

# **TI-nSpire 1-Variable Statistics Directions (11.3)**

*These instructions are for finding the mean, standard deviation, five number summary and skew*

1. Open a new document
2. Add Lists & Spreadsheets
3. In the [A] box, give your list a name, ENTER
4. Arrow down (do not press enter) to box 1.
5. Starting with box 1, enter your data values (1 value per box, press ENTER after each value)
6. MENU, Statistics, Stat Calculations, One-Variable Statistics
7. ENTER (this indicates that you want to analyze 1 list of data)

## **One-Variable Statistics**

Number of Lists: 1

X1 List: (change it to the list that you named in step 3)

Frequency List: 1 (leave it!)

Category List: (leave it blank)

Include Categories: (leave it blank)

1<sup>st</sup> Result Column: (this tells the calculator where to put the results)

8. OK
9. The One-Variable Statistics will appear! You might need to arrow up to see all of them.

## **Graphing Histogram**

MENU, DATA, QUICK GRAPH

MENU, PLOT TYPE, HISTOGRAM

To change the bins: MENU, PLOT PROPERTIES, BIN SETTINGS, EQUAL BIN WIDTH

## **To Clear a List**

1. Arrow up to the top of the column until the entire column is highlighted.
2. [CTRL], [DEL] (don't delete the list, just clear it!!)

## **TI-83/84 1-Variable Statistics Directions (11.3)**

*These instructions are for finding the mean, standard deviation, five number summary and skew*

1. Make sure you have a blank screen
2. STAT, EDIT, EDIT
3. Enter your data values into L1 (1 value per line, press ENTER after each value)
4. STAT, CALC, 1-Var Stats
  - List: L1 (default is L1, if you put it in a different list then change this using [2<sup>nd</sup>] 2 (for L2), or [2<sup>nd</sup>] 3 (for L3), etc)
  - FreqList: (leave it blank)
  - Calculate
5. When Calculate is highlighted, press ENTER
6. The 1-Variable Statistics will appear! You might need to arrow down to see all of them.

### Graphing Histogram

Y= then press the up arrow and enter, make sure PLOT 1 is highlighted

2<sup>nd</sup> Y= ENTER and for type pick the histogram

2<sup>nd</sup> QUIT

Press WINDOW and make sure your window goes from 0-highest # for x and by the bin width  
GRAPH

### To Clear a List

1. STAT, EDIT, ENTER
2. Arrow up to the top of the column until the name of the column (L1) is highlighted.
3. CLEAR, ENTER (don't delete the list, just clear it!!)

# **Fat TI-83/84 1-Variable Statistics Directions (11.3)**

*These instructions are for finding the mean, standard deviation, five number summary and skew*

1. Make sure you have a blank screen
2. STAT, EDIT, ENTER
3. Enter your data values into L1 (1 value per line, press ENTER after each value)
4. STAT, CALC, 1-Var Stats, ENTER
5. Now you must tell your calculator where your data is located. When 1-Var Stats appears on the home screen, type the name of the list where you put your data.  
    “1-Var Stats L1” ENTER (default is L1, if you put it in a different list then change this using [2<sup>nd</sup>] 2 (for L2), or [2<sup>nd</sup>] 3 (for L3), etc)
6. The 1-Variable Statistics will appear! You might need to arrow down to see all of them.

## **Graphing Histogram**

Y= then press the up arrow and enter, make sure PLOT 1 is highlighted

2<sup>nd</sup> Y= ENTER and for type pick the histogram

2<sup>nd</sup> QUIT

Press WINDOW and make sure your window goes from 0-highest # for x and by the bin width  
GRAPH

## **To Clear a List**

1. STAT, EDIT, 1: EDIT
2. Arrow up to the top of the column until the name of the column is highlighted.
3. CLEAR, ENTER (don't delete the list, just clear it!!)