

Descriptive Statistics on the TI-85

Steps:

- 1) Press [STAT] and select [EDIT].
 - 2) You are asked for *xlist Name* and *ylist Name*, by default they will be named *xStat* and *yStat* respectively. Press [ENTER] twice.
 - 3) Data are entered as coordinate pairs (x_i, y_i) where x_i are the data points and y_i are the frequencies or weights. If there are no weights or frequencies, let all y_i of the equal 1.
- Note:* If there are already data stored in this list, select [CLRxy] to erase the data.
- 4) Once all of the data have been entered press [EXIT] twice to get back to the home screen.
 - 5) Press [STAT] and select [CALC].
 - 6) You are asked to enter the manes of the *xlist* and *ylist* (the default names are already there) so press [ENTER] twice.
 - 7) Selecting [1-VAR] gives you the 1 variable statistics as described below:

\bar{x}	Mean
$\sum x$	Sum of the x's
$\sum x^2$	Sum of the squares of x's
Sx	Sample standard deviation
σx	Population standard deviation
n	sample/population size