**INSTITUTE AND FACULTY OF ACTUARIES**

**PRE-WORK MATERIAL**

April 2021

**Subject CS1B ‑ Actuarial Statistics**

**INSTRUCTIONS TO CANDIDATES**

You are provided with this advance information to enable you to read, understand and action, in your own time, and not under examination conditions.

This instruction sheet provides you with two data files for you to use in the examination:

BinaryTrain.RData

CS1passenger.RData

These data files need to be loaded into R by first saving them onto the computer you are going to be using in the examination. Once you have completed this then you need to load the data into R ready for use during the examination.

Further guidance on how to do this can be found in “CS1 and CS2 examination guide” on the [website](https://www.actuaries.org.uk/studying/curriculum-2019/actuarial-statistics)

To test that you have successfully loaded the required R Packages, run the following codes in order within R:

Code:

x = c(1:10)  
mean(x)           checks base package   
sd(x)               checks stats package  
plot(x)          checks graphics package  
combn(x,10)   checks utils package

If these are completed with no error the four packages are successfully installed. Further guidance on the packages needed can be found in [CS1 and CS2 examination guide](https://www.actuaries.org.uk/system/files/field/document/CS1%20and%20CS2%20Guide%20Jul%2020%20sh%20update.pdf) on the website.

If you encounter any issues, please contact the Assessment Team on +44 (0) 1865 268873

**END OF PRE-WORK MATERIAL**

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