

Comparison of statistical packages

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The following tables compare general and technical information for a number of [statistical analysis](#) packages.

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General information[[edit](#)]

Product	Developer	Latest version	Open source	Software license	Interface	Written in	Scripting languages
ADaMSoft	Marco Scarno	27 April 2015	Yes	GNU GPL	CLI , GUI	Java	
Alteryx	Alteryx Inc.	2019.2 (June 2019)	No	Proprietary	GUI , Python SDK, js SDK	C#, C++, Python, R, js	R, Python
Analyse-it	Analyse-it		No	Proprietary	GUI	C#, C++, Fortran	
ASReml	VSN International	26 March 2014	No	Proprietary	CLI		
BMDP	Statistical Solutions		No	Proprietary			
Dataplot	Alan Heckert	2013	Yes	Public domain	CLI , GUI	Fortran	
ELKI	Ludwig Maximilian University of Munich	0.7.5 (15 February 2019)	Yes	AGPL	CLI , GUI	Java	Shell (computing)
Epi Info	Centers for Disease Control and Prevention	27 June 2016	Yes	Public domain	CLI , GUI	Microsoft C#	
EViews	IHS	23 March 2015	No	Proprietary	CLI , GUI		
GAUSS	Aptech Systems	2019	No	Proprietary	CLI , GUI	C, C++	
GenStat	VSN International	2015	No	Proprietary	CLI , GUI		
GraphPad Prism	GraphPad Software, Inc.	February 2009	No	Proprietary	GUI		
gretl	The gretl Team	2019c (2 July 2019)	Yes	GNU GPL	CLI , GUI	C	hansl
JASP	JASP team	0.92 (10 December 2018)	Yes	GNU GPL	GUI	C++	
JMP	SAS Institute	14.3 (March 2019)	No	Proprietary	GUI , CLI		JSL (JMP Scripting Language)
LIMDEP	Econometric Software, Inc., William Greene	May 2012	No	Proprietary	CLI , GUI	Fortran, C++	

Product

Developer

Latest version

[Open source](#)

[Software license](#)

Interface

Written in

Scripting languages

Product	Developer	Latest version	Open source	Software license	Interface	Written in	Scripting languages
Maple	Maplesoft	2019.1 (May 28, 2019; 2 months ago) ^[±] ^[1]	No	Proprietary	CLI , GUI		
Mathematica	Wolfram Research	12.0.0 (April 16, 2019; 4 months ago) ^[±] ^[2]	No	Proprietary	CLI , GUI	C, Mathematica	
MATLAB	MathWorks	R2018b (12 September 2018)	No	Proprietary	CLI , GUI	C++, Java, MATLAB	
MaxStat Pro	MaxStat Software	Pro 3.6	No	Proprietary	GUI	VB.net, C++, C#	
MedCalc	MedCalc Software bvba	7 May 2019	No	Proprietary	GUI		
Minitab	Minitab Inc.	7 June 2017	No	Proprietary	CLI , GUI		
NCSS	NCSS, LLC	February 2015	No	Proprietary	GUI		
NLOGIT	Econometric Software, Inc., William Greene	May 2012	No	Proprietary	CLI , GUI	Fortran, C++	
NMath Stats	CenterSpace Software	November 2009	No	Proprietary	CLI		
NumXL	Spider Financial	14 June 2016	No	Proprietary	GUI	C++, VBA	C, C++, C#, VB, VBA, .NET
OpenEpi	A. Dean, K. Sullivan, M. Soe	22 September 2014	Yes	GNU GPL	GUI	JavaScript, HTML	
Orange	Bioinformatics Laboratory, Faculty of Computer and Information Science, University of Ljubljana	10 January 2016	Yes	GNU GPL	GUI /Python	Python, Cython	Python
Origin	OriginLab	28 October 2014	No	Proprietary	GUI	C++	LabTalk
Ox programming language	OxMetrics, J.A. Doornik	August 2011	No	Proprietary	CLI		
OxMetrics	OxMetrics, J.A. Doornik	August 2011	No	Proprietary	CLI /GUI		
Primer	Primer-E	February 2007	No	Proprietary	GUI		
PSPP	GNU Project	1.2.0 (6 November 2018) ^[3]	Yes	GNU GPL	CLI , GUI	C	Perl (by PSPP-Perl ^[4])
R	R Foundation	3.5.2 (20 December 2018)	Yes	GNU GPL	CLI , GUI ^[5]	C, Fortran, R ^[6]	R language , Python (by RPy), Perl (by Statistics::R module)
RKWard	RKWard community	0.7.0 (16 April 2018) ^[7]	Yes	GNU GPL	CLI , GUI	C++, ECMAScript	R language , Python (by RPy), Perl (by Statistics::R module)
Revolution Analytics	Norman Nie	2007	Yes	Proprietary	CLI , GUI		
RATS	Estima	1 October 2010	No	Proprietary	CLI , GUI		
ROOT	ROOT Analysis Framework	4 November 2016	Yes	GNU GPL	GUI	C++	C++, Python
SageMath	>100 developers worldwide	8.8 (27 June 2019; 52 days ago) ^[±] ^[8]	Yes	GNU GPL	CLI & GUI	Python, Cython	Python
Salstat	Alan J. Salmoni, Mark Livingstone	16 May 2014	Yes	GNU GPL	CLI & GUI	Python , NumPy , SciPy	Python

Product

Developer

Latest version

Open source

Software license

Interface

Written in

Scripting languages

Product	Developer	Latest version	Open source	Software license	Interface	Written in	Scripting languages
SAS	SAS Institute	9.4M6 (November 2018), Viya 3.4 (September 2018)	No	Proprietary	CLI & GUI	C	SAS language , CAS Language (CASL), APIs for R language , Python , Lua , Java
SciPy	Enthought	1.3.1 (9 August 2019)	Yes	BSD	CLI	Python , C , Fortran	Python
SHAZAM	SHAZAM Analytics Ltd	11.1.4 (April 2015)	No	Proprietary	CLI, GUI	FORTTRAN, C++, C	
SigmaXL	SigmaXL Inc.	11 March 2019	No	Proprietary	GUI		
Skytree Infinity	Skytree, Inc.	26 October 2010	No	Proprietary	CLI, GUI, Java SDK, Python SDK	C++	Shell , Python
SOCR	UCLA and University of Michigan	3.0 (10 May 2015)	Yes	LGPL	GUI	Java	
SOFA Statistics	Grant Paton-Simpson	1.5.2 (7 July 2019)	Yes	AGPL	GUI	Python	Python
SPlus	Insightful Inc.	2010	No	Proprietary	CLI		
SPSS	IBM	24.0 (15 March 2016)	No	Proprietary	CLI, GUI	Java	R, Python, SaxBasic
Stata	StataCorp LLC	6 November 2017	No	Proprietary	CLI, GUI	C	ado, Mata
StatCrunch	Pearson Education	July 2017	No	Proprietary	GUI		
Statgraphics	Statpoint Technologies Incorporated	September 2014	No	Proprietary	GUI	C++	
Statistica	Dell Software	September 2015	No	Proprietary	GUI	C++	R, Statistica Visual Basic (SVB)
StatPlus	AnalystSoft	7 January 2007	No	Proprietary	GUI		
Statsmodels	Statsmodels Developers	0.9.0 (12 May 2018)	Yes	BSD	CLI	Python , C	Python
SYSTAT	Systat Software Inc.	21 February 2007	No	Proprietary	CLI, GUI		
TSP	TSP International	September 2009	No	Proprietary	CLI	Fortran	
UNISTAT	Unistat Ltd	8 April 2011	No	Proprietary	GUI, Excel		
Winpepi	J. H. Abramson	June 2008	No	Proprietary	GUI		
WPS Analytics	World Programming	March 2018	No	Proprietary	CLI, GUI	C, Assembler	Python , R , SAS and SQL languages
WINKS	TexaSoft	August 2013	No	Proprietary	GUI	Fortran, Visual Basic	
XploRe	MD*Tech	2006	No	Proprietary	GUI		
Product	Developer	Latest version	Open source	Software license	Interface	Written in	Scripting languages

Operating system support[\[edit\]](#)

Product	Windows	Mac OS	Linux	BSD	Unix	Cloud
ADaMSoft	Yes	Yes	Yes	Yes	Yes	No
Alteryx	Yes	No	No	No	No	No
Analyse-it	Yes	No	No	No	No	No
BMDP	Yes					No
Dataplot	Yes	Yes	Yes	Yes	Yes	No

ELKI	Yes	Yes	Yes	Yes	Yes	No
Epi Info	Yes	No	No	No	No	No
EViews	Yes	Yes	No	No	No	No
GAUSS	Yes	Yes	Yes	No	Yes	No
GraphPad Prism	Yes	Yes	No	No	No	No
gretl	Yes	Yes	Yes	Yes	No	No
JASP	Yes	Yes	Yes	No	No	browser
JMP	Yes	Yes	Terminated	No	No	No
LIMDEP	Yes	No	No	No	No	No
Maple	Yes	Yes	Yes	No	Yes	No
MATLAB	Yes	Yes	Yes	No	No	No
Mathematica	Yes	Yes	Yes	No	Yes	Yes
MaxStat Pro	Yes	No	No	No	No	No
MedCalc	Yes	No	No	No	No	Yes ^[2]
Minitab	Yes	Terminated	No	No	No	No
NCSS	Yes	No	No	No	No	No
NLOGIT	Yes	No	No	No	No	No
NMath Stats	Yes	No	No	No	No	No
NumXL	Yes	No	No	No	No	No
OpenEpi	Yes	Yes	Yes	Yes	Yes	No
Orange	Yes	Yes	Yes	Yes	Yes	No
Origin	Yes	No	No	No	No	No
Primer	Yes	No	No	No	No	No
PSPP	Yes	Yes	Yes	Yes	Yes	No
R Commander	Yes ^[10]	Yes ^[10]	Yes ^[10]	Yes ^[10]	Yes	No
R	Yes	Yes	Yes	Yes	Yes	Yes
RATS	Yes	Yes	Yes	No	Yes	No
RKWard	Yes	No	Yes	No	Yes	No
ROOT	Yes	Yes	Yes	Yes	Yes	No
SageMath	Partial	Yes	Yes	No	Yes	Yes
Salstat	Yes	Yes	Yes	Yes	Yes	No
SAS	Yes	Terminated	Yes	No	Yes	Yes
SciPy	Yes	Yes	Yes	Yes	Yes	No
SHAZAM	Yes	No	No	No	No	No
SigmaXL	Yes	Yes	No	No	No	No
SOCR	Yes	Yes	Yes	Yes	Yes	No
SOFA Statistics	Yes	Yes	Yes	Yes	Yes	No
SPlus	Yes	No	Yes	No	Yes	No
SPSS	Yes	Yes	Yes	No	Yes	Yes
Stata	Yes	Yes	Yes	No	Yes	No
StatCrunch	Yes	Yes	Yes	Yes	Yes	Yes
Statgraphics	Yes	No	No	No	No	No
Statistica	Yes	No	No	No	No	No
StatPlus	Yes	Yes	No	No	No	No
Statsmodels	Yes	Yes	Yes	Yes	Yes	No
SYSTAT	Yes	Terminated	No	No	No	No
TSP	Yes	Yes	Yes	Yes	Yes	No
UNISTAT	Yes	No	No	No	No	No
The Unscrambler	Yes	No	No	No	No	No
Winpepi	Yes	No	No	No	No	No
WPS Analytics	Yes	Yes	Yes	No	Yes	Yes
WINKS	Yes	No	No	No	No	No
XploRe	Yes	No	Yes	No	Yes	No

Product

[Windows](#)[Mac OS](#)[Linux](#)[BSD](#)[Unix](#)[SaaS](#)

ANOVA[\[edit\]](#)

Support for various [ANOVA](#) methods

Product	One-way	Two-way	MANOVA	GLM	Mixed model	Post-hoc	Latin squares
ADaMSoft	Yes	Yes	No	No	No	No	No
Alteryx	Yes	Yes	Yes	Yes	Yes		
Analyse-it	Yes	Yes	No	No	Yes	Yes	No
BMDP	Yes	Yes	Yes	Yes	Yes	Yes	
Epi Info	Yes	Yes	No	No	No	No	No
EViews	Yes						
GAUSS		No	No	No		No	No
GenStat	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GraphPad Prism	Yes	Yes	No	No		Yes	No
gretl	Yes						
JASP	Yes	Yes	No				
JMP	Yes	Yes	Yes	Yes	Yes	Yes	Yes
LIMDEP	Yes	Yes	Yes	Yes	Yes	No	No
Maple	Yes ^[11]	No	No	No	No	No	Yes ^[12]
Mathematica	Yes	Yes	No ^[13]	Yes		Yes	No
MATLAB+Statistics Toolbox	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MaxStat Pro	Yes	Yes	No	No	No	Yes	Yes
MedCalc	Yes	Yes	No	Yes		Yes	No
Minitab	Yes	Yes	Yes	Yes		Yes	Yes
NCSS	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NLOGIT	Yes	Yes	Yes	Yes	Yes	No	No
NMath Stats	Yes	Yes	No	No		No	No
Orange	Yes	No	No	No	No	No	No
Origin	Yes	Yes	No	No	Yes	Yes	No
PSPP	Yes	Yes	No	Yes		Yes	Yes
R	Yes	Yes	Yes	Yes	Yes	Yes	Yes
R Commander	Yes	Yes	Yes	Yes		Yes	Yes
SageMath	Yes	Yes	Yes		Yes	Yes	
Salstat	Yes	No	No	No		No	No
SAS	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SciPy	Yes	No	No	No	No	No	No
SHAZAM	Yes	Yes	No	Yes	Yes	Yes	No
SigmaXL	Yes	Yes	No	No			No
SOCR	Yes	Yes	No	No		Yes	Yes
SOFA Statistics	Yes	No	No	No		No	No
SPlus	Yes	Yes	Yes	Yes		Yes	Yes
SPSS	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Stata	Yes	Yes	Yes	Yes	Yes	Yes	Yes
StatCrunch	Yes	Yes	No	No	No	Yes	No
Statgraphics	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Statistica	Yes	Yes	Yes	Yes		Yes	Yes
StatPlus	Yes	Yes	Yes	Yes		Yes	Yes
Statsmodels	Yes	Yes	Yes	Yes	Yes	Yes	No
SYSTAT	Yes	Yes	Yes	Yes		Yes	Yes
TSP	No	No	No	No		No	No
UNISTAT	Yes	Yes	No	Yes		Yes	Yes
Product	One-way	Two-way	MANOVA	GLM	Mixed model	Post-hoc	Latin squares

Product	One-way	Two-way	MANOVA	GLM	Mixed model	Post-hoc	Latin squares
The Unscrambler	Yes	No	No	No		No	No
WINKS	Yes	Yes	No	Yes	Yes	Yes	No
Winpepi	Yes	Yes	No	No		No	No
WPS Analytics	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Product One-way Two-way [MANOVA](#) [GLM](#) [Mixed model](#) [Post-hoc](#) [Latin squares](#)

Regression[[edit](#)]

Support for various [regression](#) methods.

Product	OLS	WLS	2SLS	NLLS	Logistic	GLM	LAD	Stepwise	Quantile	Probit	Cox	Poisson	MLR
ADaMSoft	Yes	Yes	No	Yes	Yes	No	No	Yes					
Alteryx	Yes	Yes			Yes	Yes		Yes		Yes			
Analyse-it	Yes				Yes								Yes
BMDP	Yes				Yes			Yes			Yes		
Epi Info	Yes	No	No	No	Yes	No	No	No			Yes		
EViews	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes
GAUSS	Yes				Yes	Yes	No		No			Yes	
GenStat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
GraphPad Prism	Yes	Yes	No	Yes	No	No	No	No	No	No		No	Yes
gretl	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes		Yes	
JMP	Yes	Yes	No	Yes	Yes	Yes	No	Yes	In JMP Pro	Yes	In JMP Pro	Yes	Yes
LIMDEP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Maple	Yes	Yes	No	Yes ^[14]	No	No	No	No	No	No	No	No	Yes
Mathematica	Yes	Yes		Yes	Yes ^[15]	Yes ^[16]	Yes ^[17]		Yes	Yes ^[18]	Yes ^[19]	Yes	Yes ^[20]
MATLAB+Statistics Toolbox	Yes	Yes	Yes ^[21]	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MaxStat Pro	Yes	Yes		Yes	Yes								Yes
MedCalc	Yes	Yes		Yes	Yes			Yes		Yes	Yes		Yes
Minitab	Yes	Yes	No	Yes	Yes	No	No	Yes	No				
NCSS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
NLOGIT	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NMath Stats	Yes	Yes		Yes									Yes
NumXL	Yes					Yes		Yes					Yes
Orange	Yes	Yes	No	Yes	Yes	No	No	No	No	No	No	No	Yes
Origin	Yes	Yes	No	Yes	No	No	No	No	No	No	Yes	No	Yes
PSPP	Yes												
R	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
R Commander ^[22]	Yes					Yes			No				
RATS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes
SageMath	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	
Salstat	No	No	No	No	No	No	No	No	No	No		No	No
SAS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SciPy	Yes	via "statsmodels"	No	Yes	No	No	No	Yes	No	via "statsmodels"	No	via "statsmodels"	No
SHAZAM	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SigmaXL	Yes				Yes								Yes
SOCR	Yes	No	No	No	Yes	No	No	No					
SPlus	Yes			Yes	Yes	Yes		Yes	Yes				
SPSS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Product [OLS](#) [WLS](#) [2SLS](#) [NLLS](#) [Logistic](#) [GLM](#) [LAD](#) [Stepwise](#) [Quantile](#) [Probit](#) [Cox](#) [Poisson](#) [MLR](#)

Product	OLS	WLS	2SLS	NLLS	Logistic	GLM	LAD	Stepwise	Quantile	Probit	Cox	Poisson	MLR
Stata	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
StatCrunch	Yes	No	No	No	Yes	No	No	No	No	No	No	No	Yes
Statgraphics	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
Statistica	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
StatPlus	Yes	No	Yes	Yes	Yes	Yes	No	Yes					
Statsmodels	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
SYSTAT	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No				
TSP	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes		Yes	Yes
UNISTAT	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes		Yes		Yes	
The Unscrambler	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
WINKS	Yes				Yes	Yes		Yes					Yes
Winpepi	Yes				Yes					Yes		Yes	Yes
WPS Analytics	Yes	Yes		Yes	Yes	Yes		Yes		Yes	Yes	Yes	Yes
Product	OLS	WLS	2SLS	NLLS	Logistic	GLM	LAD	Stepwise	Quantile	Probit	Cox	Poisson	MLR

Time series analysis[\[edit\]](#)

Support for various [time series analysis](#) methods.

Product	ARIMA	GARCH	Unit root test	Cointegration test	VAR	Multivariate GARCH
Alteryx	Yes	No				
Analyse-it						
EViews	Yes	Yes	Yes	Yes	Yes	Yes
GAUSS	Yes	Yes	Yes		Yes	Yes
GraphPad Prism	No	No	No	No	No	
gretl	Yes	Yes	Yes	Yes	Yes	
JMP	Yes					
LIMDEP	Yes	Yes	Yes	Yes	Yes	No
Mathematica	Yes ^[23]	Yes	Yes ^[24]	Yes	Yes ^[25]	Yes ^[26]
MATLAB+Econometrics Toolbox	Yes	Yes	Yes	Yes	Yes	
MaxStat Pro	Yes	No	No	No	No	No
MedCalc	No	No	No	No	No	
Minitab	Yes	No	No	No	No	
NCSS	Yes					
NLOGIT	Yes	Yes	Yes	Yes	Yes	No
NumXL	Yes	Yes	Yes	Yes		
NMath Stats						
Orange	Yes	No	No	No	Yes	No
Origin	No	No	No	No	No	No
PSPP						
R	Yes	Yes	Yes	Yes	Yes	Yes
R Commander ^[22]						
RATS	Yes	Yes	Yes	Yes	Yes	Yes
SageMath	Yes	Yes	Yes	Yes	Yes	Yes
Salstat	No	No	No	No	No	No
SAS	Yes	Yes	Yes	Yes	Yes	Yes
SciPy	via " statsmodels "	No	via " statsmodels "	No	via " statsmodels "	No
SHAZAM	Yes	Yes	Yes	Yes	Yes	No
SOCR	No	No	No	No	No	
Stata	Yes	Yes	Yes	Yes	Yes	Yes
Product	ARIMA	GARCH	Unit root test	Cointegration test	VAR	Multivariate GARCH

Product	ARIMA	GARCH	Unit root test	Cointegration test	VAR	Multivariate GARCH
Statgraphics	Yes	No	No	No	No	
Statistica	Yes	No	No	No	No	
StatPlus	Yes	No	No	No	No	
SPlus		Yes			Yes	
SPSS	Yes	Yes				
Statsmodels	Yes	No	Yes	Yes	Yes	No
SYSTAT	Yes					
TSP	Yes	Yes	Yes	Yes	Yes	No
UNISTAT	Yes	No	No	No	No	
WINKS	Yes	No	No	No	No	
Winpepi						
WPS Analytics	Yes		Yes			
Product	ARIMA	GARCH	Unit root test	Cointegration test	VAR	Multivariate GARCH

Charts and diagrams[[edit](#)]

Support for various [statistical charts](#) and [diagrams](#).

Chart	Bar chart	Box plot	Correlogram	Histogram	Line chart	Scatterplot
ADaMSoft	Yes	Yes	Yes	Yes	Yes	Yes
Alteryx	Yes	Yes		Yes	Yes	Yes
Analyse-it	Yes	Yes	Yes	Yes	Yes	Yes
BMDP				Yes		Yes
ELKI	No	No	No	Yes	Yes	Yes
Epi Info	Yes	No	No	Yes	Yes	Yes
EViews	Yes	Yes	Yes	Yes	Yes	Yes
GAUSS	Yes	Yes		Yes	Yes	Yes
GenStat	Yes	Yes	Yes	Yes	Yes	Yes
GraphPad Prism	Yes	Yes	Yes	Yes	Yes	Yes
gretl	Yes	Yes	Yes	Yes	Yes	Yes
JMP	Yes	Yes	Yes	Yes	Yes	Yes
LIMDEP	Yes	Yes	Yes	Yes	Yes	Yes
Maple	Yes ^[27]	Yes ^[28]	Yes ^[29]	Yes ^[30]	Yes ^[31]	Yes ^[32]
Mathematica	Yes ^[33]	Yes ^[34]	Yes ^[35]	Yes ^[36]	Yes ^[37]	Yes ^[38] ^[39]
MATLAB+Statistics Toolbox	Yes	Yes	Yes	Yes	Yes	Yes
MaxStat Pro	Yes	Yes	Yes	Yes	Yes	Yes
MedCalc	Yes	Yes	Yes	Yes	Yes	Yes
Minitab	Yes	Yes	Yes	Yes	Yes	Yes
NCSS	Yes	Yes	Yes	Yes	Yes	Yes
NLOGIT	Yes	Yes	Yes	Yes	Yes	Yes
NMath Stats						
NumXL			Yes	Yes		
Orange	Yes	Yes	Yes	Yes	Yes	Yes
Origin	Yes	Yes	No	Yes	Yes	Yes
PSPP						
R	Yes	Yes	Yes	Yes	Yes	Yes
R Commander						
RATS	Yes	Yes	Yes	Yes	Yes	Yes
SageMath	Yes	Yes	Yes	Yes	Yes	Yes
SAS	Yes	Yes	Yes	Yes	Yes	Yes
SciPy	Yes	Yes	No	Yes	Yes	Yes
SHAZAM	Yes	Yes	Yes	Yes	Yes	Yes

Chart	Bar chart	Box plot	Correlogram	Histogram	Line chart	Scatterplot
SigmaXL	Yes	Yes		Yes	Yes	Yes
SOCR	Yes	Yes	Yes	Yes	Yes	Yes
SOFA Statistics	Yes	Yes	No	Yes	Yes	Yes
SPlus						
SPSS	Yes	Yes	Yes	Yes	Yes	Yes
Stata	Yes	Yes	Yes	Yes	Yes	Yes
StatCrunch	Yes	Yes	No	Yes	Yes	Yes
Statgraphics	Yes	Yes	Yes	Yes	Yes	Yes
Statistica	Yes	Yes	Yes	Yes	Yes	Yes
StatPlus	Yes	Yes	Yes	Yes	Yes	Yes
Statsmodels	Yes	Yes	Yes	Yes	Yes	Yes
SYSTAT						
TSP	No	No	Yes	Yes	Yes	Yes
UNISTAT	Yes	Yes	Yes	Yes	Yes	Yes
The Unscrambler	Yes			Yes	Yes	Yes
WINKS	Yes	Yes	Yes	Yes	Yes	Yes
Winpepi					Yes	Yes
WPS Analytics	Yes	Yes	Yes	Yes	Yes	Yes

Other abilities[\[edit\]](#)

Product	s/w type [Note 1]	Descriptive statistics		Nonparametric statistics		Quality control		Survival analysis			
		Base stat. [Note 2]	Normality tests [Note 3]	CTA [Note 4]	Nonparametric comparison, ANOVA			Cluster analysis	Discriminant analysis	BDP [Note 5]	Ext. [Note 6]
ADaMSoft	S	+	+	+	+	-	-	+	+	+	+
Alteryx	S	+	+	+	+	+	+	+	+	+	+
Analyse-it	X	+	+	+	+	+	-	-	-	+	+
BMDP		+	+	+	+		+	+	+		
Epi Info	S	+	-	+	+	-	+	-	-	+	+
Gauss	St	+	+	-	-	-	-	-	-	+	+
GenStat	St	+	+	+	+	+	+	+	+	+	+
GraphPad Prism	S	+	+	-	+	-	+	-	-	-	-
Gretl	S	+	+	+	+	-	+	-	-	+	+
JMP	S	+	+	+	+	+	+	+	+	+	+
LIMDEP	S	+	+	+	+	-	-	+	+	+	+
Maple	S	+	+[40]			+[41]	-	-	-	+	+
Mathematica	S	+	+	+	+	-	+[42]	+	-	+	+
MATLAB+Statistics Toolbox	S	+	+	+	+	+	+	+	+	+	+
MaxStat Pro	S	+	+	+	+		-	-	-	+	+
MedCalc	S	+	+	+	+	+	+	-	-	+	+
Minitab	S	+	+	+	+	+	+	+	+	+	+
NCSS	S	+	+	+	+	+	+	+	+	+	+
NLOGIT	S	+	+	+	+	-	-	+	+	+	+
NMath Stats	S	+	+	-	-	-	-	+	-	-	-
NumXL	X	+	+	-	-	-	-	-	-	-	+
OpenEpi	S	+	-	+	-	-	-	-	-	-	-
Orange	S	+	+	+	+	+	-	+	+	+	+
Origin	S	+	+	-	+	-	+	+	+	+	+
PSPP	S	+	+								
R	St	+	+	+	+	+	+	+	+	+	+

RATS		+	+	-	-	-	-	-	-	+	+
SAS	S	+	+	+	+	+	+	+	+	+	+
SciPy	St	+	+	-	+	-	-	-	-	+	+
SHAZAM	S	+	+	-	-	-	-	-	-	+	+
SigmaXL	X	+	+	+	+	+	+			+	+
SOCR	S	+	+	+	+	-	+	+	-	+	+
SOFA Statistics	S		-	+	+	-	-	-	-	-	-
Stata	S	+	+	+	+	+	+	+	+	+	+
StatCrunch	C	+	+	+	+	+	-	-	-	+	+
Statgraphics	S	+	+	+	+	+	+	+	+	+	+
Statistica	S	+	+	+	+	+	+	+	+	+	+
StatPlus	S	+	+	+	+	+	+	-	-	+	+
SPlus	St	+	+	+	+	+	+	+	+	+	+
SPSS	S	+	+	+	+	+	+	+	+	+	+
Statsmodels	St	+	+	+	-	-	+	-	-	+	+
SYSTAT	S	+	+	+	+	+	+	+	+	+	+
TSP	S	+	+	-	-	-	-	-	-	+	+
UNISTAT	S	+	+	+	+	+	+	+	+	+	+
The Unscrambler	S	+	+		+			+	+		
WINKS	S	+	+	+	+	+	+			+	+
Winpepi	S	+	+	+	+	-	+	+	-	-	-
WPS Analytics	S	+	+	+	+		+	+	+	+	+

Product	s/w type [Note 1]	Descriptive statistics		Nonparametric statistics		Data processing					
		Base stat. [Note 2]	Normality tests [Note 3]	CTA [Note 4]	Nonparametric comparison, ANOVA	Quality control	Survival analysis	Cluster analysis	Discriminant analysis	BDP [Note 5]	Ext. [Note 6]

See also[[edit](#)]

- [Comparison of computer algebra systems](#)
- [Comparison of deep learning software](#)
- [Comparison of numerical analysis software](#)
- [Comparison of survey software](#)
- [List of scientific journals in statistics](#)
- [List of statistical packages](#)

Footnotes[[edit](#)]

- [^] ^{[a](#)} ^{[b](#)} S = Standalone executive; St = Standalone executive, primitive textual (DOS or terminal) interface; A = Access Add-in; X = Excel Plug-In; C = Cloud (SaaS)
- [^] ^{[a](#)} ^{[b](#)} Base Statistics (such as t-test, f-test, etc.)
- [^] ^{[a](#)} ^{[b](#)} Normality Tests, data exploring
- [^] ^{[a](#)} ^{[b](#)} Contingency Tables Analysis
- [^] ^{[a](#)} ^{[b](#)} Base Data Processing, f.ex. sorting
- [^] ^{[a](#)} ^{[b](#)} Extended (data sampling, transformation)

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 21. [^] [LeastSquaresFitting](#) MATLAB documentation
 22. [^] [a b](#) GUI interface for the [R programming language](#)
 23. [^] [ARIMAProcess](#) Mathematica documentation
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 26. [^] [GARCHProcess](#) Mathematica documentation
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