
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

Utilities

Basic utilities

Error messages

- [P] error Display generic error message and exit
- [P] rmsg Return messages

Saved results

- [P] creturn Return c-class values
- [P] ereturn Post the estimation results
- [P] _return Preserve saved results
- [P] return Return saved results

Internet

- [P] file Read and write ASCII text and binary files

Data types and memory

Advanced utilities

- [P] _datasignature Determine whether data have changed
- [P] dialog programming Dialog programming
- [P] discard Drop automatically loaded programs
- [P] quietly Quietly and noisily perform Stata command
- [P] signestimationsample Determine whether the estimation sample has changed
- [P] smcl Stata Markup and Control Language
- [P] sysdir Query and set system directories

Matrix commands

Basics

- [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

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

[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 saved results

Program control

[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

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

Console output

[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

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]	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

Debugging

[P]	pause	Program debugging command
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- [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
- [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
- [P] varabbrev Control variable abbreviation
- [P] viewsource View source code

Special interest programming commands

- [P] matrix dissimilarity Compute similarity or dissimilarity measures

File formats

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

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Interface features

[P] dialog programming Dialog programming

[P] sleep Pause for a specified time

[P] smcl Stata Markup and Control Language

[P] viewsource View source code

[P] window programming Programming menus and windows