

Assignment Format

1. Please save your assignment as either a text file (with *.txt extension) or an R file (with *.R extension). Other file types, such as *.doc, *.docx, will be not accepted.
2. Please write your name and assignment number in your assignment.
3. Please submit your R code only; do not include the output in the assignment.
4. Label each problem clearly.
5. Suppose that we have the following three problems. The answers to these problems are written as “ArthurLi_assign1.R” and “ArthurLi_assign1.txt”. Please follow the format in either of these file types when you submit your assignment.

Problem 1: Calculate the mean of the following vector:

```
Q6 = c(1, 3, NA, 7)
```

Problem 2: Count the number of elements in g greater than the average of g

```
g = c(seq(1,6, by=0.5), 10)
```

Problem 3: Create a factor by converting the following character vector.

```
q13 = c(rep("male", 3), rep("female",2))
```

6. Please see “assignment_incorrectFormat.txt” for an incorrect assignment format.