

Commands

Command	Explanation	Abbreviation
set obs	sets number of observations	
set scheme slmono	sets greyscale printer-friendly color scheme	
sort x	sorts variable x in ascending order	
line x y	graphs a line plot of x on y	
tsset y	sets y as the time variable in 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 <i>year</i> as the time variable
tw tsline cols	plots the time series again
generate beechange = d.cols	generates yearly change in bee cols
generate beegrowth = 100 * d.cols / l.cols	generates growth rate of bee cols

Graphs

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

<code>graph bar, over(var, sort(1) descending)</code>	sorts bars in descending height
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