

Combined subject table of contents

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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Extended regression models	Simulation/resampling
Factor analysis and principal components	Spatial autoregressive models
Finite mixture models	Standard postestimation tests, tables, and other analyses
Fractional outcomes	Structural equation modeling
Generalized linear models	Survey data
Indicator and categorical variables	Survival analysis
Item response theory	Time series, multivariate
Lasso	Time series, univariate
Latent class models	Transforms and normality tests
Linear regression and related	Treatment effects
Logistic and probit regression	
Matrix commands	
Basics	Other
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Programming	
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Program control	Advanced programming commands
Parsing and program arguments	Special-interest programming commands
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Commonly used programming commands	Mata
Debugging	
Automated document and report creation	
Interface features	

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]	Intro Introduction to data management reference manual
[D]	Data management Introduction to data management commands
[D]	codebook Describe data contents
[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]	frames Data frames
[D]	frames intro Introduction to frames
[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

[D]	clear	Clear memory
[D]	compress	Compress data in memory
[FN]	Date and time functions	
[D]	drop	Drop variables or observations
[D]	dyngen	Dynamically generate new values of variables
[D]	egen	Extensions to generate
[D]	frame copy	Make a copy of a frame
[D]	frame drop	Drop frame from memory
[D]	frame put	Copy selected variables or observations to a new frame
[D]	frames reset	Drop all frames from memory
[D]	generate	Create or change contents of variable
[FN]	Mathematical functions	
[FN]	Matrix functions	
[R]	orthog	Orthogonalize variables and compute orthogonal polynomials
[FN]	Programming functions	
[FN]	Random-number functions	
[FN]	Selecting time-span functions	
[FN]	Statistical functions	
[FN]	String functions	
[FN]	Trigonometric functions	

Functions and expressions

[U]	Section 12.4.2.1	Unicode string functions
[U]	Chapter 13	Functions and expressions
[FN]	Date and time functions	
[D]	egen	Extensions to generate
[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	

Strings

[U]	Section 12.4	Strings
[U]	Section 12.4.2	Handling Unicode strings
[U]	Chapter 24	Working with strings
[D]	Data types	Quick reference for data types

[FN]	String functions	
[D]	unicode	Unicode utilities

Dates and times

[U]	Section 12.5.3	Date and time formats
[U]	Chapter 25	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 22	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 dbase	Import and export dBase files
[D]	import delimited	Import and export delimited text data
[D]	import excel	Import and export Excel files
[D]	import fred	Import data from Federal Reserve Economic Data
[D]	import haver	Import data from Haver Analytics databases
[D]	import sas	Import SAS files
[D]	import sasxport5	Import and export data in SAS XPORT Version 5 format
[D]	import sasxport8	Import and export data in SAS XPORT Version 8 format
[D]	import spss	Import SPSS files
[D]	infile (fixed format)	Import text data in fixed format with a dictionary
[D]	infile (free format)	Import unformatted text data
[D]	infix (fixed format)	Import 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
[D]	save	Save Stata dataset
[D]	sysuse	Use shipped dataset
[D]	use	Load Stata dataset
[D]	webuse	Use dataset from Stata website

Combining data

[U]	Chapter 23	Combining datasets
[D]	append	Append datasets
[MI]	mi append	Append mi data
[D]	cross	Form every pairwise combination of two datasets
[D]	frget	Copy variables from linked frame
[D]	fmlink	Link frames
[D]	joinby	Form all pairwise combinations within groups
[D]	merge	Merge datasets
[MI]	mi merge	Merge mi data

Certifying data

[D]	assert	Verify truth of claim
[D]	assertnested	Verify variables nested
[D]	checksum	Calculate checksum of file
[P]	_datasignature	Determine whether data have changed
[D]	datasignature	Determine whether data have changed
[D]	notes	Place notes in data
[P]	signestimationsample	Determine whether the estimation sample has changed

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 26	Working with categorical data and factor variables
[D]	clonevar	Clone existing variable
[D]	destring	Convert string variables to numeric variables and vice versa
[D]	dyngen	Dynamically generate new values of variables
[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

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[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
[CM]	cmsummarize	Summarize variables by chosen alternatives
[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	Compactly list variables with specified properties
[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]	missstable	Tabulate missing values
[MI]	mi describe	Describe mi data
[MI]	mi missable	Tabulate pattern of missing values
[D]	pctile	Create variable containing percentiles
[ST]	stddescribe	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]	changeeol	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]	frame change	Change identity of current (working) frame
[D]	frame create	Create a new frame
[D]	frame prefix	The frame prefix command
[D]	frame pwf	Display name of current (working) frame
[D]	frame rename	Rename existing frame
[D]	frames dir	Display names of all frames in memory
[D]	icd	Introduction to ICD commands
[D]	icd10	ICD-10 diagnosis codes
[D]	icd10cm	ICD-10-CM diagnosis codes
[D]	icd10pcs	ICD-10-PCS procedure codes
[D]	icd9	ICD-9-CM diagnosis codes
[D]	icd9p	ICD-9-CM procedure codes
[D]	ipolate	Linearly interpolate (extrapolate) values
[D]	range	Generate numerical range
[D]	sample	Draw random sample
[D]	splitsample	Splitting data into random samples

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]	creturn	Return c-class values
[P]	ereturn	Post the estimation results
[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 selected	Show selected coefficients
[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
[P]	_return	Preserve stored results
[P]	return	Return stored results
[R]	Stored results	Stored results

Internet

[U]	Chapter 29	Using the Internet to keep up to date
[R]	ado update	Update community-contributed packages
[D]	checksum	Calculate checksum of file
[D]	copy	Copy file from disk or URL
[R]	net	Install and manage community-contributed additions from the Internet
[R]	net search	Search the Internet for installable packages
[R]	netio	Control Internet connections
[R]	sj	Stata Journal and STB installation instructions
[R]	ssc	Install and uninstall packages from SSC
[R]	update	Check for official updates
[D]	use	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 24	Working with strings
[D]	compress	Compress data in memory
[D]	Data types	Quick reference for data types
[D]	memory	Memory management
[D]	Missing values	Quick reference for missing values
[D]	recast	Change storage type of variable

Advanced utilities

[D]	assert	Verify truth of claim
[D]	assertnested	Verify variables nested
[D]	cd	Change directory
[D]	changeeol	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
[R]	<i>set iter</i>	Control iteration settings
[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 rngstream	Specify the stream for the stream random-number generator
[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
[D]	vl	Managing variable lists
[D]	vl create	Create and modify user-defined variable lists
[D]	vl drop	Drop variable lists or variables from variable lists
[D]	vl list	List contents of variable lists
[D]	vl rebuild	Rebuild variable lists
[D]	vl set	Set system-defined variable lists
[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 fpfit	Twoway fractional-polynomial prediction plots
[G-2]	graph twoway fpfitci	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 pscatter	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 rcap	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	Twoway scatterplots
[G-2]	graph twoway scatteri	Scatter with immediate arguments

[G-2]	graph twoway spike	Twoway spike plots
[G-2]	graph twoway tslide	Twoway 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 distribution dotplots
[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

Lasso graphs

[LASSO]	coefpath	Plot path of coefficients after lasso
[LASSO]	cvplot	Plot cross-validation function after lasso

Meta-analysis graphs

[META]	estat bubbleplot	Bubble plots after meta regress
[META]	meta forestplot	Forest plots
[META]	meta funnelplot	Funnel plots
[META]	meta labbeplot	L'Abbé plots

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	Dendograms 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]	screeplot	Scree plot of eigenvalues

Quality control

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

Regression diagnostic plots

[R] regress postestimation diagnostic plots Postestimation plots for regress

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	Graph cumulative spectral distribution
[TS]	estat acplot	Plot parametric autocorrelation and autocovariance functions
[TS]	estat aroots	Check the stability condition of ARIMA estimates
[TS]	estat sbcusum	Cumulative sum test for parameter stability
[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	Time-series line plots
[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
[PSS-3]	ciwidth, graph	Graph results from the ciwidth command
[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-2]	power, graph	Graph results from the power command
[R]	stem	Stem-and-leaf displays
[TE]	tebalance box	Covariate balance box
[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 27	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 variances
[R]	correlate	Correlations of variables
[D]	egen	Extensions to generate
[R]	esize	Effect size based on mean comparison
[R]	icc	Intraclass correlation coefficients
[R]	mean	Estimate means
[R]	misstable	Tabulate missing values
[MV]	mvtest	Multivariate tests
[R]	oneway	One-way analysis of variance
[R]	proportion	Estimate proportions
[R]	prtest	Tests of proportions
[R]	pwmean	Pairwise comparisons of means
[R]	ranksum	Equality tests on unmatched data
[R]	ratio	Estimate ratios
[R]	regress	Linear regression
[R]	sdtest	Variance-comparison tests
[R]	signrank	Equality tests on matched data
[D]	statsby	Collect statistics for a command across a by list
[R]	summarize	Summary statistics
[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
[R]	total	Estimate totals
[R]	ttest	<i>t</i> tests (mean-comparison tests)
[R]	ztest	<i>z</i> tests (mean-comparison tests, known variance)

Bayesian analysis

[U]	Section 27.33	Bayesian analysis
[BAYES]	Intro	Introduction to Bayesian analysis
[BAYES]	Bayesian commands	Introduction to commands for Bayesian analysis
[BAYES]	Bayesian estimation	Bayesian estimation commands
[BAYES]	Bayesian postestimation	Postestimation tools for bayesmh and the bayes prefix
[BAYES]	bayes	Bayesian regression models using the bayes prefix
[BAYES]	bayes: betareg	Bayesian beta regression
[BAYES]	bayes: binreg	Bayesian generalized linear models: Extensions to the binomial family
[BAYES]	bayes: biprobit	Bayesian bivariate probit regression
[BAYES]	bayes: clogit	Bayesian conditional logistic regression
[BAYES]	bayes: cloglog	Bayesian complementary log-log regression
[BAYES]	bayes: fracreg	Bayesian fractional response regression
[BAYES]	bayes: glm	Bayesian generalized linear models
[BAYES]	bayes: gnbreg	Bayesian generalized negative binomial regression
[BAYES]	bayes: heckman	Bayesian Heckman selection model
[BAYES]	bayes: heckoprobit	Bayesian ordered probit model with sample selection
[BAYES]	bayes: heckprobit	Bayesian probit model with sample selection
[BAYES]	bayes: hetoprob	Bayesian heteroskedastic ordered probit regression
[BAYES]	bayes: hetprob	Bayesian heteroskedastic probit regression

[BAYES]	bayes: hetregress	Bayesian heteroskedastic linear regression
[BAYES]	bayes: intreg	Bayesian interval regression
[BAYES]	bayes: logistic	Bayesian logistic regression, reporting odds ratios
[BAYES]	bayes: logit	Bayesian logistic regression, reporting coefficients
[BAYES]	bayes: mecloglog	Bayesian multilevel complementary log-log regression
[BAYES]	bayes: meglm	Bayesian multilevel generalized linear model
[BAYES]	bayes: meintreg	Bayesian multilevel interval regression
[BAYES]	bayes: melogit	Bayesian multilevel logistic regression
[BAYES]	bayes: menbreg	Bayesian multilevel negative binomial regression
[BAYES]	bayes: meologit	Bayesian multilevel ordered logistic regression
[BAYES]	bayes: meoprobit	Bayesian multilevel ordered probit regression
[BAYES]	bayes: mepoisson	Bayesian multilevel Poisson regression
[BAYES]	bayes: meprobit	Bayesian multilevel probit regression
[BAYES]	bayes: mestreg	Bayesian multilevel parametric survival models
[BAYES]	bayes: metobit	Bayesian multilevel tobit regression
[BAYES]	bayes: mixed	Bayesian multilevel linear regression
[BAYES]	bayes: mlogit	Bayesian multinomial logistic regression
[BAYES]	bayes: mprobit	Bayesian multinomial probit regression
[BAYES]	bayes: mvreg	Bayesian multivariate regression
[BAYES]	bayes: nbreg	Bayesian negative binomial regression
[BAYES]	bayes: ologit	Bayesian ordered logistic regression
[BAYES]	bayes: oprobit	Bayesian ordered probit regression
[BAYES]	bayes: poisson	Bayesian Poisson regression
[BAYES]	bayes: probit	Bayesian probit regression
[BAYES]	bayes: regress	Bayesian linear regression
[BAYES]	bayes: streg	Bayesian parametric survival models
[BAYES]	bayes: tnbreg	Bayesian truncated negative binomial regression
[BAYES]	bayes: tobit	Bayesian tobit regression
[BAYES]	bayes: tpoisson	Bayesian truncated Poisson regression
[BAYES]	bayes: truncreg	Bayesian truncated regression
[BAYES]	bayes: zinb	Bayesian zero-inflated negative binomial regression
[BAYES]	bayes: zioprob	Bayesian zero-inflated ordered probit regression
[BAYES]	bayes: zip	Bayesian zero-inflated Poisson regression
[BAYES]	bayesgraph	Graphical summaries and convergence diagnostics
[BAYES]	bayesmh	Bayesian models using Metropolis–Hastings algorithm
[BAYES]	bayesmh evaluators	User-defined evaluators with bayesmh
[BAYES]	bayespredict	Bayesian predictions
[BAYES]	bayesstats	Bayesian statistics after Bayesian estimation
[BAYES]	bayesstats ess	Effective sample sizes and related statistics
[BAYES]	bayesstats grubin	Gelman–Rubin convergence diagnostics
[BAYES]	bayesstats ic	Bayesian information criteria and Bayes factors
[BAYES]	bayesstats ppvalues	Bayesian predictive p-values and other predictive summaries
[BAYES]	bayesstats summary	Bayesian summary statistics
[BAYES]	bayestest	Bayesian hypothesis testing
[BAYES]	bayestest interval	Interval hypothesis testing
[BAYES]	bayestest model	Hypothesis testing using model posterior probabilities

Binary outcomes

[U]	Chapter 20	Estimation and postestimation commands
[U]	Section 27.4	Binary outcomes
[BAYES]	Bayesian estimation	Bayesian estimation commands

[R]	binreg	Generalized linear models: Extensions to the binomial family
[R]	biprobit	Bivariate probit regression
[R]	cloglog	Complementary log-log regression
[LASSO]	dslogit	Double-selection lasso logistic regression
[ERM]	eprobit	Extended probit regression
[TE]	eteffects	Endogenous treatment-effects estimation
[R]	exlogistic	Exact logistic regression
[FMM]	fmm estimation	Fitting finite mixture models
[R]	glm	Generalized linear models
[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 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
[LASSO]	pologit	Partialing-out lasso logistic regression
[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
[LASSO]	xpologit	Cross-fit partialing-out lasso logistic regression
[XT]	xtcloglog	Random-effects and population-averaged cloglog models
[XT]	xsteprobit	Extended random-effects probit regression
[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 27.6	Ordinal outcomes
[U]	Section 27.7	Categorical outcomes
[BAYES]	Bayesian estimation	Bayesian estimation commands
[R]	clogit	Conditional (fixed-effects) logistic regression
[CM]	cmclogit	Conditional logit (McFadden's) choice model
[CM]	cmmixlogit	Mixed logit choice model
[CM]	cmmprobit	Multinomial probit choice model
[CM]	cmxmixlogit	Panel-data mixed logit choice model
[FMM]	fmm estimation	Fitting finite mixture models
[IRT]	irt nrm	Nominal response model
[R]	mlogit	Multinomial (polytomous) logistic regression

[R]	<code>mprobit</code>	Multinomial probit regression
[CM]	<code>nlogit</code>	Nested logit regression
[R]	<code>slogit</code>	Stereotype logistic regression

Censored and truncated regression models

[R]	<code>churdle</code>	Cragg hurdle regression
[R]	<code>cpoisson</code>	Censored Poisson regression
[ERM]	<code>eintreg</code>	Extended interval regression
[R]	<code>heckman</code>	Heckman selection model
[R]	<code>heckoprobit</code>	Ordered probit model with sample selection
[R]	<code>heckprobit</code>	Probit model with sample selection
[R]	<code>intreg</code>	Interval regression
[ME]	<code>meintreg</code>	Multilevel mixed-effects interval regression
[ME]	<code>mestreg</code>	Multilevel mixed-effects parametric survival models
[ME]	<code>metobit</code>	Multilevel mixed-effects tobit regression
[ST]	<code>stintreg</code>	Parametric models for interval-censored survival-time data
[ST]	<code>streg</code>	Parametric survival models
[TE]	<code>stteffects</code>	Treatment-effects estimation for observational survival-time data
[R]	<code>tnbreg</code>	Truncated negative binomial regression
[R]	<code>tobit</code>	Tobit regression
[R]	<code>tpoisson</code>	Truncated Poisson regression
[R]	<code>truncreg</code>	Truncated regression
[XT]	<code>xteintreg</code>	Extended random-effects interval regression
[XT]	<code>xtheckman</code>	Random-effects regression with sample selection
[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

Choice models

[U]	<code>Section 27.10</code>	Choice models
[CM]	<code>Intro</code>	Introduction
[CM]	<code>Intro 1</code>	Interpretation of choice models
[CM]	<code>Intro 2</code>	Data layout
[CM]	<code>Intro 3</code>	Descriptive statistics
[CM]	<code>Intro 4</code>	Estimation commands
[CM]	<code>Intro 5</code>	Models for discrete choices
[CM]	<code>Intro 6</code>	Models for rank-ordered alternatives
[CM]	<code>Intro 7</code>	Models for panel data
[CM]	<code>Intro 8</code>	Random utility models, assumptions, and estimation
[CM]	<code>cmchoiceset</code>	Tabulate choice sets
[CM]	<code>cmclogit</code>	Conditional logit (McFadden's) choice model
[CM]	<code>cmmixlogit</code>	Mixed logit choice model
[CM]	<code>cmmprobit</code>	Multinomial probit choice model
[CM]	<code>cmrologit</code>	Rank-ordered logit choice model
[CM]	<code>cmroprobit</code>	Rank-ordered probit choice model
[CM]	<code>cmsample</code>	Display reasons for sample exclusion
[CM]	<code>cmset</code>	Declare data to be choice model data
[CM]	<code>cmsummarize</code>	Summarize variables by chosen alternatives
[CM]	<code>cmtab</code>	Tabulate chosen alternatives
[CM]	<code>cmxtmixlogit</code>	Panel-data mixed logit choice model

[CM]	margins	Adjusted predictions, predictive margins, and marginal effects
[CM]	nlogit	Nested logit regression

Cluster analysis

[U]	Section 27.22	Multivariate analysis
[MV]	Multivariate	Introduction to multivariate commands
[MV]	cluster	Introduction to cluster-analysis commands
[MV]	cluster dendrogram	Dendograms for hierarchical cluster analysis
[MV]	cluster generate	Generate grouping variables from a cluster analysis
[MV]	cluster kmeans and kmedians	Kmeans and kmedians cluster analysis
[MV]	cluster linkage	Hierarchical cluster analysis
[MV]	cluster notes	Cluster analysis notes
[MV]	cluster programming subroutines	Add cluster-analysis routines
[MV]	cluster programming utilities	Cluster-analysis programming utilities
[MV]	cluster stop	Cluster-analysis stopping rules
[MV]	cluster utility	List, rename, use, and drop cluster analyses
[MV]	clustermat	Introduction to clustermat commands
[MV]	matrix dissimilarity	Compute similarity or dissimilarity measures
[MV]	<i>measure_option</i>	Option for similarity and dissimilarity measures

Correspondence analysis

[MV]	ca	Simple correspondence analysis
[MV]	mca	Multiple and joint correspondence analysis

Count outcomes

[U]	Chapter 20	Estimation and postestimation commands
[U]	Section 27.8	Count outcomes
[U]	Section 27.15.3	Discrete outcomes with panel data
[BAYES]	Bayesian estimation	Bayesian estimation commands
[R]	cpoisson	Censored Poisson regression
[LASSO]	dspoisson	Double-selection lasso Poisson regression
[TE]	teffects	Endogenous treatment-effects estimation
[TE]	etpoisson	Poisson regression with endogenous treatment effects
[R]	expoisson	Exact Poisson regression
[FMM]	fmm estimation	Fitting finite mixture models
[R]	heckpoisson	Poisson regression with sample selection
[ME]	menbreg	Multilevel mixed-effects negative binomial regression
[ME]	mepoisson	Multilevel mixed-effects Poisson regression
[R]	nbreg	Negative binomial regression
[R]	poisson	Poisson regression
[LASSO]	popoisson	Partialing-out lasso Poisson 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
[R]	tnbreg	Truncated negative binomial regression
[R]	tpoisson	Truncated Poisson regression
[LASSO]	xpopoisson	Cross-fit partialing-out lasso Poisson regression
[XT]	xtnbreg	Fixed-effects, random-effects, & population-averaged negative binomial models

[XT]	xtpoisson	Fixed-effects, random-effects, and population-averaged Poisson models
[R]	zinb	Zero-inflated negative binomial regression
[R]	zip	Zero-inflated Poisson regression

Discriminant analysis

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

Do-it-yourself generalized method of moments

[U]	Section 27.23	Generalized method of moments (GMM)
[R]	gmm	Generalized method of moments estimation
[P]	matrix	Introduction to matrix commands

Do-it-yourself maximum likelihood estimation

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

Dynamic stochastic general equilibrium models

[U]	Section 27.28	Dynamic stochastic general equilibrium (DSGE) models
[DSGE]	Intro	Introduction
[DSGE]	Intro 1	Introduction to DSGEs
[DSGE]	Intro 2	Learning the syntax
[DSGE]	Intro 3	Classic DSGE examples
[DSGE]	Intro 3a	New Keynesian model
[DSGE]	Intro 3b	New Classical model
[DSGE]	Intro 3c	Financial frictions model
[DSGE]	Intro 3d	Nonlinear New Keynesian model
[DSGE]	Intro 3e	Nonlinear New Classical model
[DSGE]	Intro 3f	Stochastic growth model
[DSGE]	Intro 4	Writing a DSGE in a solvable form
[DSGE]	Intro 4a	Specifying a shock on a control variable
[DSGE]	Intro 4b	Including a lag of a control variable
[DSGE]	Intro 4c	Including a lag of a state variable
[DSGE]	Intro 4d	Including an expectation dated by more than one period ahead
[DSGE]	Intro 4e	Including a second-order lag of a control
[DSGE]	Intro 4f	Including an observed exogenous variable
[DSGE]	Intro 4g	Correlated state variables
[DSGE]	Intro 5	Stability conditions
[DSGE]	Intro 6	Identification
[DSGE]	Intro 7	Convergence problems
[DSGE]	Intro 8	Wald tests vary with nonlinear transforms
[DSGE]	dsge	Linear dynamic stochastic general equilibrium models
[DSGE]	dsge postestimation	Postestimation tools for dsge

[DSGE]	dsgenl	Nonlinear dynamic stochastic general equilibrium models
[DSGE]	dsgenl postestimation	Postestimation tools for dsgenl
[DSGE]	estat covariance	Display estimated covariances of model variables
[DSGE]	estat policy	Display policy matrix
[DSGE]	estat stable	Check stability of system
[DSGE]	estat steady	Display steady state of nonlinear DSGE model
[DSGE]	estat transition	Display state transition matrix

Endogenous covariates

[U]	Chapter 20	Estimation and postestimation commands
[U]	Chapter 27	Overview of Stata estimation commands
[ERM]	eintreg	Extended interval regression
[ERM]	eoprobit	Extended ordered probit regression
[ERM]	eprobit	Extended probit regression
[ERM]	eregress	Extended linear regression
[TE]	eteffects	Endogenous treatment-effects estimation
[TE]	etpoisson	Poisson regression with endogenous treatment effects
[TE]	etregress	Linear regression with endogenous treatment effects
[TS]	forecast	Econometric model forecasting
[R]	gmm	Generalized method of moments estimation
[R]	ivpoisson	Poisson model with continuous endogenous covariates
[R]	ivprobit	Probit model with continuous endogenous covariates
[R]	ivregress	Single-equation instrumental-variables regression
[R]	ivtobit	Tobit model with continuous endogenous covariates
[LASSO]	poivregrss	Partialing-out lasso instrumental-variables regression
[R]	reg3	Three-stage estimation for systems of simultaneous equations
[LASSO]	xpoivregrss	Cross-fit partialing-out lasso instrumental-variables regression
[XT]	xtabond	Arellano–Bond linear dynamic panel-data estimation
[XT]	xtdpd	Linear dynamic panel-data estimation
[XT]	xtpdpsys	Arellano–Bover/Blundell–Bond linear dynamic panel-data estimation
[XT]	xteintreg	Extended random-effects interval regression
[XT]	xteoprobit	Extended random-effects ordered probit regression
[XT]	xtepribit	Extended random-effects probit regression
[XT]	xteregress	Extended random-effects linear regression
[XT]	xthtaylor	Hausman–Taylor estimator for error-components models
[XT]	xtivreg	Instrumental variables and two-stage least squares for panel-data models

Epidemiology and related

[R]	binreg	Generalized linear models: Extensions to the binomial family
[R]	brier	Brier score decomposition
[R]	clogit	Conditional (fixed-effects) logistic regression
[R]	dstdize	Direct and indirect standardization
[R]	Epitab	Tables for epidemiologists
[R]	exlogistic	Exact logistic regression
[R]	expoission	Exact Poisson regression
[R]	glm	Generalized linear models
[D]	icd	Introduction to ICD commands
[D]	icd10	ICD-10 diagnosis codes
[D]	icd10cm	ICD-10-CM diagnosis codes
[D]	icd10pcs	ICD-10-PCS procedure codes
[D]	icd9	ICD-9-CM diagnosis codes

[D]	icd9p	ICD-9-CM procedure codes
[R]	kappa	Interrater agreement
[R]	logistic	Logistic regression, reporting odds ratios
[R]	nbreg	Negative binomial regression
[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 [Multilevel mixed-effects models](#), [Survival analysis](#), [Structural equation modeling](#), and [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 27.8	Count outcomes
[U]	Section 27.11	Exact estimators
[R]	bitest	Binomial probability test
[R]	centile	Report centile and confidence interval
[R]	ci	Confidence intervals for means, proportions, and variances
[R]	dstdize	Direct and indirect standardization
[R]	Epitab	Tables for epidemiologists
[R]	exlogistic	Exact logistic regression
[R]	expoison	Exact Poisson regression
[R]	ksmirnov	Kolmogorov–Smirnov equality-of-distributions test
[R]	loneway	Large one-way ANOVA, random effects, and reliability
[PSS-2]	power oneproportion	Power analysis for a one-sample proportion test
[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

Extended regression models

[ERM]	ERM options	Extended regression model options
[ERM]	Intro 1	An introduction to the ERM commands
[ERM]	Intro 2	The models that ERMs fit
[ERM]	Intro 3	Endogenous covariates features
[ERM]	Intro 4	Endogenous sample-selection features
[ERM]	Intro 5	Treatment assignment features
[ERM]	Intro 6	Panel data and grouped data model features
[ERM]	Intro 7	Model interpretation
[ERM]	Intro 8	A Rosetta stone for extended regression commands
[ERM]	Intro 9	Conceptual introduction via worked example
[ERM]	eintreg	Extended interval regression
[ERM]	eintreg postestimation	Postestimation tools for eintreg and xteintreg
[ERM]	eintreg predict	predict after eintreg and xteintreg
[ERM]	eoprobit	Extended ordered probit regression
[ERM]	eoprobit postestimation	Postestimation tools for eoprobit and xteoprobit
[ERM]	eoprobit predict	predict after eoprobit and xteoprobit
[ERM]	eprobit	Extended probit regression
[ERM]	eprobit postestimation	Postestimation tools for eprobit and xtepribit
[ERM]	eprobit predict	predict after eprobit and xtepribit
[ERM]	eregress	Extended linear regression
[ERM]	eregress postestimation	Postestimation tools for egress and xteregress
[ERM]	eregress predict	predict after egress and xteregress
[ERM]	estat teffects	Average treatment effects for extended regression models
[ERM]	Example 1a	Linear regression with continuous endogenous covariate
[ERM]	Example 1b	Interval regression with continuous endogenous covariate
[ERM]	Example 1c	Interval regression with endogenous covariate and sample selection
[ERM]	Example 2a	Linear regression with binary endogenous covariate
[ERM]	Example 2b	Linear regression with exogenous treatment
[ERM]	Example 2c	Linear regression with endogenous treatment
[ERM]	Example 3a	Probit regression with continuous endogenous covariate
[ERM]	Example 3b	Probit regression with endogenous covariate and treatment
[ERM]	Example 4a	Probit regression with endogenous sample selection
[ERM]	Example 4b	Probit regression with endogenous treatment and sample selection
[ERM]	Example 5	Probit regression with endogenous ordinal treatment
[ERM]	Example 6a	Ordered probit regression with endogenous treatment
[ERM]	Example 6b	Ordered probit regression with endogenous treatment and sample selection
[ERM]	Example 7	Random-effects regression with continuous endogenous covariate
[ERM]	Example 8a	Random effects in one equation and endogenous covariate
[ERM]	Example 8b	Random effects, endogenous covariate, and endogenous sample selection
[ERM]	Example 9	Ordered probit regression with endogenous treatment and random effects
[ERM]	predict advanced	predict's advanced features
[ERM]	predict treatment	predict for treatment statistics
[ERM]	Triangularize	How to triangularize a system of equations
[XT]	xteintreg	Extended random-effects interval regression
[XT]	xteoprobit	Extended random-effects ordered probit regression
[XT]	xteprobit	Extended random-effects probit regression
[XT]	xteregress	Extended random-effects linear regression

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]	screeplot	Scree plot of eigenvalues
[R]	tetrachoric	Tetrachoric correlations for binary variables

Finite mixture models

[U]	Section 27.26	Finite mixture models (FMMs)
[FMM]	estat eform	Display exponentiated coefficients
[FMM]	estat lcmean	Latent class marginal means
[FMM]	estat lcprob	Latent class marginal probabilities
[FMM]	Example 1a	Mixture of linear regression models
[FMM]	Example 1b	Covariates for class membership
[FMM]	Example 1c	Testing coefficients across class models
[FMM]	Example 1d	Component-specific covariates
[FMM]	Example 2	Mixture of Poisson regression models
[FMM]	Example 3	Zero-inflated models
[FMM]	Example 4	Mixture cure models for survival data
[FMM]	fmm	Finite mixture models using the fmm prefix
[FMM]	fmm estimation	Fitting finite mixture models
[FMM]	fmm intro	Introduction to finite mixture models
[FMM]	fmm postestimation	Postestimation tools for fmm
[FMM]	fmm: betareg	Finite mixtures of beta regression models
[FMM]	fmm: cloglog	Finite mixtures of complementary log-log regression models
[FMM]	fmm: glm	Finite mixtures of generalized linear regression models
[FMM]	fmm: intreg	Finite mixtures of interval regression models
[FMM]	fmm: ivregress	Finite mixtures of linear regression models with endogenous covariates
[FMM]	fmm: logit	Finite mixtures of logistic regression models
[FMM]	fmm: mlogit	Finite mixtures of multinomial (polytomous) logistic regression models
[FMM]	fmm: nbreg	Finite mixtures of negative binomial regression models
[FMM]	fmm: ologit	Finite mixtures of ordered logistic regression models
[FMM]	fmm:oprobit	Finite mixtures of ordered probit regression models
[FMM]	fmm: pointmass	Finite mixtures models with a density mass at a single point
[FMM]	fmm: poisson	Finite mixtures of Poisson regression models
[FMM]	fmm: probit	Finite mixtures of probit regression models
[FMM]	fmm: regress	Finite mixtures of linear regression models
[FMM]	fmm: streg	Finite mixtures of parametric survival models
[FMM]	fmm: tobit	Finite mixtures of tobit regression models
[FMM]	fmm: tpoisson	Finite mixtures of truncated Poisson regression models
[FMM]	fmm: truncreg	Finite mixtures of truncated linear regression models

Fractional outcomes

[BAYES]	bayes: betareg	Bayesian beta regression
[BAYES]	bayes: fracreg	Bayesian fractional response regression
[R]	betareg	Beta regression
[TE]	eteffects	Endogenous treatment-effects estimation

[FMM]	fmm: betareg	Finite mixtures of beta regression models
[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 27.9	Generalized linear models
[BAYES]	bayes: glm	Bayesian generalized linear models
[R]	binreg	Generalized linear models: Extensions to the binomial family
[FMM]	fmm: glm	Finite mixtures of generalized linear regression models
[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 26	Working with categorical data and factor variables
[R]	fvset	Declare factor-variable settings

Item response theory

[U]	Section 27.27	Item response theory (IRT)
[IRT]	Control Panel	IRT Control Panel
[IRT]	DIF	Introduction to differential item functioning
[IRT]	diflogistic	Logistic regression DIF
[IRT]	difmh	Mantel–Haenszel DIF
[IRT]	estat grepport	Report estimated group IRT parameters
[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 constraints	Specifying constraints
[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]	irt, group()	IRT models for multiple groups
[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

Lasso

[U]	Section 27.29	Lasso
[LASSO]	Collinear covariates	Treatment of collinear covariates
[LASSO]	Inference examples	Examples and workflow for inference
[LASSO]	Inference requirements	Requirements for inference
[LASSO]	Lasso inference intro	Introduction to inferential lasso models
[LASSO]	Lasso intro	Introduction to lasso

[LASSO]	coefpath	Plot path of coefficients after lasso
[LASSO]	cvplot	Plot cross-validation function after lasso
[LASSO]	dslogit	Double-selection lasso logistic regression
[LASSO]	dspoisson	Double-selection lasso Poisson regression
[LASSO]	dsregress	Double-selection lasso linear regression
[LASSO]	elasticnet	Elastic net for prediction and model selection
[LASSO]	estimates store	Saving and restoring estimates in memory and on disk
[LASSO]	lasso	Lasso for prediction and model selection
[LASSO]	lasso examples	Examples of lasso for prediction
[LASSO]	lasso fitting	The process (in a nutshell) of fitting lasso models
[LASSO]	lasso inference postestimation	Postestimation tools for lasso inferential models
[LASSO]	lasso options	Lasso options for inferential models
[LASSO]	lasso postestimation	Postestimation tools for lasso for prediction
[LASSO]	lassocoef	Display coefficients after lasso estimation results
[LASSO]	lassogof	Goodness of fit after lasso for prediction
[LASSO]	lassoinfo	Display information about lasso estimation results
[LASSO]	lassoknots	Display knot table after lasso estimation
[LASSO]	lassoselect	Select lambda after lasso
[LASSO]	poivregress	Partialing-out lasso instrumental-variables regression
[LASSO]	pologit	Partialing-out lasso logistic regression
[LASSO]	popoisson	Partialing-out lasso Poisson regression
[LASSO]	poregress	Partialing-out lasso linear regression
[LASSO]	sqrllasso	Square-root lasso for prediction and model selection
[LASSO]	xpoivregress	Cross-fit partialing-out lasso instrumental-variables regression
[LASSO]	xpologit	Cross-fit partialing-out lasso logistic regression
[LASSO]	xpopoisson	Cross-fit partialing-out lasso Poisson regression
[LASSO]	xporegress	Cross-fit partialing-out lasso linear regression

Latent class models

[U]	Section 27.25	Latent class models
[SEM]	estat lcmean	Latent class marginal means
[SEM]	estat lcprob	Latent class marginal probabilities
[SEM]	Example 50g	Latent class model
[SEM]	Example 52g	Latent profile model
[SEM]	Example 53g	Finite mixture Poisson regression
[SEM]	Intro 2	Learning the language: Path diagrams and command language
[SEM]	Intro 5	Tour of models

Linear regression and related

[U]	Chapter 20	Estimation and postestimation commands
[U]	Chapter 27	Overview of Stata estimation commands
[R]	areg	Linear regression with a large dummy-variable set
[BAYES]	Bayesian estimation	Bayesian estimation commands
[R]	cnsreg	Constrained linear regression
[R]	constraint	Define and list constraints
[LASSO]	dsregress	Double-selection lasso linear regression
[R]	eivreg	Errors-in-variables regression
[ERM]	eregress	Extended linear regression
[TE]	etpoisson	Poisson regression with endogenous treatment effects
[TE]	etregress	Linear regression with endogenous treatment effects
[FMM]	fmm estimation	Fitting finite mixture models

[R]	<code>fp</code>	Fractional polynomial regression
[R]	<code>frontier</code>	Stochastic frontier models
[R]	<code>glm</code>	Generalized linear models
[R]	<code>heckman</code>	Heckman selection model
[R]	<code>hetregress</code>	Heteroskedastic linear regression
[R]	<code>ivpoisson</code>	Poisson 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>lpoly</code>	Kernel-weighted local polynomial smoothing
[ME]	<code>meglm</code>	Multilevel mixed-effects generalized linear model
[META]	<code>meta regress</code>	Meta-analysis regression
[R]	<code>mfp</code>	Multivariable fractional polynomial models
[ME]	<code>mixed</code>	Multilevel mixed-effects linear regression
[MV]	<code>mvreg</code>	Multivariate regression
[R]	<code>nestreg</code>	Nested model statistics
[TS]	<code>newey</code>	Regression with Newey–West standard errors
[LASSO]	<code>poivregress</code>	Partialing-out lasso instrumental-variables regression
[LASSO]	<code>poregress</code>	Partialing-out lasso linear regression
[TS]	<code>prais</code>	Prais–Winsten and Cochrane–Orcutt regression
[R]	<code>qreg</code>	Quantile regression
[R]	<code>reg3</code>	Three-stage estimation for systems of simultaneous equations
[R]	<code>regress</code>	Linear regression
[R]	<code>rocfit</code>	Parametric ROC models
[R]	<code>rreg</code>	Robust regression
[ST]	<code>stcox</code>	Cox proportional hazards model
[ST]	<code>stcrreg</code>	Competing-risks regression
[R]	<code>stepwise</code>	Stepwise estimation
[ST]	<code>stintreg</code>	Parametric models for interval-censored survival-time data
[ST]	<code>streg</code>	Parametric survival models
[R]	<code>sureg</code>	Zellner's seemingly unrelated regression
[R]	<code>tnbreg</code>	Truncated negative binomial regression
[R]	<code>vwls</code>	Variance-weighted least squares
[LASSO]	<code>xpoivregress</code>	Cross-fit partialing-out lasso instrumental-variables regression
[LASSO]	<code>xporegress</code>	Cross-fit partialing-out lasso linear regression
[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>xteregress</code>	Extended random-effects linear regression
[XT]	<code>xtgee</code>	Fit population-averaged panel-data models by using GEE
[XT]	<code>xtgls</code>	Fit panel-data models by using GLS
[XT]	<code>xtheckman</code>	Random-effects regression with sample selection
[XT]	<code>xthtaylor</code>	Hausman–Taylor estimator for error-components models
[XT]	<code>xtivreg</code>	Instrumental variables and two-stage least squares for panel-data models
[XT]	<code>xtpcse</code>	Linear regression with panel-corrected standard errors
[XT]	<code>xtrc</code>	Random-coefficients model
[XT]	<code>xtreg</code>	Fixed-, between-, and random-effects and population-averaged linear models
[XT]	<code>xtregar</code>	Fixed- and random-effects linear models with an AR(1) disturbance
[XT]	<code>xtstreg</code>	Random-effects parametric survival models

Logistic and probit regression

[U]	Chapter 20	Estimation and postestimation commands
[U]	Chapter 27	Overview of Stata estimation commands
[R]	biprobit	Bivariate probit regression
[R]	clogit	Conditional (fixed-effects) logistic regression
[R]	cloglog	Complementary log-log regression
[CM]	cmclogit	Conditional logit (McFadden's) choice model
[CM]	cmmixlogit	Mixed logit choice model
[CM]	cmmprobit	Multinomial probit choice model
[CM]	cmrologit	Rank-ordered logit choice model
[CM]	cmrprobit	Rank-ordered probit choice model
[CM]	cmxmixlogit	Panel-data mixed logit choice model
[LASSO]	dslogit	Double-selection lasso logistic regression
[ERM]	eoprobit	Extended ordered probit regression
[ERM]	eprobit	Extended probit regression
[R]	exlogistic	Exact logistic regression
[R]	heckprob	Ordered probit model with sample selection
[R]	heckprob	Probit model with sample selection
[R]	hetoprob	Heteroskedastic ordered probit regression
[R]	hetprob	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
[R]	mlogit	Multinomial (polytomous) logistic regression
[R]	mprobit	Multinomial probit regression
[CM]	nlogit	Nested logit regression
[R]	ologit	Ordered logistic regression
[R]	oprobit	Ordered probit regression
[LASSO]	pologit	Partialing-out lasso logistic regression
[R]	probit	Probit regression
[R]	scobit	Skewed logistic regression
[R]	slogit	Stereotype logistic regression
[LASSO]	xpologit	Cross-fit partialing-out lasso logistic regression
[XT]	xtcloglog	Random-effects and population-averaged cloglog models
[XT]	xteoprobit	Extended random-effects ordered probit regression
[XT]	xteprobit	Extended random-effects probit regression
[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
[R]	zioprobit	Zero-inflated ordered probit regression

Longitudinal data/panel data

[U]	Chapter 20	Estimation and postestimation commands
[U]	Section 27.15	Panel-data models
[ERM]	eintreg	Extended interval regression
[ERM]	eoprobit	Extended ordered probit regression
[ERM]	eprobit	Extended probit regression
[ERM]	eregress	Extended linear 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]	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]	xtcointtest	Panel-data cointegration tests
[XT]	xtdata	Faster specification searches with xt data
[XT]	xtdescribe	Describe pattern of xt data
[XT]	xtdpd	Linear dynamic panel-data estimation
[XT]	xtpdpsys	Arellano–Bover/Blundell–Bond linear dynamic panel-data estimation
[XT]	xteintreg	Extended random-effects interval regression
[XT]	xteoprobit	Extended random-effects ordered probit regression
[XT]	xtepoprobit	Extended random-effects probit regression
[XT]	xteregress	Extended random-effects linear regression
[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]	xtheckman	Random-effects regression with sample selection
[XT]	xthtaylor	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]	<code>xttab</code>	Tabulate xt data
[XT]	<code>xttobit</code>	Random-effects tobit models
[XT]	<code>xtunitroot</code>	Panel-data unit-root tests

Meta-analysis

[U]	<code>Section 27.18</code>	Meta-analysis
[META]	<code>Intro</code>	Introduction to meta-analysis
[META]	<code>estat bubbleplot</code>	Bubble plots after meta regress
[META]	<code>meta</code>	Introduction to meta
[META]	<code>meta bias</code>	Tests for small-study effects in meta-analysis
[META]	<code>meta data</code>	Declare meta-analysis data
[META]	<code>meta esize</code>	Compute effect sizes and declare meta-analysis data
[META]	<code>meta forestplot</code>	Forest plots
[META]	<code>meta funnelplot</code>	Funnel plots
[META]	<code>meta labbeplot</code>	L'Abbé plots
[META]	<code>meta regress</code>	Meta-analysis regression
[META]	<code>meta set</code>	Declare meta-analysis data using generic effect sizes
[META]	<code>meta summarize</code>	Summarize meta-analysis data
[META]	<code>meta trimfill</code>	Nonparametric trim-and-fill analysis of publication bias
[META]	<code>meta update</code>	Update, describe, and clear meta-analysis settings

Mixed models

[U]	<code>Chapter 20</code>	Estimation and postestimation commands
[U]	<code>Section 27.16</code>	Multilevel mixed-effects models
[R]	<code>anova</code>	Analysis of variance and covariance
[ME]	<code>estat df</code>	Calculate degrees of freedom for fixed effects
[ME]	<code>estat group</code>	Summarize the composition of the nested groups
[ME]	<code>estat icc</code>	Estimate intraclass correlations
[ME]	<code>estat recovariance</code>	Display estimated random-effects covariance matrices
[ME]	<code>estat sd</code>	Display variance components as standard deviations and correlations
[ME]	<code>estat wcorrelation</code>	Display within-cluster correlations and standard deviations
[R]	<code>icc</code>	Intraclass correlation coefficients
[MV]	<code>manova</code>	Multivariate analysis of variance and covariance
[ME]	<code>me</code>	Introduction to multilevel mixed-effects models
[ME]	<code>mecloglog</code>	Multilevel mixed-effects complementary log-log regression
[ME]	<code>meglm</code>	Multilevel mixed-effects generalized linear model
[ME]	<code>meintreg</code>	Multilevel mixed-effects interval regression
[ME]	<code>melogit</code>	Multilevel mixed-effects logistic regression
[ME]	<code>menbreg</code>	Multilevel mixed-effects negative binomial regression
[ME]	<code>menl</code>	Nonlinear mixed-effects regression
[ME]	<code>meologit</code>	Multilevel mixed-effects ordered logistic regression
[ME]	<code>meoprobit</code>	Multilevel mixed-effects ordered probit regression
[ME]	<code>mepoisson</code>	Multilevel mixed-effects Poisson regression
[ME]	<code>meprobit</code>	Multilevel mixed-effects probit regression
[ME]	<code>mestreg</code>	Multilevel mixed-effects parametric survival models
[ME]	<code>metobit</code>	Multilevel mixed-effects tobit regression
[ME]	<code>mixed</code>	Multilevel mixed-effects linear regression
[XT]	<code>xtcloglog</code>	Random-effects and population-averaged cloglog models
[XT]	<code>xtintreg</code>	Random-effects interval-data regression models
[XT]	<code>xtlogit</code>	Fixed-effects, random-effects, and population-averaged logit models

[XT]	<code>xtologit</code>	Random-effects ordered logistic models
[XT]	<code>xtprobit</code>	Random-effects ordered probit models
[XT]	<code>xtprobit</code>	Random-effects and population-averaged probit models
[XT]	<code>xtrc</code>	Random-coefficients model
[XT]	<code>xtreg</code>	Fixed-, between-, and random-effects and population-averaged linear models
[XT]	<code>xttobit</code>	Random-effects tobit models

Multidimensional scaling and biplots

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

Multilevel mixed-effects models

[U]	<code>Section 27.16</code>	Multilevel mixed-effects models
[BAYES]	<code>Bayesian estimation</code>	Bayesian estimation commands
[ME]	<code>me</code>	Introduction to multilevel mixed-effects models
[ME]	<code>mecloglog</code>	Multilevel mixed-effects complementary log-log regression
[ME]	<code>meglm</code>	Multilevel mixed-effects generalized linear model
[ME]	<code>meintreg</code>	Multilevel mixed-effects interval regression
[ME]	<code>melogit</code>	Multilevel mixed-effects logistic regression
[ME]	<code>menbreg</code>	Multilevel mixed-effects negative binomial regression
[ME]	<code>menl</code>	Nonlinear mixed-effects regression
[ME]	<code>meologit</code>	Multilevel mixed-effects ordered logistic regression
[ME]	<code>meoprobit</code>	Multilevel mixed-effects ordered probit regression
[ME]	<code>mepoisson</code>	Multilevel mixed-effects Poisson regression
[ME]	<code>meprobit</code>	Multilevel mixed-effects probit regression
[ME]	<code>mestreg</code>	Multilevel mixed-effects parametric survival models
[ME]	<code>metobit</code>	Multilevel mixed-effects tobit regression
[ME]	<code>mixed</code>	Multilevel mixed-effects linear regression

Multiple imputation

[U]	<code>Section 27.31</code>	Multiple imputation
[MI]	<code>Intro</code>	Introduction to mi
[MI]	<code>Intro substantive</code>	Introduction to multiple-imputation analysis
[MI]	<code>Estimation</code>	Estimation commands for use with mi estimate
[MI]	<code>mi estimate</code>	Estimation using multiple imputations
[MI]	<code>mi estimate using</code>	Estimation using previously saved estimation results
[MI]	<code>mi estimate postestimation</code>	Postestimation tools for mi estimate
[MI]	<code>mi impute</code>	Impute missing values
[MI]	<code>mi impute chained</code>	Impute missing values using chained equations
[MI]	<code>mi impute intreg</code>	Impute using interval regression
[MI]	<code>mi impute logit</code>	Impute using logistic regression
[MI]	<code>mi impute mlogit</code>	Impute using multinomial logistic regression
[MI]	<code>mi impute monotone</code>	Impute missing values in monotone data
[MI]	<code>mi impute mvn</code>	Impute using multivariate normal regression
[MI]	<code>mi impute nbreg</code>	Impute using negative binomial regression
[MI]	<code>mi impute ologit</code>	Impute using ordered logistic regression
[MI]	<code>mi impute pmm</code>	Impute using predictive mean matching
[MI]	<code>mi impute poisson</code>	Impute using Poisson regression

[MI]	<i>mi impute regress</i>	Impute using linear regression
[MI]	<i>mi impute truncreg</i>	Impute using truncated regression
[MI]	<i>mi impute usermethod</i>	User-defined imputation methods
[MI]	<i>mi predict</i>	Obtain multiple-imputation predictions
[MI]	<i>mi test</i>	Test hypotheses after <i>mi estimate</i>

Multivariate analysis of variance and related techniques

[U]	<i>Section 27.22</i>	Multivariate analysis
[MV]	<i>canon</i>	Canonical correlations
[MV]	<i>hotelling</i>	Hotelling's T-squared generalized means test
[MV]	<i>manova</i>	Multivariate analysis of variance and covariance
[MV]	<i>mvreg</i>	Multivariate regression
[MV]	<i>mvtest covariances</i>	Multivariate tests of covariances
[MV]	<i>mvtest means</i>	Multivariate tests of means

Nonlinear regression

[R]	<i>boxcox</i>	Box–Cox regression models
[ME]	<i>menl</i>	Nonlinear mixed-effects regression
[R]	<i>nl</i>	Nonlinear least-squares estimation
[R]	<i>nlsur</i>	Estimation of nonlinear systems of equations

Nonparametric statistics

[R]	<i>bitest</i>	Binomial probability test
[R]	<i>bootstrap</i>	Bootstrap sampling and estimation
[R]	<i>bsample</i>	Sampling with replacement
[R]	<i>bstat</i>	Report bootstrap results
[R]	<i>centile</i>	Report centile and confidence interval
[R]	<i>cusum</i>	Cusum plots and tests for binary variables
[R]	<i>kdensity</i>	Univariate kernel density estimation
[R]	<i>ksmirnov</i>	Kolmogorov–Smirnov equality-of-distributions test
[R]	<i>kwallis</i>	Kruskal–Wallis equality-of-populations rank test
[R]	<i>lowess</i>	Lowess smoothing
[R]	<i>lpoly</i>	Kernel-weighted local polynomial smoothing
[R]	<i>npregress intro</i>	Introduction to nonparametric regression
[R]	<i>npregress kernel</i>	Nonparametric kernel regression
[R]	<i>npregress series</i>	Nonparametric series regression
[R]	<i>np trend</i>	Test for trend across ordered groups
[R]	<i>prtest</i>	Tests of proportions
[R]	<i>qreg</i>	Quantile regression
[R]	<i>ranksum</i>	Equality tests on unmatched data
[R]	<i>roc</i>	Receiver operating characteristic (ROC) analysis
[R]	<i>roccomp</i>	Tests of equality of ROC areas
[R]	<i>rocreg</i>	Receiver operating characteristic (ROC) regression
[R]	<i>rocregplot</i>	Plot marginal and covariate-specific ROC curves after <i>rocreg</i>
[R]	<i>roctab</i>	Nonparametric ROC analysis
[R]	<i>runttest</i>	Test for random order
[R]	<i>signrank</i>	Equality tests on matched data
[R]	<i>simulate</i>	Monte Carlo simulations
[R]	<i>smooth</i>	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
[BAYES]	Bayesian estimation	Bayesian estimation commands
[CM]	cmrlogit	Rank-ordered logit choice model
[CM]	cmprobit	Rank-ordered probit choice model
[ERM]	eoprobit	Extended ordered probit regression
[FMM]	fmm estimation	Fitting finite mixture models
[R]	heckoprobit	Ordered probit model with sample selection
[R]	hetoprobit	Heteroskedastic ordered probit regression
[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
[XT]	xteoprobit	Extended random-effects ordered probit regression
[XT]	xtlogit	Random-effects ordered logistic models
[XT]	xtpoprobit	Random-effects ordered probit models
[R]	zioprobit	Zero-inflated ordered probit regression

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 27.21	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, precision, and sample size

[U]	Section 27.32	Power, precision, and sample-size analysis
[PSS-1]	Intro	Introduction to power, precision, and sample-size analysis
[PSS-3]	Intro (ciwidth)	Introduction to precision and sample-size analysis for confidence intervals
[PSS-2]	Intro (power)	Introduction to power and sample-size analysis for hypothesis tests

[PSS-3]	<code>ciwidth</code>	Precision and sample-size analysis for CIs
[PSS-3]	<code>ciwidth onemean</code>	Precision analysis for a one-mean CI
[PSS-3]	<code>ciwidth onevariance</code>	Precision analysis for a one-variance CI
[PSS-3]	<code>ciwidth pairedmeans</code>	Precision analysis for a paired-means-difference CI
[PSS-3]	<code>ciwidth twomeans</code>	Precision analysis for a two-means-difference CI
[PSS-3]	<code>ciwidth usermethod</code>	Add your own methods to the <code>ciwidth</code> command
[PSS-3]	<code>ciwidth, graph</code>	Graph results from the <code>ciwidth</code> command
[PSS-3]	<code>ciwidth, table</code>	Produce table of results from the <code>ciwidth</code> command
[PSS-3]	<code>GUI (ciwidth)</code>	Graphical user interface for precision and sample-size analysis
[PSS-2]	<code>GUI (power)</code>	Graphical user interface for power and sample-size analysis
[PSS-2]	<code>power</code>	Power and sample-size analysis for hypothesis tests
[PSS-2]	<code>power cmh</code>	Power and sample size for the Cochran–Mantel–Haenszel test
[PSS-2]	<code>power cox</code>	Power analysis for the Cox proportional hazards model
[PSS-2]	<code>power exponential</code>	Power analysis for a two-sample exponential test
[PSS-2]	<code>power logrank</code>	Power analysis for the log-rank test
[PSS-2]	<code>power logrank, cluster</code>	Power analysis for the log-rank test, CRD
[PSS-2]	<code>power mcc</code>	Power analysis for matched case–control studies
[PSS-2]	<code>power onecorrelation</code>	Power analysis for a one-sample correlation test
[PSS-2]	<code>power onemean</code>	Power analysis for a one-sample mean test
[PSS-2]	<code>power onemean, cluster</code>	Power analysis for a one-sample mean test, CRD
[PSS-2]	<code>power oneproportion</code>	Power analysis for a one-sample proportion test
[PSS-2]	<code>power oneproportion, cluster</code>	Power analysis for a one-sample proportion test, CRD
[PSS-2]	<code>power oneslope</code>	Power analysis for a slope test in a simple linear regression
[PSS-2]	<code>power onevariance</code>	Power analysis for a one-sample variance test
[PSS-2]	<code>power oneway</code>	Power analysis for one-way analysis of variance
[PSS-2]	<code>power pairedmeans</code>	Power analysis for a two-sample paired-means test
[PSS-2]	<code>power pairedproportions</code>	Power analysis for a two-sample paired-proportions test
[PSS-2]	<code>power pcorr</code>	Power analysis for a partial-correlation test in a multiple linear regression
[PSS-2]	<code>power repeated</code>	Power analysis for repeated-measures analysis of variance
[PSS-2]	<code>power rsquared</code>	Power analysis for an R^2 test in a multiple linear regression
[PSS-2]	<code>power trend</code>	Power analysis for the Cochran–Armitage trend test
[PSS-2]	<code>power twocorrelations</code>	Power analysis for a two-sample correlations test
[PSS-2]	<code>power twomeans</code>	Power analysis for a two-sample means test
[PSS-2]	<code>power twomeans, cluster</code>	Power analysis for a two-sample means test, CRD
[PSS-2]	<code>power twoproportions</code>	Power analysis for a two-sample proportions test
[PSS-2]	<code>power twoproportions, cluster</code>	Power analysis for a two-sample proportions test, CRD
[PSS-2]	<code>power twovariances</code>	Power analysis for a two-sample variances test
[PSS-2]	<code>power twoway</code>	Power analysis for two-way analysis of variance
[PSS-2]	<code>power usermethod</code>	Add your own methods to the <code>power</code> command
[PSS-2]	<code>power, graph</code>	Graph results from the <code>power</code> command
[PSS-2]	<code>power, table</code>	Produce table of results from the <code>power</code> command
[PSS-4]	<code>Unbalanced designs</code>	Specifications for unbalanced designs

Quality control

[R]	<code>QC</code>	Quality control charts
[R]	<code>cusum</code>	Cusum plots and tests for binary variables
[R]	<code>serrbar</code>	Graph standard error bar chart

ROC analysis

[U]	<code>Section 27.4.3</code>	ROC analysis
[R]	<code>roc</code>	Receiver operating characteristic (ROC) analysis

[R]	roccomp	Tests of equality of ROC areas
[R]	rocfit	Parametric ROC models
[R]	rocfit postestimation	Postestimation tools for rocfit
[R]	rocreg	Receiver operating characteristic (ROC) regression
[R]	rocreg postestimation	Postestimation tools for rocreg
[R]	rocregplot	Plot marginal and covariate-specific ROC curves after rocreg
[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 27.13	Models with endogenous sample selection
[BAYES]	Bayesian estimation	Bayesian estimation commands
[ERM]	eintreg	Extended interval regression
[ERM]	eoprobit	Extended ordered probit regression
[ERM]	eprobit	Extended probit regression
[ERM]	eregress	Extended linear regression
[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]	heckpoisson	Poisson regression with sample selection
[R]	heckprobit	Probit model with sample selection
[XT]	xteintreg	Extended random-effects interval regression
[XT]	xteoprobit	Extended random-effects ordered probit regression
[XT]	xteprobit	Extended random-effects probit regression
[XT]	xteregress	Extended random-effects linear regression
[XT]	xtheckman	Random-effects regression 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

Spatial autoregressive models

[U]	Section 27.19	Spatial autoregressive models
[SP]	Intro	Introduction to spatial data and SAR models
[SP]	Intro 1	A brief introduction to SAR models
[SP]	Intro 2	The W matrix
[SP]	Intro 3	Preparing data for analysis
[SP]	Intro 4	Preparing data: Data with shapefiles
[SP]	Intro 5	Preparing data: Data containing locations (no shapefiles)
[SP]	Intro 6	Preparing data: Data without shapefiles or locations
[SP]	Intro 7	Example from start to finish
[SP]	Intro 8	The Sp estimation commands

[SP]	estat moran	Moran's test of residual correlation with nearby residuals
[SP]	grmap	Graph choropleth maps
[SP]	spbalance	Make panel data strongly balanced
[SP]	spcompress	Compress Stata-format shapefile
[SP]	spdistance	Calculator for distance between places
[SP]	spggenerate	Generate variables containing spatial lags
[SP]	spivregress	Spatial autoregressive models with endogenous covariates
[SP]	spmatrix	Categorical guide to the spmatrix command
[SP]	spmatrix copy	Copy spatial weighting matrix stored in memory
[SP]	spmatrix create	Create standard weighting matrices
[SP]	spmatrix drop	List and delete weighting matrices stored in memory
[SP]	spmatrix export	Export weighting matrix to text file
[SP]	spmatrix fromdata	Create custom weighting matrix from data
[SP]	spmatrix import	Import weighting matrix from text file
[SP]	spmatrix matafromsp	Copy weighting matrix to Mata
[SP]	spmatrix normalize	Normalize weighting matrix
[SP]	spmatrix note	Put note on weighting matrix, or display it
[SP]	spmatrix save	Save spatial weighting matrix to file
[SP]	spmatrix spfrommata	Copy Mata matrix to Sp
[SP]	spmatrix summarize	Summarize weighting matrix stored in memory
[SP]	spmatrix use	Load spatial weighting matrix from file
[SP]	spmatrix userdefined	Create custom weighting matrix
[SP]	spregress	Spatial autoregressive models
[SP]	spset	Declare data to be Sp spatial data
[SP]	spshape2dta	Translate shapefile to Stata format
[SP]	spxtregress	Spatial autoregressive models for panel data

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 of variables
[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 selected	Show selected coefficients
[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, contrast	Contrasts of margins
[R]	margins, pwcompare	Pairwise comparisons of margins
[CM]	margins	Adjusted predictions, predictive margins, and marginal effects
[R]	marginsplot	Graph results from margins (profile plots, etc.)
[R]	margins	Marginal means, predictive margins, and marginal effects
[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 27.24	Structural equation modeling (SEM)
[SEM]	Builder	SEM Builder
[SEM]	Builder, generalized	SEM Builder for generalized models
[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]	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]	estat eform	Display exponentiated coefficients
[SEM]	estat eqgof	Equation-level goodness-of-fit statistics
[SEM]	estat eqtest	Equation-level tests 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 lcgof	Latent class goodness-of-fit statistics
[SEM]	estat lcmean	Latent class marginal means
[SEM]	estat lcprob	Latent class marginal probabilities
[SEM]	estat mindices	Modification indices
[SEM]	estat residuals	Display mean and covariance residuals
[SEM]	estat scoretests	Score tests
[SEM]	estat sd	Display variance components as standard deviations and correlations
[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]	Example 47g	Exponential survival model
[SEM]	Example 48g	Loglogistic survival model with censored and truncated data
[SEM]	Example 49g	Multiple-group Weibull survival model
[SEM]	Example 50g	Latent class model
[SEM]	Example 51g	Latent class goodness-of-fit statistics
[SEM]	Example 52g	Latent profile model
[SEM]	Example 53g	Finite mixture Poisson regression
[SEM]	Example 54g	Finite mixture Poisson regression, multiple responses
[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 group options	Fitting models on different groups
[SEM]	gsem lclass options	Fitting models with latent classes
[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]	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]	sem option select()	Using sem with summary statistics data
[SEM]	sem path notation extensions	Command syntax for path diagrams
[SEM]	sem postestimation	Postestimation tools for sem
[SEM]	sem reporting options	Options affecting reporting of results
[SEM]	sem ssd options	Options for use with summary statistics data
[SEM]	ssd	Making summary statistics data (sem only)
[SEM]	test	Wald test of linear hypotheses
[SEM]	testnl	Wald test of nonlinear hypotheses

Survey data

[U]	Chapter 20	Estimation and postestimation commands
[U]	Section 27.30	Survey data
[SVY]	Survey	Introduction to survey commands
[SVY]	<i>bootstrap_options</i>	More options for bootstrap variance estimation
[SVY]	<i>brr_options</i>	More options for BRR variance estimation
[SVY]	Calibration	Calibration for survey data
[SVY]	Direct standardization	Direct standardization of means, proportions, and ratios
[SVY]	estat	Postestimation statistics for survey data
[SVY]	<i>jackknife_options</i>	More options for jackknife variance estimation
[SVY]	ml for svy	Maximum pseudolikelihood estimation for survey data
[SVY]	Poststratification	Poststratification for survey data
[P]	<i>_robust</i>	Robust variance estimates
[SVY]	<i>sdr_options</i>	More options for SDR variance estimation
[SVY]	Subpopulation estimation	Subpopulation estimation for survey data
[SVY]	svy	The survey prefix command
[SVY]	svy bootstrap	Bootstrap for survey data
[SVY]	svy brr	Balanced repeated replication for survey data
[SVY]	svy estimation	Estimation commands for survey data
[SVY]	svy jackknife	Jackknife estimation for survey data
[SVY]	svy postestimation	Postestimation tools for svy
[SVY]	svy sdr	Successive difference replication for survey data
[SVY]	svy: tabulate oneway	One-way tables for survey data
[SVY]	svy: tabulate twoway	Two-way tables for survey data
[SVY]	svydescribe	Describe survey data
[SVY]	svymarkout	Mark observations for exclusion on the basis of survey characteristics
[SVY]	svyset	Declare survey design for dataset
[MI]	mi XXXset	Declare mi data to be svy, st, ts, xt, etc.
[SVY]	Variance estimation	Variance estimation for survey data

Survival analysis

[U]	Chapter 20	Estimation and postestimation commands
[U]	Section 27.15.5	Survival models with panel data
[U]	Section 27.17	Survival analysis models
[U]	Section 27.20	Treatment-effects models
[U]	Section 27.32	Power, precision, and sample-size analysis
[ST]	Survival analysis	Introduction to survival analysis
[BAYES]	bayes: streg	Bayesian parametric survival models
[ST]	ct	Count-time data
[ST]	ctset	Declare data to be count-time data
[ST]	cttost	Convert count-time data to survival-time data
[ST]	Discrete	Discrete-time survival analysis
[FMM]	fmm: streg	Finite mixtures of parametric survival models
[ST]	ltable	Life tables for survival data
[ME]	mestreg	Multilevel mixed-effects parametric survival models
[ST]	snapspan	Convert snapshot data to time-span data
[ST]	st	Survival-time data
[ST]	st_is	Survival analysis subroutines for programmers
[ST]	stbase	Form baseline dataset
[ST]	stci	Confidence intervals for means and percentiles of survival time
[ST]	stcox	Cox proportional hazards model

[ST]	stcox PH-assumption tests	Tests of proportional-hazards assumption
[ST]	stcrreg	Competing-risks regression
[ST]	stcurve	Plot survivor, hazard, cumulative hazard, or cumulative incidence function
[ST]	stdescribe	Describe survival-time data
[R]	stepwise	Stepwise estimation
[ST]	stfill	Fill in by carrying forward values of covariates
[ST]	stgen	Generate variables reflecting entire histories
[ST]	stintreg	Parametric models for interval-censored survival-time data
[ST]	stir	Report incidence-rate comparison
[ST]	stptime	Calculate person-time, incidence rates, and SMR
[ST]	strate	Tabulate failure rates and rate ratios
[ST]	streg	Parametric survival models
[ST]	sts	Generate, graph, list, and test the survivor and cumulative hazard functions
[ST]	sts generate	Create variables containing survivor and related functions
[ST]	sts graph	Graph the survivor, hazard, or cumulative hazard function
[ST]	sts list	List the survivor or cumulative hazard function
[ST]	sts test	Test equality of survivor functions
[ST]	stset	Declare data to be survival-time data
[MI]	mi XXXset	Declare mi data to be svy, st, ts, xt, etc.
[ST]	stsjoin	Join time-span records
[MI]	mi stsjoin	Stsjoin and stjoin mi data
[ST]	stsum	Summarize 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
[ST]	sttocc	Convert survival-time data to case-control data
[ST]	sttoco	Convert survival-time data to count-time data
[ST]	stvary	Report variables that vary over time
[XT]	xtstreg	Random-effects parametric survival models

Also see *Power, precision, 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 27.14	Time-series models
[TS]	Time series	Introduction to time-series commands
[TS]	dfactor	Dynamic-factor models
[TS]	fcast compute	Compute dynamic forecasts after var, svar, or vec
[TS]	fcast graph	Graph forecasts after fcast compute
[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 coeffvector	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]	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 ct able	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 dec	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	Time-series line plots
[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	Pairwise Granger causality tests after var or svar
[TS]	varlmar	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	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 27.14	Time-series models

[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	Graph 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 sbcusum	Cumulative sum test for parameter stability
[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]	threshold	Threshold regression
[TS]	tsappend	Add observations to a time-series dataset
[TS]	tsfill	Fill in gaps in time variable
[TS]	tsfilter	Filter a time series for cyclical components
[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	Time-series line plots
[TS]	tsreport	Report time-series aspects of a dataset or estimation sample
[TS]	tsrevar	Time-series operator programming command
[TS]	tset	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 27.20	Treatment-effects models
[TE]	Treatment effects	Introduction to treatment-effects commands
[ERM]	eintreg	Extended interval regression
[ERM]	eoprobit	Extended ordered probit regression
[ERM]	eprobit	Extended probit regression
[ERM]	eregress	Extended linear regression
[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
[XT]	xteintreg	Extended random-effects interval regression

[XT]	xteoprobit	Extended random-effects ordered probit regression
[XT]	xteprobit	Extended random-effects probit regression
[XT]	xteregress	Extended random-effects linear regression

Matrix commands

Basics

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

Programming

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

Other

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

Mata

[D]	putmata	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]	comments	Add comments to programs
[P]	fvexpand	Expand factor varlists
[P]	macro	Macro definition and manipulation
[P]	program	Define and manipulate programs
[P]	return	Return stored results

Program control

[U]	Section 18.11.1	Version
[P]	capture	Capture return code
[P]	continue	Break out of loops
[P]	error	Display generic error message and exit
[P]	foreach	Loop over items
[P]	forvalues	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	Distinct levels of a 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
[RPT]	Appendix for putdocx	Appendix for putdocx entries
[RPT]	Appendix for putpdf	Appendix for putpdf entries
[P]	Automation	Automation
[P]	break	Suppress Break key
[P]	char	Characteristics
[M-2]	class	Object-oriented programming (classes)
[P]	class	Class programming
[P]	class exit	Exit class-member program and return result
[P]	classutil	Class programming utility
[M-5]	_docx*()	Generate Office Open XML (.docx) file
[RPT]	docx2pdf	Convert a Word (.docx) document to a PDF file
[RPT]	Dynamic documents intro	Introduction to dynamic documents
[RPT]	Dynamic tags	Dynamic tags for text files
[RPT]	dyndoc Convert dynamic Markdown document to HTML or Word (.docx) document	
[RPT]	dyntext	Process Stata dynamic tags in text file
[P]	estat programming	Controlling estat after community-contributed commands
[P]	_estimates	Manage estimation results
[P]	Estimation command	How to program an estimation command
[P]	file	Read and write text and binary files
[P]	findfile	Find file in path
[P]	frame post	Post results to dataset in another frame
[RPT]	html2docx	Convert an HTML file to a Word (.docx) document
[P]	include	Include commands from file
[P]	Java intro	Introduction to Java plugins
[P]	Java utilities	Java utilities
[P]	javacall	Call a Java plugin
[M-5]	LinearProgram()	Linear programming
[P]	macro	Macro definition and manipulation
[P]	macro lists	Manipulate lists
[RPT]	markdown . Convert Markdown document to HTML file or Word (.docx) document	
[R]	ml	Maximum likelihood estimation
[M-5]	moptimize()	Model optimization
[M-5]	optimize()	Function optimization
[M-5]	Pdf*()	Create a PDF file
[P]	plugin	Load a plugin
[P]	postfile	Post results in Stata dataset
[P]	_predict Obtain predictions, residuals, etc., after estimation programming command	
[P]	program properties	Properties of user-defined programs
[RPT]	putdocx begin	Create an Office Open XML (.docx) file
[RPT]	putdocx intro	Introduction to generating Office Open XML (.docx) files
[RPT]	putdocx pagebreak	Add breaks to an Office Open XML (.docx) file
[RPT]	putdocx paragraph	Add text or images to an Office Open XML (.docx) file
[RPT]	putdocx table	Add tables to an Office Open XML (.docx) file
[RPT]	putexcel	Export results to an Excel file
[RPT]	putexcel advanced	Export results to an Excel file using advanced syntax
[D]	putmata	Put Stata variables into Mata and vice versa
[RPT]	putpdf begin	Create a PDF file
[RPT]	putpdf intro	Introduction to generating PDF files
[RPT]	putpdf pagebreak	Add breaks to a PDF file

[RPT]	<code>putpdf paragraph</code>	Add text or images to a PDF file
[RPT]	<code>putpdf table</code>	Add tables to a PDF file
[P]	<code>python</code>	Call Python from Stata
[M-5]	<code>Quadrature()</code>	Numerical integration
[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]	<code>File formats .dta</code>	Description of <code>.dta</code> file format
[D]	<code>unicode convertfile</code>	Low-level file conversion between encodings
[D]	<code>unicode translate</code>	Translate files to Unicode

Mata

[M]	<code>Mata Reference Manual</code>	
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Automated document and report creation

[U]	<code>Chapter 21</code>	Creating reports
[RPT]	<code>Appendix for putdocx</code>	Appendix for <code>putdocx</code> entries
[RPT]	<code>Appendix for putpdf</code>	Appendix for <code>putpdf</code> entries
[RPT]	<code>Intro</code>	Introduction to reporting manual
[RPT]	<code>docx2pdf</code>	Convert a Word (.docx) document to a PDF file
[RPT]	<code>Dynamic documents intro</code>	Introduction to dynamic documents
[RPT]	<code>Dynamic tags</code>	Dynamic tags for text files
[RPT]	<code>dyndoc</code>	Convert dynamic Markdown document to HTML or Word (.docx) document
[RPT]	<code>dyntext</code>	Process Stata dynamic tags in text file

[RPT]	html2docx	Convert an HTML file to a Word (.docx) document
[RPT]	markdown .	Convert Markdown document to HTML file or Word (.docx) document
[RPT]	putdocx begin	Create an Office Open XML (.docx) file
[RPT]	putdocx intro	Introduction to generating Office Open XML (.docx) files
[RPT]	putdocx pagebreak	Add breaks to an Office Open XML (.docx) file
[RPT]	putdocx paragraph	Add text or images to an Office Open XML (.docx) file
[RPT]	putdocx table	Add tables to an Office Open XML (.docx) file
[RPT]	putexcel	Export results to an Excel file
[RPT]	putexcel advanced	Export results to an Excel file using advanced syntax
[RPT]	putpdf begin	Create a PDF file
[RPT]	putpdf intro	Introduction to generating PDF files
[RPT]	putpdf pagebreak	Add breaks to a PDF file
[RPT]	putpdf paragraph	Add text or images to a PDF file
[RPT]	putpdf table	Add tables to a PDF file

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 History window
[P]	window stopbox	Display message box