

## 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 all	clears everything from Stata	

## Examples

**help twoway**

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

**twoway (scatter y x) (lfit y x)**

Plots  $y$  as the dependent variable and  $x$  size 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 graph as xyplot.png into the working directory.

**graph pie, over(x) plabel(\_all name) title("X")**

Creates a pie chart for variable  $x$  labeled “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 (erasing the file if it exists already). End logging with **log close**.