Session Scripts For "First Steps With Integrating R & RStudio Into Actuarial Workflow"

I am assuming you are reading this because you want to attend the C-15 Concurrent Session on "First Steps With Integrating R & RStudio Into Actuarial Workflow" at the 2017 CAS Annual Meeting. Please go through the following check-list of required pre-session activities:

A. Make sure you have installed the required open source software components. You will need R, RStudio, a number of R packages, and LaTeX. This will require a fast internet connection, and you should plan for this to take an hour. Please follow the steps listed in "C15 Installation Instructions.pdf". If you have already installed these components, please use the test script included with the instructions to see whether you have all of the components.

B. Use the paper clip icon on the left to open the attachment "AnnualMeetingC15_Scripts.zip". Note that this will likely prompt some sort of warning about the dangers of opening attachments downloaded from the internet. Please contact me at the email address given at the end of this document if your security settings do not allow you to access the attached zip archive.

C. Unzip all files, making sure that they end up in the folder C:\AnnualMeetingC15
Just to be certain, there should be five files: Simulation Model.R, Report Exhibits.rmd, Property Mixed Exponential.csv, GL Mixed Exponential.csv, and Recall Mixed Exponential.csv.

D. Sorry to belabor this, but make sure that the files end up in the folder C:\AnnualMeetingC15
Double check the path! The way WinZip works, it is very easy for the files to end up in C:\ AnnualMeetingC15_Scripts\AnnualMeetingC15; i.e. in an extra subdirectory. If that happens, just move the files one level up and rename the top-level directory as needed.

On the day of the session, bring your laptop computer with the installed software and session scripts.

If you want to "play" with the "Simulation Model.R" file ahead of the session, have fun! You can follow the same instructions as for the "Test.R" file from the installation instructions to execute all of the code. The more questions you have, the more productive our session will be. Having said that, keep in mind that the goal of this session is not to teach you all the programming techniques that go into this simulation template. I am simply giving you an example of an R script that does something that might be useful for our day to day work. In the session we will explore how you might interact with such a script, ESPECIALLY if you are not the programmer.

Let me know if you run into any issues, or have any questions. Here is my contact information:

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