

# 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

Alpha Spending  
Amplitude  
Analysis of 2x2 Cross-Over Designs using T-Tests  
Analysis of 2x2 Cross-Over Designs using T-Tests for Equivalence  
Analysis of 2x2 Cross-Over Designs using T-Tests for Non-Inferiority  
Analysis of 2x2 Cross-Over Designs using T-Tests for Superiority by a Margin  
Analysis of Covariance  
Analysis of Covariance (ANCOVA) with Two Groups  
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  
Angular Transformation of Proportions  
ANOVA  
Anscombe Residuals  
AOV  
Appraisal  
Appraisal Models  
Appraisal Ratio Studies  
AQL  
ArcSin Transformation  
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  
At-Risk Table  
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

## NCSS Procedure and Topic List (Alphabetical)

Bar Charts - 3D	Bland-Altman Plots	Calculator - Standard Deviation
Bar Charts (2 Factors)	Bleasdale-Nelder Model Fit	Calculator - Survival Parameters
Barnard Exact Test	Block Outlier Tests	Caliper Matching
Bartlett's Sphericity Test	Block Randomization	Candidate Points Report
Bartlett's Test	Blocked Designs	Candidate Properties
Batch Execution	Bonferroni	Canonical Coefficients
Beta Distribution	Bonferroni Adjustment	Canonical Correlation
Beta Distribution Fitting	Bonferroni C.I.'s	Canonical Scores
Beta Probability	Bonferroni Multiple Comparisons of Proportions versus a Control	Canonical Scores Plots
Beta Reliability Plots	Bonferroni Test	Canonical Variates
Beta Spending	Bootstrap Confidence Interval	Capability Analysis
Beta Trace	Bootstrapping	Capability Histograms
Beta Trace Plots	Border Plots	Capacitated Flow
Between Factors	Boundary Plot	Case-Control
Biased Coin Randomization	Box Plots	Cauchy Distribution
BIB Designs	Box Plots (2 Factors)	CCC
BIBD	Box-and-Whisker Plots	Cell Counts
Bimodal Data	Box-Behnken Designs	Censored Regression
Binary Correlation	Box-Cox Algorithm	Censoring
Binary Diagnostic Tests	Box-Cox for ANOVA	Centers
Binary Diagnostic Tests - Clustered Samples	Box-Cox for Linear Regression	Centiles
Binary Diagnostic Tests - Paired Samples	Box-Cox for One-Way ANOVA	Central Moments
Binary Diagnostic Tests - Single Sample	Box-Cox for Regression	Central-Composite Designs
Binary Diagnostic Tests - Two Independent Samples	Box-Cox for T-Test	Centroid Linkage
Binary Integer Programming	Box-Cox Plots	Change in Deviance Test
Binary Response	Box-Cox Power Transformation	Chen's Quasi-Exact Confidence Interval
Binding Futility Boundary	Box-Cox Transformation	Chi-Square
Binomial Distribution	Box-Cox Transformation for Simple Linear Regression	Chi-Square Distribution
Binomial Probability	Box-Cox Transformation for Two or More Groups (T-Test and One-Way ANOVA)	Chi-Square Effect Size Calculator
Binomial Test	Box-Jenkins	Chi-Square Normality Test
Binomial Test of Odds Ratio	Box-Pierce-Ljung Statistic	Chi-Square Plots
Binormal ROC Curve	Box's M Test	Chi-Square Probability
Bioequivalence	Breslow Ties	Chi-Square Probability Plots
Bioequivalence Tests	Brown-Forsythe Test	Chi-Square Test
Biserial Correlation		CIF
Bivariate Normal Distribution		Circular Correlation
Bivariate Normal Probability	<b>C</b>	Circular Data Analysis
Bivariate Plots	C Charts	Circular Data Correlation
Biweight Kernel	CA	Circular Data Plots
Blackwelder Test	Calculator - Chi-Square	Circular Dispersion
Blackwelder-Nam Confidence Interval	Calculator - Odds Ratio and Proportions	Circular Histograms
Bland-Altman	Calculator - Probability	Circular Statistics
Bland-Altman Plot and Analysis		Circular Uniform Distribution
		Circular Variance
		Circularity
		CLSI

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Cluster Analysis	Comparing Paired Difference Means	Confidence Band
Cluster Means	Comparing Two AUCs	Confidence Interval
Cluster Medoid	Comparing Two Hazard Rates - Group-Sequential	Confidence Interval for Means
Cluster Proportions	Comparing Two Hazard Rates - Group-Sequential - Non-Inferiority	Confidence Interval for Medians
Cluster Randomization	Comparing Two Hazard Rates - Group-Sequential - Superiority by a Margin	Confidence Interval for One Mean
Cluster Randomization - Create Cluster Means Dataset	Comparing Two Means	Confidence Interval for One Proportion
Cluster Randomization - Create Cluster Proportions Dataset	Comparing Two Means - Group-Sequential	Confidence Interval for Paired Means
Cluster Randomization - Create Cluster Rates Dataset	Comparing Two Means - Non-Inferiority - Group-Sequential	Confidence Interval for Proportions
Cluster Rates	Comparing Two Means - Superiority by a Margin - Group-Sequential	Confidence Interval for SD
Cluster Standard Deviations	Comparing Two Paired AUCs	Confidence Interval for SD Ratio
Cluster Survival	Comparing Two Proportions - Group-Sequential	Confidence Interval for Standard Deviation
Clustered Binary Diagnostic Tests	Comparing Two Proportions - Non-Inferiority - Group-Sequential	Confidence Intervals for Comparing Two AUCs
Clustered Heat Maps (Double Dendrograms)	Comparing Two Proportions - Superiority by a Margin - Group-Sequential	Confidence Intervals for Comparing Two Paired AUCs
Clustering	Comparing Two ROC Curves - Independent Groups Design	Confounding
COC	Comparing Two ROC Curves - Paired Design	Constant Distribution
Cochran-Armitage Proportion Trend Test	Comparing Two Survival Curves - Group-Sequential	Constant Variance Test
Cochran-Armitage Proportion Trend Test with Continuity Correction	Comparing Two Survival Curves - Group-Sequential - Non-Inferiority	Constraints
Cochrane-Orcutt Procedure	Comparing Two Survival Curves - Group-Sequential - Superiority by a Margin	Consumer's Risk
Cochran's Q Test	Competing Risks	Contaminated Normal Distribution
COD	Complete Linkage	Contingency Table Calculator
Coefficient Alpha	Complete Randomization	Contingency Tables
Coefficient of Concentration	Compound Symmetry	Contingency Tables (Crosstabs / Chi-Square Test)
Coefficient of Dispersion	Computing Runs	Continuity Correction
Coefficient of Price-Related Bias	Concordance Coefficient	Contour Maps
Coefficient of Variation	Concordance Correlation Coefficient	Contour Plots
Coefficients	Conditional Exact Confidence Interval - Odds Ratio	Control Charts
Collinearity	Conditional Logistic Regression	Control Limits
Column Percentages	Conditional Mantel-Haenszel Test	Cook's D
Combining Distributions	Conditional Power	Cook's Distance
Combo Charts	Conditional Probability	Cophenetic Correlation
Combo Charts (2 Factors)	Conditional Probability Plots	COR
Communality		Correlated Proportions
Comparability		Correlated T-Test
Comparable Property		Correlation
Comparables		Correlation - Kendall's Tau
Comparables Appraisal		Correlation - Pearson
Comparative Histograms		Correlation - Point-Biserial
Compare Distributions		Correlation - Spearman
Compare Means		Correlation Coefficient
Compare Probability Plots		Correlation Coefficient Distribution
Compare Two Distributions		Correlation Confidence Interval
		Correlation Distribution
		Correlation Eigenvalues

## NCSS Procedure and Topic List (Alphabetical)

Correlation Matrix  
 Correlation Probability  
 Correlation Statistics  
 Correlations - Partial  
 Correlogram  
 Correspondence Analysis  
 Correspondence Plots  
 Cosines  
 Cost-Benefit Analysis  
 Count Adjustment  
 Count Tables  
 Counts  
 Counts Regression  
 COV  
 Covariance  
 Covariance Analysis  
 Covariance Eigenvalues  
 Covariance Matrix  
 Covariance Pattern  
 Covariates  
 Cox Proportional Hazards Regression  
 Cox Regression  
 Cox Test  
 Cox-Mantel Logrank Test  
 Cox-Snell Residuals  
 Cp  
 Cp Plots  
 Cpk  
 Cpkm  
 Cpm  
 Cramer's V  
 Cronbach's Alpha  
 Cross Tabulation  
 Cross-Correlations  
 Cross-Correlations Plots  
 Crossed Factors  
 Cross-Over Analysis  
 Cross-Over Design Analysis  
 Cross-Over Means  
 Cross-Over Two Means  
 Crosstabs  
 CTR  
 Cubic Model Fit  
 Cumulative Chart  
 Cumulative Distribution  
 Cumulative Hazard  
 Cumulative Incidence  
 Cumulative Incidence Plots  
 Cumulative Pareto Chart  
 Cumulative Sum Charts  
 Cumulative Survival  
 Cumulative Survival Plots  
 Curve Fitting  
 Curve Fitting - General  
 Curve Fitting Plots  
 Curve Fitting Scatter Plot Matrix  
 Curve Inequality Test  
 Custom Comparisons  
 Custom Model  
 CUSUM Charts  
 CUSUM Test  
 CV  
 Cycle  
 Cycle Regression  
 Cycle-Input  
 Cycles  
 Cyclical Regression  
 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 Hazard Rates - Group-Sequential  
 Difference in Hazard Rates - Group-Sequential - Non-Inferiority  
 Difference in Hazard Rates - Group-Sequential - Superiority by a Margin  
 Difference in Means  
 Difference in Means - Group Sequential  
 Difference in Means - Group-Sequential  
 Difference in Means - Non-Inferiority - Group-Sequential  
 Difference in Means - Superiority by a Margin - Group-Sequential  
 Difference in Medians  
 Difference in Proportions  
 Difference in Proportions - Group-Sequential  
 Difference in Proportions - Non-Inferiority - Group-Sequential

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**D**  
 D'Agostino Kurtosis Normality Test  
 D'Agostino Omnibus Normality Test  
 D'Agostino Skewness Normality Test  
 Data Fitting  
 Data Imputation  
 Data List  
 Data Matching  
 Data Matching - Greedy  
 Data Matching - Optimal  
 Data Merge  
 Data Plots  
 Data Report  
 Data Sampling  
 Data Screening  
 Data Simulation  
 Data Stratification  
 Database Merge  
 Dataset Merge  
 Dataset Sampling  
 Death Density Function  
 Decision Variables  
 Decomposition Forecasting

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Difference in Proportions - Superiority by a Margin - Group-Sequential	Dwass-Steel-Critchlow-Fligner Test	Euclidean Distance
Difference in Survival Curves - Group-Sequential		EWMA Charts
Difference in Survival Curves - Group-Sequential - Non-Inferiority	<hr/>	Exact Binomial Test
Difference in Survival Curves - Group-Sequential - Superiority by a Margin	<b>E</b>	Exact Conditional Binomial Test
Difference vs. Average Plots	Econometrics	Exact Conditional Confidence Interval
Differencing	EDF	Exact Confidence Interval
Differential Evolution	EDF Plots	Exact Runs Test for Randomness
Discriminant Analysis	Effect Size Calculator	Exact Runs Test for Serial Randomness
Dispersion	Effect-Equality Test	Exact Test
Dispersion Alpha	Efficacy Boundaries	Exogenous Variables
Dispersion Phi	Efron Ties	Expanded Design Matrix
Dissimilarity	Efron's Biased Coin Randomization	Expected Counts
Dissimilarity Plots	Eigenvalues	Expected Mean Squares
Distance	Eigenvalues of a Correlation Matrix	Expected Normal Scores Test
Distance Metric	Eigenvector Plot	Experimental Design
Distribution	Eigenvectors	Exponential Distribution
Distribution (Weibull) Fitting	Eigenvectors of a Correlation Matrix	Exponential Error Regression
Distribution Fitting	EM Algorithm	Exponential Fit
Distribution Plots	Empirical Distribution Function	Exponential Model Fit
Distribution Simulation	Empirical ROC Curve	Exponential Probability Plots
Distribution Statistics	Endogeneity	Exponential Regression
Distributions - Comparing	Endogenous Variables	Exponential Smoothing
DOE	Enzyme Kinetics	Exponential Smoothing - Horizontal
D-Optimal Designs	EP28-A3c	Exponential Smoothing - Trend
Dose	Epanechnikov Kernel	Exponential Smoothing - Trend / Seasonal
Dose-Response	Equal Variance Tests	Exponentially Weighted Moving Average Chart
Dose-Response Plots	Equality of Covariance	Extreme Studentized Deviate
Dot Plots	Equal-Variance Test	Extreme Value Distribution
Dot Plots - Border	Equal-Variance Tests	Extreme Value Error Regression
Dot Plots (2 Factors)	Equation Plots	Extreme Value Fit
Double Dendrograms	Equivalence	Extreme Value Probability Plots
Double Exponential Smoothing	Equivalence of Two AUCs	Extreme Values
Draw Function	Equivalence of Two Paired AUCs	
Dual Simplex Algorithm	Equivalence Test for Sensitivity	<hr/>
Duncan's Test	Equivalence Test for Specificity	<b>F</b>
Dunnnett Multiple Comparisons of Proportions versus a Control	Equivalence Tests	F Distribution
Dunnnett's Confidence Intervals	Equivalence Tests using TOST	F Probability
Dunnnett's Test vs. a Control	Error-Bar Charts	Factor Analysis
Dunn's Partition Coefficient	Error-Bar Charts (2 Factors)	Factor Loadings
Dunn's Test	Error-Bar Charts from Summary Data	Factorial Design Analysis
Durbin-Watson Test	Error-Bar Charts from Summary Data (2 Factors)	Factorial Designs
	Error-Bar Plots	Factorial Mixed Models
	Errors-in-Variables Regression	Failure Distribution
	ESD Outliers	Failure Probability
	Estimation of Property Values	

## NCSS Procedure and Topic List (Alphabetical)

Fall-out	Friedman's Rank Test	Group-Sequential Analysis for Two Means with Known Variances
False Discovery Rate	F-Test	Group-Sequential Analysis for Two Proportions
False Negative Rate	FT-SR	Group-Sequential Design - Logrank Test
False Omission Rate	Function Plots	Group-Sequential Design - One Mean
False Positive Rate	Futility Boundaries	Group-Sequential Design - Two Hazard Rates
Farazdaghi and Harris Model Fit	Fuzzy Clustering	Group-Sequential Design - Two Hazard Rates - Non-Inferiority
Farrington-Manning Score		Group-Sequential Design - Two Hazard Rates - Superiority by a Margin
Fast Fourier Transform		Group-Sequential Design - Two Means
Feedback Model	<b>G</b>	Group-Sequential Design - Two Means - Non-Inferiority
Fetal Size	G Matrix	Group-Sequential Design - Two Means - Superiority by a Margin
Final Tableau	G Statistic Test	Group-Sequential Design - Two Proportions
Fisher Conditional Exact Test	Gamma	Group-Sequential Design - Two Proportions - Non-Inferiority
Fisher Scoring	Gamma Distribution	Group-Sequential Design - Two Proportions - Superiority by a Margin
Fisher's Exact Test	Gamma Distribution Fitting	Group-Sequential Design - Two Survival Curves
Fisher's g1	Gamma Plots	Group-Sequential Design - Two Survival Curves - Non-Inferiority
Fisher's g2	Gamma Probability	Group-Sequential Design - Two Survival Curves - Superiority by a Margin
Fisher's LSD Test	Gamma Probability Plots	Group-Sequential Non-Inferiority Analysis for Two Hazard Rates
Fisher's Z Transformation	Gart-Nam Score	Group-Sequential Non-Inferiority Analysis for Two Means with Known Variances
Fisher-Yates Test	Gauge Study	Group-Sequential Non-Inferiority Analysis for Two Proportions
Five-Number Summary	Gehan Test	Group-Sequential Non-Inferiority T-Tests for Two Means
Fixed Effects Models	Geisser-Greenhouse Adjustment	Group-Sequential Superiority by a Margin Analysis for Two Hazard Rates
Fixed Factor	General Linear Models	Group-Sequential Superiority by a Margin Analysis for Two Means with Known Variances
Fleiss Confidence Interval	General Linear Models (GLM)	Group-Sequential Superiority by a Margin Analysis for Two Proportions
Fleming-Harrington Test	General Linear Models (GLM) for Fixed Factors	
Flexible Strategy Linkage	Generate Designs	
Flow	Generating Data	
Forced Match	Geometric Mean	
Forecast Plots	Geometric Regression	
Forecasting	Gleason-Staelin Redundancy Measure	
Forest	GLM	
Forest Plots	Gompertz Model Fit	
Formula Plots	Goodness-of-Fit Tests	
Forward Selection	Graeco-Latin Square Designs	
Forward-Step Regression	Gray's Test	
Fourier Plots	Greedy Algorithm	
Fourier Series	Greedy Data Matching	
Fractional Factorial Design Analysis	Greedy Matching	
Fractional Factorial Designs	Greenwood's Formula	
Fractional Polynomial Regression	Group Average Linkage	
Fractional Polynomials	Group Comparison Plots	
Freeman-Tukey Standardized Residual	Group-Sequential	
Frequencies	Group-Sequential Analysis for One Mean with Known Variance	
Frequency Distribution	Group-Sequential Analysis for Two Hazard Rates	
Frequency Distribution Plots		
Frequency Tables		
Friedman's Q Statistic		

## NCSS Procedure and Topic List (Alphabetical)

Group-Sequential Superiority by a Margin T-Tests for Two Means	Hazard Function Plots	Hotelling's T2 Distribution
Group-Sequential Tests	Hazard Rate	Hotelling's T2 Probability
Group-Sequential Tests for Logrank Tests	Hazard Rate Conversion	Hotelling's Two-Sample T2
Group-Sequential Tests for One Mean	Hazard Rate Plots	Hsu's M. C. with the Best
Group-Sequential Tests for Two Hazard Rates	Hazard Rates Group-Sequential	Huber's Method
Group-Sequential Tests for Two Hazard Rates - Non-Inferiority	Hazard Rates Group-Sequential - Non-Inferiority	Huynh-Feldt Epsilon
Group-Sequential Tests for Two Hazard Rates - Superiority by a Margin	Hazard Rates Group-Sequential - Superiority by a Margin	Hybrid Appraisal Models
Group-Sequential Tests for Two Means - Non-Inferiority	Hazard Rates Two Group-Sequential - Non-Inferiority	Hyperbola
Group-Sequential Tests for Two Means - Superiority by a Margin	Hazard Rates Two Group-Sequential - Superiority by a Margin	Hypergeometric Distribution
Group-Sequential Tests for Two Survival Curves	Hazard Ratio	Hypergeometric Probability
Group-Sequential Tests for Two Survival Curves - Non-Inferiority	Hazard Ratio Conversion	
Group-Sequential Tests for Two Survival Curves - Superiority by a Margin	Heat Map	Imputation
Group-Sequential T-Test	Heat Map of Correlations	Imputing Data
Group-Sequential T-Test - Non-Inferiority	Heat Maps	I-MR Charts
Group-Sequential T-Test - Superiority by a Margin	Heatmaps	Incidence Plots
Group-Sequential T-Tests for One Mean	Hessian Matrix	Incidence Rate
Group-Sequential T-Tests for Two Means	Heterogenous Variances	Incidence rates
Grubbs' Outlier Test	Heterogeneity Test	Incomplete Block Designs
Grubbs' Test	Heteroscedasticity	In-Control
Gumbel Distribution	Hierarchical Clustering	Independence Tests
	Hierarchical Clustering / Dendrograms	Individuals and Moving Range Charts
	Hierarchical Forward Selection	Individuals Charts
	Hierarchical Models	Influence
	Hierarchical Regression	Inspection Plans
	Hierarchical Subset Search	Instrument Variables
	Hill Model Fit	Instrumental Variables
	Histograms	Integer Programming
	Histograms - Border	Interim Analysis - Logrank Test
	Histograms - Comparative	Interim Analysis - One Mean
	Histograms - Comparative (2 Factors)	Interim Analysis - Two Hazard Rates
	Histograms - Smoothed	Interim Analysis - Two Hazard Rates - Non-Inferiority
	Hoeffding Test	Interim Analysis - Two Hazard Rates - Superiority by a Margin
	Holliday Model Fit	Interim Analysis - Two Means
	Holt's Linear Trend	Interim Analysis - Two Means - Non-Inferiority
	Holt-Winters Exponential Smoothing	Interim Analysis - Two Means - Superiority by a Margin
	Holt-Winters Forecasting	Interim Analysis - Two Proportions
	Homogeneity Test	Interim Analysis - Two Proportions - Non-Inferiority
	Homoskedasity	Interim Analysis - Two Proportions - Superiority by a Margin
	Honest Significant Difference	
	Horizontal Equity	
	Hotelling's One-Sample T2	
	Hotelling's Paired-Sample T2	

**H**

Half-Normal Distribution

Half-Normal Plots

Half-Normal Probability Plots

Harmonic Mean

Harmonic Regression

Hat Diagonal

Hat Values

Hat vs. Row Plots

Hausmans Test

Hazard Function

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Interim Analysis - Two Survival Curves  
 Interim Analysis - Two Survival Curves  
   - Non-Inferiority  
 Interim Analysis - Two Survival Curves  
   - Superiority by a Margin  
 Interquartile Range  
 Inter-Rater Agreement (Kappa)  
 IQR  
 Isolines  
 Item Analysis  
 Item Response Analysis  
 Item Response Plots

**J**

Jackknife Standard Error Estimation

**K**

K Analysis  
 Kaplan-Meier  
 Kaplan-Meier Curves  
 Kaplan-Meier Curves (Logrank Tests)  
 Kappa Reliability Test  
 Kappa Statistic  
 Kappa Test for Inter-Rater Agreement  
 Katz Logarithm Confidence Interval  
 Kaufman-Rousseeuw Algorithm  
 k-Category Runs Test for Randomness  
 Kendall's Concordance Coefficient  
 Kendall's Tau  
 Kendall's Tau Correlation  
 Kenward and Roger Method  
 Kinetics  
 K-Means Clustering  
 Kolmogorov-Smirnov Normality Test  
 Kolmogorov-Smirnov Test  
 k-Period Lag  
 Kruskal-Wallis Test  
 Kruskal-Wallis Z M. C. Test  
 Kuiper's Test  
 Kurtosis  
 Kurtosis Normality Test

**L**

L Matrix  
 L'Abbe Plots  
 Lack-of-Fit Test  
 Lag  
 Lag Plots  
 Lambda  
 Lambda vs. SD Plots  
 Laplace Distribution  
 Latin Square Design Analysis  
 Latin Square Designs  
 Lawley-Hotelling Trace  
 Least Squares  
 Levenberg-Marquardt Nonlinear Least-Squares Algorithm  
 Levene's Equal Variance Test  
 Levey-Jennings Charts  
 Life-Table Analysis  
 Likelihood Ratio  
 Likelihood Ratio Test  
 Likert-Scale Data  
 Lilliefors' Critical Values  
 Limiting Quality Level  
 Limits of Agreement  
 Line Charts  
 Line Charts - 3D  
 Line Charts (2 Factors)  
 Linear Discriminant Function  
 Linear Discriminant Scores  
 Linear Discriminant Scores Plots  
 Linear Mixed Model  
 Linear Model Fit  
 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  
 Logrank Test - Group-Sequential  
 Longitudinal Data Analysis  
 Longitudinal Design  
 Lot Proportion Defective  
 Lot Tolerance Proportion Defective  
 Lowess  
 LP  
 LQL  
 LTPD

**M**

MA Charts  
 Macro Command Center



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Macros	Means	Minimum Cost Capacitated Flow
MAD	Means - Group-Sequential	Minimum Cost Flow
MADM	Means - Non-Inferiority - Group-Sequential	Minimum MSE
MAE	Means - One - Group-Sequential	Minimum Path
Mahalanobis Distance	Means - Superiority by a Margin - Group-Sequential	Minimum Required Difference
Mallow's Cp	Means Plots	Minimum RMSE
Mallow's Cp	Means Two - Non-Inferiority - Group-Sequential	Minimum Spanning Forest
Manhattan Distance	Means Two - Superiority by a Margin - Group-Sequential	Minimum Spanning Tree
Mann-Whitney Test	Measurement Error	Minkowski Distance
MANOVA	Median	Miss Rate
Mantel-Haenszel Confidence Intervals	Median Absolute Deviation from the Median	Missing Count
Mantel-Haenszel Logrank Test	Median Absolute Percent Deviation from the Median	Missing Value Estimation
Mantel-Haenszel Test	Median Confidence Interval	MIVQUE
Many to one Multiple Comparisons of Proportions	Median Linkage	Mixed Integer Linear Programming
MAPDMMADM	Median Remaining Lifetime	Mixed Integer Programming
MAPE	Median Survival Time Conversion	Mixed Models
Mardia-Watson-Wheeler Uniform-Scores Test	Median Test	Mixed Models - General
Marginal Association	Medians	Mixed Models - No Repeated Measures
Market Value	Median-Slope Regression	Mixed Models - Random Coefficients
Martinez-Iglewicz Normality Test	Mediation Analysis	Mixed Models - Repeated Measures
Martingale Residuals	Mediation Regression	Mixing Distributions
Mass Appraisal	Medoid Clustering	Mixture Design
Matched	Medoid Partitioning	Mode
Matching	Membership Matrix	Model Fitting
Matrix of Scatter Plots	Merging Two Datasets	Model Fitting for Appraisal
Mauchly's Test of Compound Symmetry	M-Estimators	Model Searching
Maximal Flow	Meta-Analysis	Modified Kuiper's Test
Maximum	Meta-Analysis of Correlated Proportions	Modified Levene's Test
Maximum Flow	Meta-Analysis of Hazard Ratios	Modified Peto-Peto Test
McHenry's Select Algorithm	Meta-Analysis of Means	Moment
McNemar Test	Meta-Analysis of Proportions	Monomolecular Model Fit
MDS Map	Method Comparison	Monte-Carlo Simulation
Mean Absolute Deviation	Metric Multidimensional Scaling	Morgan-Mercer-Floding Model Fit
Mean Absolute Deviation from the Median	Michaelis-Menten Equation	Mortality Ratio Conversion
Mean Comparison	Michaelis-Menten Model Fit	Mosaic Plots
Mean Difference	Miettinen-Nurminen Score	Moving Average Charts
Mean Direction	Mill's Ratio	Moving Range Charts
Mean Equality	Min MSE	MRT
Mean Input	Min RMSE	Multicollinearity
Mean Survival Comparisons	Minimum	Multidimensional Scaling
Mean Survival Time		Multi-Group Concentration Homogeneity Test
Mean Time Lost		Multinomial Distribution
Mean Time Lost Comparisons		Multinomial Logistic Regression
		Multinomial Test
		Multiple Comparison Tests

NCSS Procedure and Topic List (Alphabetical)

Multiple Comparisons of Proportions  
 Multiple Comparisons of Proportions versus a Control  
 Multiple Comparisons Plots  
 Multiple Linear Regression  
 Multiple Regression  
 Multiple Regression - Basic  
 Multiple Regression for Appraisal  
 Multiple Regression with Serial Correlation  
 Multiple-Group Logistic Regression  
 Multiplicative Model  
 Multisample Test  
 Multivariate Analysis  
 Multivariate Analysis of Variance (MANOVA)  
 Multivariate Normal  
 Multivariate Normal Missing Value Estimation  
 Multivariate Polynomial Ratio Fit  
 Multivariate Regression  
 Multivariate T-Test  
 Multivariate Variable Selection  
 Multiway Frequency Analysis  
 Multiway Table

Nominal Logistic Regression  
 Non-Binding Futility Boundary  
 Nonconforming  
 Nondetects Analysis  
 Nondetects-Data Group Comparison  
 Nondetects-Data Regression  
 Non-Inferiority  
 Non-Inferiority of Two AUCs  
 Non-Inferiority of Two Paired AUCs  
 Non-Inferiority Test for Sensitivity  
 Non-Inferiority Test for Specificity  
 Non-Inferiority Tests  
 Nonlinear Regression  
 Non-Metric Multidimensional Scaling  
 Nonparametric  
 Nonparametric Correlation  
 Nonparametric Multiple Comparison Test  
 Nonparametric ROC Curves  
 Nonparametric Survival Estimation  
 Nonparametric Tests  
 Normal Distribution  
 Normal Error Regression  
 Normal Fit  
 Normal Model Fit  
 Normal Probability  
 Normal Probability Plots  
 Normal Range  
 Normal Regression  
 Normal Scores Test  
 Normality Plots  
 Normality Test  
 Normality Tests  
 NP Charts  
 NPV  
 Number At Risk  
 Number Needed to Treat  
 Number of Runs

Odds Ratio and Proportions Calculator  
 OLS  
 Omnibus Normality Test  
 One Mean - Group-Sequential  
 One Proportion  
 One Proportion - Equivalence Tests  
 One Proportion - Non-Inferiority Tests  
 One Proportion - Superiority by a Margin Tests  
 One Proportion Tests  
 One ROC Curve and Cutoff Analysis  
 One-Sample T-Test  
 One-Sample T-Test for Equivalence  
 One-Sample T-Test for Non-Inferiority  
 One-Sample T-Test for Superiority by a Margin  
 One-Sided Dunnett Multiple Comparisons of Proportions versus a Control  
 One-Way Analysis of Covariance (ANCOVA)  
 One-Way Analysis of Variance  
 One-Way ANOVA  
 Operating Characteristic Curves  
 Operating Characteristic Curves for Acceptance Sampling for Attributes  
 Operations Research  
 Optimal Criterion Value  
 Optimal Data Matching  
 Optimal Matching  
 Optimal RHS  
 Optimization  
 Ordinary Least Squares  
 Original Cost  
 Orthogonal Arrays  
 Orthogonal Contrasts  
 Orthogonal Design  
 Orthogonal Polynomial Contrasts  
 Orthogonal Regression  
 Outlier Detection  
 Outlier Test  
 Outliers  
 Out-of-Control  
 Overdispersion

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**N**

Nam Equivalence Test  
 Nam Score Confidence Interval  
 Nam Score Test  
 Nam-Blackwelder Confidence Interval  
 Nam-Blackwelder Test  
 Nash's MRT Algorithm  
 Nearest Neighbor Linkage  
 Negative Binomial Distribution  
 Negative Binomial Probability  
 Negative Binomial Regression  
 Negative Likelihood Ratio  
 Negative Predictive Value  
 Nelson-Aalen Hazard  
 Nested Factors  
 Network  
 Network Flow  
 Newman-Keuls Test  
 Newton-Raphson

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**O**

Objective Function  
 Observational Study Matching  
 Observational Study Stratification  
 OC Curves  
 Odds Ratio

## NCSS Procedure and Topic List (Alphabetical)

**P**


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

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**Q**

QP  
 Quadratic Model Fit  
 Quadratic Programming  
 Quadratic-Linear Model Fit  
 Quadratic-Quadratic Model Fit  
 Quality Control  
 Quality Control Charts  
 Quantile Regression  
 Quantile Test  
 Quantiles  
 Quartiles

## NCSS Procedure and Topic List (Alphabetical)

Quartimax Rotation

**R**

R &amp; R Study

R Charts

R Matrix

Radial Plots

Random Coefficients Models

Random Effects Models

Random Factor

Random Models

Random Numbers

Random Sample

Random Sampling

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  
VariablesRatio 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

Re-estimation of Sample Size

Reference Bounds

Reference Interval

Reference Intervals

Reference Intervals - Age-Specific

Reference Range

Regression

Regression Analysis

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

Restricted Mean Survival Time

Restricted Mean Survival Time

Difference Comparisons

Restricted Mean Survival Time Ratio  
Comparisons

Restricted Mean Time Lost

Restricted Mean Time Lost Ratio  
Comparisons

RHS

Richards Model Fit

Ridge Regression

Ridge Trace

Ridge Trace Plots

Risk Difference

Risk Ratio

Risk Reduction

RMST

RMST Difference Comparisons

RMST Ratio Comparisons

RMTL

RMTL Ratio Comparisons

Robins Confidence Interval

Robust

Robust Linear Regression (Passing-  
Bablok Median-Slope)

Robust Mediation Analysis

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

## NCSS Procedure and Topic List (Alphabetical)

Sale Date Adjustment  
 Sale Price Adjustment  
 Sales Comparison Approach  
 Sales Ratio Study  
 Sample Correlation Coefficient  
 Sample Size Re-estimation  
 Sample Standard Deviation  
 Sampling  
 Sampling Plans  
 Sampling Subpopulations  
 Sbar  
 Scaled Schoenfeld's Residuals  
 Scatter Diagram  
 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 Test Pairwise Multiple  
     Comparisons of Proportions  
 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  
 Sidak Test  
 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  
 Simple Random Sampling  
 Simple Random Sampling with Group  
     Assignment  
 Simplex Algorithm  
 Simulate Data  
 Simulate Distribution  
 Simulation  
 Simulator  
 Simultaneous C.I.'s  
 Simultaneous Confidence Intervals  
 Simultaneous confidence intervals of  
     the differences among several  
     proportions  
 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  
 Spending Functions  
 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

## NCSS Procedure and Topic List (Alphabetical)

Stratification of Data	Survival Curves Two Group-Sequential	Theoretical ARMA
Stratified Logistic Regression	- Superiority by a Margin	Three-Dimensional Data Plots
Stratified Random Sampling	Survival Distribution Fitting	Time Calculator
Stratified Random Sampling with Group Assignment	Survival Function	Time Series
Stratified Sampling	Survival Group-Sequential	Time Series Plots
Stratum	Survival Group-Sequential - Non- Inferiority	Tolerance Intervals
Stress	Survival Group-Sequential - Superiority by a Margin	Tolerance Limits
Stress A	Survival Parameter Conversion Tool	Tolerance R & R
Stress B	Survival Plots	Topographical Map
Stress Plots	Survival Quantiles	TOST
Studentized Deviance Residuals	Survival Rates	TOST Equivalence Test
Studentized Pearson Residuals	Survival Regression	Transference
Studentized Range Distribution	Survivorship - Beta Plots	Transformations
Studentized Range Probability	Survivorship - Gamma Plots	Transformations - Box-Cox
Student's T Distribution	Survivorship Plots	Transformations - Power
Student's T Probability	Symmetric Lambda	Transformations to Normality
Subdistribution Hazards		Transportation
Subject Plots		Transportation Algorithm
Subject Property		Transshipment
Subpopulation Sampling		Tree
Subset Selection		Treemap Plots
Subset Selection in Multiple Regression		Trend Plots
Subset Selection in Multivariate Y Multiple Regression		Trimmed Mean
Sum of Exponentials Model Fit		Trimmed Standard Deviation
Sum of Functions Models		True Negative Rate
Sum-Difference Plots		True Positive Rate
Summarize Clusters		Tschuprow's T
Summary Data		TSLS
Summary Lists		T-Test
Summary Statistics Input		T-Test - Non-Inferiority
Summary Tables		T-Test - One Mean
Sums		T-Test - Superiority by a Margin
Sums and Differences Plots		T-Test - Two Means
Sunflower Plots		T-Test - Two Means - Non-Inferiority
Superiority by a Margin		T-Test - Two Means - Superiority by a Margin
Superiority by a Margin Tests		T-Tests
Superiority Tests		T-Tests - Aspin-Welch
Surface Plots		T-Tests - Equivalence
Surface Plots - 3D		T-Tests - Non-Inferiority
Survival Analysis		T-Tests - Paired
Survival Curves		T-Tests - Superiority
Survival Curves Two Group-Sequential		Tukey-Kramer Pairwise Multiple Comparisons of Proportions
Survival Curves Two Group-Sequential - Non-Inferiority		Tukey-Kramer Simultaneous Confidence Intervals

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**T**

T Distribution

T2

Table of Means

Table of Proportions

Table of Rates

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 SamplesTesting Non-Inferiority with Two  
Independent SamplesTesting Superiority by a Margin with  
Two Independent Samples

Tests for Randomness

Tests for Runs

Tests for Two AUCs

Tests for Two Paired AUCs

Tests for Two-Factor Interactions

## NCSS Procedure and Topic List (Alphabetical)

- Tukey-Kramer Test  
 Tukey's Biweight  
 Tukey's HSD  
 Tukey's Lambda Distribution  
 Two Correlated Proportions  
 Two Correlated Proportions - Equivalence Tests  
 Two Correlated Proportions - Non-Inferiority Tests  
 Two Correlated Proportions - Superiority by a Margin Tests  
 Two Correlated Proportions (McNemar Test)  
 Two Hazard Rates - Group-Sequential  
 Two Hazard Rates - Group-Sequential - Non-Inferiority  
 Two Hazard Rates - Group-Sequential - Superiority by a Margin  
 Two Hazard Rates Group Sequential  
 Two Hazard Rates Group Sequential - Non-Inferiority  
 Two Hazard Rates Group Sequential - Superiority by a Margin  
 Two Means  
 Two Means - Confidence Interval  
 Two Means - Group Sequential  
 Two Means - Group-Sequential  
 Two Means - Non-Inferiority - Group Sequential  
 Two Means - Non-Inferiority - Group-Sequential  
 Two Means - Superiority by a Margin - Group Sequential  
 Two Means - Superiority by a Margin - Group-Sequential  
 Two Means Cross-Over  
 Two Proportions  
 Two Proportions - Equivalence Tests  
 Two Proportions - Group-Sequential  
 Two Proportions - Non-Inferiority - Group-Sequential  
 Two Proportions - Non-Inferiority Tests  
 Two Proportions - Superiority by a Margin - Group-Sequential  
 Two Proportions - Superiority by a Margin Tests  
 Two Proportions - Two-Sided Tests vs. a Margin  
 Two Survival Curves - Group-Sequential  
 Two Survival Curves - Group-Sequential - Non-Inferiority  
 Two Survival Curves - Group-Sequential - Superiority by a Margin  
 Two Survival Curves Group Sequential  
 Two Survival Curves Group Sequential - Non-Inferiority  
 Two Survival Curves Group Sequential - Superiority by a Margin  
 Two-by-Two Tables  
 Two-Level Design Analysis  
 Two-Level Designs  
 Two-level Factorial Designs  
 Two-Sample Equivalence Tests for Survival Data using Cox Regression  
 Two-Sample Non-Inferiority Tests for Survival Data using Cox Regression  
 Two-Sample Superiority by a Margin Tests for Survival Data using Cox Regression  
 Two-Sample T-Test  
 Two-Sample T-Test - Equivalence  
 Two-Sample T-Test - Non-Inferiority  
 Two-Sample T-Test - Superiority by a Margin  
 Two-Sample T-Test for Equivalence  
 Two-Sample T-Test for Non-Inferiority  
 Two-Sample T-Test for Superiority by a Margin  
 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
- 
- 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  
 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 Ratio Multiple Comparisons of Proportions  
 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

## NCSS Procedure and Topic List (Alphabetical)

Watson and Williams Test	X-bar and s Charts
Watson Test	Xbar Charts
Watson-Williams F-Test	X-bar Charts
Watson-Williams High Concentration F-Test	X-Y Plots
Wave Regression	X-Y-Z Plots
Weibull Distribution	Y vs X Plots
Weibull Error Regression	Yates' Continuity Corrected Chi-Square Test
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	
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	

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**Y**

Yhat  
Youden Index  
Yule-Walker

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**Z**

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

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**X**

X-bar and R Charts