

Stata Data Management Workshop

Command	Description	Sample Code	Sample Description
help (command name)	Pulls up STATA's help menu	help gen	Brings up the help menu for "gen"
// comments	Comment at the end of a line	clear all // This is a comment	Uses the command clear all and then adds a comment at the end of the line
* comments	Single line comment	* More comments	Can only be used at the beginning of a line
/* comments */	Anything between /* and */ will be commented out	/* This is a comment ... And so is this */	All of the text is interpreted as a comment by STATA
duplicates	Report, tag, or drop duplicate observations	duplicates report	Reports all of the duplicates in the dataset
		duplicates drop	Drops all of the duplicates
reshape long	Reshapes dataset to have more observations and fewer variables	reshape long inc ue, i(id) j(year)	Takes all variables that start with "inc" and "ue" and removes the number from the end to create a "year" variables
reshape wide	Reshapes dataset to have more variables and fewer observations	reshape wide inc ue, i(id) j(year)	Adds the contents of the "year" variable to the end of all variables that start with "inc" and "ue"
append	Appends Stata datasets to the file in use. Adds new observations to current variables	append using newdataset.dta	Appends the observations of newdataset.dta to the current dataset.
preserve	Preserves the data, guaranteeing that data will be restored after program termination. Must be used in conjunction with restore	preserve {commands} restore	Preserves the dataset, runs the commands inside of the {}, then restores the dataset.
restore	Restores the data back to the state of the preserve command	preserve {commands} restore	Preserves the dataset, runs the commands inside of the {}, then restores the dataset.

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merge	Merges two datasets on specified key variables	merge 1:1 make using autoexpense.dta	Merges the current dataset with autoexpense.dta, aligning the observations on the variable "make"

Tips and Tricks

- **Stata files can also be opened by dragging them into Stata**
- **Stata is case sensitive**
 - All commands are lowercase
 - Variable names must match exactly
- **Use the keyboard shortcut (control d) to execute commands in the do-file**
- **It is generally unnecessary to save changes to your data set if you used a do-file**
 - The do-file should be saved, and can be re-run to replicate what you already did
 - Any saves should be made with a new file name so as not to change your original file

run to replicate