Some Common Commands

Command	Explanation	Abbreviation
help	access documentation	
list	lists the data points	
input	creates data for a new random variable	
summarize	shows summary statistics for all variables	sum
summarize x	shows summary statistics for variable x	sum x
tabulate x	gives frequencies for variable x	tab x
regress y x	explains variable y as a function of variable x	reg y x
correlate y x	shows correlation between variables y and x	corr x y
twoway	plots variable y as a function of variable x	tw
histogram x	creates histogram for variable x	hist x
graph pie, over(x)	creates a pie chart of variable x	
graph export	exports the preceding graph as a .png file	
generate	generates a new random variable	gen
log	creates a log of subsequent Stata output	
cls	clears the output window	
clear	clears everything from Stata	

Examples

`help twoway`
Opens a window explaining the `twoway` command and list its options.

`twoway (scatter cars hhsize) (lfit cars hhsize)`
Plots the number of cars as the dependent variable and household size as the independent variable as a scatterplot; and will also plot the regression.

`graph export carsdata.png`
Exports the graph as carsdata.png into the working directory.

`graph pie, over(cars) plabel(_all name) title("Car Ownership")`
Creates a pie chart for variable *cars* labeled "Car Ownership" with each slice labeled.

`gen lcars = log(cars)`
Creates a new random variable *lcars* by taking the natural log of the random variable *cars*.

`log using carsdata.txt, text replace`
Logs output to carsdata.txt (erasing the file if it exists already). End logging with `log close`.