Single Sample
 Binary Diagnostic Tests - Two Independent Samples
 Binary Integer Programming
 Binary Response
 Binomial Distribution
 Binomial Probability
 Binomial Test
 Binomial Test of Odds Ratio
 Binormal ROC Curve
 Bioequivalence
 Bioequivalence Tests
 Biserial Correlation
 Bivariate Normal Distribution
 Bivariate Normal Probability
 Bivariate Plots
 Biweight Kernel
 Blackwelder Test
 Blackwelder-Nam Confidence Interval
 Bland-Altman
 Bland-Altman Plot and Analysis
 Bland-Altman Plots
 Bleasdale-Nelder Model Fit
 Block Outlier Tests
 Blocked Designs
 Bonferroni Adjustment
 Bonferroni C.I.'s
 Bonferroni Test
 Bootstrap Confidence Interval
 Bootstrapping
 Border Plots
 Box Plots
 Box Plots (2 Factors)
 Box-and-Whisker Plots
 Box-Behnken Designs
 Box-Cox Algorithm
 Box-Cox for ANOVA
 Box-Cox for Linear Regression
 Box-Cox for One-Way ANOVA
 Box-Cox for Regression
 Box-Cox for T-Test
 Box-Cox Plots
 Box-Cox Power Transformation
 Box-Cox Transformation
 Box-Cox Transformation for Simple Linear Regression
 Box-Cox Transformation for Two or More Groups (T-Test and One-Way ANOVA)
 Box-Jenkins
 Box-Pierce-Ljung Statistic
 Box's M Test
 Breslow Ties
 Brown-Forsythe Test

C
 C Charts
 CA
 Calculator - Chi-Square
 Calculator - Odds Ratio and Proportions
 Calculator - Probability
 Calculator - Standard Deviation
 Calculator - Survival Parameters
 Caliper Matching
 Candidate Points Report
 Candidate Properties
 Canonical Coefficients
 Canonical Correlation
 Canonical Scores
 Canonical Scores Plots
 Canonical Variates
 Capability Analysis
 Capability Histograms
 Capacitated Flow
 Case-Control
 Cauchy Distribution
 CCC
 Cell Counts
 Censored Regression
 Censoring
 Centiles
 Central Moments
 Central-Composite Designs
 Centroid Linkage
 Change in Deviance Test
 Chen's Quasi-Exact Confidence Interval
 Chi-Square
 Chi-Square Distribution
 Chi-Square Effect Size Calculator
 Chi-Square Normality Test
 Chi-Square Plots
 Chi-Square Probability
 Chi-Square Probability Plots
 Chi-Square Test
 CIF
 Circular Correlation
 Circular Data Analysis
 Circular Data Correlation
 Circular Data Plots
 Circular Dispersion
 Circular Histograms
 Circular Statistics
 Circular Uniform Distribution
 Circular Variance
 Circularity
 CLSI
 Cluster Analysis
 Cluster Means
 Cluster Medoid
 Cluster Randomization
 Cluster Standard Deviations
 Clustered Binary Diagnostic Tests
 Clustering
 COC
 Cochran-Armitage Proportion Trend Test
 Cochran-Armitage Proportion Trend Test with Continuity Correction
 Cochran-Orcutt Procedure
 Cochran's Q Test
 COD
 Coefficient Alpha
 Coefficient of Concentration
 Coefficient of Dispersion
 Coefficient of Price-Related Bias
 Coefficient of Variation
 Coefficients
 Collinearity

NCSS Procedure and Topic List (Alphabetical)

| | | |
|--|--|-------------------------------------|
| Column Percentages | Confidence Intervals for Comparing Two AUCs | Counts Regression |
| Combining Distributions | Confidence Intervals for Comparing Two Paired AUCs | COV |
| Combo Charts | Confounding | Covariance |
| Combo Charts (2 Factors) | Constant Distribution | Covariance Analysis |
| Communality | Constant Variance Test | Covariance Eigenvalues |
| Comparability | Constraints | Covariance Matrix |
| Comparable Property | Consumer's Risk | Covariance Pattern |
| Comparables | Contaminated Normal Distribution | Covariates |
| Comparables Appraisal | Contingency Table Calculator | Cox Proportional Hazards Regression |
| Comparative Histograms | Contingency Tables | Cox Regression |
| Compare Distributions | Contingency Tables (Crosstabs / Chi-Square Test) | Cox Test |
| Compare Means | Continuity Correction | Cox-Mantel Logrank Test |
| Compare Probability Plots | Contour Maps | Cox-Snell Residuals |
| Compare Two Distributions | Contour Plots | Cp |
| Comparing Paired Difference Means | Control Charts | Cp Plots |
| Comparing Two AUCs | Control Limits | Cpk |
| Comparing Two Means | Cook's D | Cpkm |
| Comparing Two Paired AUCs | Cook's Distance | Cpm |
| Comparing Two ROC Curves - Independent Groups Design | Cophenetic Correlation | Cramer's V |
| Comparing Two ROC Curves - Paired Design | COR | Cronbach's Alpha |
| Competing Risks | Correlated Proportions | Cross Tabulation |
| Complete Linkage | Correlated T-Test | Cross-Correlations |
| Complete Randomization | Correlation | Cross-Correlations Plots |
| Compound Symmetry | Correlation - Kendall's Tau | Crossed Factors |
| Computing Runs | Correlation - Pearson | Cross-Over Analysis |
| Concordance Coefficient | Correlation - Point-Biserial | Cross-Over Analysis Using T-Tests |
| Concordance Correlation Coefficient | Correlation - Spearman | Cross-Over Design Analysis |
| Conditional Exact Confidence Interval - Odds Ratio | Correlation Coefficient | Cross-Over Means |
| Conditional Logistic Regression | Correlation Coefficient Distribution | Cross-Over Two Means |
| Conditional Mantel-Haenszel Test | Correlation Confidence Interval | Crosstabs |
| Conditional Probability | Correlation Distribution | CTR |
| Conditional Probability Plots | Correlation Eigenvalues | Cubic Model Fit |
| Confidence Band | Correlation Matrix | Cumulative Chart |
| Confidence Interval | Correlation Probability | Cumulative Distribution |
| Confidence Interval for Means | Correlation Statistics | Cumulative Hazard |
| Confidence Interval for Medians | Correlations - Partial | Cumulative Incidence |
| Confidence Interval for One Mean | Correlogram | Cumulative Incidence Plots |
| Confidence Interval for One Proportion | Correspondence Analysis | Cumulative Pareto Chart |
| Confidence Interval for Paired Means | Correspondence Plots | Cumulative Sum Charts |
| Confidence Interval for Proportions | Cosines | Cumulative Survival |
| Confidence Interval for SD | Cost-Benefit Analysis | Cumulative Survival Plots |
| Confidence Interval for SD Ratio | Count Tables | Curve Fitting |
| Confidence Interval for Standard Deviation | Counts | Curve Fitting - General |
| | | Curve Fitting Plots |
| | | Curve Fitting Scatter Plot Matrix |
| | | Curve Inequality Test |

NCSS Procedure and Topic List (Alphabetical)

Custom Comparisons
 Custom Model
 CUSUM Charts
 CV
 Cycle
 Cycle Regression
 Cycle-Input
 Cycles
 Cyclical Regression

D

D'Agostino Kurtosis Normality Test
 D'Agostino Omnibus Normality Test
 D'Agostino Skewness Normality Test
 Data Imputation
 Data List
 Data Matching
 Data Matching - Greedy
 Data Matching - Optimal
 Data Merge
 Data Plots
 Data Report
 Data Screening
 Data Simulation
 Data Stratification
 Database Merge
 Dataset Merge
 Death Density Function
 Decision Variables
 Decomposition Forecasting
 Decomposition Ratio Plots
 Defective
 D-Efficiency
 Deming Regression
 Dendrograms
 Density Plots
 Density Plots (2 Factors)
 Density Plots using Sunflowers
 Density Trace
 Descriptive Statistics
 Descriptive Statistics - Summary Lists
 Descriptive Statistics - Summary Tables
 Descriptive Tables
 Design Generator
 Design of Experiments

Detecting Outliers
 Determinant Analysis
 Deviance Residuals
 Deviance Test
 DFBETA
 DFCHI2
 DFDEV
 DFFITS
 Diagnostic Odds Ratio
 Diagnostic Tests
 Dichotomous Correlation
 Difference in Means
 Difference in Medians
 Difference in Proportions
 Difference vs. Average Plots
 Differencing
 Differential Evolution
 Discriminant Analysis
 Dispersion
 Dispersion Alpha
 Dispersion Phi
 Dissimilarity
 Dissimilarity Plots
 Distance
 Distance Metric
 Distribution
 Distribution (Weibull) Fitting
 Distribution Fitting
 Distribution Plots
 Distribution Simulation
 Distribution Statistics
 Distributions - Comparing
 DOE
 D-Optimal Designs
 Dose
 Dose-Response
 Dose-Response Plots
 Dot Plots
 Dot Plots - Border
 Dot Plots (2 Factors)
 Double Exponential Smoothing
 Draw Function
 Dual Simplex Algorithm
 Duncan's Test
 Dunnett's Confidence Intervals
 Dunnett's Test vs. a Control

Dunn's Partition Coefficient
 Dunn's Test
 Durbin-Watson Test
 Dwass-Steel-Critchlow-Fligner Test

E

Econometrics
 EDF
 EDF Plots
 Effect Size Calculator
 Effect-Equality Test
 Efron Ties
 Efron's Biased Coin Randomization
 Eigenvalues
 Eigenvectors
 EM Algorithm
 Empirical Distribution Function
 Empirical ROC Curve
 Endogeneity
 Endogenous Variables
 Enzyme Kinetics
 EP28-A3c
 Epanechnikov Kernel
 Equal Variance Tests
 Equality of Covariance
 Equal-Variance Test
 Equal-Variance Tests
 Equation Plots
 Equivalence of Two AUCs
 Equivalence of Two Paired AUCs
 Equivalence Test for Sensitivity
 Equivalence Test for Specificity
 Equivalence Tests
 Equivalence Tests using TOST
 Error-Bar Charts
 Error-Bar Charts (2 Factors)
 Error-Bar Charts from Summary Data
 Error-Bar Charts from Summary Data
 (2 Factors)
 Error-Bar Plots
 Errors-in-Variables Regression
 ESD Outliers
 Estimation of Property Values
 Euclidean Distance
 EWMA Charts

NCSS Procedure and Topic List (Alphabetical)

Exact Binomial Test
 Exact Conditional Binomial Test
 Exact Conditional Confidence Interval
 Exact Confidence Interval
 Exact Runs Test for Randomness
 Exact Runs Test for Serial Randomness
 Exact Test
 Exogenous Variables
 Expanded Design Matrix
 Expected Counts
 Expected Mean Squares
 Expected Normal Scores Test
 Experimental Design
 Exponential Distribution
 Exponential Error Regression
 Exponential Fit
 Exponential Model Fit
 Exponential Probability Plots
 Exponential Regression
 Exponential Smoothing
 Exponential Smoothing - Horizontal
 Exponential Smoothing - Trend
 Exponential Smoothing - Trend /
 Seasonal
 Exponentially Weighted Moving
 Average Chart
 Extreme Studentized Deviate
 Extreme Value Distribution
 Extreme Value Error Regression
 Extreme Value Fit
 Extreme Value Probability Plots
 Extreme Values

F

F Distribution
 F Probability
 Factor Analysis
 Factor Loadings
 Factorial Designs
 Factorial Mixed Models
 Failure Distribution
 Failure Probability
 Fall-out
 False Discovery Rate
 False Negative Rate

False Omission Rate
 False Positive Rate
 Farazdaghi and Harris Model Fit
 Farrington-Manning Score
 Fast Fourier Transform
 Feedback Model
 Fetal Size
 Final Tableau
 Fisher Conditional Exact Test
 Fisher Scoring
 Fisher's Exact Test
 Fisher's g1
 Fisher's g2
 Fisher's LSD Test
 Fisher's Z Transformation
 Fisher-Yates Test
 Five-Number Summary
 Fixed Effects Models
 Fixed Factor
 Fleiss Confidence Interval
 Fleming-Harrington Test
 Flexible Strategy Linkage
 Flow
 Forced Match
 Forecast Plots
 Forecasting
 Forest
 Forest Plots
 Formula Plots
 Forward Selection
 Forward-Step Regression
 Fourier Plots
 Fourier Series
 Fractional Factorial Design Analysis
 Fractional Factorial Designs
 Fractional Polynomial Regression
 Fractional Polynomials
 Freeman-Tukey Standardized Residual
 Frequencies
 Frequency Distribution
 Frequency Distribution Plots
 Frequency Tables
 Friedman's Q Statistic
 Friedman's Rank Test
 F-Test
 FT-SR

Function Plots
 Fuzzy Clustering

G

G Matrix
 G Statistic Test
 Gamma
 Gamma Distribution
 Gamma Distribution Fitting
 Gamma Plots
 Gamma Probability
 Gamma Probability Plots
 Gart-Nam Score
 Gauge Study
 Gehan Test
 Geisser-Greenhouse Adjustment
 General Linear Models
 General Linear Models (GLM)
 Generate Designs
 Generating Data
 Geometric Mean
 Geometric Regression
 Gleason-Staelin Redundancy Measure
 GLM
 Gompertz Model Fit
 Goodness-of-Fit Tests
 Graeco-Latin Square Designs
 Gray's Test
 Greedy Algorithm
 Greedy Data Matching
 Greedy Matching
 Greenwood's Formula
 Group Average Linkage
 Grubbs' Outlier Test
 Grubbs' Test
 Gumbel Distribution

H

Half-Normal Distribution
 Half-Normal Plots
 Half-Normal Probability Plots
 Harmonic Mean
 Harmonic Regression

NCSS Procedure and Topic List (Alphabetical)

| | | |
|---------------------------------------|--------------------------------------|---|
| Hat Diagonal | Hypergeometric Distribution | Kendall's Tau |
| Hat Values | Hypergeometric Probability | Kendall's Tau Correlation |
| Hat vs. Row Plots | | Kenward and Roger Method |
| Hausmans Test | | Kinetics |
| Hazard Function | I | K-Means Clustering |
| Hazard Function Plots | Imputation | Kolmogorov-Smirnov Normality Test |
| Hazard Rate | Imputing Data | Kolmogorov-Smirnov Test |
| Hazard Rate Conversion | I-MR Charts | k-Period Lag |
| Hazard Rate Plots | Incidence Plots | Kruskal-Wallis Test |
| Hazard Ratio | Incidence Rate | Kruskal-Wallis Z M. C. Test |
| Hazard Ratio Conversion | Incomplete Block Designs | Kuiper's Test |
| Heat Map | In-Control | Kurtosis |
| Hessian Matrix | Independence Tests | Kurtosis Normality Test |
| Heterogenous Variances | Individuals and Moving Range Charts | |
| Heterogeneity Test | Individuals Charts | L |
| Heteroscedasticity | Influence | L Matrix |
| Hierarchical Clustering | Inspection Plans | L'Abbe Plots |
| Hierarchical Clustering / Dendrograms | Instrument Variables | Lack-of-Fit Test |
| Hierarchical Forward Selection | Instrumental Variables | Lag |
| Hierarchical Models | Integer Programming | Lag Plots |
| Hierarchical Regression | Interquartile Range | Lambda |
| Hierarchical Subset Search | Inter-Rater Agreement (Kappa) | Lambda vs. SD Plots |
| Hill Model Fit | IQR | Laplace Distribution |
| Histograms | Isolines | Latin Square Design Analysis |
| Histograms - Border | Item Analysis | Latin Square Designs |
| Histograms - Comparative | Item Response Analysis | Lawley-Hotelling Trace |
| Histograms - Comparative (2 Factors) | Item Response Plots | Levenberg-Marquardt Nonlinear Least-Squares Algorithm |
| Histograms - Smoothed | | Levene's Equal Variance Test |
| Hoeffding Test | J | Levey-Jennings Charts |
| Holliday Model Fit | Jackknife Standard Error Estimation | Life-Table Analysis |
| Holt's Linear Trend | | Likelihood Ratio |
| Holt-Winters Exponential Smoothing | | Likelihood Ratio Test |
| Holt-Winters Forecasting | K | Likert-Scale Data |
| Homogeneity Test | K Analysis | Lilliefors' Critical Values |
| Homoskedasity | Kaplan-Meier | Limiting Quality Level |
| Horizontal Equity | Kaplan-Meier Curves | Limits of Agreement |
| Hotelling's One-Sample T2 | Kaplan-Meier Curves (Logrank Tests) | Line Charts |
| Hotelling's Paired-Sample T2 | Kappa Reliability Test | Line Charts - 3D |
| Hotelling's T2 Distribution | Kappa Statistic | Line Charts (2 Factors) |
| Hotelling's T2 Probability | Kappa Test for Inter-Rater Agreement | Linear Discriminant Function |
| Hotelling's Two-Sample T2 | Katz Logarithm Confidence Interval | Linear Discriminant Scores |
| Hsu's M. C. with the Best | Kaufman-Rousseeuw Algorithm | Linear Discriminant Scores Plots |
| Huber's Method | k-Category Runs Test for Randomness | Linear Mixed Model |
| Huynh-Feldt Epsilon | Kendall's Concordance Coefficient | Linear Model Fit |
| Hybrid Appraisal Models | | |
| Hyperbola | | |

NCSS Procedure and Topic List (Alphabetical)

Linear Programming
 Linear Programming with Bounds
 Linear Programming with Tableau
 Linear Regression
 Linear Regression - Box-Cox
 Linear Regression and Correlation
 Linear Regression Plots
 Linear-Linear Model Fit
 Linear-Linear-Linear Model Fit
 Linear-Logistic Model
 Linear-Quadratic Model Fit
 Linkage
 Lin's CCC
 Lin's Concordance Correlation Coefficient
 List Data
 Ljung Statistic
 LLM
 LoA
 Loadings
 Loadings Plots
 Loess
 Logarithmic Model Fit
 Logistic Distribution
 Logistic Error Regression
 Logistic Fit
 Logistic Model Fit
 Logistic Probability Plots
 Logistic Regression
 Logit
 Loglinear Models
 Log-Logistic Distribution
 Log-Logistic Error Regression
 Log-Logistic Fit
 Log-Logistic Probability Plots
 Log-Logistic Regression
 Lognormal Distribution
 Log-Normal Distribution
 Log-Normal Error Regression
 Log-Normal Fit
 Log-Normal Model Fit
 Log-Normal Plots
 Log-Normal Probability Plots
 Log-Normal Regression
 Logrank Test
 Longitudinal Data Analysis

Longitudinal Design
 Lot Proportion Defective
 Lot Tolerance Proportion Defective
 Lowess
 LP
 LQL
 LTPD

M
 MA Charts
 Macro Command Center
 Macros
 MAD
 MADM
 MAE
 Mahalanobis Distance
 Mallow's Cp
 Mallow's Cp
 Manhattan Distance
 Mann-Whitney Test
 MANOVA
 Mantel-Haenszel Confidence Intervals
 Mantel-Haenszel Logrank Test
 Mantel-Haenszel Test
 MAPDMMADM
 MAPE
 Mardia-Watson-Wheeler Uniform-Scores Test
 Marginal Association
 Market Value
 Martinez-Iglewicz Normality Test
 Martingale Residuals
 Mass Appraisal
 Matched
 Matching
 Matrix of Scatter Plots
 Mauchly's Test of Compound Symmetry
 Maximal Flow
 Maximum
 Maximum Flow
 McHenry's Select Algorithm
 McNemar Test
 MDS Map
 Mean Absolute Deviation

Mean Absolute Deviation from the Median
 Mean Comparison
 Mean Difference
 Mean Direction
 Mean Equality
 Mean Input
 Means
 Means Plots
 Measurement Error
 Median
 Median Absolute Deviation from the Median
 Median Absolute Percent Deviation from the Median
 Median Confidence Interval
 Median Linkage
 Median Remaining Lifetime
 Median Survival Time Conversion
 Median Test
 Medians
 Median-Slope Regression
 Medoid Clustering
 Medoid Partitioning
 Membership Matrix
 Merging Two Datasets
 M-Estimators
 Meta-Analysis
 Meta-Analysis of Correlated Proportions
 Meta-Analysis of Hazard Ratios
 Meta-Analysis of Means
 Meta-Analysis of Proportions
 Method Comparison
 Metric Multidimensional Scaling
 Michaelis-Menten Equation
 Michaelis-Menten Model Fit
 Miettinen-Nurminen Score
 Mill's Ratio
 Min MSE
 Min RMSE
 Minimum
 Minimum Cost Capacitated Flow
 Minimum Cost Flow
 Minimum MSE
 Minimum Path
 Minimum Required Difference

NCSS Procedure and Topic List (Alphabetical)

| | | |
|---|--|--|
| Minimum RMSE | Multiple-Group Logistic Regression | Nonlinear Regression |
| Minimum Spanning Forest | Multiplicative Model | Non-Metric Multidimensional Scaling |
| Minimum Spanning Tree | Multisample Test | Nonparametric |
| Minkowski Distance | Multivariate Analysis | Nonparametric Correlation |
| Miss Rate | Multivariate Analysis of Variance (MANOVA) | Nonparametric Multiple Comparison Test |
| Missing Count | Multivariate Normal | Nonparametric ROC Curves |
| Missing Value Estimation | Multivariate Normal Missing Value Estimation | Nonparametric Survival Estimation |
| MIVQUE | Multivariate Polynomial Ratio Fit | Nonparametric Tests |
| Mixed Integer Linear Programming | Multivariate Regression | Normal Distribution |
| Mixed Integer Programming | Multivariate T-Test | Normal Error Regression |
| Mixed Models | Multivariate Variable Selection | Normal Fit |
| Mixed Models - General | Multiway Frequency Analysis | Normal Model Fit |
| Mixed Models - No Repeated Measures | Multiway Table | Normal Probability |
| Mixed Models - Random Coefficients | | Normal Probability Plots |
| Mixed Models - Repeated Measures | | Normal Range |
| Mixing Distributions | | Normal Regression |
| Mixture Design | | Normal Scores Test |
| Mode | N | Normality Plots |
| Model Fitting | Nam Equivalence Test | Normality Test |
| Model Fitting for Appraisal | Nam Score Confidence Interval | Normality Tests |
| Model Searching | Nam Score Test | NP Charts |
| Modified Kuiper's Test | Nam-Blackwelder Confidence Interval | NPV |
| Modified Levene's Test | Nam-Blackwelder Test | Number Needed to Treat |
| Modified Peto-Peto Test | Nash's MRT Algorithm | Number of Runs |
| Moment | Nearest Neighbor Linkage | |
| Monomolecular Model Fit | Negative Binomial Distribution | |
| Monte-Carlo Simulation | Negative Binomial Probability | |
| Morgan-Mercer-Floding Model Fit | Negative Binomial Regression | |
| Mortality Ratio Conversion | Negative Likelihood Ratio | O |
| Mosaic Plots | Negative Predictive Value | Objective Function |
| Moving Average Charts | Nelson-Aalen Hazard | Observational Study Matching |
| Moving Range Charts | Nested Factors | Observational Study Stratification |
| MRT | Network | OC Curves |
| Multicollinearity | Network Flow | Odds Ratio |
| Multidimensional Scaling | Newman-Keuls Test | Odds Ratio and Proportions Calculator |
| Multi-Group Concentration Homogeneity Test | Newton-Raphson | Omnibus Normality Test |
| Multinomial Distribution | Nominal Logistic Regression | One Proportion |
| Multinomial Logistic Regression | Nonconforming | One Proportion Tests |
| Multinomial Test | Nondetects Analysis | One ROC Curve and Cutoff Analysis |
| Multiple Comparison Tests | Nondetects Data Regression | One-Sample T-Test |
| Multiple Regression | Nondetects-Data Group Comparison | One-Way Analysis of Variance |
| Multiple Regression - Basic | Non-Inferiority of Two AUCs | One-Way ANOVA |
| Multiple Regression for Appraisal | Non-Inferiority of Two Paired AUCs | Operating Characteristic Curves |
| Multiple Regression with Serial Correlation | Non-Inferiority Test for Sensitivity | Operating Characteristic Curves for Acceptance Sampling for Attributes |
| | Non-Inferiority Test for Specificity | Operations Research |
| | Non-Inferiority Tests | Optimal Criterion Value |

NCSS Procedure and Topic List (Alphabetical)

| | | |
|--------------------------------------|--|-------------------------------------|
| Optimal Data Matching | Pearson Correlation | Price-Related Bias |
| Optimal Matching | Pearson Residuals | Price-Related Differential |
| Optimal RHS | Pearson Test | Principal Components |
| Optimization | Pearson's Chi-Square Test | Principal Components Analysis |
| Original Cost | Pearson's Contingency Coefficient | Principal Components Regression |
| Orthogonal Arrays | Pepe and Mori's Test | Principal Coordinates |
| Orthogonal Contrasts | Percentages | Printing Data |
| Orthogonal Design | Percentile Plots | Prob Correct vs. Cutoff Plots |
| Orthogonal Polynomial Contrasts | Percentile Plots (2 Factors) | Probability Calculator |
| Orthogonal Regression | Percentiles | Probability Distribution |
| Outlier Detection | Period Plots | Probability Distribution Simulation |
| Outlier Test | Periodic Regression | Probability Ellipse |
| Outliers | Periodogram Plots | Probability of Failure |
| Out-of-Control | Peto-Peto Test | Probability Plot Comparison |
| Overdispersion | Phi | Probability Plots |
| | Pie Charts | Probit Analysis |
| <hr/> | Pillai's Trace | Probit Plots |
| P | Plackett-Burman Designs | Process Capability Ratio |
| P Charts | Planned Comparisons | Process Variation |
| Paired Comparisons | Plots | Producer's Risk |
| Paired Difference | Point Plots | Product Inspection Plans |
| Paired Means | Point-Biserial and Biserial Correlations | Product-Limit Estimator |
| Paired Proportions | Point-Biserial Correlation | Product-Limit Survivorship |
| Paired ROC Curves | Poisson Distribution | Product-Moment Correlation |
| Paired t-test | Poisson Probability | Profile Plots |
| Paired T-Test for Equivalence | Poisson Regression | Programming |
| Paired T-Test for Non-Inferiority | Poisson-Gamma Regression | Propensity Score |
| Parametric Hazard Rate | Polynomial Ratio | Propensity Score Matching |
| Parametric Survival (Weibull) | Polynomial Ratio Model Fit | Property Valuation |
| Regression | Polynomial Regression | Proportion - One |
| Parametric Survival Regression | Population Standard Deviation | Proportion Correctly Classified |
| Pareto Charts | Portmanteau Test | Proportion Trend Test |
| Partial Association | Positive Likelihood Ratio | Proportional Errors |
| Partial Autocorrelation | Positive Predictive Value | Proportional Hazards Regression |
| Partial Autocorrelation Plots | Power Model Fit | Proportions |
| Partial Correlation | Power Transformation | Proportions - Two |
| Partial Residual Plots | PPV | Proportions Calculator |
| Partition Around Medoids | PRB | Proportions Plot |
| Passing Bablok Regression | PRD | Proportions Tests |
| Passing Regression | Precision | |
| Passing-Bablok Regression for Method | Precision Measure | <hr/> |
| Comparison | Precision-to-Tolerance Ratio | Q |
| PC Regression | Predicted Values | QP |
| PCA | Prediction Limits | Quadratic Model Fit |
| Pearson Chi-square | PRESS Statistics | Quadratic Programming |
| Pearson Conditional Exact Test | Prevalence | Quadratic-Linear Model Fit |

NCSS Procedure and Topic List (Alphabetical)

Quadratic-Quadratic Model Fit
 Quality Control
 Quality Control Charts
 Quantile Regression
 Quantile Test
 Quantiles
 Quartiles
 Quartimax Rotation

R

R & R Study
 R Charts
 R Matrix
 Radial Plots
 Random Coefficients Models
 Random Effects Models
 Random Factor
 Random Models
 Random Numbers
 Random Sorting
 Random Sorting using Maximum Allowable % Deviation
 Random Subject Assignment
 Randomization Algorithms
 Randomization Lists
 Randomization Test
 Randomized Block Design
 Randomized Block Design Analysis
 Randomized Complete Block Design Analysis
 Randomness Tests
 Range
 Range Charts
 Rank Regression
 Ranks
 Rank-Sum Test
 Rater Reliability
 Ratio of Polynomials
 Ratio of Polynomials Fit
 Ratio of Polynomials Fit - Many Variables
 Ratio of Polynomials Fit - One Variable
 Ratio of Polynomials Search
 Ratio of Polynomials Search - Many Variables

Ratio of Polynomials Search - One Variable
 Ratio of Proportions
 Ratio of Standard Deviations
 Ratio Plots
 Ratio study
 Rayleigh Test
 Rbar
 Receiver Operating Characteristic Curve
 Reciprocal Model Fit
 Reference Bounds
 Reference Interval
 Reference Intervals
 Reference Intervals - Age-Specific
 Reference Range
 Regression
 Regression Clustering
 Regression Coefficients
 Regression Exchange Algorithm
 Regression for Appraisal
 Regression Plane
 Regression Plots
 Regression Scores Plots
 Regression Surface
 Relative Risk
 Relative Risk Reduction
 Reliability
 REML
 Repeatability
 Repeatability and Reproducibility Study
 Repeated Measures
 Repeated Measures
 Repeated Measures Analysis of Variance
 Repeated Measures Design Analysis
 Replicated Designs
 Reproducibility
 Resampling Test
 Residual Plots
 Residuals
 Response Surface
 Response Surface Designs
 Response Surface Regression
 Restricted Maximum Likelihood
 RHS

Richards Model Fit
 Ridge Regression
 Ridge Trace
 Ridge Trace Plots
 Risk Difference
 Risk Ratio
 Risk Reduction
 Robins Confidence Interval
 Robust
 Robust Linear Regression (Passing-Bablok Median-Slope)
 Robust Reference Interval
 Robust Regression
 Robust Residuals
 Robust Weight
 ROC Curves
 Root MSE
 Root MSE Plots
 Rose Plots
 Rosner's Outlier Test
 Row Percentages
 Row-Column Independence Test
 Roy's Largest Root
 R-Squared
 R-Squared Plots
 RStudent Residuals
 Runs Analysis
 Runs Charts
 Runs Test for Serial Randomness
 Runs Tests

S

s Charts
 S Distribution
 S Probability
 Sale Date Adjustment
 Sale Price Adjustment
 Sales Comparison Approach
 Sales Ratio Study
 Sample Correlation Coefficient
 Sample Standard Deviation
 Sampling Plans
 Sbar
 Scaled Schoenfeld's Residuals
 Scatter Diagram

NCSS Procedure and Topic List (Alphabetical)

Scatter Plot Matrix
 Scatter Plot Matrix for Curve Fitting
 Scatter Plots
 Scatter Plots with Error Bars
 Scatter Plots with Error Bars from Summary Data
 Scattergraph
 Scheffe's Test
 Schoenfeld's Residuals
 Schoenfeld's Residuals Plots
 Schuirmann's Two One-Sided Tests
 Score
 Score Coefficients
 Score Test
 Score Tests
 Scores Plots
 Scree Plots
 Screening Data
 Screening Designs
 Scripting Language
 Scripts
 SD
 SD Ratio
 SE
 Seasonal Differencing
 Seasonality
 Sensitivity
 Sensitivity Confidence Interval
 Sensitivity Equivalence Tests
 Sensitivity Hypothesis Tests
 Sensitivity Non-Inferiority Tests
 Sequence Plots
 Sequential Models
 Serial Correlation
 Serial Correlation Plots
 Serial Randomness
 Shapiro-Wilk Normality Test
 Shewhart
 Shinozaki and Kira Model Fit
 Shortest Path
 Shortest Route
 Show Data
 Sigma Limits
 Sign Test
 Signal-to-Noise Ratio
 Signed-Rank Test
 Silhouettes
 Similarity of Properties
 Simple Average Linkage
 Simple Correlation Coefficient
 Simple Deming Regression
 Simple Linear Correlation
 Simple Linear Regression
 Simplex Algorithm
 Simulate Data
 Simulate Distribution
 Simulation
 Simulator
 Simultaneous C.I.'s
 Sines
 Single Linkage
 Single Property Appraisal
 Single-Sample k-category Runs Test for Randomness
 Single-Sample Runs Test for Randomness
 Single-Sample Runs Test for Serial Randomness
 Single-Sample Runs Tests
 Sinusoidal Pattern
 Sinusoidal Regressions
 Skewed Distribution
 Skewness
 Skewness Normality Test
 Slice
 Slopes - Testing for Equal
 Smith's Randomization
 Smoothed Histograms
 Snedecor's F Distribution
 Spanning Tree
 Spath Algorithm
 Spearman Correlation
 Spearman Rank Correlation
 Specificity
 Specificity Confidence Interval
 Specificity Equivalence Tests
 Specificity Hypothesis Tests
 Specificity Non-Inferiority Tests
 Spectral Analysis
 Spectrum Plots
 Sphericity Test
 Spine Plots
 Spline
 Split-Plot Design Analysis
 Split-Plot Design Generation
 Stage Regression
 Standard Deviation
 Standard Deviation Calculator
 Standard Deviation Charts
 Standard Deviation Confidence Interval
 Standard Deviation Confidence Limits
 Standard Deviation Conversion
 Standard Deviation Ratio
 Standard Error
 Standardized Canonical Coefficients
 Standardized Residuals
 Stem-and-Leaf Plots
 Stem-Leaf Plots
 Step-Down Selection
 Stephens Test
 Step-Up Selection
 Stepwise Regression
 Stepwise Selection
 Strata
 Stratification of Data
 Stratified Logistic Regression
 Stratum
 Stress
 Stress A
 Stress B
 Stress Plots
 Studentized Deviance Residuals
 Studentized Pearson Residuals
 Studentized Range Distribution
 Studentized Range Probability
 Student's T Distribution
 Student's T Probability
 Subdistribution Hazards
 Subject Plots
 Subject Property
 Subset Selection
 Subset Selection in Multiple Regression
 Subset Selection in Multivariate Y Multiple Regression
 Sum of Exponentials Model Fit
 Sum of Functions Models
 Sum-Difference Plots
 Summary Data

NCSS Procedure and Topic List (Alphabetical)

Summary Lists
 Summary Statistics Input
 Summary Tables
 Sums
 Sunflower Plots
 Superiority Tests
 Surface Plots
 Surface Plots - 3D
 Survival Analysis
 Survival Curves
 Survival Distribution Fitting
 Survival Function
 Survival Parameter Conversion Tool
 Survival Plots
 Survival Quantiles
 Survival Regression
 Survivorship - Beta Plots
 Survivorship - Gamma Plots
 Survivorship Plots
 Symmetric Lambda

Time Calculator
 Time Series
 Time Series Plots
 Tolerance Intervals
 Tolerance Limits
 Tolerance R & R
 Topographical Map
 TOST
 TOST Equivalence Test
 Transference
 Transformations
 Transformations - Box-Cox
 Transformations - Power
 Transformations to Normality
 Transportation
 Transportation Algorithm
 Transshipment
 Tree
 Treemap Plots
 Trend Plots
 Trimmed Mean
 Trimmed Standard Deviation

Two Means - Confidence Interval
 Two Means Cross-Over
 Two Proportions
 Two Proportions - Equivalence Tests
 Two Proportions - Non-Inferiority Tests
 Two Proportions - Superiority Tests
 Two Proportions - Two-Sided Tests vs. a Margin
 Two-by-Two Tables
 Two-Level Design Analysis
 Two-Level Designs
 Two-level Factorial Designs
 Two-Sample T-Test
 Two-Sample T-Test - Equivalence
 Two-Sample T-Test - Non-Inferiority
 Two-Sample T-Test from Means and SD's
 Two-sided Tests vs. a Margin
 Two-Stage Least Squares
 Two-Treatment Cross-Over Analysis
 Two-Way Tables

T

T Distribution
 T2
 Table of Means
 Table Percentages
 Table Statistics
 Tableau
 Tables - Descriptive
 Taguchi Designs
 Tarone-Ware Test
 Terry-Hoeffding Test
 Test for Serial Randomness
 Test of Normality
 Testing Equivalence with Two Independent Samples
 Testing Non-Inferiority with Two Independent Samples
 Tests for Randomness
 Tests for Runs
 Tests for Two AUCs
 Tests for Two Paired AUCs
 Tests for Two-Factor Interactions
 Theoretical ARMA
 Three-Dimensional Data Plots

True Negative Rate
 True Positive Rate
 Tschuprow's T
 TSLS
 T-Test
 T-Tests
 T-Tests - Aspin-Welch
 T-Tests - Equivalence
 T-Tests - Non-Inferiority
 T-Tests - Paired
 Tukey-Kramer Simultaneous Confidence Intervals
 Tukey-Kramer Test
 Tukey's Biweight
 Tukey's Lambda Distribution
 Two Correlated Proportions
 Two Correlated Proportions - Equivalence Tests
 Two Correlated Proportions - Non-Inferiority Tests
 Two Correlated Proportions - Superiority Tests
 Two Correlated Proportions (McNemar Test)
 Two Means

U

U Charts
 Unconditional Exact Farrington-Manning Score Test
 Unequal Variances Tests
 Unequal-Variance T-Tests
 Uniform Distribution
 Uniform Kernel
 Uniform Probability Plots
 Uniformity Test
 Unweighted Means F-Test
 Up-Down Runs Test
 UWM F-Test

V

Van der Waerden Test
 Variable Matching
 Variable Selection
 Variable Selection for Multivariate Regression
 Variable-Variate Correlations
 Variance

NCSS Procedure and Topic List (Alphabetical)

Variance Equality Tests
 Variance Inflation Factor
 Variance Inflation Factor Plots
 Variance Ratio Equal-Variance Test
 Variance Ratio Test
 Variance Test
 Variance-Covariance Matrix
 Variation
 Varimax Rotation
 Vertical Equity
 VIF
 VIF Plots
 Violin Plots
 Von Mises Distribution

W

Wald Confidence Interval
 Wald Statistic
 Wald Test
 Wald test of difference
 Wald Z Confidence interval
 Wald Z Continuity Correction
 Wald Z Test
 Wald-Wolfowitz Runs Test
 Walters Confidence Interval
 Ward's Minimum Variance Linkage
 Watson and Williams Test
 Watson Test
 Watson-Williams F-Test
 Watson-Williams High Concentration
 F-Test
 Wave Regression
 Weibull Distribution
 Weibull Error Regression
 Weibull Fit
 Weibull Fitting
 Weibull Model Fit
 Weibull Probability
 Weibull Probability Plots
 Weibull Regression
 Weighted Coefficient of Dispersion
 Weighted Coefficient of Variation
 Weighted Deming Regression
 Weighted Kappa
 Weighted Kappa Reliability Test

Weighted Kappa Statistic
 Weighted Kappa Test for Inter-Rater
 Agreement
 Wei's Urn Randomization
 Welch's Test with Unequal Variances
 Westgard Rules
 Westlake's Confidence Interval
 Whiskers
 Wilcoxon Rank-Sum Test
 Wilcoxon Signed-Rank Test
 Wilcoxon Test
 Wilcoxon-Mann-Whitney Test
 Wilcoxon-Mann-Whitney Two One-
 Sided Tests
 Wilks' Lambda
 Wilson Score
 Wilson Score Confidence Interval
 Winters Forecasting
 Wireframe Plots
 Within Factors
 Woolf's Confidence Interval
 Woolf's Confidence Limits
 Woolf's Odds Ratio Analysis
 Working-Hotelling C.I. Band
 Working-Hotelling Limits

X

X-bar and R Charts
 X-bar and s Charts
 Xbar Charts
 X-bar Charts
 X-Y Plots
 X-Y-Z Plots

Y

Y vs X Plots
 Yates' Continuity Corrected Chi-Square
 Test
 Yhat
 Youden Index
 Yule-Walker

Z

Zero-Effect Test
 Zero-Inflated Negative Binomial
 Regression
 Zero-Inflated Poisson Regression
 Zones
 Z-Tests