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

`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