

To find the summary statistics such as the mean, standard deviation and so on for the data below, open the Statistics application.

Enter the number of births into **list1** by typing each number and tapping EXE.

Tap Edit, Clear All.

Enter the number of deaths into **list2**.

Tap Calc, Two-Variable.

Check that the Set Calculation window is the default, shown below.

XList: list1

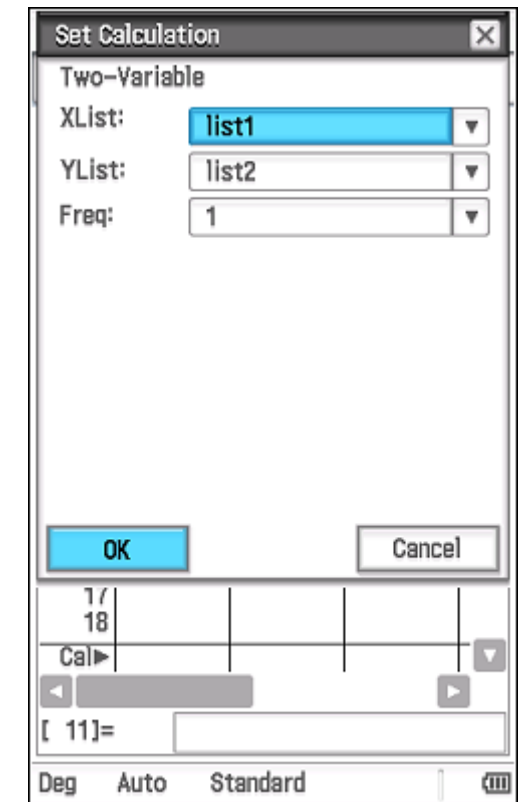
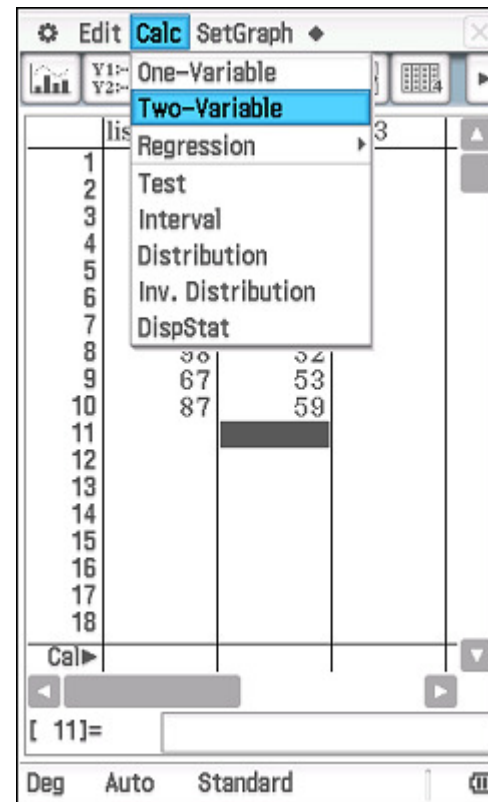
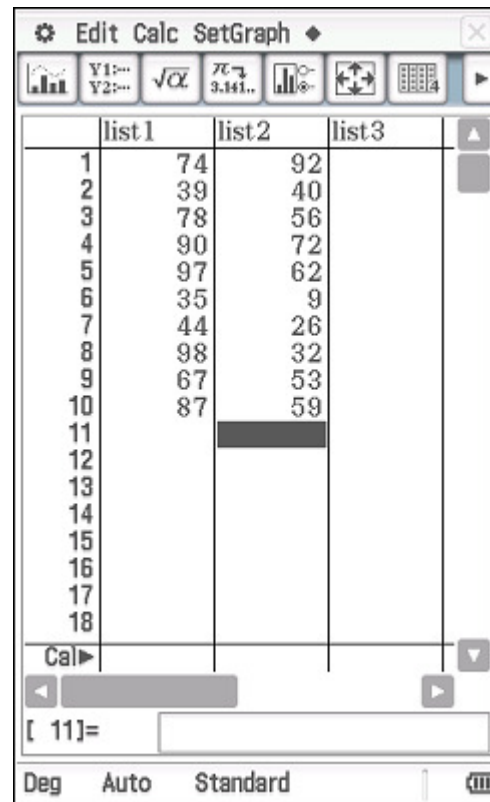
YList: list2

Freq: 1

Then tap OK.

The data below shows the number of births (list1) and deaths (list2) for ten similar sized suburbs in a city during a one year period.

74	92
39	40
78	56
90	72
97	62
35	9
44	26
98	32
67	53
87	59



The Two-Variable statistics window is displayed.

Use the scrollbar to move down the list.

The mean number of births is 70.9.

The standard deviation of the number of deaths is 22.8.

There are 10 data points.

The mean number of deaths is 50.1.

The largest number of deaths is 92.

Tap OK to finish.

Stat Calculation

Two-Variable

\bar{x}	=70.9
Σx	=709
Σx^2	=55413
σ_x	=22.682372
s_x	=23.909319
n	=10
\bar{y}	=50.1
Σy	=501
Σy^2	=30299
σ_y	=22.801096
s_y	=24.034466

OK

OK Cancel

17/18

Cal▶

[11]=

Deg Auto Standard

Stat Calculation

Two-Variable

Σy	=501
Σy^2	=30299
σ_y	=22.801096
s_y	=24.034466
Σxy	=38509
minX	=35
maxX	=98
minY	=9
maxY	=92

OK

OK Cancel

17/18

Cal▶

[11]=

Deg Auto Standard

Edit Calc SetGraph

	list1	list2	list3
1	74	92	
2	39	40	
3	78	56	
4	90	72	
5	97	62	
6	35	9	
7	44	26	
8	98	32	
9	67	53	
10	87	59	
11			
12			
13			
14			
15			
16			
17			
18			

Cal▶

[11]=

Deg Auto Standard