QCC

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6/15/2017

Quality Control

```
library(SixSigma)
library(qcc)
```

```
## Package 'qcc', version 2.6
```

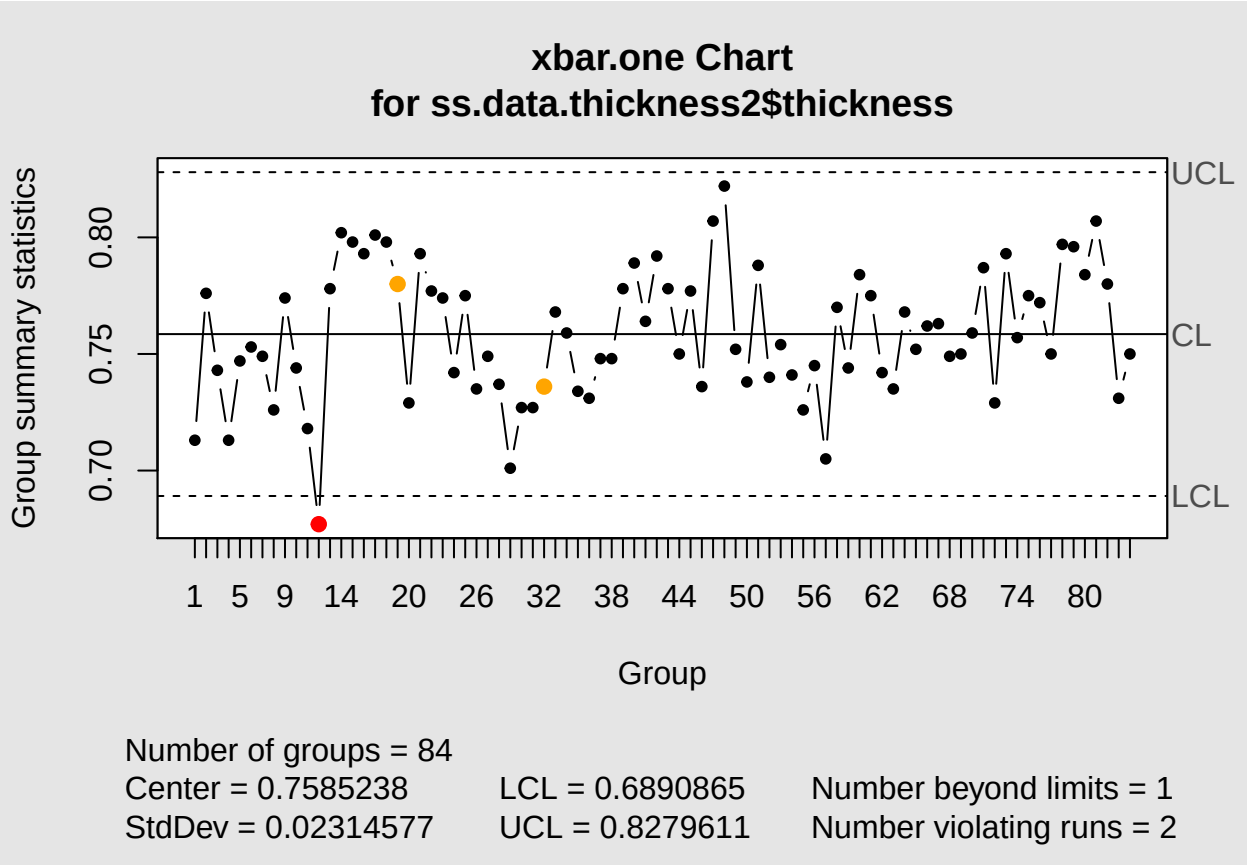
```
## Type 'citation("qcc")' for citing this R package in publications.
```

```
head(ss.data.thickness2)
```

```
##   day shift thickness ushift flaws
## 1   1     1     0.713    1.1     9
## 2   1     1     0.776    1.1    NA
## 3   1     1     0.743    1.1    NA
## 4   1     1     0.713    1.1    NA
## 5   1     1     0.747    1.1    NA
## 6   1     1     0.753    1.1    NA
```

Create quality control chart

```
myContrlChart <- qcc(data=ss.data.thickness2$thickness, type="xbar.one")
```




```
summary(myContrlChart)
```

```
##
## Call:
## qcc(data = ss.data.thickness2$thickness, type = "xbar.one")
##
## xbar.one chart for ss.data.thickness2$thickness
##
## Summary of group statistics:
##    Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##  0.6770  0.7395  0.7535  0.7585  0.7780  0.8220
##
## Group sample size:  1
## Number of groups:  84
## Center of group statistics:  0.7585238
## Standard deviation:  0.02314577
##
## Control limits:
##        LCL       UCL
##  0.6890865 0.8279611
```