
Combined Subject Table of Contents

This is the complete contents for this manual. References to inserts from other Stata manuals that we feel would be of interest to programmers are also included.

Data manipulation and management

Functions and expressions

[U]	Chapter 13	Functions and expressions
[D]	dates and times	Date and time (%t) values and variables
[D]	egen	Extensions to generate
[D]	functions	Functions

Utilities

Basic utilities

[U]	Chapter 4	Stata's online help and search facilities
[U]	Chapter 15	Printing and preserving output
[U]	Chapter 16	Do-files
[R]	about	Display information about your Stata
[D]	by	Repeat Stata command on subsets of the data
[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 online help
[R]	hsearch	Search help files
[R]	level	Set default confidence level
[R]	log	Echo copy of session to file or device
[D]	obs	Increase the number of observations in a dataset
[R]	#review	Review previous commands
[R]	search	Search Stata documentation
[R]	translate	Print and translate logs
[R]	view	View files and logs

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

Saved 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	Saving 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 stats	Model 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 saved results
[P]	return	Return saved results
[R]	saved results	Saved results

Internet

[U]	Chapter 28	Using the Internet to keep up to date
[R]	adoupdate	Update user-written ado-files
[D]	checksum	Calculate checksum of file
[D]	copy	Copy file from disk or URL
[P]	file	Read and write ASCII text and binary files
[R]	net	Install and manage user-written additions from the Internet
[R]	net search	Search the Internet for installable packages
[R]	netio	Control Internet connections
[R]	news	Report Stata news
[R]	sj	Stata Journal and STB installation instructions
[R]	ssc	Install and uninstall packages from SSC
[R]	update	Update Stata
[D]	use	Use Stata dataset

Data types and memory

[U]	Chapter 6	Setting the size of memory
[U]	Section 12.2.2	Numeric storage types
[U]	Section 12.4.4	String storage types
[U]	Section 13.10	Precision and problems therein
[U]	Chapter 23	Dealing with strings
[D]	compress	Compress data in memory
[D]	data types	Quick reference for data types
[R]	matsize	Set the maximum number of variables in a model
[D]	memory	Memory size considerations
[D]	missing values	Quick reference for missing values
[D]	recast	Change storage type of variable

Advanced utilities

[D]	assert	Verify truth of claim
[D]	cd	Change directory
[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
[D]	filefilter	Convert ASCII text 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_defaults	Reset system parameters to original Stata defaults
[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
[R]	which	Display location and version for an ado-file

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 rownames	Name rows and columns
[P]	matrix score	Score data from coefficient vectors
[R]	ml	Maximum likelihood estimation

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

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

Basics

[U]	Chapter 18	Programming Sta
[U]	Section 18.3	Macros
[U]	Section 18.11	Ado-files
[P]	comments	Add comments to programs
[P]	macro	Macro definition and manipulation
[P]	program	Define and manipulate programs
[P]	return	Return saved 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]	numlist	Parse numeric lists
[P]	syntax	Parse Stata syntax
[P]	tokenize	Divide strings into tokens

Console output

[P]	dialog programming	Dialog programming
[P]	display	Display strings and values of scalar expressions
[P]	tabdisp	Display tables

Commonly used programming commands

[P]	byable	Make programs byable
[P]	#delimit	Change delimiter
[P]	exit	Exit from a program or do-file
[P]	mark	Mark observations for inclusion
[P]	matrix	Introduction to matrix commands
[P]	more	Pause until key is pressed
[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

- [P] automation Automation
- [P] break Suppress Break key
- [P] char Characteristics
- [P] class Class programming
- [P] class exit Exit class member program and return result
- [P] classutil Class programming utility
- [P] estat programming Controlling estat after user-written commands
- [P] _estimates Manage estimation results
- [P] file Read and write ASCII text and binary files
- [P] findfile Find file in path
- [P] include Include commands from file
- [P] macro Macro definition and manipulation
- [P] macro lists Manipulate lists
- [R] ml Maximum likelihood estimation
- [P] plugin Load a plugin
- [P] postfile Save results in Stata dataset
- [P] _predict .. Obtain predictions, residuals, etc., after estimation programming command
- [P] program properties Properties of user-defined programs
- [P] _return Preserve saved results
- [P] _rmcoll Remove collinear variables
- [P] _robust Robust variance estimates
- [P] serset Create and manipulate sersets
- [P] unab Unabbreviate variable list
- [P] unabcmd Unabbreviate command name

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
- [P] matrix dissimilarity Compute similarity or dissimilarity measures
- [ST] st_is Survival analysis subroutines for programmers
- [SVY] svymarkout ... Mark observations for exclusion on the basis of survey characteristics
- [TS] tsrevar Time-series operator programming command

File formats

- [P] file formats .dta Description of .dta file format

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- [M] *Mata Reference Manual*

Interface features

- [P] dialog programming Dialog programming
- [R] doedit Edit do-files and other text files

[D]	edit	Edit and list data with Data Editor
[P]	sleep	Pause for a specified time
[P]	smcl	Stata Markup and Control Language
[P]	window programming	Programming menus and windows