

Commands

Command	Explanation	Abbreviation
<code>set obs</code>	sets number of observations	
<code>sort x</code>	sorts variable x in ascending order	
<code>line x y</code>	graphs a line plot of x on y	
<code>tsset t</code>	sets t as the time variable in a time series	
<code>tsline x</code>	graphs x as a time series	
<code>graph bar, over(x)</code>	creates a bar graph for x	
<code>graph box x</code>	creates box plot for x	
<code>browse</code>	opens Stata's data browser	
<code>edit</code>	opens Stata's data editor	

Examples

Skew

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

Kurtosis

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

Time Series

<code>line cols year</code>	plots time series of bee colonies over years
<code>tsset year</code>	sets <i>year</i> as the time variable
<code>tsline cols</code>	plots the time series again

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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