To Install EuroForMix on mac – version 4 -

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1. Start a terminal window. Make sure that R is installed (in my case, R 3.4.1):
    1. r --version

2. Otherwise follow this procedure to install the latest version of R with homebrew. (https://apple.stackexchange.com/questions/121401/how-do-i-install-r-on-os-x-using-homebrew):
    1. ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install)"
    2. brew tap homebrew/science
    3. brew install r

3. Install the requested packages (need to choose a CRAN mirror). Start R in terminal:
    1. r
    2. **install.packages("BH")**
    3. Other required packages:
       install.packages(c('gWidgets2tcltk','forensim','cubature','XML','RCurl','plotly'))
    4. q()
    5. n

       This will close R without saving the session.

4. You may need to install Xcode (apple developer tools). Find out which version matches your OS and download it here.

5. Install C++ compiler (if not already installed):
    1. brew install gcc
    2. brew link gcc

6. Redirect the compiler by updating the Makevars in the home directory (~):
   Create/open following file: **~/.R/Makevars**

Be sure that it contains the following lines:

CC=gcc-11
CXX=g++-11
CXX11=g++-11

7. Download folder (latest version) with euroformix from
   https://github.com/oyvble/euroformix

We follow an example with euroformix_3.3.1 here.

8. Unzip the file euroformix_3.3.1.tar.gz. Take note of that the unzipped_folder is named (euroformix_3.3.1)

9. Under the terminal, move to the folder where stands the package to build (euroformix_3.3.1 / for me on my desktop):
    1. cd ~/Desktop/

10. Create the package (gives a file with tar.gz extension):
    1. R CMD build euroformix_3.3.1

11. Install the package:
    1. R CMD INSTALL –build euroformix_3.3.1.tar.gz

12. Open R and start euroformix:
    1. library("euroformix")
    2. efm()