

Quantitative Research Methods

Lab Assignment 1

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Please upload your R-script on blackboard. The R homework is due on Monday evening. All the computations should be done by R and not by hand.

1. Create a vector v in R consisting of all odd number up to 101, that is, $v = (1, 3, \dots, 101)$.
2. Use v to make a new vector w that contains all values of v between 4 and 46. How many entries does w have?
3. Create a new vector u which contains the squares of the elements in w .
4. Download the file "crime.csv" (from blackboard) and read it into R.
5. What is the average number of murders?
6. Find the lowest and highest life expectancy in the dataset.