

Features in MYSTAT 12

The following table indicates whether a particular SYSTAT feature is available in MYSTAT. For all features dealing with probability distributions, only the Exponential, Lognormal, Normal, Uniform, t, F, Chi-square, Beta, Gamma, Logistic, Binomial, Discrete Uniform and Poisson distributions are available.

Feature	SYSTAT 12	MYSTAT 12
Matrix	✓	×
Probability Calculator	✓	✓
Random Sampling	✓	✓
Design of Experiments	✓	×
Power Analysis	✓	×
One-Way Frequency Tables	✓	✓
Basic Statistics	✓	✓
Stem-and-Leaf Plot	✓	✓
Row Statistics	✓	✓
Fitting Distributions	✓	✓
Tables	✓	✓
Loglinear Model	✓	✓
Nonparametric Tests	✓	✓
Multinormal Tests	✓	×
Hypothesis Testing	✓	✓
Correlations	✓	✓
Regression		
Linear		
Least Squares	✓	✓
Bayesian	✓	×
Ridge	✓	×
Robust		
Least Absolute Deviation (LAD)	✓	✓
M	✓	×
Least Median of Squares (LMS)	✓	×
Least Trimmed Squares (LTS)	✓	×
Scale (S)	✓	×
Rank	✓	×
Logit	✓	✓
Probit	✓	✓
Partial Least Squares	✓	×
Two-Stage Least Squares	✓	×
Mixed	✓	×
Smooth & Plot	✓	×
Nonlinear	✓	✓
Analysis of Variance		
Estimate Model	✓	✓
Hypothesis Test	✓	×

Pairwise Comparisons	✓	×
MANOVA	✓	×
General Linear Model	✓	×
Mixed Models	✓	×
Discriminant Analysis	✓	✓
Cluster Analysis		
Herarchical		
Clustering	✓	✓
Validity Indexes	✓	×
Tree-cutting	✓	×
Cluster-coloring	✓	×
K-Clustering		
K-means Algorithm	✓	✓
K-medians Algorithm	✓	×
Additive Trees	✓	✓
Factor Analysis		
Principal Components(PCA) Method	✓	✓
Iterated Principal Axis (IPA) Method	✓	×
Maximum Likelihood (MLA) Method	✓	×
Time Series	✓	✓
Missing Value Analysis	✓	×
Quality Analysis	✓	×
Survival Analysis	✓	×
Response Surface Methods	✓	×
Path Analysis (RAMONA)	✓	×
Conjoint Analysis	✓	×
Multidimensional Scaling	✓	×
Perceptual Mapping	✓	×
POSAC	✓	×
Test Item Analysis	✓	×
Signal Detection Analysis	✓	×
Spatial Statistics	✓	×
Trees (C&RT)	✓	×
Monte Carlo (Add-On)	✓	×
Quality Analysis (Add-On)	✓	×

Note: MYSTAT can at most accept 100 variables (Columns) with no limit on the cases (Rows). If you import a larger data file, only the first 100 variables will be read.