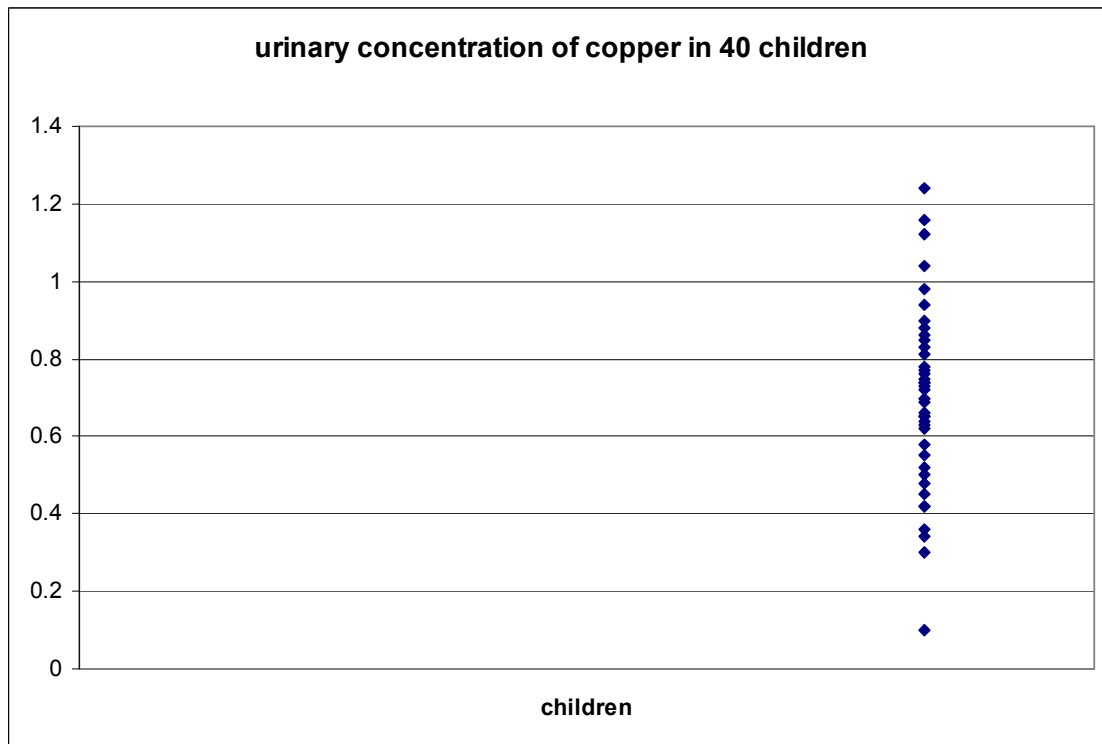


How to make a scatter plot with Excel

Scatter plots are commonly used in the display of statistical analyses. Microsoft Excel does have a built in Scatter chart type, but you need to work on it so as to obtain the typical shape of a scatter plot. This tutorial shows how to make scatter plots in all modern versions of Excel.



Let's use the simple data set data1.txt for our tutorial, the data set that has been analyzed in DataAnalysisSession1.xls. The set of values was taken from a normally distributed population. The set is composed of 20 values.

Firstly, create a column of the same size of your data set (40 in this case), containing a constant value (as the column C2:C41, in the tutorial in DataAnalysisSession1.xls). This is necessary to plot all our data on a vertical line, as shown in the previous figure.

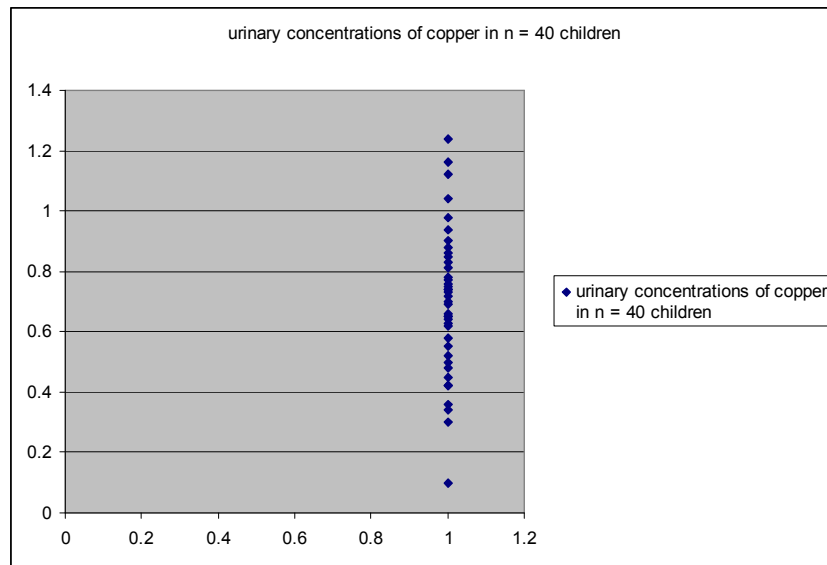
Select the rows 40 rows that include your data:

	A
1	urinary concentrations of copper in n = 40 children
2	0.7
3	0.45
4	0.72

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With this range selected, insert a standard scatter chart and click the “next” button. At step 2, select the “Series” window, and with the “X values” box selected, go to the spreadsheet page and highlight the column of constant values just created (C2:C41, in the tutorial in DataAnalysisSession1.xls). Click on finish, and your scatter plot is ready:



Now you can make it prettier, adding proper axis labels, title, hiding the legend, etc.

