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This is the complete contents for all manuals. Every estimation command has a postestimation entry; however, not all postestimation entries are listed here.

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Programming

Basics
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Survival analysis
Time series, multivariate
Time series, univariate
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Mata

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Mata

Getting started

[GSM]	<i>Getting Started with Stata for Mac</i>	
[GSU]	<i>Getting Started with Stata for Unix</i>	
[GSW]	<i>Getting Started with Stata for Windows</i>	
[U]	Chapter 3	Resources for learning and using Stata
[U]	Chapter 4	Stata's help and search facilities
[R]	help	Display help in Stata
[R]	search	Search Stata documentation and other resources

Data manipulation and management

Basic data commands

[D]	codebook	Describe data contents
[D]	data management	Introduction to data management commands
[D]	data types	Quick reference for data types
[D]	datetime	Date and time values and variables
[D]	describe	Describe data in memory or in file
[D]	edit	Browse or edit data with Data Editor
[D]	format	Set variables' output format
[D]	insobs	Add or insert observations
[D]	inspect	Display simple summary of data's attributes
[D]	label	Manipulate labels
[D]	list	List values of variables
[D]	missing values	Quick reference for missing values
[D]	rename	Rename variable
[D]	save	Save Stata dataset
[D]	sort	Sort data
[D]	use	Load Stata dataset
[D]	varmanage	Manage variable labels, formats, and other properties

Creating and dropping variables

[FN]	Date and time functions	.....
[FN]	Mathematical functions	.....
[FN]	Matrix functions	.....
[FN]	Programming functions	.....
[FN]	Random-number functions	.....
[FN]	Selecting time-span functions	.....
[FN]	Statistical functions	.....
[FN]	String functions	.....
[FN]	Trigonometric functions	.....
[D]	clear	..... Clear memory
[D]	compress	..... Compress data in memory
[D]	drop	..... Drop variables or observations
[D]	egen	..... Extensions to generate
[D]	generate	..... Create or change contents of variable
[R]	orthog	..... Orthogonalize variables and compute orthogonal polynomials

Functions and expressions

[U]	Section 12.4.2.1	..... Unicode string functions
[U]	Chapter 13	..... Functions and expressions
[FN]	Date and time functions	.....
[FN]	Mathematical functions	.....
[FN]	Matrix functions	.....
[FN]	Programming functions	.....
[FN]	Random-number functions	.....
[FN]	Selecting time-span functions	.....
[FN]	Statistical functions	.....
[FN]	String functions	.....
[FN]	Trigonometric functions	.....
[D]	egen	..... Extensions to generate

Strings

[U]	Section 12.4	..... Strings
[U]	Section 12.4.2	..... Handling Unicode strings
[U]	Chapter 23	..... Working with strings
[FN]	String functions	.....
[D]	data types	..... Quick reference for data types
[D]	unicode	..... Unicode utilities

Dates and times

[U]	Section 12.5.3	..... Date and time formats
[U]	Chapter 24	..... Working with dates and times
[D]	bcal	..... Business calendar file manipulation
[D]	datetime	..... Date and time values and variables
[D]	datetime business calendars	..... Business calendars
[D]	datetime business calendars creation	..... Business calendars creation
[D]	datetime display formats	..... Display formats for dates and times
[D]	datetime translation	..... String to numeric date translation functions

Loading, saving, importing, and exporting data

[GS]	Chapter 6 (GSM, GSU, GSW)	Using the Data Editor
[U]	Chapter 21	Entering and importing data
[D]	edit	Browse or edit data with Data Editor
[D]	export	Overview of exporting data from Stata
[D]	import	Overview of importing data into Stata
[D]	import delimited	Import delimited text data
[D]	import excel	Import and export Excel files
[D]	import haver	Import data from Haver Analytics databases
[D]	import sasxport	Import and export datasets in SAS XPORT format
[D]	infile (fixed format)	Read text data in fixed format with a dictionary
[D]	infile (free format)	Read unformatted text data
[D]	infix (fixed format)	Read text data in fixed format
[D]	input	Enter data from keyboard
[D]	odbc	Load, write, or view data from ODBC sources
[D]	outfile	Export dataset in text format
[P]	putexcel	Export results to an Excel file
[D]	save	Save Stata dataset
[D]	sysuse	Use shipped dataset
[D]	use	Load Stata dataset
[D]	webuse	Use dataset from Stata website
[D]	xmlsave	Export or import dataset in XML format

Combining data

[U]	Chapter 22	Combining datasets
[D]	append	Append datasets
[MI]	mi append	Append mi data
[D]	cross	Form every pairwise combination of two datasets
[D]	joinby	Form all pairwise combinations within groups
[D]	merge	Merge datasets
[MI]	mi merge	Merge mi data

Reshaping datasets

[D]	collapse	Make dataset of summary statistics
[D]	contract	Make dataset of frequencies and percentages
[D]	expand	Duplicate observations
[D]	expandcl	Duplicate clustered observations
[D]	fillin	Rectangularize dataset
[D]	obs	Increase the number of observations in a dataset
[D]	reshape	Convert data from wide to long form and vice versa
[MI]	mi reshape	Reshape mi data
[TS]	rolling	Rolling-window and recursive estimation
[D]	separate	Create separate variables
[SEM]	ssd	Making summary statistics data (sem only)
[D]	stack	Stack data
[D]	statsby	Collect statistics for a command across a by list
[D]	xpose	Interchange observations and variables

Labeling, display formats, and notes

[GS]	Chapter 7 (GSM, GSU, GSW)	Using the Variables Manager
[U]	Section 12.5	Formats: Controlling how data are displayed
[U]	Section 12.6	Dataset, variable, and value labels
[D]	format	Set variables' output format
[D]	label	Manipulate labels
[D]	label language	Labels for variables and values in multiple languages
[D]	labelbook	Label utilities
[D]	notes	Place notes in data
[D]	varmanage	Manage variable labels, formats, and other properties

Changing and renaming variables

[GS]	Chapter 7 (GSM, GSU, GSW)	Using the Variables Manager
[U]	Chapter 25	Working with categorical data and factor variables
[D]	clonevar	Clone existing variable
[D]	destring	Convert string variables to numeric variables and vice versa
[D]	encode	Encode string into numeric and vice versa
[D]	generate	Create or change contents of variable
[D]	mvencode	Change missing values to numeric values and vice versa
[D]	order	Reorder variables in dataset
[D]	recode	Recode categorical variables
[D]	rename	Rename variable
[D]	rename group	Rename groups of variables
[D]	split	Split string variables into parts
[D]	varmanage	Manage variable labels, formats, and other properties

Examining data

[GS]	Chapter 6 (GSM, GSU, GSW)	Using the Data Editor
[D]	cf	Compare two datasets
[D]	codebook	Describe data contents
[D]	compare	Compare two variables
[D]	count	Count observations satisfying specified conditions
[D]	describe	Describe data in memory or in file
[D]	ds	List variables matching name patterns or other characteristics
[D]	duplicates	Report, tag, or drop duplicate observations
[D]	edit	Browse or edit data with Data Editor
[D]	gsort	Ascending and descending sort
[D]	inspect	Display simple summary of data's attributes
[D]	isid	Check for unique identifiers
[D]	lookfor	Search for string in variable names and labels
[R]	lv	Letter-value displays
[R]	misstable	Tabulate missing values
[MI]	mi describe	Describe mi data
[MI]	mi misstable	Tabulate pattern of missing values
[D]	pctile	Create variable containing percentiles
[ST]	stdescribe	Describe survival-time data
[R]	summarize	Summary statistics
[SVY]	svy: tabulate oneway	One-way tables for survey data
[SVY]	svy: tabulate twoway	Two-way tables for survey data
[P]	tabdisp	Display tables
[R]	table	Flexible table of summary statistics

[R]	tabstat	Compact table of summary statistics
[R]	tabulate oneway	One-way table of frequencies
[R]	tabulate twoway	Two-way table of frequencies
[R]	tabulate, summarize()	One- and two-way tables of summary statistics
[XT]	xtdescribe	Describe pattern of xt data

File manipulation

[D]	cd	Change directory
[D]	cf	Compare two datasets
[D]	changeool	Convert end-of-line characters of text file
[D]	checksum	Calculate checksum of file
[D]	copy	Copy file from disk or URL
[D]	dir	Display filenames
[D]	erase	Erase a disk file
[D]	filefilter	Convert ASCII or binary patterns in a file
[D]	mkdir	Create directory
[D]	rmdir	Remove directory
[D]	type	Display contents of a file
[D]	unicode convertfile	Low-level file conversion between encodings
[D]	unicode translate	Translate files to Unicode
[D]	zipfile	Compress and uncompress files and directories in zip archive format

Miscellaneous data commands

[D]	corr2data	Create dataset with specified correlation structure
[D]	drawnorm	Draw sample from multivariate normal distribution
[R]	dydx	Calculate numeric derivatives and integrals
[D]	icd	Introduction to ICD commands
[D]	icd10	ICD-10 diagnosis codes
[D]	icd9	ICD-9-CM diagnosis and procedure codes
[D]	ipolate	Linearly interpolate (extrapolate) values
[D]	range	Generate numerical range
[D]	sample	Draw random sample

Multiple imputation

[MI]	mi add	Add imputations from another mi dataset
[MI]	mi append	Append mi data
[MI]	mi convert	Change style of mi data
[MI]	mi copy	Copy mi flongsep data
[MI]	mi describe	Describe mi data
[MI]	mi erase	Erase mi datasets
[MI]	mi expand	Expand mi data
[MI]	mi export	Export mi data
[MI]	mi export ice	Export mi data to ice format
[MI]	mi export nhanes1	Export mi data to NHANES format
[MI]	mi extract	Extract original or imputed data from mi data
[MI]	mi import	Import data into mi
[MI]	mi import flong	Import flong-like data into mi
[MI]	mi import flongsep	Import flongsep-like data into mi
[MI]	mi import ice	Import ice-format data into mi
[MI]	mi import nhanes1	Import NHANES-format data into mi
[MI]	mi import wide	Import wide-like data into mi

[MI]	mi merge	Merge mi data
[MI]	mi misstable	Tabulate pattern of missing values
[MI]	mi passive	Generate/replace and register passive variables
[MI]	mi ptrace	Load parameter-trace file into Stata
[MI]	mi rename	Rename variable
[MI]	mi replace0	Replace original data
[MI]	mi reset	Reset imputed or passive variables
[MI]	mi reshape	Reshape mi data
[MI]	mi set	Declare multiple-imputation data
[MI]	mi stsplit	Stsplit and stjoin mi data
[MI]	mi update	Ensure that mi data are consistent
[MI]	mi varying	Identify variables that vary across imputations
[MI]	mi xeq	Execute command(s) on individual imputations
[MI]	mi XXXset	Declare mi data to be svy, st, ts, xt, etc.
[MI]	noupdate option	The noupdate option
[MI]	styles	Dataset styles
[MI]	workflow	Suggested workflow

Utilities

Basic utilities

[GS]	Chapter 13 (GSM, GSU, GSW)	Using the Do-file Editor—automating Stata
[U]	Chapter 4	Stata's help and search facilities
[U]	Chapter 15	Saving and printing output—log files
[U]	Chapter 16	Do-files
[R]	about	Display information about your Stata
[D]	by	Repeat Stata command on subsets of the data
[R]	cls	Clear Results window
[R]	copyright	Display copyright information
[R]	do	Execute commands from a file
[R]	doedit	Edit do-files and other text files
[R]	exit	Exit Stata
[R]	help	Display help in Stata
[R]	level	Set default confidence level
[R]	log	Echo copy of session to file
[D]	obs	Increase the number of observations in a dataset
[R]	postest	Postestimation Selector
[R]	#review	Review previous commands
[R]	search	Search Stata documentation and other resources
[BAYES]	set clevel	Set default credible level
[R]	translate	Print and translate logs
[D]	unicode translate	Translate files to Unicode
[R]	view	View files and logs
[D]	zipfile	Compress and uncompress files and directories in zip archive format

Error messages

[U]	Chapter 8	Error messages and return codes
[P]	error	Display generic error message and exit
[R]	error messages	Error messages and return codes
[P]	rmsg	Return messages

Stored results

[U]	Section 13.5	Accessing coefficients and standard errors
[U]	Section 18.8	Accessing results calculated by other programs
[U]	Section 18.9	Accessing results calculated by estimation commands
[U]	Section 18.10	Storing results
[P]	<code>creturn</code>	Return c-class values
[P]	<code>ereturn</code>	Post the estimation results
[R]	<code>estimates</code>	Save and manipulate estimation results
[R]	<code>estimates describe</code>	Describe estimation results
[R]	<code>estimates for</code>	Repeat postestimation command across models
[R]	<code>estimates notes</code>	Add notes to estimation results
[R]	<code>estimates replay</code>	Redisplay estimation results
[R]	<code>estimates save</code>	Save and use estimation results
[R]	<code>estimates stats</code>	Model-selection statistics
[R]	<code>estimates store</code>	Store and restore estimation results
[R]	<code>estimates table</code>	Compare estimation results
[R]	<code>estimates title</code>	Set title for estimation results
[P]	<code>_return</code>	Preserve stored results
[P]	<code>return</code>	Return stored results
[R]	<code>stored results</code>	Stored results

Internet

[U]	Chapter 28	Using the Internet to keep up to date
[R]	<code>adupdate</code>	Update user-written ado-files
[D]	<code>checksum</code>	Calculate checksum of file
[D]	<code>copy</code>	Copy file from disk or URL
[R]	<code>net</code>	Install and manage user-written additions from the Internet
[R]	<code>net search</code>	Search the Internet for installable packages
[R]	<code>netio</code>	Control Internet connections
[R]	<code>news</code>	Report Stata news
[R]	<code>sj</code>	Stata Journal and STB installation instructions
[R]	<code>ssc</code>	Install and uninstall packages from SSC
[R]	<code>update</code>	Check for official updates
[D]	<code>use</code>	Load Stata dataset

Data types and memory

[U]	Chapter 6	Managing memory
[U]	Section 12.2.2	Numeric storage types
[U]	Section 12.4	Strings
[U]	Section 12.4.2	Handling Unicode strings
[U]	Section 13.12	Precision and problems therein
[U]	Chapter 23	Working with strings
[D]	<code>compress</code>	Compress data in memory
[D]	<code>data types</code>	Quick reference for data types
[R]	<code>matsize</code>	Set the maximum number of variables in a model
[D]	<code>memory</code>	Memory management
[D]	<code>missing values</code>	Quick reference for missing values
[D]	<code>recast</code>	Change storage type of variable

Advanced utilities

[D]	assert	Verify truth of claim
[D]	cd	Change directory
[D]	changeool	Convert end-of-line characters of text file
[D]	checksum	Calculate checksum of file
[D]	copy	Copy file from disk or URL
[P]	_datasignature	Determine whether data have changed
[D]	datasignature	Determine whether data have changed
[R]	db	Launch dialog
[P]	dialog programming	Dialog programming
[D]	dir	Display filenames
[P]	discard	Drop automatically loaded programs
[D]	erase	Erase a disk file
[P]	file	Read and write text and binary files
[D]	filefilter	Convert ASCII or binary patterns in a file
[D]	hexdump	Display hexadecimal report on file
[D]	mkdir	Create directory
[R]	more	The —more— message
[R]	query	Display system parameters
[P]	quietly	Quietly and noisily perform Stata command
[D]	rmdir	Remove directory
[R]	set	Overview of system parameters
[R]	set cformat	Format settings for coefficient tables
[R]	set_defaults	Reset system parameters to original Stata defaults
[R]	set emptycells	Set what to do with empty cells in interactions
[P]	set locale_functions	Specify default locale for functions
[P]	set locale_ui	Specify a localization package for the user interface
[R]	set rng	Set which random-number generator (RNG) to use
[R]	set seed	Specify random-number seed and state
[R]	set showbaselevels	Display settings for coefficient tables
[D]	shell	Temporarily invoke operating system
[P]	signestimationsample	Determine whether the estimation sample has changed
[P]	smcl	Stata Markup and Control Language
[P]	sysdir	Query and set system directories
[D]	type	Display contents of a file
[D]	unicode collator	Language-specific Unicode collators
[D]	unicode convertfile	Low-level file conversion between encodings
[D]	unicode encoding	Unicode encoding utilities
[D]	unicode locale	Unicode locale utilities
[R]	which	Display location and version for an ado-file

Graphics**Common graphs**

[G-1]	graph intro	Introduction to graphics
[G-2]	graph	The graph command
[G-2]	graph bar	Bar charts
[G-2]	graph box	Box plots
[G-2]	graph close	Close Graph windows
[G-2]	graph combine	Combine multiple graphs

[G-2]	graph copy	Copy graph in memory
[G-2]	graph describe	Describe contents of graph in memory or on disk
[G-2]	graph dir	List names of graphs in memory and on disk
[G-2]	graph display	Display graph stored in memory
[G-2]	graph dot	Dot charts (summary statistics)
[G-2]	graph drop	Drop graphs from memory
[G-2]	graph export	Export current graph
[G-2]	graph manipulation	Graph manipulation commands
[G-2]	graph matrix	Matrix graphs
[G-2]	graph other	Other graphics commands
[G-2]	graph pie	Pie charts
[G-2]	graph play	Apply edits from a recording on current graph
[G-2]	graph print	Print a graph
[G-2]	graph query	List available schemes and styles
[G-2]	graph rename	Rename graph in memory
[G-2]	graph replay	Replay multiple graphs
[G-2]	graph save	Save graph to disk
[G-2]	graph set	Set graphics options
[G-2]	graph twoway	Twoway graphs
[G-2]	graph twoway area	Twoway line plot with area shading
[G-2]	graph twoway bar	Twoway bar plots
[G-2]	graph twoway connected	Twoway connected plots
[G-2]	graph twoway contour	Twoway contour plot with area shading
[G-2]	graph twoway contourline	Twoway contour-line plot
[G-2]	graph twoway dot	Twoway dot plots
[G-2]	graph twoway dropline	Twoway dropped-line plots
[G-2]	graph twoway ffit	Twoway fractional-polynomial prediction plots
[G-2]	graph twoway fffitci	Twoway fractional-polynomial prediction plots with CIs
[G-2]	graph twoway function	Twoway line plot of function
[G-2]	graph twoway histogram	Histogram plots
[G-2]	graph twoway kdensity	Kernel density plots
[G-2]	graph twoway lfit	Twoway linear prediction plots
[G-2]	graph twoway lfitci	Twoway linear prediction plots with CIs
[G-2]	graph twoway line	Twoway line plots
[G-2]	graph twoway lowess	Local linear smooth plots
[G-2]	graph twoway lpoly	Local polynomial smooth plots
[G-2]	graph twoway lpolyci	Local polynomial smooth plots with CIs
[G-2]	graph twoway mband	Twoway median-band plots
[G-2]	graph twoway mspline	Twoway median-spline plots
[G-2]	graph twoway parrow	Paired-coordinate plot with arrows
[G-2]	graph twoway parrowi	Twoway parrow with immediate arguments
[G-2]	graph twoway pccapsym	Paired-coordinate plot with spikes and marker symbols
[G-2]	graph twoway pci	Twoway paired-coordinate plot with immediate arguments
[G-2]	graph twoway pcscatter	Paired-coordinate plot with markers
[G-2]	graph twoway pcspike	Paired-coordinate plot with spikes
[G-2]	graph twoway qfit	Twoway quadratic prediction plots
[G-2]	graph twoway qfitci	Twoway quadratic prediction plots with CIs
[G-2]	graph twoway rarea	Range plot with area shading
[G-2]	graph twoway rbar	Range plot with bars
[G-2]	graph twoway reap	Range plot with capped spikes
[G-2]	graph twoway rcapsym	Range plot with spikes capped with marker symbols

[G-2]	graph twoway rconnected	Range plot with connected lines
[G-2]	graph twoway rline	Range plot with lines
[G-2]	graph twoway rscatter	Range plot with markers
[G-2]	graph twoway rspike	Range plot with spikes
[G-2]	graph twoway scatter	Two-way scatterplots
[G-2]	graph twoway scatteri	Scatter with immediate arguments
[G-2]	graph twoway spike	Two-way spike plots
[G-2]	graph twoway tline	Two-way line plots
[G-2]	graph use	Display graph stored on disk
[R]	histogram	Histograms for continuous and categorical variables
[R]	marginsplot	Graph results from margins (profile plots, etc.)
[G-2]	palette	Display palettes of available selections

Distributional graphs

[R]	cumul	Cumulative distribution
[R]	diagnostic plots	Distributional diagnostic plots
[R]	dotplot	Comparative scatterplots
[R]	histogram	Histograms for continuous and categorical variables
[R]	ladder	Ladder of powers
[R]	spikeplot	Spike plots and rootograms
[R]	sunflower	Density-distribution sunflower plots

Item response theory graphs

[MV]	biplot	Biplots
[IRT]	irtgraph icc	Item characteristic curve plot
[IRT]	irtgraph iif	Item information function plot
[IRT]	irtgraph tcc	Test characteristic curve plot
[IRT]	irtgraph tif	Test information function plot

Multivariate graphs

[MV]	biplot	Biplots
[MV]	ca postestimation	Postestimation tools for ca and camat
[MV]	ca postestimation plots	Postestimation plots for ca and camat
[MV]	cluster dendrogram	Dendrograms for hierarchical cluster analysis
[MV]	mca postestimation	Postestimation tools for mca
[MV]	mca postestimation plots	Postestimation plots for mca
[MV]	mds postestimation	Postestimation tools for mds, mdsmat, and mdslong
[MV]	mds postestimation plots	Postestimation plots for mds, mdsmat, and mdslong
[MV]	procrustes postestimation	Postestimation tools for procrustes
[MV]	scoreplot	Score and loading plots
[MV]	screepplot	Scree plot

Quality control

[R]	cusum	Cusum plots and tests for binary variables
[R]	qc	Quality control charts
[R]	serrbar	Graph standard error bar chart

Regression diagnostic plots

[R]	regress postestimation diagnostic plots	Postestimation plots for regress
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ROC analysis

[R]	estat classification	Classification statistics and table
[R]	estat gof	Pearson or Hosmer–Lemeshow goodness-of-fit test
[R]	logistic postestimation	Postestimation tools for logistic
[R]	lroc	Compute area under ROC curve and graph the curve
[R]	lsens	Graph sensitivity and specificity versus probability cutoff
[R]	roccomp	Tests of equality of ROC areas
[R]	rocfit postestimation	Postestimation tools for rocfit
[R]	rocregplot	Plot marginal and covariate-specific ROC curves after rocreg
[R]	roctab	Nonparametric ROC analysis

Smoothing and densities

[R]	kdensity	Univariate kernel density estimation
[R]	lowess	Lowess smoothing
[R]	lpoly	Kernel-weighted local polynomial smoothing

Survival-analysis graphs

[ST]	ltable	Life tables for survival data
[ST]	stci	Confidence intervals for means and percentiles of survival time
[ST]	stcox PH-assumption tests	Tests of proportional-hazards assumption
[ST]	stcurve	Plot survivor, hazard, cumulative hazard, or cumulative incidence function
[ST]	strate	Tabulate failure rates and rate ratios
[ST]	sts graph	Graph the survivor, hazard, or cumulative hazard function

Time-series graphs

[TS]	corrgram	Tabulate and graph autocorrelations
[TS]	cumsp	Cumulative spectral distribution
[TS]	estat acplot	Plot parametric autocorrelation and autocovariance functions
[TS]	estat aroots	Check the stability condition of ARIMA estimates
[TS]	fcast graph	Graph forecasts after fcast compute
[TS]	irf cgraph	Combined graphs of IRFs, dynamic-multiplier functions, and FEVDs
[TS]	irf graph	Graphs of IRFs, dynamic-multiplier functions, and FEVDs
[TS]	irf ograph	Overlaid graphs of IRFs, dynamic-multiplier functions, and FEVDs
[TS]	pergram	Periodogram
[TS]	tsline	Plot time-series data
[TS]	varstable	Check the stability condition of VAR or SVAR estimates
[TS]	vecstable	Check the stability condition of VECM estimates
[TS]	wntestb	Bartlett's periodogram-based test for white noise
[TS]	xcorr	Cross-correlogram for bivariate time series

More statistical graphs

[BAYES]	bayesgraph	Graphical summaries and convergence diagnostics
[R]	epitab	Tables for epidemiologists
[R]	fp postestimation	Postestimation tools for fp
[R]	grmeanby	Graph means and medians by categorical variables
[R]	pkexamine	Calculate pharmacokinetic measures
[R]	pksumm	Summarize pharmacokinetic data
[PSS]	power, graph	Graph results from the power command

[R]	stem	Stem-and-leaf displays
[TE]	teffects overlap	Overlap plots
[XT]	xtline	Panel-data line plots

Editing

[G-1]	graph editor	Graph Editor
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Graph utilities

[G-2]	set graphics	Set whether graphs are displayed
[G-2]	set printcolor	Set how colors are treated when graphs are printed
[G-2]	set scheme	Set default scheme

Graph schemes

[G-4]	schemes intro	Introduction to schemes
[G-4]	scheme economist	Scheme description: economist
[G-4]	scheme s1	Scheme description: s1 family
[G-4]	scheme s2	Scheme description: s2 family
[G-4]	scheme sj	Scheme description: sj

Graph concepts

[G-4]	concept: gph files	Using gph files
[G-4]	concept: lines	Using lines
[G-4]	concept: repeated options	Interpretation of repeated options
[G-4]	text	Text in graphs

Statistics

ANOVA and related

[U]	Chapter 26	Overview of Stata estimation commands
[R]	anova	Analysis of variance and covariance
[R]	contrast	Contrasts and linear hypothesis tests after estimation
[R]	icc	Intraclass correlation coefficients
[R]	loneway	Large one-way ANOVA, random effects, and reliability
[MV]	manova	Multivariate analysis of variance and covariance
[ME]	meglm	Multilevel mixed-effects generalized linear model
[ME]	mixed	Multilevel mixed-effects linear regression
[R]	oneway	One-way analysis of variance
[R]	pkcross	Analyze crossover experiments
[R]	pkshape	Reshape (pharmacokinetic) Latin-square data
[R]	pwcompare	Pairwise comparisons
[R]	regress	Linear regression
[XT]	xtreg	Fixed-, between-, and random-effects and population-averaged linear models

Basic statistics

[R]	anova	Analysis of variance and covariance
[R]	bitest	Binomial probability test
[R]	ci	Confidence intervals for means, proportions, and counts
[R]	correlate	Correlations (covariances) of variables or coefficients
[D]	egen	Extensions to generate

[R]	<code>esize</code>	Effect size based on mean comparison
[R]	<code>icc</code>	Intraclass correlation coefficients
[R]	<code>mean</code>	Estimate means
[R]	<code>misstable</code>	Tabulate missing values
[MV]	<code>mvtest</code>	Multivariate tests
[R]	<code>oneway</code>	One-way analysis of variance
[R]	<code>proportion</code>	Estimate proportions
[R]	<code>prtest</code>	Tests of proportions
[R]	<code>pwmean</code>	Pairwise comparisons of means
[R]	<code>ranksum</code>	Equality tests on unmatched data
[R]	<code>ratio</code>	Estimate ratios
[R]	<code>regress</code>	Linear regression
[R]	<code>sdtest</code>	Variance-comparison tests
[R]	<code>signrank</code>	Equality tests on matched data
[D]	<code>statsby</code>	Collect statistics for a command across a by list
[R]	<code>summarize</code>	Summary statistics
[R]	<code>table</code>	Flexible table of summary statistics
[R]	<code>tabstat</code>	Compact table of summary statistics
[R]	<code>tabulate oneway</code>	One-way table of frequencies
[R]	<code>tabulate twoway</code>	Two-way table of frequencies
[R]	<code>tabulate, summarize()</code>	One- and two-way tables of summary statistics
[R]	<code>total</code>	Estimate totals
[R]	<code>ttest</code>	t tests (mean-comparison tests)
[R]	<code>ztest</code>	z tests (mean-comparison tests, known variance)

Bayesian analysis

[BAYES]	<code>bayes</code>	Introduction to commands for Bayesian analysis
[BAYES]	<code>bayesgraph</code>	Graphical summaries and convergence diagnostics
[BAYES]	<code>bayesmh</code>	Bayesian regression using Metropolis–Hastings algorithm
[BAYES]	<code>bayesmh evaluators</code>	User-defined evaluators with <code>bayesmh</code>
[BAYES]	<code>bayesmh postestimation</code>	Postestimation tools for <code>bayesmh</code>
[BAYES]	<code>bayesstats</code>	Bayesian statistics after <code>bayesmh</code>
[BAYES]	<code>bayesstats ess</code>	Effective sample sizes and related statistics
[BAYES]	<code>bayesstats ic</code>	Bayesian information criteria and Bayes factors
[BAYES]	<code>bayesstats summary</code>	Bayesian summary statistics
[BAYES]	<code>bayestest</code>	Bayesian hypothesis testing
[BAYES]	<code>bayestest interval</code>	Interval hypothesis testing
[BAYES]	<code>bayestest model</code>	Hypothesis testing using model posterior probabilities

Binary outcomes

[U]	Chapter 20	Estimation and postestimation commands
[U]	Section 26.7	Binary-outcome qualitative dependent-variable models
[R]	<code>binreg</code>	Generalized linear models: Extensions to the binomial family
[R]	<code>biprobit</code>	Bivariate probit regression
[R]	<code>cloglog</code>	Complementary log-log regression
[TE]	<code>eteffects</code>	Endogenous treatment-effects estimation
[R]	<code>exlogistic</code>	Exact logistic regression
[R]	<code>glm</code>	Generalized linear models
[R]	<code>heckprobit</code>	Probit model with sample selection
[R]	<code>hetprobit</code>	Heteroskedastic probit model
[IRT]	<code>irt 1pl</code>	One-parameter logistic model

[IRT]	irt 2pl	Two-parameter logistic model
[IRT]	irt 3pl	Three-parameter logistic model
[IRT]	irt hybrid	Hybrid IRT models
[R]	ivprobit	Probit model with continuous endogenous covariates
[R]	logistic	Logistic regression, reporting odds ratios
[R]	logit	Logistic regression, reporting coefficients
[ME]	mecloglog	Multilevel mixed-effects complementary log-log regression
[ME]	melogit	Multilevel mixed-effects logistic regression
[ME]	meprobit	Multilevel mixed-effects probit regression
[ME]	meqlogit	Multilevel mixed-effects logistic regression (QR decomposition)
[R]	probit	Probit regression
[R]	rocfit	Parametric ROC models
[R]	rocreg	Receiver operating characteristic (ROC) regression
[R]	scobit	Skewed logistic regression
[TE]	teffects aipw	Augmented inverse-probability weighting
[TE]	teffects ipw	Inverse-probability weighting
[TE]	teffects ipwra	Inverse-probability-weighted regression adjustment
[TE]	teffects nnmatch	Nearest-neighbor matching
[TE]	teffects psmatch	Propensity-score matching
[TE]	teffects ra	Regression adjustment
[XT]	xtcloglog	Random-effects and population-averaged cloglog models
[XT]	xtlogit	Fixed-effects, random-effects, and population-averaged logit models
[XT]	xtprobit	Random-effects and population-averaged probit models

Categorical outcomes

[U]	Chapter 20	Estimation and postestimation commands
[U]	Section 26.11	Multiple-outcome qualitative dependent-variable models
[R]	asclogit	Alternative-specific conditional logit (McFadden's choice) model
[R]	asmprobit	Alternative-specific multinomial probit regression
[R]	clogit	Conditional (fixed-effects) logistic regression
[IRT]	irt nrm	Nominal response model
[R]	mlogit	Multinomial (polytomous) logistic regression
[R]	mprobit	Multinomial probit regression
[R]	nlogit	Nested logit regression
[R]	slogit	Stereotype logistic regression

Censored and truncated regression models

[R]	churdle	Cragg hurdle regression
[R]	cpoisson	Censored Poisson regression
[R]	heckman	Heckman selection model
[R]	heckprobit	Ordered probit model with sample selection
[R]	heckprobit	Probit model with sample selection
[R]	intreg	Interval regression
[ME]	mestreg	Multilevel mixed-effects parametric survival models
[ST]	streg	Parametric survival models
[TE]	stteffects	Treatment-effects estimation for observational survival-time data
[R]	tnbreg	Truncated negative binomial regression
[R]	tobit	Tobit regression
[R]	tpoisson	Truncated Poisson regression
[R]	truncreg	Truncated regression

[XT]	<code>xtintreg</code>	Random-effects interval-data regression models
[XT]	<code>xtstreg</code>	Random-effects parametric survival models
[XT]	<code>xttobit</code>	Random-effects tobit models

Cluster analysis

[U]	Section 26.28	Multivariate and cluster analysis
[MV]	<code>cluster</code>	Introduction to cluster-analysis commands
[MV]	<code>cluster dendrogram</code>	Dendrograms for hierarchical cluster analysis
[MV]	<code>cluster generate</code>	Generate summary or grouping variables from a cluster analysis
[MV]	<code>cluster kmeans</code> and <code>kmedians</code>	Kmeans and kmedians cluster analysis
[MV]	<code>cluster linkage</code>	Hierarchical cluster analysis
[MV]	<code>cluster notes</code>	Place notes in cluster analysis
[MV]	<code>cluster programming subroutines</code>	Add cluster-analysis routines
[MV]	<code>cluster programming utilities</code>	Cluster-analysis programming utilities
[MV]	<code>cluster stop</code>	Cluster-analysis stopping rules
[MV]	<code>cluster utility</code>	List, rename, use, and drop cluster analyses
[MV]	<code>clustermat</code>	Introduction to clustermat commands
[MV]	<code>matrix dissimilarity</code>	Compute similarity or dissimilarity measures
[MV]	<code>measure_option</code>	Option for similarity and dissimilarity measures
[MV]	<code>multivariate</code>	Introduction to multivariate commands

Correspondence analysis

[MV]	<code>ca</code>	Simple correspondence analysis
[MV]	<code>mca</code>	Multiple and joint correspondence analysis

Count outcomes

[U]	Chapter 20	Estimation and postestimation commands
[U]	Section 26.13	Count dependent-variable models
[U]	Section 26.20.5	Count dependent-variable models with panel data
[R]	<code>cpoisson</code>	Censored Poisson regression
[TE]	<code>eteffects</code>	Endogenous treatment-effects estimation
[TE]	<code>etpoisson</code>	Poisson regression with endogenous treatment effects
[R]	<code>exppoisson</code>	Exact Poisson regression
[ME]	<code>menbreg</code>	Multilevel mixed-effects negative binomial regression
[ME]	<code>mepoisson</code>	Multilevel mixed-effects Poisson regression
[ME]	<code>meqrpoisson</code>	Multilevel mixed-effects Poisson regression (QR decomposition)
[R]	<code>nbreg</code>	Negative binomial regression
[R]	<code>poisson</code>	Poisson regression
[TE]	<code>teffects aipw</code>	Augmented inverse-probability weighting
[TE]	<code>teffects ipw</code>	Inverse-probability weighting
[TE]	<code>teffects ipwra</code>	Inverse-probability-weighted regression adjustment
[TE]	<code>teffects nnmatch</code>	Nearest-neighbor matching
[TE]	<code>teffects psmatch</code>	Propensity-score matching
[TE]	<code>teffects ra</code>	Regression adjustment
[R]	<code>tnbreg</code>	Truncated negative binomial regression
[R]	<code>tpoisson</code>	Truncated Poisson regression
[XT]	<code>xtnbreg</code>	Fixed-effects, random-effects, & population-averaged negative binomial models
[XT]	<code>xtpoisson</code>	Fixed-effects, random-effects, and population-averaged Poisson models
[R]	<code>zinb</code>	Zero-inflated negative binomial regression
[R]	<code>zip</code>	Zero-inflated Poisson regression

Discriminant analysis

[MV]	<code>candisc</code>	Canonical linear discriminant analysis
[MV]	<code>discrim</code>	Discriminant analysis
[MV]	<code>discrim estat</code>	Postestimation tools for <code>discrim</code>
[MV]	<code>discrim knn</code>	kth-nearest-neighbor discriminant analysis
[MV]	<code>discrim lda</code>	Linear discriminant analysis
[MV]	<code>discrim logistic</code>	Logistic discriminant analysis
[MV]	<code>discrim qda</code>	Quadratic discriminant analysis
[MV]	<code>scoreplot</code>	Score and loading plots
[MV]	<code>screepplot</code>	Scree plot

Do-it-yourself generalized method of moments

[U]	Section 26.24	Generalized method of moments (GMM)
[R]	<code>gmm</code>	Generalized method of moments estimation
[P]	<code>matrix</code>	Introduction to matrix commands

Do-it-yourself maximum likelihood estimation

[P]	<code>matrix</code>	Introduction to matrix commands
[R]	<code>ml</code>	Maximum likelihood estimation
[R]	<code>mlexp</code>	Maximum likelihood estimation of user-specified expressions

Endogenous covariates

[U]	Chapter 20	Estimation and postestimation commands
[U]	Chapter 26	Overview of Stata estimation commands
[TE]	<code>eteffects</code>	Endogenous treatment-effects estimation
[TE]	<code>etpoisson</code>	Poisson regression with endogenous treatment effects
[TE]	<code>etregress</code>	Linear regression with endogenous treatment effects
[TS]	<code>forecast</code>	Econometric model forecasting
[R]	<code>gmm</code>	Generalized method of moments estimation
[R]	<code>ivpoisson</code>	Poisson model with continuous endogenous covariates
[R]	<code>ivprobit</code>	Probit model with continuous endogenous covariates
[R]	<code>ivregress</code>	Single-equation instrumental-variables regression
[R]	<code>ivtobit</code>	Tobit model with continuous endogenous covariates
[R]	<code>reg3</code>	Three-stage estimation for systems of simultaneous equations
[XT]	<code>xtabond</code>	Arellano–Bond linear dynamic panel-data estimation
[XT]	<code>xtdpd</code>	Linear dynamic panel-data estimation
[XT]	<code>xtdpdsys</code>	Arellano–Bover/Blundell–Bond linear dynamic panel-data estimation
[XT]	<code>xhtaylor</code>	Hausman–Taylor estimator for error-components models
[XT]	<code>xtivreg</code>	Instrumental variables and two-stage least squares for panel-data models

Epidemiology and related

[R]	<code>binreg</code>	Generalized linear models: Extensions to the binomial family
[R]	<code>brier</code>	Brier score decomposition
[R]	<code>clogit</code>	Conditional (fixed-effects) logistic regression
[R]	<code>dstdize</code>	Direct and indirect standardization
[R]	<code>epitab</code>	Tables for epidemiologists
[R]	<code>exlogistic</code>	Exact logistic regression
[D]	<code>icd</code>	Introduction to ICD commands
[D]	<code>icd10</code>	ICD-10 diagnosis codes
[D]	<code>icd9</code>	ICD-9-CM diagnosis and procedure codes

[R]	kappa	Interrater agreement
[R]	logistic	Logistic regression, reporting odds ratios
[R]	pk	Pharmacokinetic (biopharmaceutical) data
[R]	pkcollapse	Generate pharmacokinetic measurement dataset
[R]	pkcross	Analyze crossover experiments
[R]	pkequiv	Perform bioequivalence tests
[R]	pkexamine	Calculate pharmacokinetic measures
[R]	pkshape	Reshape (pharmacokinetic) Latin-square data
[R]	pksumm	Summarize pharmacokinetic data
[R]	poisson	Poisson regression
[R]	roc	Receiver operating characteristic (ROC) analysis
[R]	roccomp	Tests of equality of ROC areas
[R]	rocfit	Parametric ROC models
[R]	rocreg	Receiver operating characteristic (ROC) regression
[R]	roctab	Nonparametric ROC analysis
[R]	symmetry	Symmetry and marginal homogeneity tests
[R]	tabulate twoway	Two-way table of frequencies

Also see [Treatment effects](#)

Estimation related

[R]	BIC note	Calculating and interpreting BIC
[R]	constraint	Define and list constraints
[R]	eform_option	Displaying exponentiated coefficients
[R]	estimation options	Estimation options
[R]	fp	Fractional polynomial regression
[R]	maximize	Details of iterative maximization
[R]	mfp	Multivariable fractional polynomial models
[R]	mkspline	Linear and restricted cubic spline construction
[R]	stepwise	Stepwise estimation
[R]	vce_option	Variance estimators
[XT]	vce_options	Variance estimators

Exact statistics

[U]	Section 26.14	Exact estimators
[R]	bitest	Binomial probability test
[R]	centile	Report centile and confidence interval
[R]	ci	Confidence intervals for means, proportions, and counts
[R]	dstdize	Direct and indirect standardization
[R]	epitab	Tables for epidemiologists
[R]	exlogistic	Exact logistic regression
[R]	expoisson	Exact Poisson regression
[R]	ksmirnov	Kolmogorov–Smirnov equality-of-distributions test
[R]	loneway	Large one-way ANOVA, random effects, and reliability
[R]	ranksum	Equality tests on unmatched data
[R]	roctab	Nonparametric ROC analysis
[R]	symmetry	Symmetry and marginal homogeneity tests
[R]	tabulate twoway	Two-way table of frequencies
[R]	tetrachoric	Tetrachoric correlations for binary variables

Factor analysis and principal components

[MV]	alpha	.....	Compute interitem correlations (covariances) and Cronbach's alpha
[MV]	canon	.....	Canonical correlations
[MV]	factor	.....	Factor analysis
[MV]	pca	.....	Principal component analysis
[MV]	rotate	.....	Orthogonal and oblique rotations after factor and pca
[MV]	rotatemat	.....	Orthogonal and oblique rotations of a Stata matrix
[MV]	scoreplot	.....	Score and loading plots
[MV]	screepplot	.....	Scree plot
[R]	tetrachoric	.....	Tetrachoric correlations for binary variables

Fractional outcomes

[R]	betareg	.....	Beta regression
[TE]	eteffects	.....	Endogenous treatment-effects estimation
[R]	fracreg	.....	Fractional response regression
[TE]	teffects ipw	.....	Inverse-probability weighting
[TE]	teffects nnmatch	.....	Nearest-neighbor matching
[TE]	teffects psmatch	.....	Propensity-score matching

Generalized linear models

[U]	Chapter 20	.....	Estimation and postestimation commands
[U]	Section 26.6	.....	Generalized linear models
[R]	binreg	.....	Generalized linear models: Extensions to the binomial family
[R]	fracreg	.....	Fractional response regression
[R]	glm	.....	Generalized linear models
[XT]	xtgee	.....	Fit population-averaged panel-data models by using GEE

Indicator and categorical variables

[U]	Section 11.4.3	.....	Factor variables
[U]	Chapter 25	.....	Working with categorical data and factor variables
[R]	fvset	.....	Declare factor-variable settings

Item response theory

[U]	Section 26.12	.....	Item response theory
[IRT]	Control Panel	.....	IRT Control Panel
[IRT]	difmh	.....	Differential item functioning
[IRT]	estat report	.....	Report estimated IRT parameters
[IRT]	irt 1pl	.....	One-parameter logistic model
[IRT]	irt 2pl	.....	Two-parameter logistic model
[IRT]	irt 3pl	.....	Three-parameter logistic model
[IRT]	irt grm	.....	Graded response model
[IRT]	irt hybrid	.....	Hybrid IRT models
[IRT]	irt nrm	.....	Nominal response model
[IRT]	irt pcm	.....	Partial credit model
[IRT]	irt rsm	.....	Rating scale model
[IRT]	irtgraph icc	.....	Item characteristic curve plot
[IRT]	irtgraph iif	.....	Item information function plot
[IRT]	irtgraph tcc	.....	Test characteristic curve plot
[IRT]	irtgraph tif	.....	Test information function plot

Linear regression and related

[U]	Chapter 20	Estimation and postestimation commands
[U]	Chapter 26	Overview of Stata estimation commands
[R]	areg	Linear regression with a large dummy-variable set
[R]	cnsreg	Constrained linear regression
[R]	constraint	Define and list constraints
[R]	eivreg	Errors-in-variables regression
[TE]	etpoisson	Poisson regression with endogenous treatment effects
[TE]	etregress	Linear regression with endogenous treatment effects
[R]	fp	Fractional polynomial regression
[R]	frontier	Stochastic frontier models
[R]	glm	Generalized linear models
[R]	heckman	Heckman selection model
[R]	ivpoisson	Poisson model with continuous endogenous covariates
[R]	ivregress	Single-equation instrumental-variables regression
[R]	ivtobit	Tobit model with continuous endogenous covariates
[R]	lpoly	Kernel-weighted local polynomial smoothing
[ME]	meglm	Multilevel mixed-effects generalized linear model
[R]	mfp	Multivariable fractional polynomial models
[ME]	mixed	Multilevel mixed-effects linear regression
[MV]	mvreg	Multivariate regression
[R]	nestreg	Nested model statistics
[TS]	newey	Regression with Newey–West standard errors
[TS]	prais	Prais–Winsten and Cochrane–Orcutt regression
[R]	qreg	Quantile regression
[R]	reg3	Three-stage estimation for systems of simultaneous equations
[R]	regress	Linear regression
[R]	rocfit	Parametric ROC models
[R]	rreg	Robust regression
[ST]	stcox	Cox proportional hazards model
[ST]	stcrreg	Competing-risks regression
[R]	stepwise	Stepwise estimation
[ST]	streg	Parametric survival models
[R]	sureg	Zellner’s seemingly unrelated regression
[R]	tnbreg	Truncated negative binomial regression
[R]	vwls	Variance-weighted least squares
[XT]	xtabond	Arellano–Bond linear dynamic panel-data estimation
[XT]	xtdpd	Linear dynamic panel-data estimation
[XT]	xtdpdsys	Arellano–Bover/Blundell–Bond linear dynamic panel-data estimation
[XT]	xtgee	Fit population-averaged panel-data models by using GEE
[XT]	xtgls	Fit panel-data models by using GLS
[XT]	xthtaylor	Hausman–Taylor estimator for error-components models
[XT]	xtivreg	Instrumental variables and two-stage least squares for panel-data models
[XT]	xtpcse	Linear regression with panel-corrected standard errors
[XT]	xtrc	Random-coefficients model
[XT]	xtreg	Fixed-, between-, and random-effects and population-averaged linear models
[XT]	xtregar	Fixed- and random-effects linear models with an AR(1) disturbance
[XT]	xtstreg	Random-effects parametric survival models

Logistic and probit regression

[U]	Chapter 20	Estimation and postestimation commands
[U]	Chapter 26	Overview of Stata estimation commands
[R]	asclogit	Alternative-specific conditional logit (McFadden's choice) model
[R]	asmprobit	Alternative-specific multinomial probit regression
[R]	asroprobit	Alternative-specific rank-ordered probit regression
[R]	biprobit	Bivariate probit regression
[R]	clogit	Conditional (fixed-effects) logistic regression
[R]	cloglog	Complementary log-log regression
[R]	exlogistic	Exact logistic regression
[R]	heckoprobit	Ordered probit model with sample selection
[R]	heckprobit	Probit model with sample selection
[R]	hetprobit	Heteroskedastic probit model
[IRT]	irt 1pl	One-parameter logistic model
[IRT]	irt 2pl	Two-parameter logistic model
[IRT]	irt 3pl	Three-parameter logistic model
[IRT]	irt grm	Graded response model
[IRT]	irt hybrid	Hybrid IRT models
[IRT]	irt nrm	Nominal response model
[IRT]	irt pcm	Partial credit model
[IRT]	irt rsm	Rating scale model
[R]	ivprobit	Probit model with continuous endogenous covariates
[R]	logistic	Logistic regression, reporting odds ratios
[R]	logit	Logistic regression, reporting coefficients
[ME]	melogit	Multilevel mixed-effects logistic regression
[ME]	meologit	Multilevel mixed-effects ordered logistic regression
[ME]	meoprobit	Multilevel mixed-effects ordered probit regression
[ME]	meprobit	Multilevel mixed-effects probit regression
[ME]	meqrlogit	Multilevel mixed-effects logistic regression (QR decomposition)
[R]	mlogit	Multinomial (polytomous) logistic regression
[R]	mprobit	Multinomial probit regression
[R]	nlogit	Nested logit regression
[R]	ologit	Ordered logistic regression
[R]	oprobit	Ordered probit regression
[R]	probit	Probit regression
[R]	rologit	Rank-ordered logistic regression
[R]	scobit	Skewed logistic regression
[R]	slogit	Stereotype logistic regression
[XT]	xtcloglog	Random-effects and population-averaged cloglog models
[XT]	xtgee	Fit population-averaged panel-data models by using GEE
[XT]	xtlogit	Fixed-effects, random-effects, and population-averaged logit models
[XT]	xtologit	Random-effects ordered logistic models
[XT]	xtoprobit	Random-effects ordered probit models
[XT]	xtprobit	Random-effects and population-averaged probit models

Longitudinal data/panel data

[U]	Chapter 20	Estimation and postestimation commands
[U]	Section 26.20	Panel-data models
[ME]	meologit	Multilevel mixed-effects ordered logistic regression
[ME]	meoprobit	Multilevel mixed-effects ordered probit regression
[ME]	mepoisson	Multilevel mixed-effects Poisson regression

[ME]	meprobit	Multilevel mixed-effects probit regression
[ME]	meqrpoisson	Multilevel mixed-effects Poisson regression (QR decomposition)
[ME]	mixed	Multilevel mixed-effects linear regression
[XT]	quadchk	Check sensitivity of quadrature approximation
[XT]	xt	Introduction to xt commands
[XT]	xtabond	Arellano–Bond linear dynamic panel-data estimation
[XT]	xtcloglog	Random-effects and population-averaged cloglog models
[XT]	xtdata	Faster specification searches with xt data
[XT]	xtdescribe	Describe pattern of xt data
[XT]	xtdpd	Linear dynamic panel-data estimation
[XT]	xtdpdsys	Arellano–Bover/Blundell–Bond linear dynamic panel-data estimation
[XT]	xtfrontier	Stochastic frontier models for panel data
[XT]	xtgee	Fit population-averaged panel-data models by using GEE
[XT]	xtgls	Fit panel-data models by using GLS
[XT]	xhtaylor	Hausman–Taylor estimator for error-components models
[XT]	xtintreg	Random-effects interval-data regression models
[XT]	xtivreg	Instrumental variables and two-stage least squares for panel-data models
[XT]	xtline	Panel-data line plots
[XT]	xtlogit	Fixed-effects, random-effects, and population-averaged logit models
[XT]	xtnbreg	Fixed-effects, random-effects, & population-averaged negative binomial models
[XT]	xtologit	Random-effects ordered logistic models
[XT]	xtoprobit	Random-effects ordered probit models
[XT]	xtpcse	Linear regression with panel-corrected standard errors
[XT]	xtpoisson	Fixed-effects, random-effects, and population-averaged Poisson models
[XT]	xtprobit	Random-effects and population-averaged probit models
[XT]	xtrc	Random-coefficients model
[XT]	xtreg	Fixed-, between-, and random-effects and population-averaged linear models
[XT]	xtregar	Fixed- and random-effects linear models with an AR(1) disturbance
[XT]	xtset	Declare data to be panel data
[XT]	xtstreg	Random-effects parametric survival models
[XT]	xtsum	Summarize xt data
[XT]	xttab	Tabulate xt data
[XT]	xttobit	Random-effects tobit models
[XT]	xtunitroot	Panel-data unit-root tests

Mixed models

[U]	Chapter 20	Estimation and postestimation commands
[U]	Section 26.21	Multilevel mixed-effects models
[R]	anova	Analysis of variance and covariance
[R]	icc	Intraclass correlation coefficients
[MV]	manova	Multivariate analysis of variance and covariance
[ME]	me	Introduction to multilevel mixed-effects models
[ME]	mecloglog	Multilevel mixed-effects complementary log-log regression
[ME]	meglm	Multilevel mixed-effects generalized linear model
[ME]	melogit	Multilevel mixed-effects logistic regression
[ME]	menbreg	Multilevel mixed-effects negative binomial regression
[ME]	meologit	Multilevel mixed-effects ordered logistic regression
[ME]	meoprobit	Multilevel mixed-effects ordered probit regression
[ME]	mepoisson	Multilevel mixed-effects Poisson regression
[ME]	meprobit	Multilevel mixed-effects probit regression
[ME]	meqrlogit	Multilevel mixed-effects logistic regression (QR decomposition)

[ME]	meqrpoisson	.....	Multilevel mixed-effects Poisson regression (QR decomposition)
[ME]	mestreg	.....	Multilevel mixed-effects parametric survival models
[ME]	mixed	.....	Multilevel mixed-effects linear regression
[XT]	xtcloglog	.....	Random-effects and population-averaged cloglog models
[XT]	xtintreg	.....	Random-effects interval-data regression models
[XT]	xtlogit	.....	Fixed-effects, random-effects, and population-averaged logit models
[XT]	xtologit	.....	Random-effects ordered logistic models
[XT]	xtoprobit	.....	Random-effects ordered probit models
[XT]	xtprobit	.....	Random-effects and population-averaged probit models
[XT]	xtrc	.....	Random-coefficients model
[XT]	xtreg	Fixed-, between-, and random-effects and population-averaged linear models	
[XT]	xttobit	.....	Random-effects tobit models

Multidimensional scaling and biplots

[MV]	biplot	.....	Biplots
[MV]	mds	.....	Multidimensional scaling for two-way data
[MV]	mdslong	.....	Multidimensional scaling of proximity data in long format
[MV]	mdsmat	.....	Multidimensional scaling of proximity data in a matrix
[MV]	measure_option	.....	Option for similarity and dissimilarity measures

Multilevel mixed-effects models

[U]	Section 26.21	.....	Multilevel mixed-effects models
[ME]	me	.....	Introduction to multilevel mixed-effects models
[ME]	mecloglog	.....	Multilevel mixed-effects complementary log-log regression
[ME]	meglm	.....	Multilevel mixed-effects generalized linear model
[ME]	melogit	.....	Multilevel mixed-effects logistic regression
[ME]	menbreg	.....	Multilevel mixed-effects negative binomial regression
[ME]	meologit	.....	Multilevel mixed-effects ordered logistic regression
[ME]	meoprobit	.....	Multilevel mixed-effects ordered probit regression
[ME]	mepoisson	.....	Multilevel mixed-effects Poisson regression
[ME]	meprobit	.....	Multilevel mixed-effects probit regression
[ME]	meqrlogit	.....	Multilevel mixed-effects logistic regression (QR decomposition)
[ME]	meqrpoisson	.....	Multilevel mixed-effects Poisson regression (QR decomposition)
[ME]	mestreg	.....	Multilevel mixed-effects parametric survival models
[ME]	mixed	.....	Multilevel mixed-effects linear regression

Multiple imputation

[U]	Section 26.27	.....	Multiple imputation
[MI]	estimation	.....	Estimation commands for use with mi estimate
[MI]	intro substantive	.....	Introduction to multiple-imputation analysis
[MI]	mi estimate	.....	Estimation using multiple imputations
[MI]	mi estimate using	.....	Estimation using previously saved estimation results
[MI]	mi estimate postestimation	.....	Postestimation tools for mi estimate
[MI]	mi impute	.....	Impute missing values
[MI]	mi impute chained	.....	Impute missing values using chained equations
[MI]	mi impute intreg	.....	Impute using interval regression
[MI]	mi impute logit	.....	Impute using logistic regression
[MI]	mi impute mlogit	.....	Impute using multinomial logistic regression
[MI]	mi impute monotone	.....	Impute missing values in monotone data
[MI]	mi impute mvn	.....	Impute using multivariate normal regression
[MI]	mi impute nbreg	.....	Impute using negative binomial regression

[MI]	mi impute ologit	Impute using ordered logistic regression
[MI]	mi impute pmm	Impute using predictive mean matching
[MI]	mi impute poisson	Impute using Poisson regression
[MI]	mi impute regress	Impute using linear regression
[MI]	mi impute truncreg	Impute using truncated regression
[MI]	mi predict	Obtain multiple-imputation predictions
[MI]	mi test	Test hypotheses after mi estimate

Multivariate analysis of variance and related techniques

[U]	Section 26.28	Multivariate and cluster analysis
[MV]	canon	Canonical correlations
[MV]	hotelling	Hotelling's T-squared generalized means test
[MV]	manova	Multivariate analysis of variance and covariance
[MV]	mvreg	Multivariate regression
[MV]	mvttest covariances	Multivariate tests of covariances
[MV]	mvttest means	Multivariate tests of means

Nonlinear regression

[R]	boxcox	Box–Cox regression models
[R]	nl	Nonlinear least-squares estimation
[R]	nlsur	Estimation of nonlinear systems of equations

Nonparametric statistics

[R]	bitest	Binomial probability test
[R]	bootstrap	Bootstrap sampling and estimation
[R]	bsample	Sampling with replacement
[R]	bstat	Report bootstrap results
[R]	centile	Report centile and confidence interval
[R]	cusum	Cusum plots and tests for binary variables
[R]	kdensity	Univariate kernel density estimation
[R]	ksmirnov	Kolmogorov–Smirnov equality-of-distributions test
[R]	kwallis	Kruskal–Wallis equality-of-populations rank test
[R]	lowess	Lowess smoothing
[R]	lpoly	Kernel-weighted local polynomial smoothing
[R]	nptrend	Test for trend across ordered groups
[R]	prtest	Tests of proportions
[R]	qreg	Quantile regression
[R]	ranksum	Equality tests on unmatched data
[R]	roc	Receiver operating characteristic (ROC) analysis
[R]	roccomp	Tests of equality of ROC areas
[R]	rocreg	Receiver operating characteristic (ROC) regression
[R]	rocregplot	Plot marginal and covariate-specific ROC curves after rocreg
[R]	roctab	Nonparametric ROC analysis
[R]	runtest	Test for random order
[R]	signrank	Equality tests on matched data
[R]	simulate	Monte Carlo simulations
[R]	smooth	Robust nonlinear smoother
[R]	spearman	Spearman's and Kendall's correlations
[R]	symmetry	Symmetry and marginal homogeneity tests
[R]	tabulate twoway	Two-way table of frequencies

Ordinal outcomes

[U]	Chapter 20	Estimation and postestimation commands
[R]	asprobit	Alternative-specific rank-ordered probit regression
[R]	heckprobit	Ordered probit model with sample selection
[IRT]	irt grm	Graded response model
[IRT]	irt pcm	Partial credit model
[IRT]	irt rsm	Rating scale model
[ME]	meologit	Multilevel mixed-effects ordered logistic regression
[ME]	meoprobit	Multilevel mixed-effects ordered probit regression
[R]	ologit	Ordered logistic regression
[R]	oprobit	Ordered probit regression
[R]	rologit	Rank-ordered logistic regression
[XT]	xtologit	Random-effects ordered logistic models
[XT]	xtoprobit	Random-effects ordered probit models

Other statistics

[MV]	alpha	Compute interitem correlations (covariances) and Cronbach's alpha
[R]	ameans	Arithmetic, geometric, and harmonic means
[R]	brier	Brier score decomposition
[R]	centile	Report centile and confidence interval
[R]	kappa	Interrater agreement
[MV]	mvtest correlations	Multivariate tests of correlations
[R]	pcorr	Partial and semipartial correlation coefficients
[D]	pctile	Create variable containing percentiles
[D]	range	Generate numerical range

Pharmacokinetic statistics

[U]	Section 26.29	Pharmacokinetic data
[R]	pk	Pharmacokinetic (biopharmaceutical) data
[R]	pkcollapse	Generate pharmacokinetic measurement dataset
[R]	pkcross	Analyze crossover experiments
[R]	pkequiv	Perform bioequivalence tests
[R]	pkexamine	Calculate pharmacokinetic measures
[R]	pkshape	Reshape (pharmacokinetic) Latin-square data
[R]	pksumm	Summarize pharmacokinetic data

Power and sample size

[U]	Section 26.31	Power and sample-size analysis
[PSS]	GUI	Graphical user interface for power and sample-size analysis
[PSS]	power	Power and sample-size analysis for hypothesis tests
[PSS]	power cmh	Power and sample size for the Cochran–Mantel–Haenszel test
[PSS]	power cox	Power analysis for the Cox proportional hazards model
[PSS]	power exponential	Power analysis for the exponential test
[PSS]	power logrank	Power analysis for the log-rank test
[PSS]	power mcc	Power analysis for matched case–control studies
[PSS]	power onecorrelation	Power analysis for a one-sample correlation test
[PSS]	power onemean	Power analysis for a one-sample mean test
[PSS]	power oneproportion	Power analysis for a one-sample proportion test
[PSS]	power onevariance	Power analysis for a one-sample variance test
[PSS]	power oneway	Power analysis for one-way analysis of variance

[PSS]	power pairedmeans	Power analysis for a two-sample paired-means test
[PSS]	power pairedproportions	Power analysis for a two-sample paired-proportions test
[PSS]	power repeated	Power analysis for repeated-measures analysis of variance
[PSS]	power trend	Power analysis for the Cochran–Armitage trend test
[PSS]	power twocorrelations	Power analysis for a two-sample correlations test
[PSS]	power twomeans	Power analysis for a two-sample means test
[PSS]	power twoproportions	Power analysis for a two-sample proportions test
[PSS]	power twovariances	Power analysis for a two-sample variances test
[PSS]	power twoway	Power analysis for two-way analysis of variance
[PSS]	unbalanced designs	Specifications for unbalanced designs

Quality control

[R]	cusum	Cusum plots and tests for binary variables
[R]	qc	Quality control charts
[R]	serrbar	Graph standard error bar chart

ROC analysis

[U]	Section 26.8	ROC analysis
[R]	roc	Receiver operating characteristic (ROC) analysis
[R]	roccomp	Tests of equality of ROC areas
[R]	rocfits	Parametric ROC models
[R]	rocfits postestimation	Postestimation tools for rocfits
[R]	roclog	Receiver operating characteristic (ROC) regression
[R]	roclog postestimation	Postestimation tools for roclog
[R]	roclogplot	Plot marginal and covariate-specific ROC curves after roclog
[R]	roctab	Nonparametric ROC analysis

Rotation

[MV]	procrustes	Procrustes transformation
[MV]	rotate	Orthogonal and oblique rotations after factor and pca
[MV]	rotatemat	Orthogonal and oblique rotations of a Stata matrix

Sample selection models

[U]	Chapter 20	Estimation and postestimation commands
[U]	Section 26.18	Models with endogenous sample selection
[TE]	etpoisson	Poisson regression with endogenous treatment effects
[TE]	etregress	Linear regression with endogenous treatment effects
[R]	heckman	Heckman selection model
[R]	heckoprobit	Ordered probit model with sample selection
[R]	heckoprobit	Probit model with sample selection

Simulation/resampling

[R]	bootstrap	Bootstrap sampling and estimation
[R]	bsample	Sampling with replacement
[R]	jackknife	Jackknife estimation
[R]	permute	Monte Carlo permutation tests
[R]	simulate	Monte Carlo simulations

Standard postestimation tests, tables, and other analyses

[U]	Section 13.5	Accessing coefficients and standard errors
[U]	Chapter 20	Estimation and postestimation commands
[R]	contrast	Contrasts and linear hypothesis tests after estimation
[R]	correlate	Correlations (covariances) of variables or coefficients
[R]	estat	Postestimation statistics
[R]	estat ic	Display information criteria
[R]	estat summarize	Summarize estimation sample
[R]	estat vce	Display covariance matrix estimates
[R]	estimates	Save and manipulate estimation results
[R]	estimates describe	Describe estimation results
[R]	estimates for	Repeat postestimation command across models
[R]	estimates notes	Add notes to estimation results
[R]	estimates replay	Redisplay estimation results
[R]	estimates save	Save and use estimation results
[R]	estimates stats	Model-selection statistics
[R]	estimates store	Store and restore estimation results
[R]	estimates table	Compare estimation results
[R]	estimates title	Set title for estimation results
[TS]	forecast	Econometric model forecasting
[TS]	forecast adjust	Adjust a variable by add factoring, replacing, etc.
[TS]	forecast clear	Clear current model from memory
[TS]	forecast coefvector	Specify an equation via a coefficient vector
[TS]	forecast create	Create a new forecast model
[TS]	forecast describe	Describe features of the forecast model
[TS]	forecast drop	Drop forecast variables
[TS]	forecast estimates	Add estimation results to a forecast model
[TS]	forecast exogenous	Declare exogenous variables
[TS]	forecast identity	Add an identity to a forecast model
[TS]	forecast list	List forecast commands composing current model
[TS]	forecast query	Check whether a forecast model has been started
[TS]	forecast solve	Obtain static and dynamic forecasts
[R]	hausman	Hausman specification test
[R]	lincom	Linear combinations of parameters
[R]	linktest	Specification link test for single-equation models
[R]	lrtest	Likelihood-ratio test after estimation
[R]	margins	Marginal means, predictive margins, and marginal effects
[R]	margins, contrast	Contrasts of margins
[R]	margins, pwcompare	Pairwise comparisons of margins
[R]	marginsplot	Graph results from margins (profile plots, etc.)
[MV]	mvtest	Multivariate tests
[R]	nlcom	Nonlinear combinations of estimators
[R]	postest	Postestimation Selector
[R]	predict	Obtain predictions, residuals, etc., after estimation
[R]	predictnl	Obtain nonlinear predictions, standard errors, etc., after estimation
[R]	pwcompare	Pairwise comparisons
[R]	suest	Seemingly unrelated estimation
[R]	test	Test linear hypotheses after estimation
[R]	testnl	Test nonlinear hypotheses after estimation

Structural equation modeling

[U]	Section 26.4	Structural equation modeling (SEM)
[SEM]	Builder	SEM Builder
[SEM]	Builder, generalized	SEM Builder for generalized models
[SEM]	estat eform	Display exponentiated coefficients
[SEM]	estat eqgof	Equation-level goodness-of-fit statistics
[SEM]	estat eqtest	Equation-level test that all coefficients are zero
[SEM]	estat framework	Display estimation results in modeling framework
[SEM]	estat ggof	Group-level goodness-of-fit statistics
[SEM]	estat ginvariant	Tests for invariance of parameters across groups
[SEM]	estat gof	Goodness-of-fit statistics
[SEM]	estat mindices	Modification indices
[SEM]	estat residuals	Display mean and covariance residuals
[SEM]	estat scoretests	Score tests
[SEM]	estat stable	Check stability of nonrecursive system
[SEM]	estat stdize	Test standardized parameters
[SEM]	estat summarize	Report summary statistics for estimation sample
[SEM]	estat teffects	Decomposition of effects into total, direct, and indirect
[SEM]	example 1	Single-factor measurement model
[SEM]	example 2	Creating a dataset from published covariances
[SEM]	example 3	Two-factor measurement model
[SEM]	example 4	Goodness-of-fit statistics
[SEM]	example 5	Modification indices
[SEM]	example 6	Linear regression
[SEM]	example 7	Nonrecursive structural model
[SEM]	example 8	Testing that coefficients are equal, and constraining them
[SEM]	example 9	Structural model with measurement component
[SEM]	example 10	MIMIC model
[SEM]	example 11	estat framework
[SEM]	example 12	Seemingly unrelated regression
[SEM]	example 13	Equation-level Wald test
[SEM]	example 14	Predicted values
[SEM]	example 15	Higher-order CFA
[SEM]	example 16	Correlation
[SEM]	example 17	Correlated uniqueness model
[SEM]	example 18	Latent growth model
[SEM]	example 19	Creating multiple-group summary statistics data
[SEM]	example 20	Two-factor measurement model by group
[SEM]	example 21	Group-level goodness of fit
[SEM]	example 22	Testing parameter equality across groups
[SEM]	example 23	Specifying parameter constraints across groups
[SEM]	example 24	Reliability
[SEM]	example 25	Creating summary statistics data from raw data
[SEM]	example 26	Fitting a model with data missing at random
[SEM]	example 27g	Single-factor measurement model (generalized response)
[SEM]	example 28g	One-parameter logistic IRT (Rasch) model
[SEM]	example 29g	Two-parameter logistic IRT model
[SEM]	example 30g	Two-level measurement model (multilevel, generalized response)
[SEM]	example 31g	Two-factor measurement model (generalized response)
[SEM]	example 32g	Full structural equation model (generalized response)
[SEM]	example 33g	Logistic regression

[SEM]	example 34g	Combined models (generalized responses)
[SEM]	example 35g	Ordered probit and ordered logit
[SEM]	example 36g	MIMIC model (generalized response)
[SEM]	example 37g	Multinomial logistic regression
[SEM]	example 38g	Random-intercept and random-slope models (multilevel)
[SEM]	example 39g	Three-level model (multilevel, generalized response)
[SEM]	example 40g	Crossed models (multilevel)
[SEM]	example 41g	Two-level multinomial logistic regression (multilevel)
[SEM]	example 42g	One- and two-level mediation models (multilevel)
[SEM]	example 43g	Tobit regression
[SEM]	example 44g	Interval regression
[SEM]	example 45g	Heckman selection model
[SEM]	example 46g	Endogenous treatment-effects model
[SEM]	gsem	Generalized structural equation model estimation command
[SEM]	gsem estimation options	Options affecting estimation
[SEM]	gsem family-and-link options	Family-and-link options
[SEM]	gsem model description options	Model description options
[SEM]	gsem path notation extensions	Command syntax for path diagrams
[SEM]	gsem postestimation	Postestimation tools for gsem
[SEM]	gsem reporting options	Options affecting reporting of results
[SEM]	intro 1	Introduction
[SEM]	intro 2	Learning the language: Path diagrams and command language
[SEM]	intro 3	Learning the language: Factor-variable notation (gsem only)
[SEM]	intro 4	Substantive concepts
[SEM]	intro 5	Tour of models
[SEM]	intro 6	Comparing groups (sem only)
[SEM]	intro 7	Postestimation tests and predictions
[SEM]	intro 8	Robust and clustered standard errors
[SEM]	intro 9	Standard errors, the full story
[SEM]	intro 10	Fitting models with survey data
[SEM]	intro 11	Fitting models with summary statistics data (sem only)
[SEM]	intro 12	Convergence problems and how to solve them
[SEM]	lincom	Linear combinations of parameters
[SEM]	lrtest	Likelihood-ratio test of linear hypothesis
[SEM]	methods and formulas for gsem	Methods and formulas for gsem
[SEM]	methods and formulas for sem	Methods and formulas for sem
[SEM]	nlcom	Nonlinear combinations of parameters
[SEM]	predict after gsem	Generalized linear predictions, etc.
[SEM]	predict after sem	Factor scores, linear predictions, etc.
[SEM]	sem	Structural equation model estimation command
[SEM]	sem and gsem option constraints()	Specifying constraints
[SEM]	sem and gsem option covstructure()	Specifying covariance restrictions
[SEM]	sem and gsem option from()	Specifying starting values
[SEM]	sem and gsem option reliability()	Fraction of variance not due to measurement error
[SEM]	sem and gsem path notation	Command syntax for path diagrams
[SEM]	sem and gsem syntax options	Options affecting interpretation of syntax
[SEM]	sem estimation options	Options affecting estimation
[SEM]	sem group options	Fitting models on different groups
[SEM]	sem model description options	Model description options
[SEM]	sem option method()	Specifying method and calculation of VCE
[SEM]	sem option noxconditional	Computing means, etc., of observed exogenous variables

[SEM]	<code>sem option select()</code>	Using sem with summary statistics data
[SEM]	<code>sem path notation extensions</code>	Command syntax for path diagrams
[SEM]	<code>sem postestimation</code>	Postestimation tools for sem
[SEM]	<code>sem reporting options</code>	Options affecting reporting of results
[SEM]	<code>sem ssd options</code>	Options for use with summary statistics data
[SEM]	<code>ssd</code>	Making summary statistics data (sem only)
[SEM]	<code>test</code>	Wald test of linear hypotheses
[SEM]	<code>testnl</code>	Wald test of nonlinear hypotheses

Survey data

[U]	Chapter 20	Estimation and postestimation commands
[U]	Section 26.26	Survey data
[SVY]	<code>survey</code>	Introduction to survey commands
[SVY]	<code>bootstrap_options</code>	More options for bootstrap variance estimation
[SVY]	<code>brr_options</code>	More options for BRR variance estimation
[SVY]	<code>direct standardization</code>	Direct standardization of means, proportions, and ratios
[SVY]	<code>estat</code>	Postestimation statistics for survey data
[SVY]	<code>jackknife_options</code>	More options for jackknife variance estimation
[SVY]	<code>ml for svy</code>	Maximum pseudolikelihood estimation for survey data
[SVY]	<code>poststratification</code>	Poststratification for survey data
[P]	<code>_robust</code>	Robust variance estimates
[SVY]	<code>sdr_options</code>	More options for SDR variance estimation
[SVY]	<code>subpopulation estimation</code>	Subpopulation estimation for survey data
[SVY]	<code>svy</code>	The survey prefix command
[SVY]	<code>svy bootstrap</code>	Bootstrap for survey data
[SVY]	<code>svy brr</code>	Balanced repeated replication for survey data
[SVY]	<code>svy estimation</code>	Estimation commands for survey data
[SVY]	<code>svy jackknife</code>	Jackknife estimation for survey data
[SVY]	<code>svy postestimation</code>	Postestimation tools for svy
[SVY]	<code>svy sdr</code>	Successive difference replication for survey data
[SVY]	<code>svy: tabulate oneway</code>	One-way tables for survey data
[SVY]	<code>svy: tabulate twoway</code>	Two-way tables for survey data
[SVY]	<code>svydescribe</code>	Describe survey data
[SVY]	<code>svymarkout</code>	Mark observations for exclusion on the basis of survey characteristics
[SVY]	<code>svyset</code>	Declare survey design for dataset
[MI]	<code>mi XXXset</code>	Declare mi data to be svy, st, ts, xt, etc.
[SVY]	<code>variance estimation</code>	Variance estimation for survey data

Survival analysis

[U]	Chapter 20	Estimation and postestimation commands
[U]	Section 26.20.6	Survival models with panel data
[U]	Section 26.22	Survival-time (failure-time) models
[U]	Section 26.23	Treatment-effect models
[U]	Section 26.31	Power and sample-size analysis
[ST]	<code>survival analysis</code>	Introduction to survival analysis
[ST]	<code>ct</code>	Count-time data
[ST]	<code>ctset</code>	Declare data to be count-time data
[ST]	<code>cttost</code>	Convert count-time data to survival-time data
[ST]	<code>discrete</code>	Discrete-time survival analysis
[ST]	<code>ltable</code>	Life tables for survival data
[ME]	<code>mestreg</code>	Multilevel mixed-effects parametric survival models

[ST]	<code>snapspan</code>	Convert snapshot data to time-span data
[ST]	<code>st</code>	Survival-time data
[ST]	<code>st_is</code>	Survival analysis subroutines for programmers
[ST]	<code>stbase</code>	Form baseline dataset
[ST]	<code>stci</code>	Confidence intervals for means and percentiles of survival time
[ST]	<code>stcox</code>	Cox proportional hazards model
[ST]	<code>stcox PH-assumption tests</code>	Tests of proportional-hazards assumption
[ST]	<code>stcrreg</code>	Competing-risks regression
[ST]	<code>stcurve</code>	Plot survivor, hazard, cumulative hazard, or cumulative incidence function
[ST]	<code>stdescribe</code>	Describe survival-time data
[R]	<code>stepwise</code>	Stepwise estimation
[ST]	<code>stfill</code>	Fill in by carrying forward values of covariates
[ST]	<code>stgen</code>	Generate variables reflecting entire histories
[ST]	<code>stir</code>	Report incidence-rate comparison
[ST]	<code>stptime</code>	Calculate person-time, incidence rates, and SMR
[ST]	<code>strate</code>	Tabulate failure rates and rate ratios
[ST]	<code>streg</code>	Parametric survival models
[ST]	<code>sts</code>	Generate, graph, list, and test the survivor and cumulative hazard functions
[ST]	<code>sts generate</code>	Create variables containing survivor and related functions
[ST]	<code>sts graph</code>	Graph the survivor, hazard, or cumulative hazard function
[ST]	<code>sts list</code>	List the survivor or cumulative hazard function
[ST]	<code>sts test</code>	Test equality of survivor functions
[ST]	<code>stset</code>	Declare data to be survival-time data
[MI]	<code>mi XXXset</code>	Declare mi data to be svy, st, ts, xt, etc.
[ST]	<code>stsplit</code>	Split and join time-span records
[MI]	<code>mi stsplit</code>	Stsplit and stjoin mi data
[ST]	<code>stsum</code>	Summarize survival-time data
[TE]	<code>stteffects ipw</code>	Survival-time inverse-probability weighting
[TE]	<code>stteffects ipwra</code>	Survival-time inverse-probability-weighted regression adjustment
[TE]	<code>stteffects ra</code>	Survival-time regression adjustment
[TE]	<code>stteffects wra</code>	Survival-time weighted regression adjustment
[ST]	<code>sttocc</code>	Convert survival-time data to case-control data
[ST]	<code>sttoct</code>	Convert survival-time data to count-time data
[ST]	<code>stvary</code>	Report variables that vary over time
[XT]	<code>xtstreg</code>	Random-effects parametric survival models

Also see *Power and sample size*

Time series, multivariate

[U]	Section 11.4.4	Time-series varlists
[U]	Section 13.10	Time-series operators
[U]	Chapter 20	Estimation and postestimation commands
[U]	Section 26.19	Models with time-series data
[TS]	<code>time series</code>	Introduction to time-series commands
[TS]	<code>dfactor</code>	Dynamic-factor models
[TS]	<code>fcast compute</code>	Compute dynamic forecasts after var, svar, or vec
[TS]	<code>fcast graph</code>	Graph forecasts after fcast compute
[TS]	<code>forecast</code>	Econometric model forecasting
[TS]	<code>forecast adjust</code>	Adjust a variable by add factoring, replacing, etc.
[TS]	<code>forecast clear</code>	Clear current model from memory
[TS]	<code>forecast coefvector</code>	Specify an equation via a coefficient vector
[TS]	<code>forecast create</code>	Create a new forecast model

[TS]	forecast describe	Describe features of the forecast model
[TS]	forecast drop	Drop forecast variables
[TS]	forecast estimates	Add estimation results to a forecast model
[TS]	forecast exogenous	Declare exogenous variables
[TS]	forecast identity	Add an identity to a forecast model
[TS]	forecast list	List forecast commands composing current model
[TS]	forecast query	Check whether a forecast model has been started
[TS]	forecast solve	Obtain static and dynamic forecasts
[TS]	irf	Create and analyze IRFs, dynamic-multiplier functions, and FEVDs
[TS]	irf add	Add results from an IRF file to the active IRF file
[TS]	irf cgraph	Combined graphs of IRFs, dynamic-multiplier functions, and FEVDs
[TS]	irf create	Obtain IRFs, dynamic-multiplier functions, and FEVDs
[TS]	irf ctable	Combined tables of IRFs, dynamic-multiplier functions, and FEVDs
[TS]	irf describe	Describe an IRF file
[TS]	irf drop	Drop IRF results from the active IRF file
[TS]	irf graph	Graphs of IRFs, dynamic-multiplier functions, and FEVDs
[TS]	irf ograph	Overlaid graphs of IRFs, dynamic-multiplier functions, and FEVDs
[TS]	irf rename	Rename an IRF result in an IRF file
[TS]	irf set	Set the active IRF file
[TS]	irf table	Tables of IRFs, dynamic-multiplier functions, and FEVDs
[TS]	mgarch	Multivariate GARCH models
[TS]	mgarch ccc	Constant conditional correlation multivariate GARCH models
[TS]	mgarch dcc	Dynamic conditional correlation multivariate GARCH models
[TS]	mgarch dvech	Diagonal vech multivariate GARCH models
[TS]	mgarch vcc	Varying conditional correlation multivariate GARCH models
[TS]	rolling	Rolling-window and recursive estimation
[TS]	sspace	State-space models
[TS]	tsappend	Add observations to a time-series dataset
[TS]	tsfill	Fill in gaps in time variable
[TS]	tsline	Plot time-series data
[TS]	tsreport	Report time-series aspects of a dataset or estimation sample
[TS]	tsrevar	Time-series operator programming command
[TS]	tsset	Declare data to be time-series data
[TS]	var intro	Introduction to vector autoregressive models
[TS]	var svar	Structural vector autoregressive models
[TS]	var	Vector autoregressive models
[TS]	varbasic	Fit a simple VAR and graph IRFs or FEVDs
[TS]	vargranger	Perform pairwise Granger causality tests after var or svar
[TS]	varlmar	Perform LM test for residual autocorrelation after var or svar
[TS]	varnorm	Test for normally distributed disturbances after var or svar
[TS]	varsoc	Obtain lag-order selection statistics for VARs and VECMs
[TS]	varstable	Check the stability condition of VAR or SVAR estimates
[TS]	varwle	Obtain Wald lag-exclusion statistics after var or svar
[TS]	vec intro	Introduction to vector error-correction models
[TS]	vec	Vector error-correction models
[TS]	veclmar	Perform LM test for residual autocorrelation after vec
[TS]	vecnorm	Test for normally distributed disturbances after vec
[TS]	vecrank	Estimate the cointegrating rank of a VECM
[TS]	vecstable	Check the stability condition of VECM estimates
[TS]	xcorr	Cross-correlogram for bivariate time series

Time series, univariate

[U]	Section 11.4.4	Time-series varlists
[U]	Section 13.10	Time-series operators
[U]	Chapter 20	Estimation and postestimation commands
[U]	Section 26.19	Models with time-series data
[TS]	time series	Introduction to time-series commands
[TS]	arch	Autoregressive conditional heteroskedasticity (ARCH) family of estimators
[TS]	arfima	Autoregressive fractionally integrated moving-average models
[TS]	arima	ARIMA, ARMAX, and other dynamic regression models
[TS]	corrgram	Tabulate and graph autocorrelations
[TS]	cumsp	Cumulative spectral distribution
[TS]	dfgls	DF-GLS unit-root test
[TS]	dfuller	Augmented Dickey–Fuller unit-root test
[TS]	estat acplot	Plot parametric autocorrelation and autocovariance functions
[TS]	estat aroots	Check the stability condition of ARIMA estimates
[TS]	estat sbknown	Test for a structural break with a known break date
[TS]	estat sbsingle	Test for a structural break with an unknown break date
[TS]	forecast	Econometric model forecasting
[TS]	forecast adjust	Adjust a variable by add factoring, replacing, etc.
[TS]	forecast clear	Clear current model from memory
[TS]	forecast coefvector	Specify an equation via a coefficient vector
[TS]	forecast create	Create a new forecast model
[TS]	forecast describe	Describe features of the forecast model
[TS]	forecast drop	Drop forecast variables
[TS]	forecast estimates	Add estimation results to a forecast model
[TS]	forecast exogenous	Declare exogenous variables
[TS]	forecast identity	Add an identity to a forecast model
[TS]	forecast list	List forecast commands composing current model
[TS]	forecast query	Check whether a forecast model has been started
[TS]	forecast solve	Obtain static and dynamic forecasts
[TS]	mswitch	Markov-switching regression models
[TS]	newey	Regression with Newey–West standard errors
[TS]	pergram	Periodogram
[TS]	pperron	Phillips–Perron unit-root test
[TS]	prais	Prais–Winsten and Cochrane–Orcutt regression
[TS]	psdensity	Parametric spectral density estimation after arima, arfima, and ucm
[R]	regress postestimation time series	Postestimation tools for regress with time series
[TS]	rolling	Rolling-window and recursive estimation
[TS]	sspace	State-space models
[TS]	tsappend	Add observations to a time-series dataset
[TS]	tsfill	Fill in gaps in time variable
[TS]	tsfilter	Filter a time-series, keeping only selected periodicities
[TS]	tsfilter bk	Baxter–King time-series filter
[TS]	tsfilter bw	Butterworth time-series filter
[TS]	tsfilter cf	Christiano–Fitzgerald time-series filter
[TS]	tsfilter hp	Hodrick–Prescott time-series filter
[TS]	tsline	Plot time-series data
[TS]	tsreport	Report time-series aspects of a dataset or estimation sample
[TS]	tsrevar	Time-series operator programming command
[TS]	tsset	Declare data to be time-series data
[TS]	tssmooth	Smooth and forecast univariate time-series data

[TS]	tssmooth dexpontial	Double-exponential smoothing
[TS]	tssmooth exponential	Single-exponential smoothing
[TS]	tssmooth hwinters	Holt–Winters nonseasonal smoothing
[TS]	tssmooth ma	Moving-average filter
[TS]	tssmooth nl	Nonlinear filter
[TS]	tssmooth shwinters	Holt–Winters seasonal smoothing
[TS]	ucm	Unobserved-components model
[TS]	wntestb	Bartlett’s periodogram-based test for white noise
[TS]	wntestq	Portmanteau (Q) test for white noise
[TS]	xcorr	Cross-correlogram for bivariate time series

Transforms and normality tests

[R]	boxcox	Box–Cox regression models
[R]	fp	Fractional polynomial regression
[R]	ladder	Ladder of powers
[R]	lnskew0	Find zero-skewness log or Box–Cox transform
[R]	mfp	Multivariable fractional polynomial models
[MV]	mvtest normality	Multivariate normality tests
[R]	sktest	Skewness and kurtosis test for normality
[R]	swilk	Shapiro–Wilk and Shapiro–Francia tests for normality

Treatment effects

[U]	Section 26.23	Treatment-effect models
[TE]	eteffects	Endogenous treatment-effects estimation
[TE]	etpoisson	Poisson regression with endogenous treatment effects
[TE]	etregress	Linear regression with endogenous treatment effects
[TE]	stteffects	Treatment-effects estimation for observational survival-time data
[TE]	stteffects intro	Introduction to treatment effects for observational survival-time data
[TE]	stteffects ipw	Survival-time inverse-probability weighting
[TE]	stteffects ipwra	Survival-time inverse-probability-weighted regression adjustment
[TE]	stteffects ra	Survival-time regression adjustment
[TE]	stteffects wra	Survival-time weighted regression adjustment
[TE]	tebalance	Check balance after teffects or stteffects estimation
[TE]	tebalance box	Covariate balance box
[TE]	tebalance density	Covariate balance density
[TE]	tebalance overid	Test for covariate balance
[TE]	tebalance summarize	Covariate-balance summary statistics
[TE]	teffects	Treatment-effects estimation for observational data
[TE]	teffects aipw	Augmented inverse-probability weighting
[TE]	teffects intro	Introduction to treatment effects for observational data
[TE]	teffects intro advanced	Advanced introduction to treatment effects for observational data
[TE]	teffects ipw	Inverse-probability weighting
[TE]	teffects ipwra	Inverse-probability-weighted regression adjustment
[TE]	teffects multivalued	Multivalued treatment effects
[TE]	teffects nnmatch	Nearest-neighbor matching
[TE]	teffects overlap	Overlap plots
[TE]	teffects psmatch	Propensity-score matching
[TE]	teffects ra	Regression adjustment
[TE]	treatment effects	Introduction to treatment-effects commands

Matrix commands

Basics

[U]	Chapter 14	Matrix expressions
[P]	<code>matlist</code>	Display a matrix and control its format
[P]	<code>matrix</code>	Introduction to matrix commands
[P]	<code>matrix define</code>	Matrix definition, operators, and functions
[P]	<code>matrix utility</code>	List, rename, and drop matrices

Programming

[P]	<code>ereturn</code>	Post the estimation results
[P]	<code>matrix accum</code>	Form cross-product matrices
[P]	<code>matrix rownames</code>	Name rows and columns
[P]	<code>matrix score</code>	Score data from coefficient vectors
[R]	<code>ml</code>	Maximum likelihood estimation
[M]	<i>Mata Reference Manual</i>	

Other

[P]	<code>makecns</code>	Constrained estimation
[P]	<code>matrix dissimilarity</code>	Compute similarity or dissimilarity measures
[P]	<code>matrix eigenvalues</code>	Eigenvalues of nonsymmetric matrices
[P]	<code>matrix get</code>	Access system matrices
[P]	<code>matrix mkmat</code>	Convert variables to matrix and vice versa
[P]	<code>matrix svd</code>	Singular value decomposition
[P]	<code>matrix syeigen</code>	Eigenvalues and eigenvectors of symmetric matrices

Mata

[D]	<code>putmata</code>	Put Stata variables into Mata and vice versa
[M]	<i>Mata Reference Manual</i>	

Programming

Basics

[U]	Chapter 18	Programming Stata
[U]	Section 18.3	Macros
[U]	Section 18.11	Ado-files
[P]	<code>comments</code>	Add comments to programs
[P]	<code>fvexpand</code>	Expand factor varlists
[P]	<code>macro</code>	Macro definition and manipulation
[P]	<code>program</code>	Define and manipulate programs
[P]	<code>return</code>	Return stored results

Program control

[U]	Section 18.11.1	Version
[P]	<code>capture</code>	Capture return code
[P]	<code>continue</code>	Break out of loops
[P]	<code>error</code>	Display generic error message and exit
[P]	<code>foreach</code>	Loop over items
[P]	<code>forvalues</code>	Loop over consecutive values

[P]	if	if programming command
[P]	version	Version control
[P]	while	Looping

Parsing and program arguments

[U]	Section 18.4	Program arguments
[P]	confirm	Argument verification
[P]	gettoken	Low-level parsing
[P]	levelsof	Levels of variable
[P]	numlist	Parse numeric lists
[P]	syntax	Parse Stata syntax
[P]	tokenize	Divide strings into tokens

Console output

[U]	Section 12.4.2	Handling Unicode strings
[P]	dialog programming	Dialog programming
[P]	display	Display strings and values of scalar expressions
[P]	smcl	Stata Markup and Control Language
[P]	tabdisp	Display tables
[D]	unicode	Unicode utilities

Commonly used programming commands

[P]	byable	Make programs byable
[P]	#delimit	Change delimiter
[P]	exit	Exit from a program or do-file
[R]	fvrevar	Factor-variables operator programming command
[P]	mark	Mark observations for inclusion
[P]	matrix	Introduction to matrix commands
[P]	more	Pause until key is pressed
[P]	nopreserve option	nopreserve option
[P]	preserve	Preserve and restore data
[P]	quietly	Quietly and noisily perform Stata command
[P]	scalar	Scalar variables
[P]	smcl	Stata Markup and Control Language
[P]	sortpreserve	Sort within programs
[P]	timer	Time sections of code by recording and reporting time spent
[TS]	tsrevar	Time-series operator programming command

Debugging

[P]	pause	Program debugging command
[P]	timer	Time sections of code by recording and reporting time spent
[P]	trace	Debug Stata programs

Advanced programming commands

[U]	Section 12.4.2.5	Sorting strings containing Unicode characters
[M-5]	Pdf*()	Create a PDF file
[M-5]	_docx*()	Generate Office Open XML (.docx) file
[P]	automation	Automation
[P]	break	Suppress Break key
[P]	char	Characteristics

[M-2]	<code>class</code>	Object-oriented programming (classes)
[P]	<code>class</code>	Class programming
[P]	<code>class exit</code>	Exit class-member program and return result
[P]	<code>classutil</code>	Class programming utility
[P]	<code>estat programming</code>	Controlling estat after user-written commands
[P]	<code>_estimates</code>	Manage estimation results
[P]	<code>file</code>	Read and write text and binary files
[P]	<code>findfile</code>	Find file in path
[P]	<code>include</code>	Include commands from file
[P]	<code>java</code>	Java plugins
[P]	<code>javacall</code>	Call a static Java method
[P]	<code>macro</code>	Macro definition and manipulation
[P]	<code>macro lists</code>	Manipulate lists
[R]	<code>ml</code>	Maximum likelihood estimation
[M-5]	<code>moptimize()</code>	Model optimization
[M-5]	<code>optimize()</code>	Function optimization
[P]	<code>plugin</code>	Load a plugin
[P]	<code>postfile</code>	Post results in Stata dataset
[P]	<code>_predict</code>	Obtain predictions, residuals, etc., after estimation programming command
[P]	<code>program properties</code>	Properties of user-defined programs
[P]	<code>putexcel</code>	Export results to an Excel file
[D]	<code>putmata</code>	Put Stata variables into Mata and vice versa
[P]	<code>_return</code>	Preserve stored results
[P]	<code>_rmcoll</code>	Remove collinear variables
[P]	<code>_robust</code>	Robust variance estimates
[P]	<code>serset</code>	Create and manipulate sersets
[D]	<code>snapshot</code>	Save and restore data snapshots
[P]	<code>unab</code>	Unabbreviate variable list
[P]	<code>unabcmd</code>	Unabbreviate command name
[D]	<code>unicode collator</code>	Language-specific Unicode collators
[D]	<code>unicode convertfile</code>	Low-level file conversion between encodings
[P]	<code>varabbrev</code>	Control variable abbreviation
[P]	<code>viewsource</code>	View source code
[M-5]	<code>xl()</code>	Excel file I/O class

Special-interest programming commands

[R]	<code>bstat</code>	Report bootstrap results
[MV]	<code>cluster programming subroutines</code>	Add cluster-analysis routines
[MV]	<code>cluster programming utilities</code>	Cluster-analysis programming utilities
[R]	<code>fvrevar</code>	Factor-variables operator programming command
[P]	<code>matrix dissimilarity</code>	Compute similarity or dissimilarity measures
[MI]	<code>mi select</code>	Programmer's alternative to <code>mi extract</code>
[ST]	<code>st_is</code>	Survival analysis subroutines for programmers
[SVY]	<code>svymarkout</code>	Mark observations for exclusion on the basis of survey characteristics
[MI]	<code>technical</code>	Details for programmers
[TS]	<code>tsrevar</code>	Time-series operator programming command

Projects

[P]	<code>Project Manager</code>	Organize Stata files
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File formats

[P]	file formats .dta	Description of .dta file format
[D]	unicode convertfile	Low-level file conversion between encodings
[D]	unicode translate	Translate files to Unicode

Mata

[M]	Mata Reference Manual	
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Interface features

[GS]	Chapter 1 (GSM, GSU, GSW)	Introducing Stata—sample session
[GS]	Chapter 2 (GSM, GSU, GSW)	The Stata user interface
[GS]	Chapter 3 (GSM, GSU, GSW)	Using the Viewer
[GS]	Chapter 6 (GSM, GSU, GSW)	Using the Data Editor
[GS]	Chapter 7 (GSM, GSU, GSW)	Using the Variables Manager
[GS]	Chapter 13 (GSM, GSU, GSW)	Using the Do-file Editor—automating Stata
[GS]	Chapter 15 (GSM, GSU, GSW)	Editing graphs
[P]	dialog programming	Dialog programming
[R]	doedit	Edit do-files and other text files
[D]	edit	Browse or edit data with Data Editor
[P]	set locale_ui	Specify a localization package for the user interface
[P]	sleep	Pause for a specified time
[P]	smcl	Stata Markup and Control Language
[D]	unicode locale	Unicode locale utilities
[D]	varmanage	Manage variable labels, formats, and other properties
[P]	viewsource	View source code
[P]	window fopen	Display open/save dialog box
[P]	window manage	Manage window characteristics
[P]	window menu	Create menus
[P]	window programming	Programming menus and windows
[P]	window push	Copy command into Review window
[P]	window stopbox	Display message box