

Box and Whisker in Excel

Find the column you need to make a Box and Whisker Graph.

Insert it into a new tab on your spreadsheet. Remember that it is ONE VARIABLE data, so you only need one column.

	A	B	C
1	Moose Age		
2	2		
3	1		
4	4		
5	5		
6	17		
7	2		
8	3		
9	1		
10	13		
11	18		
12	23		
13	10		
14	2		
15	21		
16	4		
17	5		
18			

Find the min, quartile 1, median, quartile 3, and max for it.

	A	B	C	D	E	F
1	Moose Age				Moose	
2	2			Min	1	
3	1			Q1	2	
4	4			Median	4.5	
5	5			Q3	16	
6	17			Max	23	
7	2					
8	2					

- In E2: =MIN(A2:A17)
- In E3: =QUARTILE.EXC(A2:A17,1)
- In E4: =MEDIAN(A2:A17)
- In E5: =QUARTILE.EXC(A2:A17,3)
- In E6: =MAX(A2:A17)

Click on the Histogram Graph.

The screenshot shows the Excel interface with the 'Insert' tab selected. In the 'Charts' group, the 'Histogram' icon is highlighted with a red box. A dropdown menu is open, showing 'Histogram' and 'Box and Whisker' options, with 'Box and Whisker' also highlighted by a red box. Below the menu, the spreadsheet data is visible, with the 'Moose' column (E2:E6) highlighted by a red box.

Two Sets of Data

Another handy thing is to compare two sets of data.

In this case, create the summary statistics for both sets of data (fill right) and graph both at the same time.

