**Chat from R Course Part1**

I couldn't download R from Iowa state. Anywherer else to get it from?

does the version of R matter? I have a copied installed from a while ago

v 3.5.1 feather spray

Should be fine

ty

I have only 3 panels

default is 3. go to view --> Panes --> Pane Layout

This link does not work from me to download data: <ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Datasets/DVS/natality/Nat2018us.zip>

@Rocky choose View Show All Panes

i'm fine Michael. I think it's Ibrahim who needed assistance

You will not need that data set today. Please download data and r script to your folder from this link: <https://www.dropbox.com/sh/bh3inmwnf0ta09w/AABn3ms2if7DLZW8twx6b2Iwa?dl=0>

my mistake!

Please download materials from this link; Hi All! Welcome, please download data and r script to your folder from this link: <https://www.dropbox.com/sh/bh3inmwnf0ta09w/AABn3ms2if7DLZW8twx6b2Iwa?dl=0>

Shouldn't we be using OneDrive? (Sorry, CUIMC Dir of IT here...) :-)

@Mai - Is R script like “Do File” in State?

yes

K thc

thx

Np

control+enter for windows folks (shortcut to run)

Yes

I am but still see 3 windows not 4

Thanks

View -> Panes -> Layout to change how R studio looks

No

4 panes changed back to 3

Create R project: File -> New Project -> New Directory -> New Project -> Create Project

What is the difference between a project and directory

I keep getting error message about directory name

one for individual presentation (original time listed) and one for overall symposium (new time listed).

I can’t create the new file

missing subdirectiionary

Make sure you specify the subdirectory

Yes

i have alert: packages dplyr and readr required but are not installed

"packages dplyr and readr required but are not installed."

yes

No I don’t have that

Then run install.packages("dplyr")

In console

is restarting always required after running?

Is it single quotes ‘ or double quotes “

Does’t matter

Most of the time you can get away without restarting

all good!

still downloading!

It says "Error: Unable to establish connection with R session

installed!

though I had to manually restart rstudio. it didn't on its own

Seems like everything is blank might be that “git” error..

so when installing you are required to use ' but loading doesn't require ' ??

correct

I get an error saying R tools is required for download reader

My packages “menu” is blank - nothing to select

install.packages(“reader”)

Install.packages(“readr”)

Sorry auto-corrected

@Jessica you can click the button “install” and search for the package you want to install

Yeah I do that and it’s blank.

When I type it - just replicates in blue text top left but nothing else

(And click run)

On the top left corner of the packages panel there is an “install” button, do you see that?

Yup trying that and type readr and dplyr and just red error reading from connection

yes!

What does it say when you run install.packages(“dplyr”) in the console?

@Jessica Are you on VPN by any chance?

I think it has to do with the software download - was buggy from the start with error msg “the “git” command requires the command line developer tools. Would you like to download tools now?” Then I click install and doesn’t work..

Nope at CUIMC

I would restart R studio

@Natalie is your R up to date?

Yup same - error says “can’t install the software because it is not currently available from the software update server”

could not find function "read\_cvs"

Hi: I am getting this error: could not find function "read\_csv"

Yes me too

Please, back to open file

Do install.packages(“readr”)

Did you run library() functions on top?

a little lost. How to get data in

Same here

To upload data: install.packages(“readr”), library(readr)

Warning message:

package ‘readr’ was built under R version 4.0.2

Try read.csv()

Still getting the same error message

I’m on a Mac maybe that’s the reason. Tried on my laptop too - same problem (also a Mac)

I can’t do anything

I cant get this to work

Ibrahim, did you highlight library(readr) and run the code?

Seems like a command line tool problem

<https://developer.apple.com/download/more/>

are we to just import the data set?

Yes

Search 11.3.1 and download that dmg file

Would it be possible to enter a breakout room with Natalie or Jessica?

The low bwt file doesn't have the option to download.

I feel like it’s hard to help when I can’t see the screen

After you choose directory, you highlight "read.csv" from editor and press "run"?

Where is the code to read the file?

I don’t see the breakout session as an option…

Still cannot open the file

low\_birth <- read\_csv("bwt\_Low\_2018.csv")

norm\_birth <- read\_csv("bwt\_Normal\_2018.csv")[,-1]

I think so?

I see- so you highlight the code you want read, import the data set then click Run on the highlighted script

Lmao that’s ok. I thought every session has that option...

@Kasey try this one: # low birth weight

urlfile="<https://raw.githubusercontent.com/maiuchi/RCourse_Part1/master/data/bwt_Low_2018.csv>"

low\_birth <- read\_csv(url(urlfile))

# normal birth weight

urlfile="<https://raw.githubusercontent.com/maiuchi/RCourse_Part1/master/data/bwt_Normal_2018.csv>"

norm\_birth <- read\_csv(url(urlfile))[, -1]

can you please just repeat the code low\_birth ...

low\_birth <- read\_csv("bwt\_Low\_2018.csv")

norm\_birth <- read\_csv("bwt\_Normal\_2018.csv")[,-1]

Are any of the ETAs able to trouble shoot with me on a separate zoom link?

@Jessica hey I can do that with you

Thanks

Will email you a zoom link

Still error message bwt\_Low\_2018.csv' does not exist in current working directory ('C:/Users/ib2349/Desktop/For R course/Part 1/Rcourse\_part1').

urlfile="<https://raw.githubusercontent.com/maiuchi/RCourse_Part1/master/data/bwt_Low_2018.csv>"

low\_birth <- read\_csv(url(urlfile))

Run this code above instead

@aijin emailed link. Heading there now. thanks!

Still not working

Do you have readr installed?

Yes

I’ve updated to lastest R, but now getting same error as Ibrahim

How do I download and save the dataset from GitHub?

I think the error was due to your working directory.. you need to set the working directory to the location where you downloaded the data files

Nope, wd is correct

Mine also is correct

What is the exact error message?

do you need to enter the dataset name for all these functions all the time? is there a default active working dataset?

@Kasey. Go to this page and clink download <https://github.com/maiuchi/RCourse_Part1/blob/master/data/bwt_Low_2018.csv.zip>

Yes, you need to enter the dataset name (as for now)

I get this error msg when I try to the filter command: Error in filter(low\_birth, is.na(age)) : object 'age' not found

Error in file(file, "rt") : cannot open the connection

In addition: Warning message:

In file(file, "rt") :

cannot open file 'btw\_Low\_2018.csv': No such file or directory

exactly same for me

@Jay try glimpse(low\_birth)

@Mai, it says could not find the function "glimpse"

Okay, then do str(low\_birth)

Does it matter how many spaces are in between commands such as age > 25 vs age>25 etd.

@Sally it looks that the file does not exist in the wd

@Evelyn no it doesn’t matter

Thx

I tried str(low\_birth), it works and gave me an output, but i'm not sure why the other functions (eg. filter, glimpse etc) don't work

@Ibrahim, Sally — try this one once more: urlfile="<https://raw.githubusercontent.com/maiuchi/RCourse_Part1/master/data/bwt_Low_2018.csv>"

low\_birth <- read\_csv(url(urlfile))

It is in the wd and opens in Excel so doesn’t seem corrupted

To use glimpse, you need to install tidyverse package

Nope. Couldn't be because we did not restart?

It might be some glitch in R studio… Mayne restart the R studio?

How should I restart now?

Quit R studio and reopen

save changes or no?

did after R update, will try again

Save to for now

access denied

Are you on Mac?

If so, do force quit

How do we download the data from GitHub?

urlfile="<https://raw.githubusercontent.com/maiuchi/RCourse_Part1/master/data/bwt_Low_2018.csv>"

low\_birth <- read\_csv(url(urlfile))

No window and still R cannot see the specific files eventhough they are there

I found the data on the web site but I don't understand how to save it

Run these code on R

Ok

Ah second restart seemed to work.

Set your working directory once again

@Sally Yay!

Error in select(low\_birth, age) : could not find function "select"

how do I use select?

Once you download a library, does it get saved in R Studio? Or, do you have to keep downloading which each new project?

Do library(dplyr)

Got it. Thanks

Also library(tidyverse)

I gave up I will quit now are you going to post saved version of the talk?

Zero

No problems

Run doesn't work when I hughligt the lines, but is that because the datasets are a diff name?

My R cannot see the files

after you use slice and select, it won't affect the subsequent statistical analyses?

I restarted and still same problem

I wasn't able to get past reading the data for some reason

This person has issue. I will help him

Same problem as Natalie

For those who are having issues uploading data, run the code below in R

urlfile="<https://raw.githubusercontent.com/maiuchi/RCourse_Part1/master/data/bwt_Low_2018.csv>"

low\_birth <- read\_csv(url(urlfile))

Is this session recording? Would like to go back and grasp certain things a little better

As Cody said, we will troubleshoot once the session is over. And this session is recorded

Great! Thank you!

So, is <- the same as 'save as'?

@Evelyn, sort of

how do I load a newer Rcpp?

Error: package or namespace load failed for ‘dplyr’ in loadNamespace(j <- i[[1L]], c(lib.loc, .libPaths()), versionCheck = vI[[j]]):

namespace ‘Rcpp’ 1.0.0 is already loaded, but >= 1.0.1 is required

i just installed.packages('Rcpp') and it succeeded, and then tried library(Rcpp) but that didn't fix it

How do you know which libraries you have installed

I see "<-" being used a lot with name of datset, but it's not clear it is saving as a new name, or referring to the dataset named right before "<-"

same question as above, can we say we use <- for dataset, = for variable, and == for values ?

Can we save the chat so I can look back the errors I made and other’s solutions

Mine seems to be working better now, but would only work in latest (4.03, not 4.01) R and had to restart both R and RStudio between every install

@Yian on the Packages window on the interface, if a package has a check mark, it is installed

== is for exactly the same value

So x = 1 and x <- 1 are the same

But x == 1, means find x that has the value of 1

Thanks a lot Mai!

Hi Mai, sorry to bother.. any suggestions on how to resolve this? Error: package or namespace load failed for ‘dplyr’ in loadNamespace(j <- i[[1L]], c(lib.loc, .libPaths()), versionCheck = vI[[j]]):

namespace ‘Rcpp’ 1.0.0 is already loaded, but >= 1.0.1 is required

@Nacy I will save the chat

Did you install dyplr?

thanks

btw- install.packages("tidyverse")

> select(low\_birth, age)

# A tibble: 296,775 x 1

age

<dbl>

1 37

2 21

3 30

4 30

5 32

6 31

7 27

8 28

9 24

10 34

# ... with 296,765 more rows

Warning message:

`...` is not empty.

We detected these problematic arguments:

\* `needs\_dots`

These dots only exist to allow future extensions and should be empty.

Did you misspecify an argument?

Please remind us when the next 2 classes are, day and time?

next 2 Fridays evelyn. same time 12-130pm

Thx

Thanks everyone - where will the video recording be posted? Need to catch up!

the next two sessions are on Friday (11/13 and 11/20), same hour, same Zoom link

the Zoom link will be put of the DropBox folder that was shared for this session; materials for part 2 will be sent next week

\*Zoom recording for part 1

Thank you so much. Very helpful.

I am behind can we meet one-on-one?

Thanks a lot! This is very helpful!

Great. Thank you!

Thank you both!

Thank you

You could name it “variable\_name” or “VariableName”, but try avoiding using “variable.name”

Anyone who need help and want to meet one on one, please email me [mu2211@cumc.columbia.edu](mailto:mu2211@cumc.columbia.edu)

Thank you!

thanks

thanks!

thanks