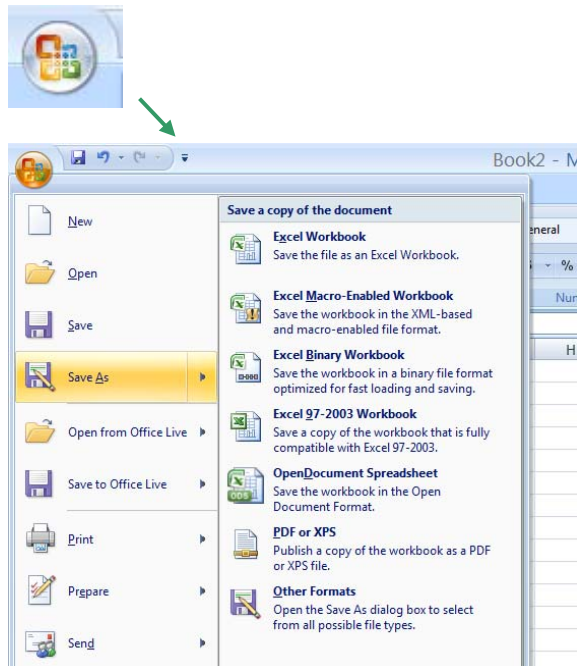


2c. How to enter data in R Studio

The easiest way to enter data in R is to work with a text file, in which the columns are separated by tabs. There are many ways in which you can get such files. Here we simply explain how to make such a file with Excel. Open Excel and enter the data of the short-term memory experiment in them (taken from p.27 of the book):

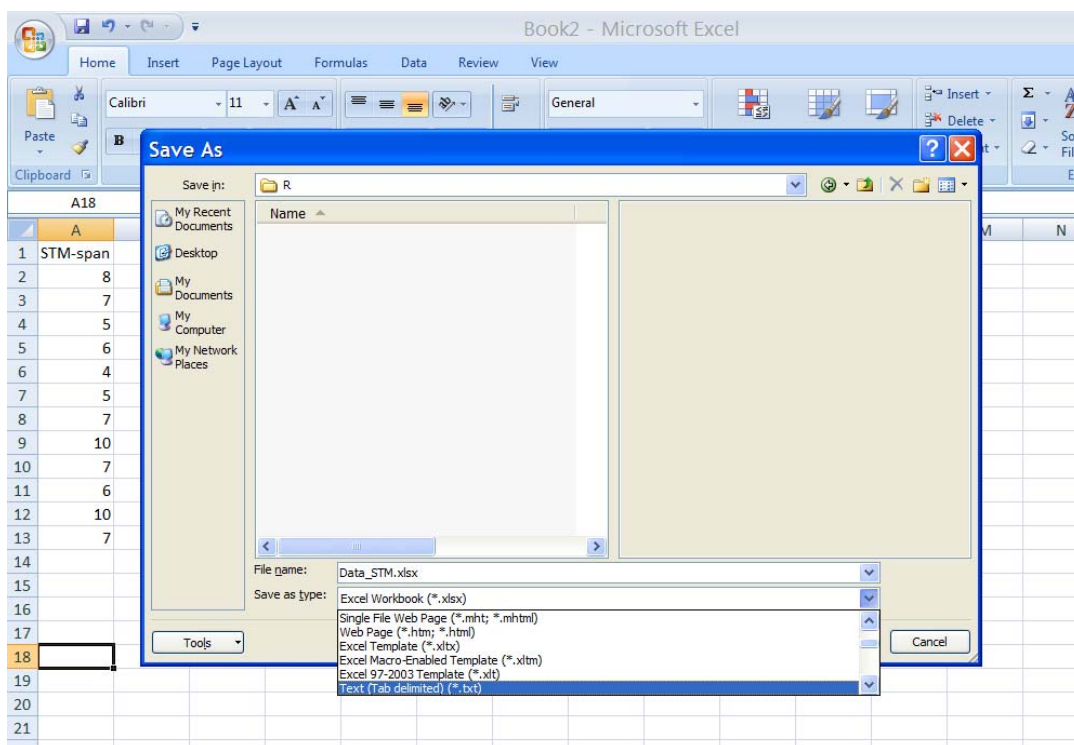
| | A | B |
|----|----------|----|
| 1 | STM-span | |
| 2 | | 8 |
| 3 | | 7 |
| 4 | | 5 |
| 5 | | 6 |
| 6 | | 4 |
| 7 | | 5 |
| 8 | | 7 |
| 9 | | 10 |
| 10 | | 7 |
| 11 | | 6 |
| 12 | | 10 |
| 13 | | 7 |
| 14 | | |

Click on the start symbol in the upper left corner and select the **Save as** option.

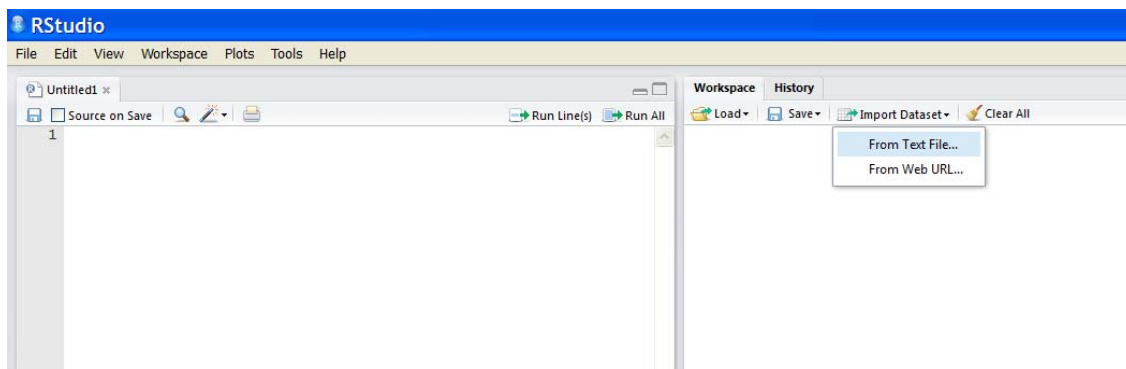


Give the file a name (e.g. Data_STM) and select the option Text(Tab delimited):

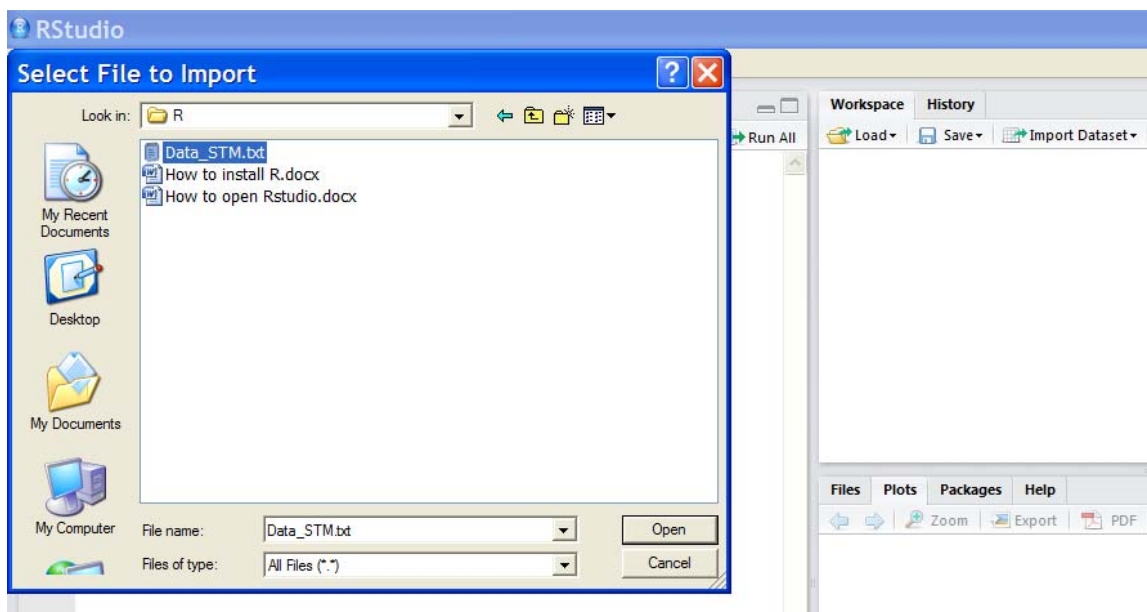
Now save the file.



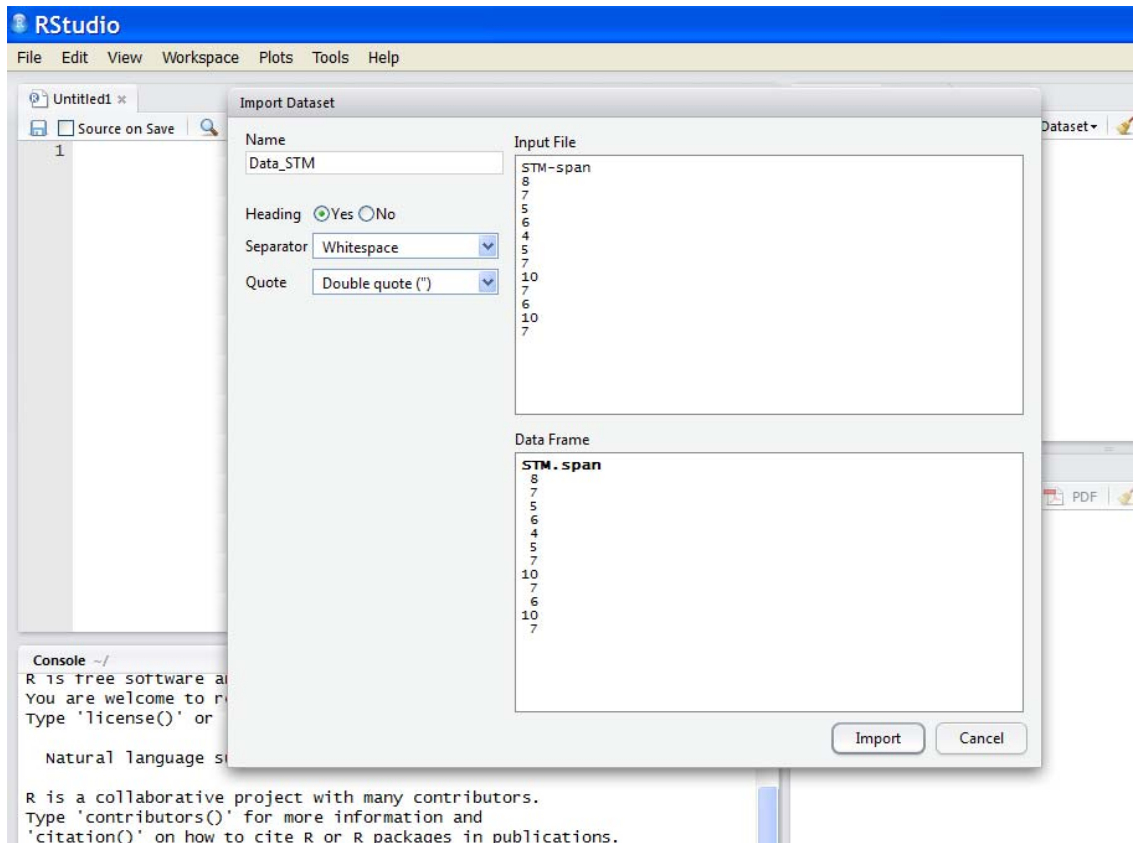
To enter the data in RStudio you can use the command **Import Dataset** from Text File:



This opens a panel that easily allows you to find your file:

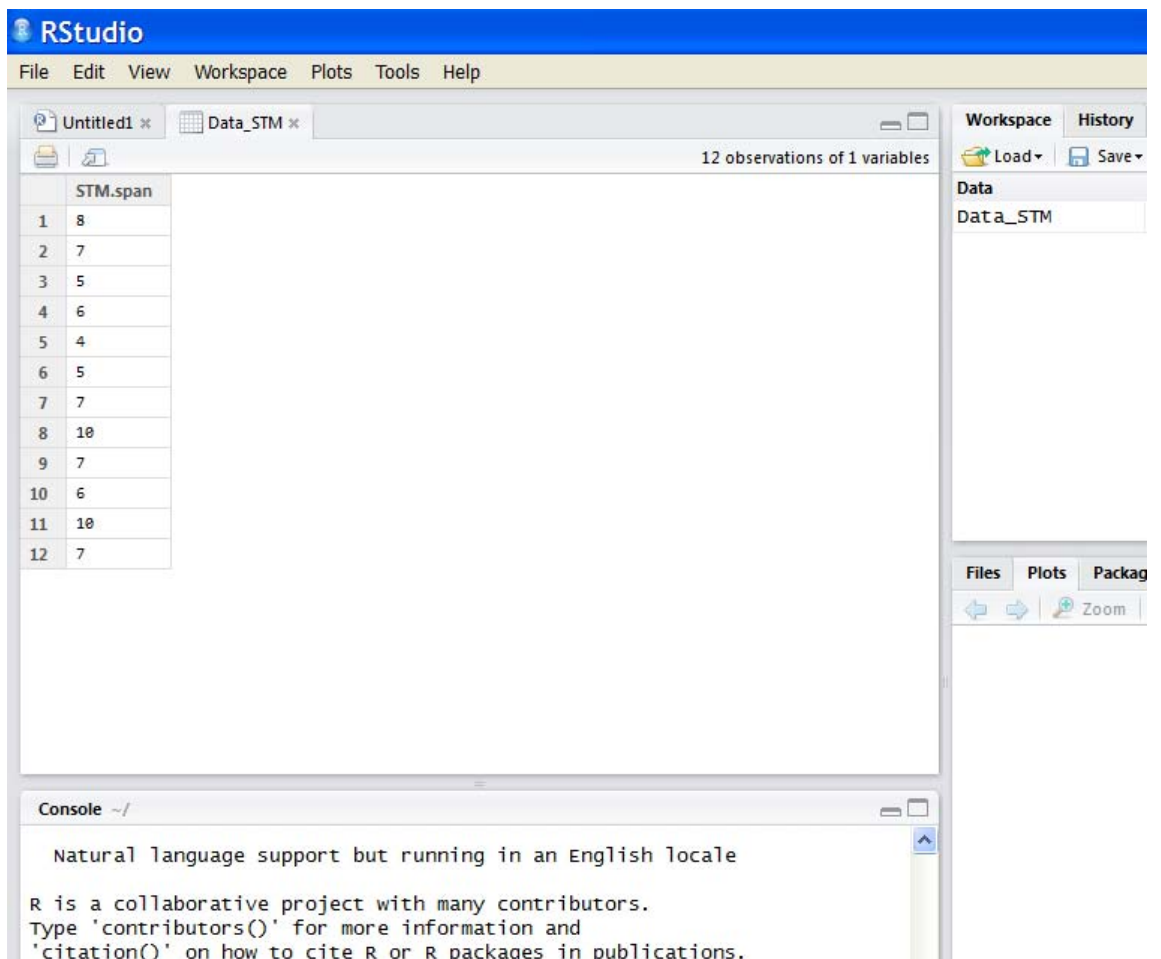


Open it:



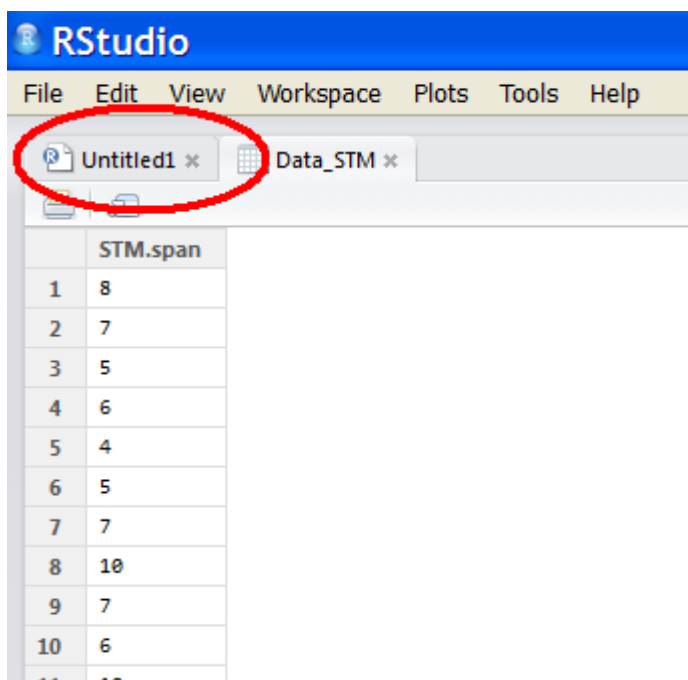
Notice that R recodes the original column name STM_span into STM.span. Names separated by a period are very common in R. Always make sure that you never use column headings with a blank space in them, as R tends to interpret these as two different headings!

Import the data, as shown in the following screenshot:

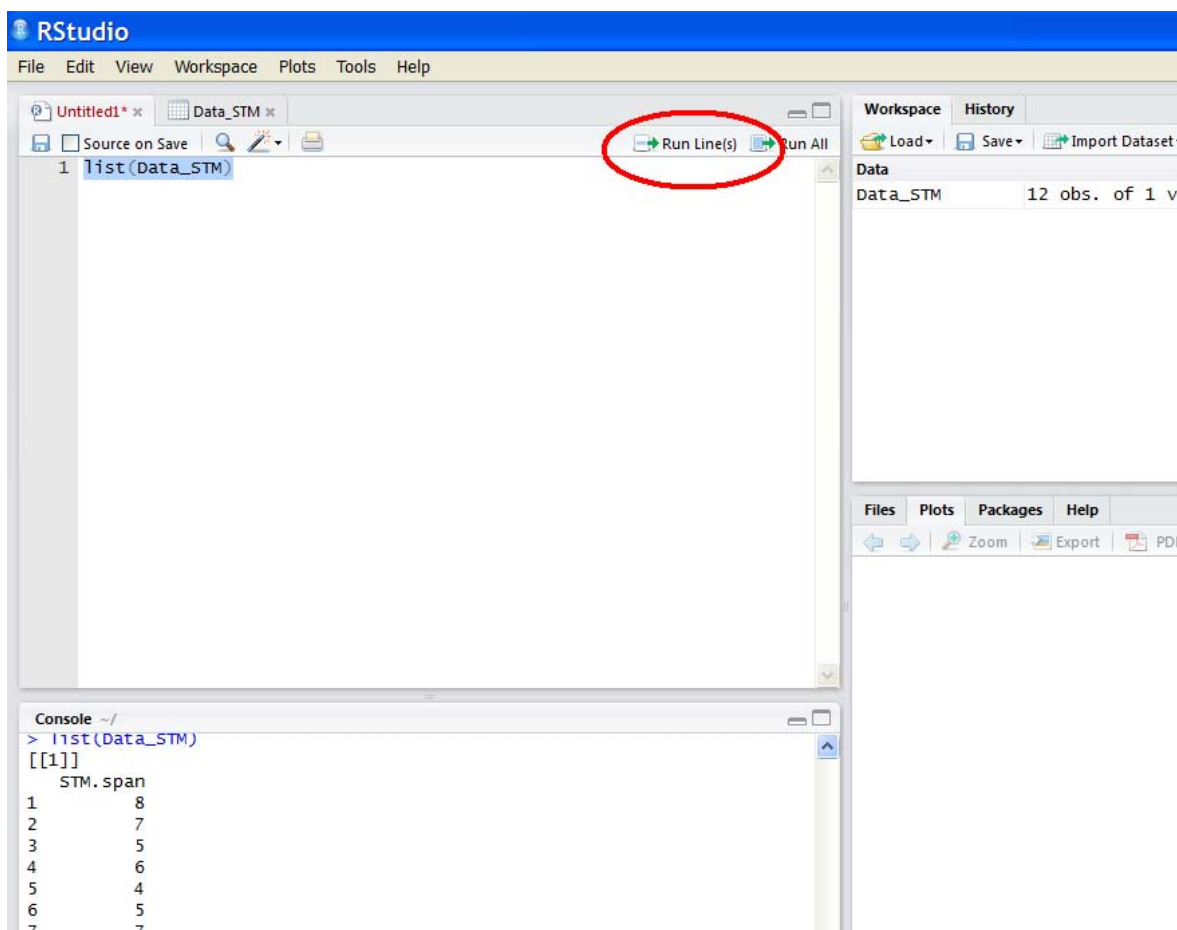


Now you have defined a dataset in R, called Data_STM, containing the variable STM.span.

To start analysing, open the workspace in the left upper panel. You find it under the heading untitled (as we did not yet give the workspace a name):



To make sure you have entered your data correctly, type the command `list(Data_STM)`, activate it (by going over it with the mouse, while you keep the left button pressed) and click on **Run Line(s)**.



If everything went fine, you will see the data listed in the lower left panel.