

XLSTAT: COMPARISON CHART

Esplorate le categorie di seguito per scoprire quale versione di XLSTAT fa per voi

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Sensory data analysis	Sensory	Marketing	Forecast	Biomed	Ecology	Psy	Quality	Premium
Panel analysis	✓	✓						✓
Multiple Factor Analysis (MFA)	✓	✓			✓	✓		✓
Generalized Procrustes Analysis (GPA)	✓	✓			✓	✓		✓
TURF analysis	✓	✓						✓
CATA data analysis	✓	✓						✓
Penalty analysis	✓	✓						✓
Sensory shelf life analysis	✓	✓						✓
Product characterization	✓	✓						✓
Internal preference mapping	✓	✓						✓
Preference Mapping (PREFMAP)	✓	✓						✓
Design of experiments for sensory discrimination tests	✓	✓						✓
DOE for sensory data analysis	✓	✓						✓
Generalized Bradley-Terry model	✓	✓						✓
Sensory discrimination tests	✓	✓						✓
Conjoint analysis	Sensory	Marketing	Forecast	Biomed	Ecology	Psy	Quality	Premium
Conjoint analysis		✓						✓
Choice based conjoint analysis		✓						✓
MaxDiff analysis		✓						✓
Conditional Logit model		✓						✓
DoE for choice based conjoint (CBC) analysis		✓						✓
DoE for conjoint analysis		✓						✓
MONANOVA - Monotone regression		✓						✓
Simulation for conjoint analysis		✓						✓

Time series analysis	Sensory	Marketing	Forecast	Biomed	Ecology	Psy	Quality	Premium
Time series descriptive statistics			✓					✓
Spectral analysis			✓					✓
ARIMA			✓					✓
Cochrane-Orcutt model			✓					✓
Durbin-Watson test			✓					✓
Unit root and stationarity tests			✓					✓
Fourier transform			✓					✓
Heteroscedasticity tests			✓					✓
Homogeneity tests for time series			✓					✓
Smoothing of time series			✓					✓
Mann-Kendall Trend Tests			✓					✓
Time series transformation			✓					✓
Monte Carlo simulations	Sensory	Marketing	Forecast	Biomed	Ecology	Psy	Quality	Premium
Monte Carlo simulations		✓	✓				✓	✓
Power analysis	Sensory	Marketing	Forecast	Biomed	Ecology	Psy	Quality	Premium
Statistical Power for ANOVA / ANCOVA / Repeated measures ANOVA				✓			✓	✓
Statistical Power for comparing correlations				✓			✓	✓
Statistical Power for mean comparison				✓			✓	✓
Statistical Power for proportion comparison				✓			✓	✓
Statistical Power to compare variances				✓			✓	✓
Statistical Power for Cox model				✓			✓	✓

Power analysis	Sensory	Marketing	Forecast	Biomed	Ecology	Psy	Quality	Premium
Statistical Power for linear regression				✓			✓	✓
Statistical Power for logistic regression				✓			✓	✓
Sample size for clinical trials				✓			✓	✓
Statistical Process Control	Sensory	Marketing	Forecast	Biomed	Ecology	Psy	Quality	Premium
Gage Repeatability and Reproducibility for Attributes							✓	✓
Gage Repeatability and Reproducibility (Quantitative)							✓	✓
Attribute charts							✓	✓
Time Weighted charts							✓	✓
Subgroup charts							✓	✓
Individual charts							✓	✓
Pareto charts							✓	✓
Design of Experiments	Sensory	Marketing	Forecast	Biomed	Ecology	Psy	Quality	Premium
Analysis of a surface response design							✓	✓
Analysis of a screening design							✓	✓
Analysis of a mixture design							✓	✓
Screening designs							✓	✓
Surface response designs							✓	✓
Mixture design							✓	✓
Survival analysis	Sensory	Marketing	Forecast	Biomed	Ecology	Psy	Quality	Premium
Sensitivity and specificity analysis				✓	✓			✓
Nelson-Aalen analysis				✓	✓			✓
Kaplan-Meier analysis				✓	✓			✓
Parametric survival curves				✓	✓			✓
ROC curves				✓	✓			✓
Cox proportional hazards models				✓	✓			✓
Cumulative incidence				✓	✓			✓

Life table analysis				✓	✓			✓
Survival analysis	Sensory	Marketing	Forecast	Biomed	Ecology	Psy	Quality	Premium
Parametric survival regression (Weibull model)				✓	✓			✓
Method validation	Sensory	Marketing	Forecast	Biomed	Ecology	Psy	Quality	Premium
Method comparison (Bland Altman, ...)				✓				✓
Deming regression				✓				✓
Passing and Bablok regression				✓				✓
OMICS data analysis	Sensory	Marketing	Forecast	Biomed	Ecology	Psy	Quality	Premium
Differential expression				✓	✓			✓
Heat map				✓	✓			✓
Multiblock data analysis	Sensory	Marketing	Forecast	Biomed	Ecology	Psy	Quality	Premium
Canonical Correspondence Analysis (CCA and partial CCA)					✓	✓		✓
Canonical Correlation Analysis (CCorA)					✓	✓		✓
Redundancy analysis (RDA)					✓	✓		✓
Multiple Factor Analysis (MFA)	✓	✓			✓	✓		✓
Generalized Procrustes Analysis (GPA)	✓	✓			✓	✓		✓
Path modeling	Sensory	Marketing	Forecast	Biomed	Ecology	Psy	Quality	Premium
PLS Path Modelling	✓	✓				✓		✓
Generalized Structured Component Analysis (GSCA)	✓	✓				✓		✓
Regularized Generalized Canonical Correlation Analysis (RGCCA)	✓	✓				✓		✓
Dose effect analysis	Sensory	Marketing	Forecast	Biomed	Ecology	Psy	Quality	Premium
Four/Five-parameter parallel lines logistic regression				✓	✓			✓
Dose effect analysis				✓	✓			✓

Options

XLSTAT-3DPlot	Sensory	Marketing	Forecast	Biomed	Ecology	Psy	Quality	Premium
3D visualization	✓	✓	✓	✓	✓	✓	✓	✓
XLSTAT-LG	Sensory	Marketing	Forecast	Biomed	Ecology	Psy	Quality	Premium
Latent Class cluster models	✓	✓	✓	✓	✓	✓	✓	✓
Latent Class regression models	✓	✓	✓	✓	✓	✓	✓	✓
XLSTAT-CCR	Sensory	Marketing	Forecast	Biomed	Ecology	Psy	Quality	Premium
Correlated Component Regression (CCR)	✓	✓	✓	✓	✓	✓	✓	✓