

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.

Getting started

Data manipulation and management

- Basic data commands*
- Creating and dropping variables*
- Functions and expressions*
- Strings*
- Dates and times*
- Loading, saving, importing, and exporting data*
- Combining data*
- Certifying data*

- Reshaping datasets*
- Labeling, display formats, and notes*
- Changing and renaming variables*
- Examining data*
- File manipulation*
- Miscellaneous data commands*
- Multiple datasets in memory*
- Multiple imputation*

Utilities

- Basic utilities*
- Error messages*
- Stored results*

- Internet*
- Data types and memory*
- Advanced utilities*

Graphics

- Bayesian analysis graphs*
- Bayesian model averaging graphs*
- Common graphs*
- Distributional graphs*
- Item response theory graphs*
- Lasso graphs*
- Meta-analysis graphs*
- Multivariate graphs*
- Power, precision, and sample-size graphs*
- Quality control*

- Regression diagnostic plots*
- ROC analysis*
- Smoothing and densities*
- Survival-analysis graphs*
- Time-series graphs*
- More statistical graphs*
- Editing*
- Graph concepts*
- Graph schemes*
- Graph utilities*

Statistics

- ANOVA and related*
- Basic statistics*
- Bayesian analysis*
- Bayesian model averaging*
- Binary outcomes*
- Categorical outcomes*
- Causal inference and treatment-effects estimation*
- Censored and truncated regression models*
- Choice models*
- Cluster analysis*
- Correspondence analysis*
- Count outcomes*
- Discriminant analysis*
- Do-it-yourself generalized method of moments*
- Do-it-yourself maximum likelihood estimation*
- Dynamic stochastic general equilibrium models*

- Linear regression and related*
- Logistic and probit regression*
- Longitudinal data/panel data*
- Meta-analysis*
- Mixed models*
- Multidimensional scaling and biplots*
- Multilevel mixed-effects models*
- Multiple imputation*
- Multivariate analysis of variance and related techniques*
- Nonlinear regression*
- Nonparametric statistics*
- Ordinal outcomes*
- Other statistics*
- Pharmacokinetic statistics*
- Power, precision, and sample size*

2 Combined subject table of contents

Endogenous covariates
Epidemiology and related
Estimation related
Exact statistics
Extended regression models
Factor analysis and principal components
Finite mixture models
Fractional outcomes
Generalized linear models
Group sequential designs
Indicator and categorical variables
Item response theory
Lasso
Latent class models

Quality control
ROC analysis
Rotation
Sample selection models
Simulation/resampling
Spatial autoregressive models
Standard postestimation tests, tables,
and other analyses
Structural equation modeling
Survey data
Survival analysis
Time series, multivariate
Time series, univariate
Transforms and normality tests

Matrix commands

Basics
Programming

Other
Mata

Programming

Basics
Program control
Parsing and program arguments
Console output
Commonly used programming commands
Debugging

Projects
Advanced programming commands
Special-interest programming commands
File formats
Mata

Customizable tables and collections

Automated document and report creation

Interface features

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	

4 Combined subject table of contents

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

Miscellaneous data commands

[D]	corr2data	Create dataset with specified correlation structure
[D]	drawnorm	Draw sample from multivariate normal distribution
[R]	dydx	Calculate numeric derivatives and integrals
[D]	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]	_return	Preserve stored results
[P]	return	Return stored results
[R]	Stored results	Stored results

Internet

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

Data types and memory

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

Advanced utilities

[D]	assert	Verify truth of claim
[D]	assertnested	Verify variables nested
[D]	cd	Change directory
[D]	changeool	Convert end-of-line characters of text file
[D]	checksum	Calculate checksum of file
[D]	copy	Copy file from disk or URL
[P]	_datasignature	Determine whether data have changed
[D]	datasignature	Determine whether data have changed
[R]	db	Launch dialog
[P]	Dialog programming	Dialog programming
[D]	dir	Display filenames
[P]	discard	Drop automatically loaded programs
[D]	erase	Erase a disk file
[P]	file	Read and write text and binary files
[D]	filefilter	Convert ASCII or binary patterns in a file
[D]	hexdump	Display hexadecimal report on file
[D]	mkdir	Create directory
[R]	more	The —more— message
[R]	query	Display system parameters
[P]	quietly	Quietly and noisily perform Stata command
[D]	rmdir	Remove directory
[R]	set	Overview of system parameters
[R]	set cformat	Format settings for coefficient tables
[R]	set_defaults	Reset system parameters to original Stata defaults
[R]	set emptycells	Set what to do with empty cells in interactions
[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]	bayescast 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 fpfit	Twoway fractional-polynomial prediction plots
[G-2]	graph twoway fpfitci	Twoway fractional-polynomial prediction plots with CIs
[G-2]	graph twoway function	Twoway line plot of function
[G-2]	graph twoway histogram	Histogram plots
[G-2]	graph twoway kdensity	Kernel density plots
[G-2]	graph twoway lfit	Twoway linear prediction plots
[G-2]	graph twoway lfitci	Twoway linear prediction plots with CIs
[G-2]	graph twoway line	Twoway line plots ⁺
[G-2]	graph twoway lowess	Local linear smooth plots
[G-2]	graph twoway lpoly	Local polynomial smooth plots
[G-2]	graph twoway lpolyci	Local polynomial smooth plots with CIs
[G-2]	graph twoway mband	Twoway median-band plots
[G-2]	graph twoway mspline	Twoway median-spline plots
[G-2]	graph twoway 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 pspike	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 tsline	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

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] [PH plots \(interval-censored\)](#) PH-assumption plots for interval-censored data
 [ST] [PH plots \(right-censored\)](#) PH-assumption plots for right-censored data
 [ST] [estat gofplot](#) Goodness-of-fit plots after streg, stcox, stntreg, stntcox, or stmgintcox⁺
 [ST] [ltable](#) Life tables for survival data
 [ST] [stci](#) Confidence intervals for means and percentiles of survival time
 [ST] [stcurve](#) Plot the survivor or related function after streg, stcox, and more⁺
 [ST] [strate](#) Tabulate failure rates and rate ratios
 [ST] [sts graph](#) Graph the survivor or related function

Time-series graphs

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

More statistical graphs

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

Editing

[G-1]	Graph Editor	Graph Editor
-------	------------------------------	--------------

Graph concepts

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

Graph schemes

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

Graph utilities

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

Statistics

ANOVA and related

[U]	Chapter 27	Overview of Stata estimation commands
[R]	anova	Analysis of variance and covariance
[R]	contrast	Contrasts and linear hypothesis tests after estimation
[R]	icc	Intraclass correlation coefficients
[R]	loneway	Large one-way ANOVA, random effects, and reliability
[MV]	manova	Multivariate analysis of variance and covariance
[ME]	meglm	Multilevel mixed-effects generalized linear models
[ME]	mixed	Multilevel mixed-effects linear regression
[R]	oneway	One-way analysis of variance
[R]	pkcross	Analyze crossover experiments
[R]	pkshape	Reshape (pharmacokinetic) Latin-square data

[R] [pwcompare](#) Pairwise comparisons
 [R] [regress](#) Linear regression
 [XT] [xtreg](#) Linear models for panel data⁺

Basic statistics

[R] [anova](#) Analysis of variance and covariance
 [R] [bitest](#) Binomial probability test
 [R] [ci](#) Confidence intervals for means, proportions, and variances
 [R] [correlate](#) Correlations of variables
 [D] [egen](#) Extensions to generate
 [R] [esize](#) Effect size based on mean comparison
 [R] [icc](#) Intraclass correlation coefficients
 [R] [mean](#) Estimate means
 [R] [misstable](#) Tabulate missing values
 [MV] [mvtest](#) Multivariate tests
 [R] [oneway](#) One-way analysis of variance
 [R] [proportion](#) Estimate proportions
 [R] [prtest](#) Tests of proportions
 [R] [pwmean](#) Pairwise comparisons of means
 [R] [ranksum](#) Equality tests on unmatched data
 [R] [ratio](#) Estimate ratios
 [R] [regress](#) Linear regression
 [R] [sdtest](#) Variance-comparison tests
 [R] [signrank](#) Equality tests on matched data
 [D] [statsby](#) Collect statistics for a command across a by list
 [R] [summarize](#) Summary statistics
 [R] [table 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 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
 [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 after Bayesian estimation
 [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 nl	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: meprobit	Bayesian multilevel probit regression
[BAYES]	bayes: mestreg	Bayesian multilevel parametric survival models
[BAYES]	bayes: metobit	Bayesian multilevel tobit regression
[BAYES]	bayes: mixed	Bayesian multilevel linear regression
[BAYES]	bayes: mlogit	Bayesian multinomial logistic regression
[BAYES]	bayes: mprobit	Bayesian multinomial probit regression
[BAYES]	bayes: mvreg	Bayesian multivariate regression
[BAYES]	bayes: nbreg	Bayesian negative binomial regression
[BAYES]	bayes: ologit	Bayesian ordered logistic regression
[BAYES]	bayes: oprobit	Bayesian ordered probit regression
[BAYES]	bayes: poisson	Bayesian Poisson regression
[BAYES]	bayes: probit	Bayesian probit regression
[BAYES]	bayes: qreg	Bayesian quantile regression ⁺
[BAYES]	bayes: regress	Bayesian linear regression
[BAYES]	bayes: streg	Bayesian parametric survival models
[BAYES]	bayes: tnbreg	Bayesian truncated negative binomial regression
[BAYES]	bayes: tobit	Bayesian tobit regression
[BAYES]	bayes: tpoisson	Bayesian truncated Poisson regression
[BAYES]	bayes: truncreg	Bayesian truncated regression
[BAYES]	bayes: var	Bayesian vector autoregressive models
[BAYES]	bayes: var postestimation	Postestimation tools for bayes: var

[BAYES]	bayes: xtlogit	Bayesian random-effects logit model
[BAYES]	bayes: xtmllogit	Bayesian random-effects multinomial logit model
[BAYES]	bayes: xtnbreg	Bayesian random-effects negative binomial model
[BAYES]	bayes: xtologit	Bayesian random-effects ordered logistic model
[BAYES]	bayes: xtprobit	Bayesian random-effects ordered probit model
[BAYES]	bayes: xtpoisson	Bayesian random-effects Poisson model
[BAYES]	bayes: xtprobit	Bayesian random-effects probit model
[BAYES]	bayes: xtreg	Bayesian random-effects linear model
[BAYES]	bayes: zinb	Bayesian zero-inflated negative binomial regression
[BAYES]	bayes: ziologit	Bayesian zero-inflated ordered logit regression
[BAYES]	bayes: zioprobit	Bayesian zero-inflated ordered probit regression
[BAYES]	bayes: zip	Bayesian zero-inflated Poisson regression
[BAYES]	bayesfcst	Bayesian dynamic forecasts
[BAYES]	bayesfcst compute	Compute Bayesian dynamic forecasts
[BAYES]	bayesfcst graph	Graphs of Bayesian dynamic forecasts
[BAYES]	bayesgraph	Graphical summaries and convergence diagnostics
[BAYES]	bayesirf	Bayesian IRFs, dynamic-multiplier functions, and FEVDs
[BAYES]	bayesirf cgraph	Combined graphs of Bayesian IRF results
[BAYES]	bayesirf create	Obtain Bayesian IRFs, dynamic-multiplier functions, and FEVDs
[BAYES]	bayesirf ctable	Combined tables 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
[BAYES]	bayesirf table	Tables of Bayesian IRFs, dynamic-multiplier functions, and FEVDs
[BAYES]	bayesmh	Bayesian models using Metropolis–Hastings algorithm ⁺
[BAYES]	bayesmh evaluators	User-defined evaluators with bayesmh
[BAYES]	bayespredict	Bayesian predictions
[BAYES]	bayesselect	Bayesian variable selection for linear regression ⁺
[BAYES]	bayesstats	Bayesian statistics after Bayesian estimation
[BAYES]	bayesstats ess	Effective sample sizes and related statistics
[BAYES]	bayesstats grubin	Gelman–Rubin convergence diagnostics
[BAYES]	bayesstats ic	Bayesian information criteria and Bayes factors
[BAYES]	bayesstats ppvalues	Bayesian predictive p-values and other predictive summaries
[BAYES]	bayesstats summary	Bayesian summary statistics
[BAYES]	bayestest	Bayesian hypothesis testing
[BAYES]	bayestest interval	Interval hypothesis testing
[BAYES]	bayestest model	Hypothesis testing using model posterior probabilities
[BAYES]	bayesvarstable	Check the stability condition of Bayesian VAR estimates
[BMA]	bmaregress	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 mszie	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]	cfprobit	Control-function 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]	rocfit	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 nnmatch	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]	xtprobit	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 nnmatch	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]	xtprobit	Extended random-effects probit regression
[XT]	xtregress	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]	heckprobit	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]	stmgintcox	Marginal Cox PH model for interval-censored multiple-event 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]	xtheckman	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]	cmprobit	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]	cmtab	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]	measure_option	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 nnmatch	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]	screepplot	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]	mlxpr	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]	dsgenl	Nonlinear dynamic stochastic general equilibrium models
[DSGE]	dsgenl postestimation	Postestimation tools for dsgenl
[DSGE]	estat covariance	Display estimated covariances of model variables
[DSGE]	estat policy	Display policy matrix
[DSGE]	estat stable	Check stability of system
[DSGE]	estat steady	Display steady state of nonlinear DSGE model
[DSGE]	estat transition	Display state transition matrix

Endogenous covariates

[U]	Chapter 20	Estimation and postestimation commands
[U]	Chapter 27	Overview of Stata estimation commands
[R]	cfprobit	Control-function probit regression ⁺
[R]	cfregress	Control-function linear regression ⁺
[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]	poiivregr	Partialing-out lasso instrumental-variables regression
[R]	reg3	Three-stage estimation for systems of simultaneous equations
[LASSO]	xpoiivregr	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]	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]	xthtaylor	Hausman–Taylor estimator for error-components models
[XT]	xtivreg	Instrumental variables and two-stage least squares for panel-data models
[XT]	xtvar	Panel-data vector autoregressive 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]	rocfitt	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]	fp	Fractional polynomial regression
[R]	IC note	Calculating and interpreting information criteria
[R]	makespline	Spline generation
[R]	Maximize	Details of iterative maximization
[R]	mfp	Multivariable fractional polynomial models
[R]	stepwise	Stepwise estimation
[R]	vce_option	Variance estimators
[XT]	vce_options	Variance estimators

Exact statistics

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

Extended regression models

[ERM]	ERM options	Extended regression model options
[ERM]	Intro	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]	eintreg	Extended interval regression
[ERM]	eintreg postestimation	Postestimation tools for eintreg and xteintreg
[ERM]	eintreg predict	predict after eintreg and xteintreg
[ERM]	eoprobit	Extended ordered probit regression
[ERM]	eoprobit postestimation	Postestimation tools for eoprobit and xteoprobit
[ERM]	eoprobit predict	predict after eoprobit and xteoprobit
[ERM]	eprobit	Extended probit regression
[ERM]	eprobit postestimation	Postestimation tools for eprobit and xteprobit
[ERM]	eprobit predict	predict after eprobit and xteprobit
[ERM]	eregress	Extended linear regression
[ERM]	eregress postestimation	Postestimation tools for eregress and xteregress
[ERM]	eregress predict	predict after eregress and xteregress
[ERM]	estat teffects	Average treatment effects for extended regression models
[ERM]	Example 1a	Linear regression with continuous endogenous covariate
[ERM]	Example 1b	Interval regression with continuous endogenous covariate
[ERM]	Example 1c	Interval regression with endogenous covariate and sample selection
[ERM]	Example 2a	Linear regression with binary endogenous covariate
[ERM]	Example 2b	Linear regression with exogenous treatment
[ERM]	Example 2c	Linear regression with endogenous treatment
[ERM]	Example 3a	Probit regression with continuous endogenous covariate
[ERM]	Example 3b	Probit regression with endogenous covariate and treatment
[ERM]	Example 4a	Probit regression with endogenous sample selection
[ERM]	Example 4b	Probit regression with endogenous treatment and sample selection
[ERM]	Example 5	Probit regression with endogenous ordinal treatment
[ERM]	Example 6a	Ordered probit regression with endogenous treatment
[ERM]	Example 6b	Ordered probit regression with endogenous treatment and sample selection
[ERM]	Example 7	Random-effects regression with continuous endogenous covariate
[ERM]	Example 8a	Random effects in one equation and endogenous covariate
[ERM]	Example 8b	Random effects, endogenous covariate, and endogenous sample selection
[ERM]	Example 9	Ordered probit regression with endogenous treatment and random effects
[ERM]	predict advanced	predict's advanced features
[ERM]	predict treatment	predict for treatment statistics
[ERM]	Triangularize	How to triangularize a system of equations
[XT]	xteintreg	Extended random-effects interval regression
[XT]	xteoprobit	Extended random-effects ordered probit regression
[XT]	xteprobit	Extended random-effects probit regression

[XT] [xtregress](#) 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 nnmatch	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 gsdesign 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 tcc	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]	sqrtlasso	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]	xpopoison	.....	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]	cfregress	.....	Control-function 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]	<code>nestreg</code>	Nested model statistics
[TS]	<code>newey</code>	Regression with Newey–West standard errors
[LASSO]	<code>poivregress</code>	Partialing-out lasso instrumental-variables regression
[LASSO]	<code>poregress</code>	Partialing-out lasso linear regression
[TS]	<code>prais</code>	Prais–Winsten and Cochrane–Orcutt regression
[R]	<code>qreg</code>	Quantile regression
[R]	<code>reg3</code>	Three-stage estimation for systems of simultaneous equations
[R]	<code>regress</code>	Linear regression
[R]	<code>rocfit</code>	Parametric ROC models
[R]	<code>rreg</code>	Robust regression
[ST]	<code>stcox</code>	Cox proportional hazards model
[ST]	<code>sterreg</code>	Competing-risks regression
[R]	<code>stepwise</code>	Stepwise estimation
[ST]	<code>stintcox</code>	Cox proportional hazards model for interval-censored survival-time data
[ST]	<code>stintreg</code>	Parametric models for interval-censored survival-time data
[ST]	<code>stmgintcox</code>	Marginal Cox PH model for interval-censored multiple-event data ⁺
[ST]	<code>streg</code>	Parametric survival models
[R]	<code>sureg</code>	Zellner’s seemingly unrelated regression
[R]	<code>tnbreg</code>	Truncated negative binomial regression
[R]	<code>vwls</code>	Variance-weighted least squares
[LASSO]	<code>xpoivregress</code>	Cross-fit partialing-out lasso instrumental-variables regression
[LASSO]	<code>xporegress</code>	Cross-fit partialing-out lasso linear regression
[XT]	<code>xtabond</code>	Arellano–Bond linear dynamic panel-data estimation
[XT]	<code>xtdidregress</code>	Fixed-effects difference-in-differences estimation
[XT]	<code>xtdpd</code>	Linear dynamic panel-data estimation
[XT]	<code>xtdpdsys</code>	Arellano–Bover/Blundell–Bond linear dynamic panel-data estimation
[XT]	<code>xteregress</code>	Extended random-effects linear regression
[XT]	<code>xtgee</code>	GEE population-averaged panel-data models
[XT]	<code>xtgls</code>	GLS linear model with heteroskedastic and correlated errors
[CAUSAL]	<code>xthdidregress</code>	Heterogeneous difference in differences for panel data
[XT]	<code>xthheckman</code>	Random-effects regression with sample selection
[XT]	<code>xthtaylor</code>	Hausman–Taylor estimator for error-components models
[XT]	<code>xtivreg</code>	Instrumental variables and two-stage least squares for panel-data models
[XT]	<code>xtpcse</code>	Linear regression with panel-corrected standard errors
[XT]	<code>xtrc</code>	Random-coefficients model
[XT]	<code>xtreg</code>	Linear models for panel data ⁺
[XT]	<code>xtregar</code>	Fixed- and random-effects linear models with an AR(1) disturbance
[XT]	<code>xtstreg</code>	Random-effects parametric survival models
[XT]	<code>xtvar</code>	Panel-data vector autoregressive models ⁺

Logistic and probit regression

[U]	Chapter 20	Estimation and postestimation commands
[U]	Chapter 27	Overview of Stata estimation commands
[R]	<code>biprobit</code>	Bivariate probit regression
[R]	<code>cfprobit</code>	Control-function probit regression ⁺
[R]	<code>clogit</code>	Conditional (fixed-effects) logistic regression
[R]	<code>cloglog</code>	Complementary log–log regression
[CM]	<code>cmclogit</code>	Conditional logit (McFadden’s) choice model

[CM]	<code>cmmlxlogit</code>	Mixed logit choice model
[CM]	<code>cmmprob</code>	Multinomial probit choice model
[CM]	<code>cmrologit</code>	Rank-ordered logit choice model
[CM]	<code>cmroprob</code>	Rank-ordered probit choice model
[CM]	<code>cmxtmixlogit</code>	Panel-data mixed logit choice model
[LASSO]	<code>dslogit</code>	Double-selection lasso logistic regression
[ERM]	<code>eoprob</code>	Extended ordered probit regression
[ERM]	<code>eprob</code>	Extended probit regression
[R]	<code>exlogistic</code>	Exact logistic regression
[R]	<code>heckprob</code>	Ordered probit model with sample selection
[R]	<code>heckprob</code>	Probit model with sample selection
[R]	<code>hetoprob</code>	Heteroskedastic ordered probit regression
[R]	<code>hetprob</code>	Heteroskedastic probit model
[IRT]	<code>irt 1pl</code>	One-parameter logistic model
[IRT]	<code>irt 2pl</code>	Two-parameter logistic model
[IRT]	<code>irt 3pl</code>	Three-parameter logistic model
[IRT]	<code>irt grm</code>	Graded response model
[IRT]	<code>irt hybrid</code>	Hybrid IRT models
[IRT]	<code>irt nrm</code>	Nominal response model
[IRT]	<code>irt pcm</code>	Partial credit model
[IRT]	<code>irt rsm</code>	Rating scale model
[R]	<code>ivfprob</code>	Fractional probit model with continuous endogenous covariates
[R]	<code>ivprob</code>	Probit model with continuous endogenous covariates
[R]	<code>logistic</code>	Logistic regression, reporting odds ratios
[R]	<code>logit</code>	Logistic regression, reporting coefficients
[ME]	<code>melogit</code>	Multilevel mixed-effects logistic regression
[ME]	<code>meologit</code>	Multilevel mixed-effects ordered logistic regression
[ME]	<code>meoprob</code>	Multilevel mixed-effects ordered probit regression
[ME]	<code>meprob</code>	Multilevel mixed-effects probit regression
[R]	<code>mlogit</code>	Multinomial (polytomous) logistic regression
[R]	<code>mprob</code>	Multinomial probit regression
[CM]	<code>nlogit</code>	Nested logit regression
[R]	<code>ologit</code>	Ordered logistic regression
[R]	<code>oprob</code>	Ordered probit regression
[LASSO]	<code>pologit</code>	Partialing-out lasso logistic regression
[R]	<code>prob</code>	Probit regression
[R]	<code>scobit</code>	Skewed logistic regression
[R]	<code>slogit</code>	Stereotype logistic regression
[LASSO]	<code>xpologit</code>	Cross-fit partialing-out lasso logistic regression
[XT]	<code>xtcloglog</code>	Random-effects and population-averaged cloglog models
[XT]	<code>xteoprob</code>	Extended random-effects ordered probit regression
[XT]	<code>xteprob</code>	Extended random-effects probit regression
[XT]	<code>xtgee</code>	GEE population-averaged panel-data models
[XT]	<code>xtlogit</code>	Fixed-effects, random-effects, and population-averaged logit models
[XT]	<code>xtmlogit</code>	Fixed-effects and random-effects multinomial logit models
[XT]	<code>xtologit</code>	Random-effects ordered logistic models
[XT]	<code>xtoprob</code>	Random-effects ordered probit models
[XT]	<code>xtprob</code>	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] [xtcointtest](#) 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] [xthheckman](#) Random-effects regression with sample selection
 [XT] [xthtaylor](#) Hausman–Taylor estimator for error-components models
 [XT] [xtintreg](#) Random-effects interval-data regression models
 [XT] [xtivreg](#) Instrumental variables and two-stage least squares for panel-data models
 [XT] [xtline](#) Panel-data line plots
 [XT] [xtlogit](#) Fixed-effects, random-effects, and population-averaged logit models
 [XT] [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] [xtprobit](#) Random-effects and population-averaged probit models

[XT]	<code>xtrc</code>	Random-coefficients model
[XT]	<code>xtreg</code>	Linear models for panel data ⁺
[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
[XT]	<code>xtvar</code>	Panel-data vector autoregressive models ⁺

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 regression
[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]	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
[XT]	xtcloglog	Random-effects and population-averaged cloglog models
[XT]	xtintreg	Random-effects interval-data regression models
[XT]	xtlogit	Fixed-effects, random-effects, and population-averaged logit models
[XT]	xtologit	Random-effects ordered logistic models
[XT]	xtoprobit	Random-effects ordered probit models
[XT]	xtprobit	Random-effects and population-averaged probit models
[XT]	xtrc	Random-coefficients model
[XT]	xtreg	Linear models for panel data ⁺
[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]	<code>meta</code>	Multilevel random-intercepts meta-regression
[ME]	<code>metobit</code>	Multilevel mixed-effects tobit regression
[ME]	<code>mixed</code>	Multilevel mixed-effects linear regression

Multiple imputation

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

Multivariate analysis of variance and related techniques

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

Nonlinear regression

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

Nonparametric statistics

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

Ordinal outcomes

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

[XT]	xtologit	Random-effects ordered logistic models
[XT]	xtoprobit	Random-effects ordered probit models
[R]	ziologit	Zero-inflated ordered logit regression
[R]	zioprobit	Zero-inflated ordered probit regression

Other statistics

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

Pharmacokinetic statistics

[U]	Section 27.21	Pharmacokinetic data
[R]	pk	Pharmacokinetic (biopharmaceutical) data
[R]	pkcollapse	Generate pharmacokinetic measurement dataset
[R]	pkcross	Analyze crossover experiments
[R]	pkequiv	Perform bioequivalence tests
[R]	pkexamine	Calculate pharmacokinetic measures
[R]	pkshape	Reshape (pharmacokinetic) Latin-square data
[R]	pksumm	Summarize pharmacokinetic data

Power, precision, and sample size

[U]	Section 27.33	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]	serrbar	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]	rocfite	Parametric ROC models
[R]	rocfite postestimation	Postestimation tools for rocfite
[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]	heckoprobit	Ordered probit model with sample selection
[R]	heckpoisson	Poisson regression with sample selection
[R]	heckprobit	Probit model with sample selection
[XT]	xteintreg	Extended random-effects interval regression
[XT]	xteoprobit	Extended random-effects ordered probit regression
[XT]	xteprobit	Extended random-effects probit regression
[XT]	xteregress	Extended random-effects linear regression
[XT]	xtheckman	Random-effects regression with sample selection

Simulation/resampling

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

Spatial autoregressive models

[U]	Section 27.19	Spatial autoregressive models
[SP]	Intro	Introduction to spatial data and SAR models
[SP]	Intro 1	A brief introduction to SAR models
[SP]	Intro 2	The W matrix
[SP]	Intro 3	Preparing data for analysis
[SP]	Intro 4	Preparing data: Data with shapefiles
[SP]	Intro 5	Preparing data: Data containing locations (no shapefiles)
[SP]	Intro 6	Preparing data: Data without shapefiles or locations
[SP]	Intro 7	Example from start to finish
[SP]	Intro 8	The Sp estimation commands
[SP]	estat moran	Moran's test of residual correlation with nearby residuals
[SP]	grmap	Graph choropleth maps
[SP]	spbalance	Make panel data strongly balanced
[SP]	spcompress	Compress Stata-format shapefile
[SP]	spdistance	Calculator for distance between places
[SP]	spgenerate	Generate variables containing spatial lags
[SP]	spivregress	Spatial autoregressive models with endogenous covariates
[SP]	spmatrix	Categorical guide to the spmatrix command
[SP]	spmatrix copy	Copy spatial weighting matrix stored in memory

[SP]	<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]	<code>contrast</code>	.....	Contrasts and linear hypothesis tests after estimation
[R]	<code>correlate</code>	.....	Correlations of variables
[R]	<code>estat</code>	.....	Postestimation statistics
[R]	<code>estat ic</code>	.....	Display information criteria
[R]	<code>estat summarize</code>	.....	Summarize estimation sample
[R]	<code>estat vce</code>	.....	Display covariance matrix estimates
[R]	<code>estimates</code>	.....	Save and manipulate estimation results
[R]	<code>estimates describe</code>	.....	Describe estimation results
[R]	<code>estimates for</code>	.....	Repeat postestimation command across models
[R]	<code>estimates notes</code>	.....	Add notes to estimation results
[R]	<code>estimates replay</code>	.....	Redisplay estimation results
[R]	<code>estimates save</code>	.....	Save and use estimation results
[R]	<code>estimates selected</code>	.....	Show selected coefficients
[R]	<code>estimates stats</code>	.....	Model-selection statistics
[R]	<code>estimates store</code>	.....	Store and restore estimation results
[R]	<code>estimates table</code>	.....	Compare estimation results
[R]	<code>estimates title</code>	.....	Set title for estimation results
[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]	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]	<code>gsem</code>	Generalized structural equation model estimation command
[SEM]	<code>gsem estimation options</code>	Options affecting estimation
[SEM]	<code>gsem family-and-link options</code>	Family-and-link options
[SEM]	<code>gsem group options</code>	Fitting models on different groups
[SEM]	<code>gsem lclass options</code>	Fitting models with latent classes
[SEM]	<code>gsem model description options</code>	Model description options
[SEM]	<code>gsem path notation extensions</code>	Command syntax for path diagrams
[SEM]	<code>gsem postestimation</code>	Postestimation tools for <code>gsem</code>
[SEM]	<code>gsem reporting options</code>	Options affecting reporting of results
[SEM]	<code>lincom</code>	Linear combinations of parameters
[SEM]	<code>lrtest</code>	Likelihood-ratio test of linear hypothesis
[SEM]	Methods and formulas for <code>gsem</code>	Methods and formulas for <code>gsem</code>
[SEM]	Methods and formulas for <code>sem</code>	Methods and formulas for <code>sem</code>
[SEM]	<code>nlcom</code>	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]	bootstrap_options	More options for bootstrap variance estimation
[SVY]	brr_options	More options for BRR variance estimation
[SVY]	Calibration	Calibration for survey data
[SVY]	Direct standardization	Direct standardization of means, proportions, and ratios
[SVY]	estat	Postestimation statistics for survey data
[TABLES]	Example 7	Table of regression results using survey data
[SVY]	jackknife_options	More options for jackknife variance estimation
[SVY]	ml for svy	Maximum pseudolikelihood estimation for survey data
[SVY]	Poststratification	Poststratification for survey data
[P]	_robust	Robust variance estimates
[SVY]	sdr_options	More options for SDR variance estimation
[SVY]	Subpopulation estimation	Subpopulation estimation for survey data
[SVY]	svy	The survey prefix command
[SVY]	svy bootstrap	Bootstrap for survey data
[SVY]	svy brr	Balanced repeated replication for survey data
[SVY]	svy estimation	Estimation commands for survey data
[SVY]	svy jackknife	Jackknife estimation for survey data
[SVY]	svy postestimation	Postestimation tools for svy
[SVY]	svy sdr	Successive difference replication for survey data
[SVY]	svy: tabulate oneway	One-way tables for survey data
[SVY]	svy: tabulate twoway	Two-way tables for survey data
[SVY]	svydescribe	Describe survey data
[SVY]	svymarkout	Mark observations for exclusion on the basis of survey characteristics
[SVY]	svyset	Declare survey design for dataset
[MI]	mi XXXset	Declare mi data to be svy, st, ts, xt, etc.
[SVY]	Variance estimation	Variance estimation for survey data

Survival analysis

[U]	Chapter 20	Estimation and postestimation commands
[U]	Section 27.15.5	Survival models with panel data
[U]	Section 27.17	Survival analysis models
[U]	Section 27.20	Causal inference
[U]	Section 27.33	Power, precision, and sample-size analysis
[ST]	PH plots (interval-censored)	PH-assumption plots for interval-censored data
[ST]	PH plots (right-censored)	PH-assumption plots for right-censored data
[ST]	Survival analysis	Introduction to survival analysis commands
[ST]	adjustfor_option ..	Adjust survivor and related functions for covariates at specific values
[BAYES]	bayes: streg	Bayesian parametric survival models
[ST]	ct	Count-time data
[ST]	ctset	Declare data to be count-time data
[ST]	cttost	Convert count-time data to survival-time data
[ST]	Discrete	Discrete-time survival analysis

[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> , <code>stintcox</code> , or <code>stmgintcox</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>sterreg</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>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>stmgintcox</code>	Marginal Cox PH model for interval-censored multiple-event data ⁺
[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>sttoce</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]	dfactor	Dynamic-factor models
[TS]	fcast compute	Compute dynamic forecasts
[TS]	fcast graph	Graph forecasts after fcast compute
[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]	irf	Create and analyze IRFs, dynamic-multiplier functions, and FEVDs
[TS]	irf add	Add results from an IRF file to the active IRF file
[TS]	irf cgraph	Combined graphs of IRFs, dynamic-multiplier functions, and FEVDs
[TS]	irf create	Obtain IRFs, dynamic-multiplier functions, and FEVDs
[TS]	irf ctable	Combined tables of IRFs, dynamic-multiplier functions, and FEVDs
[TS]	irf describe	Describe an IRF file
[TS]	irf drop	Drop IRF results from the active IRF file
[TS]	irf graph	Graphs of IRFs, dynamic-multiplier functions, and FEVDs
[TS]	irf ograph	Overlaid graphs of IRFs, dynamic-multiplier functions, and FEVDs
[TS]	irf rename	Rename an IRF result in an IRF file
[TS]	irf set	Set the active IRF file
[TS]	irf table	Tables of IRFs, dynamic-multiplier functions, and FEVDs
[TS]	ivlpirf	Instrumental-variables local-projection impulse–response functions ⁺
[TS]	lpirf	Local-projection impulse–response functions
[TS]	mgarch	Multivariate GARCH models
[TS]	mgarch ccc	Constant conditional correlation multivariate GARCH models
[TS]	mgarch dcc	Dynamic conditional correlation multivariate GARCH models
[TS]	mgarch dvech	Diagonal vech multivariate GARCH models
[TS]	mgarch vcc	Varying conditional correlation multivariate GARCH models
[TS]	rolling	Rolling-window and recursive estimation
[TS]	sspace	State-space models
[TS]	tsappend	Add observations to a time-series dataset
[TS]	tsfill	Fill in gaps in time variable
[TS]	tsline	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 eigenvalue stability condition
[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 ARMAs
[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 roots	Check the stability condition of ARIMA estimates
[TS]	estat sbcsum	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 dexponential	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]	<i>Mata Reference Manual</i>	

Other

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

Mata

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

Programming

Basics

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

Program control

[U]	Section 18.11.1	Version
[P]	capture	Capture return code
[P]	continue	Break out of loops
[P]	error	Display generic error message and exit

[P]	foreach	Loop over items
[P]	forvalues	Loop over consecutive values
[P]	if	if programming command
[P]	version	Version control
[P]	while	Looping

Parsing and program arguments

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

Console output

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

Commonly used programming commands

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

Debugging

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

Advanced programming commands

[U]	Section 12.4.2.5	Sorting strings containing Unicode characters
[RPT]	Appendix for putdocx	Appendix for putdocx entries

[RPT]	Appendix for putpdf	Appendix for putpdf entries
[P]	Automation	Automation
[P]	break	Suppress Break key
[P]	char	Characteristics
[M-2]	class	Object-oriented programming (classes)
[P]	class	Class programming
[P]	class exit	Exit class-member program and return result
[P]	classutil	Class programming utility
[M-5]	_docx*()	Generate Office Open XML (.docx) file
[RPT]	docx2pdf	Convert a Word (.docx) document to a PDF file
[RPT]	Dynamic documents intro	Introduction to dynamic documents
[RPT]	Dynamic tags	Dynamic tags for text files
[RPT]	dyndoc	Convert dynamic Markdown document to HTML or Word (.docx) document
[RPT]	dyntext	Process Stata dynamic tags in text file
[P]	estat programming	Controlling estat after community-contributed commands
[P]	_estimates	Manage estimation results
[P]	Estimation command	How to program an estimation command
[P]	file	Read and write text and binary files
[P]	findfile	Find file in path
[P]	frame post	Post results to dataset in another frame
[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 intro	Introduction to Java in Stata
[P]	Java integration	Java integration for 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 pystata 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]	sersset	Create and manipulate sersets
[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 mi extract
[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
-----	-----------------	----------------------

File formats

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

Mata

[M]	<i>Mata Reference Manual</i>	
-----	------------------------------	--

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

Stata, Stata Press, and Mata are registered trademarks of StataCorp LLC. Stata and Stata Press are registered trademarks with the World Intellectual Property Organization of the United Nations. StataNow and NetCourseNow are trademarks of StataCorp LLC. Other brand and product names are registered trademarks or trademarks of their respective companies. Copyright © 1985–2023 StataCorp LLC, College Station, TX, USA. All rights reserved.

For suggested citations, see the FAQ on [citing Stata documentation](#).

