Commands

Command	Explanation	Abbreviation
`set obs`	sets number of observations	
`sort x`	sorts variable x in ascending order	
`line x y`	graphs a line plot of x on y	
`tsset t`	sets t as the time variable in a time series	
`tsline x`	graphs x as a time series	
`graph bar, over(x)`	creates a bar graph for x	
`graph box x`	creates box plot for x	

Examples

Skew

```
set obs 1000                                    sets observations to 1000
generate sdnorm = rnormal(0,1)              generates $\mathcal{N}(0,1)$ observations
generate rskew = rbeta(1,6)              generates right skewed observations
generate lskew = rbeta(6,1)               generates left skewed observations
```

Kurtosis

```
generate cauchy = rt(1)                         generates Cauchy observations
tw kdensity cauchy, range(-5 5) || kdensity sdnorm, range(-5 5)
```
plots Cauchy on top of standard normal from -5 to 5

Time Series

```
line cols year                       plots time series of bee colonies over years
tsset year                                      sets $year$ as the time variable
tw tsline cols                                       plots the time series again
```

Graphs

Set 15 observations (`set obs 15`), input some random data using `input var`.

```
graph bar, over(var, sort(1) descending)          sorts bars in descending height
```