

NCSS Procedure and Topic List (Categorized)

Analysis of Variance (ANOVA)

Alias	Compound Symmetry	Histograms
Analysis of Covariance	Confidence Interval	Hoefding Test
Analysis of Covariance (ANCOVA) with Two Groups	Confounding	Homogeneity Test
Analysis of Two-Level Designs	Constant Variance Test	Homoskedasity
Analysis of Variance	COV	Honest Significant Difference
Analysis of Variance for Balanced Data	Covariance	Hsu's M. C. with the Best
ANCOVA	Covariance Analysis	Huynh-Feldt Epsilon
ANOVA	Covariance Matrix	Kaplan-Meier
AOV	Custom Comparisons	Kaplan-Meier Curves
Area Under Curve	Custom Model	Kendall's Concordance Coefficient
AUC	Data Plots	Kruskal-Wallis Test
Average Absolute Percent Error	Descriptive Statistics	Kruskal-Wallis Z M. C. Test
Balanced ANOVA	Duncan's Test	Kurtosis Normality Test
Balanced Design Analysis of Variance	Dunnett's Confidence Intervals	Lambda
Bartlett's Test	Dunnett's Test vs. a Control	Lambda vs. SD Plots
Between Factors	Dunn's Test	Latin Square Design Analysis
Bonferroni	Dwass-Steel-Critchlow-Fligner Test	Lawley-Hotelling Trace
Bonferroni Test	EDF Plots	Levene's Equal Variance Test
Box Plots	Eigenvalues	Logrank Test
Box-Cox Algorithm	Empirical Distribution Function	MANOVA
Box-Cox for ANOVA	Equal Variance Tests	Mauchly's Test of Compound Symmetry
Box-Cox for One-Way ANOVA	Expected Mean Squares	Means
Box-Cox for T-Test	Expected Normal Scores Test	Means Plots
Box-Cox Plots	Factorial Design Analysis	Median Test
Box-Cox Power Transformation	Fisher's LSD Test	Model Fitting
Box-Cox Transformation	Fisher-Yates Test	Modified Levene's Test
Box-Cox Transformation for Two or More Groups (T-Test and One-Way ANOVA)	Fixed Factor	Multicollinearity
Box's M Test	Fractional Factorial Design Analysis	Multiple Comparison Tests
Brown-Forsythe Test	Friedman's Q Statistic	Multiple Comparisons Plots
Canonical Variates	Friedman's Rank Test	Multisample Test
Censoring	F-Test	Multivariate Analysis
Circularity	Gehan Test	Multivariate Analysis of Variance (MANOVA)
Coefficient of Variation	Geisser-Greenhouse Adjustment	Nested Factors
Coefficients	General Linear Models	Newman-Keuls Test
Collinearity	General Linear Models (GLM)	Nondetects Analysis
Comparing Two Means	General Linear Models (GLM) for Fixed Factors	Nondetects-Data Group Comparison
	GLM	Nonparametric
	Group Comparison Plots	
	Hierarchical Models	

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Nonparametric Multiple Comparison Test	Random Factor	Tests for Two-Factor Interactions
Nonparametric Tests	Randomized Block Design Analysis	Transformations
Normal Scores Test	Ranks	Transformations - Box-Cox
Normality Tests	Regression	Transformations - Power
One-Way Analysis of Covariance (ANCOVA)	Repeated Measures	Transformations to Normality
One-Way Analysis of Variance	Repeated Measures Analysis of Variance	T-Test
One-Way ANOVA	Residual Plots	Tukey-Kramer Simultaneous Confidence Intervals
Orthogonal Contrasts	Residuals	Tukey-Kramer Test
Orthogonal Polynomial Contrasts	Roy's Largest Root	Tukey's HSD
Outliers	R-Squared	Two-Level Design Analysis
Paired Comparisons	Scatter Plots	Two-Sample T-Test
Partial Residual Plots	Scheffe's Test	Unequal Variances Tests
Peto-Peto Test	Shapiro-Wilk Normality Test	Unweighted Means F-Test
Pillai's Trace	Sidak Test	UWM F-Test
Planned Comparisons	Simultaneous Confidence Intervals	Van der Waerden Test
Plots	Skewness Normality Test	Variance Equality Tests
Power Transformation	Slopes - Testing for Equal	Welch's Test with Unequal Variances
Predicted Values	Split-Plot Design Analysis	Wilks' Lambda
Prediction Limits	Subject Plots	Within Factors
Probability Plots	Tarone-Ware Test	Yhat
	Terry-Hoeffding Test	

Appraisal

Additive Model	Coefficient of Variation	Descriptive Statistics - Summary Tables
Adjusted R-Squared	Coefficients	Descriptive Tables
Adjustment	Comparability	DFBETA
Analysis of Covariance	Comparable Property	DFFITS
Analysis of Variance	Comparables	Differential Evolution
ANCOVA	Comparables Appraisal	Dispersion
Anderson-Darling Normality Test	Confidence Band	Distance Metric
ANOVA	Confidence Interval	Distribution Statistics
AOV	Cook's D	Durbin-Watson Test
Appraisal	Cook's Distance	EDF
Appraisal Models	Correlation - Pearson	Eigenvalues
Appraisal Ratio Studies	Correlation - Spearman	Eigenvectors
Assessment Models	Correlation Coefficient	Estimation of Property Values
Autocorrelation Regression	Correlation Matrix	Euclidean Distance
Autocorrelations	Counts	Feedback Model
Autoregressive Error Model	COV	Fisher's g1
Average Absolute Percent Error	Covariance	Fisher's g2
Bar Charts	Cp	Fisher's Z Transformation
Bootstrap Confidence Interval	Curve Fitting	Forecasting
Bootstrapping	Custom Model	Forward Selection
Candidate Properties	CV	F-Test
Central Moments	D'Agostino Kurtosis Normality Test	Geometric Mean
COC	D'Agostino Omnibus Normality Test	Harmonic Mean
Cochrane-Orcutt Procedure	D'Agostino Skewness Normality Test	Hat Diagonal
COD	Data Fitting	Hat Values
Coefficient of Concentration	Descriptive Statistics	Heteroscedasticity
Coefficient of Dispersion	Descriptive Statistics - Summary Lists	Histograms
Coefficient of Price-Related Bias		

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Horizontal Equity	Multiple Regression	Sales Comparison Approach
Hybrid Appraisal Models	Multiple Regression - Basic	Sales Ratio Study
Influence	Multiple Regression for Appraisal	Scatter Plots
Interquartile Range	Multiple Regression with Serial	Screening Data
IQR	Correlation	SD
Kolmogorov-Smirnov Test	Multiplicative Model	SE
Kurtosis	Nash's MRT Algorithm	Sequence Plots
Kurtosis Normality Test	Nonlinear Regression	Sequential Models
Lack-of-Fit Test	Nonparametric Tests	Serial Correlation
Least Squares	Normal Distribution	Serial Correlation Plots
Levenberg-Marquardt Nonlinear	Normal Probability	Shapiro-Wilk Normality Test
Least-Squares Algorithm	Normal Probability Plots	Similarity of Properties
Levene's Equal Variance Test	Normality Tests	Simple Linear Regression
Lilliefors' Critical Values	OLS	Single Property Appraisal
Linear Regression	Ordinary Least Squares	Skewness
Linear Regression and Correlation	Orthogonal Regression	Skewness Normality Test
Loess	Outlier Detection	Slopes - Testing for Equal
Lowess	Outliers	Spearman Correlation
MAD	Partial Correlation	Spearman Rank Correlation
MADM	Partial Residual Plots	Standard Deviation
Mallow's Cp	Pearson Correlation	Standard Error
MAPDMMADM	Percentiles	Stem-and-Leaf Plots
Market Value	PRB	Stem-Leaf Plots
Martinez-Iglewicz Normality Test	PRD	Subject Property
Mass Appraisal	Predicted Values	Summary Lists
Maximum	Prediction Limits	Summary Tables
Mean Absolute Deviation	PRESS Statistics	Sums
Mean Absolute Deviation from the	Price-Related Bias	Table of Means
Median	Price-Related Differential	Tables - Descriptive
Means	Probability Ellipse	Tests for Two-Factor Interactions
Median	Probability Plots	Time Series Plots
Median Absolute Deviation from the	Property Valuation	Trimmed Mean
Median	Quartiles	Trimmed Standard Deviation
Median Absolute Percent Deviation	Randomization Test	Variance
from the Median	Range	Variance Inflation Factor
M-Estimators	Ratio study	Variance Test
Minimum	Regression	Variation
Minkowski Distance	Regression Analysis	Vertical Equity
Missing Count	Regression for Appraisal	VIF
Mode	Residual Plots	Weighted Coefficient of Dispersion
Model Fitting	Residuals	Weighted Coefficient of Variation
Model Fitting for Appraisal	R-Squared	Working-Hotelling C.I. Band
Moment	RStudent Residuals	Working-Hotelling Limits
Multicollinearity	Sale Date Adjustment	Yhat
Multiple Linear Regression	Sale Price Adjustment	

Cluster Analysis

Agglomerative Hierarchical Clustering	Cluster Medoid	Complete Linkage
Bivariate Plots	Cluster Standard Deviations	Cophenetic Correlation
Centroid Linkage	Clustered Heat Maps (Double	Correlation Coefficient
Cluster Analysis	Dendrograms)	Dendrograms
Cluster Means	Clustering	Dissimilarity

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Distance	Hierarchical Clustering / Dendrograms	Multiple Regression
Double Dendrograms	Kaufman-Rousseeuw Algorithm	Nearest Neighbor Linkage
Dunn's Partition Coefficient	K-Means Clustering	Partition Around Medoids
Euclidean Distance	Linkage	Regression Clustering
Flexible Strategy Linkage	Manhattan Distance	Regression Exchange Algorithm
Fuzzy Clustering	Median	Silhouettes
Goodness-of-Fit Tests	Median Linkage	Simple Average Linkage
Group Average Linkage	Medoid Clustering	Single Linkage
Heat Maps	Medoid Partitioning	Spath Algorithm
Heatmaps	Membership Matrix	Ward's Minimum Variance Linkage
Hierarchical Clustering	Model Fitting	

Correlation

Adjusted R-Squared	Coefficients	Lack-of-Fit Test
Agreement	Concordance Coefficient	Lambda
Alpha - Cronbach's	Concordance Correlation Coefficient	Levene's Equal Variance Test
Analysis of Variance	Confidence Band	Likelihood Ratio Test
Anderson-Darling Normality Test	Confidence Interval	Limits of Agreement
Angular Data Analysis	Cook's D	Linear Regression
ANOVA	Cook's Distance	Linear Regression - Box-Cox
AOV	Correlation	Linear Regression and Correlation
Autocorrelations	Correlation - Kendall's Tau	Lin's CCC
Average-Difference Plots	Correlation - Pearson	Lin's Concordance Correlation Coefficient
Binary Correlation	Correlation - Point-Biserial	LoA
Biserial Correlation	Correlation - Spearman	Loess
Bland-Altman	Correlation Coefficient	Lowess
Bland-Altman Plot and Analysis	Correlation Confidence Interval	Mardia-Watson-Wheeler Uniform-Scores Test
Bland-Altman Plots	Correlation Matrix	Mean Comparison
Bootstrap Confidence Interval	Correlations - Partial	Mean Difference
Bootstrapping	COV	Mean Direction
Box Plots	Cox Test	Mean Equality
Box-Cox Algorithm	Cronbach's Alpha	Means
Box-Cox for Linear Regression	D'Agostino Kurtosis Normality Test	Measurement Error
Box-Cox for Regression	D'Agostino Omnibus Normality Test	Method Comparison
Box-Cox Plots	D'Agostino Skewness Normality Test	Model Fitting
Box-Cox Power Transformation	DFBETA	Modified Kuiper's Test
Box-Cox Transformation	DFFITS	Multicollinearity
Box-Cox Transformation for Simple Linear Regression	Diagnostic Tests	Multivariate Analysis
Brown-Forsythe Test	Dichotomous Correlation	Nonparametric Correlation
Canonical Correlation	Durbin-Watson Test	Nonparametric Tests
CCC	Equal-Variance Tests	Normality Plots
Circular Correlation	Equivalence Tests	Normality Tests
Circular Data Correlation	Fisher's Z Transformation	Orthogonal Regression
Circular Data Plots	Forecasting	Outlier Detection
Circular Dispersion	Hat Diagonal	Outliers
Circular Histograms	Hat Values	Paired T-Test
Circular Statistics	Heteroscedasticity	Pearson Correlation
Circular Uniform Distribution	Histograms	Point-Biserial and Biserial Correlations
Circular Variance	Influence	Point-Biserial Correlation
Coefficient Alpha	Item Analysis	Power Transformation
Coefficient of Variation	Kendall's Tau Correlation	
	Kuiper's Test	

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Precision Measure	R-Squared	Transformations - Box-Cox
Predicted Values	RStudent Residuals	Transformations - Power
Prediction Limits	Sample Correlation Coefficient	Transformations to Normality
PRESS Statistics	Scatter Plots	Uniformity Test
Probability Ellipse	Scores Plots	Variable-Variate Correlations
Probability Plots	Serial Correlation	Variance Test
Product-Moment Correlation	Serial Correlation Plots	Von Mises Distribution
Randomization Test	Shapiro-Wilk Normality Test	Watson and Williams Test
Rater Reliability	Simple Correlation Coefficient	Watson Test
Rayleigh Test	Simple Linear Correlation	Watson-Williams F-Test
Regression	Simple Linear Regression	Wilks' Lambda
Reliability	Spearman Correlation	Working-Hotelling C.I. Band
Reproducibility	Spearman Rank Correlation	Working-Hotelling Limits
Residual Plots	Standard Error	Yhat
Residuals	Standardized Canonical Coefficients	
Rose Plots	Transformations	

Curve Fitting

Bleasdale-Nelder Model Fit	Linear-Quadratic Model Fit	Ratio of Polynomials Fit
Bootstrap Confidence Interval	Logarithmic Model Fit	Ratio of Polynomials Fit - Many Variables
Bootstrapping	Logistic Model Fit	Ratio of Polynomials Fit - One Variable
Centiles	Log-Normal Model Fit	Ratio of Polynomials Search
Cubic Model Fit	Michaelis-Menten Equation	Ratio of Polynomials Search - Many Variables
Curve Fitting	Michaelis-Menten Model Fit	Ratio of Polynomials Search - One Variable
Curve Fitting - General	Model Fitting	Reciprocal Model Fit
Curve Fitting Plots	Model Searching	Reference Interval
Curve Fitting Scatter Plot Matrix	Monomolecular Model Fit	Reference Intervals
Curve Inequality Test	Morgan-Mercer-Floding Model Fit	Reference Intervals - Age-Specific
Draw Function	Multivariate Polynomial Ratio Fit	Reference Range
Enzyme Kinetics	Nash's MRT Algorithm	Regression
Equation Plots	Nonlinear Regression	Residual Plots
Exponential Model Fit	Normal Model Fit	Richards Model Fit
Farazdaghi and Harris Model Fit	Normal Range	R-Squared
Fetal Size	Normality Test	Scatter Diagram
Formula Plots	Normality Tests	Scatter Plot Matrix
Fractional Polynomial Regression	Percentiles	Scatter Plot Matrix for Curve Fitting
Fractional Polynomials	Plots	Scatter Plots
Function Plots	Polynomial Ratio	Scattergraph
Gompertz Model Fit	Polynomial Ratio Model Fit	Shapiro-Wilk Normality Test
Goodness-of-Fit Tests	Polynomial Regression	Shinozaki and Kira Model Fit
Hill Model Fit	Power Model Fit	Sum of Exponentials Model Fit
Holliday Model Fit	Predicted Values	Sum of Functions Models
Hyperbola	Probability Plots	Tolerance Intervals
Kinetics	Quadratic Model Fit	Weibull Fitting
Levenberg-Marquardt Nonlinear Least-Squares Algorithm	Quadratic-Linear Model Fit	Weibull Model Fit
Linear Model Fit	Quadratic-Quadratic Model Fit	
Linear-Linear Model Fit	Quantile Regression	
Linear-Linear-Linear Model Fit	Randomization Test	
	Ratio of Polynomials	

NCSS Procedure and Topic List (Categorized)

Descriptive Statistics

Adjusted Kappa Statistic	Contingency Tables (Crosstabs / Chi-Square Test)	Histograms
Anderson-Darling Normality Test	Continuity Correction	Imputation
Angular Data Analysis	Correlation Statistics	Imputing Data
Angular Transformation of Proportions	Count Adjustment	Independence Tests
ArcSin Transformation	Count Tables	Interquartile Range
Area Under Curve	Counts	Inter-Rater Agreement (Kappa)
Armitage Rank Correlation Test	COV	IQR
Association and Correlation Statistics	Cox Test	Kappa Reliability Test
AUC	Cramer's V	Kappa Statistic
Bar Charts	Cross Tabulation	Kappa Test for Inter-Rater Agreement
Beta Distribution	Crosstabs	Kendall's Tau
Bimodal Data	CV	Kolmogorov-Smirnov Normality Test
Binomial Distribution	D'Agostino Kurtosis Normality Test	Kolmogorov-Smirnov Test
Block Outlier Tests	D'Agostino Omnibus Normality Test	Kuiper's Test
Bonferroni Multiple Comparisons of Proportions versus a Control	D'Agostino Skewness Normality Test	Kurtosis
Box-Cox Algorithm	Data Imputation	Kurtosis Normality Test
Box-Cox Plots	Data Plots	Lambda
Box-Cox Power Transformation	Data Screening	Lambda vs. SD Plots
Box-Cox Transformation	Data Simulation	Laplace Distribution
Cauchy Distribution	Descriptive Statistics	Likelihood Ratio Test
Cell Counts	Descriptive Statistics - Summary Lists	Likert-Scale Data
Central Moments	Descriptive Statistics - Summary Tables	Lilliefors' Critical Values
Chi-Square	Descriptive Tables	Logistic Distribution
Chi-Square Test	Detecting Outliers	Lognormal Distribution
Circular Correlation	Dispersion	MAD
Circular Data Analysis	Distribution Simulation	MADM
Circular Data Plots	Distribution Statistics	Many to one Multiple Comparisons of Proportions
Circular Dispersion	Dunnnett Multiple Comparisons of Proportions versus a Control	Mardia-Watson-Wheeler Uniform-Scores Test
Circular Histograms	EDF	Martinez-Iglewicz Normality Test
Circular Statistics	ESD Outliers	Maximum
Circular Uniform Distribution	Exact Test	McNemar Test
Circular Variance	Expected Counts	Mean Absolute Deviation
Cluster Means	Exponential Distribution	Mean Absolute Deviation from the Median
Cluster Randomization	Extreme Studentized Deviate	Mean Direction
Cluster Randomization - Create Cluster Means Dataset	Extreme Values	Means
Cochran-Armitage Proportion Trend Test	F Distribution	Median
Cochran-Armitage Proportion Trend Test with Continuity Correction	Fisher's Exact Test	Minimum
COD	Fisher's g1	Missing Count
Coefficient of Dispersion	Fisher's g2	Missing Value Estimation
Coefficient of Variation	Frequency Tables	Mixing Distributions
Column Percentages	Gamma	Mode
Combining Distributions	Gamma Distribution	Modified Kuiper's Test
Confidence Interval	Generating Data	Moment
Constant Distribution	Geometric Mean	Monte-Carlo Simulation
Contaminated Normal Distribution	Grubbs' Outlier Test	Multi-Group Concentration Homogeneity Test
Contingency Tables	Grubbs' Test	Multinomial Distribution
	Gumbel Distribution	Multinomial Test
	Harmonic Mean	

NCSS Procedure and Topic List (Categorized)

Multiple Comparisons of Proportions	Rose Plots	Table Percentages
Multiple Comparisons of Proportions versus a Control	Rosner's Outlier Test	Table Statistics
Multivariate Normal Missing Value Estimation	Row Percentages	Tables - Descriptive
Normal Distribution	Row-Column Independence Test	Test of Normality
Normal Probability	Score Test	Tolerance Intervals
Normal Probability Plots	Score Test Pairwise Multiple Comparisons of Proportions	Tolerance Limits
Normality Tests	Screening Data	Transformations
Omnibus Normality Test	SD	Transformations - Box-Cox
One-Sided Dunnett Multiple Comparisons of Proportions versus a Control	SE	Transformations - Power
Outlier Detection	Shapiro-Wilk Normality Test	Transformations to Normality
Outlier Test	Simulate Data	Trimmed Mean
Outliers	Simulate Distribution	Trimmed Standard Deviation
Paired T-Test	Simulation	Tschuprow's T
Pairwise Multiple Comparisons of Proportions	Simulator	Tukey-Kramer Pairwise Multiple Comparisons of Proportions
Pearson's Chi-Square Test	Simultaneous confidence intervals of the differences among several proportions	Tukey's Lambda Distribution
Pearson's Contingency Coefficient	Skewed Distribution	Two-Way Tables
Percentages	Skewness	Uniform Distribution
Percentiles	Skewness Normality Test	Uniformity Test
Phi	Snedecor's F Distribution	Variance
Plots	Standard Deviation	Variation
Poisson Distribution	Standard Error	Von Mises Distribution
Power Transformation	Standardized Residuals	Wald Ratio Multiple Comparisons of Proportions
Probability Distribution Simulation	Stem-and-Leaf Plots	Watson and Williams Test
Probability Plots	Stem-Leaf Plots	Watson Test
Proportion Trend Test	Stephens Test	Watson-Williams F-Test
Proportions	Studentized Range Distribution	Watson-Williams High Concentration F-Test
Proportions - Multiple Comparisons	Student's T Distribution	Weibull Distribution
Quartiles	Summarize Clusters	Weighted Kappa
Random Numbers	Summary Lists	Weighted Kappa Reliability Test
Range	Summary Tables	Weighted Kappa Statistic
Rayleigh Test	Sums	Weighted Kappa Test for Inter-Rater Agreement
Reliability	Symmetric Lambda	Yates' Continuity Corrected Chi-Square Test
	T Distribution	
	Table of Means	

Design of Experiments

A-Efficiency	Blocked Designs	DOE
Alias	Box-Behnken Designs	D-Optimal Designs
Aliasing	Candidate Points Report	Efron's Biased Coin Randomization
Analysis of Two-Level Designs	Centers	Expanded Design Matrix
Analysis of Variance	Central-Composite Designs	Experimental Design
ANOVA	Complete Randomization	Factorial Designs
AOV	Confounding	Fractional Factorial Designs
Assigning Subjects to Groups	Contour Plots	Generate Designs
Balanced Incomplete Block Designs	Crossed Factors	Graeco-Latin Square Designs
Biased Coin Randomization	D-Efficiency	Hierarchical Models
BIB Designs	Design Generator	Hierarchical Regression
BIBD	Design of Experiments	Incomplete Block Designs
Block Randomization	Determinant Analysis	Lack-of-Fit Test

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Latin Square Designs	Random Sorting using Maximum Allowable % Deviation	R-Squared
Longitudinal Design	Random Subject Assignment	Screening Designs
Means Plots	Randomization Algorithms	Smith's Randomization
Mixture Design	Randomization Lists	Split-Plot Design Generation
Model Fitting	Randomized Block Design	Strata
Nested Factors	Regression	Stratification
Orthogonal Arrays	Repeated Measures	Taguchi Designs
Orthogonal Design	Replicated Designs	Two-Level Design Analysis
Plackett-Burman Designs	Response Surface	Two-Level Designs
Probability Plots	Response Surface Designs	Two-level Factorial Designs
Random Sorting	Response Surface Regression	Wei's Urn Randomization

Diagnostic Tests

Accuracy	Confidence Intervals for Comparing Two Paired AUCs	Optimal Criterion Value
Area Under Curve	Cost-Benefit Analysis	Paired ROC Curves
Area Under ROC Curve	Diagnostic Odds Ratio	Positive Likelihood Ratio
Area Under ROC Curve Confidence Interval	Diagnostic Tests	Positive Predictive Value
AUC	Empirical ROC Curve	PPV
AUC Confidence Interval	Equivalence of Two AUCs	Precision
AUC Hypothesis Test	Equivalence of Two Paired AUCs	Prevalence
Binary Diagnostic Tests	Equivalence Test for Sensitivity	Proportion Correctly Classified
Binary Diagnostic Tests - Clustered Samples	Equivalence Test for Specificity	Proportions
Binary Diagnostic Tests - Paired Samples	Equivalence Tests	Proportions Tests
Binary Diagnostic Tests - Single Sample	Fall-out	Receiver Operating Characteristic Curve
Binary Diagnostic Tests - Two Independent Samples	False Discovery Rate	Sensitivity
Binormal ROC Curve	False Negative Rate	Sensitivity Confidence Interval
Cluster Randomization	False Omission Rate	Sensitivity Equivalence Tests
Clustered Binary Diagnostic Tests	False Positive Rate	Sensitivity Hypothesis Tests
Comparing Two AUCs	Likelihood Ratio	Sensitivity Non-Inferiority Tests
Comparing Two Paired AUCs	Miss Rate	Specificity
Comparing Two ROC Curves - Independent Groups Design	Negative Likelihood Ratio	Specificity Confidence Interval
Comparing Two ROC Curves - Paired Design	Negative Predictive Value	Specificity Equivalence Tests
Confidence Intervals for Comparing Two AUCs	Non-Inferiority of Two AUCs	Specificity Hypothesis Tests
	Non-Inferiority of Two Paired AUCs	Specificity Non-Inferiority Tests
	Non-Inferiority Test for Sensitivity	Tests for Two AUCs
	Non-Inferiority Test for Specificity	Tests for Two Paired AUCs
	Nonparametric ROC Curves	True Negative Rate
	NPV	True Positive Rate
	Odds Ratio	Youden Index
	One ROC Curve and Cutoff Analysis	

Distribution Fitting

Anderson-Darling Normality Test	Border Plots	Chi-Square Probability Plots
Arcsine Square Root Hazard	Box-Cox Power Transformation	Compare Probability Plots
At-Risk Table	Box-Cox Transformation	Cumulative Hazard
Beta Distribution Fitting	Censoring	D'Agostino Kurtosis Normality Test
Beta Reliability Plots	Chi-Square Distribution	D'Agostino Omnibus Normality Test
Block Outlier Tests	Chi-Square Plots	D'Agostino Skewness Normality Test

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Descriptive Statistics	Hazard Rate Plots	Outlier Detection
Detecting Outliers	Histograms	Outlier Test
Differential Evolution	Kaplan-Meier	Outliers
Distribution (Weibull) Fitting	Kaplan-Meier Curves	Parametric Hazard Rate Plots
Distribution Fitting	Kolmogorov-Smirnov Normality Test	Probability Plot Comparison
Distribution Plots	Kolmogorov-Smirnov Test	Probability Plots
Epanechnikov Kernel	Kurtosis	Product-Limit Estimator
ESD Outliers	Kurtosis Normality Test	Product-Limit Survivorship
Exponential Distribution	Logistic Distribution	Reliability
Exponential Fit	Logistic Fit	Residuals
Exponential Probability Plots	Logistic Probability Plots	Rosner's Outlier Test
Extreme Studentized Deviate	Log-Logistic Distribution	Shapiro-Wilk Normality Test
Extreme Value Distribution	Log-Logistic Fit	Skewness
Extreme Value Fit	Log-Logistic Probability Plots	Skewness Normality Test
Extreme Value Probability Plots	Log-Normal Distribution	Survival Analysis
Extreme Values	Log-Normal Fit	Survival Distribution Fitting
Failure Distribution	Log-Normal Plots	Survival Function
Gamma Distribution	Log-Normal Probability Plots	Survival Plots
Gamma Distribution Fitting	Martinez-Iglewicz Normality Test	Survivorship - Beta Plots
Gamma Plots	Mill's Ratio	Survivorship - Gamma Plots
Gamma Probability Plots	Nelson-Aalen Hazard	Survivorship Plots
Greenwood's Formula	Newton-Raphson	Test of Normality
Grubbs' Outlier Test	Normal Distribution	Uniform Distribution
Grubbs' Test	Normal Fit	Uniform Probability Plots
Half-Normal Distribution	Normal Probability	Weibull Distribution
Half-Normal Plots	Normal Probability Plots	Weibull Fit
Half-Normal Probability Plots	Normality Plots	Weibull Probability Plots
Hazard Function	Normality Tests	
Hazard Function Plots	Number At Risk	
Hazard Rate	Omnibus Normality Test	

Forecasting

Amplitude	Cycle-Input	Fourier Series
Analysis of Runs	Cycles	Frequencies
ARIMA	Cyclical Regression	Function Plots
ARIMA (Box-Jenkins)	Data Plots	Harmonic Regression
ARMA	Decomposition Forecasting	Holt's Linear Trend
Autocorrelation Plots	Decomposition Ratio Plots	Holt-Winters Exponential Smoothing
Autocorrelations	Differencing	Holt-Winters Forecasting
Automatic ARMA	Double Exponential Smoothing	k-Category Runs Test for Randomness
Backcasting	Exact Runs Test for Randomness	Ljung Statistic
Box-Jenkins	Exact Runs Test for Serial Randomness	MAE
Box-Pierce-Ljung Statistic	Exponential Smoothing	MAPE
Computing Runs	Exponential Smoothing - Horizontal	Multiple Regression
Continuity Correction	Exponential Smoothing - Trend	Nonparametric
Correlation Coefficient	Exponential Smoothing - Trend / Seasonal	Nonparametric Tests
Correlogram	Fast Fourier Transform	Number of Runs
Cosines	Forecast Plots	Partial Autocorrelation
Cross-Correlations	Forecasting	Partial Autocorrelation Plots
Cross-Correlations Plots	Fourier Plots	Periodic Regression
Cycle		Periodogram Plots
Cycle Regression		Portmanteau Test

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Predicted Values	Seasonality	Test for Serial Randomness
Prediction Limits	Serial Randomness	Tests for Randomness
Probability Plots	Sines	Tests for Runs
Randomness Tests	Single-Sample k-category Runs Test for Randomness	Theoretical ARMA
Ratio Plots	Single-Sample Runs Test for Randomness	Time Series
Regression	Single-Sample Runs Test for Serial Randomness	Time Series Plots
Residual Plots	Single-Sample Runs Test for Serial Randomness	Up-Down Runs Test
Runs Analysis	Single-Sample Runs Tests	Wald-Wolfowitz Runs Test
Runs Charts	Sinusoidal Regressions	Wave Regression
Runs Test for Serial Randomness	Spectral Analysis	Winters Forecasting
Runs Tests	Spectrum Plots	Yule-Walker
Scatter Plots		
Seasonal Differencing		

Group-Sequential Analysis

Alpha Spending	Difference in Hazard Rates - Group- Sequential - Superiority by a Margin	Group-Sequential Design - Two Hazard Rates
Beta Spending	Difference in Means - Group Sequential	Group-Sequential Design - Two Hazard Rates - Non-Inferiority
Binding Futility Boundary	Difference in Means - Group- Sequential	Group-Sequential Design - Two Hazard Rates - Superiority by a Margin
Boundary Plot	Difference in Means - Non-Inferiority - Group-Sequential	Group-Sequential Design - Two Means
Comparing Two Hazard Rates - Group-Sequential	Difference in Means - Superiority by a Margin - Group-Sequential	Group-Sequential Design - Two Means - Non-Inferiority
Comparing Two Hazard Rates - Group-Sequential - Non-Inferiority	Difference in Proportions - Group- Sequential	Group-Sequential Design - Two Means - Superiority by a Margin
Comparing Two Hazard Rates - Group-Sequential - Superiority by a Margin	Difference in Proportions - Non- Inferiority - Group-Sequential	Group-Sequential Design - Two Proportions
Comparing Two Means - Group- Sequential	Difference in Proportions - Superiority by a Margin - Group-Sequential	Group-Sequential Design - Two Proportions - Non-Inferiority
Comparing Two Means - Non- Inferiority - Group-Sequential	Difference in Survival Curves - Group- Sequential	Group-Sequential Design - Two Proportions - Superiority by a Margin
Comparing Two Means - Superiority by a Margin - Group-Sequential	Difference in Survival Curves - Group- Sequential - Non-Inferiority	Group-Sequential Design - Two Survival Curves
Comparing Two Proportions - Group- Sequential	Difference in Survival Curves - Group- Sequential - Superiority by a Margin	Group-Sequential Design - Two Survival Curves - Non-Inferiority
Comparing Two Proportions - Non- Inferiority - Group-Sequential	Efficacy Boundaries	Group-Sequential Design - Two Survival Curves - Superiority by a Margin
Comparing Two Proportions - Superiority by a Margin - Group- Sequential	Futility Boundaries	Group-Sequential Non-Inferiority Analysis for Two Hazard Rates
Comparing Two Survival Curves - Group-Sequential	Group-Sequential	Group-Sequential Non-Inferiority Analysis for Two Means with Known Variances
Comparing Two Survival Curves - Group-Sequential - Non-Inferiority	Group-Sequential Analysis for One Mean with Known Variance	Group-Sequential Non-Inferiority Analysis for Two Proportions
Comparing Two Survival Curves - Group-Sequential - Superiority by a Margin	Group-Sequential Analysis for Two Hazard Rates	Group-Sequential Non-Inferiority T- Tests for Two Means
Conditional Power	Group-Sequential Analysis for Two Means with Known Variances	
Difference in Hazard Rates - Group- Sequential	Group-Sequential Analysis for Two Proportions	
Difference in Hazard Rates - Group- Sequential - Non-Inferiority	Group-Sequential Design - Logrank Test	
	Group-Sequential Design - One Mean	

NCSS Procedure and Topic List (Categorized)

Group-Sequential Superiority by a Margin Analysis for Two Hazard Rates	Hazard Rates Two Group-Sequential - Superiority by a Margin	Survival Group-Sequential - Non-Inferiority
Group-Sequential Superiority by a Margin Analysis for Two Means with Known Variances	Interim Analysis - Logrank Test	Survival Group-Sequential - Superiority by a Margin
Group-Sequential Superiority by a Margin Analysis for Two Proportions	Interim Analysis - One Mean	T-Test
Group-Sequential Superiority by a Margin T-Tests for Two Means	Interim Analysis - Two Hazard Rates	T-Test - Non-Inferiority
Group-Sequential Tests	Interim Analysis - Two Hazard Rates - Non-Inferiority	T-Test - One Mean
Group-Sequential Tests for Logrank Tests	Interim Analysis - Two Hazard Rates - Superiority by a Margin	T-Test - Superiority by a Margin
Group-Sequential Tests for One Mean	Interim Analysis - Two Means	T-Test - Two Means
Group-Sequential Tests for Two Hazard Rates	Interim Analysis - Two Means - Non-Inferiority	T-Test - Two Means - Non-Inferiority
Group-Sequential Tests for Two Hazard Rates - Non-Inferiority	Interim Analysis - Two Means - Superiority by a Margin	T-Test - Two Means - Superiority by a Margin
Group-Sequential Tests for Two Hazard Rates - Superiority by a Margin	Interim Analysis - Two Proportions	Two Hazard Rates - Group-Sequential
Group-Sequential Tests for Two Means - Non-Inferiority	Interim Analysis - Two Proportions - Non-Inferiority	Two Hazard Rates - Group-Sequential - Non-Inferiority
Group-Sequential Tests for Two Means - Superiority by a Margin	Interim Analysis - Two Proportions - Superiority by a Margin	Two Hazard Rates - Group-Sequential - Superiority by a Margin
Group-Sequential Tests for Two Survival Curves	Interim Analysis - Two Survival Curves	Two Hazard Rates Group Sequential
Group-Sequential Tests for Two Survival Curves - Non-Inferiority	Interim Analysis - Two Survival Curves - Non-Inferiority	Two Hazard Rates Group Sequential - Non-Inferiority
Group-Sequential Tests for Two Survival Curves - Superiority by a Margin	Interim Analysis - Two Survival Curves - Superiority by a Margin	Two Hazard Rates Group Sequential - Superiority by a Margin
Group-Sequential T-Test	Logrank Test - Group-Sequential	Two Means - Group Sequential
Group-Sequential T-Test - Non-Inferiority	Means - Group-Sequential	Two Means - Group-Sequential
Group-Sequential T-Test - Superiority by a Margin	Means - Non-Inferiority - Group-Sequential	Two Means - Non-Inferiority - Group Sequential
Group-Sequential T-Tests for One Mean	Means - One - Group-Sequential	Two Means - Non-Inferiority - Group-Sequential
Group-Sequential T-Tests for Two Means	Means - Superiority by a Margin - Group-Sequential	Two Means - Superiority by a Margin - Group Sequential
Hazard Rates Group-Sequential	Means Two - Non-Inferiority - Group-Sequential	Two Means - Superiority by a Margin - Group-Sequential
Hazard Rates Group-Sequential - Non-Inferiority	Means Two - Superiority by a Margin - Group-Sequential	Two Proportions - Group-Sequential
Hazard Rates Group-Sequential - Superiority by a Margin	Non-Binding Futility Boundary	Two Proportions - Non-Inferiority - Group-Sequential
Hazard Rates Two Group-Sequential	One Mean - Group-Sequential	Two Proportions - Superiority by a Margin - Group-Sequential
Hazard Rates Two Group-Sequential - Non-Inferiority	Predictive Power	Two Survival Curves - Group-Sequential
	Re-estimation of Sample Size	Two Survival Curves - Group-Sequential - Non-Inferiority
	Sample Size Re-estimation	Two Survival Curves - Group-Sequential - Superiority by a Margin
	Spending Functions	Two Survival Curves Group Sequential
	Survival Curves Two Group-Sequential	Two Survival Curves Group Sequential - Non-Inferiority
	Survival Curves Two Group-Sequential - Non-Inferiority	Two Survival Curves Group Sequential - Superiority by a Margin
	Survival Curves Two Group-Sequential - Superiority by a Margin	Two Survival Curves Group Sequential - Non-Inferiority
	Survival Group-Sequential	Two Survival Curves Group Sequential - Superiority by a Margin

NCSS Procedure and Topic List (Categorized)

Item Analysis

Alpha - Cronbach's	Item Analysis	Multivariate Analysis
Coefficient Alpha	Item Response Analysis	Reliability
Cronbach's Alpha	Item Response Plots	

Meta-Analysis

Cochran's Q Test	Meta-Analysis	Radial Plots
Correlated Proportions	Meta-Analysis of Correlated Proportions	Random Effects Models
Effect-Equality Test	Meta-Analysis of Hazard Ratios	Relative Risk
Fixed Effects Models	Meta-Analysis of Means	Risk Difference
Forest Plots	Meta-Analysis of Proportions	Risk Ratio
Hazard Ratio	Odds Ratio	T-Tests
Heterogeneity Test	Proportions	Zero-Effect Test
L'Abbe Plots	Proportions Tests	
Means		

Method Comparison

Agreement	Extreme Values	Orthogonal Regression
Anderson-Darling Normality Test	Grubbs' Outlier Test	Outlier Detection
Average-Difference Plots	Grubbs' Test	Outlier Test
Bablok Regression	Histograms	Outliers
Bland-Altman	Jackknife Standard Error Estimation	Paired t-test
Bland-Altman Plot and Analysis	Kendall's Tau Correlation	Passing Bablok Regression
Bland-Altman Plots	Kolmogorov-Smirnov Normality Test	Passing Regression
Block Outlier Tests	Kolmogorov-Smirnov Test	Passing-Bablok Regression for Method Comparison
Box-Cox Power Transformation	Kurtosis	Precision Measure
Box-Cox Transformation	Kurtosis Normality Test	Probability Plots
CCC	Limits of Agreement	Proportional Errors
Concordance Coefficient	Lin's CCC	Rank Regression
Concordance Correlation Coefficient	Lin's Concordance Correlation Coefficient	Rater Reliability
Correlation Coefficient	LoA	Reliability
CUSUM Test	Martinez-Iglewicz Normality Test	Reproducibility
D'Agostino Kurtosis Normality Test	Mean Comparison	Residual Plots
D'Agostino Omnibus Normality Test	Mean Difference	Robust Regression
D'Agostino Skewness Normality Test	Mean Equality	Rosner's Outlier Test
Deming Regression	Means	Scatter Plots
Descriptive Statistics	Measurement Error	Shapiro-Wilk Normality Test
Detecting Outliers	Method Comparison	Simple Deming Regression
Diagnostic Tests	Normal Distribution	Skewness
Difference vs. Average Plots	Normal Probability	Skewness Normality Test
Equivalence Tests	Normal Probability Plots	Test of Normality
Errors-in-Variables Regression	Normality Tests	Weighted Deming Regression
ESD Outliers	Omnibus Normality Test	
Extreme Studentized Deviate		

NCSS Procedure and Topic List (Categorized)

Mixed Models

AIC	Hessian Matrix	R Matrix
Akaike Information Criterion	Heterogenous Variances	Random Coefficients Models
Analysis of Covariance	Hierarchical Regression	Random Effects Models
Analysis of Variance	Kenward and Roger Method	Random Models
ANCOVA	L Matrix	Randomized Complete Block Design
ANOVA	Linear Mixed Model	Analysis
AOV	Longitudinal Data Analysis	REML
Between Factors	Means Plots	Repeated Measures
Bonferroni Adjustment	MIVQUE	Repeated Measures Analysis of
Compound Symmetry	Mixed Models	Variance
Covariance Pattern	Mixed Models - General	Repeated Measures Design Analysis
Covariates	Mixed Models - No Repeated	Restricted Maximum Likelihood
Cross-Over Analysis	Measures	Split-Plot Design Analysis
Cross-Over Design Analysis	Mixed Models - Random Coefficients	Subject Plots
Differential Evolution	Mixed Models - Repeated Measures	T-Tests
Factorial Mixed Models	Model Fitting	Unequal Variances Tests
Fisher Scoring	Multiple Comparison Tests	Variance-Covariance Matrix
Fixed Effects Models	Newton-Raphson	Within Factors
F-Test	Paired Comparisons	
G Matrix	Planned Comparisons	

Multivariate Analysis

Association - Partial and Marginal	Eigenvalues	MANOVA
Bartlett's Sphericity Test	Eigenvectors	Marginal Association
Bartlett's Test	EM Algorithm	MDS Map
Bonferroni C.I.'s	Equality of Covariance	Means
Box's M Test	Expected Mean Squares	Means Plots
CA	Factor Analysis	Metric Multidimensional Scaling
Canonical Coefficients	Factor Loadings	Missing Value Estimation
Canonical Correlation	Freeman-Tukey Standardized Residual	Multicollinearity
Canonical Scores	FT-SR	Multidimensional Scaling
Canonical Scores Plots	Gleason-Staelin Redundancy Measure	Multivariate Analysis
Canonical Variates	Goodness-of-Fit Tests	Multivariate Analysis of Variance
Chi-Square Test	Heat Map	(MANOVA)
Collinearity	Hierarchical Models	Multivariate Normal
Communality	Hotelling's One-Sample T2	Multivariate T-Test
Confidence Interval	Hotelling's Paired-Sample T2	Multiway Frequency Analysis
COR	Hotelling's Two-Sample T2	Non-Metric Multidimensional Scaling
Correlation Coefficient	Imputation	Outliers
Correlation Eigenvalues	Imputing Data	Paired T-Test
Correlation Matrix	Lambda	Partial Association
Correspondence Analysis	Lawley-Hotelling Trace	PCA
Correspondence Plots	Linear Discriminant Function	Pearson Chi-square
Covariance Eigenvalues	Linear Discriminant Scores	Pillai's Trace
Covariance Matrix	Linear Discriminant Scores Plots	Principal Components
CTR	LLM	Principal Components Analysis
Discriminant Analysis	Loadings	Principal Coordinates
Dissimilarity Plots	Loadings Plots	Quartimax Rotation
Distance	Loglinear Models	Randomization Test

NCSS Procedure and Topic List (Categorized)

Regression Scores Plots	Score Coefficients	Subset Selection
Repeated Measures	Scores Plots	T2
Repeated Measures Analysis of Variance	Scree Plots	T-Tests
Robust Weight	Simultaneous C.I.'s	Variable Selection
Roy's Largest Root	Sphericity Test	Variable-Variate Correlations
R-Squared	Standardized Canonical Coefficients	Varimax Rotation
	Stress	Wilks' Lambda

Nondetects Data

Censoring	Log-Normal Distribution	Peto-Peto Test
Cox-Snell Residuals	Logrank Test	Plots
EDF Plots	Model Fitting	Regression
Empirical Distribution Function	Nondetects Analysis	R-Squared
Gehan Test	Nondetects-Data Group Comparison	Tarone-Ware Test
Kaplan-Meier	Nondetects-Data Regression	
Kaplan-Meier Curves	Nonparametric	

Nonparametric

Analysis of Runs	Mann-Whitney U Test (Two-Sample Non-Inferiority Test)	ROC Curves
Bootstrap Confidence Intervals (One-Sample T-Test)	Mann-Whitney U Test (Two-Sample T-Test)	Sign Test (One-Sample T-Test)
Bootstrap Confidence Intervals (Paired T-Test)	Nondetects-Data Group Comparison	Sign Test (Paired T-Test)
Bootstrap Confidence Intervals (Two-Sample T-Test)	Randomization Test (Curve Fitting - General)	Spearman Rank Correlation (Correlation)
Cochran's Q Test	Randomization Test (Hotelling's One-Sample T2)	Spearman Rank Correlation (Correlation Matrix)
Conover Equal Variance Test (One-Way ANOVA)	Randomization Test (Hotelling's Two-Sample T2)	Spearman Rank Correlation (Linear Regression and Correlation)
Cumulative Incidence	Randomization Test (Kaplan-Meier Curves (Logrank Tests))	Wilcoxon Rank-Sum Test (Two-Sample Equivalence Test)
Dunn's Test (One-Way ANOVA)	Randomization Test (Linear Regression and Correlation)	Wilcoxon Rank-Sum Test (Two-Sample Non-Inferiority Test)
Friedman's Rank Test (Balanced Design ANOVA)	Randomization Test (Michaelis-Menten Equation)	Wilcoxon Rank-Sum Test (Two-Sample T-Test)
Kaplan-Meier Curves (Logrank Tests)	Randomization Test (One-Sample T-Test)	Wilcoxon Signed-Rank Test (One-Sample T-Test)
Kendall's Tau Correlation	Randomization Test (Paired T-Test)	Wilcoxon Signed-Rank Test (Paired T-Test)
Kolmogorov-Smirnov Test (Two-Sample T-Test)	Randomization Test (Two-Sample T-Test)	
Kruskal-Wallis Test (One-Way ANOVA)		
Mann-Whitney U Test (Two-Sample Equivalence Test)		

Operations Research

Assignment	Dual Simplex Algorithm	Linear Programming
Assignment Algorithm	Final Tableau	Linear Programming with Bounds
Binary Integer Programming	Flow	Linear Programming with Tableau
Capacitated Flow	Forest	LP
Constraints	Greedy Algorithm	Maximal Flow
Decision Variables	Integer Programming	Maximum Flow

NCSS Procedure and Topic List (Categorized)

Minimum Cost Capacitated Flow	Objective Function	Shortest Route
Minimum Cost Flow	Operations Research	Simplex Algorithm
Minimum Path	Optimal RHS	Spanning Tree
Minimum Spanning Forest	Optimization	Tableau
Minimum Spanning Tree	Original Cost	Transportation
Mixed Integer Linear Programming	QP	Transportation Algorithm
Mixed Integer Programming	Quadratic Programming	Transshipment
Network	RHS	Tree
Network Flow	Shortest Path	

Proportions

2x2 Table	Comparing Two Proportions - Group-Sequential	Exact Binomial Test
Absolute Risk	Comparing Two Proportions - Non-Inferiority - Group-Sequential	Exact Conditional Binomial Test
Adjusted Kappa Statistic	Comparing Two Proportions - Superiority by a Margin - Group-Sequential	Exact Conditional Confidence Interval
Alpha Spending	Conditional Exact Confidence Interval - Odds Ratio	Exact Confidence Interval
Angular Transformation of Proportions	Conditional Mantel-Haenszel Test	Exact Test
ArcSin Transformation	Conditional Power	Expected Counts
Armitage Rank Correlation Test	Confidence Interval	Farrington-Manning Score
Association - Partial and Marginal	Confidence Interval for One Proportion	Fisher Conditional Exact Test
Association and Correlation Statistics	Confidence Interval for Proportions	Fisher's Exact Test
Bar Charts	Contingency Tables	Fleiss Confidence Interval
Barnard Exact Test	Contingency Tables (Crosstabs / Chi-Square Test)	Freeman-Tukey Standardized Residual
Beta Spending	Continuity Correction	Frequencies
Binding Futility Boundary	Correlated Proportions	Frequency Tables
Binomial Test	Correlation Statistics	FT-SR
Binomial Test of Odds Ratio	Count Adjustment	Futility Boundaries
Blackwelder Test	Count Tables	Gamma
Blackwelder-Nam Confidence Interval	Counts	Gart-Nam Score
Bonferroni Multiple Comparisons of Proportions versus a Control	Cramer's V	Goodness-of-Fit Tests
Bootstrap Confidence Interval	Cross Tabulation	Group-Sequential Analysis for Two Proportions
Bootstrapping	Crosstabs	Group-Sequential Design - Two Proportions
Boundary Plot	Descriptive Statistics	Group-Sequential Design - Two Proportions - Non-Inferiority
Cell Counts	Descriptive Tables	Group-Sequential Design - Two Proportions - Superiority by a Margin
Chen's Quasi-Exact Confidence Interval	Difference in Proportions	Group-Sequential Non-Inferiority Analysis for Two Proportions
Chi-Square	Difference in Proportions - Group-Sequential	Group-Sequential Superiority by a Margin Analysis for Two Proportions
Chi-Square Test	Difference in Proportions - Non-Inferiority - Group-Sequential	Hierarchical Models
Cluster Proportions	Difference in Proportions - Superiority by a Margin - Group-Sequential	Incidence rates
Cluster Randomization	Dunnett Multiple Comparisons of Proportions versus a Control	Independence Tests
Cluster Randomization - Create Cluster Proportions Dataset	Efficacy Boundaries	Interim Analysis - Two Proportions
Cluster Randomization - Create Cluster Rates Dataset	Equivalence Tests	Interim Analysis - Two Proportions - Non-Inferiority
Cluster Rates	Equivalence Tests using TOST	Interim Analysis - Two Proportions - Superiority by a Margin
Cluster Survival		Inter-Rater Agreement (Kappa)
Cochran-Armitage Proportion Trend Test		
Cochran-Armitage Proportion Trend Test with Continuity Correction		
Cochran's Q Test		
Column Percentages		

NCSS Procedure and Topic List (Categorized)

Kappa Reliability Test	Pearson's Chi-Square Test	Tukey-Kramer Pairwise Multiple
Kappa Statistic	Pearson's Contingency Coefficient	Comparisons of Proportions
Kappa Test for Inter-Rater Agreement	Percentages	Two Correlated Proportions
Katz Logarithm Confidence Interval	Phi	Two Correlated Proportions -
Kendall's Tau	Predictive Power	Equivalence Tests
Lambda	Proportion - One	Two Correlated Proportions - Non-
Likelihood Ratio Test	Proportion Trend Test	Inferiority Tests
LLM	Proportions	Two Correlated Proportions -
Loglinear Models	Proportions - Multiple Comparisons	Superiority by a Margin Tests
Mantel-Haenszel Confidence Intervals	Proportions - Two	Two Correlated Proportions
Mantel-Haenszel Test	Proportions Tests	(McNemar Test)
Many to one Multiple Comparisons of	Ratio of Proportions	Two Proportions
Proportions	Re-estimation of Sample Size	Two Proportions - Equivalence Tests
Marginal Association	Relative Risk	Two Proportions - Group-Sequential
McNemar Test	Relative Risk Reduction	Two Proportions - Non-Inferiority -
Miettinen-Nurminen Score	Reliability	Group-Sequential
Minimum Required Difference	Risk Ratio	Two Proportions - Non-Inferiority
Multinomial Test	Risk Reduction	Tests
Multiple Comparison Tests	Robins Confidence Interval	Two Proportions - Superiority by a
Multiple Comparisons of Proportions	Row Percentages	Margin - Group-Sequential
Multiple Comparisons of Proportions	Row-Column Independence Test	Two Proportions - Superiority by a
versus a Control	Sample Size Re-estimation	Margin Tests
Multiway Frequency Analysis	Score	Two Proportions - Two-Sided Tests vs.
Nam Equivalence Test	Score Test Pairwise Multiple	a Margin
Nam Score Confidence Interval	Comparisons of Proportions	Two-by-Two Tables
Nam Score Test	Score Tests	Two-sided Tests vs. a Margin
Nam-Blackwelder Confidence Interval	SD	Two-Way Tables
Nam-Blackwelder Test	Simultaneous confidence intervals of	Unconditional Exact Farrington-
Non-Binding Futility Boundary	the differences among several	Manning Score Test
Non-Inferiority	proportions	Wald Confidence Interval
Non-Inferiority Tests	Spending Functions	Wald Ratio Multiple Comparisons of
Nonparametric	Standard Deviation	Proportions
Nonparametric Tests	Standardized Residuals	Wald Test
Number Needed to Treat	Studentized Range Distribution	Wald test of difference
Odds Ratio	Summarize Clusters	Wald Z Confidence interval
One Proportion	Summary Lists	Wald Z Continuity Correction
One Proportion - Equivalence Tests	Summary Tables	Wald Z Test
One Proportion - Non-Inferiority Tests	Sums	Walters Confidence Interval
One Proportion - Superiority by a	Superiority by a Margin	Weighted Kappa
Margin Tests	Superiority by a Margin Tests	Weighted Kappa Reliability Test
One Proportion Tests	Superiority Tests	Weighted Kappa Statistic
One-Sided Dunnett Multiple	Survival Rates	Weighted Kappa Test for Inter-Rater
Comparisons of Proportions versus a	Symmetric Lambda	Agreement
Control	Table of Proportions	Wilson Score
Paired Proportions	Table of Rates	Wilson Score Confidence Interval
Paired T-Test	Table Percentages	Woolf's Confidence Interval
Pairwise Multiple Comparisons of	Table Statistics	Woolf's Confidence Limits
Proportions	Tables - Descriptive	Woolf's Odds Ratio Analysis
Partial Association	TOST	Yates' Continuity Corrected Chi-
Pearson Chi-square	TOST Equivalence Test	Square Test
Pearson Conditional Exact Test	Tschuprow's T	Z-Tests

Quality Control

Acceptable Quality Level	k-Category Runs Test for Randomness	Repeatability and Reproducibility Study
Acceptance Number	Kolmogorov-Smirnov Test	Reproducibility
Acceptance Sampling	k-Period Lag	Runs Analysis
Acceptance Sampling for Attributes	Kurtosis	Runs Charts
Analysis of Runs	Kurtosis Normality Test	Runs Test for Serial Randomness
Anderson-Darling Normality Test	Lag	Runs Tests
AQL	Lag Plots	s Charts
Attribute Charts	Levey-Jennings Charts	Sampling Plans
Autocorrelations	Limiting Quality Level	Sbar
C Charts	Lot Proportion Defective	Scatter Plots
Capability Analysis	Lot Tolerance Proportion Defective	Serial Randomness
Capability Histograms	LQL	Shapiro-Wilk Normality Test
Chi-Square Normality Test	LTPD	Shewhart
Computing Runs	MA Charts	Sigma Limits
Consumer's Risk	Measurement Error	Signal-to-Noise Ratio
Continuity Correction	Moving Average Charts	Single-Sample k-category Runs Test for Randomness
Control Charts	Moving Range Charts	Single-Sample Runs Test for Randomness
Control Limits	Nonconforming	Single-Sample Runs Test for Serial Randomness
Cp	Nonparametric	Single-Sample Runs Tests
Cpk	Nonparametric Tests	Sinusoidal Pattern
Cpkm	Normality Tests	Skewness
Cpm	NP Charts	Skewness Normality Test
Cumulative Chart	Number of Runs	Standard Deviation Charts
Cumulative Pareto Chart	OC Curves	Test for Serial Randomness
Cumulative Sum Charts	Operating Characteristic Curves	Tests for Randomness
CUSUM Charts	Operating Characteristic Curves for Acceptance Sampling for Attributes	Tests for Runs
D'Agostino Kurtosis Normality Test	Out-of-Control	Time Series
D'Agostino Omnibus Normality Test	P Charts	Time Series Plots
D'Agostino Skewness Normality Test	Pareto Charts	Tolerance Intervals
Defective	Plots	Tolerance Limits
Descriptive Statistics	Precision-to-Tolerance Ratio	Tolerance R & R
EWMA Charts	Probability Plots	U Charts
Exact Runs Test for Randomness	Process Capability Ratio	Up-Down Runs Test
Exact Runs Test for Serial Randomness	Process Variation	Wald-Wolfowitz Runs Test
Exponential Distribution	Producer's Risk	Westgard Rules
Exponentially Weighted Moving Average Chart	Product Inspection Plans	X-bar and R Charts
Gauge Study	Quality Control	X-bar and s Charts
Histograms	Quality Control Charts	Xbar Charts
I-MR Charts	R & R Study	X-bar Charts
In-Control	R Charts	Zones
Individuals and Moving Range Charts	Randomness Tests	
Individuals Charts	Range Charts	
Inspection Plans	Rbar	
	Repeatability	

Reference Intervals

Anderson-Darling Normality Test	Kurtosis Normality Test	Reference Range
Bablok Regression	Median-Slope Regression	Regression
Bootstrap Confidence Interval	Model Fitting	Residual Plots
Centiles	Nonlinear Regression	Robust Linear Regression (Passing- Bablok Median-Slope)
CLSI	Normality Test	Robust Reference Interval
Curve Fitting	Normality Tests	Robust Regression
D'Agostino Kurtosis Normality Test	Orthogonal Regression	R-Squared
D'Agostino Omnibus Normality Test	Passing Bablok Regression	Scatter Plots
D'Agostino Skewness Normality Test	Passing Regression	Shapiro-Wilk Normality Test
Descriptive Statistics	Percentiles	Skewness
EP28-A3c	Polynomial Regression	Skewness Normality Test
Fetal Size	Predicted Values	Sum of Functions Models
Fractional Polynomials	Probability Plots	Tolerance Intervals
Function Plots	Rank Regression	Tolerance Limits
Histograms	Ratio of Polynomials	Transference
Kendall's Tau Correlation	Reference Bounds	
Kolmogorov-Smirnov Test	Reference Intervals	
Kurtosis	Reference Intervals - Age-Specific	

Regression

2SLS	Bleasdale-Nelder Model Fit	Confidence Band
Accelerated Testing	Bonferroni	Confidence Interval
Adjusted R-Squared	Bonferroni Test	Contour Plots
AIC	Bootstrap Confidence Interval	Cook's D
Akaike Information Criterion	Bootstrapping	Cook's Distance
All Possible Regressions	Box-Cox Algorithm	Correlation - Pearson
All Possible Subsets	Box-Cox for Linear Regression	Correlation - Spearman
Amplitude	Box-Cox for Regression	Correlation Coefficient
Analysis of Covariance	Box-Cox Plots	Correlation Matrix
Analysis of Covariance (ANCOVA) with Two Groups	Box-Cox Power Transformation	Cosines
Analysis of Deviance	Box-Cox Transformation	Counts
Analysis of Variance	Box-Cox Transformation for Simple Linear Regression	Counts Regression
ANCOVA	Breslow Ties	COV
Anderson-Darling Normality Test	Canonical Coefficients	Covariance
Andrews' Sine	Canonical Scores	Covariance Analysis
ANOVA	Canonical Scores Plots	Cox Proportional Hazards Regression
Anscombe Residuals	Canonical Variates	Cox Regression
AOV	Case-Control	Cox-Snell Residuals
Autocorrelation Regression	Censored Regression	Cp
Autocorrelations	Censoring	Cp Plots
Autoregressive Error Model	Change in Deviance Test	Cubic Model Fit
Average Absolute Percent Error	Chi-Square	Cumulative Hazard
Bablok Regression	Chi-Square Test	Cumulative Survival
Backward Selection	Cochrane-Orcutt Procedure	Curve Fitting
Backward-Step Regression	Coefficient of Variation	Curve Fitting - General
Beta Trace	Coefficients	Curve Fitting Plots
Beta Trace Plots	Comparing Two Means	Curve Inequality Test
Binary Response	Conditional Logistic Regression	Custom Model
		CUSUM Test

NCSS Procedure and Topic List (Categorized)

Cycle Regression	Fractional Polynomials	Linear Model Fit
Cycles	Frequencies	Linear Regression
Cyclical Regression	F-Test	Linear Regression - Box-Cox
D'Agostino Kurtosis Normality Test	Function Plots	Linear Regression and Correlation
D'Agostino Omnibus Normality Test	G Statistic Test	Linear-Linear Model Fit
D'Agostino Skewness Normality Test	General Linear Models (GLM)	Linear-Linear-Linear Model Fit
Data Fitting	General Linear Models (GLM) for Fixed Factors	Linear-Logistic Model
Deming Regression	Geometric Regression	Linear-Quadratic Model Fit
Descriptive Statistics	GLM	Loess
Deviance Residuals	Gompertz Model Fit	Logarithmic Model Fit
Deviance Test	Goodness-of-Fit Tests	Logistic Error Regression
DFBETA	Group Comparison Plots	Logistic Model Fit
DFCHI2	Harmonic Regression	Logistic Regression
DFDEV	Hat Diagonal	Logit
DFFIT5	Hat Values	Log-Logistic Error Regression
Difference vs. Average Plots	Hat vs. Row Plots	Log-Logistic Regression
Discriminant Analysis	Hausmans Test	Log-Normal Distribution
Dispersion Alpha	Hazard Function	Log-Normal Error Regression
Dispersion Phi	Hazard Function Plots	Log-Normal Model Fit
Dose	Hazard Rate	Log-Normal Regression
Dose-Response	Hazard Ratio	Lowess
Dose-Response Plots	Heteroscedasticity	Mallow's Cp
Dunnett's Confidence Intervals	Hierarchical Forward Selection	Mallow's Cp
Dunnett's Test vs. a Control	Hierarchical Models	Martingale Residuals
Durbin-Watson Test	Hierarchical Regression	Mass Appraisal
Econometrics	Hierarchical Subset Search	Matched
Efron Ties	Hill Model Fit	McHenry's Select Algorithm
Eigenvalues	Histograms	Means
Eigenvectors	Holliday Model Fit	Means Plots
Endogeneity	Honest Significant Difference	Measurement Error
Endogenous Variables	Huber's Method	Median-Slope Regression
Enzyme Kinetics	Hyperbola	Mediation Analysis
Equal Variance Tests	Incidence Plots	Mediation Regression
Equivalence	Incidence Rate	M-Estimators
Equivalence Tests	Influence	Method Comparison
Equivalence Tests using TOST	Instrument Variables	Michaelis-Menten Equation
Errors-in-Variables Regression	Instrumental Variables	Michaelis-Menten Model Fit
Estimation of Property Values	Jackknife Standard Error Estimation	Min MSE
Exogenous Variables	K Analysis	Min RMSE
Exponential Error Regression	Kendall's Tau Correlation	Minimum MSE
Exponential Model Fit	Kinetics	Minimum RMSE
Exponential Regression	Kurtosis Normality Test	Model Fitting
Extreme Value Error Regression	Lack-of-Fit Test	Model Fitting for Appraisal
Factorial Design Analysis	Lambda	Model Searching
Farazdaghi and Harris Model Fit	Least Squares	Monomolecular Model Fit
Fisher's LSD Test	Levenberg-Marquardt Nonlinear Least-Squares Algorithm	Morgan-Mercer-Floding Model Fit
Fisher's Z Transformation	Levene's Equal Variance Test	Multicollinearity
Fixed Factor	Likelihood Ratio Test	Multinomial Logistic Regression
Forecasting	Linear Discriminant Function	Multiple Comparison Tests
Forward Selection	Linear Discriminant Scores	Multiple Comparisons Plots
Forward-Step Regression	Linear Discriminant Scores Plots	Multiple Linear Regression
Fourier Series		Multiple Regression
Fractional Polynomial Regression		Multiple Regression - Basic

NCSS Procedure and Topic List (Categorized)

Multiple Regression for Appraisal	Poisson-Gamma Regression	Risk Ratio
Multiple Regression with Serial Correlation	Polynomial Ratio	Robust
Multiple-Group Logistic Regression	Polynomial Ratio Model Fit	Robust Linear Regression (Passing-Bablok Median-Slope)
Multisample Test	Polynomial Regression	Robust Mediation Analysis
Multivariate Analysis	Power Model Fit	Robust Regression
Multivariate Polynomial Ratio Fit	Power Transformation	Robust Residuals
Multivariate Regression	Predicted Values	Robust Weight
Multivariate Variable Selection	Prediction Limits	ROC Curves
Nash's MRT Algorithm	PRESS Statistics	Root MSE
Negative Binomial Regression	Principal Components	Root MSE Plots
Nominal Logistic Regression	Principal Components Regression	R-Squared
Nondetects Analysis	Prob Correct vs. Cutoff Plots	R-Squared Plots
Nondetects-Data Regression	Probability Ellipse	RStudent Residuals
Non-Inferiority	Probability Plots	Scaled Schoenfeld's Residuals
Non-Inferiority Tests	Probit Analysis	Scatter Plots
Nonlinear Regression	Probit Plots	Scheffe's Test
Nonparametric Tests	Property Valuation	Schoenfeld's Residuals
Normal Error Regression	Proportional Errors	Schoenfeld's Residuals Plots
Normal Model Fit	Proportional Hazards Regression	Scores Plots
Normal Range	Quadratic Model Fit	Sequence Plots
Normal Regression	Quadratic-Linear Model Fit	Sequential Models
Normality Plots	Quadratic-Quadratic Model Fit	Serial Correlation
Normality Test	Quantile Regression	Serial Correlation Plots
Normality Tests	Randomization Test	Shapiro-Wilk Normality Test
OLS	Rank Regression	Shinozaki and Kira Model Fit
One-Way Analysis of Covariance (ANCOVA)	Ratio of Polynomials	Sidak Test
One-Way Analysis of Variance	Ratio of Polynomials Fit	Simple Deming Regression
One-Way ANOVA	Ratio of Polynomials Fit - Many Variables	Simple Linear Regression
Ordinary Least Squares	Ratio of Polynomials Fit - One Variable	Simultaneous Confidence Intervals
Orthogonal Regression	Ratio of Polynomials Search	Sines
Outlier Detection	Ratio of Polynomials Search - Many Variables	Sinusoidal Regressions
Outliers	Ratio of Polynomials Search - One Variable	Skewness Normality Test
Overdispersion	Reciprocal Model Fit	Slopes - Testing for Equal
Paired Comparisons	Reference Interval	Spearman Correlation
Paired t-test	Reference Range	Spearman Rank Correlation
Parametric Survival (Weibull) Regression	Regression	Spectral Analysis
Parametric Survival Regression	Regression Analysis	Stage Regression
Partial Correlation	Regression Coefficients	Standard Error
Partial Residual Plots	Regression for Appraisal	Step-Down Selection
Passing Bablok Regression	Regression Scores Plots	Step-Up Selection
Passing Regression	Relative Risk	Stepwise Regression
Passing-Bablok Regression for Method Comparison	Residual Plots	Stepwise Selection
PC Regression	Residuals	Stratified Logistic Regression
Pearson Correlation	Response Surface	Stress A
Pearson Residuals	Response Surface Regression	Stress B
Pearson Test	Richards Model Fit	Stress Plots
Periodic Regression	Ridge Regression	Studentized Deviance Residuals
Poisson Distribution	Ridge Trace	Studentized Pearson Residuals
Poisson Regression	Ridge Trace Plots	Subset Selection
		Subset Selection in Multiple Regression

NCSS Procedure and Topic List (Categorized)

Subset Selection in Multivariate Y Multiple Regression	Tukey-Kramer Simultaneous Confidence Intervals	Variance Test
Sum of Exponentials Model Fit	Tukey-Kramer Test	VIF
Sum of Functions Models	Tukey's Biweight	VIF Plots
Superiority by a Margin	Tukey's HSD	Wald Statistic
Superiority by a Margin Tests	Two-Sample Equivalence Tests for Survival Data using Cox Regression	Wald Test
Survival Analysis	Two-Sample Non-Inferiority Tests for Survival Data using Cox Regression	Wave Regression
Survival Regression	Two-Sample Superiority by a Margin Tests for Survival Data using Cox Regression	Weibull Error Regression
Tests for Two-Factor Interactions	Two-Sample T-Test	Weibull Fitting
Time Series	Two-Stage Least Squares	Weibull Model Fit
Time Series Plots	Variable Selection	Weibull Regression
TOST	Variable Selection for Multivariate Regression	Weighted Deming Regression
TOST Equivalence Test	Variable-Variate Correlations	Wilks' Lambda
Transference	Variance Inflation Factor	Working-Hotelling C.I. Band
Transformations	Variance Inflation Factor Plots	Working-Hotelling Limits
Transformations - Box-Cox		Yhat
Transformations - Power		Zero-Inflated Negative Binomial Regression
Transformations to Normality		Zero-Inflated Poisson Regression
TSLS		
T-Test		

Reliability

2x2 Table	Cumulative Incidence	Extreme Value Distribution
Accelerated Testing	Cumulative Incidence Plots	Extreme Value Error Regression
Analysis of Deviance	Cumulative Survival	Extreme Value Fit
Anderson-Darling Normality Test	Cumulative Survival Plots	Extreme Value Probability Plots
Arcsine Square Root Hazard	Custom Model	Failure Distribution
At-Risk Table	D'Agostino Kurtosis Normality Test	Failure Probability
Bar Charts	D'Agostino Omnibus Normality Test	Fisher's Exact Test
Beta Distribution Fitting	D'Agostino Skewness Normality Test	Fleming-Harrington Test
Beta Reliability Plots	Death Density Function	Forward Selection
Biweight Kernel	Descriptive Statistics	Gamma Distribution Fitting
Breslow Ties	Descriptive Tables	Gehan Test
Calculator - Survival Parameters	Deviance Residuals	Gray's Test
Censored Regression	Deviance Test	Greenwood's Formula
Censoring	Differential Evolution	Hazard Function
Change in Deviance Test	Distribution (Weibull) Fitting	Hazard Function Plots
Chi-Square Test	Distribution Fitting	Hazard Rate
CIF	Dose	Hazard Rate Conversion
Cluster Randomization	Dose-Response	Hazard Rate Plots
Cluster Randomization - Create Cluster Rates Dataset	Dose-Response Plots	Hazard Ratio
Cluster Rates	Efron Ties	Hazard Ratio Conversion
Cluster Survival	Epanechnikov Kernel	Hierarchical Models
Competing Risks	Equivalence	Hierarchical Subset Search
Confidence Interval	Equivalence Tests	Histograms
Counts	Equivalence Tests using TOST	Incidence rates
Cox Proportional Hazards Regression	Exact Test	Kaplan-Meier
Cox Regression	Exponential Distribution	Kaplan-Meier Curves
Cox-Mantel Logrank Test	Exponential Error Regression	Kaplan-Meier Curves (Logrank Tests)
Cox-Snell Residuals	Exponential Fit	Kolmogorov-Smirnov Test
Cumulative Hazard	Exponential Probability Plots	Kurtosis
	Exponential Regression	Kurtosis Normality Test

NCSS Procedure and Topic List (Categorized)

Life-Table Analysis	Parametric Survival (Weibull)	Stress Plots
Likelihood Ratio Test	Regression	Subdistribution Hazards
Logistic Distribution	Parametric Survival Regression	Subset Selection
Logistic Error Regression	Pepe and Mori's Test	Summarize Clusters
Logistic Fit	Peto-Peto Test	Summary Lists
Logistic Probability Plots	Probability of Failure	Summary Tables
Logistic Regression	Probability Plots	Sums
Log-Logistic Distribution	Probit Analysis	Superiority by a Margin
Log-Logistic Error Regression	Probit Plots	Superiority by a Margin Tests
Log-Logistic Fit	Product-Limit Estimator	Survival Analysis
Log-Logistic Probability Plots	Product-Limit Survivorship	Survival Curves
Log-Logistic Regression	Proportional Hazards Regression	Survival Distribution Fitting
Log-Normal Distribution	Proportions	Survival Function
Log-Normal Error Regression	Proportions Tests	Survival Parameter Conversion Tool
Log-Normal Fit	Randomization Test	Survival Plots
Log-Normal Probability Plots	Regression	Survival Quantiles
Log-Normal Regression	Regression Coefficients	Survival Rates
Logrank Test	Relative Risk	Survival Regression
Mantel-Haenszel Confidence Intervals	Reliability	Survivorship - Beta Plots
Mantel-Haenszel Logrank Test	Residual Plots	Survivorship - Gamma Plots
Mantel-Haenszel Test	Residuals	Survivorship Plots
Martingale Residuals	Restricted Mean Survival Time	Table of Rates
Mean Survival Comparisons	Restricted Mean Survival Time	Tables - Descriptive
Mean Survival Time	Difference Comparisons	Tarone-Ware Test
Mean Time Lost	Restricted Mean Survival Time Ratio	Time Calculator
Mean Time Lost Comparisons	Comparisons	Tolerance Intervals
Median Remaining Lifetime	Restricted Mean Time Lost	Tolerance Limits
Median Survival Time Conversion	Restricted Mean Time Lost Ratio	TOST
Mill's Ratio	Comparisons	TOST Equivalence Test
Model Fitting	Risk Ratio	Two-by-Two Tables
Modified Peto-Peto Test	RMST	Two-Sample Equivalence Tests for
Mortality Ratio Conversion	RMST Difference Comparisons	Survival Data using Cox Regression
MRT	RMST Ratio Comparisons	Two-Sample Non-Inferiority Tests for
Nelson-Aalen Hazard	RMTL	Survival Data using Cox Regression
Newton-Raphson	RMTL Ratio Comparisons	Two-Sample Superiority by a Margin
Non-Inferiority	Robins Confidence Interval	Tests for Survival Data using Cox
Non-Inferiority Tests	R-Squared	Regression
Nonparametric	Scaled Schoenfeld's Residuals	Uniform Kernel
Nonparametric Survival Estimation	Scatter Plots	Variable Selection
Normal Distribution	Schoenfeld's Residuals	Wald Test
Normal Error Regression	Schoenfeld's Residuals Plots	Weibull Distribution
Normal Fit	SD	Weibull Error Regression
Normal Probability Plots	Shapiro-Wilk Normality Test	Weibull Fit
Normal Regression	Skewness	Weibull Probability Plots
Normality Tests	Skewness Normality Test	Weibull Regression
Number At Risk	Standard Deviation	Wolf's Confidence Interval
Odds Ratio	Stepwise Regression	Wolf's Confidence Limits
Outliers	Stress A	Wolf's Odds Ratio Analysis
Parametric Hazard Rate	Stress B	

NCSS Procedure and Topic List (Categorized)

ROC Curves

Area Under Curve	Confidence Intervals for Comparing Two AUCs	One ROC Curve and Cutoff Analysis
Area Under ROC Curve	Confidence Intervals for Comparing Two Paired AUCs	Optimal Criterion Value
Area Under ROC Curve Confidence Interval	Cost-Benefit Analysis	Paired ROC Curves
AUC	Diagnostic Odds Ratio	Positive Likelihood Ratio
AUC Confidence Interval	Empirical ROC Curve	Positive Predictive Value
AUC Hypothesis Test	Equivalence of Two AUCs	PPV
Binormal ROC Curve	Equivalence of Two Paired AUCs	Prevalence
Comparing Two AUCs	Negative Likelihood Ratio	Proportion Correctly Classified
Comparing Two Paired AUCs	Negative Predictive Value	Receiver Operating Characteristic Curve
Comparing Two ROC Curves - Independent Groups Design	Non-Inferiority of Two AUCs	Sensitivity
Comparing Two ROC Curves - Paired Design	Non-Inferiority of Two Paired AUCs	Specificity
	Nonparametric ROC Curves	Tests for Two AUCs
	NPV	Tests for Two Paired AUCs
		Youden Index

Survey Data

Adjusted Kappa Statistic	Coefficient of Variation	FT-SR
Alpha - Cronbach's	Column Percentages	Gamma
Angular Transformation of Proportions	Confidence Interval	Goodness-of-Fit Tests
ArcSin Transformation	Contingency Tables	Hierarchical Models
Armitage Rank Correlation Test	Contingency Tables (Crosstabs / Chi-Square Test)	Imputation
Association - Partial and Marginal	Continuity Correction	Imputing Data
Association and Correlation Statistics	Correlation Statistics	Incidence rates
Bar Charts	Count Adjustment	Independence Tests
Bonferroni Multiple Comparisons of Proportions versus a Control	Count Tables	Interquartile Range
Cell Counts	Counts	Inter-Rater Agreement (Kappa)
Chi-Square	COV	IQR
Chi-Square Test	Cramer's V	Item Analysis
Cluster Means	Cronbach's Alpha	Kappa Reliability Test
Cluster Proportions	Cross Tabulation	Kappa Statistic
Cluster Randomization	Crosstabs	Kappa Test for Inter-Rater Agreement
Cluster Randomization - Create Cluster Means Dataset	CV	Kendall's Tau
Cluster Randomization - Create Cluster Proportions Dataset	Data Imputation	Kurtosis
Cluster Randomization - Create Cluster Rates Dataset	Data Screening	Kurtosis Normality Test
Cluster Rates	Descriptive Statistics	Lambda
Cluster Survival	Descriptive Statistics - Summary Lists	Likelihood Ratio Test
Cochran-Armitage Proportion Trend Test	Descriptive Statistics - Summary Tables	LLM
Cochran-Armitage Proportion Trend Test with Continuity Correction	Descriptive Tables	Loglinear Models
Cochran's Q Test	Detecting Outliers	MAD
COD	Dunnett Multiple Comparisons of Proportions versus a Control	MADM
Coefficient Alpha	Exact Test	Many to one Multiple Comparisons of Proportions
Coefficient of Dispersion	Expected Counts	Marginal Association
	Fisher's Exact Test	Maximum
	Freeman-Tukey Standardized Residual	McNemar Test
	Frequency Tables	Mean Absolute Deviation
		Mean Absolute Deviation from the Median

NCSS Procedure and Topic List (Categorized)

Means	Pearson Chi-square	Summary Lists
Median	Pearson's Chi-Square Test	Summary Tables
Minimum	Pearson's Contingency Coefficient	Sums
Minimum Required Difference	Percentages	Survival Rates
Missing Count	Percentiles	Symmetric Lambda
Missing Value Estimation	Phi	Table of Means
Multinomial Test	Proportion Trend Test	Table of Proportions
Multiple Comparison Tests	Proportions	Table of Rates
Multiple Comparisons of Proportions	Proportions - Multiple Comparisons	Table Percentages
Multiple Comparisons of Proportions versus a Control	Range	Table Statistics
Multivariate Analysis	Reliability	Tables - Descriptive
Multivariate Normal Missing Value Estimation	Row Percentages	Tschuprow's T
Multiway Frequency Analysis	Row-Column Independence Test	Tukey-Kramer Pairwise Multiple Comparisons of Proportions
Nonparametric	Score Test Pairwise Multiple Comparisons of Proportions	Two-Way Tables
Nonparametric Tests	Screening Data	Variance
Normality Tests	SD	Variation
Omnibus Normality Test	SE	Wald Ratio Multiple Comparisons of Proportions
One-Sided Dunnett Multiple Comparisons of Proportions versus a Control	Simultaneous confidence intervals of the differences among several proportions	Weighted Kappa
Outlier Detection	Skewness	Weighted Kappa Reliability Test
Outliers	Skewness Normality Test	Weighted Kappa Statistic
Paired T-Test	Standard Deviation	Weighted Kappa Test for Inter-Rater Agreement
Pairwise Multiple Comparisons of Proportions	Standard Error	Yates' Continuity Corrected Chi- Square Test
Partial Association	Standardized Residuals	
	Studentized Range Distribution	
	Summarize Clusters	

Survival Analysis

2x2 Table	Cluster Randomization - Create Cluster Rates Dataset	Cox Regression
Accelerated Testing	Cluster Rates	Cox-Mantel Logrank Test
Alpha Spending	Cluster Survival	Cox-Snell Residuals
Analysis of Deviance	Comparing Two Hazard Rates - Group-Sequential	Cumulative Hazard
Anderson-Darling Normality Test	Comparing Two Hazard Rates - Group-Sequential - Non-Inferiority	Cumulative Incidence
Arcsine Square Root Hazard	Comparing Two Hazard Rates - Group-Sequential - Superiority by a Margin	Cumulative Incidence Plots
At-Risk Table	Comparing Two Survival Curves - Group-Sequential	Cumulative Survival
Bar Charts	Comparing Two Survival Curves - Group-Sequential - Non-Inferiority	Cumulative Survival Plots
Beta Distribution Fitting	Comparing Two Survival Curves - Group-Sequential - Superiority by a Margin	Custom Model
Beta Reliability Plots	Cluster Randomization - Create Cluster Rates Dataset	D'Agostino Kurtosis Normality Test
Beta Spending	Cluster Rates	D'Agostino Omnibus Normality Test
Binding Futility Boundary	Cluster Survival	D'Agostino Skewness Normality Test
Biweight Kernel	Comparing Two Hazard Rates - Group-Sequential	Death Density Function
Boundary Plot	Comparing Two Hazard Rates - Group-Sequential - Non-Inferiority	Descriptive Statistics
Breslow Ties	Comparing Two Hazard Rates - Group-Sequential - Superiority by a Margin	Descriptive Tables
Calculator - Survival Parameters	Competing Risks	Deviance Residuals
Censored Regression	Confidence Interval	Deviance Test
Censoring	Counts	Difference in Hazard Rates - Group- Sequential
Change in Deviance Test	Cox Proportional Hazards Regression	Difference in Hazard Rates - Group- Sequential - Non-Inferiority
Chi-Square Test		
CIF		
Cluster Randomization		

NCSS Procedure and Topic List (Categorized)

Difference in Hazard Rates - Group-Sequential - Superiority by a Margin	Group-Sequential Design - Two Survival Curves	Interim Analysis - Two Hazard Rates - Non-Inferiority
Difference in Survival Curves - Group-Sequential	Group-Sequential Design - Two Survival Curves - Non-Inferiority	Interim Analysis - Two Hazard Rates - Superiority by a Margin
Difference in Survival Curves - Group-Sequential - Non-Inferiority	Group-Sequential Design - Two Survival Curves - Superiority by a Margin	Interim Analysis - Two Survival Curves
Difference in Survival Curves - Group-Sequential - Superiority by a Margin	Group-Sequential Non-Inferiority Analysis for Two Hazard Rates	Interim Analysis - Two Survival Curves - Non-Inferiority
Differential Evolution	Group-Sequential Superiority by a Margin Analysis for Two Hazard Rates	Interim Analysis - Two Survival Curves - Superiority by a Margin
Distribution (Weibull) Fitting	Group-Sequential Tests	Kaplan-Meier
Distribution Fitting	Group-Sequential Tests for Logrank Tests	Kaplan-Meier Curves
Dose	Group-Sequential Tests for Two Hazard Rates	Kaplan-Meier Curves (Logrank Tests)
Dose-Response	Group-Sequential Tests for Two Hazard Rates - Non-Inferiority	Kolmogorov-Smirnov Test
Dose-Response Plots	Group-Sequential Tests for Two Hazard Rates - Superiority by a Margin	Kurtosis
Efficacy Boundaries	Group-Sequential Tests for Two Survival Curves	Kurtosis Normality Test
Efron Ties	Group-Sequential Tests for Two Survival Curves - Non-Inferiority	Life-Table Analysis
Epanechnikov Kernel	Group-Sequential Tests for Two Survival Curves - Superiority by a Margin	Likelihood Ratio Test
Equivalence	Hazard Function	Logistic Distribution
Equivalence Tests	Hazard Function Plots	Logistic Error Regression
Equivalence Tests using TOST	Hazard Rate	Logistic Fit
Exact Test	Hazard Rate Conversion	Logistic Probability Plots
Exponential Distribution	Hazard Rate Plots	Logistic Regression
Exponential Error Regression	Hazard Rates Group-Sequential	Log-Logistic Distribution
Exponential Fit	Hazard Rates Group-Sequential - Non-Inferiority	Log-Logistic Error Regression
Exponential Probability Plots	Hazard Rates Group-Sequential - Superiority by a Margin	Log-Logistic Fit
Exponential Regression	Hazard Rates Group-Sequential - Superiority by a Margin	Log-Logistic Probability Plots
Extreme Value Distribution	Hazard Ratio	Log-Logistic Regression
Extreme Value Error Regression	Hazard Rates Two Group-Sequential	Log-Normal Distribution
Extreme Value Fit	Hazard Rates Two Group-Sequential - Non-Inferiority	Log-Normal Error Regression
Extreme Value Probability Plots	Hazard Rates Two Group-Sequential - Superiority by a Margin	Log-Normal Fit
Failure Distribution	Hazard Ratio Conversion	Log-Normal Probability Plots
Failure Probability	Hazard Ratio	Log-Normal Regression
Fisher's Exact Test	Hierarchical Models	Logrank Test
Fleming-Harrington Test	Hierarchical Subset Search	Logrank Test - Group-Sequential
Forward Selection	Histograms	Mantel-Haenszel Confidence Intervals
Futility Boundaries	Incidence rates	Mantel-Haenszel Logrank Test
Gamma Distribution Fitting	Interim Analysis - Logrank Test	Mantel-Haenszel Test
Gehan Test	Interim Analysis - Two Hazard Rates	Martingale Residuals
Gray's Test		Mean Survival Comparisons
Greenwood's Formula		Mean Survival Time
Group-Sequential		Mean Time Lost
Group-Sequential Analysis for Two Hazard Rates		Mean Time Lost Comparisons
Group-Sequential Design - Logrank Test		Median Remaining Lifetime
Group-Sequential Design - Two Hazard Rates		Median Survival Time Conversion
Group-Sequential Design - Two Hazard Rates - Non-Inferiority		Mill's Ratio
Group-Sequential Design - Two Hazard Rates - Superiority by a Margin		Model Fitting
		Modified Peto-Peto Test
		Mortality Ratio Conversion
		MRT
		Nelson-Aalen Hazard
		Newton-Raphson
		Non-Binding Futility Boundary

NCSS Procedure and Topic List (Categorized)

Non-Inferiority	Robins Confidence Interval	Tarone-Ware Test
Non-Inferiority Tests	R-Squared	Time Calculator
Nonparametric	Scaled Schoenfeld's Residuals	Tolerance Intervals
Nonparametric Survival Estimation	Scatter Plots	Tolerance Limits
Normal Distribution	Schoenfeld's Residuals	TOST
Normal Error Regression	Schoenfeld's Residuals Plots	TOST Equivalence Test
Normal Fit	SD	Two Hazard Rates - Group-Sequential
Normal Probability Plots	Shapiro-Wilk Normality Test	Two Hazard Rates - Group-Sequential - Non-Inferiority
Normal Regression	Skewness	Two Hazard Rates - Group-Sequential - Superiority by a Margin
Normality Tests	Skewness Normality Test	Two Hazard Rates Group Sequential
Number At Risk	Spending Functions	Two Hazard Rates Group Sequential - Non-Inferiority
Odds Ratio	Standard Deviation	Two Hazard Rates Group Sequential - Superiority by a Margin
Outliers	Stepwise Regression	Two Survival Curves - Group- Sequential
Parametric Hazard Rate	Stress A	Two Survival Curves - Group- Sequential - Non-Inferiority
Parametric Survival (Weibull) Regression	Stress B	Two Survival Curves - Group- Sequential - Superiority by a Margin
Parametric Survival Regression	Stress Plots	Two Survival Curves Group Sequential
Pepe and Mori's Test	Subdistribution Hazards	Two Survival Curves Group Sequential - Non-Inferiority
Peto-Peto Test	Subset Selection	Two Survival Curves Group- Sequential - Superiority by a Margin
Probability of Failure	Summarize Clusters	Two Survival Curves Group Sequential
Probability Plots	Summary Lists	Two Survival Curves Group Sequential - Non-Inferiority
Probit Analysis	Summary Tables	Two Survival Curves Group Sequential - Superiority by a Margin
Probit Plots	Sums	Two Survival Curves Group Sequential
Product-Limit Estimator	Superiority by a Margin	Two Survival Curves Group Sequential - Non-Inferiority
Product-Limit Survivorship	Superiority by a Margin Tests	Two Survival Curves Group Sequential - Superiority by a Margin
Proportional Hazards Regression	Survival Analysis	Two-by-Two Tables
Proportions	Survival Curves	Two-Sample Equivalence Tests for Survival Data using Cox Regression
Proportions Tests	Survival Curves Two Group- Sequential	Two-Sample Non-Inferiority Tests for Survival Data using Cox Regression
Randomization Test	Survival Curves Two Group- Sequential - Non-Inferiority	Two-Sample Superiority by a Margin Tests for Survival Data using Cox Regression
Regression	Survival Curves Two Group- Sequential - Superiority by a Margin	Uniform Kernel
Regression Coefficients	Survival Distribution Fitting	Variable Selection
Relative Risk	Survival Function	Wald Test
Reliability	Survival Group-Sequential	Weibull Distribution
Residual Plots	Survival Group-Sequential - Non- Inferiority	Weibull Error Regression
Residuals	Survival Group-Sequential - Superiority by a Margin	Weibull Fit
Restricted Mean Survival Time	Survival Parameter Conversion Tool	Weibull Probability Plots
Restricted Mean Survival Time Difference Comparisons	Survival Plots	Weibull Regression
Restricted Mean Survival Time Ratio Comparisons	Survival Quantiles	Woolf's Confidence Interval
Restricted Mean Time Lost	Survival Rates	Woolf's Confidence Limits
Restricted Mean Time Lost Ratio Comparisons	Survival Regression	Woolf's Odds Ratio Analysis
Risk Ratio	Survivorship - Beta Plots	
RMST	Survivorship - Gamma Plots	
RMST Difference Comparisons	Survivorship Plots	
RMST Ratio Comparisons	Table of Rates	
RMTL	Tables - Descriptive	
RMTL Ratio Comparisons		

NCSS Procedure and Topic List (Categorized)

Time Series

Amplitude	Exponential Smoothing - Trend	Residual Plots
Analysis of Runs	Exponential Smoothing - Trend / Seasonal	Runs Analysis
ARIMA	Fast Fourier Transform	Runs Charts
ARIMA (Box-Jenkins)	Forecast Plots	Runs Test for Serial Randomness
ARMA	Forecasting	Runs Tests
Autocorrelation Plots	Fourier Plots	Scatter Plots
Autocorrelations	Fourier Series	Seasonal Differencing
Automatic ARMA	Frequencies	Seasonality
Backcasting	Function Plots	Serial Randomness
Box-Jenkins	Harmonic Regression	Sines
Box-Pierce-Ljung Statistic	Holt's Linear Trend	Single-Sample k-category Runs Test for Randomness
Computing Runs	Holt-Winters Exponential Smoothing	Single-Sample Runs Test for Randomness
Continuity Correction	Holt-Winters Forecasting	Single-Sample Runs Test for Serial Randomness
Correlation Coefficient	k-Category Runs Test for Randomness	Single-Sample Runs Tests
Correlogram	Ljung Statistic	Sinusoidal Regressions
Cosines	MAE	Spectral Analysis
Cross-Correlations	MAPE	Spectrum Plots
Cross-Correlations Plots	Multiple Regression	Test for Serial Randomness
Cycle	Nonparametric	Tests for Randomness
Cycle Regression	Nonparametric Tests	Tests for Runs
Cycle-Input	Number of Runs	Theoretical ARMA
Cycles	Partial Autocorrelation	Time Series
Cyclical Regression	Partial Autocorrelation Plots	Time Series Plots
Data Plots	Periodic Regression	Up-Down Runs Test
Decomposition Forecasting	Periodogram Plots	Wald-Wolfowitz Runs Test
Decomposition Ratio Plots	Portmanteau Test	Wave Regression
Differencing	Predicted Values	Winters Forecasting
Double Exponential Smoothing	Prediction Limits	Yule-Walker
Exact Runs Test for Randomness	Probability Plots	
Exact Runs Test for Serial Randomness	Randomness Tests	
Exponential Smoothing	Ratio Plots	
Exponential Smoothing - Horizontal	Regression	

T-Tests

2x2 Cross-Over Design	Analysis of Covariance (ANCOVA) with Two Groups	Bioequivalence
Agreement	Analysis of Two-Level Designs	Bioequivalence Tests
Alias	Analysis of Variance	Bland-Altman
Alpha Spending	ANCOVA	Bland-Altman Plot and Analysis
Analysis of 2x2 Cross-Over Designs using T-Tests	Anderson and Hauck's Test	Bland-Altman Plots
Analysis of 2x2 Cross-Over Designs using T-Tests for Equivalence	ANOVA	Bonferroni C.I.'s
Analysis of 2x2 Cross-Over Designs using T-Tests for Non-Inferiority	AOV	Bootstrap Confidence Interval
Analysis of 2x2 Cross-Over Designs using T-Tests for Superiority by a Margin	Aspin-Welch Unequal-Variance T- Test	Bootstrapping
Analysis of Covariance	Average-Difference Plots	Boundary Plot
	Bartlett's Test	Box Plots
	Beta Spending	Box-and-Whisker Plots
	Binding Futility Boundary	Box-Cox Algorithm
		Box-Cox for ANOVA
		Box-Cox for One-Way ANOVA

NCSS Procedure and Topic List (Categorized)

Box-Cox for T-Test	Equivalence Tests using TOST	Lambda vs. SD Plots
Box-Cox Plots	F-Test	Levene's Equal Variance Test
Box-Cox Power Transformation	Futility Boundaries	Limits of Agreement
Box-Cox Transformation	Group Comparison Plots	LoA
Box-Cox Transformation for Two or More Groups (T-Test and One-Way ANOVA)	Group-Sequential	Mann-Whitney Test
Box's M Test	Group-Sequential Analysis for One Mean with Known Variance	Mean Comparison
Compare Means	Group-Sequential Analysis for Two Means with Known Variances	Mean Difference
Compare Two Distributions	Group-Sequential Design - One Mean	Mean Equality
Comparing Paired Difference Means	Group-Sequential Design - Two Means	Mean Input
Comparing Two Means	Group-Sequential Design - Two Means - Non-Inferiority	Means
Comparing Two Means - Group- Sequential	Group-Sequential Design - Two Means - Superiority by a Margin	Means - Group-Sequential
Comparing Two Means - Non- Inferiority - Group-Sequential	Group-Sequential Non-Inferiority Analysis for Two Means with Known Variances	Means - Non-Inferiority - Group- Sequential
Comparing Two Means - Superiority by a Margin - Group-Sequential	Group-Sequential Non-Inferiority T- Tests for Two Means	Means - One - Group-Sequential
Conditional Power	Group-Sequential Superiority by a Margin Analysis for Two Means with Known Variances	Means - Superiority by a Margin - Group-Sequential
Confidence Interval	Group-Sequential Superiority by a Margin T-Tests for Two Means	Means Plots
Confidence Interval for Means	Group-Sequential Tests	Means Two - Non-Inferiority - Group- Sequential
Confidence Interval for Medians	Group-Sequential Tests for One Mean	Means Two - Superiority by a Margin - Group-Sequential
Confidence Interval for One Mean	Group-Sequential Tests for Two Means - Non-Inferiority	Measurement Error
Confidence Interval for Paired Means	Group-Sequential Tests for Two Means - Superiority by a Margin	Median Confidence Interval
Confidence Interval for SD	Group-Sequential T-Test	Median Test
Confidence Interval for SD Ratio	Group-Sequential T-Test - Non- Inferiority	Method Comparison
Confidence Interval for Standard Deviation	Group-Sequential T-Test - Superiority by a Margin	Model Fitting
Confounding	Group-Sequential T-Tests for One Mean	Modified Levene's Test
Correlated T-Test	Group-Sequential T-Tests for Two Means	Multiple Comparison Tests
Correlation Coefficient	Histograms	Multivariate Analysis
Covariance	Hotelling's One-Sample T2	Multivariate T-Test
Covariance Analysis	Hotelling's Paired-Sample T2	Non-Binding Futility Boundary
Cross-Over Analysis	Hotelling's Two-Sample T2	Non-Inferiority
Cross-Over Design Analysis	Interim Analysis - One Mean	Non-Inferiority Tests
Cross-Over Means	Interim Analysis - Two Means	Nonparametric
Cross-Over Two Means	Interim Analysis - Two Means - Non- Inferiority	Nonparametric Tests
Descriptive Statistics	Interim Analysis - Two Means - Superiority by a Margin	Normality Tests
Difference in Means	Kolmogorov-Smirnov Test	Omnibus Normality Test
Difference in Means - Group Sequential	Kurtosis Normality Test	One Mean - Group-Sequential
Difference in Means - Group- Sequential	Lambda	One-Sample T-Test
Difference in Means - Non-Inferiority - Group-Sequential		One-Sample T-Test for Equivalence
Difference in Means - Superiority by a Margin - Group-Sequential		One-Sample T-Test for Non-Inferiority
Difference in Medians		One-Sample T-Test for Superiority by a Margin
Efficacy Boundaries		One-Way Analysis of Variance
Eigenvalues		One-Way ANOVA
Equal Variance Tests		Outliers
Equal-Variance Test		Paired Difference
Equivalence Tests		Paired Means

NCSS Procedure and Topic List (Categorized)

Period Plots	Sums and Differences Plots	Two Means - Non-Inferiority - Group Sequential
Power Transformation	Superiority by a Margin	Two Means - Non-Inferiority - Group-Sequential
Predictive Power	Superiority by a Margin Tests	Two Means - Superiority by a Margin - Group Sequential
Probability Plots	Superiority Tests	Two Means - Superiority by a Margin - Group-Sequential
Profile Plots	T2	Two Means Cross-Over
Quantile Test	Testing Equivalence with Two Independent Samples	Two-Level Design Analysis
Randomization Test	Testing Non-Inferiority with Two Independent Samples	Two-Sample T-Test
Rank-Sum Test	Testing Superiority by a Margin with Two Independent Samples	Two-Sample T-Test - Equivalence
Ratio of Standard Deviations	TOST	Two-Sample T-Test - Non-Inferiority
Re-estimation of Sample Size	TOST Equivalence Test	Two-Sample T-Test - Superiority by a Margin
Reliability	Transformations	Two-Sample T-Test for Equivalence
Repeated Measures	Transformations - Box-Cox	Two-Sample T-Test for Non-Inferiority
Repeated Measures Analysis of Variance	Transformations - Power	Two-Sample T-Test for Superiority by a Margin
Resampling Test	Transformations to Normality	Two-Sample T-Test from Means and SD's
Residual Plots	T-Test	Two-Treatment Cross-Over Analysis
Residuals	T-Test - Non-Inferiority	Unequal-Variance T-Tests
Sample Size Re-estimation	T-Test - One Mean	Variance Equality Tests
Scatter Plots	T-Test - Superiority by a Margin	Variance Ratio Equal-Variance Test
Schurmann's Two One-Sided Tests	T-Test - Two Means	Variance Ratio Test
SD Ratio	T-Test - Two Means - Non-Inferiority	Variance Test
Shapiro-Wilk Normality Test	T-Test - Two Means - Superiority by a Margin	Westlake's Confidence Interval
Sign Test	T-Tests	Wilcoxon Rank-Sum Test
Signed-Rank Test	T-Tests - Aspin-Welch	Wilcoxon Signed-Rank Test
Simultaneous C.I.'s	T-Tests - Equivalence	Wilcoxon Test
Skewness	T-Tests - Non-Inferiority	Wilcoxon-Mann-Whitney Test
Skewness Normality Test	T-Tests - Paired	Z-Tests
Spending Functions	T-Tests - Superiority	
Standard Deviation	Two Means	
Standard Deviation Confidence Interval	Two Means - Confidence Interval	
Standard Deviation Ratio	Two Means - Group Sequential	
Standard Error	Two Means - Group-Sequential	
Sum-Difference Plots		
Summary Statistics Input		

Two-Way Tables

2x2 Table	Cochran-Armitage Proportion Trend Test with Continuity Correction	Descriptive Statistics
Adjusted Kappa Statistic	Cochran's Q Test	Dunnnett Multiple Comparisons of Proportions versus a Control
Angular Transformation of Proportions	Column Percentages	Exact Test
ArcSin Transformation	Contingency Tables	Expected Counts
Armitage Rank Correlation Test	Contingency Tables (Crosstabs / Chi-Square Test)	Fisher's Exact Test
Association - Partial and Marginal	Continuity Correction	Freeman-Tukey Standardized Residual
Association and Correlation Statistics	Correlation Statistics	Frequency Tables
Bar Charts	Count Adjustment	FT-SR
Bonferroni Multiple Comparisons of Proportions versus a Control	Count Tables	Gamma
Cell Counts	Counts	Goodness-of-Fit Tests
Chi-Square	Cramer's V	Hierarchical Models
Chi-Square Test	Cross Tabulation	Independence Tests
Cochran-Armitage Proportion Trend Test	Crosstabs	Inter-Rater Agreement (Kappa)
		Kappa Reliability Test

NCSS Procedure and Topic List (Categorized)

Kappa Statistic	One-Sided Dunnett Multiple	Standardized Residuals
Kappa Test for Inter-Rater Agreement	Comparisons of Proportions versus a	Studentized Range Distribution
Kendall's Tau	Control	Symmetric Lambda
Lambda	Paired T-Test	Table Percentages
Likelihood Ratio Test	Pairwise Multiple Comparisons of	Table Statistics
LLM	Proportions	Tschuprow's T
Loglinear Models	Partial Association	Tukey-Kramer Pairwise Multiple
Mantel-Haenszel Confidence Intervals	Pearson Chi-square	Comparisons of Proportions
Mantel-Haenszel Test	Pearson's Chi-Square Test	Two-by-Two Tables
Many to one Multiple Comparisons of	Pearson's Contingency Coefficient	Two-Way Tables
Proportions	Percentages	Wald Ratio Multiple Comparisons of
Marginal Association	Phi	Proportions
McNemar Test	Proportion Trend Test	Weighted Kappa
Minimum Required Difference	Proportions	Weighted Kappa Reliability Test
Multinomial Test	Proportions - Multiple Comparisons	Weighted Kappa Statistic
Multiple Comparison Tests	Proportions Tests	Weighted Kappa Test for Inter-Rater
Multiple Comparisons of Proportions	Reliability	Agreement
Multiple Comparisons of Proportions	Robins Confidence Interval	Woolf's Confidence Interval
versus a Control	Row Percentages	Woolf's Confidence Limits
Multiway Frequency Analysis	Row-Column Independence Test	Woolf's Odds Ratio Analysis
Nonparametric	Score Test Pairwise Multiple	Yates' Continuity Corrected Chi-
Nonparametric Tests	Comparisons of Proportions	Square Test
Odds Ratio	Simultaneous confidence intervals of	
	the differences among several	
	proportions	

Graphics

3D Bar Charts	Box-and-Whisker Plots	Cumulative Chart
3D Bar Charts (2 Factors)	C Charts	Cumulative Hazard
3D Line Charts	Capability Histograms	Cumulative Pareto Chart
3D Line Charts (2 Factors)	Chi-Square Plots	Cumulative Sum Charts
3D Plots	Chi-Square Probability Plots	Curve Fitting
3D Scatter Plots	Circular Data Plots	Curve Fitting - General
3D Surface Plots	Circular Histograms	Curve Fitting Plots
Area Under Curve	Clustered Heat Maps (Double	Curve Fitting Scatter Plot Matrix
Area Under ROC Curve	Dendrograms)	Curve Inequality Test
Area Under ROC Curve Confidence	Combo Charts	CUSUM Charts
Interval	Combo Charts (2 Factors)	Data Plots
Attribute Charts	Comparative Histograms	Decomposition Ratio Plots
Autocorrelation Plots	Compare Probability Plots	Dendrograms
Average-Difference Plots	Comparing Two ROC Curves -	Density Plots
Back-to-Back Stem-and-Leaf Plots	Independent Groups Design	Density Plots (2 Factors)
Bar Charts	Comparing Two ROC Curves - Paired	Density Plots using Sunflowers
Bar Charts - 3D	Design	Density Trace
Bar Charts (2 Factors)	Conditional Probability Plots	Distribution Plots
Binormal ROC Curve	Confidence Band	Dot Plots
Bland-Altman Plot and Analysis	Contour Plots	Dot Plots - Border
Bland-Altman Plots	Control Charts	Dot Plots (2 Factors)
Border Plots	Control Limits	Double Dendrograms
Box Plots	Correlogram	Eigenvector Plot
Box Plots (2 Factors)	Cross-Correlations Plots	Empirical ROC Curve

NCSS Procedure and Topic List (Categorized)

Equation Plots	Linear Regression Plots	Rose Plots
Error-Bar Charts	Loess	Runs Charts
Error-Bar Charts (2 Factors)	Log-Normal Plots	s Charts
Error-Bar Charts from Summary Data	Log-Normal Probability Plots	Scatter Diagram
Error-Bar Charts from Summary Data (2 Factors)	Lowess	Scatter Plot Matrix
Error-Bar Plots	MA Charts	Scatter Plot Matrix for Curve Fitting
EWMA Charts	Matrix of Scatter Plots	Scatter Plots
Exponential Probability Plots	Mosaic Plots	Scatter Plots with Error Bars
Exponentially Weighted Moving Average Chart	Moving Average Charts	Scatter Plots with Error Bars from Summary Data
Forecast Plots	Moving Range Charts	Sequence Plots
Forest Plots	Nonparametric ROC Curves	Serial Correlation Plots
Formula Plots	Normal Probability Plots	Smoothed Histograms
Fourier Plots	Normality Plots	Spectrum Plots
Frequency Distribution Plots	NP Charts	Spine Plots
Function Plots	One ROC Curve and Cutoff Analysis	Spline
Gamma Plots	Outliers	Standard Deviation Charts
Gamma Probability Plots	P Charts	Stem-and-Leaf Plots
Half-Normal Plots	Paired ROC Curves	Stem-Leaf Plots
Half-Normal Probability Plots	Pareto Charts	Sunflower Plots
Hazard Function Plots	Partial Autocorrelation Plots	Surface Plots
Hazard Rate Plots	Partial Residual Plots	Surface Plots - 3D
Heat Map	Percentile Plots	Survival Curves
Heat Map of Correlations	Percentile Plots (2 Factors)	Survival Plots
Heat Maps	Periodogram Plots	Three-Dimensional Data Plots
Hierarchical Clustering / Dendrograms	Pie Charts	Time Series Plots
Histograms	Plot of Eigenvectors	Topographical Map
Histograms - Border	Plot of Principal Components	Treemap Plots
Histograms - Comparative	Plots	Trend Plots
Histograms - Comparative (2 Factors)	Point Plots	U Charts
Histograms - Smoothed	Probability Ellipse	Uniform Probability Plots
I-MR Charts	Probability Plot Comparison	Violin Plots
Individuals and Moving Range Charts	Probability Plots	Weibull Probability Plots
Individuals Charts	Proportions Plot	Wireframe Plots
Kaplan-Meier Curves (Logrank Tests)	Quality Control Charts	X-bar and R Charts
L'Abbe Plots	R Charts	X-bar and s Charts
Lag Plots	Radial Plots	Xbar Charts
Levey-Jennings Charts	Range Charts	X-bar Charts
Line Charts	Ratio Plots	X-Y Plots
Line Charts - 3D	Receiver Operating Characteristic Curve	X-Y-Z Plots
Line Charts (2 Factors)	Regression Plots	Y vs X Plots
	Residual Plots	

Data

Assigning Subjects to Groups	Box-Cox Algorithm	Caliper Matching
Bar Charts	Box-Cox for Linear Regression	Cauchy Distribution
Beta Distribution	Box-Cox for Regression	Centers
Biased Coin Randomization	Box-Cox Plots	Cluster Means
Bimodal Data	Box-Cox Power Transformation	Cluster Proportions
Binomial Distribution	Box-Cox Transformation	Cluster Randomization
Block Outlier Tests	Box-Cox Transformation for Simple Linear Regression	Cluster Randomization - Create Cluster Means Dataset

NCSS Procedure and Topic List (Categorized)

Cluster Randomization - Create	Greedy Data Matching	Outlier Test
Cluster Proportions Dataset	Greedy Matching	Outliers
Cluster Randomization - Create	Grubbs' Outlier Test	Percentiles
Cluster Rates Dataset	Grubbs' Test	Poisson Distribution
Cluster Rates	Gumbel Distribution	Power Transformation
Cluster Survival	Histograms	Printing Data
COD	Imputation	Probability Distribution Simulation
Coefficient of Dispersion	Imputing Data	Probability Plots
Coefficient of Variation	Incidence rates	Propensity Score
Combining Distributions	Interquartile Range	Propensity Score Matching
Complete Randomization	IQR	Proportions
Confidence Interval	Kaplan-Meier	Quantiles
Constant Distribution	Kurtosis	Random Numbers
Contaminated Normal Distribution	Kurtosis Normality Test	Random Sample
Counts	Lambda	Random Sampling
COV	Lambda vs. SD Plots	Random Sorting
CV	Laplace Distribution	Random Sorting using Maximum
Data Export to All Major Statistical	Levene's Equal Variance Test	Allowable % Deviation
Data File Formats	Likert-Scale Data	Random Subject Assignment
Data Import from All Major Statistical	Linear Regression - Box-Cox	Randomization Algorithms
Data File Formats	List Data	Randomization Lists
Data Imputation	Logistic Distribution	Range
Data List	Lognormal Distribution	Regression
Data Matching	MAD	Rosner's Outlier Test
Data Matching - Greedy	MADM	R-Squared
Data Matching - Optimal	Mahalanobis Distance	Sampling
Data Merge	Matching	Sampling Subpopulations
Data Report	Maximum	Screening Data
Data Sampling	Mean Absolute Deviation	SD
Data Screening	Mean Absolute Deviation from the	SE
Data Simulation	Median	Shapiro-Wilk Normality Test
Data Stratification	Means	Show Data
Database Merge	Median	Simple Linear Regression
Dataset Merge	Merging Two Datasets	Simple Random Sampling
Dataset Sampling	Minimum	Simple Random Sampling with Group
Descriptive Statistics	Missing Count	Assignment
Descriptive Statistics - Summary Lists	Missing Value Estimation	Simulate Data
Descriptive Tables	Mixing Distributions	Simulate Distribution
Design of Experiments	Model Fitting	Simulation
Detecting Outliers	Monte-Carlo Simulation	Simulator
Distance	Multinomial Distribution	Skewed Distribution
Distribution Simulation	Multivariate Normal Missing Value	Skewness
DOE	Estimation	Skewness Normality Test
Efron's Biased Coin Randomization	Normal Distribution	Smith's Randomization
ESD Outliers	Normality Plots	Snedecor's F Distribution
Experimental Design	Normality Tests	Standard Deviation
Exponential Distribution	Observational Study Matching	Standard Error
Extreme Studentized Deviate	Observational Study Stratification	Strata
Extreme Values	Omnibus Normality Test	Stratification
F Distribution	One-Way Analysis of Variance	Stratification of Data
Forced Match	Optimal Data Matching	Stratified Random Sampling
Gamma Distribution	Optimal Matching	Stratified Random Sampling with
Generating Data	Outlier Detection	Group Assignment

NCSS Procedure and Topic List (Categorized)

Stratified Sampling	T Distribution	Tukey's Lambda Distribution
Stratum	Table of Means	Uniform Distribution
Student's T Distribution	Table of Proportions	Variable Matching
Subpopulation Sampling	Table of Rates	Variance
Summarize Clusters	Tables - Descriptive	Variance Equality Tests
Summary Lists	Time Calculator	Variation
Summary Tables	Transformations	Weibull Distribution
Sums	Transformations - Box-Cox	Wei's Urn Randomization
Survival Analysis	Transformations - Power	
Survival Rates	Transformations to Normality	

Tools

Batch Execution	Macro Command Center
Beta Distribution	Macros
Beta Probability Calculator	Median Survival Time Conversion
Binomial Distribution	Mortality Ratio Conversion
Binomial Probability Calculator	Multinomial Test
Bivariate Normal Distribution	Negative Binomial Distribution
Bivariate Normal Probability Calculator	Negative Binomial Probability Calculator
Calculator - Chi-Square	Normal Distribution
Calculator - Odds Ratio and Proportions	Normal Probability Calculator
Calculator - Probability	Odds Ratio
Calculator - Standard Deviation	Odds Ratio and Proportions Calculator
Calculator - Survival Parameters	Percentiles
Chi-Square Distribution	Poisson Distribution
Chi-Square Effect Size Calculator	Poisson Probability Calculator
Chi-Square Probability Calculator	Population Standard Deviation
Coefficient of Variation	Probability Calculator
Contingency Table Calculator	Probability Calculator Distribution
Contingency Tables	Programming
Correlation Coefficient Distribution	Proportions
Correlation Distribution	Proportions Calculator
Correlation Probability Calculator	Range
COV	S Distribution
Cumulative Distribution	S Probability Calculator
Distribution	Sample Standard Deviation
Effect Size Calculator	Scripting Language
Exponential Distribution	Scripts
F Distribution	Standard Deviation
F Probability Calculator	Standard Deviation Calculator
Gamma Distribution	Standard Deviation Confidence Limits
Gamma Probability Calculator	Standard Deviation Conversion
Hazard Rate	Standard Error
Hazard Rate Conversion	Studentized Range Distribution
Hazard Ratio	Studentized Range Probability Calculator
Hazard Ratio Conversion	Student's T Distribution
Hotelling's T2 Distribution	Student's T Probability Calculator
Hotelling's T2 Probability Calculator	Survival Parameter Conversion Tool
Hypergeometric Distribution	Weibull Distribution
Hypergeometric Probability Calculator	Weibull Probability Calculator