

SPEC REU R Resources: Intro to R-Group Work

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1 Getting Started

The purpose of these exercises is to get you more comfortable working with vectors, particularly subsetting vectors and accessing elements of data in vectors. This time, we're going to work with larger vectors - ones where we can't just eyeball the answers.

Run the code below, which will save a vector of Swiss Market Index closing stock prices from 1991 to 1998 to the object `stocks`.

```
stocks <- as.numeric(EuStockMarkets[,2])
```

2 Exercises

Exercise 1 Get the 90th element of the vector `stocks`. Save it to an object named `nintey`.

Exercise 2 Get the last element of the vector `stocks`. Save it to an object named `last`.

Exercise 3 Make a copy of the vector `stocks`, and name it `copy`. Then delete the first five elements of `copy`.

Exercise 4 Get all the entries from `stocks` that are above the mean value of `stocks`. Save this new vector as `above`. Then, get all the entries from `stocks` that are below the mean. Save this new vector as `below`.

Exercise 5 On how many days were the closing prices greater than 6,000? (How many elements of the vector `stocks` are larger than 6000?)