**xbar.one Chart
for regData$Col.125**

Group summary statistics
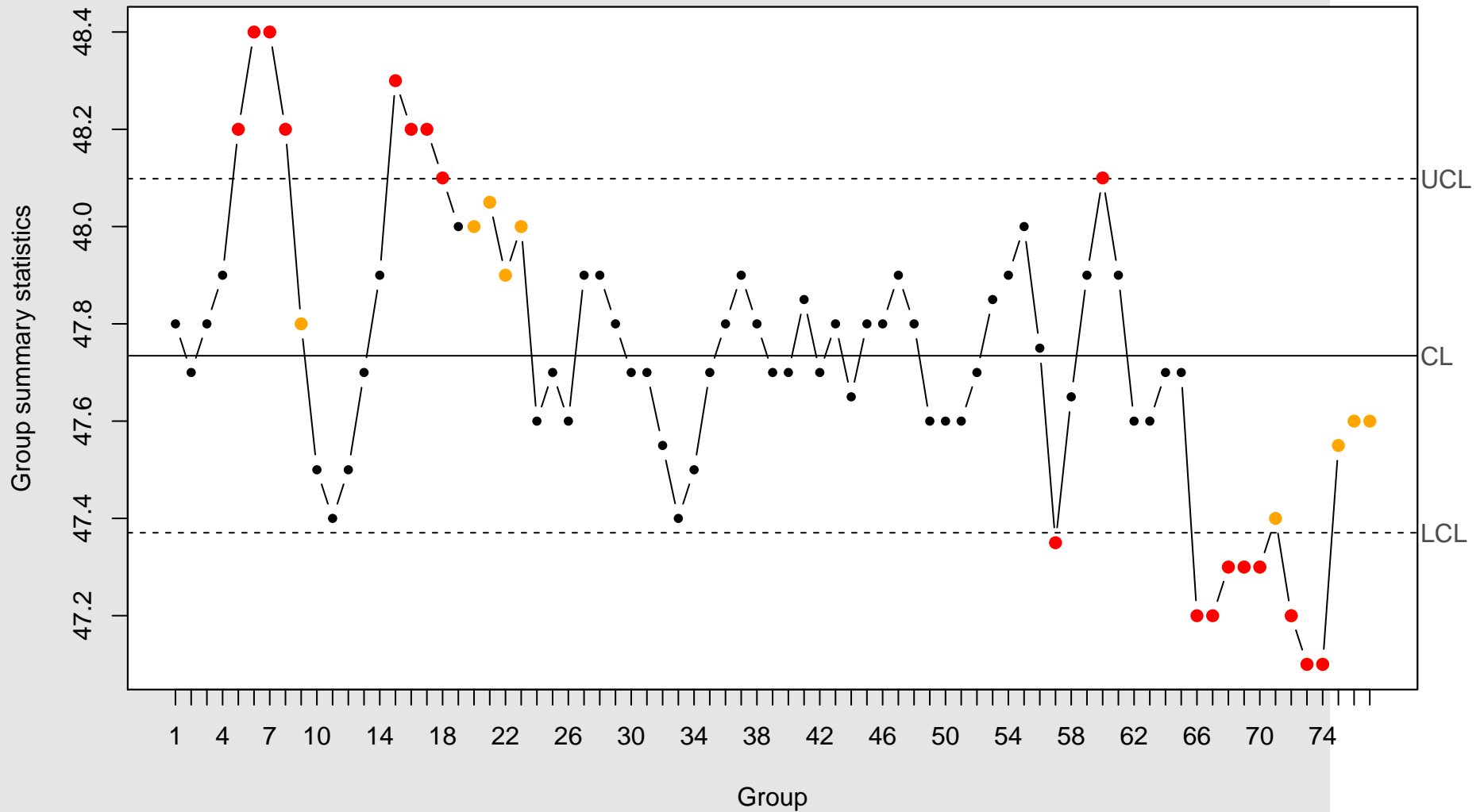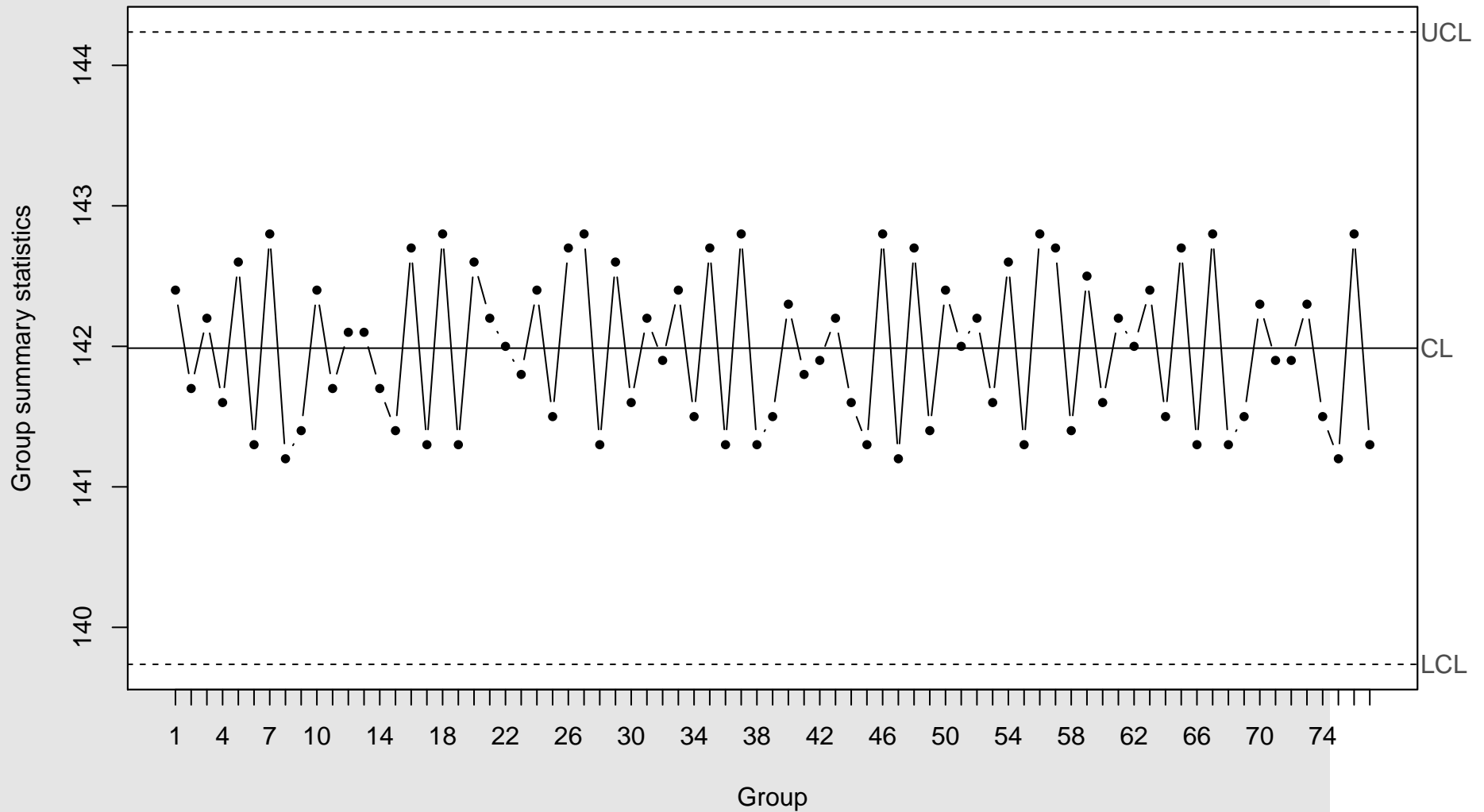
Group

Number of groups = 77
Center = 47.73442
StdDev = 0.1213139

LCL = 47.37047
UCL = 48.09836

Number beyond limits = 18
Number violating runs = 15

**xbar.one Chart
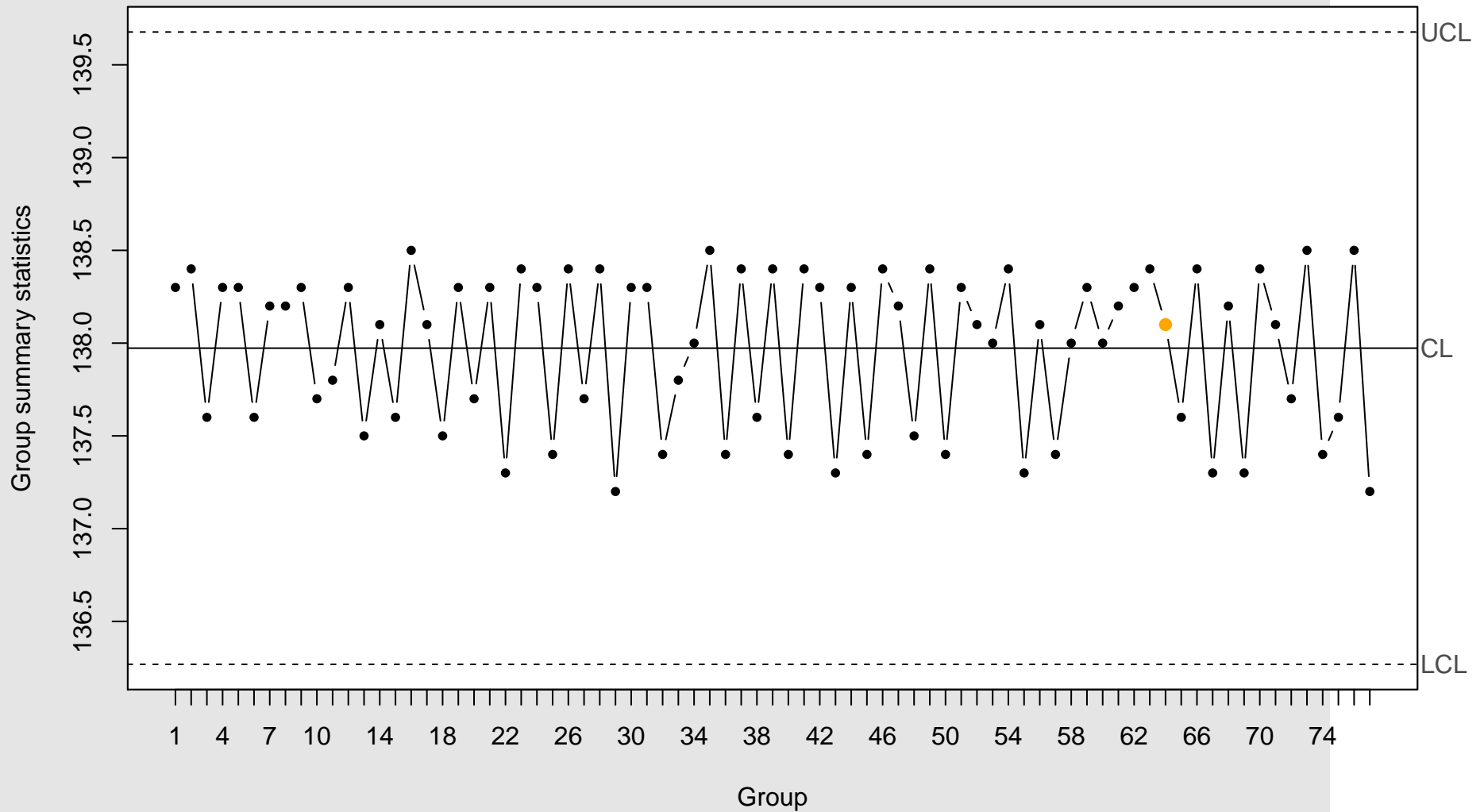for regData$MDL05**

Group summary statistics

Group

Number of groups = 77
Center = 141.987   LCL = 139.7369   Number beyond limits = 0
StdDev = 0.7500467   UCL = 144.2372   Number violating runs = 0

xbar.one Chart
for regData$MDM01

Number of groups = 77
Center = 137.9727   LCL = 136.2685   Number beyond limits = 0
StdDev = 0.5680758   UCL = 139.677   Number violating runs = 1

**xbar.one Chart
for regData$MDM02**

Group summary statistics

Group

Number of groups = 77
Center = 138.0247   LCL = 135.6381   Number beyond limits = 0
StdDev = 0.7955394   UCL = 140.4113   Number violating runs = 0
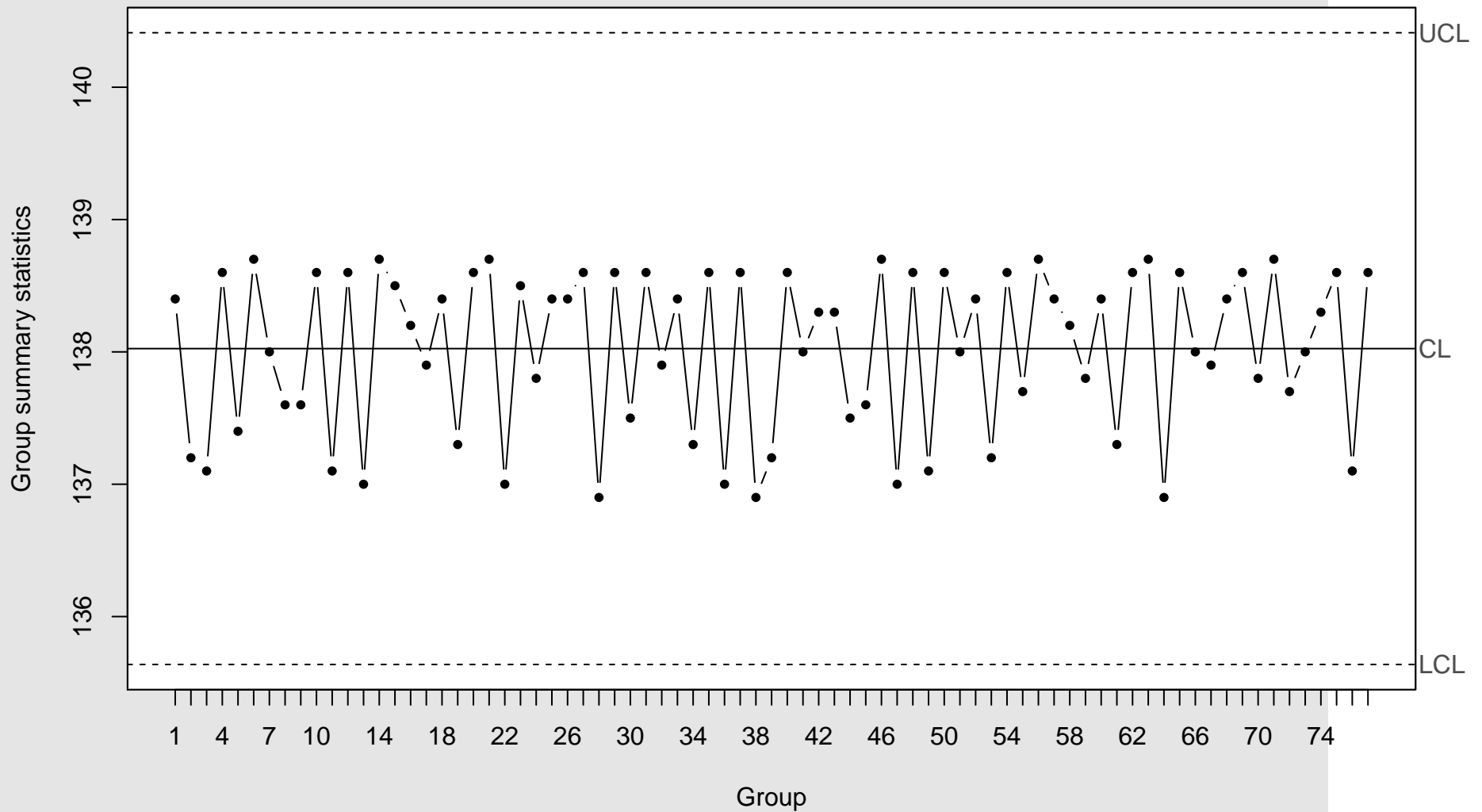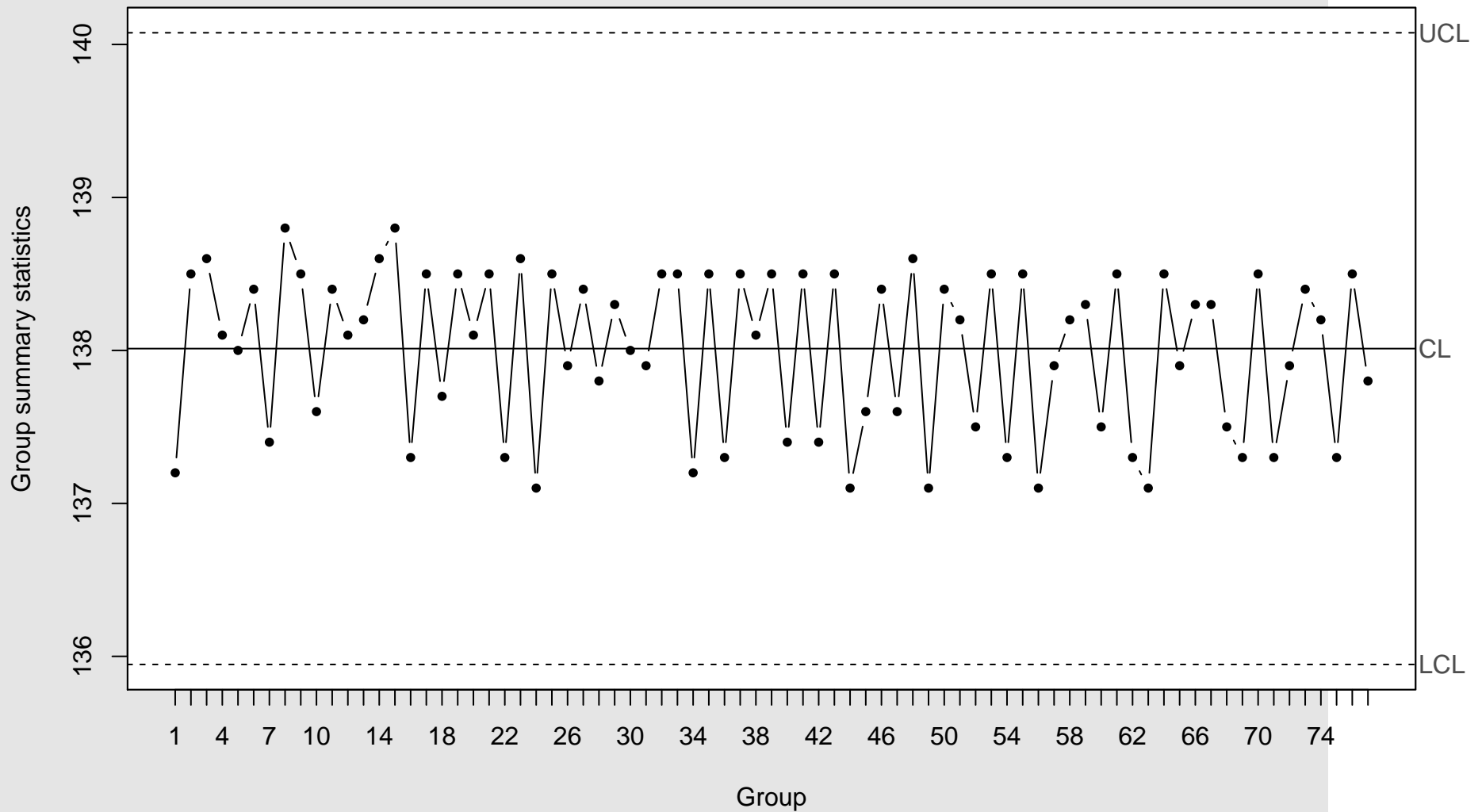
xbar.one Chart
for regData$MDM03

Number of groups = 77
Center = 138.0117
StdDev = 0.6882232

LCL = 135.947
UCL = 140.0764

Number beyond limits = 0
Number violating runs = 0

**xbar.one Chart
for regData$MDH01**

Group summary statistics

Group

Number of groups = 77
Center = 138.0117   LCL = 136.143   Number beyond limits = 0
StdDev = 0.6229003   UCL = 139.8804   Number violating runs = 0

Residuals vs Fitted

Residuals

47.7335   47.7340   47.7345   47.7350   47.7355

Fitted values
lm(regData$Col.125 ~ regData$MDL05)

Normal Q–Q

Standardized residuals

Theoretical Quantiles
lm(regData$Col.125 ~ regData$MDL05)

Residuals vs Leverage

Standardized residuals

Leverage
lm(regData$Col.125 ~ regData$MDL05)

Cook's distance

Residuals vs Fitted

Residuals

Fitted values
lm(regData$Col.125 ~ regData$MDM01 + regData$MDM02 + regData$MDM03)

Normal Q–Q

Standardized residuals

Theoretical Quantiles
lm(regData$Col.125 ~ regData$MDM01 + regData$MDM02 + regData$MDM03)

Scale−Location

Fitted values
lm(regData$Col.125 ~ regData$MDM01 + regData$MDM02 + regData$MDM03)

Residuals vs Leverage

Standardized residuals

Leverage
lm(regData$Col.125 ~ regData$MDM01 + regData$MDM02 + regData$MDM03)