How to get procPharm to work on MacOS

Get remote access to the Teichert drive

See document in the team folder called (Z drive Mounting Information).

Install R locally on your machine. (The latest version R 3.6.1).

Once everything is installed open up R and type.



This will likely return errors and is only to make sure that your computer is doing what we expect.

To resolve these issues download XQuartz-2.7.11.dmg from [this website](https://xquartz.macosforge.org/landing/) and run the install.

We now need to logout and log back in to the computer.

Then we need to download GTK+ from [this link](http://r.research.att.com/libs/GTK_2.24.17-X11.pkg) and run the install.

Restart R and then in the upper bar select Packages & Data -> Package Installer

Type into the search bar cairoDevice and then click “Get List.”  
  
Install the cairoDevice package clicking the dependencies box

R should prompt you to select a CRAN location. I used USA (OR) just because it is close to Utah

It should install a binary file somewhere deep in your computer.

Now search for Rgtk2 and again install it

Restart R and then type again



It should respond with



To begin to pharm you need to enter two lines of code to access the required functions. Note that if it doesn’t work make sure you are linked with the Teichert-group2 Y drive

#FIRST LINEs OF CODE TO LOAD IN THE SOFTWARE

source("/Volumes/teichert-group2/Box Sync/procpharm/procPharm MAC edits.r")

source("/Volumes/teichert-group2/Box Sync/procpharm/170103.doodles.lee.R")

#load in your RD file

load("/Volumes/teichert-group2/PaulB/191112.57.m.m1.p1\_NP5x2/RD.191112.57.m.m1.p1\_NP5x2.Rdata")

A couple of notes

Please don’t go fullscreen (ie the green button) it causes the RDViewer and other functions to break and as of right now YOU’LL HAVE TO START FROM YOUR LAST SAVE



It runs a little slower than on the computers at the lab, but be patient (especially with ROIviewer)

If you find any bugs or errors send Paul or Lee a message and we’ll try to resolve it.