CUSUM Run Times

I tested two CUSUM functions on the time series in cusum_test_data.csv.

The first CUSUM function I tested, was the function from the R library "qcc". This is the one that I used in the implementation of the CUSUM Anomaly Detection (CAD) method. Here are some of the runtime values:

```
user   system  elapsed
0.039   0.000    0.039

user   system  elapsed
0.036   0.000    0.036

user   system  elapsed
0.041   0.000    0.041

user   system  elapsed
0.04    0.00     0.04
```

The second CUSUM function I tested was my implementation of the CUSUM function — the one I wrote when I tried to come up with the pseudocode for CUSUM.   Here are some of its runtime values:

```
user   system  elapsed
0.027   0.002    0.030

user   system  elapsed
0.027   0.001    0.029

user   system  elapsed
0.024   0.000    0.025

user   system  elapsed
0.028   0.000    0.029
```