

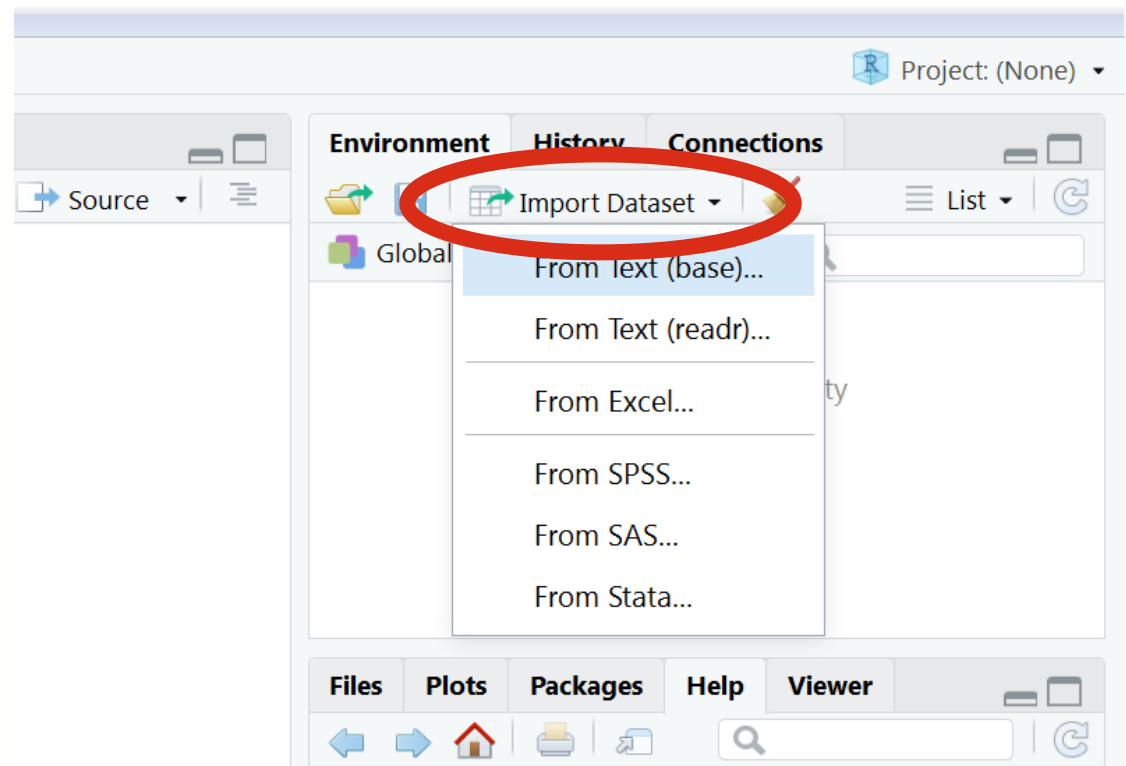
Importing Data

Import data into R

There are R packages to import all types of data. Here we cover the most common imports: csvs and Excel workbooks.

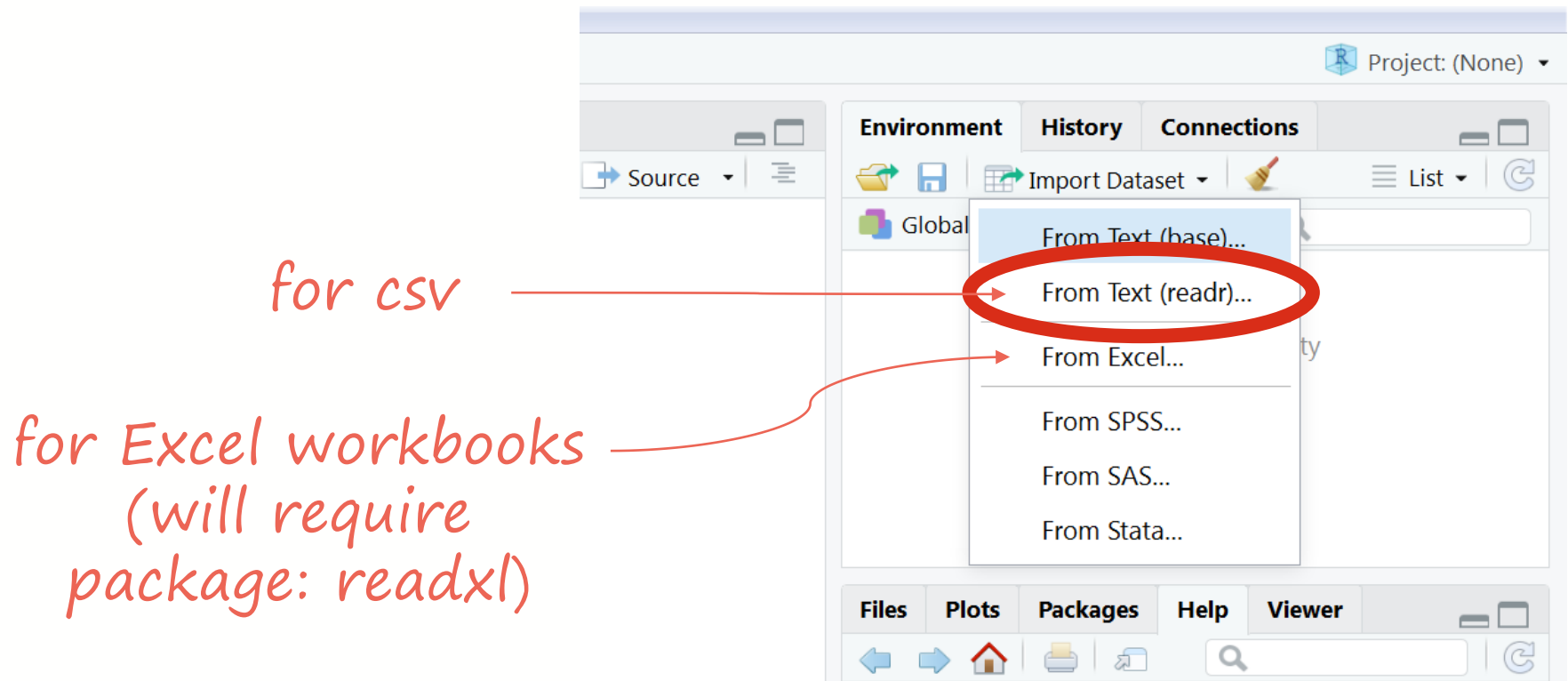
Import data into R

My default method – “Import Dataset” button:



Import csv

Let's import the `data_who_pop.csv` file:



Import csv

1. Locate the file

File/Url:
C:/2018_projects/workshoppe_nhs_r/data_who_pop.csv

Data Preview:

country (character)	1999 (integer)	2000 (integer)	2001 (integer)	2002 (integer)
Afghanistan	19987071	20595360	21347782	22202806
Brazil	172006362	174504898	176968205	179393768
China	1272915272	1280428583	1287890449	1295322020
Denmark	5319410	5338283	5354684	5368994

Import Options:

Name: data_who_pop
Skip: 0

☒ First Row as Names
☐ Spaces
☐ Open Data Viewer

Delimiter: Comma
Quotes: Default
Locale: Configure...

Escape: None
Comment: Default
NA: Default

Code Preview:

```
library(readr)  
data_who_pop <- read_csv("data_who_pop.csv")
```

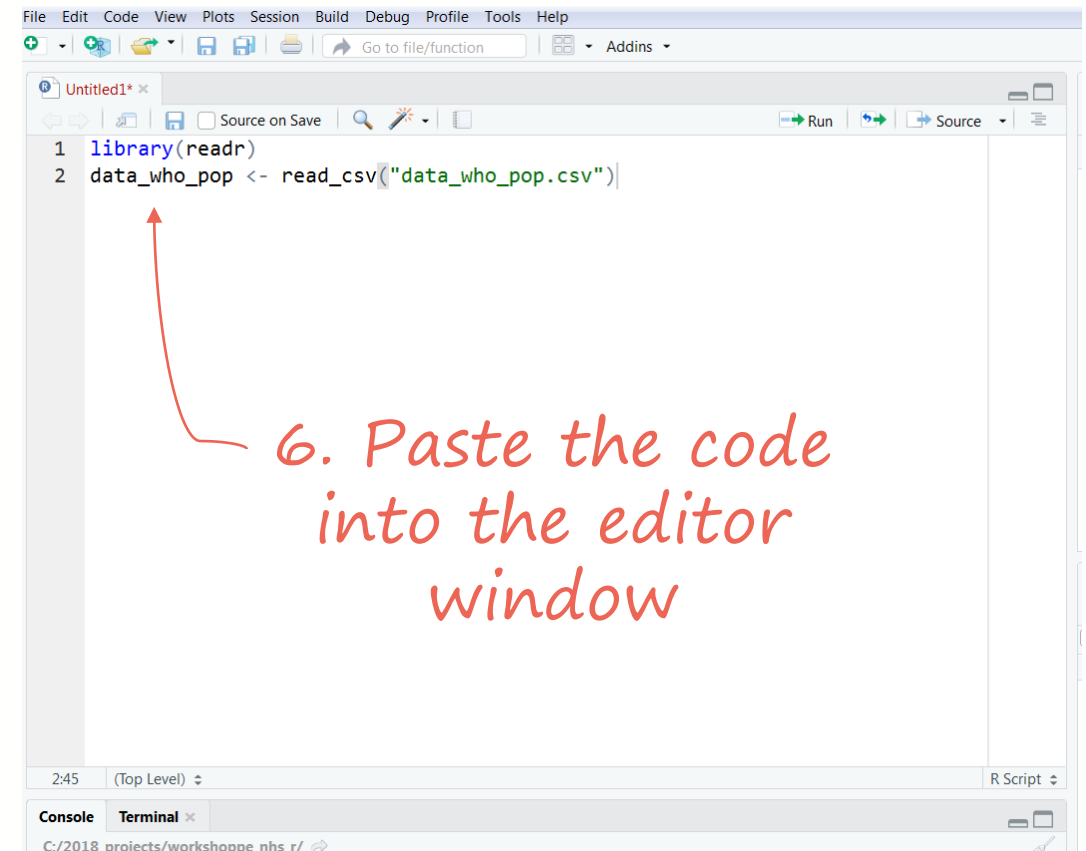
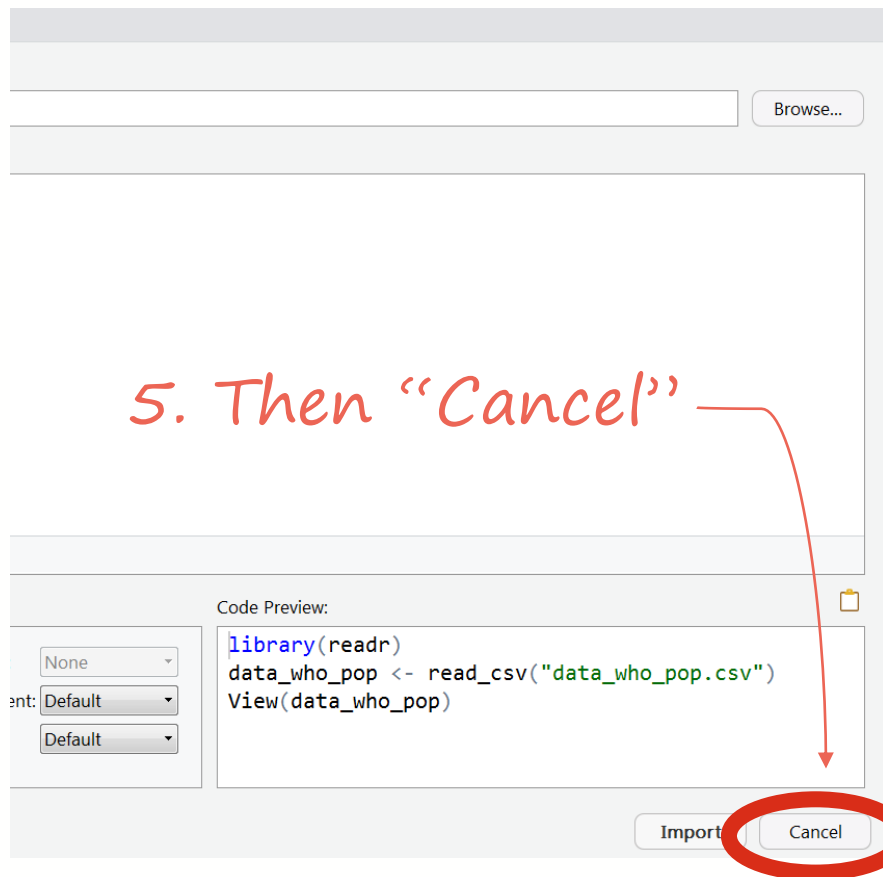
Import Cancel

2. If this looks in order...

3. un-check this box...

4. copy this code using

Import csv



7. Run the code in the editor.

Less friendly csvs

Load `data_who_cases.csv`

Import Text Data

File/Url:
C:/2018_projects/workshope_nhs_r/data_who_cases.csv Browse...

Data Preview:

Data: (character)	World Health Organisation Global Tuberculosis Report (character)	X3 (integer)	X4 (integer)	X5 (integer)
Source:	http://www.who.int/tb/country/data/download/en/	NA	NA	NA
	NA	NA	NA	NA
country	1999	2000	2001	2002
Afghanistan	745	2666	4639	6509
Brazil	37737	80488	37491	40723
China	212258	213766	212766	194972
Denmark	170	171	124	135

Previewing first 50 entries.

Import Options:

Name: ☒ First Row as Names Delimiter: Escape:

Skip: ☒ Trim Spaces Quotes: Comment:

☒ Open Data Viewer Locale: NA:

Code Preview:

```
library(readr)
data_who_cases <- read_csv("data_who_cases.csv")
View(data_who_cases)
```

Import Cancel

? Reading rectangular data using readr

Metadata is present above the data we'd like

Less friendly csvs

Import Text Data

File/Url:
C:/2018_projects/workshoppe_nhs_r/data_who_cases.csv Browse...

Data Preview:

country (character)	1999 (integer)	2000 (integer)	2001 (integer)	2002 (integer)
Afghanistan	745	2666	4639	6509
Brazil	37737	80488	37491	40723
China	212258	213766	212766	194972
Denmark	170	171	124	135

Previewing first 50 entries.

Import Options:

Name: data_who_cases

Skip: 3

☒ First Row as Names
☒ Trim Spaces
☐ Open Data Viewer

Delimiter: Comma
Quotes: Default
Locale: Configure...

Escape: None
Comment: Default
NA: Default

Code Preview:

```
library(readr)  
data_who_cases <- read_csv("data_who_cases.csv",  
  skip = 3)
```

Import Cancel

? Reading rectangular data using readr

*In this case, "Skip"
3 rows and repeat
steps 1-6 as before*

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