

STAT 406: HW6

- All computer code should be written using the language R. Type ALL your code into one PLAIN Text format file. Plain text format is available by default in R. Please do not use Microsoft Word .doc format or .rtf format or .pdf format. Inside your plain text file, make sure you identify each problem in a comment placed at the beginning of the problem. The file name should match your name as in 'JohnDoe.R'.
 - Submit your R code file online (under Assignments) at or before the due date, and hand in a hard copy of the code as well as a printed copy of your answers to the questions. The hard copy is due at the beginning of your respective lab sessions.
 - I recommend that before submitting your homework, you also create a new directory and run your R code, to make sure that it is self-contained and runs as you intended.
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1. Load the file `clintonaddresses.RData`. It contains state of the union addresses by the US president Bill Clinton from 1993 to 2000 in a vector called `clintonaddresses` with 8 components. The i -th component of the vector is the i -th Clinton's state of the union address. Write a regular expression code to find how many times the word "terrorist", or "terrorism" appeared in each of the 8 addresses.