Statistical analysis –Univatiate Part 2

This resource was written by Derek Smith with the support of CASIO New Zealand. It may be freely distributed but remains the intellectual property of the author and CASIO.

Select STAT mode from the main menu by using the arrow keys to highlight the STAT icon or pressing 2.

The statistics icon incorporates the two types: Univariate (1 variable)

Multivariate (2 variable)

There are 6 'list' spaces that you can enter data into. Lists 1 to 6 can be filled in any order. The lists can be used as frequency values also.

The distinction between the lists and what you propose to do with them is determined by the way you set up the graph types you want and the lists you are using to collate the statistics and drawing of statistical graphs.

Example:

Enter the following data into list 1 and list 2 spaces to calculate summary statistics from given data.
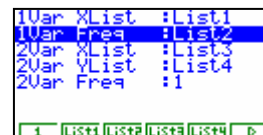
Score x	frequency f
List 1	List 2
2	2
3	3
4	3
5	5
6	4
7	2
8	1

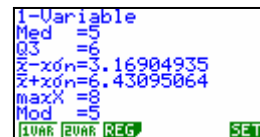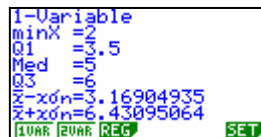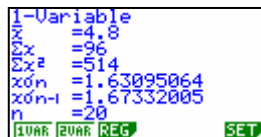Set up the lists so the List 1 is the x values, List 2 is the frequency values.

This is done by pressing F2, then F6 for SET

Press the appropriate **F** keys to alter the **1Var XList** and **1Var Freq.**

Then press EXIT and F1 for the summary statistics

Note: Lists can be copied, sorted, altered and placed into other 'list' areas.