

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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Epidemiology and related
Estimation related
Exact statistics
Extended regression models
Factor analysis and principal components
Finite mixture models
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Group sequential designs
Indicator and categorical variables
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Lasso
Latent class models

ROC analysis
Rotation
Sample selection models
Simulation/resampling
Spatial autoregressive models
*Standard postestimation tests, tables,
and other analyses*
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Survey data
Survival analysis
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Time series, univariate
Transforms and normality tests

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Programming

Basics

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Mata

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Getting started

[GSM] *Getting Started with Stata for Mac*

[GSU] *Getting Started with Stata for Unix*

[GSW] *Getting Started with Stata for Windows*

[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] *Datetime durations* Obtaining and working with durations

[D] *Datetime relative dates* Obtaining dates and date information from other dates

[D] *Datetime values from other software* . Date and time conversion from other software

[D]	describe	Describe data in memory or in a 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 frames 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 conversion	Converting strings to Stata dates
[D]	Datetime display formats	Display formats for dates and times
[D]	Datetime durations	Obtaining and working with durations
[D]	Datetime relative dates	Obtaining dates and date information from other dates
[D]	Datetime values from other software	Date and time conversion from other software

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]	frames save	Save a set of frames on disk
[D]	frames use	Load a set of frames from disk
[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 and export 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]	jdbc	Load, write, or view data from a database with a Java API
[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]	fralias	Alias variables from linked frames
[D]	frget	Copy variables from linked frame
[D]	frlink	Link frames
[D]	frunalias	Change storage type of alias variables
[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
[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 a 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]	misstable	Tabulate missing values
[MI]	mi describe	Describe mi data
[MI]	mi misstable	Tabulate pattern of missing values
[D]	pctile	Create variable containing percentiles
[ST]	stdescribe	Describe survival-time data
[R]	summarize	Summary statistics
[SVY]	svy: tabulate oneway	One-way tables for survey data
[SVY]	svy: tabulate twoway	Two-way tables for survey data
[P]	tabdisp	Display tables
[R]	table intro	Introduction to tables of frequencies, summaries, and command results
[R]	table	Table of frequencies, summaries, and command results
[R]	table multiway	Multiway tables
[R]	table oneway	One-way tabulation
[R]	table summary	Table of summary statistics
[R]	table twoway	Two-way tabulation
[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	Split data into random samples

Multiple datasets in memory

[D]	fralias	Alias variables from linked frames
[D]	frame change	Change identity of current (working) frame
[D]	frame copy	Make a copy of a frame
[D]	frame create	Create a new frame
[D]	frame drop	Drop frames from memory
[D]	frame prefix	The frame prefix command
[D]	frame put	Copy selected variables or observations to a new frame
[D]	frame pwf	Display name of current (working) frame

[D]	frame rename	Rename existing frame
[D]	frames	Data frames
[D]	frames describe	Describe frames in memory or in a file
[D]	frames dir	Display names of all frames in memory
[D]	frames intro	Introduction to frames
[D]	frames reset	Drop all frames from memory
[D]	frames save	Save a set of frames on disk
[D]	frames use	Load a set of frames from disk
[D]	frget	Copy variables from linked frame
[D]	frlink	Link frames
[D]	frunalias	Change storage type of alias variables

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	Split and join time-span records for 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]	<code>_return</code>	Preserve stored results
[P]	<code>return</code>	Return stored results
[R]	<code>Stored results</code>	Stored results

Internet

[U]	<code>Chapter 29</code>	Using the Internet to keep up to date
[R]	<code>ado update</code>	Update community-contributed packages
[D]	<code>checksum</code>	Calculate checksum of file
[D]	<code>copy</code>	Copy file from disk or URL
[R]	<code>net</code>	Install and manage community-contributed additions from the Internet
[R]	<code>net search</code>	Search the Internet for installable packages
[R]	<code>netio</code>	Control Internet connections
[R]	<code>sj</code>	Stata Journal installation instructions
[R]	<code>ssc</code>	Install and uninstall packages from SSC
[R]	<code>update</code>	Check for official updates
[D]	<code>use</code>	Load Stata dataset

Data types and memory

[U]	<code>Chapter 6</code>	Managing memory
[U]	<code>Section 12.2.2</code>	Numeric storage types
[U]	<code>Section 12.4</code>	Strings
[U]	<code>Section 12.4.2</code>	Handling Unicode strings
[U]	<code>Section 13.12</code>	Precision and problems therein
[U]	<code>Chapter 24</code>	Working with strings
[D]	<code>compress</code>	Compress data in memory
[D]	<code>Data types</code>	Quick reference for data types
[D]	<code>memory</code>	Memory management
[D]	<code>Missing values</code>	Quick reference for missing values
[D]	<code>recast</code>	Change storage type of variable

Advanced utilities

[D]	<code>assert</code>	Verify truth of claim
[D]	<code>assertnested</code>	Verify variables nested
[D]	<code>cd</code>	Change directory
[D]	<code>changeool</code>	Convert end-of-line characters of text file
[D]	<code>checksum</code>	Calculate checksum of file
[D]	<code>copy</code>	Copy file from disk or URL
[P]	<code>_datasignature</code>	Determine whether data have changed
[D]	<code>datasignature</code>	Determine whether data have changed
[R]	<code>db</code>	Launch dialog
[P]	<code>Dialog programming</code>	Dialog programming
[D]	<code>dir</code>	Display filenames
[P]	<code>discard</code>	Drop automatically loaded programs
[D]	<code>erase</code>	Erase a disk file
[P]	<code>file</code>	Read and write text and binary files
[D]	<code>filefilter</code>	Convert ASCII or binary patterns in a file
[D]	<code>hexdump</code>	Display hexadecimal report on file
[D]	<code>mkdir</code>	Create directory
[R]	<code>more</code>	The —more— message
[R]	<code>query</code>	Display system parameters
[P]	<code>quietly</code>	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]	set iter	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
[P]	set sortmethod	Specify a sort method
[P]	set sortrngstate	Set the state of sort's randomizer
[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	Manage 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 of an ado-file

Graphics

Bayesian analysis graphs

[BAYES]	bayesfcst graph	Graphs of Bayesian dynamic forecasts
[BAYES]	bayesgraph	Graphical summaries and convergence diagnostics
[BAYES]	bayesirf cgraph	Combined graphs of Bayesian IRF results
[BAYES]	bayesirf graph	Graphs of Bayesian IRFs, dynamic-multiplier functions, and FEVDs
[BAYES]	bayesirf ograph	Overlaid graphs of Bayesian IRF results

Bayesian model averaging graphs

[BMA]	bmagraph	Graphical summary for models and predictors after BMA regression
[BMA]	bmagraph coefdensity	Regression coefficient density plots after BMA regression
[BMA]	bmagraph msize	Model-size distribution plots after BMA regression
[BMA]	bmagraph pmp	Model-probability plots after BMA regression
[BMA]	bmagraph varmap	Variable-inclusion map after BMA regression

Common graphs

[G-1]	Graph intro	Introduction to graphics
[G-2]	graph	The graph command

[G-2]	graph bar	Bar charts
[G-2]	graph box	Box plots
[G-2]	graph close	Close Graph windows
[G-2]	graph combine	Combine multiple graphs
[G-2]	graph copy	Copy graph in memory
[G-2]	graph describe	Describe contents of graph in memory or on disk
[G-2]	graph dir	List names of graphs in memory and on disk
[G-2]	graph display	Display graph stored in memory
[G-2]	graph dot	Dot charts (summary statistics)
[G-2]	graph drop	Drop graphs from memory
[G-2]	graph export	Export current graph
[G-2]	graph manipulation	Graph manipulation commands
[G-2]	graph matrix	Matrix graphs
[G-2]	graph other	Other graphics commands
[G-2]	graph pie	Pie charts
[G-2]	graph play	Apply edits from a recording on current graph
[G-2]	graph print	Print a graph
[G-2]	graph query	List available schemes and styles
[G-2]	graph rename	Rename graph in memory
[G-2]	graph replay	Replay multiple graphs
[G-2]	graph save	Save graph to disk
[G-2]	graph set	Set graphics options
[G-2]	graph twoway	Twoway graphs
[G-2]	graph twoway area	Twoway line plot with area shading
[G-2]	graph twoway bar	Twoway bar plots
[G-2]	graph twoway connected	Twoway connected plots ⁺
[G-2]	graph twoway contour	Twoway contour plot with area shading
[G-2]	graph twoway contourline	Twoway contour-line plot
[G-2]	graph twoway dot	Twoway dot plots
[G-2]	graph twoway dropline	Twoway dropped-line plots
[G-2]	graph twoway ffit	Twoway fractional-polynomial prediction plots
[G-2]	graph twoway ffitci	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 pcarrow	Paired-coordinate plot with arrows
[G-2]	graph twoway pcarrowi	Twoway pcarrow 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 tline	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]	bicplot	Plot Bayesian information criterion function after lasso
[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 galbraithplot	Galbraith 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	Dendrograms for hierarchical cluster analysis

[MV]	mca postestimation	Postestimation tools for mca
[MV]	mca postestimation plots	Postestimation plots for mca
[MV]	mds postestimation	Postestimation tools for mds, mdsmat, and mdslong
[MV]	mds postestimation plots	Postestimation plots for mds, mdsmat, and mdslong
[MV]	procrustes postestimation	Postestimation tools for procrustes
[MV]	scoreplot	Score and loading plots
[MV]	screeplot	Scree plot of eigenvalues

Power, precision, and sample-size graphs

[PSS-3]	ciwidth, graph	Graph results from the ciwidth command
[ADAPT]	gsbounds	Boundaries for group sequential trials
[ADAPT]	gsdesign	Study design for group sequential trials
[PSS-2]	power, graph	Graph results from the power command

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
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ROC analysis

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

Smoothing and densities

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

Survival-analysis graphs

[ST]	estat gofplot	Goodness-of-fit plots after streg, stcox, stintreg, or stintcox
[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 after stcox
[ST]	stcurve	Plot the survivor or related function after streg, stcox, and more
[ST]	stintcox PH-assumption plots	Plots of proportional-hazards assumption after stintcox
[ST]	strate	Tabulate failure rates and rate ratios
[ST]	sts graph	Graph the survivor or related function

Time-series graphs

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

More statistical graphs

[R]	<code>Eptab</code>	Tables for epidemiologists
[R]	<code>fp postestimation</code>	Postestimation tools for <code>fp</code>
[R]	<code>grmeanby</code>	Graph means and medians by categorical variables
[R]	<code>pkexamine</code>	Calculate pharmacokinetic measures
[R]	<code>pksumm</code>	Summarize pharmacokinetic data
[R]	<code>stem</code>	Stem-and-leaf displays
[CAUSAL]	<code>tebalance box</code>	Covariate balance box
[CAUSAL]	<code>teoverlap</code>	Overlap plots
[XT]	<code>xtline</code>	Panel-data line plots

Editing

[G-1]	<code>Graph Editor</code>	Graph Editor
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Graph concepts

[G-4]	<code>Concept: gph files</code>	Using <code>gph</code> files
[G-4]	<code>Concept: lines</code>	Using lines
[G-4]	<code>Concept: repeated options</code>	Interpretation of repeated options
[G-4]	<code>text</code>	Text in graphs

Graph schemes

[G-4]	<code>Schemes intro</code>	Introduction to schemes
[G-4]	<code>Scheme economist</code>	Scheme description: <code>economist</code>
[G-4]	<code>Scheme s1</code>	Scheme description: <code>s1</code> family
[G-4]	<code>Scheme s2</code>	Scheme description: <code>s2</code> family
[G-4]	<code>Scheme sj</code>	Scheme description: <code>sj</code>
[G-4]	<code>Scheme st</code>	Scheme description: <code>st</code> family

Graph utilities

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

Statistics

ANOVA and related

[U]	Chapter 27	Overview of Stata estimation commands
[R]	<code>anova</code>	Analysis of variance and covariance
[R]	<code>contrast</code>	Contrasts and linear hypothesis tests after estimation
[R]	<code>icc</code>	Intraclass correlation coefficients
[R]	<code>loneway</code>	Large one-way ANOVA, random effects, and reliability
[MV]	<code>manova</code>	Multivariate analysis of variance and covariance
[ME]	<code>meglm</code>	Multilevel mixed-effects generalized linear models
[ME]	<code>mixed</code>	Multilevel mixed-effects linear regression
[R]	<code>oneway</code>	One-way analysis of variance
[R]	<code>pkcross</code>	Analyze crossover experiments
[R]	<code>pkshape</code>	Reshape (pharmacokinetic) Latin-square data
[R]	<code>pwcompare</code>	Pairwise comparisons
[R]	<code>regress</code>	Linear regression
[XT]	<code>xtreg</code>	Fixed-, between-, and random-effects and population-averaged linear models ⁺

Basic statistics

[R]	<code>anova</code>	Analysis of variance and covariance
[R]	<code>bitest</code>	Binomial probability test
[R]	<code>ci</code>	Confidence intervals for means, proportions, and variances
[R]	<code>correlate</code>	Correlations of variables
[D]	<code>egen</code>	Extensions to generate
[R]	<code>esize</code>	Effect size based on mean comparison
[R]	<code>icc</code>	Intraclass correlation coefficients
[R]	<code>mean</code>	Estimate means
[R]	<code>misstable</code>	Tabulate missing values
[MV]	<code>mvtest</code>	Multivariate tests
[R]	<code>oneway</code>	One-way analysis of variance
[R]	<code>proportion</code>	Estimate proportions
[R]	<code>prtest</code>	Tests of proportions
[R]	<code>pwmean</code>	Pairwise comparisons of means
[R]	<code>ranksum</code>	Equality tests on unmatched data
[R]	<code>ratio</code>	Estimate ratios
[R]	<code>regress</code>	Linear regression
[R]	<code>sdtest</code>	Variance-comparison tests
[R]	<code>signrank</code>	Equality tests on matched data
[D]	<code>statsby</code>	Collect statistics for a command across a by list
[R]	<code>summarize</code>	Summary statistics
[R]	<code>table intro</code>	Introduction to tables of frequencies, summaries, and command results
[R]	<code>table</code>	Table of frequencies, summaries, and command results
[R]	<code>table hypothesis tests</code>	Table of hypothesis tests
[R]	<code>table multiway</code>	Multiway tables
[R]	<code>table oneway</code>	One-way tabulation
[R]	<code>table summary</code>	Table of summary statistics
[R]	<code>table twoway</code>	Two-way tabulation
[R]	<code>tabstat</code>	Compact table of summary statistics
[R]	<code>tabulate oneway</code>	One-way table of frequencies
[R]	<code>tabulate twoway</code>	Two-way table of frequencies
[R]	<code>tabulate, summarize()</code>	One- and two-way tables of summary statistics

[R] total Estimate totals
 [R] ttest *t* tests (mean-comparison tests)
 [R] ztest *z* tests (mean-comparison tests, known variance)

Bayesian analysis

[U] Section 27.34 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: dsge Bayesian linear dynamic stochastic general equilibrium models
 [BAYES] bayes: dsge postestimation .. Postestimation tools for bayes: dsge and bayes: dsge
 [BAYES] bayes: dsge genl Bayesian nonlinear dynamic stochastic general equilibrium models
 [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: heckprobit Bayesian ordered probit model with sample selection
 [BAYES] bayes: heckprobit Bayesian probit model with sample selection
 [BAYES] bayes: hetoprobit Bayesian heteroskedastic ordered probit regression
 [BAYES] bayes: hetoprobit 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: meclolog 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: 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]	<code>bayes: qreg</code>	Bayesian quantile regression ⁺
[BAYES]	<code>bayes: regress</code>	Bayesian linear regression
[BAYES]	<code>bayes: streg</code>	Bayesian parametric survival models
[BAYES]	<code>bayes: tnbreg</code>	Bayesian truncated negative binomial regression
[BAYES]	<code>bayes: tobit</code>	Bayesian tobit regression
[BAYES]	<code>bayes: tpoisson</code>	Bayesian truncated Poisson regression
[BAYES]	<code>bayes: truncreg</code>	Bayesian truncated regression
[BAYES]	<code>bayes: var</code>	Bayesian vector autoregressive models
[BAYES]	<code>bayes: var postestimation</code>	Postestimation tools for <code>bayes: var</code>
[BAYES]	<code>bayes: xtlogit</code>	Bayesian random-effects logit model
[BAYES]	<code>bayes: xtmlogit</code>	Bayesian random-effects multinomial logit model
[BAYES]	<code>bayes: xtnbreg</code>	Bayesian random-effects negative binomial model
[BAYES]	<code>bayes: xtologit</code>	Bayesian random-effects ordered logistic model
[BAYES]	<code>bayes: xtprobit</code>	Bayesian random-effects ordered probit model
[BAYES]	<code>bayes: xtpoisson</code>	Bayesian random-effects Poisson model
[BAYES]	<code>bayes: xtprobit</code>	Bayesian random-effects probit model
[BAYES]	<code>bayes: xtreg</code>	Bayesian random-effects linear model
[BAYES]	<code>bayes: zinb</code>	Bayesian zero-inflated negative binomial regression
[BAYES]	<code>bayes: ziologit</code>	Bayesian zero-inflated ordered logit regression
[BAYES]	<code>bayes: zioprobit</code>	Bayesian zero-inflated ordered probit regression
[BAYES]	<code>bayes: zip</code>	Bayesian zero-inflated Poisson regression
[BAYES]	<code>bayesfcst</code>	Bayesian dynamic forecasts
[BAYES]	<code>bayesfcst compute</code>	Compute Bayesian dynamic forecasts
[BAYES]	<code>bayesfcst graph</code>	Graphs of Bayesian dynamic forecasts
[BAYES]	<code>bayesgraph</code>	Graphical summaries and convergence diagnostics
[BAYES]	<code>bayesirf</code>	Bayesian IRFs, dynamic-multiplier functions, and FEVDs
[BAYES]	<code>bayesirf cgraph</code>	Combined graphs of Bayesian IRF results
[BAYES]	<code>bayesirf create</code>	Obtain Bayesian IRFs, dynamic-multiplier functions, and FEVDs
[BAYES]	<code>bayesirf ctable</code>	Combined tables of Bayesian IRF results
[BAYES]	<code>bayesirf graph</code>	Graphs of Bayesian IRFs, dynamic-multiplier functions, and FEVDs
[BAYES]	<code>bayesirf ograph</code>	Overlaid graphs of Bayesian IRF results
[BAYES]	<code>bayesirf table</code>	Tables of Bayesian IRFs, dynamic-multiplier functions, and FEVDs
[BAYES]	<code>bayesmh</code>	Bayesian models using Metropolis–Hastings algorithm ⁺
[BAYES]	<code>bayesmh evaluators</code>	User-defined evaluators with <code>bayesmh</code>
[BAYES]	<code>bayespredict</code>	Bayesian predictions
[BAYES]	<code>bayesstats</code>	Bayesian statistics after Bayesian estimation
[BAYES]	<code>bayesstats ess</code>	Effective sample sizes and related statistics
[BAYES]	<code>bayesstats grubin</code>	Gelman–Rubin convergence diagnostics
[BAYES]	<code>bayesstats ic</code>	Bayesian information criteria and Bayes factors
[BAYES]	<code>bayesstats pvalues</code>	Bayesian predictive p-values and other predictive summaries
[BAYES]	<code>bayesstats summary</code>	Bayesian summary statistics
[BAYES]	<code>bayestest</code>	Bayesian hypothesis testing
[BAYES]	<code>bayestest interval</code>	Interval hypothesis testing
[BAYES]	<code>bayestest model</code>	Hypothesis testing using model posterior probabilities
[BAYES]	<code>bayesvarstable</code>	Check the stability condition of Bayesian VAR estimates
[BMA]	<code>bmaregress</code>	Bayesian model averaging for linear regression

Bayesian model averaging

[U]	Section 27.35	Bayesian model averaging
[BMA]	Intro	Introduction to Bayesian model averaging
[BMA]	BMA commands	Introduction to commands for Bayesian model averaging

[BMA]	BMA postestimation	Postestimation tools for Bayesian model averaging
[BMA]	bmacoefsample	Posterior samples of regression coefficients
[BMA]	bmagraph	Graphical summary for models and predictors after BMA regression
[BMA]	bmagraph coefdensity	Regression coefficient density plots after BMA regression
[BMA]	bmagraph msize	Model-size distribution plots after BMA regression
[BMA]	bmagraph pmp	Model-probability plots after BMA regression
[BMA]	bmagraph varmap	Variable-inclusion map after BMA regression
[BMA]	bmapredict	Predictions after BMA regression
[BMA]	bmaregress	Bayesian model averaging for linear regression
[BMA]	bmastats	Summary for models and predictors after BMA regression
[BMA]	bmastats jointness	Jointness measures for predictors after BMA regression
[BMA]	bmastats lps	Log predictive-score after BMA regression
[BMA]	bmastats models	Model and variable-inclusion summaries after BMA regression
[BMA]	bmastats msize	Model-size summary after BMA regression
[BMA]	bmastats pip	Posterior inclusion probabilities for predictors after BMA regression

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
[CAUSAL]	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
[CAUSAL]	mediate	Causal mediation analysis
[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]	rocfits	Parametric ROC models
[R]	rocreg	Receiver operating characteristic (ROC) regression
[R]	scobit	Skewed logistic regression
[CAUSAL]	teffects aipw	Augmented inverse-probability weighting ⁺
[CAUSAL]	teffects ipw	Inverse-probability weighting
[CAUSAL]	teffects ipwra	Inverse-probability-weighted regression adjustment
[CAUSAL]	teffects nmatch	Nearest-neighbor matching

[CAUSAL]	teffects psmatch	Propensity-score matching
[CAUSAL]	teffects ra	Regression adjustment
[CAUSAL]	telasso	Treatment-effects estimation using lasso
[LASSO]	xpologit	Cross-fit partialing-out lasso logistic regression
[XT]	xtcloglog	Random-effects and population-averaged cloglog models
[XT]	xteprobit	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]	cmxtmixlogit	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]	mprobit	Multinomial probit regression
[CM]	nlogit	Nested logit regression
[R]	slogit	Stereotype logistic regression
[XT]	xtmlogit	Fixed-effects and random-effects multinomial logit models

Causal inference and treatment-effects estimation

[U]	Section 27.20	Causal inference
[CAUSAL]	Causal inference commands	Introduction to causal inference commands
[CAUSAL]	DID intro	Introduction to difference-in-differences estimation
[CAUSAL]	Intro	Introduction to causal inference and treatment-effects estimation
[CAUSAL]	didregress	Difference-in-differences estimation
[ERM]	eintreg	Extended interval regression
[ERM]	eoprobit	Extended ordered probit regression
[ERM]	eprobit	Extended probit regression
[ERM]	eregress	Extended linear regression
[CAUSAL]	eteffects	Endogenous treatment-effects estimation
[CAUSAL]	etpoisson	Poisson regression with endogenous treatment effects
[CAUSAL]	etregress	Linear regression with endogenous treatment effects
[CAUSAL]	hdidregress	Heterogeneous difference in differences
[CAUSAL]	mediate	Causal mediation analysis
[CAUSAL]	stteffects	Treatment-effects estimation for observational survival-time data
[CAUSAL]	stteffects intro	Introduction to treatment effects for observational survival-time data
[CAUSAL]	stteffects ipw	Survival-time inverse-probability weighting
[CAUSAL]	stteffects ipwra	Survival-time inverse-probability-weighted regression adjustment
[CAUSAL]	stteffects ra	Survival-time regression adjustment
[CAUSAL]	stteffects wra	Survival-time weighted regression adjustment
[CAUSAL]	tebalance	Check balance after teffects or stteffects estimation
[CAUSAL]	tebalance box	Covariate balance box
[CAUSAL]	tebalance density	Covariate balance density

[CAUSAL]	tebalance overid	Test for covariate balance
[CAUSAL]	tebalance summarize	Covariate-balance summary statistics
[CAUSAL]	teffects	Treatment-effects estimation for observational data
[CAUSAL]	teffects aipw	Augmented inverse-probability weighting ⁺
[CAUSAL]	teffects intro	Introduction to treatment effects for observational data
[CAUSAL]	teffects intro advanced	Advanced introduction to treatment effects for observational data
[CAUSAL]	teffects ipw	Inverse-probability weighting
[CAUSAL]	teffects ipwra	Inverse-probability-weighted regression adjustment
[CAUSAL]	teffects multivalued	Multivalued treatment effects
[CAUSAL]	teffects nmatch	Nearest-neighbor matching
[CAUSAL]	teffects psmatch	Propensity-score matching
[CAUSAL]	teffects ra	Regression adjustment
[CAUSAL]	telasso	Treatment-effects estimation using lasso
[CAUSAL]	teoverlap	Overlap plots
[XT]	xtdidregress	Fixed-effects difference-in-differences estimation
[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
[CAUSAL]	xthdidregress	Heterogeneous difference in differences for panel data

Censored and truncated regression models

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

Choice models

[U]	Section 27.10	Choice models
[CM]	Intro	Introduction to choice models manual
[CM]	Intro 1	Interpretation of choice models

[CM]	Intro 2	.....	Data layout
[CM]	Intro 3	.....	Descriptive statistics
[CM]	Intro 4	.....	Estimation commands
[CM]	Intro 5	.....	Models for discrete choices
[CM]	Intro 6	.....	Models for rank-ordered alternatives
[CM]	Intro 7	.....	Models for panel data
[CM]	Intro 8	.....	Random utility models, assumptions, and estimation
[CM]	cmchoiceset	.....	Tabulate choice sets
[CM]	cmlogit	.....	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]	cmroprobit	.....	Rank-ordered probit choice model
[CM]	cmsample	.....	Display reasons for sample exclusion
[CM]	cmset	.....	Declare data to be choice model data
[CM]	cmsummarize	.....	Summarize variables by chosen alternatives
[CM]	cmstab	.....	Tabulate chosen alternatives
[CM]	cmxtmixlogit	.....	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	.....	Dendrograms 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
[CAUSAL]	eteffects	.....	Endogenous treatment-effects estimation
[CAUSAL]	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
[CAUSAL]	mediate	Causal mediation analysis
[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
[CAUSAL]	teffects aipw	Augmented inverse-probability weighting ⁺
[CAUSAL]	teffects ipw	Inverse-probability weighting
[CAUSAL]	teffects ipwra	Inverse-probability-weighted regression adjustment
[CAUSAL]	teffects nmatch	Nearest-neighbor matching
[CAUSAL]	teffects psmatch	Propensity-score matching
[CAUSAL]	teffects ra	Regression adjustment
[CAUSAL]	telasso	Treatment-effects estimation using lasso
[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 27.24	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 27.29	Dynamic stochastic general equilibrium (DSGE) models
[DSGE]	Intro	Introduction to DSGE manual
[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]	Intro 9	.....	Bayesian estimation
[DSGE]	Intro 9a	.....	Bayesian estimation of a New Keynesian model
[DSGE]	Intro 9b	.....	Bayesian estimation of stochastic growth model
[DSGE]	dsge	.....	Linear dynamic stochastic general equilibrium models
[DSGE]	dsge postestimation	.....	Postestimation tools for dsge
[DSGE]	dsge nl	.....	Nonlinear dynamic stochastic general equilibrium models
[DSGE]	dsge nl postestimation	.....	Postestimation tools for dsge nl
[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
[CAUSAL]	eteffects	.....	Endogenous treatment-effects estimation
[CAUSAL]	etpoisson	.....	Poisson regression with endogenous treatment effects
[CAUSAL]	etregress	.....	Linear regression with endogenous treatment effects
[TS]	forecast	.....	Econometric model forecasting
[R]	gmm	.....	Generalized method of moments estimation
[R]	ivfprobit	.....	Fractional probit model with continuous endogenous covariates
[R]	ivpoisson	.....	Poisson model with continuous endogenous covariates
[R]	ivprobit	.....	Probit model with continuous endogenous covariates
[R]	ivqregress	.....	Instrumental-variables quantile regression
[R]	ivregress	.....	Single-equation instrumental-variables regression
[R]	ivtobit	.....	Tobit model with continuous endogenous covariates
[LASSO]	poivregr	.....	Partialing-out lasso instrumental-variables regression
[R]	reg3	.....	Three-stage estimation for systems of simultaneous equations

[LASSO] [xpoivregress](#) 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] [xtdpdpsys](#) 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] [xteprobit](#) Extended random-effects probit regression
 [XT] [xtereg](#) 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] [expoiss](#) 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] [reri](#) Relative excess risk due to interaction
 [R] [roc](#) Receiver operating characteristic (ROC) analysis
 [R] [roccomp](#) Tests of equality of ROC areas
 [R] [rocf](#) 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 *Causal inference and treatment-effects estimation*.

Estimation related

[R] [constraint](#) Define and list constraints
 [R] [eform_option](#) Displaying exponentiated coefficients

[R]	Estimation options	Estimation options
[R]	<i>fp</i>	Fractional polynomial regression
[R]	IC note	Calculating and interpreting information criteria
[R]	<i>makespline</i>	Spline generation
[R]	Maximize	Details of iterative maximization
[R]	<i>mfp</i>	Multivariable fractional polynomial models
[R]	<i>stepwise</i>	Stepwise estimation
[R]	<i>vce_option</i>	Variance estimators
[XT]	<i>vce_options</i>	Variance estimators

Exact statistics

[U]	Section 27.8	Count outcomes
[U]	Section 27.11	Exact estimators
[R]	<i>bitest</i>	Binomial probability test
[R]	<i>centile</i>	Report centile and confidence interval
[R]	<i>ci</i>	Confidence intervals for means, proportions, and variances
[R]	<i>dstdize</i>	Direct and indirect standardization
[R]	<i>Epitab</i>	Tables for epidemiologists
[R]	<i>exlogistic</i>	Exact logistic regression
[R]	<i>expoisson</i>	Exact Poisson regression
[R]	<i>ksmirnov</i>	Kolmogorov–Smirnov equality-of-distributions test
[R]	<i>loneway</i>	Large one-way ANOVA, random effects, and reliability
[PSS-2]	<i>power oneproportion</i>	Power analysis for a one-sample proportion test
[R]	<i>ranksum</i>	Equality tests on unmatched data
[R]	<i>roctab</i>	Nonparametric ROC analysis
[R]	<i>symmetry</i>	Symmetry and marginal homogeneity tests
[R]	<i>tabulate twoway</i>	Two-way table of frequencies
[R]	<i>tetrachoric</i>	Tetrachoric correlations for binary variables

Extended regression models

[ERM]	ERM options	Extended regression model options
[ERM]	Intro	Introduction to extended regression models manual
[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]	<i>eintreg</i>	Extended interval regression
[ERM]	<i>eintreg postestimation</i>	Postestimation tools for <i>eintreg</i> and <i>xteintreg</i>
[ERM]	<i>eintreg predict</i>	predict after <i>eintreg</i> and <i>xteintreg</i>
[ERM]	<i>eoprobit</i>	Extended ordered probit regression
[ERM]	<i>eoprobit postestimation</i>	Postestimation tools for <i>eoprobit</i> and <i>xteoprobit</i>
[ERM]	<i>eoprobit predict</i>	predict after <i>eoprobit</i> and <i>xteoprobit</i>
[ERM]	<i>eprobit</i>	Extended probit regression
[ERM]	<i>eprobit postestimation</i>	Postestimation tools for <i>eprobit</i> and <i>xteprobit</i>
[ERM]	<i>eprobit predict</i>	predict after <i>eprobit</i> and <i>xteprobit</i>
[ERM]	<i>eregress</i>	Extended linear regression

[ERM]	eregress postestimation	Postestimation tools for eregress and xtegress
[ERM]	eregress predict	predict after eregress and xtegress
[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]	xtegress	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 27.27	Finite mixture models (FMMs)
[FMM]	estat eform	Display exponentiated coefficients
[FMM]	estat lmean	Latent class marginal means
[FMM]	estat lprob	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
[CAUSAL]	eteffects	Endogenous treatment-effects estimation
[FMM]	fmm: betareg	Finite mixtures of beta regression models
[R]	fracreg	Fractional response regression
[R]	ivfprobit	Fractional probit model with continuous endogenous covariates
[CAUSAL]	teffects ipw	Inverse-probability weighting
[CAUSAL]	teffects nmatch	Nearest-neighbor matching
[CAUSAL]	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	GEE population-averaged panel-data models

Group sequential designs

[U]	Section 27.33	Power, precision, and sample-size analysis
[ADAPT]	GSD intro	Introduction to group sequential designs
[ADAPT]	Intro	Introduction to adaptive designs for clinical trials
[ADAPT]	gs	Introduction to commands for group sequential design
[ADAPT]	gsbounds	Boundaries for group sequential trials

[ADAPT]	gsdesign	Study design for group sequential trials
[ADAPT]	gsdesign logrank	Group sequential design for a log-rank test
[ADAPT]	gsdesign onemean	Group sequential design for a one-sample mean test
[ADAPT]	gsdesign oneproportion ...	Group sequential design for a one-sample proportion test
[ADAPT]	gsdesign twomeans	Group sequential design for a two-sample means test
[ADAPT]	gsdesign twoproportions ..	Group sequential design for a two-sample proportions test
[ADAPT]	gsdesign usermethod	Add your own methods to the <code>gsdesign</code> command

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 27.28	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 greport	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 tc	Test characteristic curve plot
[IRT]	irtgraph tif	Test information function plot

Lasso

[U]	Section 27.30	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]	bicplot	Plot Bayesian information criterion function after 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]	lassocoeff	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]	sqrlasso	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 27.26	Latent class models
[SEM]	estat lmean	Latent class marginal means
[SEM]	estat lprob	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 many indicator variables ⁺
[BAYES]	Bayesian estimation	Bayesian estimation commands
[BMA]	bmaregress	Bayesian model averaging for linear regression
[R]	cnsreg	Constrained linear regression
[R]	constraint	Define and list constraints
[CAUSAL]	didregress	Difference-in-differences estimation
[LASSO]	dsregress	Double-selection lasso linear regression
[R]	eivreg	Errors-in-variables regression
[ERM]	eregress	Extended linear regression
[CAUSAL]	etpoisson	Poisson regression with endogenous treatment effects
[CAUSAL]	etregress	Linear regression with endogenous treatment effects
[FMM]	fmm estimation	Fitting finite mixture models
[R]	fp	Fractional polynomial regression
[R]	frontier	Stochastic frontier models
[R]	glm	Generalized linear models
[CAUSAL]	hdidregress	Heterogeneous difference in differences
[R]	heckman	Heckman selection model

[R]	hetregress	Heteroskedastic linear regression
[R]	ivpoisson	Poisson model with continuous endogenous covariates
[R]	ivqregress	Instrumental-variables quantile regression
[R]	ivregress	Single-equation instrumental-variables regression
[R]	ivtobit	Tobit model with continuous endogenous covariates
[R]	lpoly	Kernel-weighted local polynomial smoothing
[ME]	meglm	Multilevel mixed-effects generalized linear models
[META]	meta meregress	Multilevel mixed-effects meta-regression
[META]	meta multilevel	Multilevel random-intercepts meta-regression
[META]	meta mvregress	Multivariate meta-regression
[META]	meta regress	Meta-analysis regression
[R]	mfp	Multivariable fractional polynomial models
[ME]	mixed	Multilevel mixed-effects linear regression
[MV]	mvreg	Multivariate regression
[R]	nestreg	Nested model statistics
[TS]	newey	Regression with Newey–West standard errors
[LASSO]	poivregress	Partialing-out lasso instrumental-variables regression
[LASSO]	poregress	Partialing-out lasso linear regression
[TS]	prais	Prais–Winsten and Cochrane–Orcutt regression
[R]	qreg	Quantile regression
[R]	reg3	Three-stage estimation for systems of simultaneous equations
[R]	regress	Linear regression
[R]	rocfit	Parametric ROC models
[R]	rreg	Robust regression
[ST]	stcox	Cox proportional hazards model
[ST]	stcrreg	Competing-risks regression
[R]	stepwise	Stepwise estimation
[ST]	stintcox	Cox proportional hazards model for interval-censored survival-time data
[ST]	stintreg	Parametric models for interval-censored survival-time data
[ST]	streg	Parametric survival models
[R]	sureg	Zellner’s seemingly unrelated regression
[R]	tnbreg	Truncated negative binomial regression
[R]	vwls	Variance-weighted least squares
[LASSO]	xpoivregress	Cross-fit partialing-out lasso instrumental-variables regression
[LASSO]	xporegress	Cross-fit partialing-out lasso linear regression
[XT]	xtabond	Arellano–Bond linear dynamic panel-data estimation
[XT]	xtdidregress	Fixed-effects difference-in-differences estimation
[XT]	xtdpd	Linear dynamic panel-data estimation
[XT]	xtdpdsys	Arellano–Bover/Blundell–Bond linear dynamic panel-data estimation
[XT]	xtregress	Extended random-effects linear regression
[XT]	xtgee	GEE population-averaged panel-data models
[XT]	xtgls	GLS linear model with heteroskedastic and correlated errors
[CAUSAL]	xthdidregress	Heterogeneous difference in differences for panel data
[XT]	xthheckman	Random-effects regression with sample selection
[XT]	xthtaylor	Hausman–Taylor estimator for error-components models
[XT]	xtivreg	Instrumental variables and two-stage least squares for panel-data models
[XT]	xtpcse	Linear regression with panel-corrected standard errors
[XT]	xtre	Random-coefficients model
[XT]	xtreg	Fixed-, between-, and random-effects and population-averaged linear models ⁺
[XT]	xtregar	Fixed- and random-effects linear models with an AR(1) disturbance
[XT]	xtstreg	Random-effects parametric survival models

Logistic and probit regression

[U]	Chapter 20	Estimation and postestimation commands
[U]	Chapter 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]	cmlogit	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]	cmroprobit	Rank-ordered probit choice model
[CM]	cmxtmixlogit	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]	heckoprobit	Ordered probit model with sample selection
[R]	heckprobit	Probit model with sample selection
[R]	hetoprobit	Heteroskedastic ordered probit regression
[R]	hetprobit	Heteroskedastic probit model
[IRT]	irt 1pl	One-parameter logistic model
[IRT]	irt 2pl	Two-parameter logistic model
[IRT]	irt 3pl	Three-parameter logistic model
[IRT]	irt grm	Graded response model
[IRT]	irt hybrid	Hybrid IRT models
[IRT]	irt nrm	Nominal response model
[IRT]	irt pcm	Partial credit model
[IRT]	irt rsm	Rating scale model
[R]	ivfprobit	Fractional probit model with continuous endogenous covariates
[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	GEE population-averaged panel-data models
[XT]	xtlogit	Fixed-effects, random-effects, and population-averaged logit models

[XT]	xtmlogit	Fixed-effects and random-effects multinomial 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]	ziologit	Zero-inflated ordered logit regression
[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
[CAUSAL]	didregress	Difference-in-differences estimation
[ERM]	eintreg	Extended interval regression
[ERM]	eoprobit	Extended ordered probit regression
[ERM]	eprobit	Extended probit regression
[ERM]	eregress	Extended linear regression
[CAUSAL]	hdidregress	Heterogeneous difference in differences
[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]	xtcointest	Panel-data cointegration tests
[XT]	xtdata	Faster specification searches with xt data
[XT]	xtdescribe	Describe pattern of xt data
[XT]	xtdidregress	Fixed-effects difference-in-differences estimation
[XT]	xtdpd	Linear dynamic panel-data estimation
[XT]	xtdpdsys	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]	xteprobit	Extended random-effects probit regression
[XT]	xteregress	Extended random-effects linear regression
[XT]	xtfrontier	Stochastic frontier models for panel data
[XT]	xtgee	GEE population-averaged panel-data models
[XT]	xtgls	GLS linear model with heteroskedastic and correlated errors
[CAUSAL]	xthdidregress	Heterogeneous difference in differences for panel data
[XT]	xthckman	Random-effects regression with sample selection
[XT]	xhtaylor	Hausman–Taylor estimator for error-components models
[XT]	xtintreg	Random-effects interval-data regression models
[XT]	xtivreg	Instrumental variables and two-stage least squares for panel-data models
[XT]	xtline	Panel-data line plots
[XT]	xtlogit	Fixed-effects, random-effects, and population-averaged logit models
[XT]	xtmlogit	Fixed-effects and random-effects multinomial 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]	<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>xtregar</code>	Fixed- and random-effects linear models with an AR(1) disturbance
[XT]	<code>xtset</code>	Declare data to be panel data
[XT]	<code>xtstreg</code>	Random-effects parametric survival models
[XT]	<code>xtsum</code>	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]	Section 27.18	Meta-analysis
[META]	<code>Intro</code>	Introduction to meta-analysis
[META]	<code>estat bubbleplot</code>	Bubble plots after meta regress
[META]	<code>estat group</code>	Summarize the composition of the nested groups
[META]	<code>estat heterogeneity (me)</code>	Compute multilevel heterogeneity statistics
[META]	<code>estat heterogeneity (mv)</code>	Compute multivariate heterogeneity statistics
[META]	<code>estat recovariance</code>	Display estimated random-effects covariance matrices
[META]	<code>estat sd</code>	Display variance components as standard deviations and correlations
[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 galbraithplot</code>	Galbraith plots
[META]	<code>meta labbeplot</code>	L'Abbé plots
[META]	<code>meta meregress</code>	Multilevel mixed-effects meta-regression
[META]	<code>meta multilevel</code>	Multilevel random-intercepts meta-regression
[META]	<code>meta mvregress</code>	Multivariate meta-regression
[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]	Chapter 20	Estimation and postestimation commands
[U]	Section 27.16	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>meclolog</code>	Multilevel mixed-effects complementary log–log regression

[ME]	meglm	Multilevel mixed-effects generalized linear models
[ME]	meintreg	Multilevel mixed-effects interval regression
[ME]	melogit	Multilevel mixed-effects logistic regression
[ME]	menbreg	Multilevel mixed-effects negative binomial regression
[ME]	menl	Nonlinear mixed-effects 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]	mestreg	Multilevel mixed-effects parametric survival models
[META]	meta meregress	Multilevel mixed-effects meta-regression
[META]	meta multilevel	Multilevel random-intercepts meta-regression
[ME]	metobit	Multilevel mixed-effects tobit regression
[ME]	mixed	Multilevel mixed-effects linear regression
[XT]	xtcloglog	Random-effects and population-averaged cloglog models
[XT]	xtintreg	Random-effects interval-data regression models
[XT]	xtlogit	Fixed-effects, random-effects, and population-averaged logit models
[XT]	xtlogit	Random-effects ordered logistic models
[XT]	xtoprobit	Random-effects ordered probit models
[XT]	xtprobit	Random-effects and population-averaged probit models
[XT]	xtrc	Random-coefficients model
[XT]	xtreg	Fixed-, between-, and random-effects and population-averaged linear models ⁺
[XT]	xttobit	Random-effects tobit models

Multidimensional scaling and biplots

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

Multilevel mixed-effects models

[U]	Section 27.16	Multilevel mixed-effects models
[BAYES]	Bayesian estimation	Bayesian estimation commands
[ME]	me	Introduction to multilevel mixed-effects models
[ME]	mecloglog	Multilevel mixed-effects complementary log–log regression
[ME]	meglm	Multilevel mixed-effects generalized linear models
[ME]	meintreg	Multilevel mixed-effects interval regression
[ME]	melogit	Multilevel mixed-effects logistic regression
[ME]	menbreg	Multilevel mixed-effects negative binomial regression
[ME]	menl	Nonlinear mixed-effects 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]	mestreg	Multilevel mixed-effects parametric survival models
[META]	meta meregress	Multilevel mixed-effects meta-regression
[META]	meta multilevel	Multilevel random-intercepts meta-regression
[ME]	metobit	Multilevel mixed-effects tobit regression
[ME]	mixed	Multilevel mixed-effects linear regression

Multiple imputation

[U]	Section 27.32	Multiple imputation
[MI]	Intro	Introduction to mi
[MI]	Intro substantive	Introduction to multiple-imputation analysis
[MI]	Estimation	Estimation commands for use with mi estimate
[MI]	mi estimate	Estimation using multiple imputations
[MI]	mi estimate using	Estimation using previously saved estimation results
[MI]	mi estimate postestimation	Postestimation tools for mi estimate
[MI]	mi impute	Impute missing values
[MI]	mi impute chained	Impute missing values using chained equations
[MI]	mi impute intreg	Impute using interval regression
[MI]	mi impute logit	Impute using logistic regression
[MI]	mi impute mlogit	Impute using multinomial logistic regression
[MI]	mi impute monotone	Impute missing values in monotone data
[MI]	mi impute mvn	Impute using multivariate normal regression
[MI]	mi impute nbreg	Impute using negative binomial regression
[MI]	mi impute ologit	Impute using ordered logistic regression
[MI]	mi impute pmm	Impute using predictive mean matching
[MI]	mi impute poisson	Impute using Poisson regression
[MI]	mi impute regress	Impute using linear regression
[MI]	mi impute truncreg	Impute using truncated regression
[MI]	<i>mi impute usermethod</i>	User-defined imputation methods
[MI]	mi predict	Obtain multiple-imputation predictions
[MI]	mi test	Test hypotheses after mi estimate

Multivariate analysis of variance and related techniques

[U]	Section 27.22	Multivariate analysis
[MV]	canon	Canonical correlations
[MV]	hotelling	Hotelling's T^2 generalized means test
[MV]	manova	Multivariate analysis of variance and covariance
[MV]	mvreg	Multivariate regression
[MV]	mvtest covariances	Multivariate tests of covariances
[MV]	mvtest means	Multivariate tests of means

Nonlinear regression

[R]	boxcox	Box–Cox regression models
[R]	demandsys	Estimation of flexible demand systems
[ME]	menl	Nonlinear mixed-effects regression
[R]	nl	Nonlinear least-squares estimation
[R]	nlsur	Estimation of nonlinear systems of equations

Nonparametric statistics

[R]	bitest	Binomial probability test
[R]	bootstrap	Bootstrap sampling and estimation
[R]	bsample	Sampling with replacement
[R]	bstat	Report bootstrap results
[R]	centile	Report centile and confidence interval
[R]	cusum	Cusum plots and tests for binary variables
[R]	ivqregress	Instrumental-variables quantile regression
[R]	kdensity	Univariate kernel density estimation

[R]	<code>ksmirnov</code>	.....	Kolmogorov–Smirnov equality-of-distributions test
[R]	<code>kwallis</code>	.....	Kruskal–Wallis equality-of-populations rank test
[R]	<code>lowess</code>	.....	Lowess smoothing
[R]	<code>lpoly</code>	.....	Kernel-weighted local polynomial smoothing
[R]	<code>makespline</code>	.....	Spline generation
[R]	<code>npregress intro</code>	.....	Introduction to nonparametric regression
[R]	<code>npregress kernel</code>	.....	Nonparametric kernel regression
[R]	<code>npregress series</code>	.....	Nonparametric series regression
[R]	<code>nptrend</code>	.....	Tests for trend across ordered groups
[R]	<code>prtest</code>	.....	Tests of proportions
[R]	<code>qreg</code>	.....	Quantile regression
[R]	<code>ranksum</code>	.....	Equality tests on unmatched data
[R]	<code>roc</code>	.....	Receiver operating characteristic (ROC) analysis
[R]	<code>roccomp</code>	.....	Tests of equality of ROC areas
[R]	<code>rocreg</code>	.....	Receiver operating characteristic (ROC) regression
[R]	<code>rocplot</code>	.....	Plot marginal and covariate-specific ROC curves after rocreg
[R]	<code>roctab</code>	.....	Nonparametric ROC analysis
[R]	<code>runtest</code>	.....	Test for random order
[R]	<code>signrank</code>	.....	Equality tests on matched data
[R]	<code>simulate</code>	.....	Monte Carlo simulations
[R]	<code>smooth</code>	.....	Robust nonlinear smoother
[R]	<code>spearman</code>	.....	Spearman’s and Kendall’s correlations
[R]	<code>symmetry</code>	.....	Symmetry and marginal homogeneity tests
[R]	<code>tabulate twoway</code>	.....	Two-way table of frequencies

Ordinal outcomes

[U]	<code>Chapter 20</code>	.....	Estimation and postestimation commands
[BAYES]	<code>Bayesian estimation</code>	.....	Bayesian estimation commands
[CM]	<code>cmrologit</code>	.....	Rank-ordered logit choice model
[CM]	<code>cmroprobit</code>	.....	Rank-ordered probit choice model
[ERM]	<code>eoprobit</code>	.....	Extended ordered probit regression
[FMM]	<code>fmm estimation</code>	.....	Fitting finite mixture models
[R]	<code>heckoprobit</code>	.....	Ordered probit model with sample selection
[R]	<code>hetoprobit</code>	.....	Heteroskedastic ordered probit regression
[IRT]	<code>irt grm</code>	.....	Graded response model
[IRT]	<code>irt pcm</code>	.....	Partial credit model
[IRT]	<code>irt rsm</code>	.....	Rating scale model
[ME]	<code>meologit</code>	.....	Multilevel mixed-effects ordered logistic regression
[ME]	<code>meoprobit</code>	.....	Multilevel mixed-effects ordered probit regression
[R]	<code>ologit</code>	.....	Ordered logistic regression
[R]	<code>oprobit</code>	.....	Ordered probit regression
[XT]	<code>xteoprobit</code>	.....	Extended random-effects ordered probit regression
[XT]	<code>xtologit</code>	.....	Random-effects ordered logistic models
[XT]	<code>xtoprobit</code>	.....	Random-effects ordered probit models
[R]	<code>ziologit</code>	.....	Zero-inflated ordered logit regression
[R]	<code>zioprobit</code>	.....	Zero-inflated ordered probit regression

Other statistics

[MV]	<code>alpha</code>	.....	Compute interitem correlations (covariances) and Cronbach’s alpha
[R]	<code>ameans</code>	.....	Arithmetic, geometric, and harmonic means
[R]	<code>brier</code>	.....	Brier score decomposition

[R]	centile	Report centile and confidence interval
[R]	kappa	Interrater agreement
[MV]	mvtest	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 27.33	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]	ciwidth	Precision and sample-size analysis for CIs
[PSS-3]	ciwidth onemean	Precision analysis for a one-mean CI
[PSS-3]	ciwidth onevariance	Precision analysis for a one-variance CI
[PSS-3]	ciwidth pairedmeans	Precision analysis for a paired-means-difference CI
[PSS-3]	ciwidth twomeans	Precision analysis for a two-means-difference CI
[PSS-3]	ciwidth usermethod	Add your own methods to the ciwidth command
[PSS-3]	ciwidth, graph	Graph results from the ciwidth command
[PSS-3]	ciwidth, table	Produce table of results from the ciwidth command
[PSS-3]	GUI (ciwidth)	Graphical user interface for precision and sample-size analysis
[PSS-2]	GUI (power)	Graphical user interface for power and sample-size analysis
[PSS-2]	power	Power and sample-size analysis for hypothesis tests
[PSS-2]	power cmh	Power and sample size for the Cochran–Mantel–Haenszel test
[PSS-2]	power cox	Power analysis for the Cox proportional hazards model
[PSS-2]	power exponential	Power analysis for a two-sample exponential test
[PSS-2]	power logrank	Power analysis for the log-rank test
[PSS-2]	power logrank, cluster	Power analysis for the log-rank test, CRD
[PSS-2]	power mcc	Power analysis for matched case–control studies
[PSS-2]	power onecorrelation	Power analysis for a one-sample correlation test
[PSS-2]	power onemean	Power analysis for a one-sample mean test
[PSS-2]	power onemean, cluster	Power analysis for a one-sample mean test, CRD
[PSS-2]	power oneproportion	Power analysis for a one-sample proportion test
[PSS-2]	power oneproportion, cluster	Power analysis for a one-sample proportion test, CRD
[PSS-2]	power oneslope	Power analysis for a slope test in a simple linear regression
[PSS-2]	power onevariance	Power analysis for a one-sample variance test
[PSS-2]	power oneway	Power analysis for one-way analysis of variance
[PSS-2]	power pairedmeans	Power analysis for a two-sample paired-means test
[PSS-2]	power pairedproportions	Power analysis for a two-sample paired-proportions test
[PSS-2]	power pcorr	Power analysis for a partial-correlation test in a multiple linear regression
[PSS-2]	power repeated	Power analysis for repeated-measures analysis of variance

[PSS-2]	power rsquared	Power analysis for an R^2 test in a multiple linear regression
[PSS-2]	power trend	Power analysis for the Cochran–Armitage trend test
[PSS-2]	power twocorrelations	Power analysis for a two-sample correlations test
[PSS-2]	power twomeans	Power analysis for a two-sample means test
[PSS-2]	power twomeans, cluster	Power analysis for a two-sample means test, CRD
[PSS-2]	power twoproportions	Power analysis for a two-sample proportions test
[PSS-2]	power twoproportions, cluster	Power analysis for a two-sample proportions test, CRD
[PSS-2]	power twovariances	Power analysis for a two-sample variances test
[PSS-2]	power twoway	Power analysis for two-way analysis of variance
[PSS-2]	power usermethod	Add your own methods to the power command
[PSS-2]	power, graph	Graph results from the power command
[PSS-2]	power, table	Produce table of results from the power command
[PSS-4]	Unbalanced designs	Specifications for unbalanced designs

Quality control

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

ROC analysis

[U]	Section 27.4.3	ROC analysis
[R]	roc	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
[CAUSAL]	etpoisson	Poisson regression with endogenous treatment effects
[CAUSAL]	etregress	Linear regression with endogenous treatment effects
[R]	heckman	Heckman selection model
[R]	heckprobit	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]	<code>xtprobit</code>	Extended random-effects probit regression
[XT]	<code>xteregress</code>	Extended random-effects linear regression
[XT]	<code>xthekman</code>	Random-effects regression with sample selection

Simulation/resampling

[R]	<code>bootstrap</code>	Bootstrap sampling and estimation
[R]	<code>bsample</code>	Sampling with replacement
[R]	<code>jackknife</code>	Jackknife estimation
[R]	<code>permute</code>	Permutation tests
[R]	<code>simulate</code>	Monte Carlo simulations
[R]	<code>wildbootstrap</code>	Wild cluster bootstrap inference

Spatial autoregressive models

[U]	Section 27.19	Spatial autoregressive models
[SP]	<code>Intro</code>	Introduction to spatial data and SAR models
[SP]	<code>Intro 1</code>	A brief introduction to SAR models
[SP]	<code>Intro 2</code>	The W matrix
[SP]	<code>Intro 3</code>	Preparing data for analysis
[SP]	<code>Intro 4</code>	Preparing data: Data with shapefiles
[SP]	<code>Intro 5</code>	Preparing data: Data containing locations (no shapefiles)
[SP]	<code>Intro 6</code>	Preparing data: Data without shapefiles or locations
[SP]	<code>Intro 7</code>	Example from start to finish
[SP]	<code>Intro 8</code>	The Sp estimation commands
[SP]	<code>estat moran</code>	Moran's test of residual correlation with nearby residuals
[SP]	<code>grmap</code>	Graph choropleth maps
[SP]	<code>spbalance</code>	Make panel data strongly balanced
[SP]	<code>spcompress</code>	Compress Stata-format shapefile
[SP]	<code>spdistance</code>	Calculator for distance between places
[SP]	<code>spgenerate</code>	Generate variables containing spatial lags
[SP]	<code>spivregress</code>	Spatial autoregressive models with endogenous covariates
[SP]	<code>spmatrix</code>	Categorical guide to the spmatrix command
[SP]	<code>spmatrix copy</code>	Copy spatial weighting matrix stored in memory
[SP]	<code>spmatrix create</code>	Create standard weighting matrices
[SP]	<code>spmatrix drop</code>	List and delete weighting matrices stored in memory
[SP]	<code>spmatrix export</code>	Export weighting matrix to text file
[SP]	<code>spmatrix fromdata</code>	Create custom weighting matrix from data
[SP]	<code>spmatrix import</code>	Import weighting matrix from text file
[SP]	<code>spmatrix matafromsp</code>	Copy weighting matrix to Mata
[SP]	<code>spmatrix normalize</code>	Normalize weighting matrix
[SP]	<code>spmatrix note</code>	Put note on weighting matrix, or display it
[SP]	<code>spmatrix save</code>	Save spatial weighting matrix to file
[SP]	<code>spmatrix spfrommata</code>	Copy Mata matrix to Sp
[SP]	<code>spmatrix summarize</code>	Summarize weighting matrix stored in memory
[SP]	<code>spmatrix use</code>	Load spatial weighting matrix from file
[SP]	<code>spmatrix userdefined</code>	Create custom weighting matrix
[SP]	<code>spregress</code>	Spatial autoregressive models
[SP]	<code>spset</code>	Declare data to be Sp spatial data
[SP]	<code>spshape2dta</code>	Translate shapefile to Stata format
[SP]	<code>spxtregress</code>	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 variables to produce alternative forecasts
[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 parameters
[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 27.25	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 lmean	Latent class marginal means
[SEM]	estat lprob	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]	<code>predict after gsem</code>	Generalized linear predictions, etc.
[SEM]	<code>predict after sem</code>	Factor scores, linear predictions, etc.
[SEM]	<code>sem</code>	Structural equation model estimation command
[SEM]	<code>sem and gsem option constraints()</code>	Specifying constraints
[SEM]	<code>sem and gsem option covstructure()</code>	Specifying covariance restrictions
[SEM]	<code>sem and gsem option from()</code>	Specifying starting values
[SEM]	<code>sem and gsem option reliability()</code>	Fraction of variance not due to measurement error
[SEM]	<code>sem and gsem path notation</code>	Command syntax for path diagrams
[SEM]	<code>sem and gsem syntax options</code>	Options affecting interpretation of syntax
[SEM]	<code>sem estimation options</code>	Options affecting estimation
[SEM]	<code>sem group options</code>	Fitting models on different groups
[SEM]	<code>sem model description options</code>	Model description options
[SEM]	<code>sem option method()</code>	Specifying method and calculation of VCE
[SEM]	<code>sem option noxconditional</code>	Computing means, etc., of observed exogenous variables
[SEM]	<code>sem option select()</code>	Using <code>sem</code> with summary statistics data
[SEM]	<code>sem path notation extensions</code>	Command syntax for path diagrams
[SEM]	<code>sem postestimation</code>	Postestimation tools for <code>sem</code>
[SEM]	<code>sem reporting options</code>	Options affecting reporting of results
[SEM]	<code>sem ssd options</code>	Options for use with summary statistics data
[SEM]	<code>ssd</code>	Making summary statistics data (<code>sem</code> only)
[SEM]	<code>test</code>	Wald test of linear hypotheses
[SEM]	<code>testnl</code>	Wald test of nonlinear hypotheses

Survey data

[U]	Chapter 20	Estimation and postestimation commands
[U]	Section 27.31	Survey data
[SVY]	Survey	Introduction to survey commands
[SVY]	<code>bootstrap_options</code>	More options for bootstrap variance estimation
[SVY]	<code>brr_options</code>	More options for BRR variance estimation
[SVY]	Calibration	Calibration for survey data
[SVY]	Direct standardization	Direct standardization of means, proportions, and ratios
[SVY]	<code>estat</code>	Postestimation statistics for survey data
[TABLES]	Example 7	Table of regression results using survey data
[SVY]	<code>jackknife_options</code>	More options for jackknife variance estimation
[SVY]	<code>ml for svy</code>	Maximum pseudolikelihood estimation for survey data
[SVY]	Poststratification	Poststratification for survey data
[P]	<code>_robust</code>	Robust variance estimates
[SVY]	<code>sdr_options</code>	More options for SDR variance estimation
[SVY]	Subpopulation estimation	Subpopulation estimation for survey data
[SVY]	<code>svy</code>	The survey prefix command
[SVY]	<code>svy bootstrap</code>	Bootstrap for survey data
[SVY]	<code>svy brr</code>	Balanced repeated replication for survey data
[SVY]	<code>svy estimation</code>	Estimation commands for survey data
[SVY]	<code>svy jackknife</code>	Jackknife estimation for survey data
[SVY]	<code>svy postestimation</code>	Postestimation tools for <code>svy</code>
[SVY]	<code>svy sdr</code>	Successive difference replication for survey data
[SVY]	<code>svy: tabulate oneway</code>	One-way tables for survey data
[SVY]	<code>svy: tabulate twoway</code>	Two-way tables for survey data
[SVY]	<code>svydescribe</code>	Describe survey data
[SVY]	<code>svymarkout</code> ..	Mark observations for exclusion on the basis of survey characteristics
[SVY]	<code>svyset</code>	Declare survey design for dataset

[MI]	<code>mi XXXset</code>	Declare <code>mi</code> data to be <code>svy</code> , <code>st</code> , <code>ts</code> , <code>xt</code> , etc.
[SVY]	<code>Variance estimation</code>	Variance estimation for survey data

Survival analysis

[U]	<code>Chapter 20</code>	Estimation and postestimation commands
[U]	<code>Section 27.15.5</code>	Survival models with panel data
[U]	<code>Section 27.17</code>	Survival analysis models
[U]	<code>Section 27.20</code>	Causal inference
[U]	<code>Section 27.33</code>	Power, precision, and sample-size analysis
[ST]	<code>Survival analysis</code>	Introduction to survival analysis commands
[ST]	<code>adjustfor_option</code>	Adjust survivor and related functions for covariates at specific values
[BAYES]	<code>bayes: streg</code>	Bayesian parametric survival models
[ST]	<code>ct</code>	Count-time data
[ST]	<code>ctset</code>	Declare data to be count-time data
[ST]	<code>cttost</code>	Convert count-time data to survival-time data
[ST]	<code>Discrete</code>	Discrete-time survival analysis
[LASSO]	<code>elasticnet</code>	Elastic net for prediction and model selection
[ST]	<code>estat gofplot</code>	Goodness-of-fit plots after <code>streg</code> , <code>stcox</code> , <code>stintreg</code> , or <code>stintcox</code>
[FMM]	<code>fmm: streg</code>	Finite mixtures of parametric survival models
[LASSO]	<code>lasso</code>	Lasso for prediction and model selection
[ST]	<code>ltable</code>	Life tables for survival data
[ME]	<code>mestreg</code>	Multilevel mixed-effects parametric survival models
[R]	<code>rerl</code>	Relative excess risk due to interaction
[ST]	<code>snapspan</code>	Convert snapshot data to time-span data
[ST]	<code>st</code>	Survival-time data
[ST]	<code>st_is</code>	Survival analysis subroutines for programmers
[ST]	<code>stbase</code>	Form baseline dataset
[ST]	<code>stci</code>	Confidence intervals for means and percentiles of survival time
[ST]	<code>stcox</code>	Cox proportional hazards model
[ST]	<code>stcox PH-assumption tests</code>	Tests of proportional-hazards assumption after <code>stcox</code>
[ST]	<code>stcrreg</code>	Competing-risks regression
[ST]	<code>stcurve</code>	Plot the survivor or related function after <code>streg</code> , <code>stcox</code> , and more
[ST]	<code>stdescribe</code>	Describe survival-time data
[R]	<code>stepwise</code>	Stepwise estimation
[ST]	<code>stfill</code>	Fill in by carrying forward values of covariates
[ST]	<code>stgen</code>	Generate variables reflecting entire histories
[ST]	<code>stintcox</code>	Cox proportional hazards model for interval-censored survival-time data
[ST]	<code>stintcox PH-assumption plots</code>	Plots of proportional-hazards assumption after <code>stintcox</code>
[ST]	<code>stintreg</code>	Parametric models for interval-censored survival-time data
[ST]	<code>stir</code>	Report incidence-rate comparison
[ST]	<code>stmc</code>	Calculate rate ratios with the Mantel–Cox method
[ST]	<code>stmh</code>	Calculate rate ratios with the Mantel–Haenszel method
[ST]	<code>stptime</code>	Calculate person-time, incidence rates, and SMR
[ST]	<code>strate</code>	Tabulate failure rates and rate ratios
[ST]	<code>streg</code>	Parametric survival models
[ST]	<code>sts</code>	Generate, graph, list, and test the survivor and related functions
[ST]	<code>sts generate</code>	Create variables containing survivor and related functions
[ST]	<code>sts graph</code>	Graph the survivor or related function
[ST]	<code>sts list</code>	List the survivor or related function
[ST]	<code>sts test</code>	Test equality of survivor functions
[ST]	<code>stset</code>	Declare data to be survival-time data

[MI]	<code>mi XXXset</code>	Declare mi data to be svy, st, ts, xt, etc.
[ST]	<code>stsplit</code>	Split and join time-span records
[MI]	<code>mi stsplit</code>	Split and join time-span records for mi data
[ST]	<code>stsum</code>	Summarize survival-time data
[CAUSAL]	<code>stteffects ipw</code>	Survival-time inverse-probability weighting
[CAUSAL]	<code>stteffects ipwra</code>	Survival-time inverse-probability-weighted regression adjustment
[CAUSAL]	<code>stteffects ra</code>	Survival-time regression adjustment
[CAUSAL]	<code>stteffects wra</code>	Survival-time weighted regression adjustment
[ST]	<code>sttocc</code>	Convert survival-time data to case–control data
[ST]	<code>sttoct</code>	Convert survival-time data to count-time data
[ST]	<code>stvary</code>	Report variables that vary over time
[XT]	<code>xtstreg</code>	Random-effects parametric survival models

Also see *Power, 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]	<code>dfactor</code>	Dynamic-factor models
[TS]	<code>fcast compute</code>	Compute dynamic forecasts
[TS]	<code>fcast graph</code>	Graph forecasts after <code>fcast compute</code>
[TS]	<code>forecast</code>	Econometric model forecasting
[TS]	<code>forecast adjust</code>	Adjust variables to produce alternative forecasts
[TS]	<code>forecast clear</code>	Clear current model from memory
[TS]	<code>forecast coefvector</code>	Specify an equation via a coefficient vector
[TS]	<code>forecast create</code>	Create a new forecast model
[TS]	<code>forecast describe</code>	Describe features of the forecast model
[TS]	<code>forecast drop</code>	Drop forecast variables
[TS]	<code>forecast estimates</code>	Add estimation results to a forecast model
[TS]	<code>forecast exogenous</code>	Declare exogenous variables
[TS]	<code>forecast identity</code>	Add an identity to a forecast model
[TS]	<code>forecast list</code>	List forecast commands composing current model
[TS]	<code>forecast query</code>	Check whether a forecast model has been started
[TS]	<code>forecast solve</code>	Obtain static and dynamic forecasts
[TS]	<code>irf</code>	Create and analyze IRFs, dynamic-multiplier functions, and FEVDs
[TS]	<code>irf add</code>	Add results from an IRF file to the active IRF file
[TS]	<code>irf cgraph</code>	Combined graphs of IRFs, dynamic-multiplier functions, and FEVDs
[TS]	<code>irf create</code>	Obtain IRFs, dynamic-multiplier functions, and FEVDs
[TS]	<code>irf ctable</code>	Combined tables of IRFs, dynamic-multiplier functions, and FEVDs
[TS]	<code>irf describe</code>	Describe an IRF file
[TS]	<code>irf drop</code>	Drop IRF results from the active IRF file
[TS]	<code>irf graph</code>	Graphs of IRFs, dynamic-multiplier functions, and FEVDs
[TS]	<code>irf ograph</code>	Overlaid graphs of IRFs, dynamic-multiplier functions, and FEVDs
[TS]	<code>irf rename</code>	Rename an IRF result in an IRF file
[TS]	<code>irf set</code>	Set the active IRF file
[TS]	<code>irf table</code>	Tables of IRFs, dynamic-multiplier functions, and FEVDs
[TS]	<code>lpirf</code>	Local-projection impulse–response functions
[TS]	<code>mgarch</code>	Multivariate GARCH models
[TS]	<code>mgarch ccc</code>	Constant conditional correlation multivariate GARCH models

[TS]	mgarch dcc	Dynamic conditional correlation multivariate GARCH models
[TS]	mgarch dvech	Diagonal vech multivariate GARCH models
[TS]	mgarch vcc	Varying conditional correlation multivariate GARCH models
[TS]	rolling	Rolling-window and recursive estimation
[TS]	spspace	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 ivsvar	Instrumental-variables structural 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
[TS]	varlmar	LM test for residual autocorrelation
[TS]	varnorm	Test for normally distributed disturbances
[TS]	varsoc	Obtain lag-order selection statistics for VAR and VEC models
[TS]	varstable	Check the stability condition of VAR or SVAR estimates
[TS]	varwle	Obtain Wald lag-exclusion statistics
[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 VEC model
[TS]	vecstable	Check the stability condition of VEC model 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]	arfimasoc	Obtain lag-order selection statistics for ARFIMAs
[TS]	arima	ARIMA, ARMAX, and other dynamic regression models
[TS]	arimasoc	Obtain lag-order selection statistics for ARIMAs
[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 aplot	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 variables to produce alternative forecasts
[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]	tsset	Declare data to be time-series data
[TS]	tssmooth	Smooth and forecast univariate time-series data
[TS]	tssmooth dextrponential	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 tests for normality
[R]	swilk	Shapiro–Wilk and Shapiro–Francia tests for normality

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]	Mata Reference Manual	

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]	Mata Reference Manual	

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
[P]	H2O intro	Introduction to integration with H2O
[RPT]	html2docx	Convert an HTML file to a Word (.docx) document
[P]	include	Include commands from file
[P]	Java integration	Java integration for Stata
[P]	Java intro	Introduction to Java in Stata
[P]	Java plugin	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 collect	Add a table from a collection to 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 collect	Add a table from a collection to 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
[P]	PyStata intro	Introduction to using Python and Stata together
[P]	PyStata integration	Call Python from Stata
[P]	PyStata module	Python package <code>pystata</code> to call Stata from Python
[M-5]	Quadrature()	Numerical integration
[P]	_return	Preserve stored results
[P]	_rmcoll	Remove collinear variables
[P]	_robust	Robust variance estimates
[P]	serseset	Create and manipulate sersesets
[D]	snapshot	Save and restore data snapshots
[P]	unab	Unabbreviate variable list
[P]	unabcmd	Unabbreviate command name
[D]	unicode collator	Language-specific Unicode collators
[D]	unicode convertfile	Low-level file conversion between encodings
[P]	varabbrev	Control variable abbreviation
[P]	viewsource	View source code
[M-5]	xl()	Excel file I/O class

Special-interest programming commands

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

Projects

[P]	Project Manager	Organize Stata files
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File formats

[P]	File formats .dta	Description of <code>.dta</code> file format
[P]	File formats .dtas	Description of Stata frameset (<code>.dtas</code>) file format
[D]	unicode convertfile	Low-level file conversion between encodings
[D]	unicode translate	Translate files to Unicode

Mata

[M]	Mata Reference Manual	
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Customizable tables and collections

[TABLES]	Intro	Introduction
[TABLES]	Intro 1	How to read this manual
[TABLES]	Intro 2	A tour of concepts and commands
[TABLES]	Intro 3	Workflow outline
[TABLES]	Intro 4	Overview of commands
[TABLES]	Intro 5	Other tabulation commands
[TABLES]	Appendix	Appendix
[TABLES]	collect addtags	Add tags to items in a collection
[TABLES]	collect clear	Clear all collections in memory
[TABLES]	collect combine	Combine collections
[TABLES]	collect composite	Manage composite results in a collection
[TABLES]	collect copy	Copy a collection
[TABLES]	collect create	Create a new collection
[TABLES]	collect dims	List dimensions in a collection
[TABLES]	collect dir	Display names of all collections in memory
[TABLES]	collect export	Export table from a collection
[TABLES]	collect get	Collect results from a Stata command
[TABLES]	collect label	Manage custom labels in a collection
[TABLES]	collect layout	Specify table layout for the current collection
[TABLES]	collect levelsof	List levels of a dimension
[TABLES]	collect notes	Add table notes in a collection
[TABLES]	collect preview	Preview the table in a collection
[TABLES]	collect query	Query collection style properties
[TABLES]	collect recode	Recode dimension levels in a collection
[TABLES]	collect remap	Remap tags in a collection
[TABLES]	collect rename	Rename a collection
[TABLES]	collect save	Save a collection to disk
[TABLES]	collect set	Set the current (active) collection
[TABLES]	collect stars	Add stars for significant results in a collection
[TABLES]	collect style _cons	Collection styles for intercept position
[TABLES]	collect style autolevels	Collection styles for automatic dimension levels
[TABLES]	collect style cell	Collection styles for cells
[TABLES]	collect style clear	Clear all collection styles
[TABLES]	collect style column	Collection styles for column headers
[TABLES]	collect style header	Collection styles for hiding and showing header components
[TABLES]	collect style html	Collection styles for HTML files
[TABLES]	collect style notes	Collection styles for table notes
[TABLES]	collect style putdocx	Collection styles for putdocx
[TABLES]	collect style putpdf	Collection styles for putpdf
[TABLES]	collect style row	Collection styles for row headers
[TABLES]	collect style save	Save collection styles to disk
[TABLES]	collect style showbase	Collection styles for displaying base levels
[TABLES]	collect style showempty	Collection styles for displaying empty cells
[TABLES]	collect style showomit	Collection styles for displaying omitted coefficients
[TABLES]	collect style table	Collection styles for table headers
[TABLES]	collect style tex	Collection styles for L ^A T _E X files
[TABLES]	collect style title	Collection styles for table titles
[TABLES]	collect style use	Use collection styles from disk
[TABLES]	collect title	Add a custom table title in a collection
[TABLES]	collect use	Use a collection from disk

[TABLES]	Collection principles	Tags, dimensions, levels, and layout from first principles
[R]	dtable	Create a table of descriptive statistics
[R]	etable	Create a table of estimation results
[TABLES]	Example 1	Table of means, standard deviations, and correlations
[TABLES]	Example 2	Table of medians and rank-sum test results
[TABLES]	Example 3	Table of comparative summary statistics
[TABLES]	Example 4	Table of <i>t</i> test results
[TABLES]	Example 5	Table of regression coefficients and confidence intervals
[TABLES]	Example 6	Table comparing regression results
[TABLES]	Example 7	Table of regression results using survey data
[TABLES]	Predefined styles	Predefined collection styles
[TABLES]	set collect_double	Storage type settings for collections
[TABLES]	set collect_label	Label settings for collections
[TABLES]	set collect_style	Style settings for collections
[TABLES]	set collect_warn	Warning settings for collections
[TABLES]	set dtable_style	Default style settings for dtable
[TABLES]	set etable_style	Default style settings for etable
[TABLES]	set table_style	Default style settings for table
[R]	table intro	Introduction to tables of frequencies, summaries, and command results
[R]	table	Table of frequencies, summaries, and command results
[R]	table hypothesis tests	Table of hypothesis tests
[R]	table multiway	Multiway tables
[R]	table oneway	One-way tabulation
[R]	table regression	Table of regression results
[R]	table summary	Table of summary statistics
[R]	table twoway	Two-way tabulation

Automated document and report creation

[U]	Chapter 21	Creating reports
[RPT]	Appendix for putdocx	Appendix for putdocx entries
[RPT]	Appendix for putpdf	Appendix for putpdf entries
[RPT]	Intro	Introduction to reporting manual
[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
[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 collect	Add a table from a collection to 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 collect	Add a table from a collection to 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
[RPT]	set docx	Format settings for blocks of text

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

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