

Command	Explanation	Abbreviation
help	access documentation	
describe	shows description of the dataset	
list	lists the data points	
input x	user inputs new variable $x$ (stop with end)	
drop x	deletes variable $x$	
summarize	shows summary statistics for all variables	sum
summarize x y	shows summary statistics for variables $x$ and $y$	sum x y
tabulate x	gives frequencies for variable $x$	tab x
twoway	plots variable $y$ as a function of variable $x$	tw
histogram x	creates histogram for variable $x$	hist x
kdensity x	creates smoothed histogram for variable $x$	
graph pie, over(x)	creates a pie chart of variable $x$	
graph bar, over(x)	creates a bar chart of variable $x$	
graph box x	creates a box graph for variable $x$	
graph export	exports most recent graphic	
generate	generates a new random variable	gen
log	creates a log of subsequent Stata output	
cls	clears the output window	
clear all	clears everything from Stata	
edit	opens the data editor window	
doedit	opens the do-file editor window	

help twoway

Opens a window explaining the twoway command and its options.

twoway (scatter y x) (lfit y x)

Plots  $y$  as the dependent variable and  $x$  as the independent variable as a scatterplot; and will also plot the line of best fit through the data.

graph export xyplot.png

Exports the preceding graph as xyplot.png into the working directory.

graph pie, over(x) plabel(\_all name) title("Pie Chart for X")

Creates a pie chart for variable  $x$  labeled "Pie Chart for X" with each slice labeled.

gen logx = log(x)

Creates a new random variable  $\log x$  by taking the natural log of the random variable  $x$ .

log using xydata.txt, text replace

Logs output to xydata.txt (replacing the file if it exists already). End logging with log close.