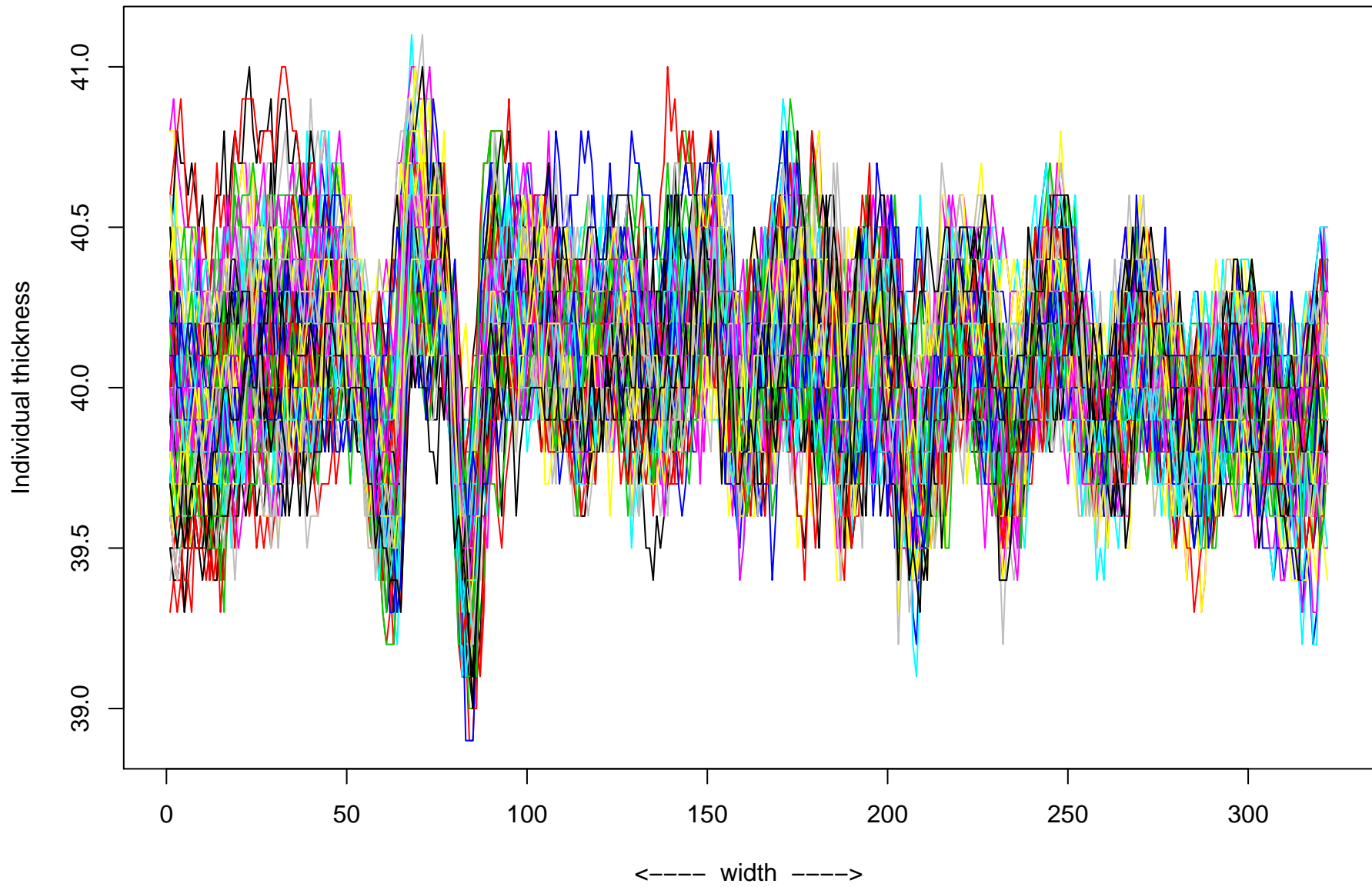
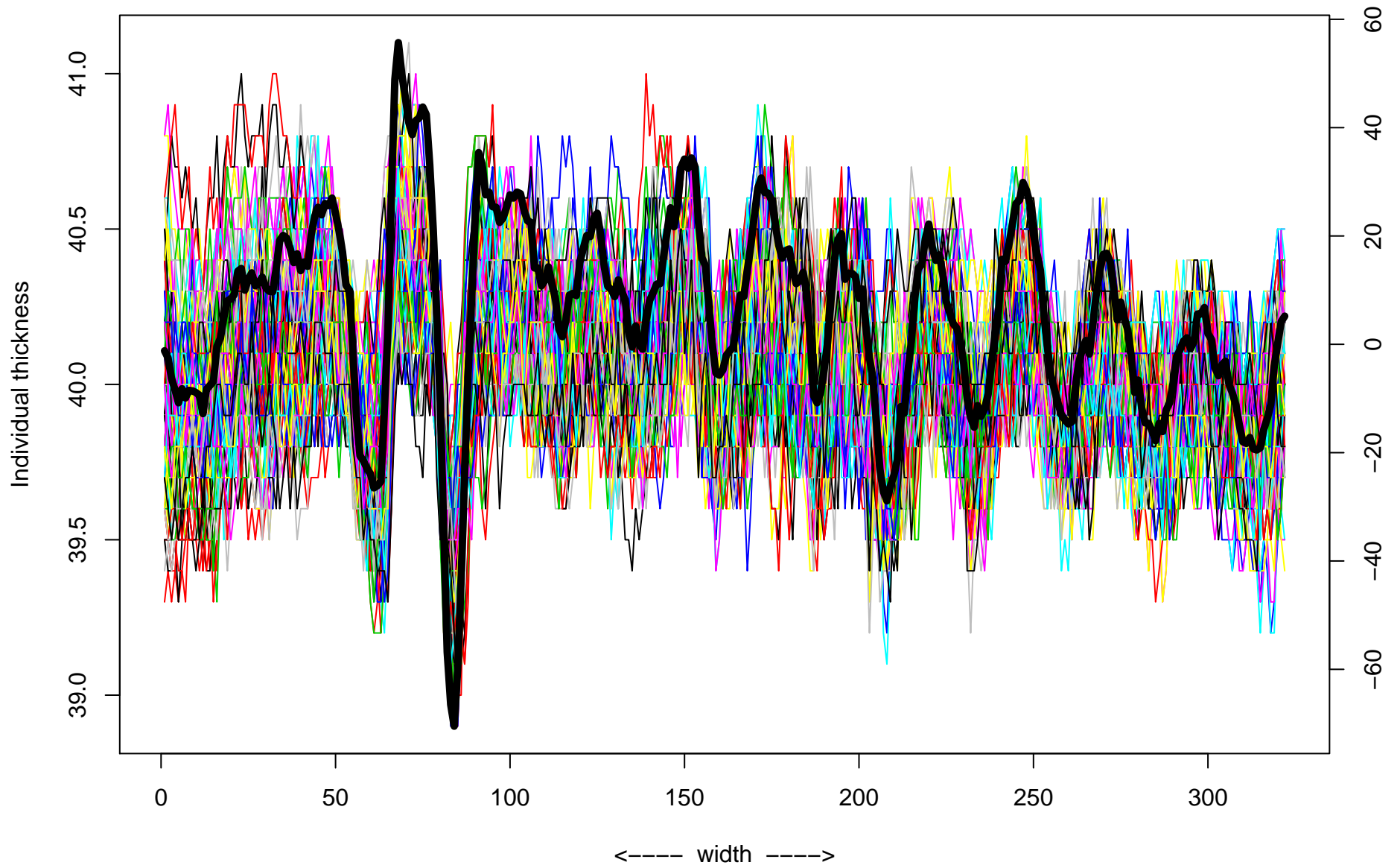


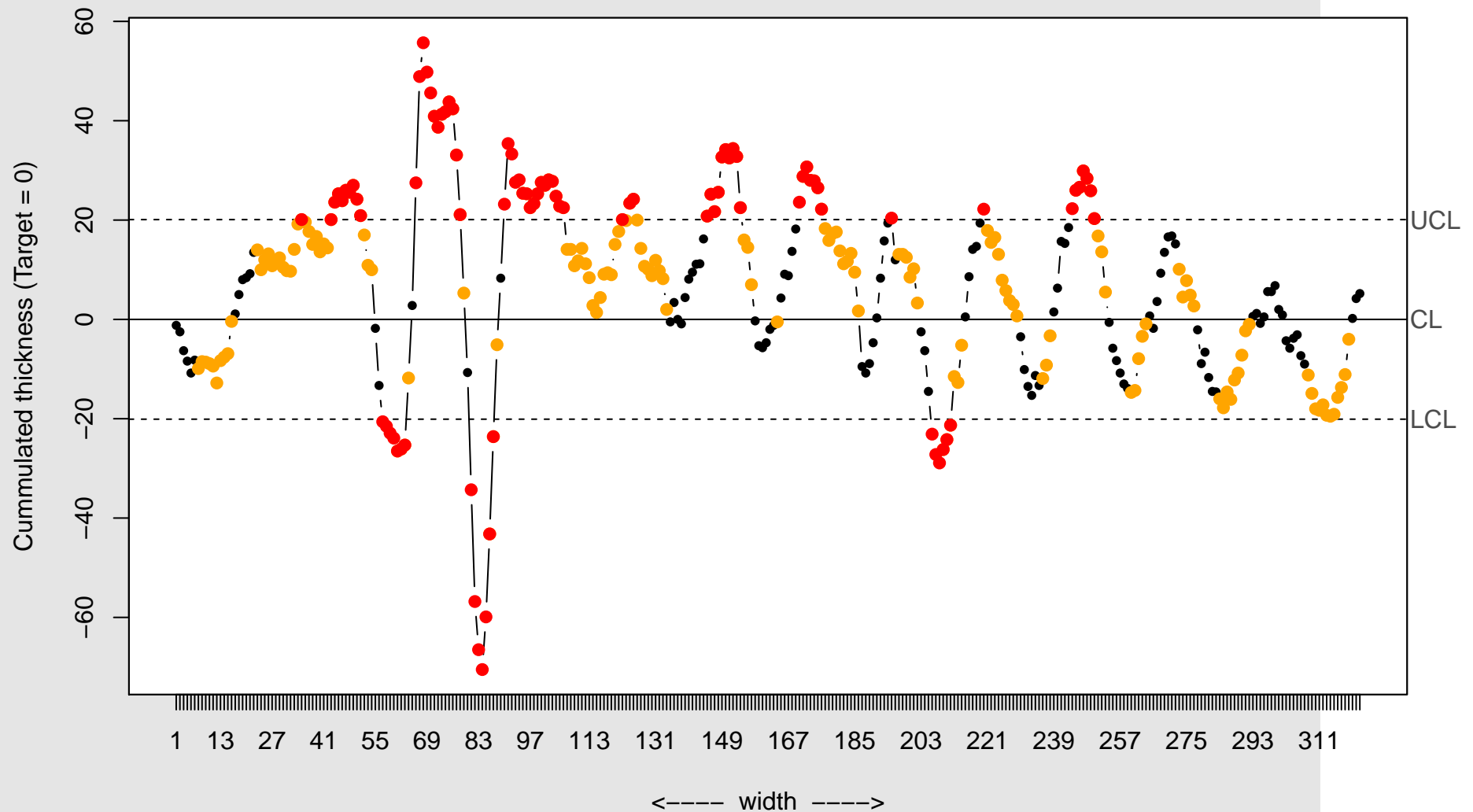
# Individual thickness only



# Simulated thickness



## Simulated thickness



Number of groups = 322

Center = 0

StdDev = 3.34891

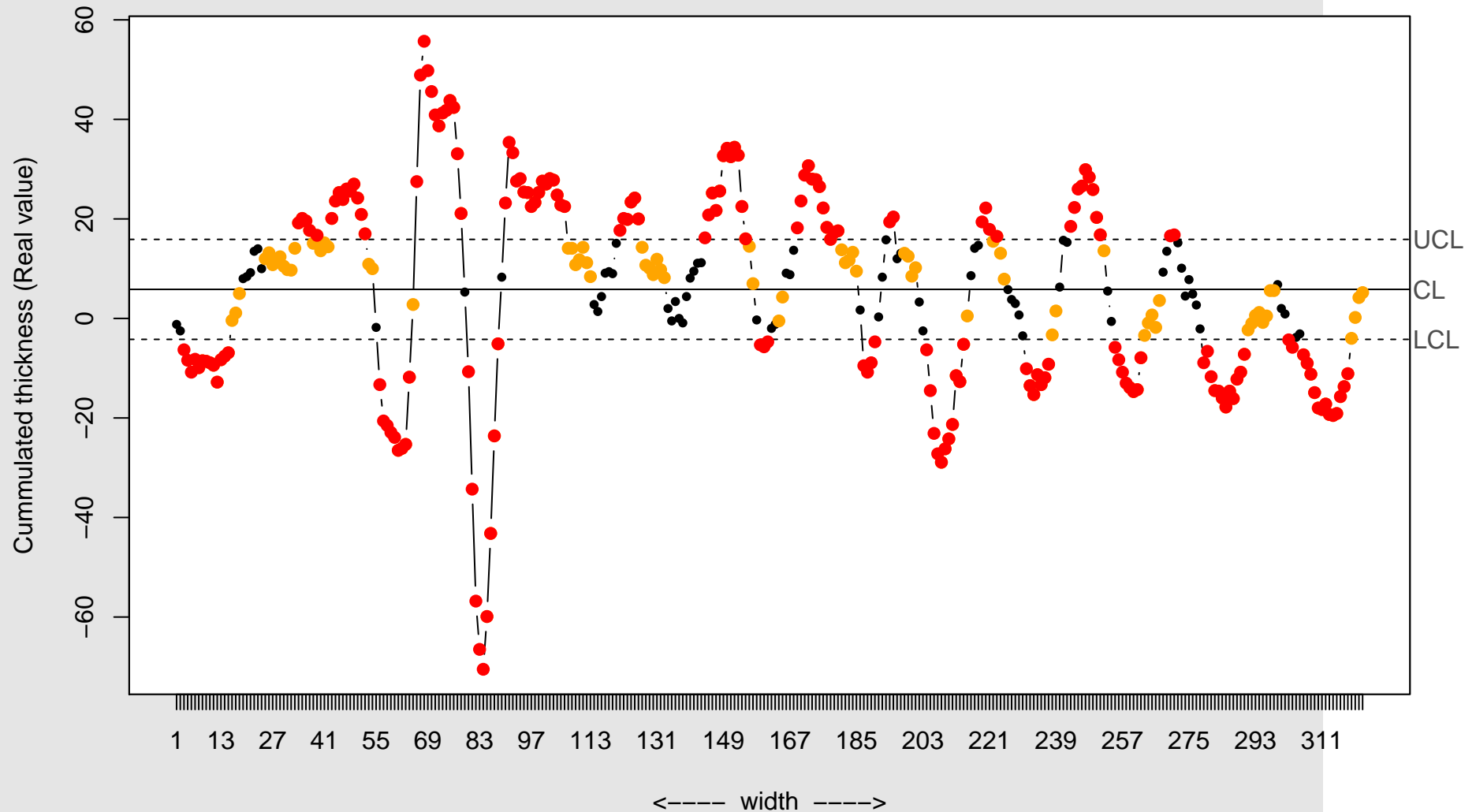
LCL = -20.09346

UCL = 20.09346

Number beyond limits = 89

Number violating runs = 192

Simulated thickness: Cpk is 0.4985 and z is -0.004387.

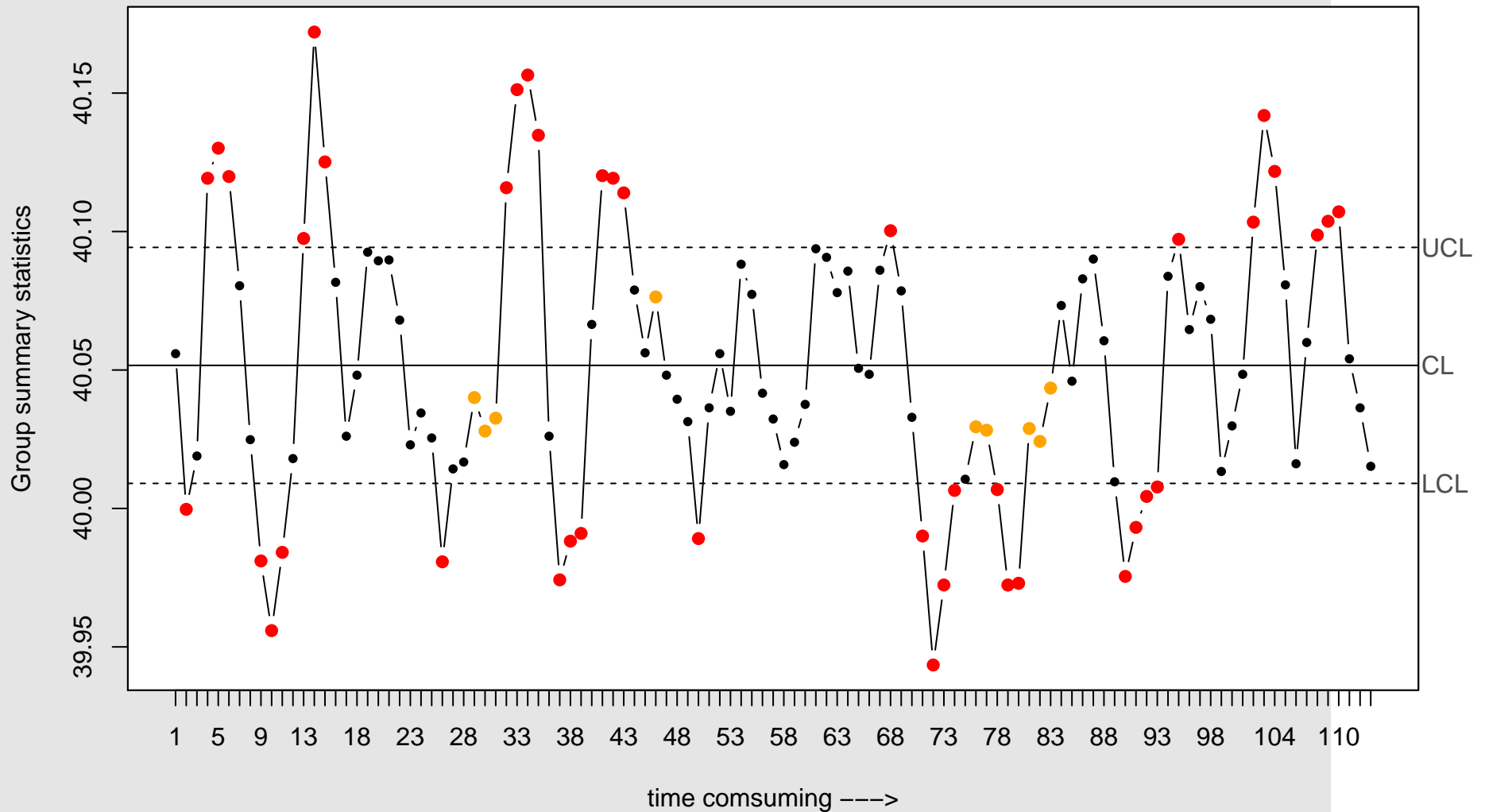


Number of groups = 322  
Center = 5.837888  
StdDev = 3.34891

LCL = -4.208841  
UCL = 15.88462

Number beyond limits = 183  
Number violating runs = 190

X-bar chart for a given dataset

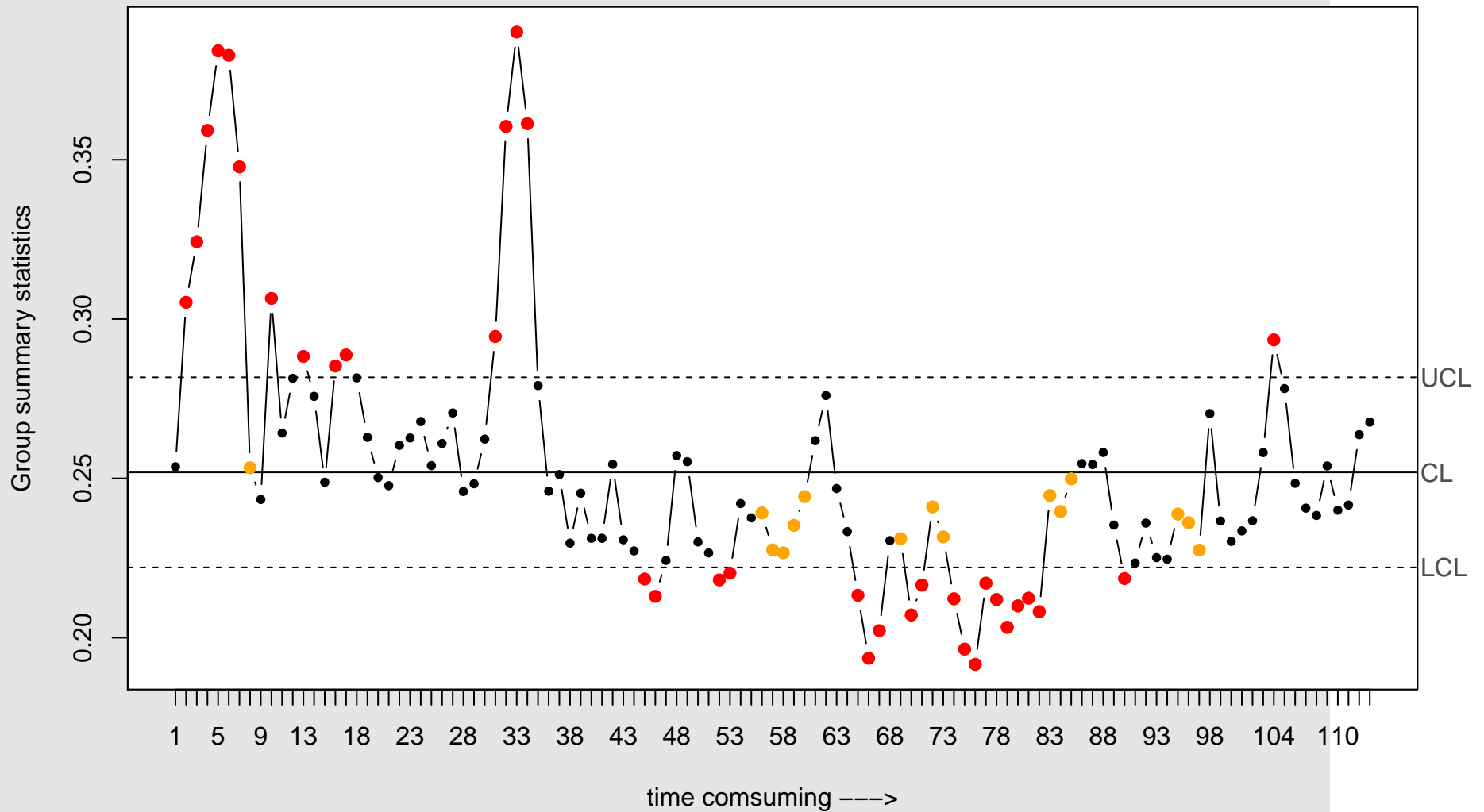


Number of groups = 113  
Center = 40.05166  
StdDev = 0.2548991

LCL = 40.00905  
UCL = 40.09428

Number beyond limits = 41  
Number violating runs = 12

S chart for a given dataset

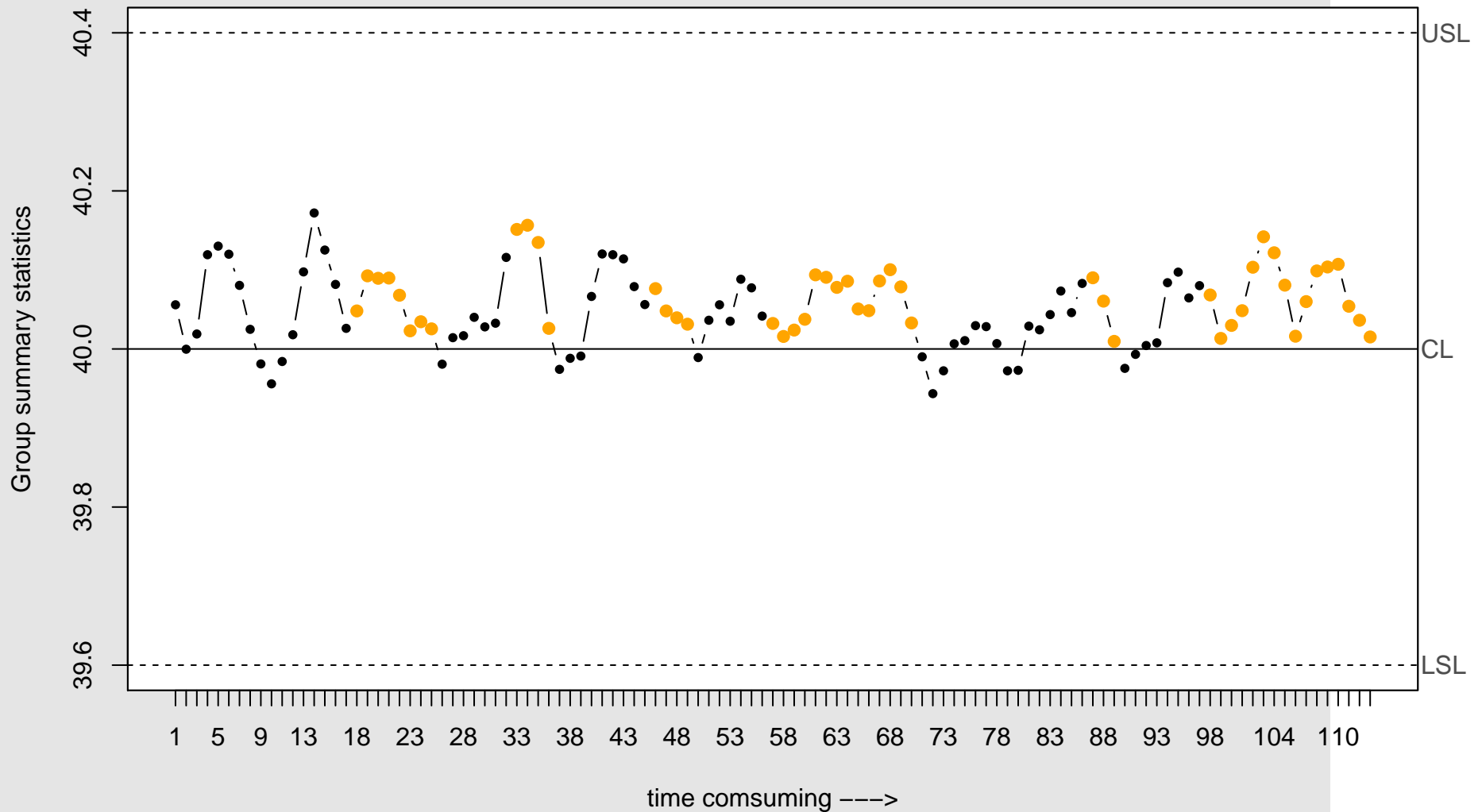


Number of groups = 113  
Center = 0.2518844  
StdDev = 0.2520806

LCL = 0.2220495  
UCL = 0.2817192

Number beyond limits = 34  
Number violating runs = 27

X-bar chart using USL/LSL for a given dataset



Number of groups = 113

Center = 40

StdDev = 0.2548991

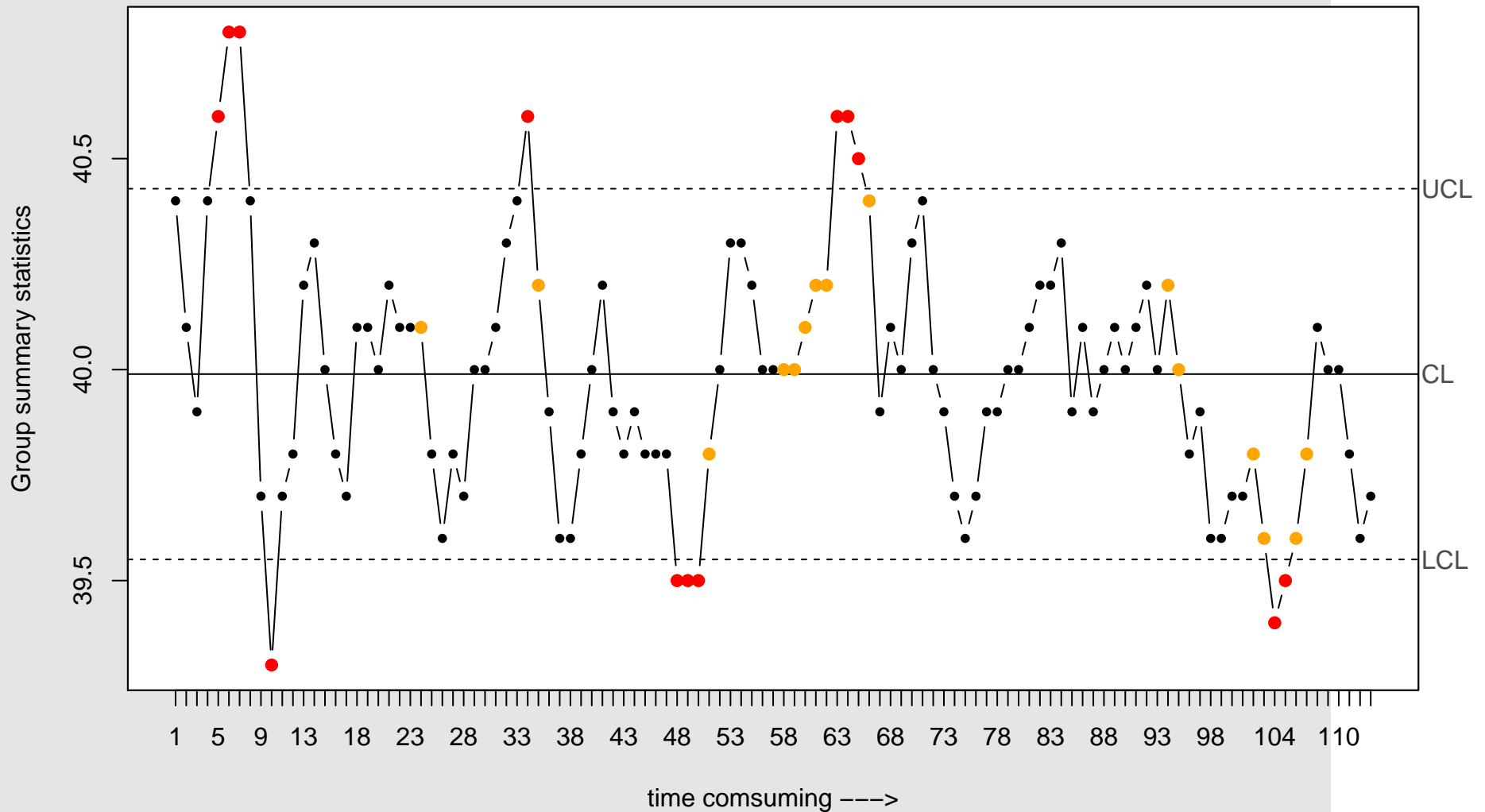
LCL = 39.6

UCL = 40.4

Number beyond limits = 0

Number violating runs = 49

# 1th column point of this product



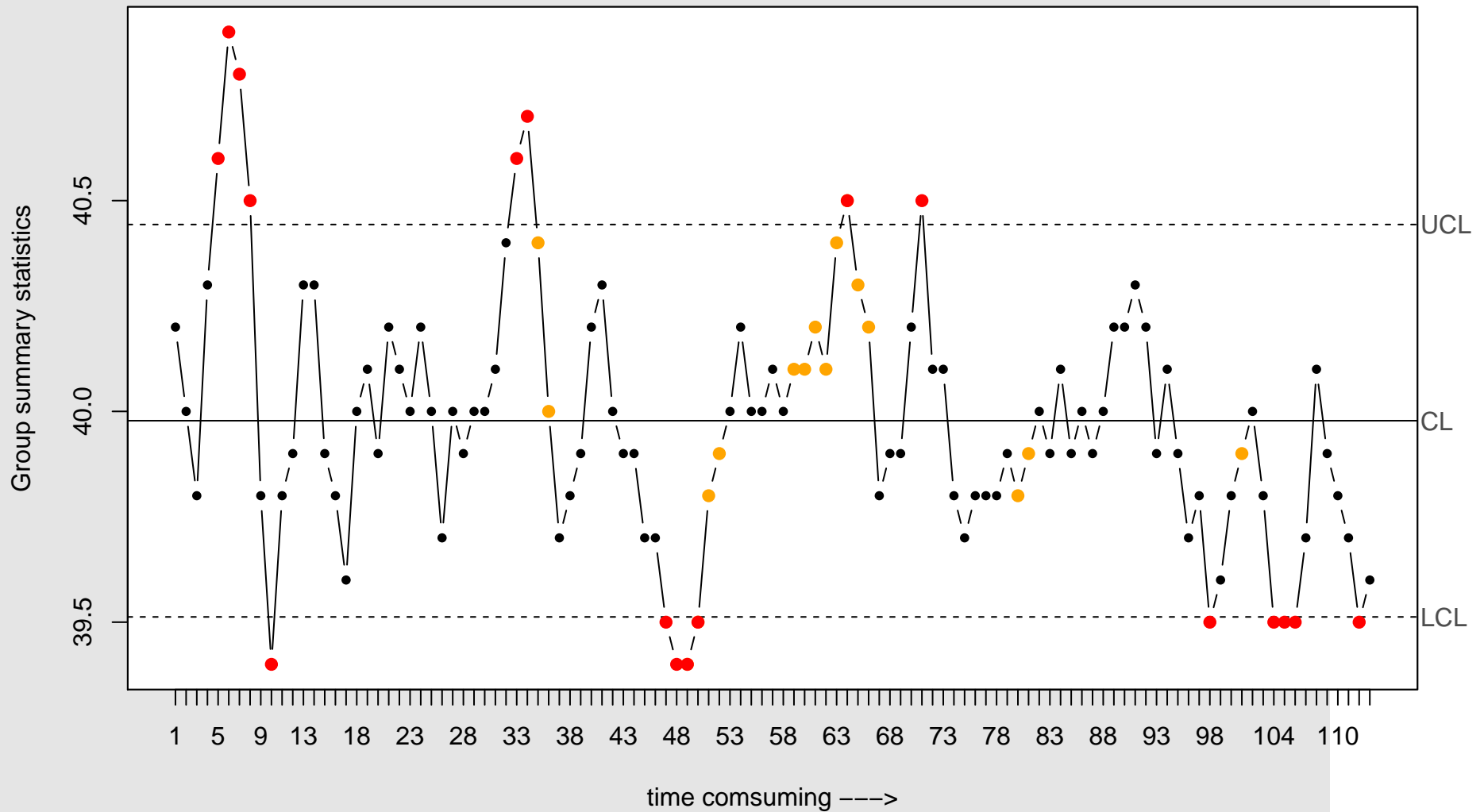
Number of groups = 113  
 Center = 39.98938  
 StdDev = 0.1464349

LCL = 39.55008  
 UCL = 40.42869

Number beyond limits = 13  
 Number violating runs = 23



## 2th column point of this product



Number of groups = 113

Center = 39.97788

StdDev = 0.1551418

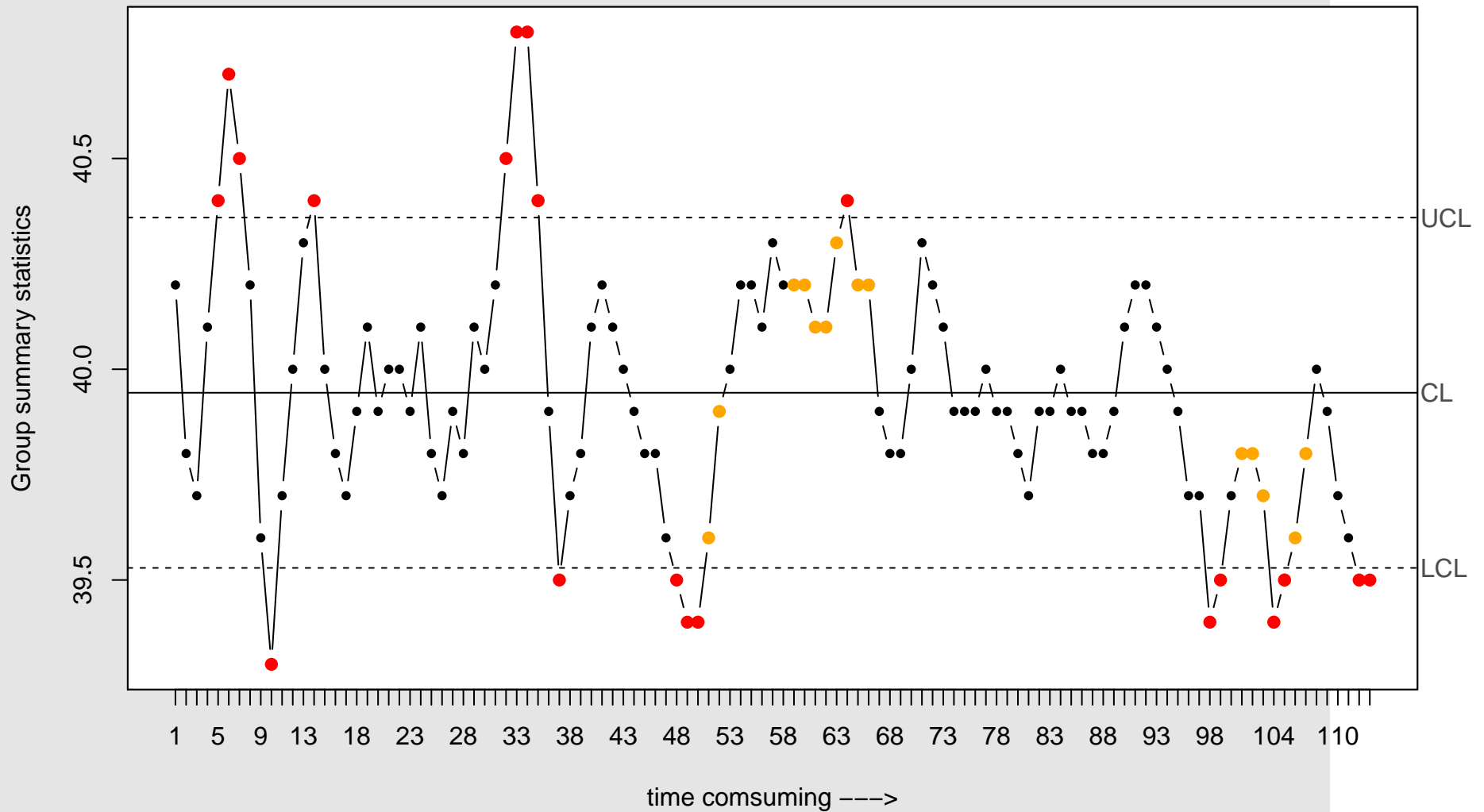
LCL = 39.51245

UCL = 40.4433

Number beyond limits = 18

Number violating runs = 17

### 3th column point of this product

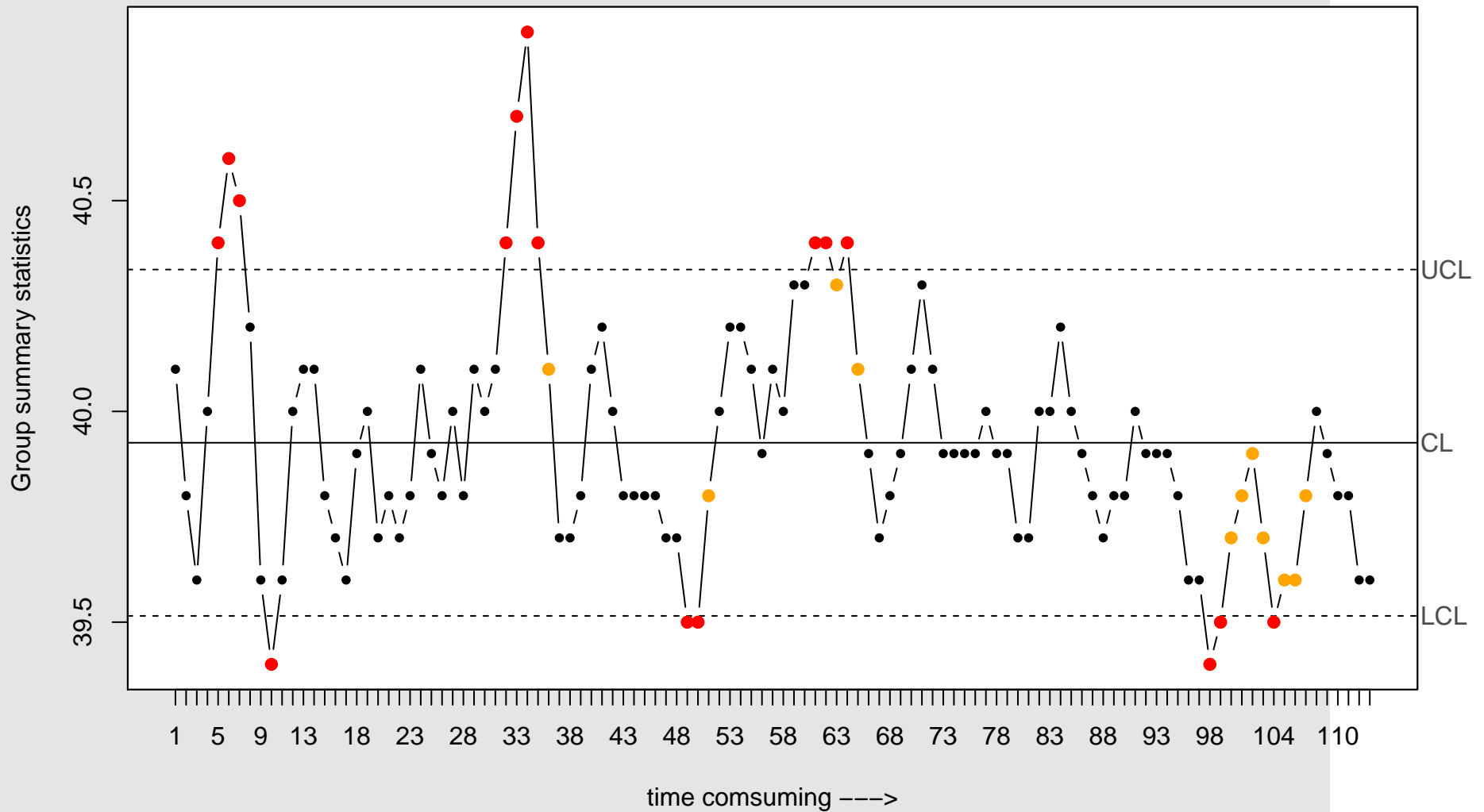


Number of groups = 113  
 Center = 39.94425  
 StdDev = 0.1385195

LCL = 39.52869  
 UCL = 40.35981

Number beyond limits = 20  
 Number violating runs = 19

# 4th column point of this product



Number of groups = 113

Center = 39.92566

StdDev = 0.1369364

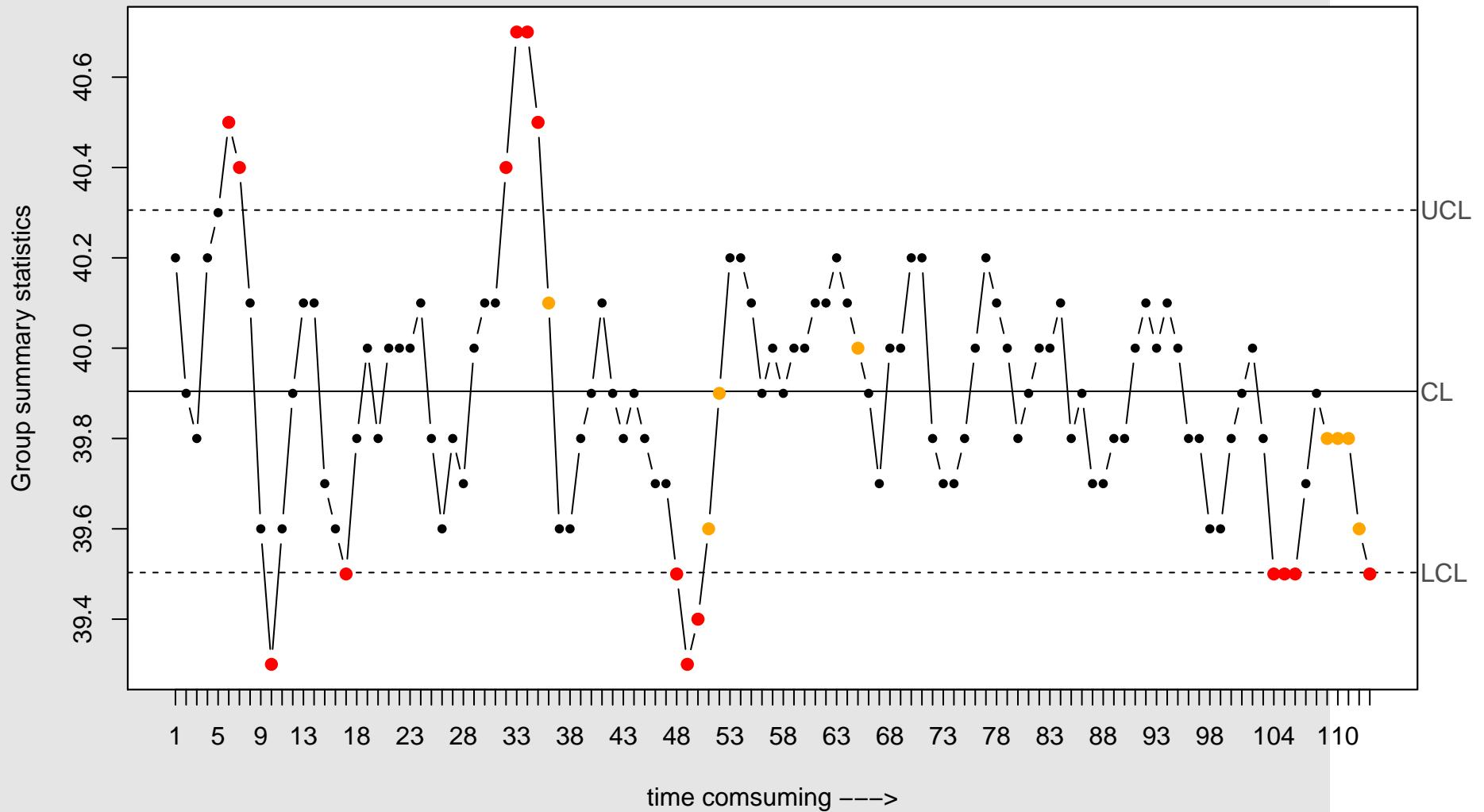
LCL = 39.51485

UCL = 40.33647

Number beyond limits = 16

Number violating runs = 18

# 5th column point of this product



Number of groups = 113

Center = 39.90442

StdDev = 0.1337703

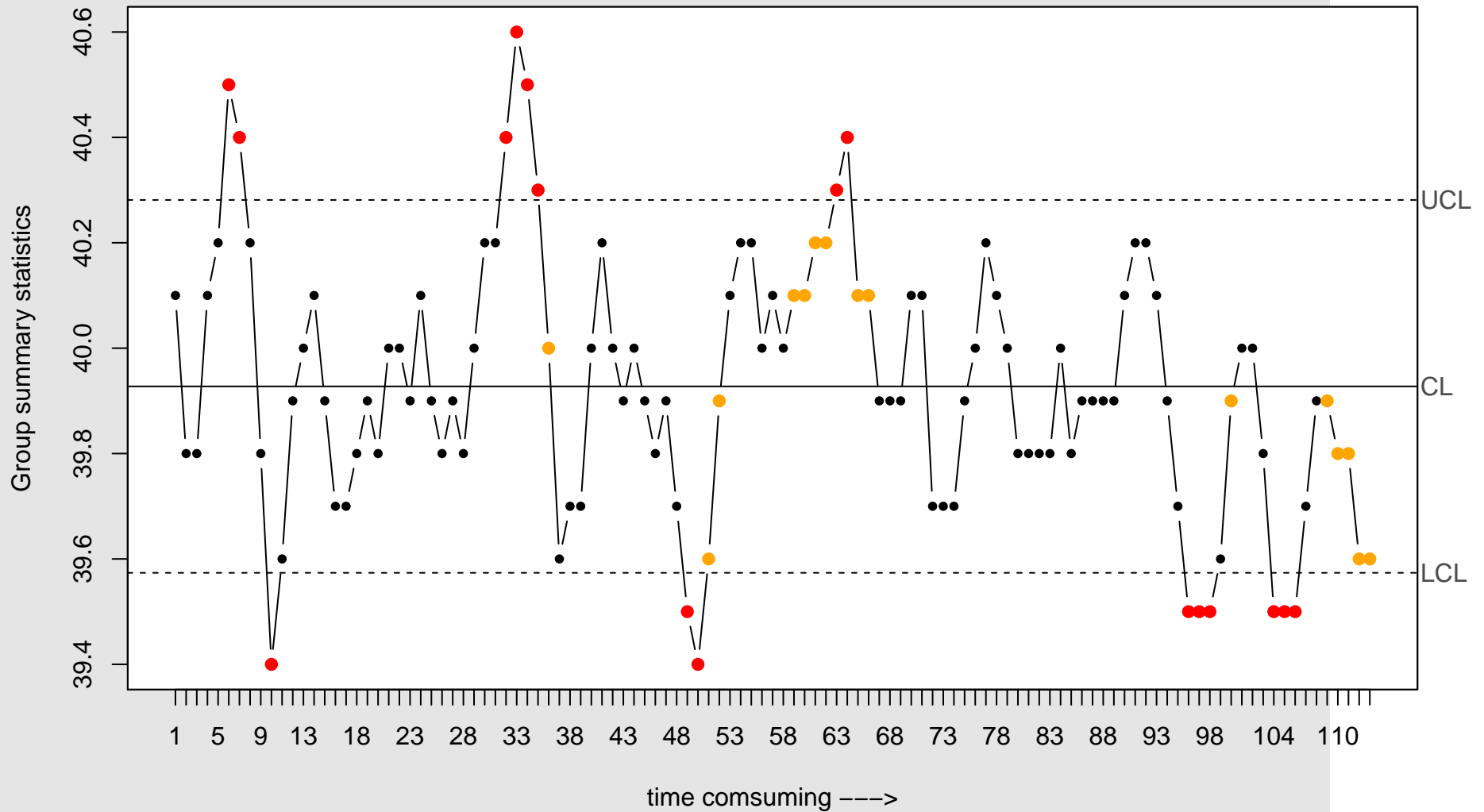
LCL = 39.50311

UCL = 40.30574

Number beyond limits = 15

Number violating runs = 13

# 6th column point of this product

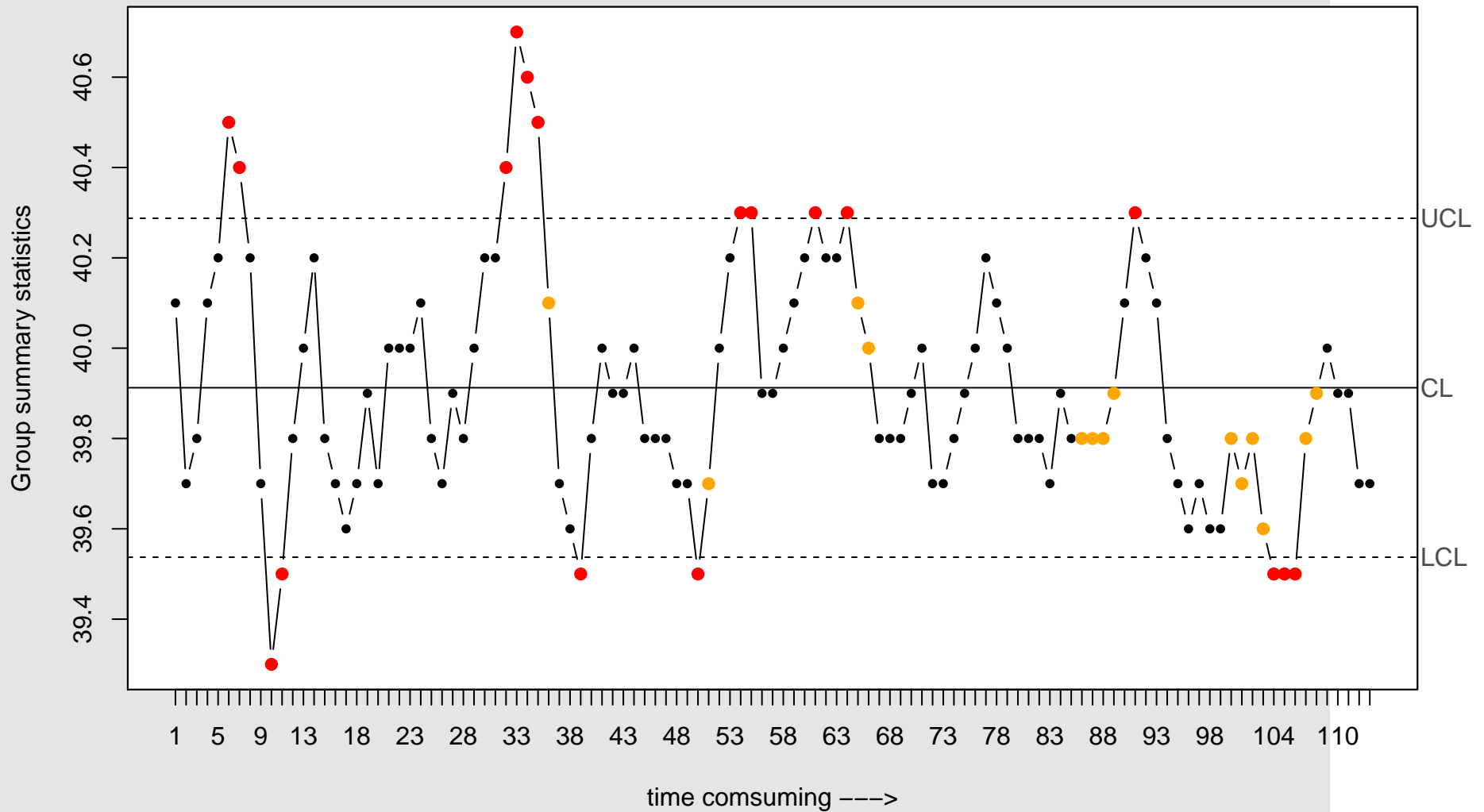


Number of groups = 113  
 Center = 39.92743  
 StdDev = 0.1179395

LCL = 39.57362  
 UCL = 40.28125

Number beyond limits = 17  
 Number violating runs = 18

# 7th column point of this product



Number of groups = 113

Center = 39.91239

StdDev = 0.1250633

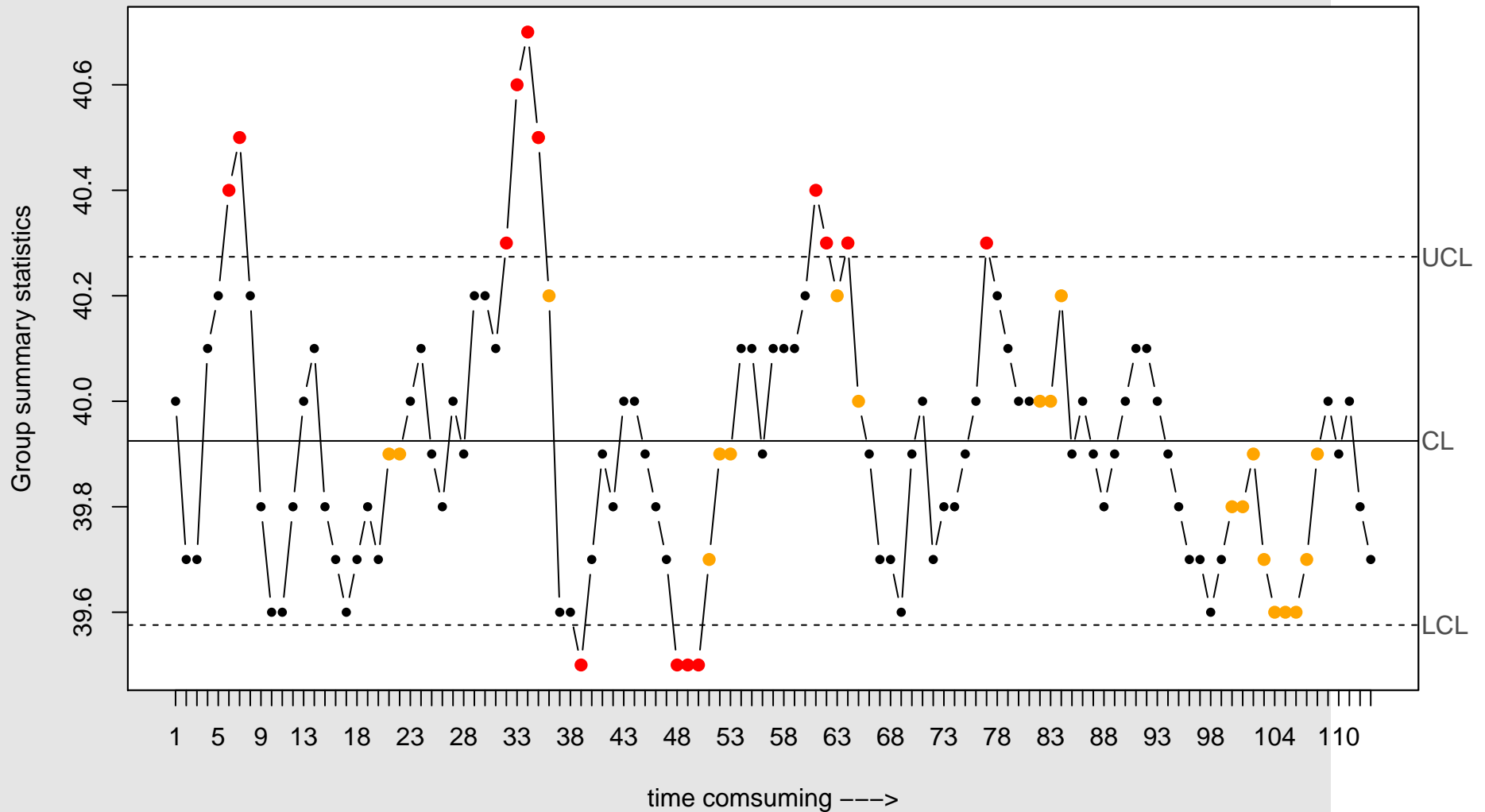
LCL = 39.5372

UCL = 40.28758

Number beyond limits = 18

Number violating runs = 19

# 8th column point of this product



Number of groups = 113

Center = 39.92478

StdDev = 0.1163564

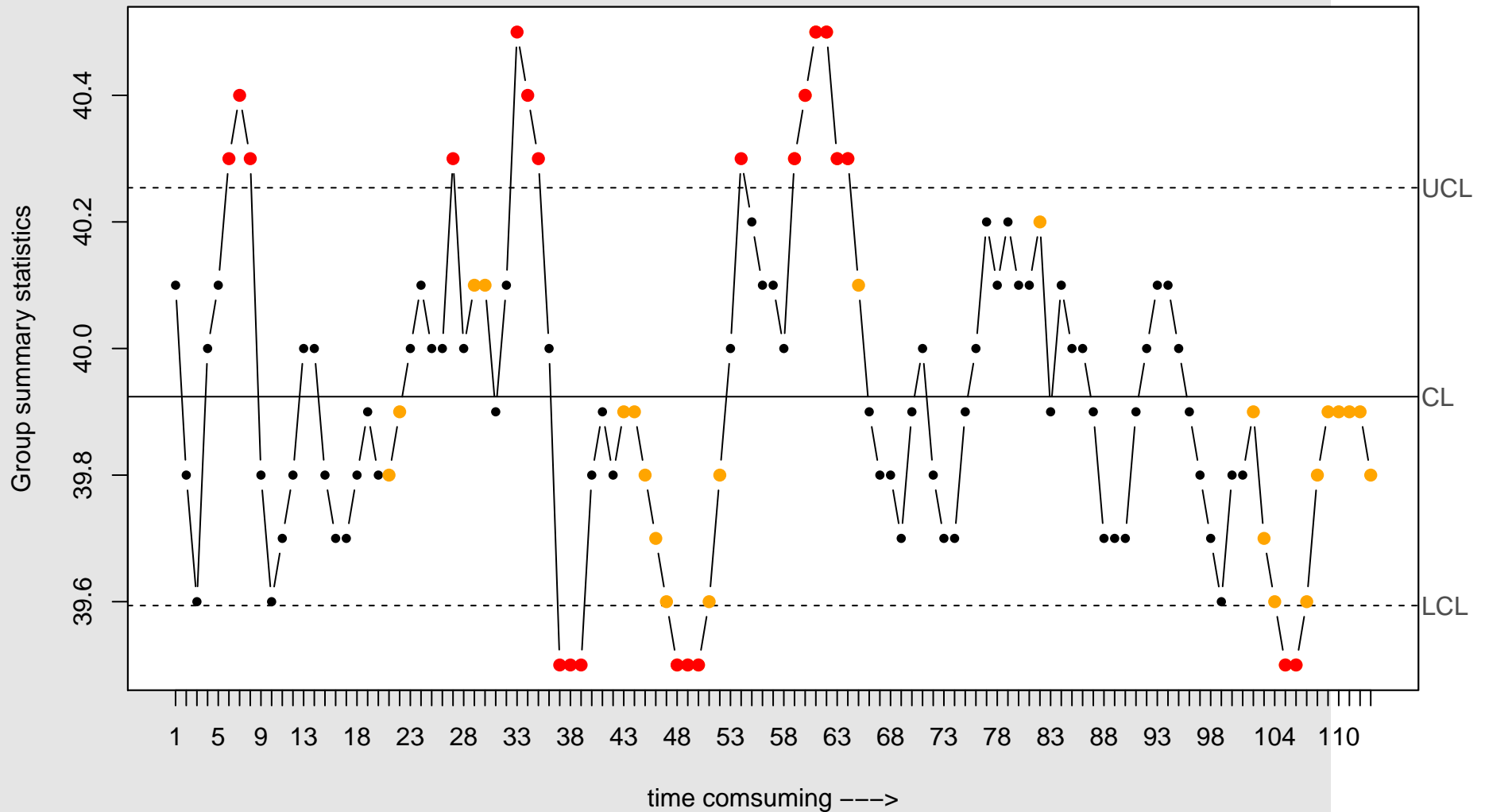
LCL = 39.57571

UCL = 40.27385

Number beyond limits = 14

Number violating runs = 22

# 9th column point of this product



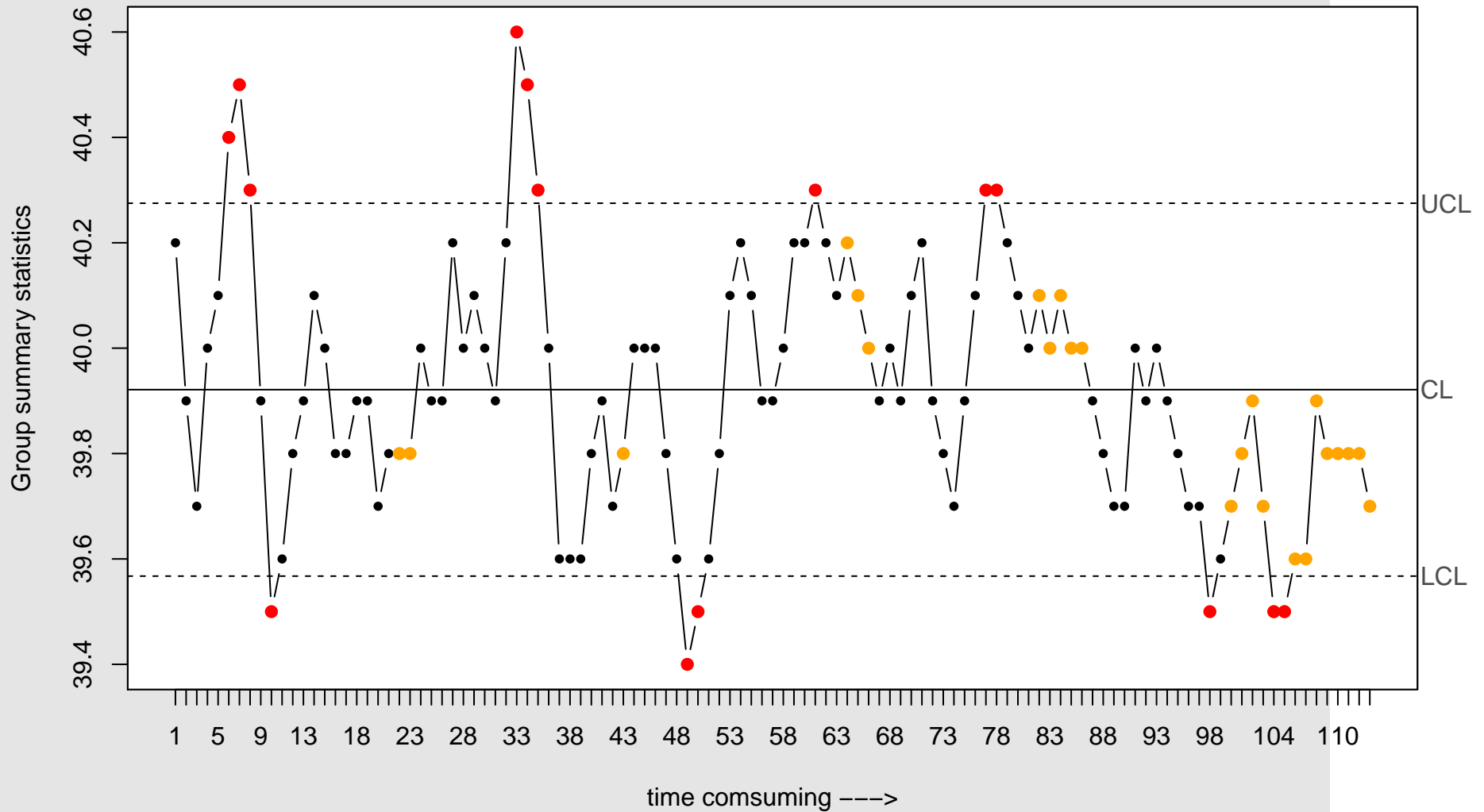
Number of groups = 113  
 Center = 39.92389  
 StdDev = 0.1100241

LCL = 39.59382  
 UCL = 40.25397

Number beyond limits = 22  
 Number violating runs = 34



# 10th column point of this product



Number of groups = 113

Center = 39.92124

StdDev = 0.1179395

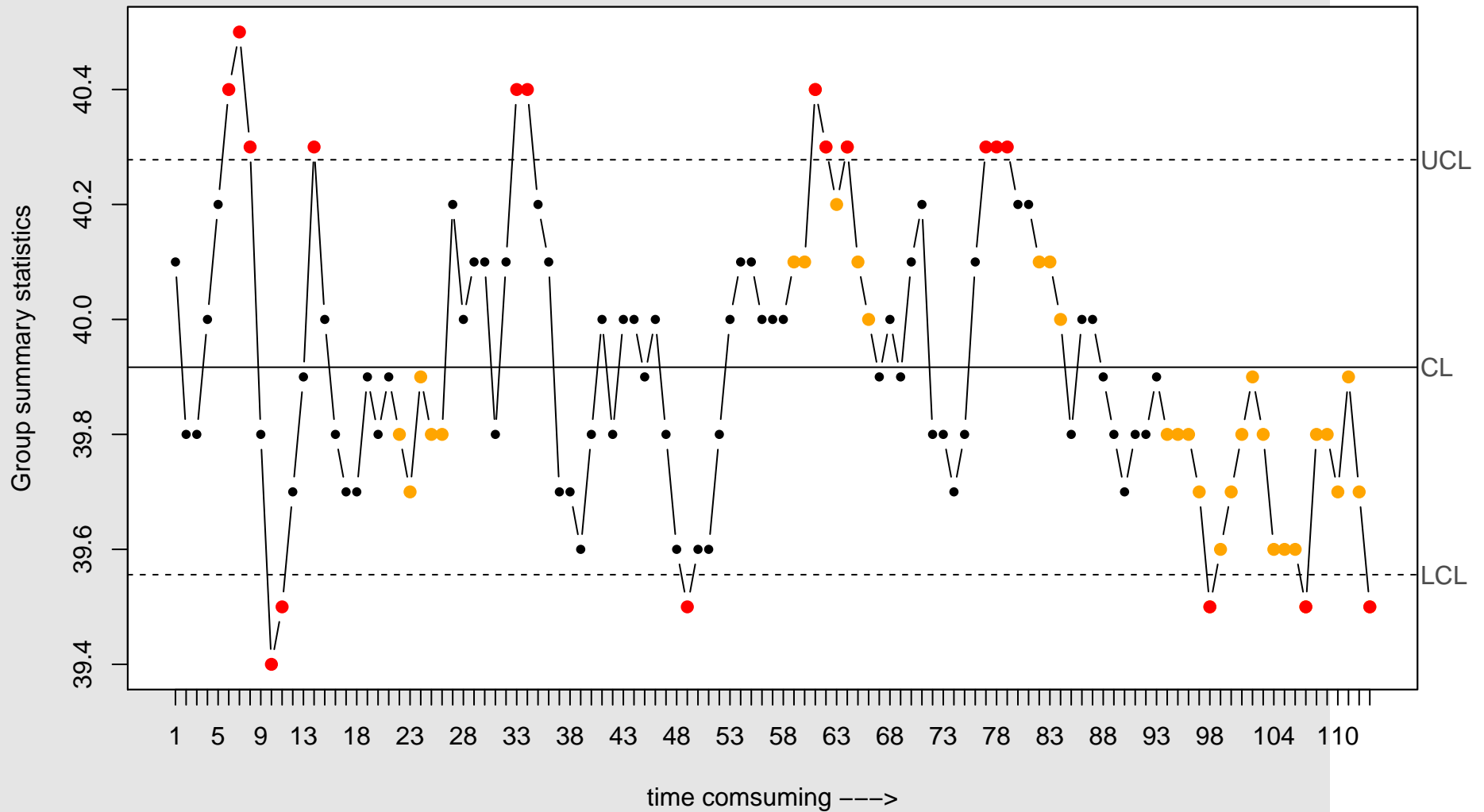
LCL = 39.56742

UCL = 40.27506

Number beyond limits = 15

Number violating runs = 25

# 11th column point of this product



Number of groups = 113

Center = 39.91681

StdDev = 0.1203141

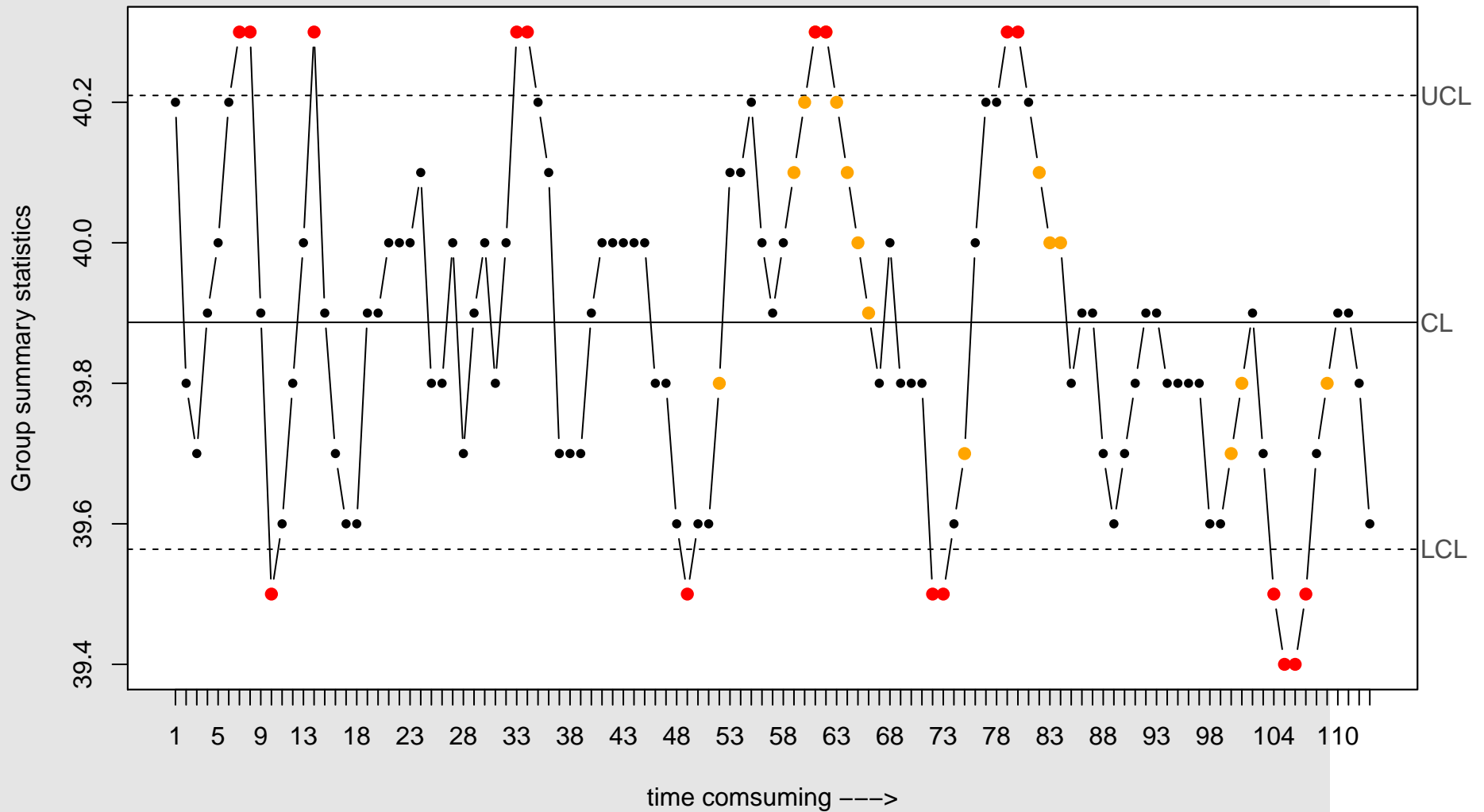
LCL = 39.55587

UCL = 40.27776

Number beyond limits = 18

Number violating runs = 36

# 12th column point of this product

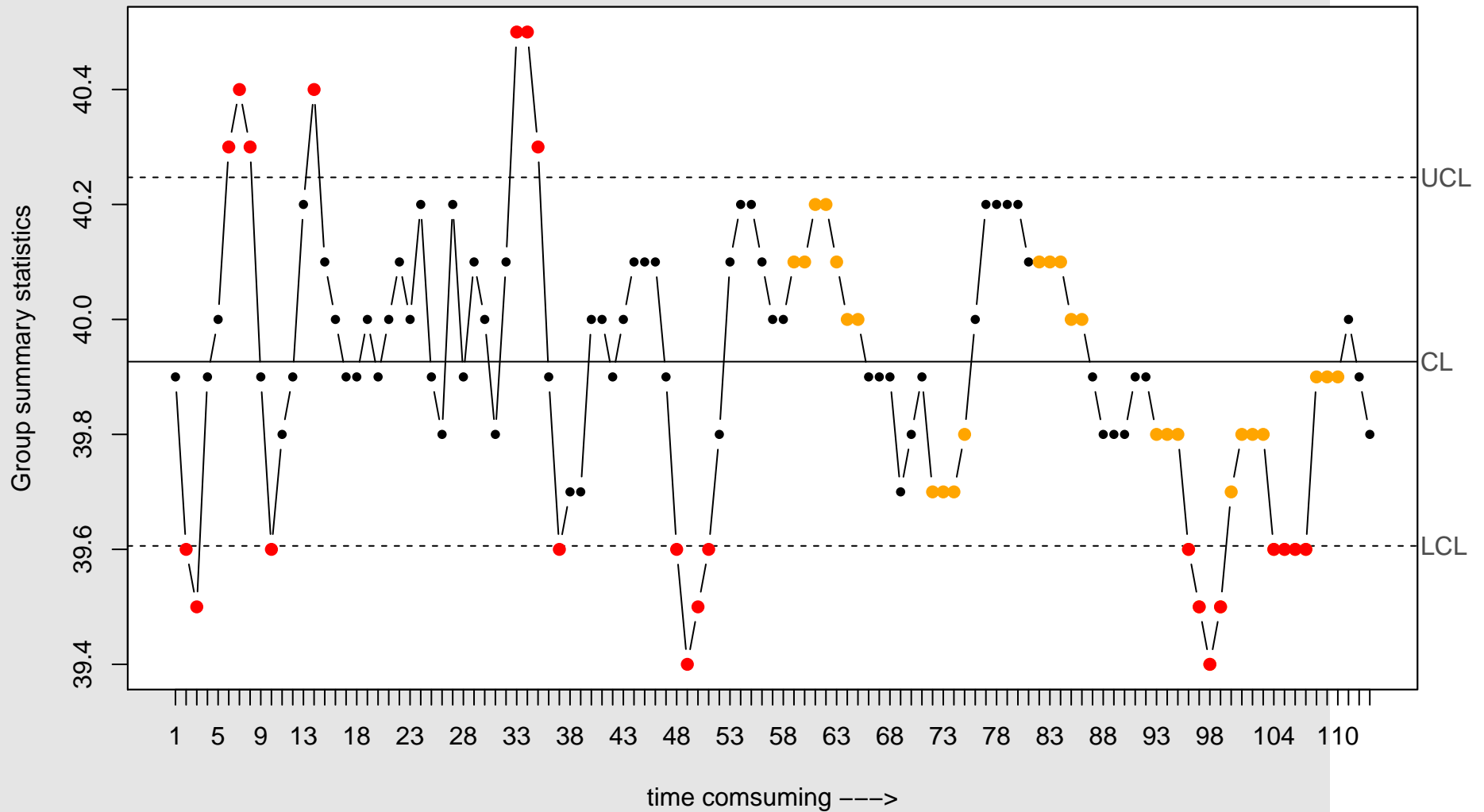


Number of groups = 113  
 Center = 39.88673  
 StdDev = 0.1076494

LCL = 39.56378  
 UCL = 40.20967

Number beyond limits = 17  
 Number violating runs = 16

# 13th column point of this product

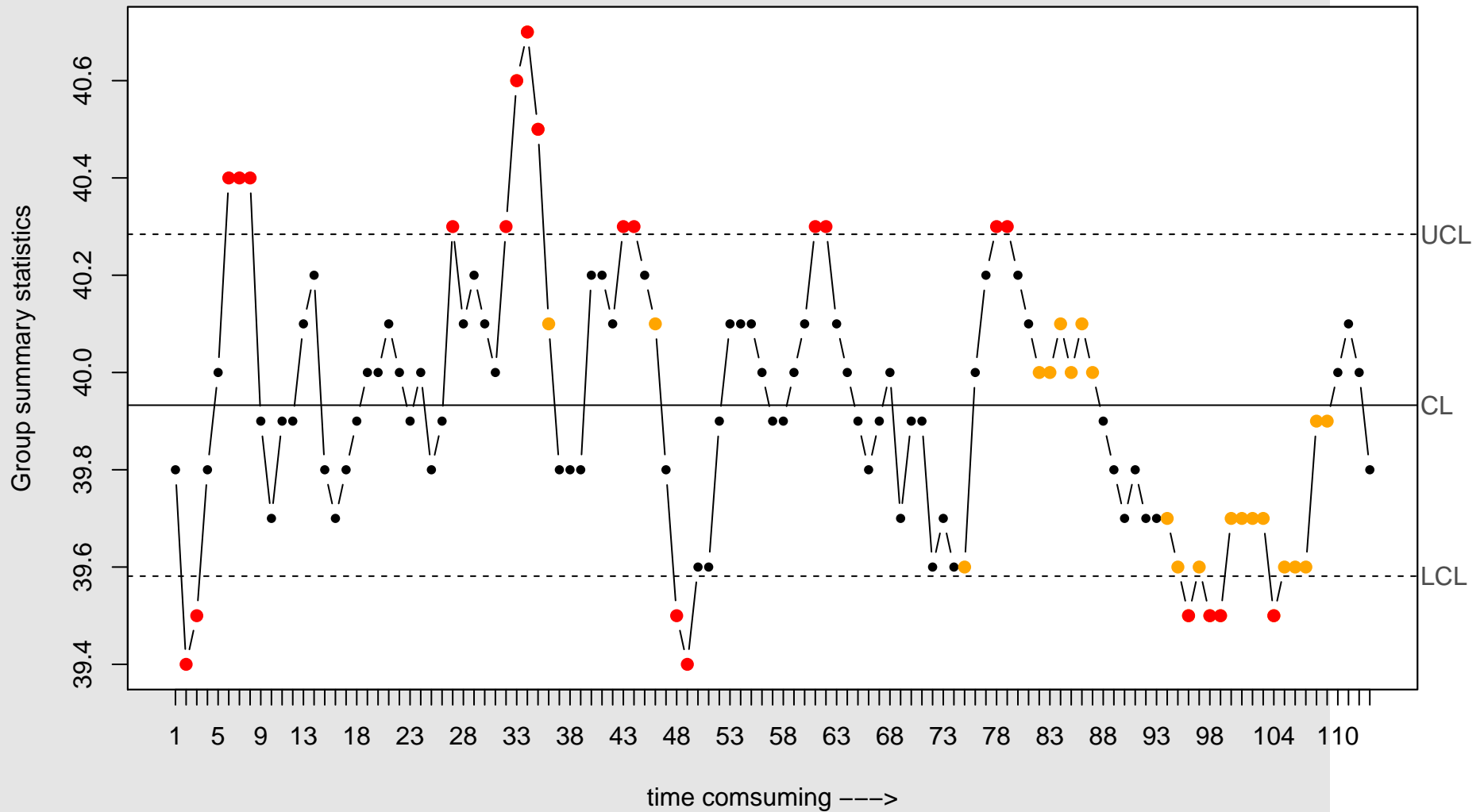


Number of groups = 113  
 Center = 39.92655  
 StdDev = 0.1068579

LCL = 39.60597  
 UCL = 40.24712

Number beyond limits = 23  
 Number violating runs = 34

# 14th column point of this product



Number of groups = 113

Center = 39.93274

StdDev = 0.1171479

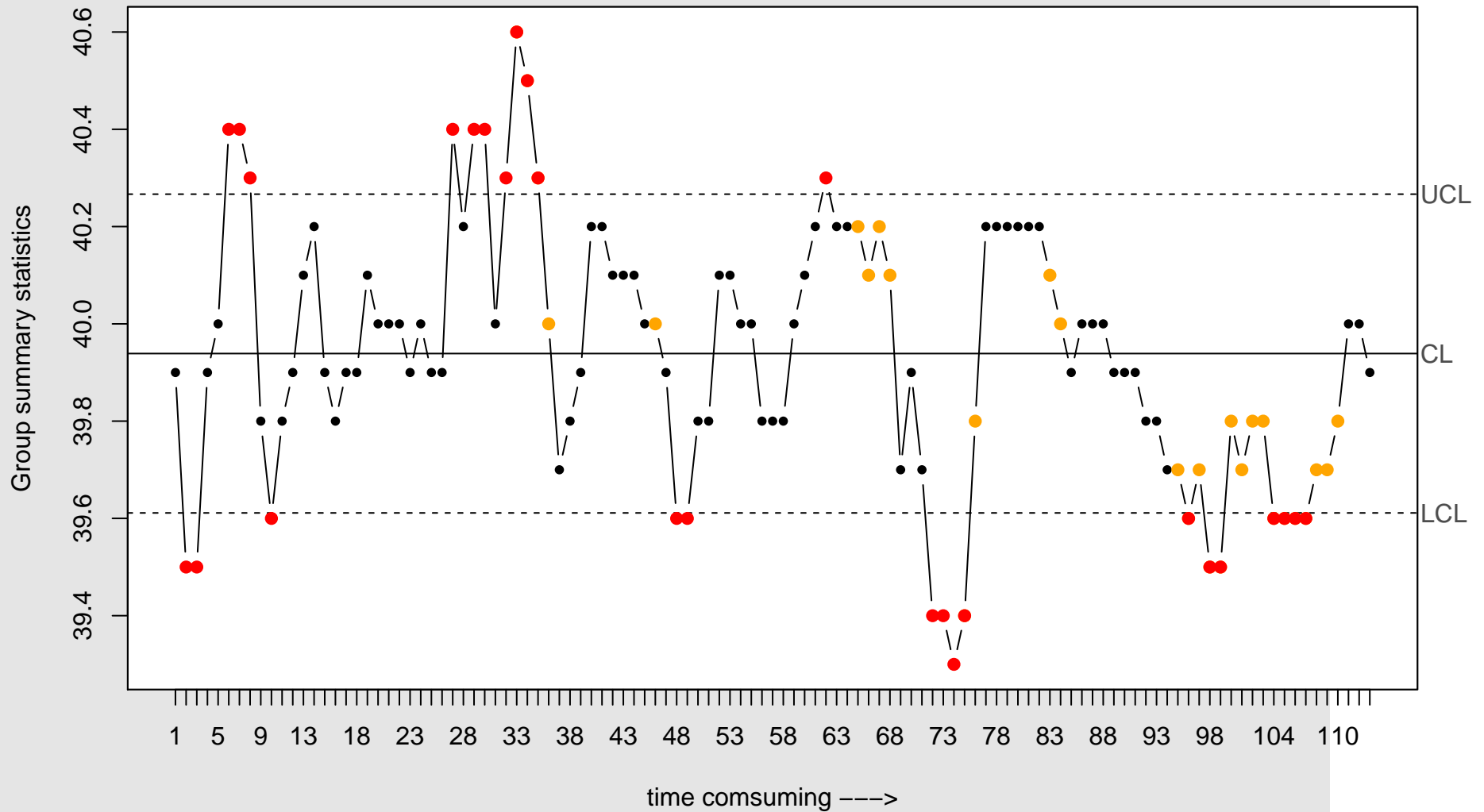
LCL = 39.5813

UCL = 40.28419

Number beyond limits = 22

Number violating runs = 28

# 15th column point of this product



Number of groups = 113

Center = 39.93894

StdDev = 0.1092325

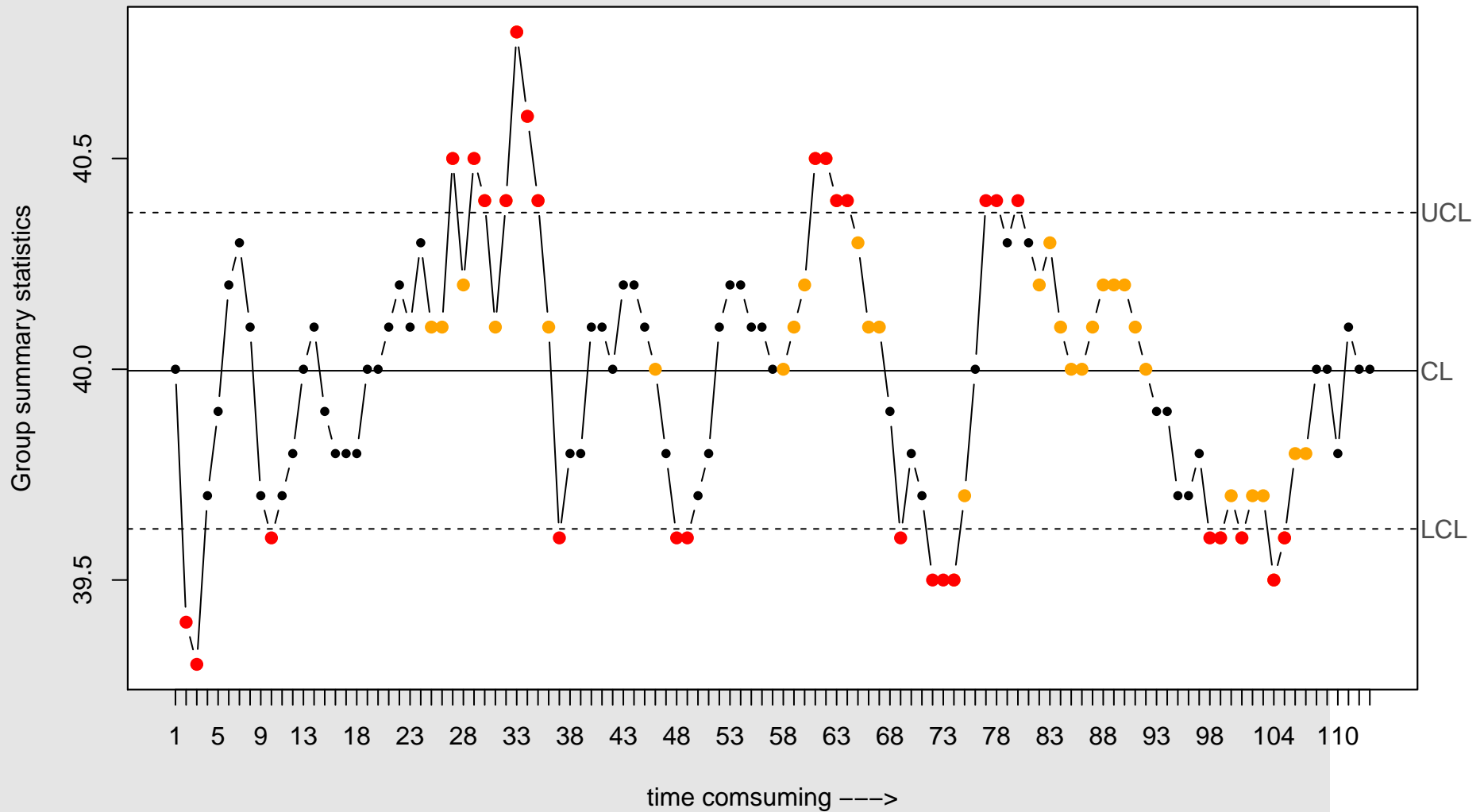
LCL = 39.61124

UCL = 40.26664

Number beyond limits = 27

Number violating runs = 29

# 16th column point of this product

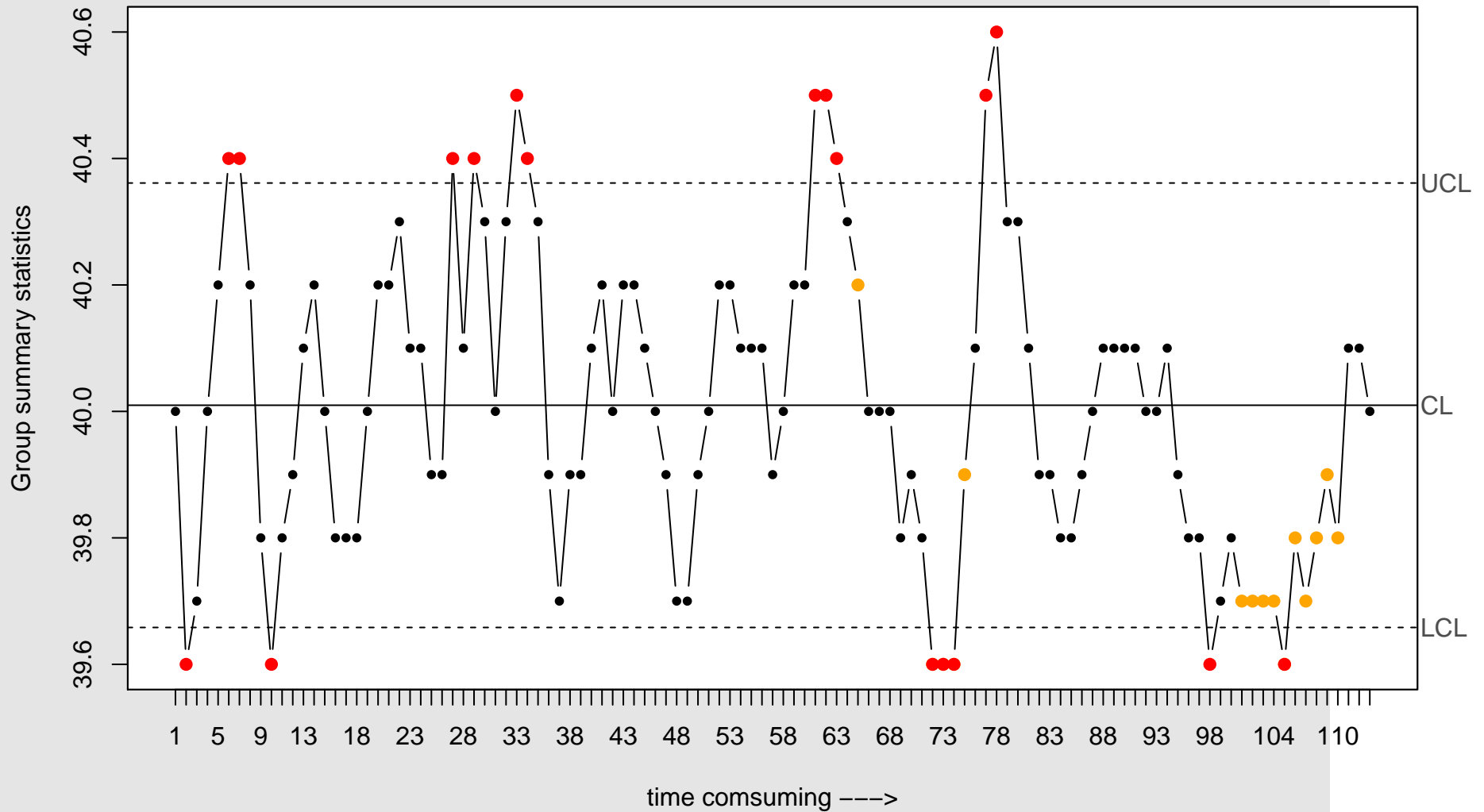


Number of groups = 113  
 Center = 39.99646  
 StdDev = 0.1250633

LCL = 39.62127  
 UCL = 40.37165

Number beyond limits = 29  
 Number violating runs = 45

# 17th column point of this product



Number of groups = 113

Center = 40.00973

StdDev = 0.1171479

LCL = 39.65829

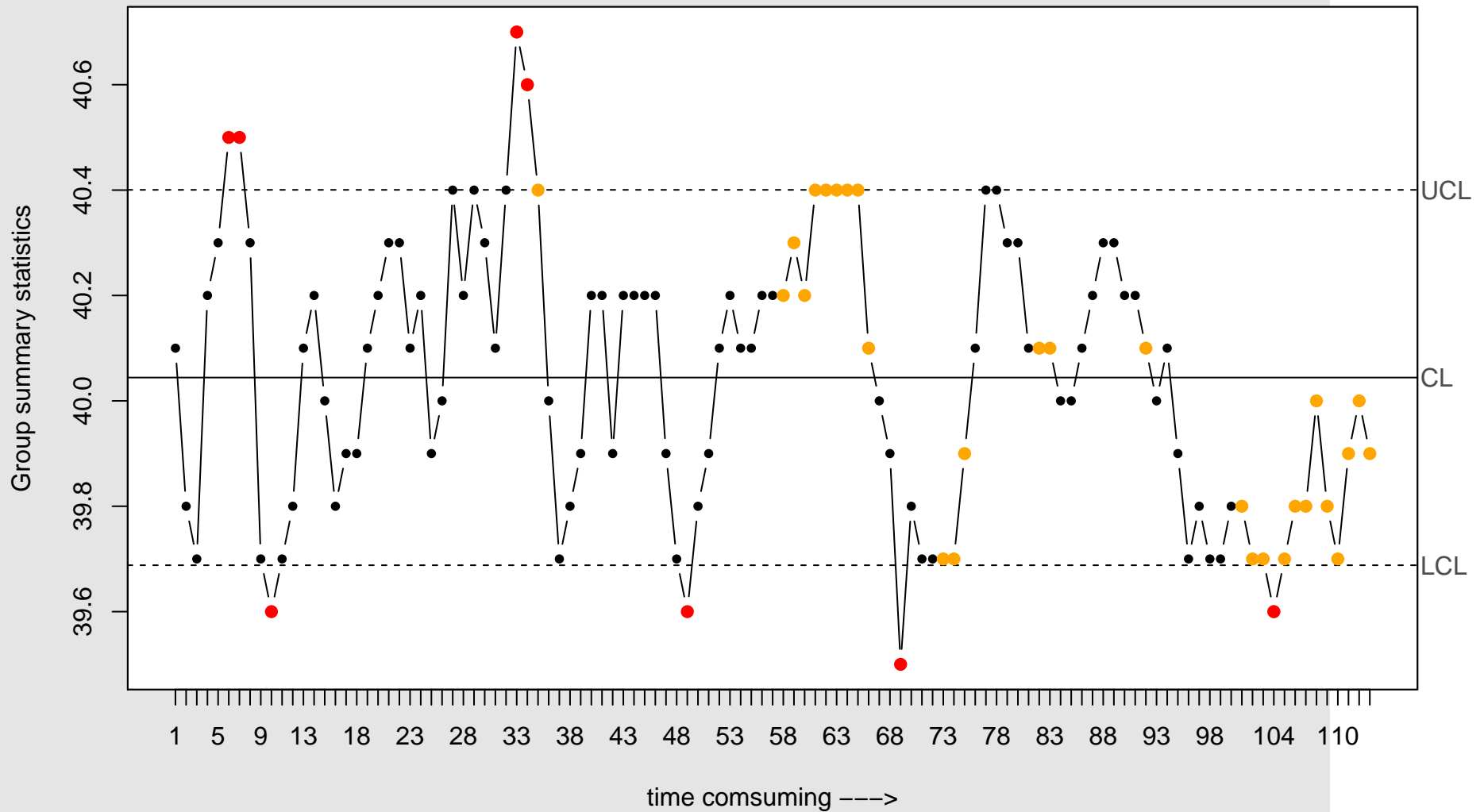
UCL = 40.36118

Number beyond limits = 18

Number violating runs = 15



# 18th column point of this product

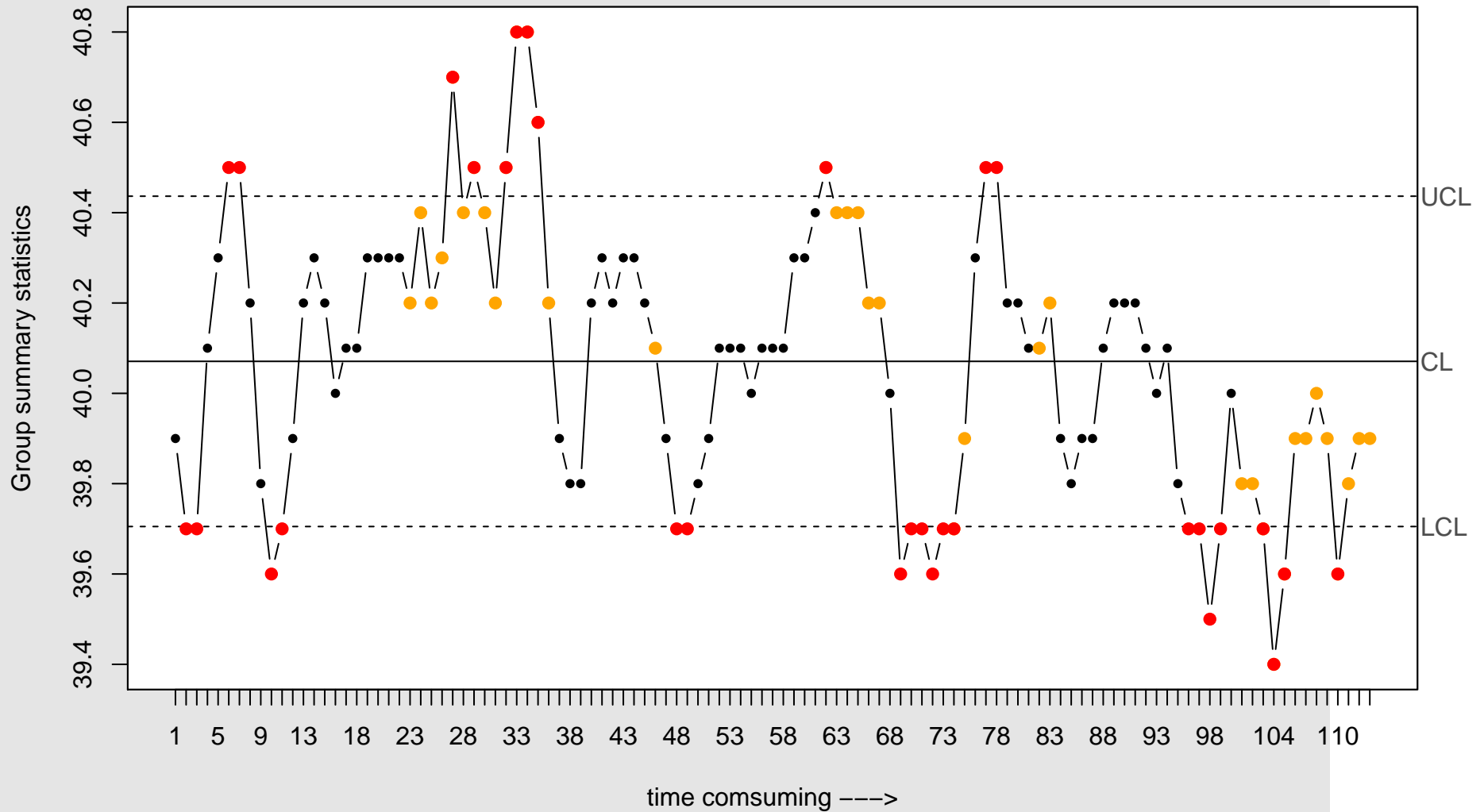


Number of groups = 113  
 Center = 40.04425  
 StdDev = 0.118731

LCL = 39.68805  
 UCL = 40.40044

Number beyond limits = 8  
 Number violating runs = 31

# 19th column point of this product



Number of groups = 113

Center = 40.0708

StdDev = 0.1218972

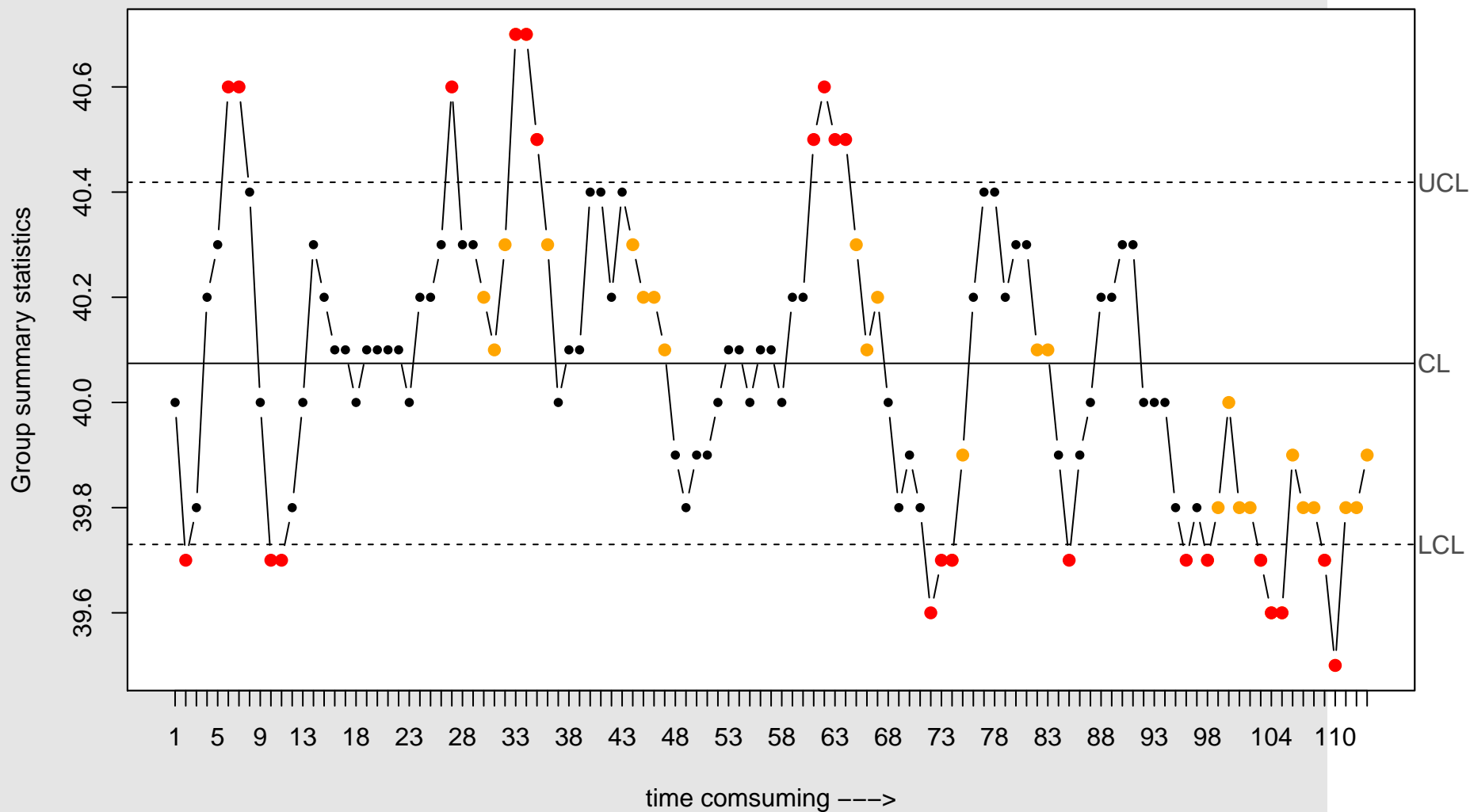
LCL = 39.7051

UCL = 40.43649

Number beyond limits = 31

Number violating runs = 38

## 20th column point of this product

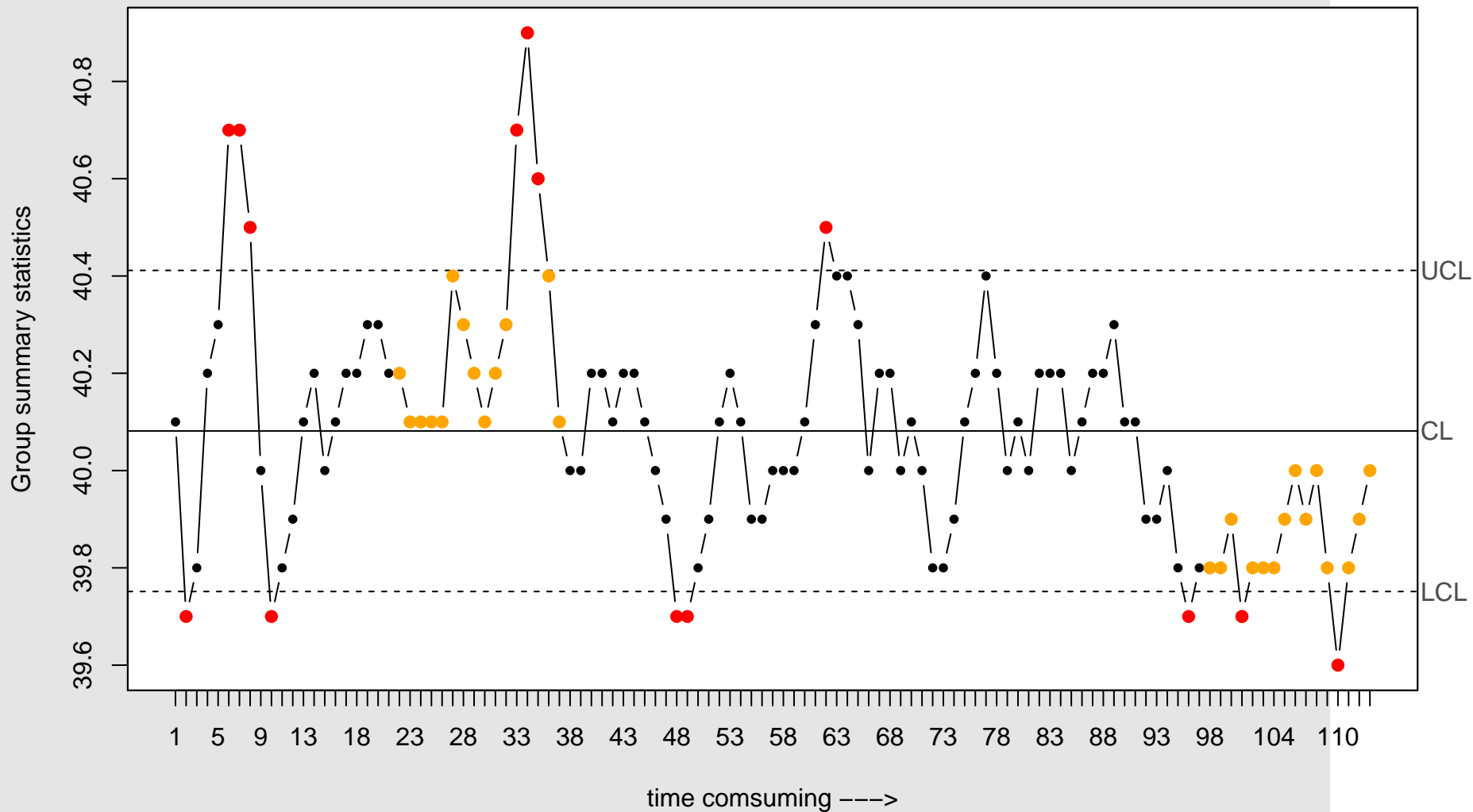


Number of groups = 113  
 Center = 40.07434  
 StdDev = 0.1147733

LCL = 39.73002  
 UCL = 40.41866

Number beyond limits = 24  
 Number violating runs = 34

## 21th column point of this product



Number of groups = 113

Center = 40.08142

StdDev = 0.1100241

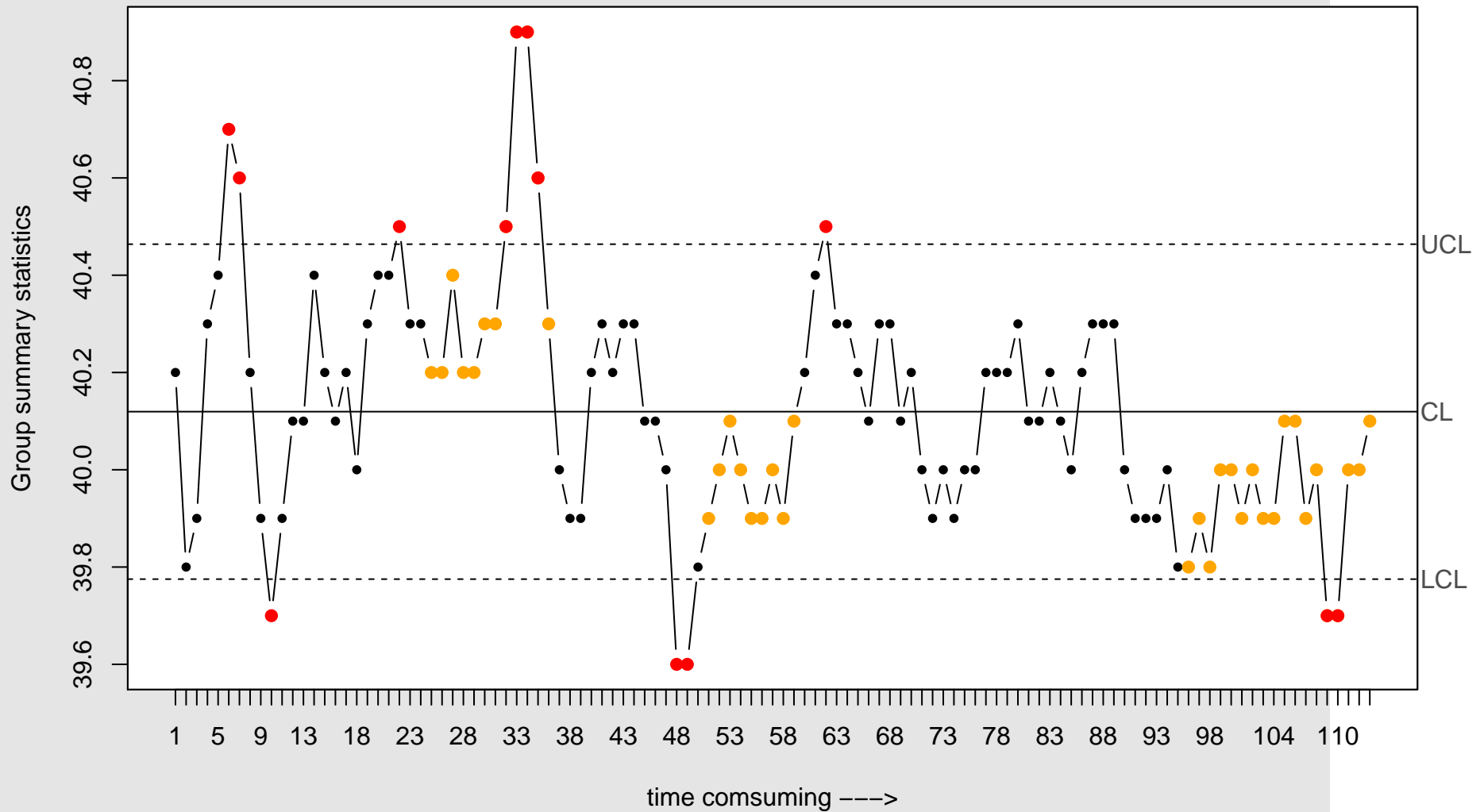
LCL = 39.75134

UCL = 40.41149

Number beyond limits = 14

Number violating runs = 32

## 22th column point of this product



Number of groups = 113

Center = 40.11947

StdDev = 0.1147733

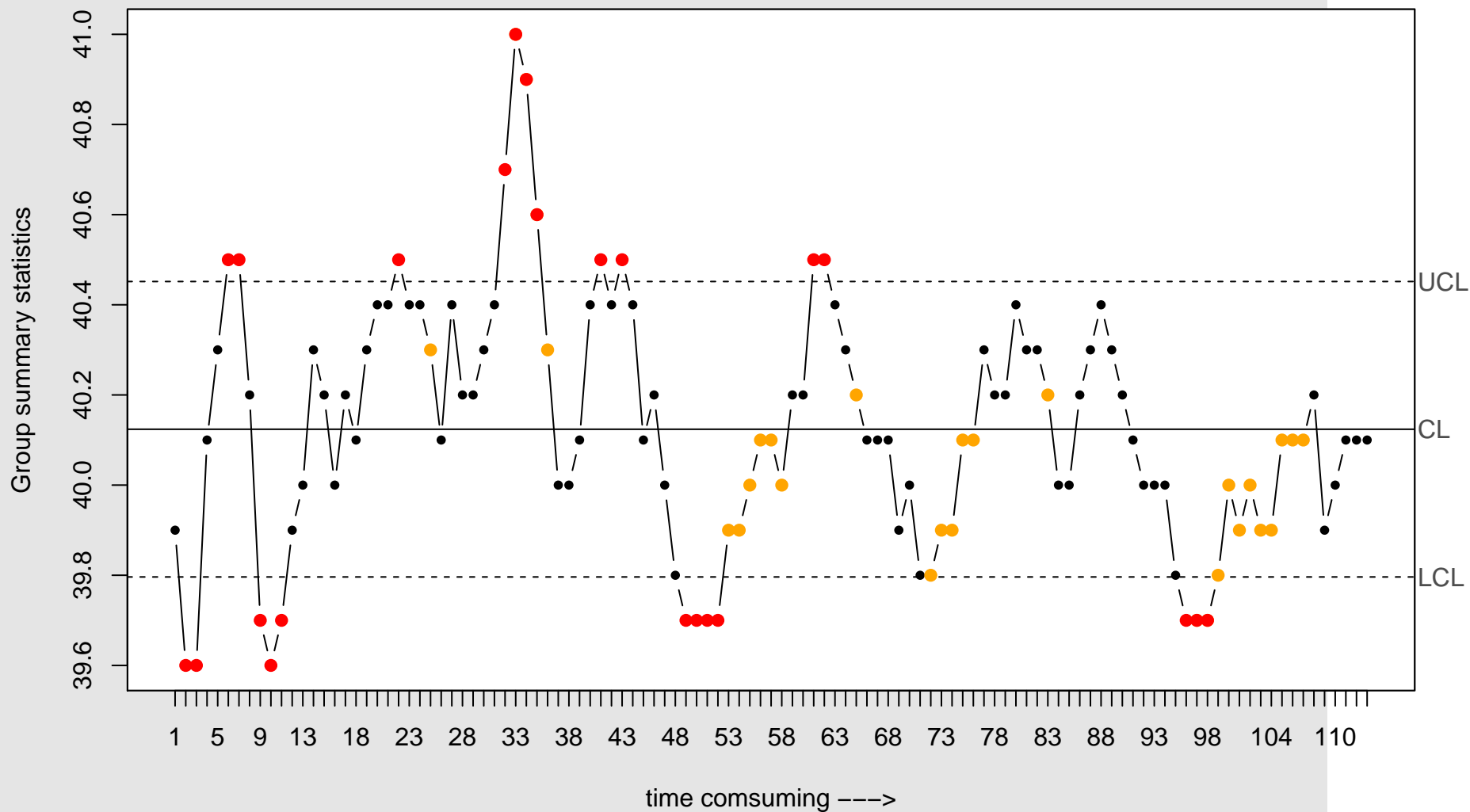
LCL = 39.77515

UCL = 40.46379

Number beyond limits = 13

Number violating runs = 39

## 23th column point of this product



Number of groups = 113

Center = 40.12389

StdDev = 0.1092325

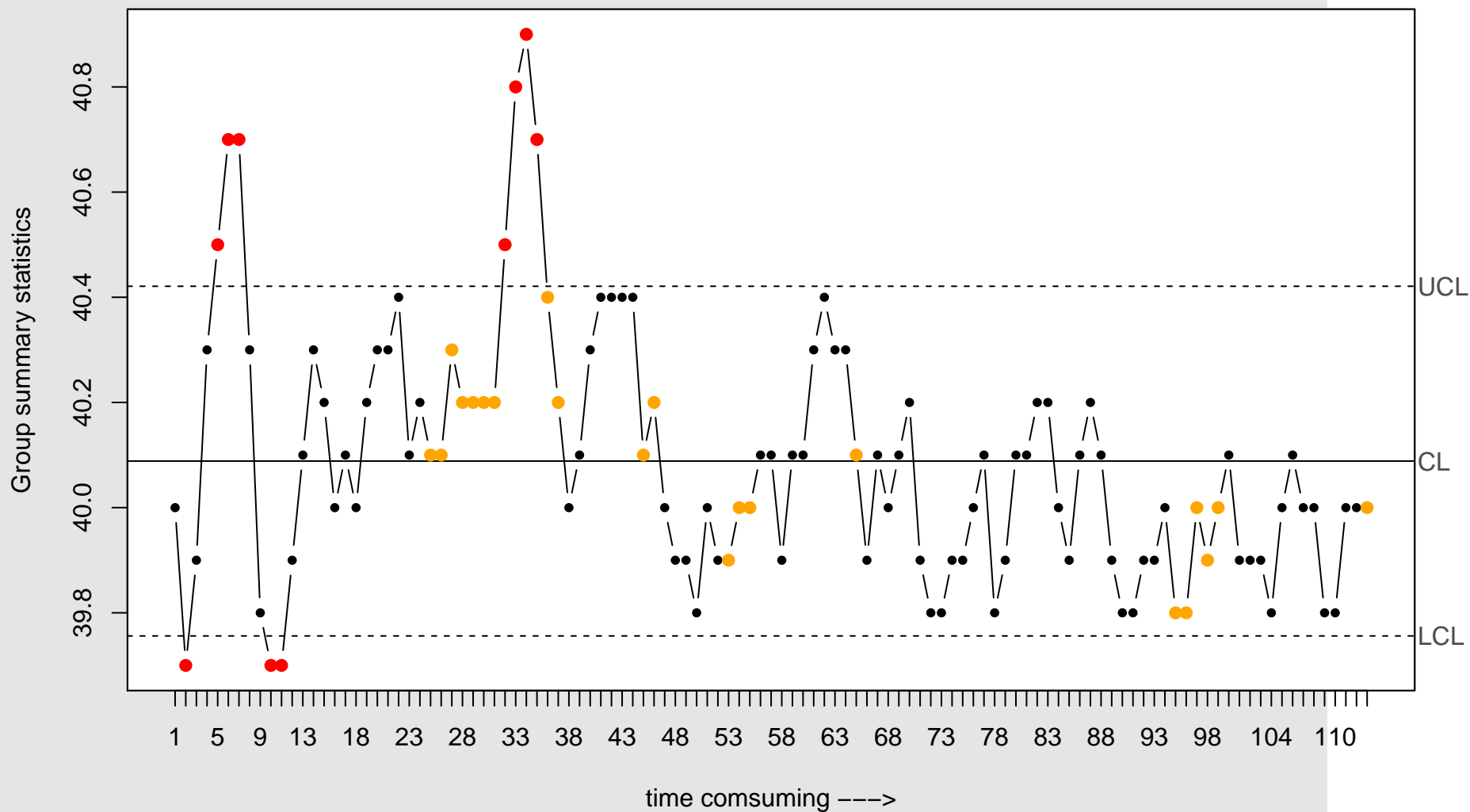
LCL = 39.7962

UCL = 40.45159

Number beyond limits = 23

Number violating runs = 29

## 24th column point of this product

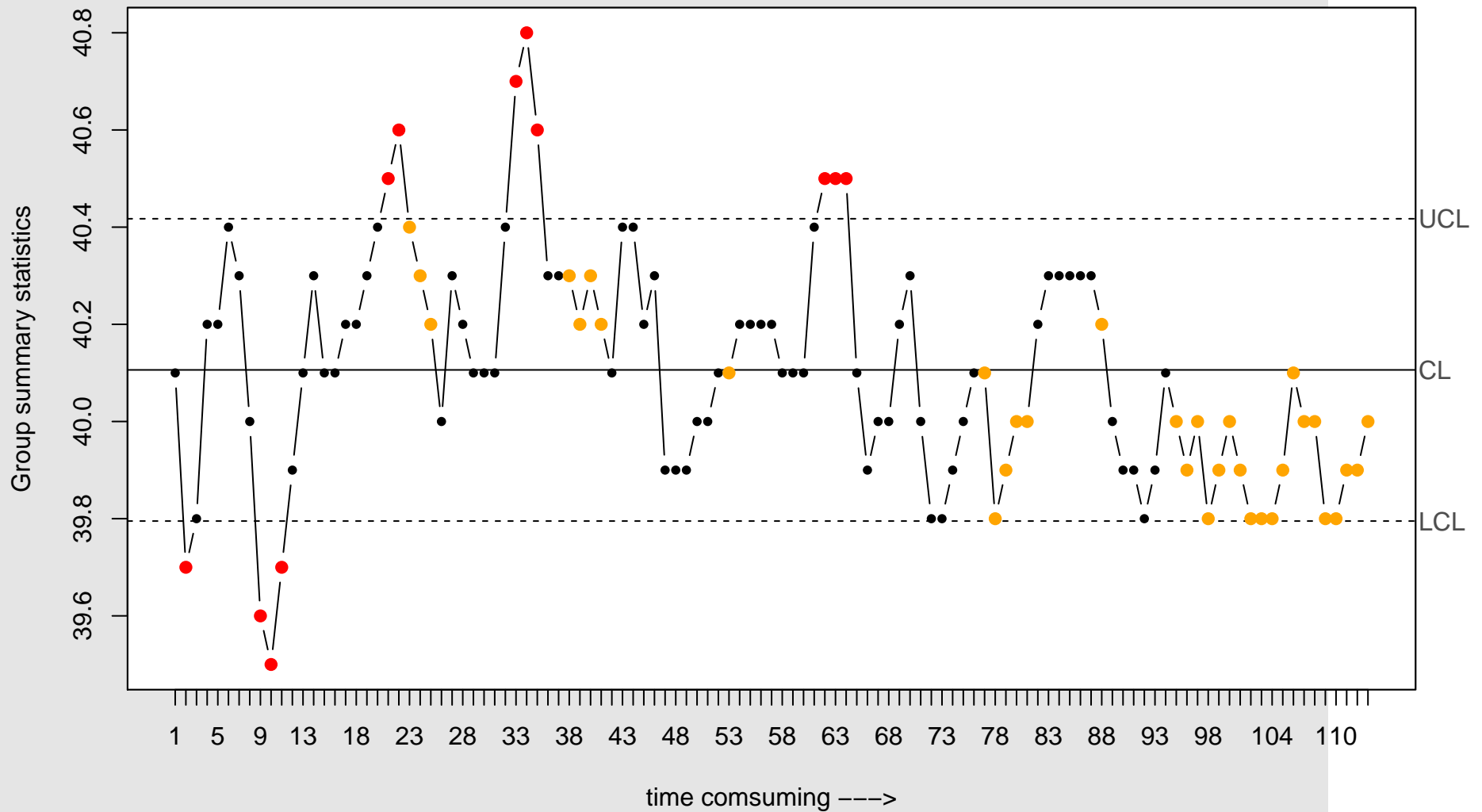


Number of groups = 113  
 Center = 40.0885  
 StdDev = 0.1108156

LCL = 39.75605  
 UCL = 40.42094

Number beyond limits = 10  
 Number violating runs = 25

## 25th column point of this product



Number of groups = 113

Center = 40.10619

StdDev = 0.1036917

LCL = 39.79512

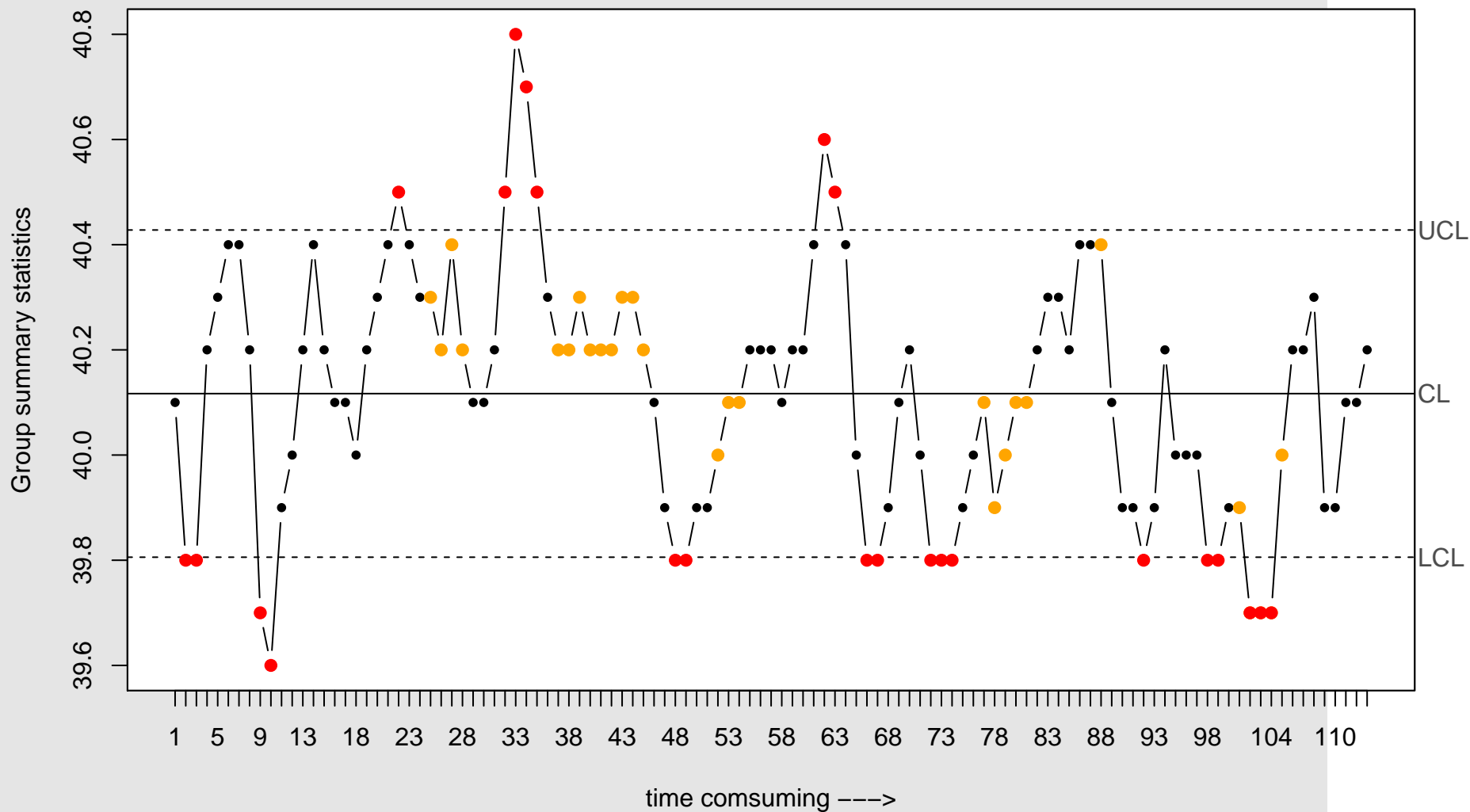
UCL = 40.41727

Number beyond limits = 12

Number violating runs = 33



## 26th column point of this product

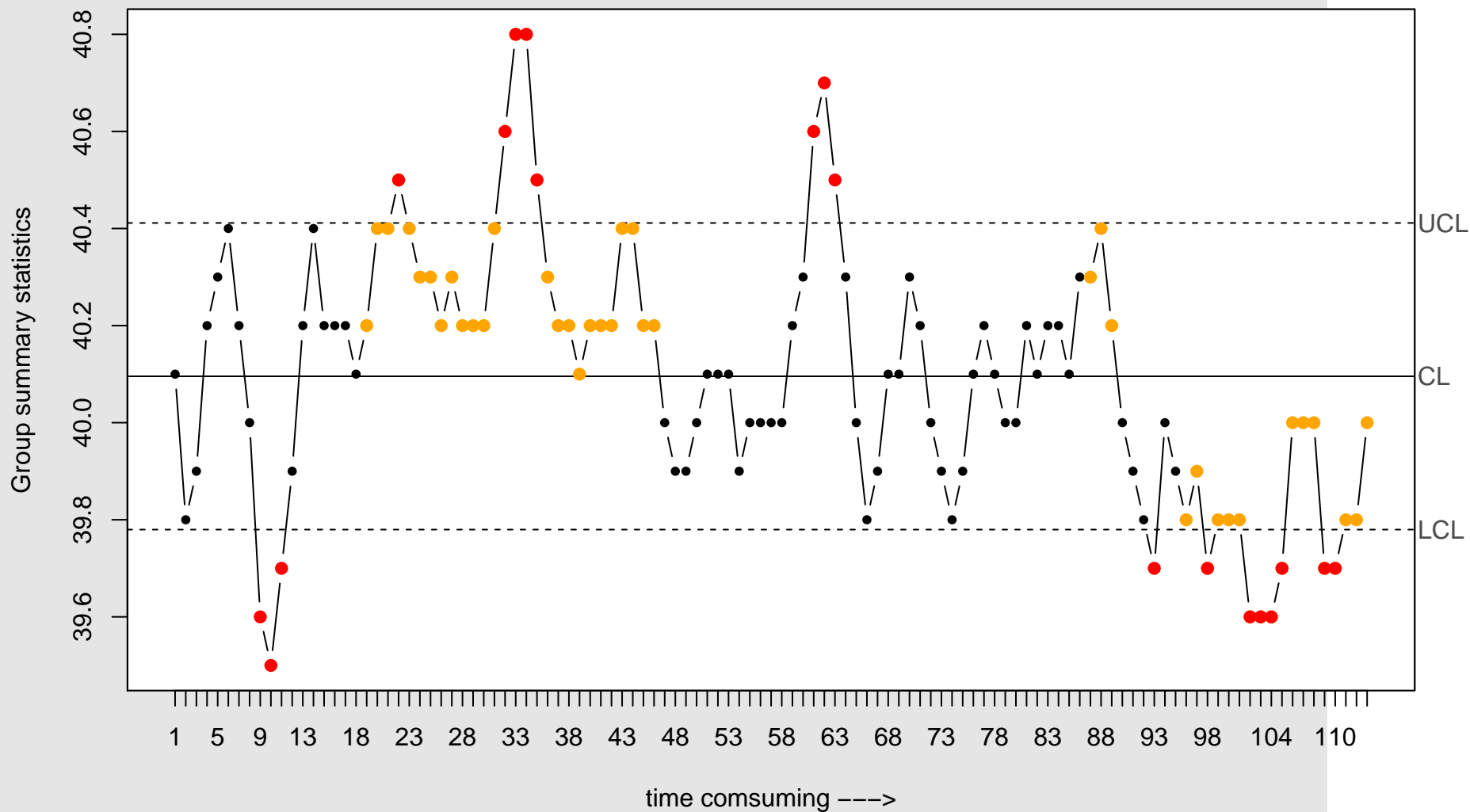


Number of groups = 113  
 Center = 40.11681  
 StdDev = 0.1036917

LCL = 39.80574  
 UCL = 40.42789

Number beyond limits = 24  
 Number violating runs = 27

## 27th column point of this product



Number of groups = 113

Center = 40.09558

StdDev = 0.1052748

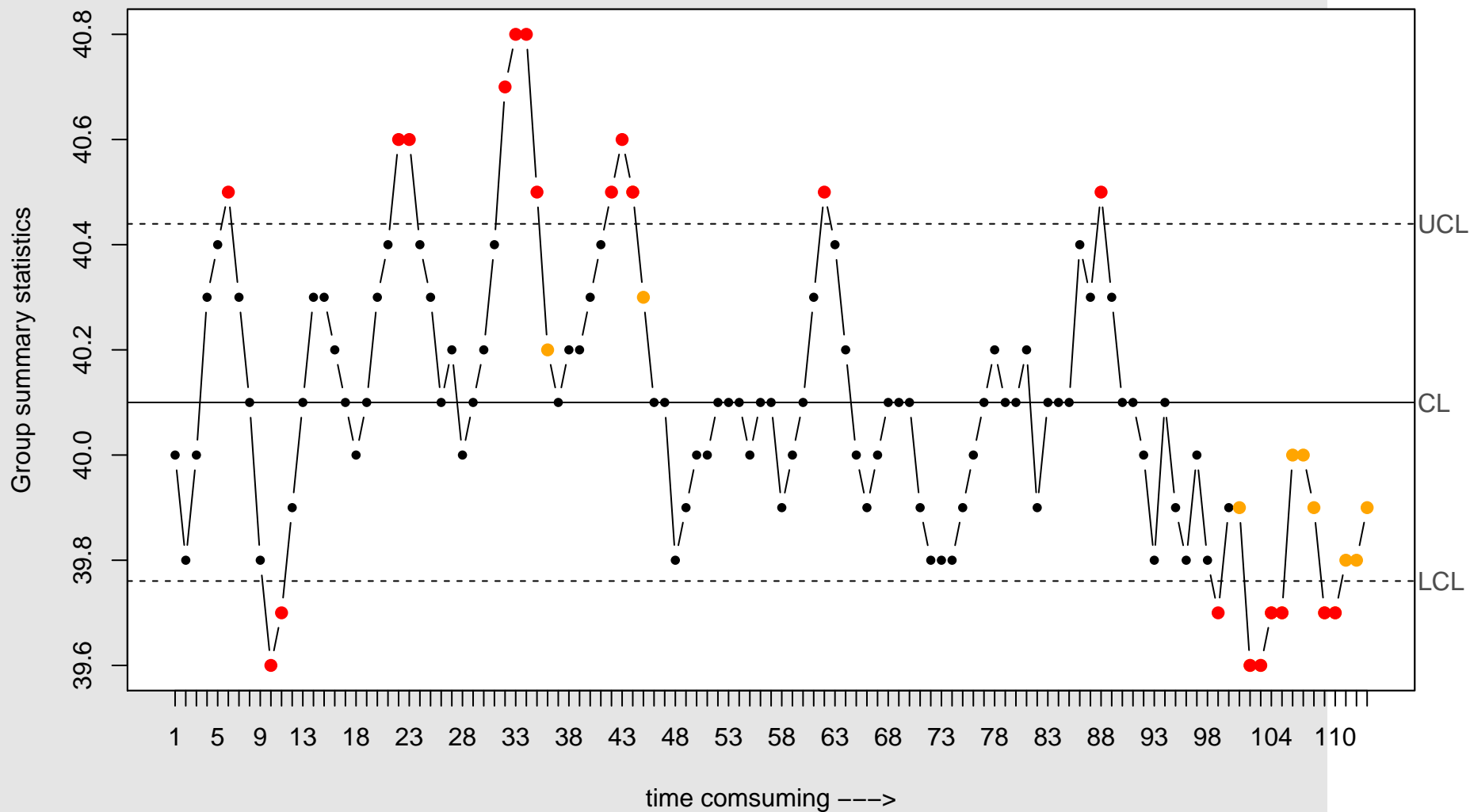
LCL = 39.77975

UCL = 40.4114

Number beyond limits = 19

Number violating runs = 49

## 28th column point of this product



Number of groups = 113

Center = 40.1

StdDev = 0.1131902

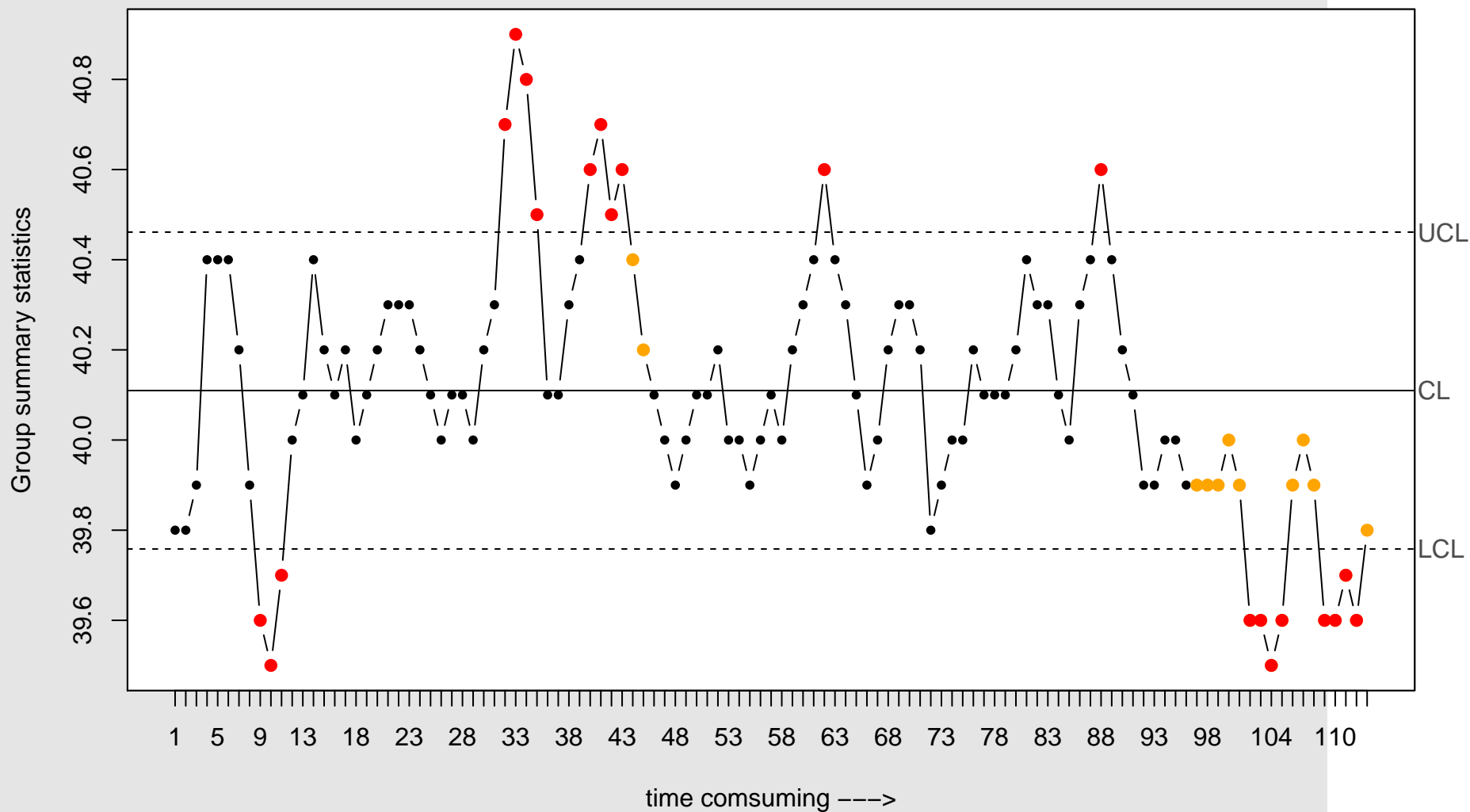
LCL = 39.76043

UCL = 40.43957

Number beyond limits = 21

Number violating runs = 16

## 29th column point of this product



Number of groups = 113

Center = 40.10973

StdDev = 0.1171479

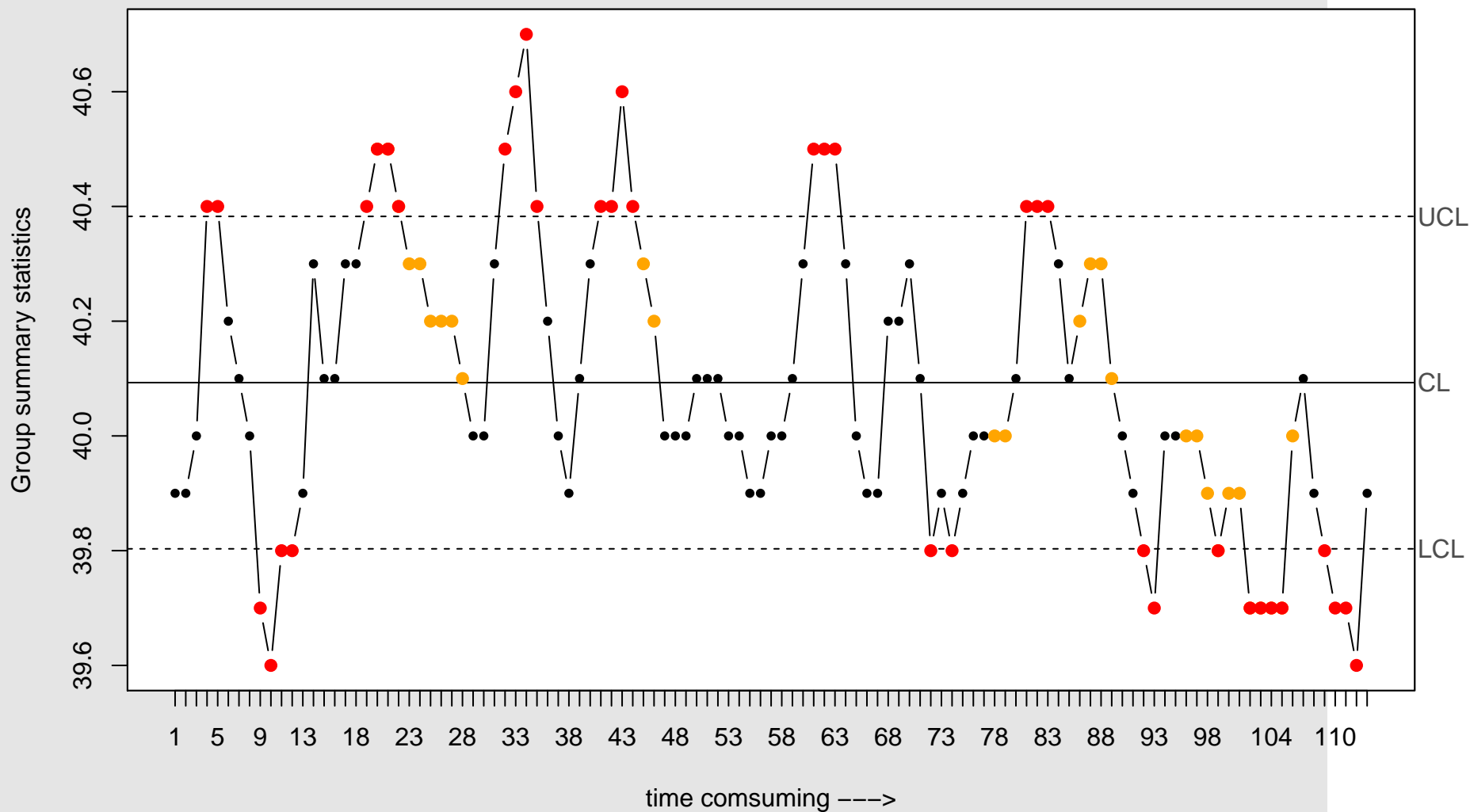
LCL = 39.75829

UCL = 40.46118

Number beyond limits = 21

Number violating runs = 19

### 30th column point of this product

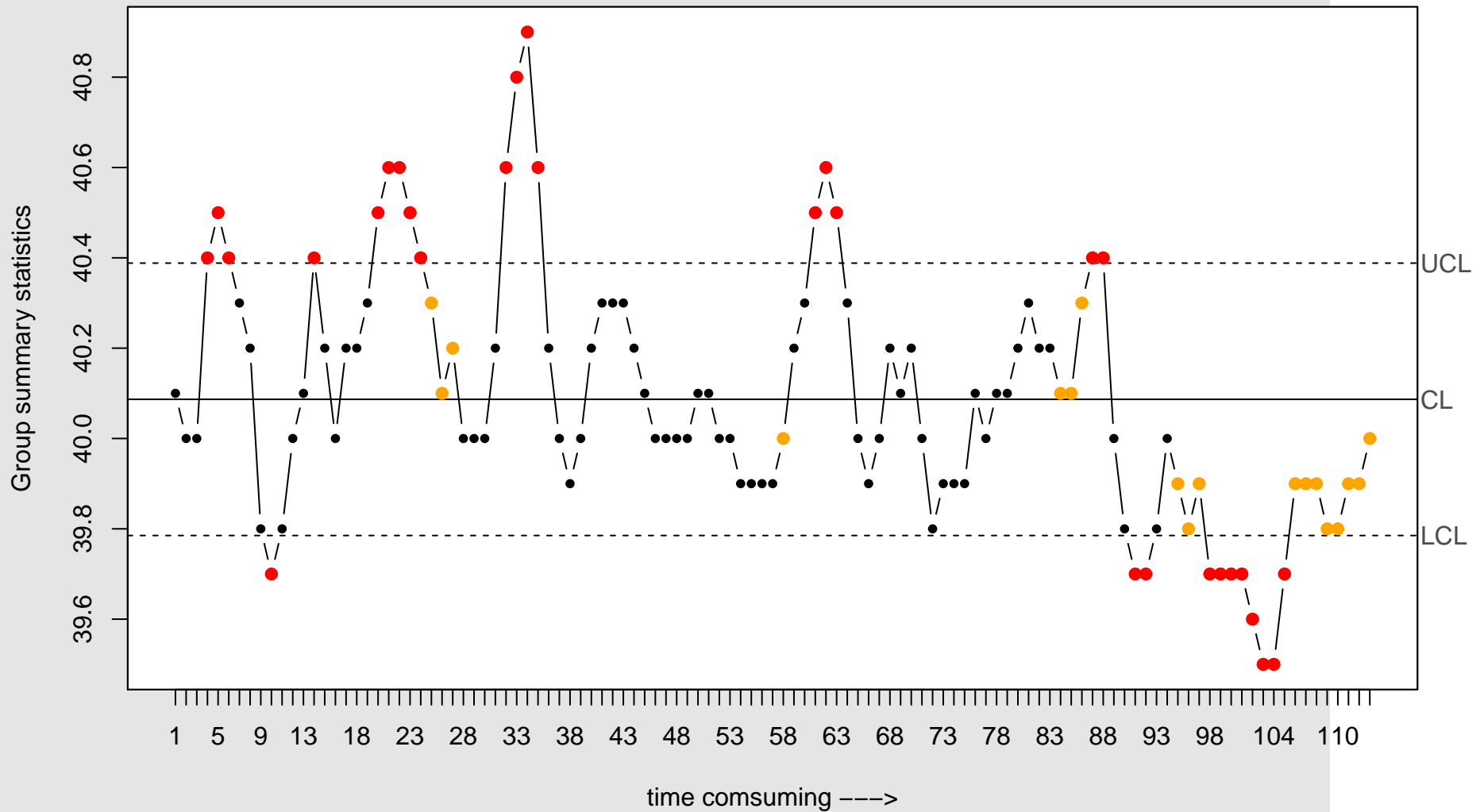


Number of groups = 113  
 Center = 40.09292  
 StdDev = 0.09656788

LCL = 39.80322  
 UCL = 40.38262

Number beyond limits = 37  
 Number violating runs = 28

### 31th column point of this product



Number of groups = 113

Center = 40.08673

StdDev = 0.1005256

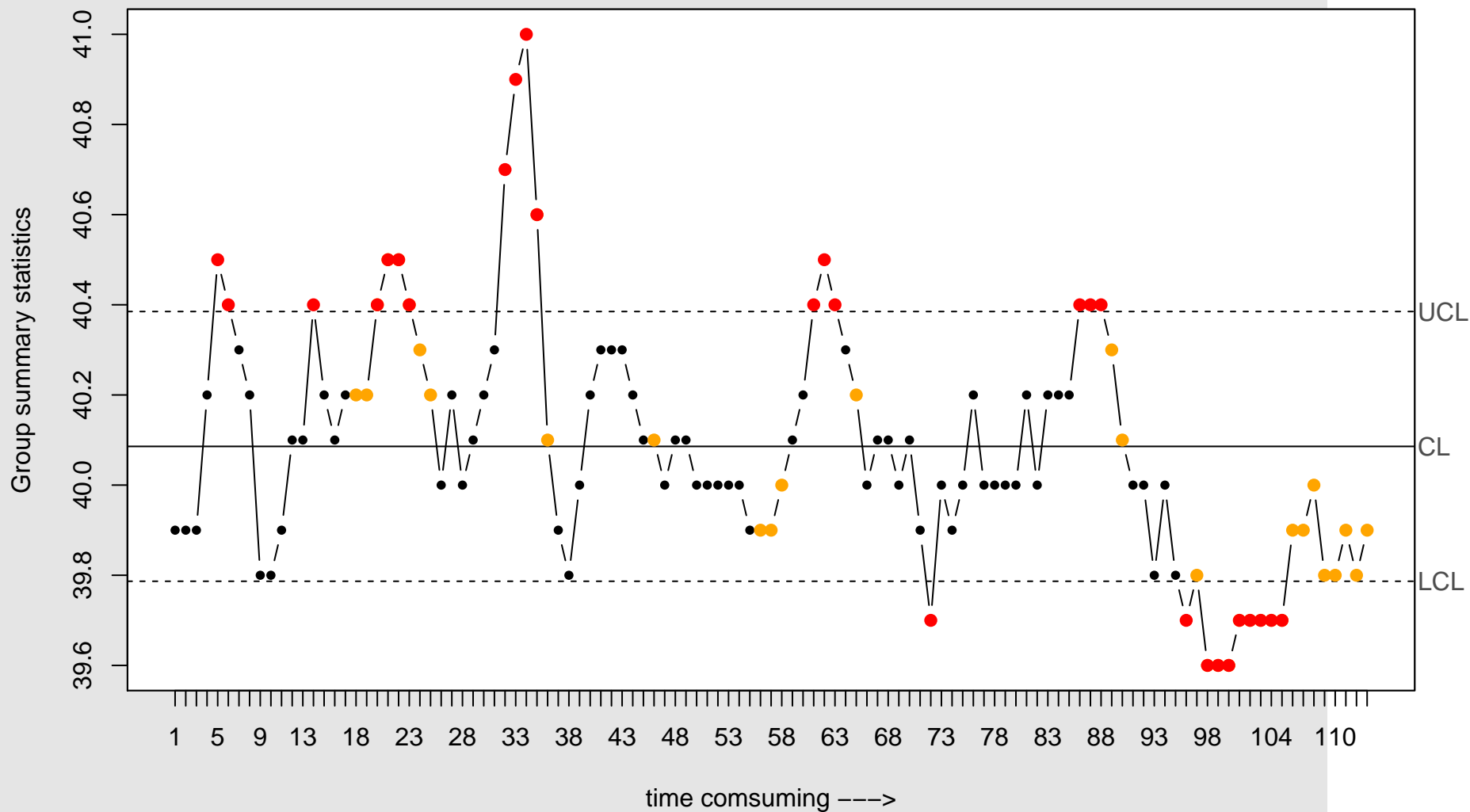
LCL = 39.78515

UCL = 40.3883

Number beyond limits = 29

Number violating runs = 30

### 32th column point of this product

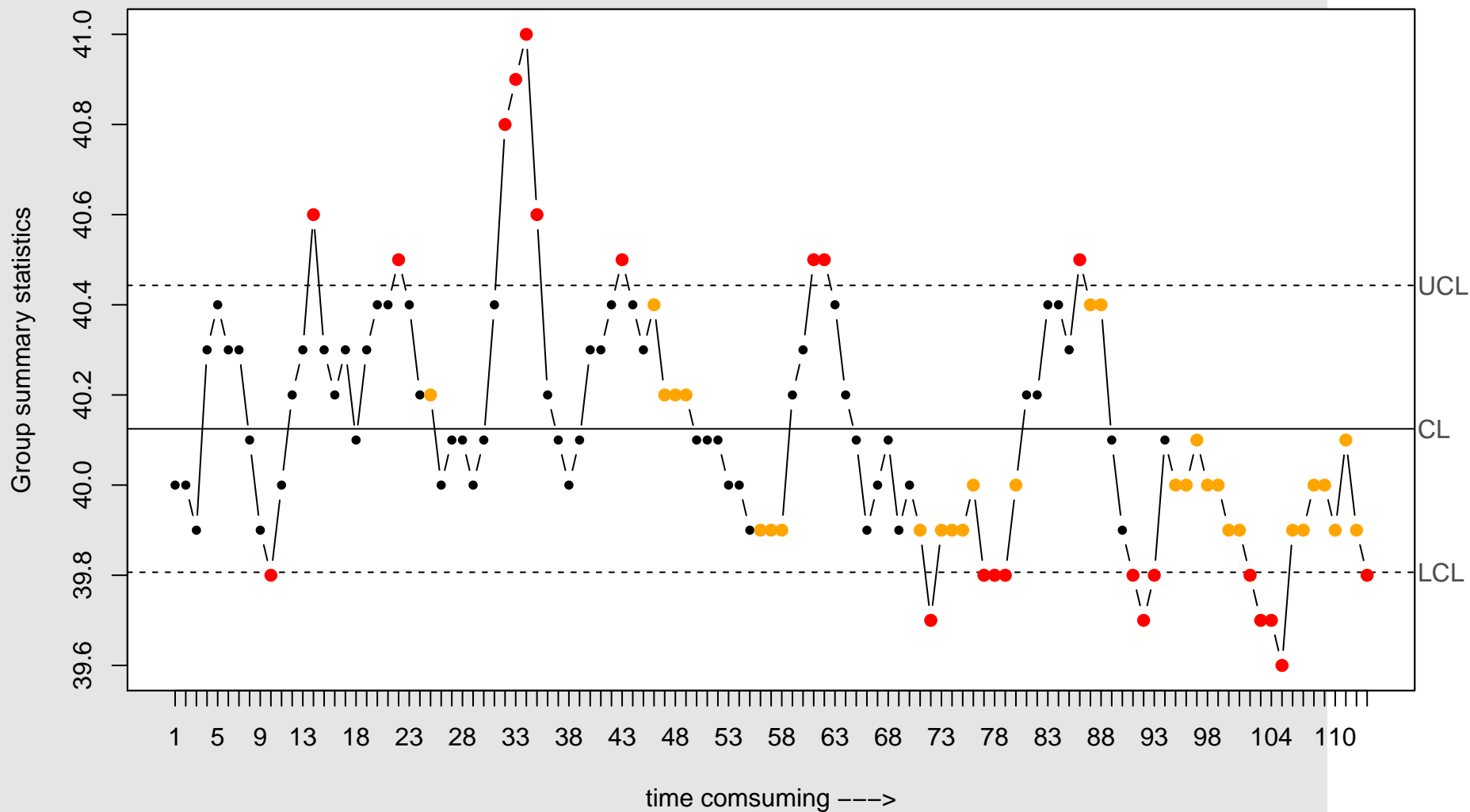


Number of groups = 113  
 Center = 40.08584  
 StdDev = 0.09973404

LCL = 39.78664  
 UCL = 40.38504

Number beyond limits = 27  
 Number violating runs = 34

### 33th column point of this product



Number of groups = 113

Center = 40.12478

StdDev = 0.1060664

LCL = 39.80658

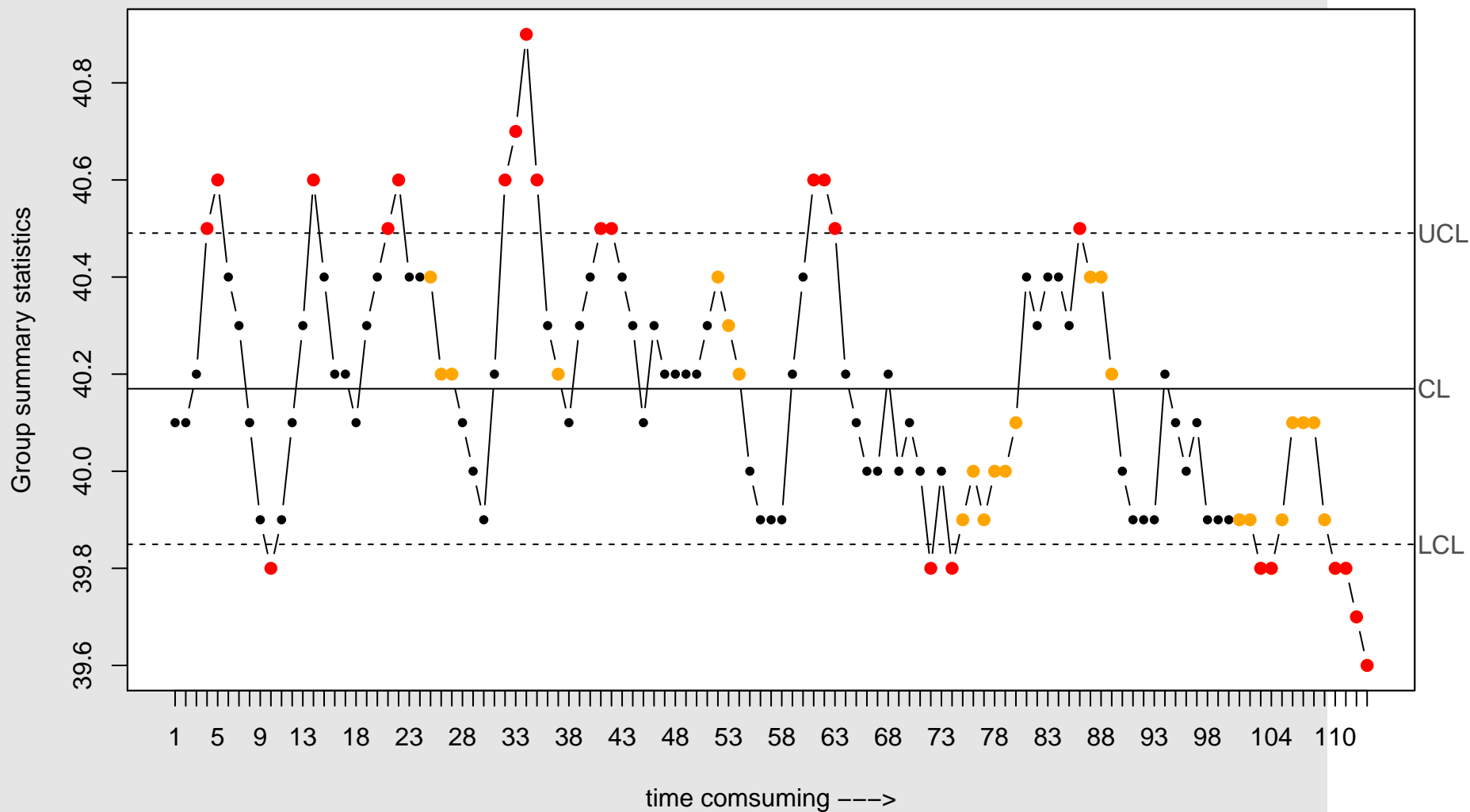
UCL = 40.44298

Number beyond limits = 23

Number violating runs = 39



### 34th column point of this product



Number of groups = 113

Center = 40.16991

StdDev = 0.1068579

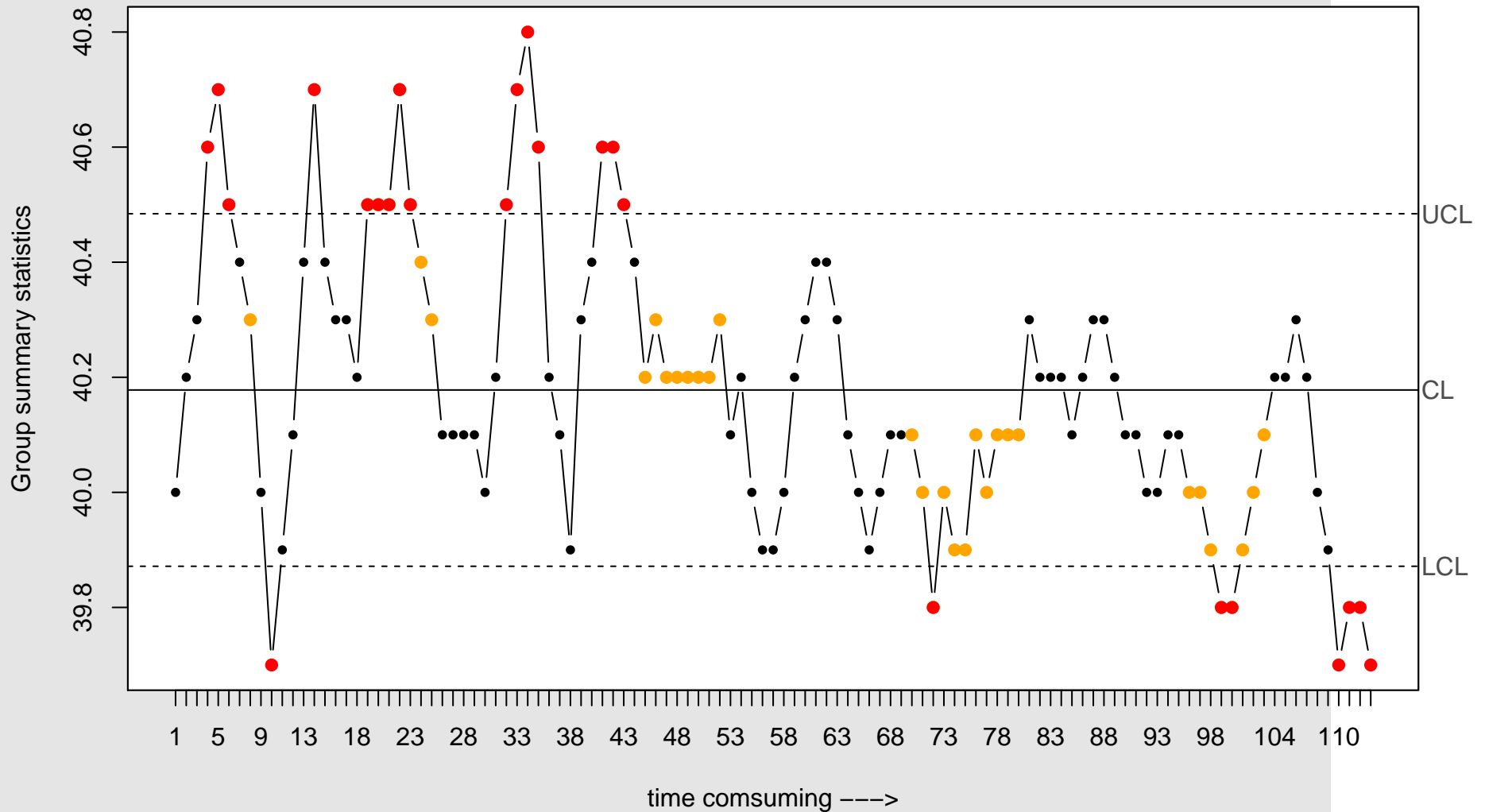
LCL = 39.84934

UCL = 40.49049

Number beyond limits = 24

Number violating runs = 29

### 35th column point of this product



Number of groups = 113

Center = 40.17788

StdDev = 0.1021087

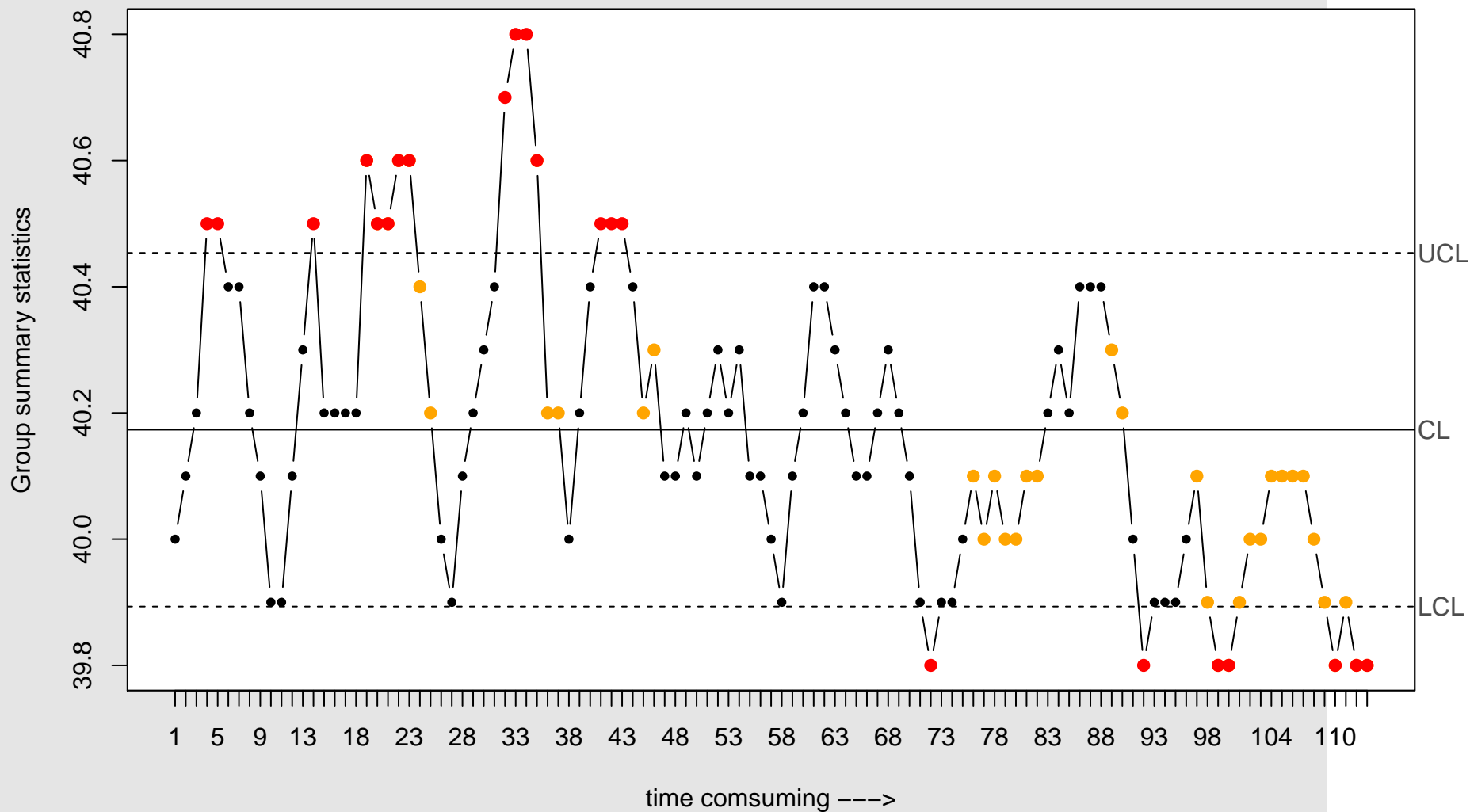
LCL = 39.87155

UCL = 40.4842

Number beyond limits = 24

Number violating runs = 35

### 36th column point of this product



Number of groups = 113

Center = 40.17345

StdDev = 0.09340172

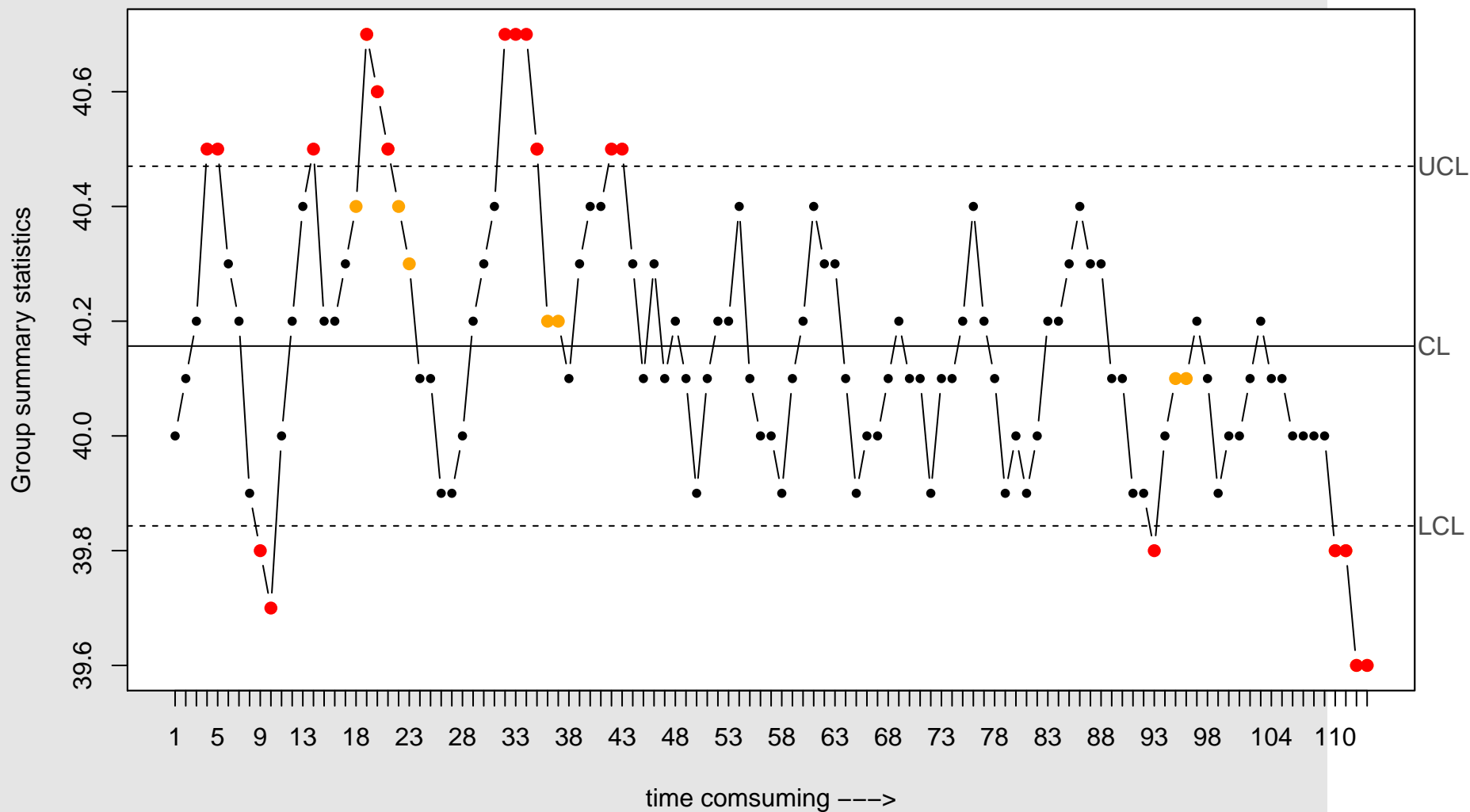
LCL = 39.89325

UCL = 40.45366

Number beyond limits = 22

Number violating runs = 38

### 37th column point of this product

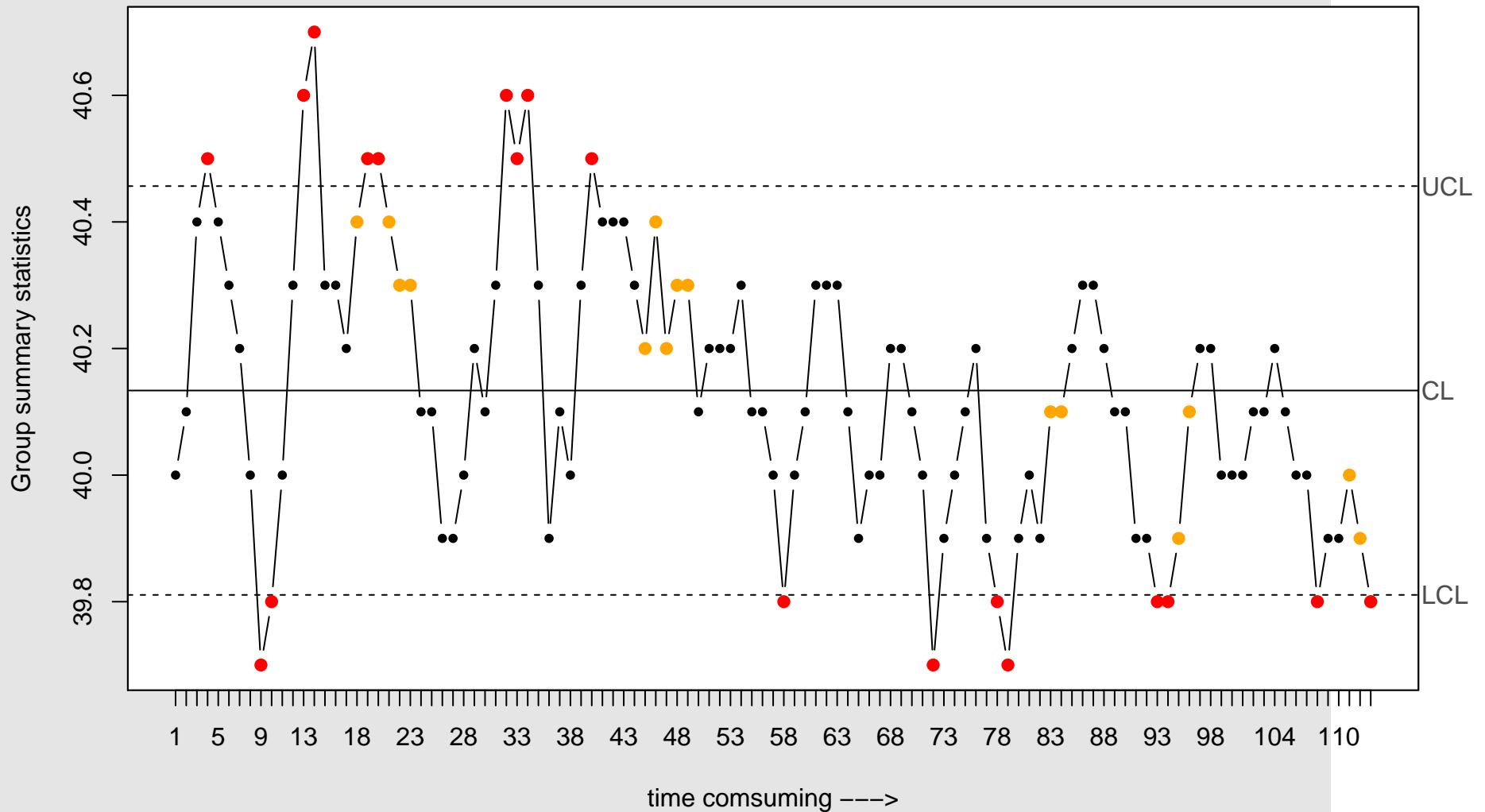


Number of groups = 113  
 Center = 40.15664  
 StdDev = 0.1044833

LCL = 39.84319  
 UCL = 40.47009

Number beyond limits = 19  
 Number violating runs = 15

### 38th column point of this product



Number of groups = 113

Center = 40.13363

StdDev = 0.1076494

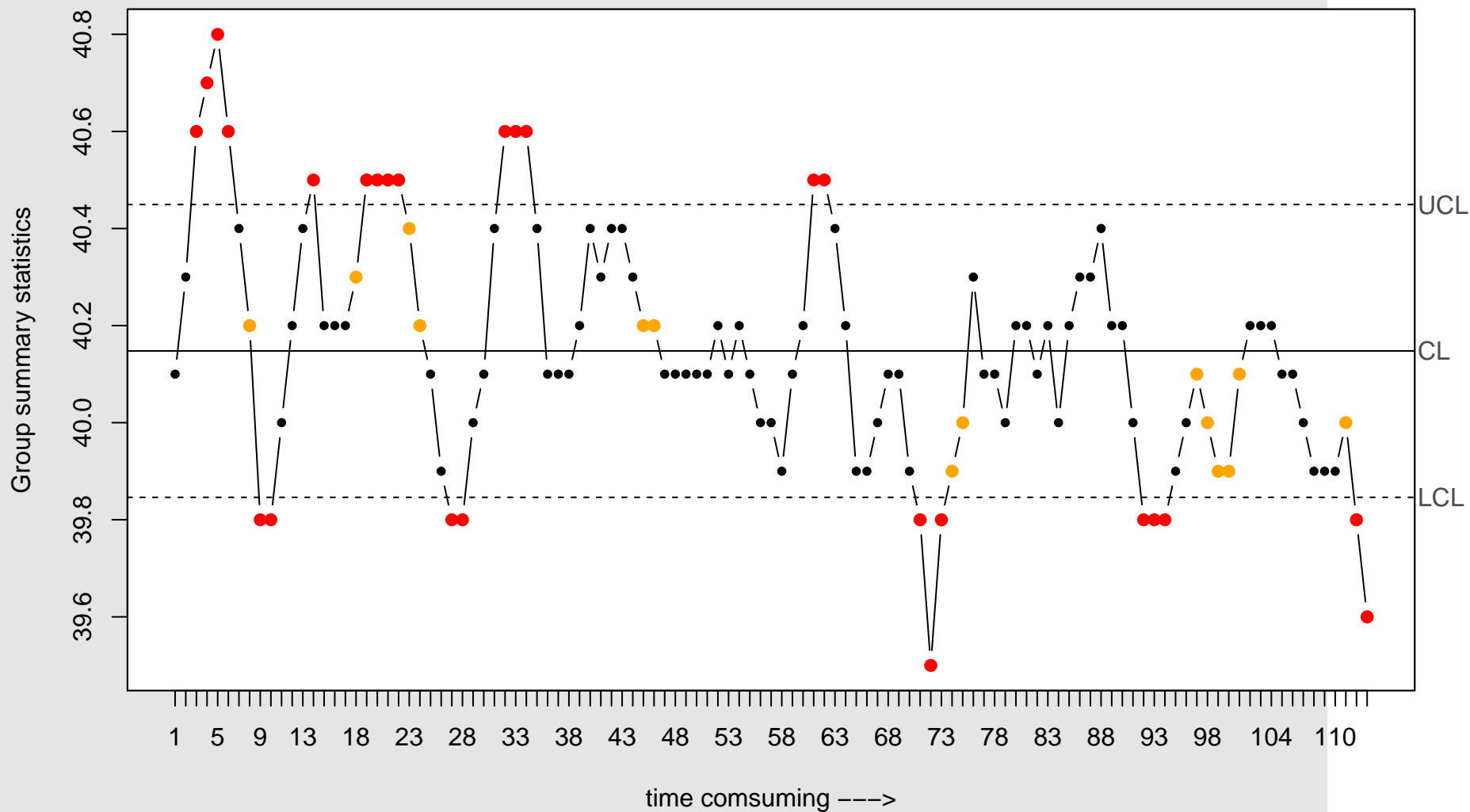
LCL = 39.81068

UCL = 40.45658

Number beyond limits = 19

Number violating runs = 18

### 39th column point of this product



Number of groups = 113

Center = 40.14779

StdDev = 0.1005256

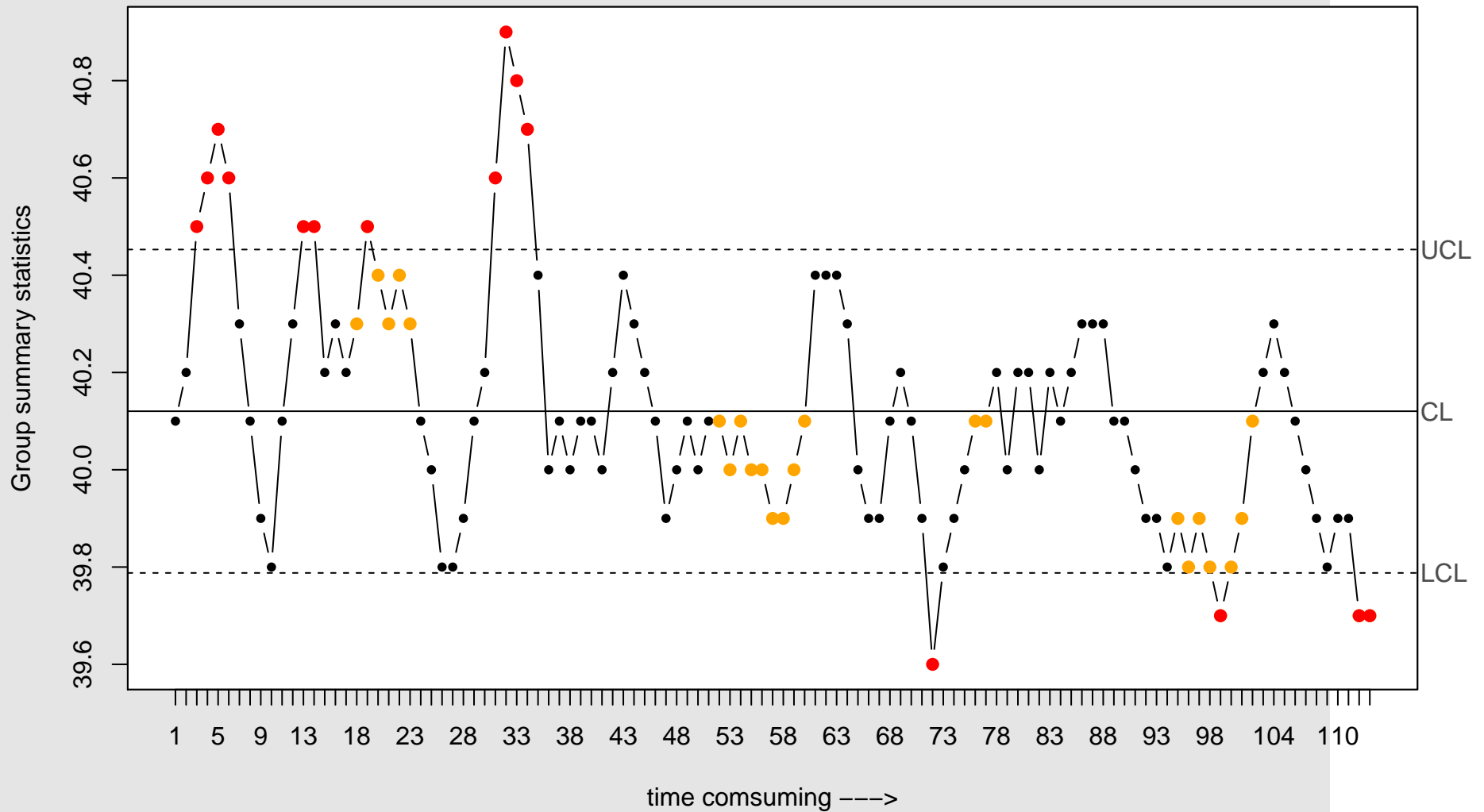
LCL = 39.84621

UCL = 40.44936

Number beyond limits = 26

Number violating runs = 23

# 40th column point of this product



Number of groups = 113

Center = 40.12035

StdDev = 0.1108156

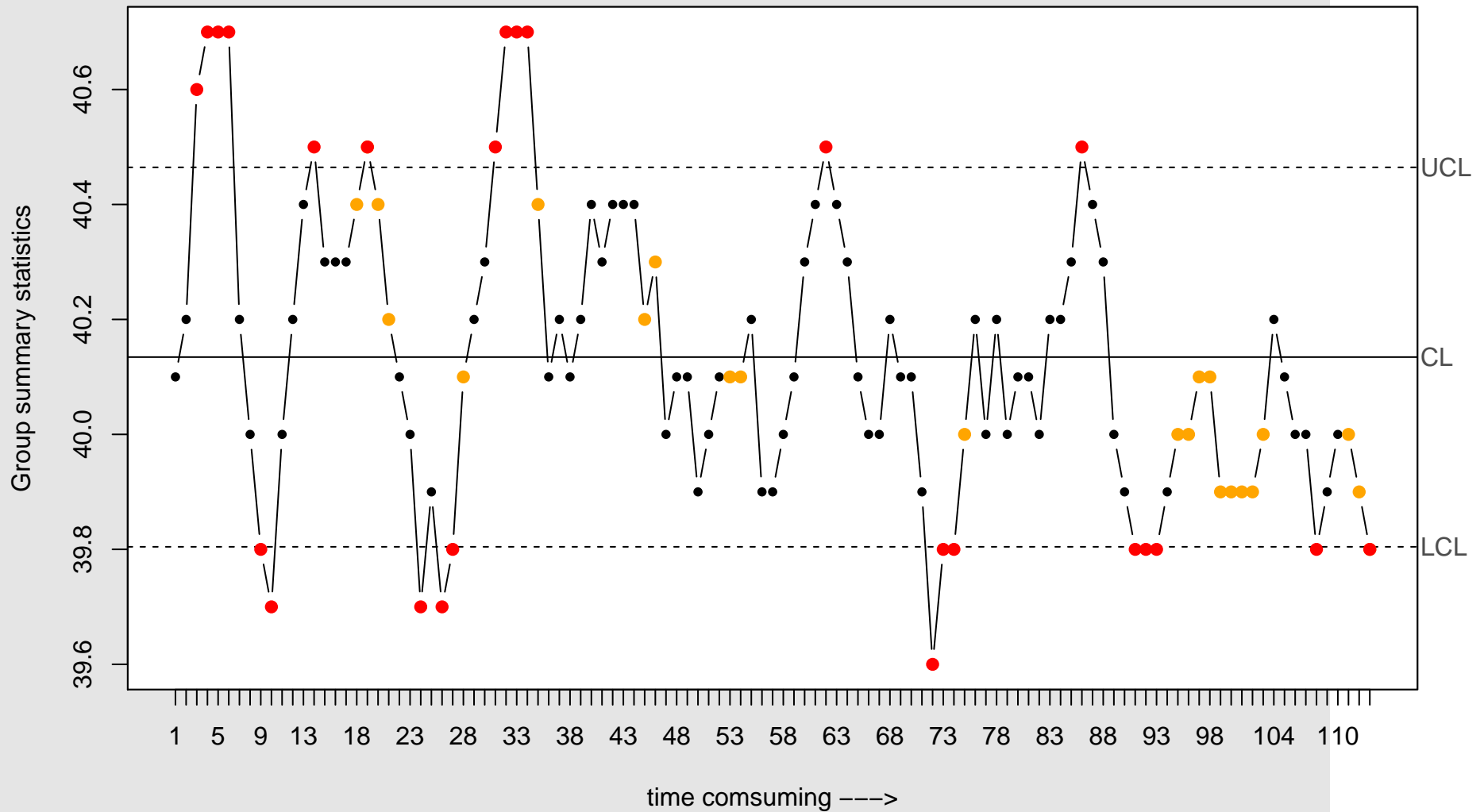
LCL = 39.78791

UCL = 40.4528

Number beyond limits = 15

Number violating runs = 27

# 41th column point of this product



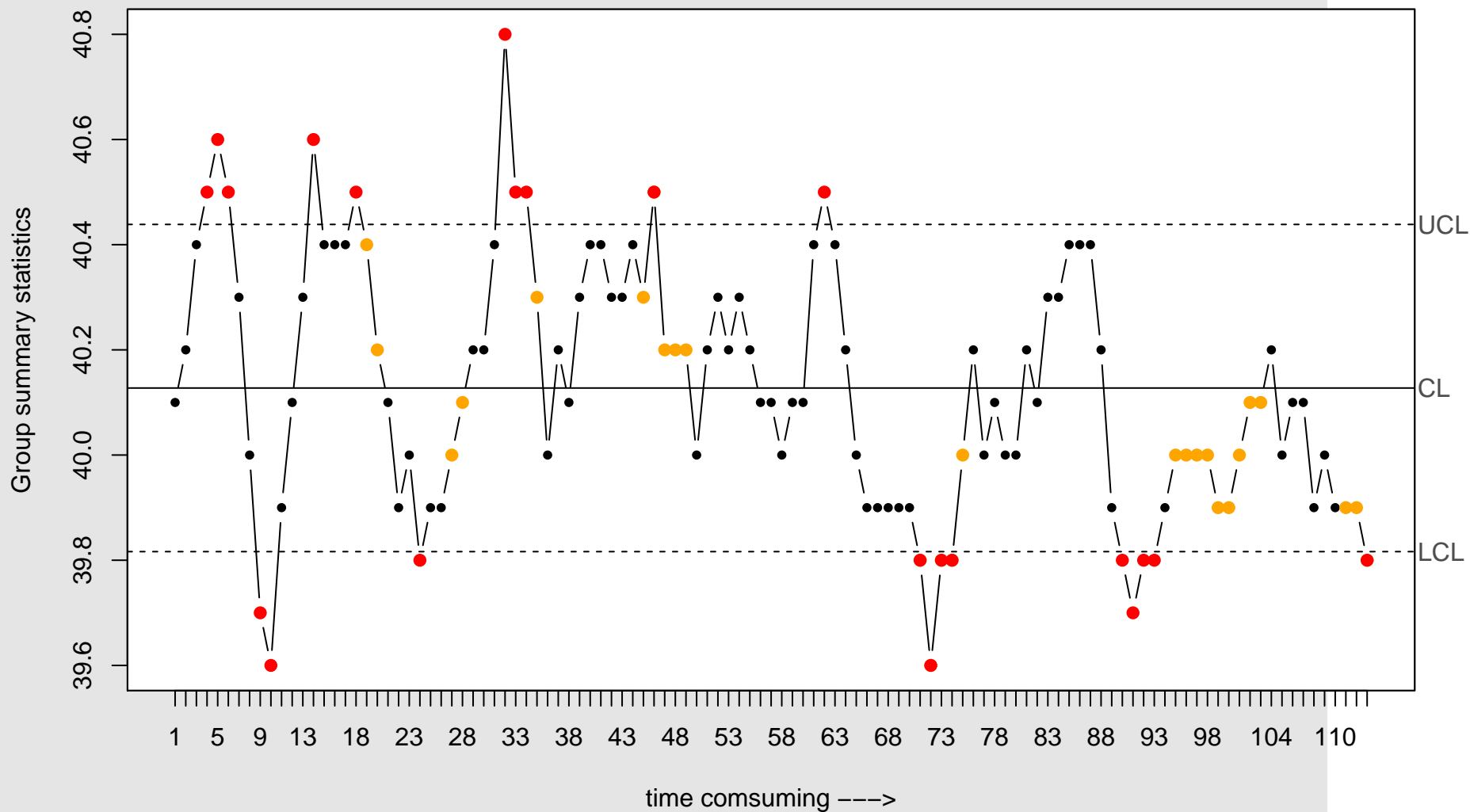
Number of groups = 113  
 Center = 40.13451  
 StdDev = 0.1100241

LCL = 39.80444  
 UCL = 40.46459

Number beyond limits = 25  
 Number violating runs = 23



# 42th column point of this product

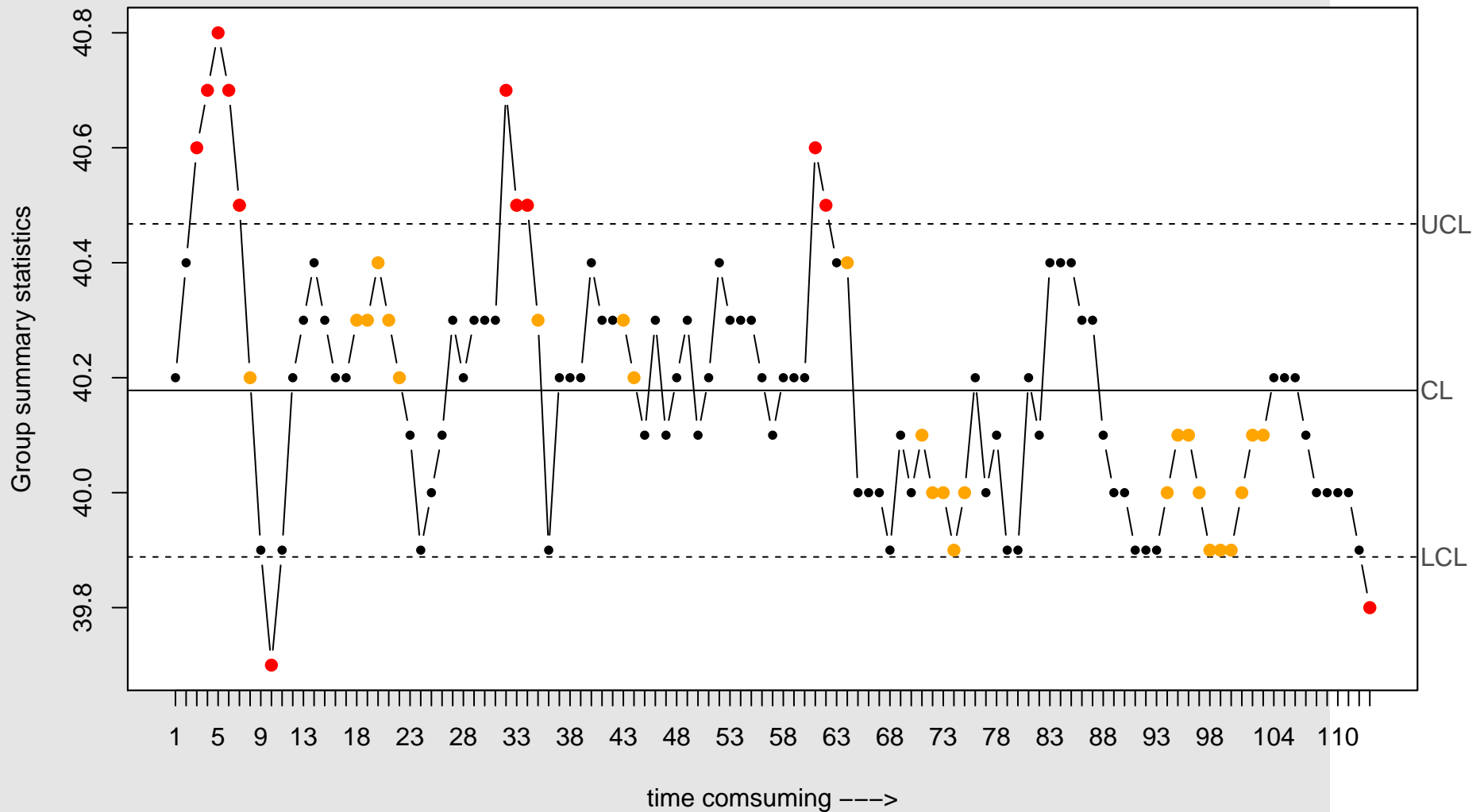


Number of groups = 113  
 Center = 40.12743  
 StdDev = 0.1036917

LCL = 39.81636  
 UCL = 40.43851

Number beyond limits = 22  
 Number violating runs = 27

### 43th column point of this product



Number of groups = 113

Center = 40.17788

StdDev = 0.09656788

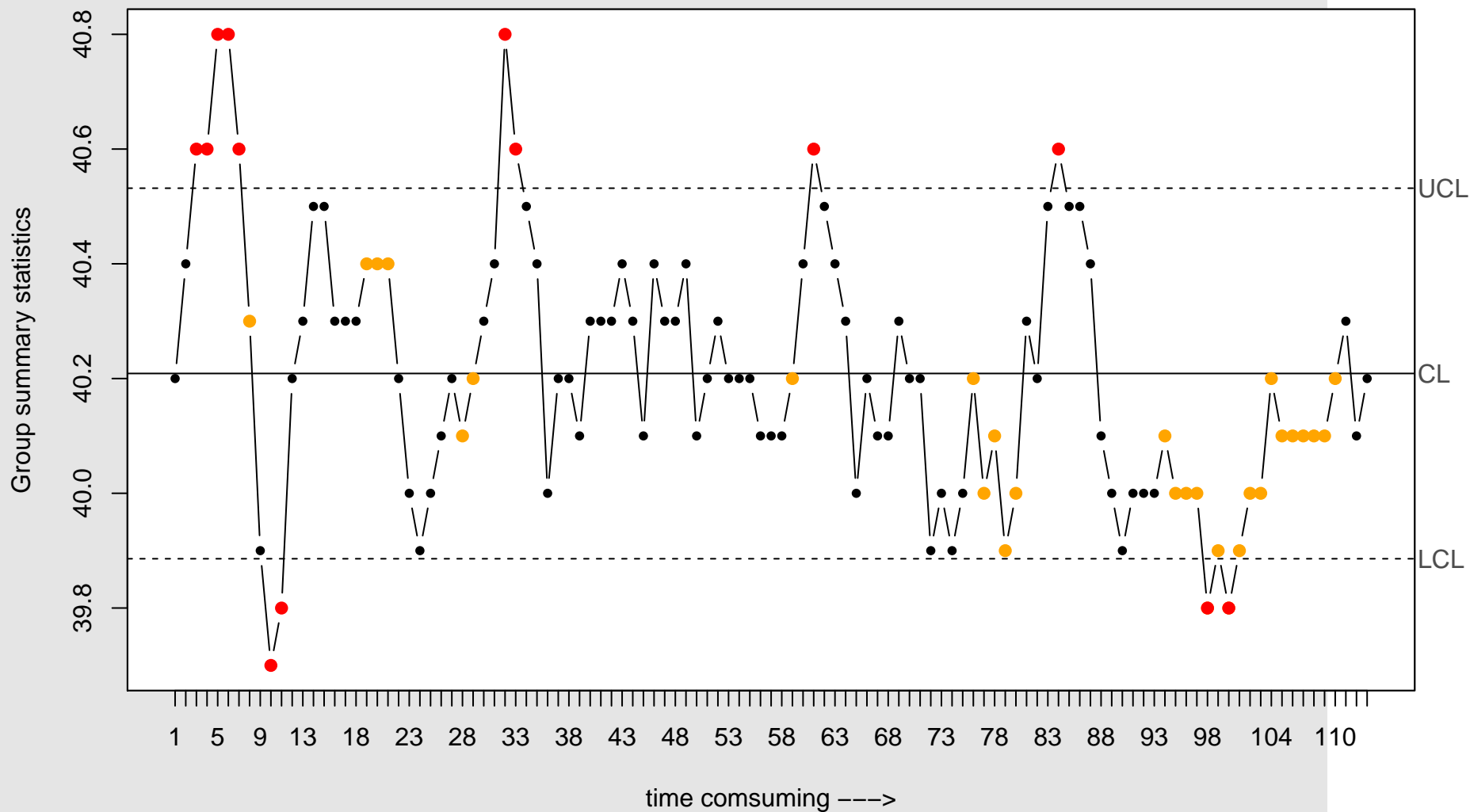
LCL = 39.88817

UCL = 40.46758

Number beyond limits = 12

Number violating runs = 29

# 44th column point of this product



Number of groups = 113

Center = 40.20885

StdDev = 0.1076494

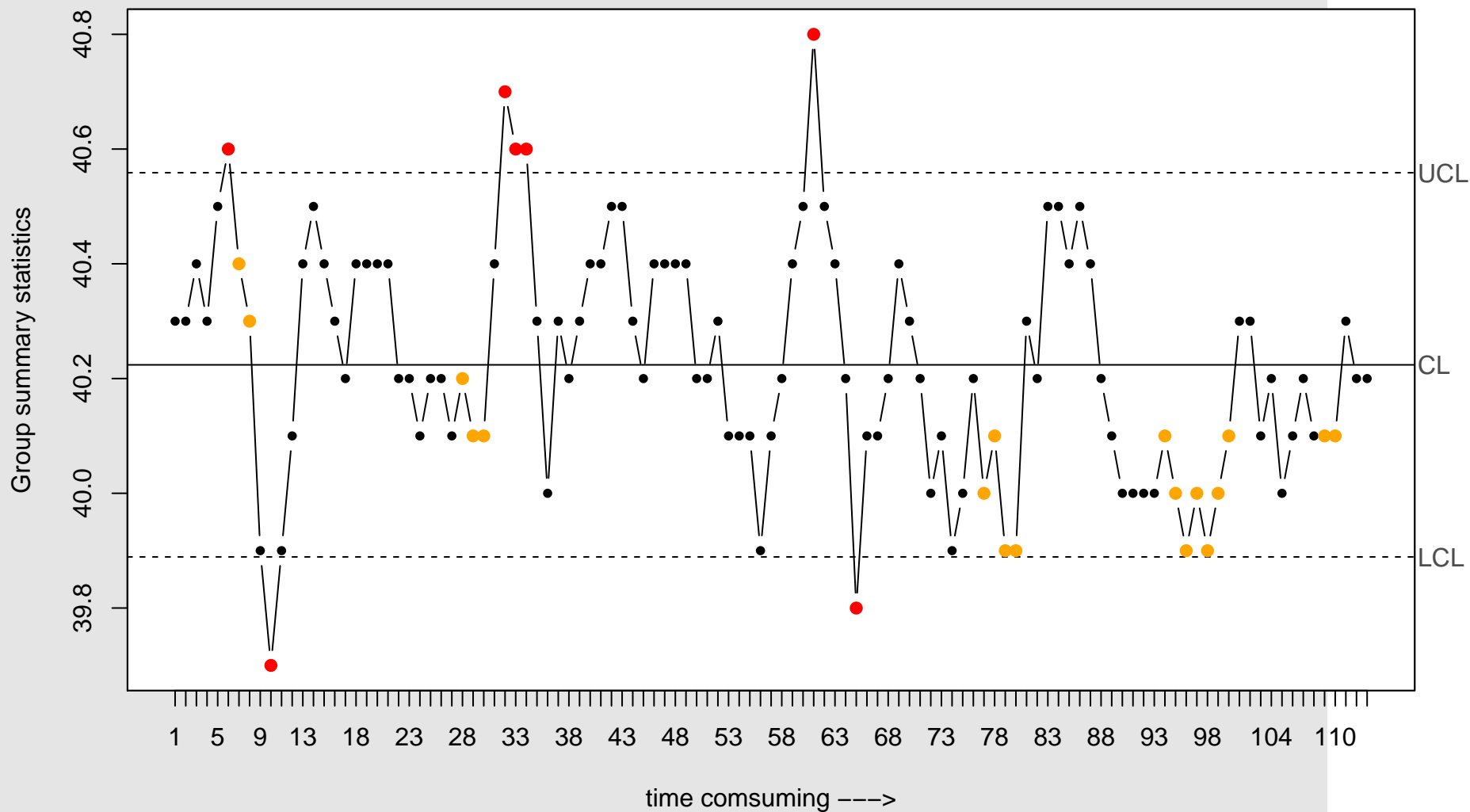
LCL = 39.8859

UCL = 40.5318

Number beyond limits = 13

Number violating runs = 29

# 45th column point of this product

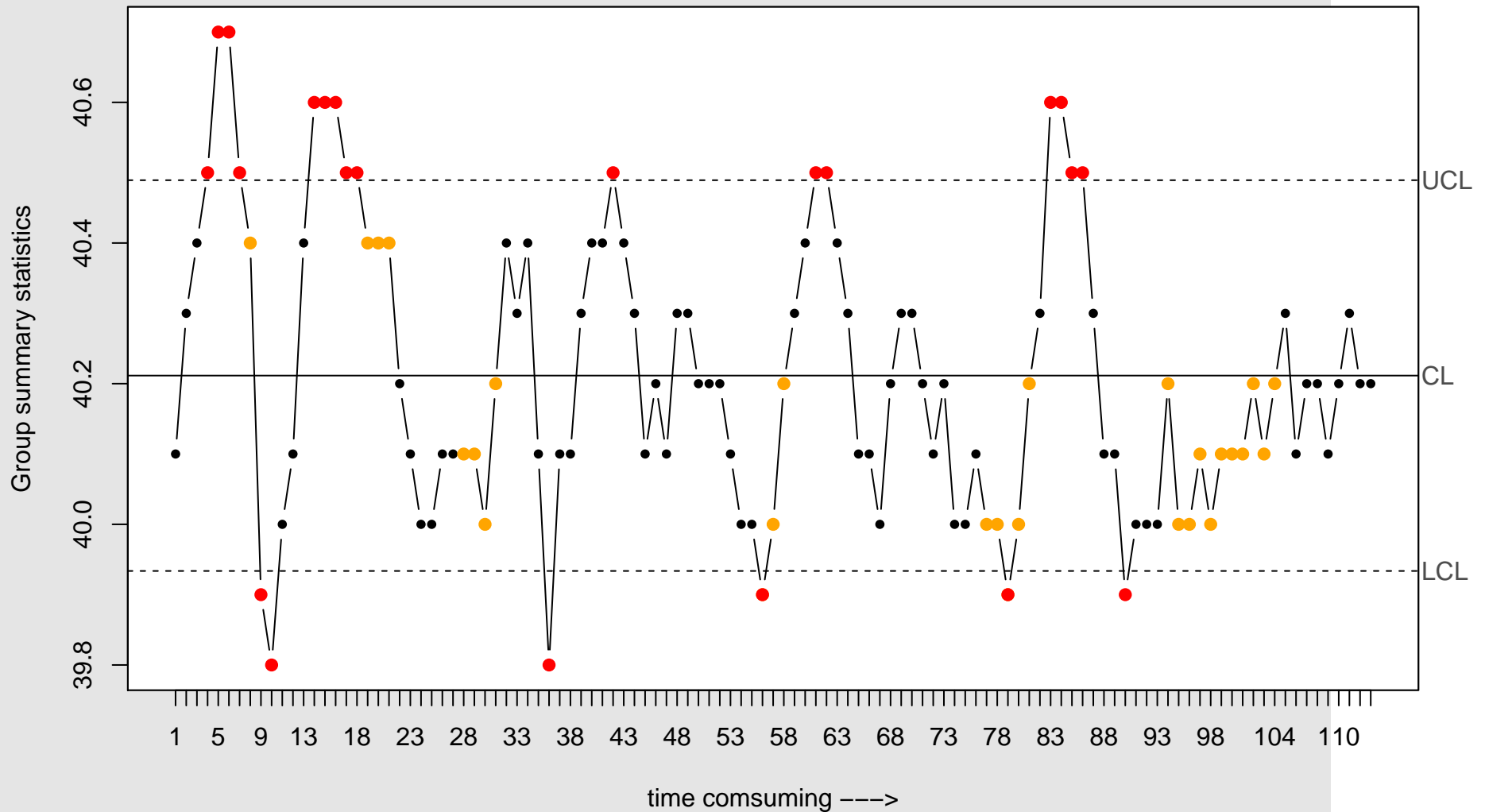


Number of groups = 113  
 Center = 40.22389  
 StdDev = 0.1116071

LCL = 39.88907  
 UCL = 40.55872

Number beyond limits = 7  
 Number violating runs = 18

# 46th column point of this product

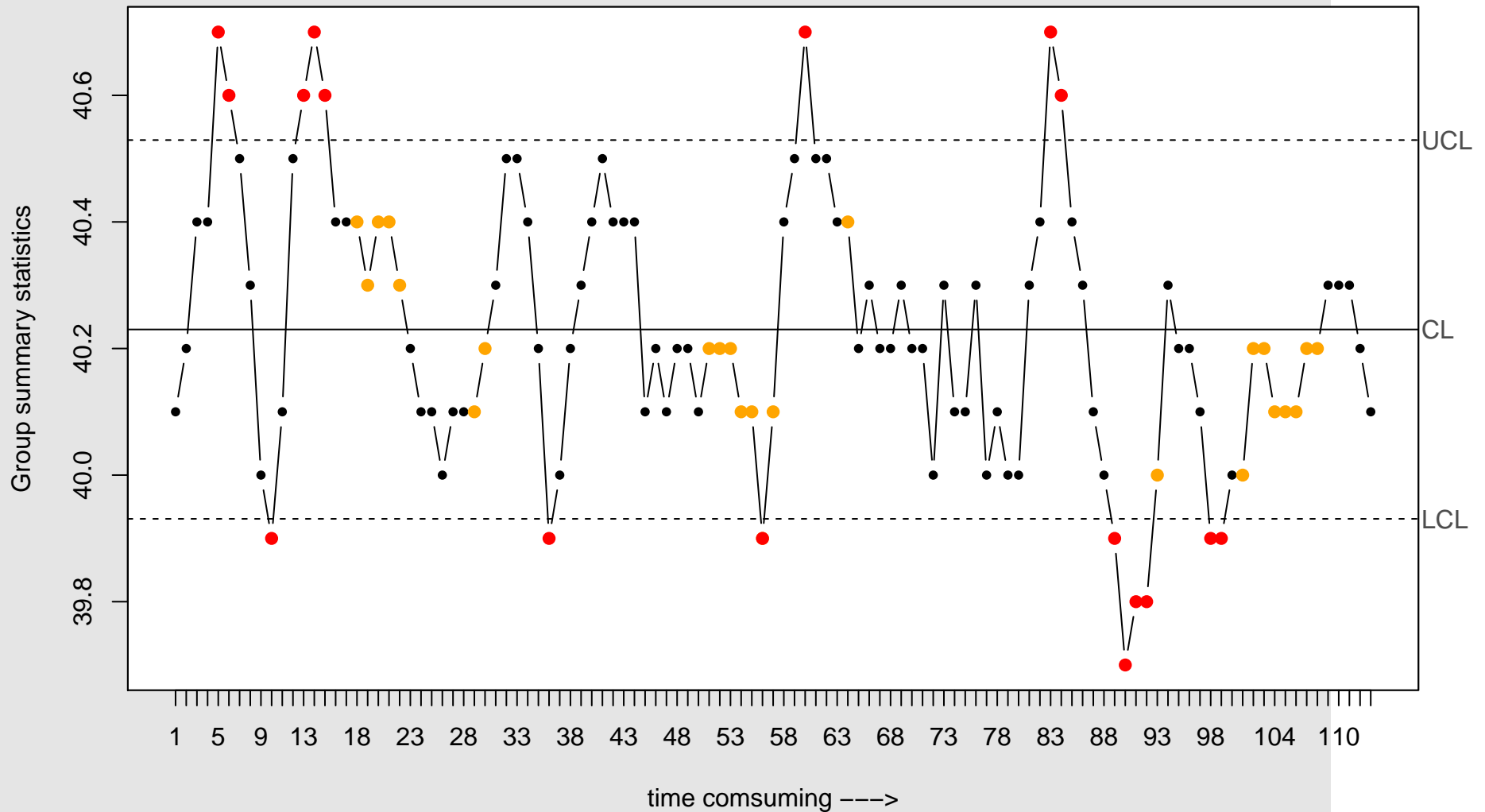


Number of groups = 113  
 Center = 40.2115  
 StdDev = 0.09261018

LCL = 39.93367  
 UCL = 40.48933

Number beyond limits = 22  
 Number violating runs = 27

# 47th column point of this product

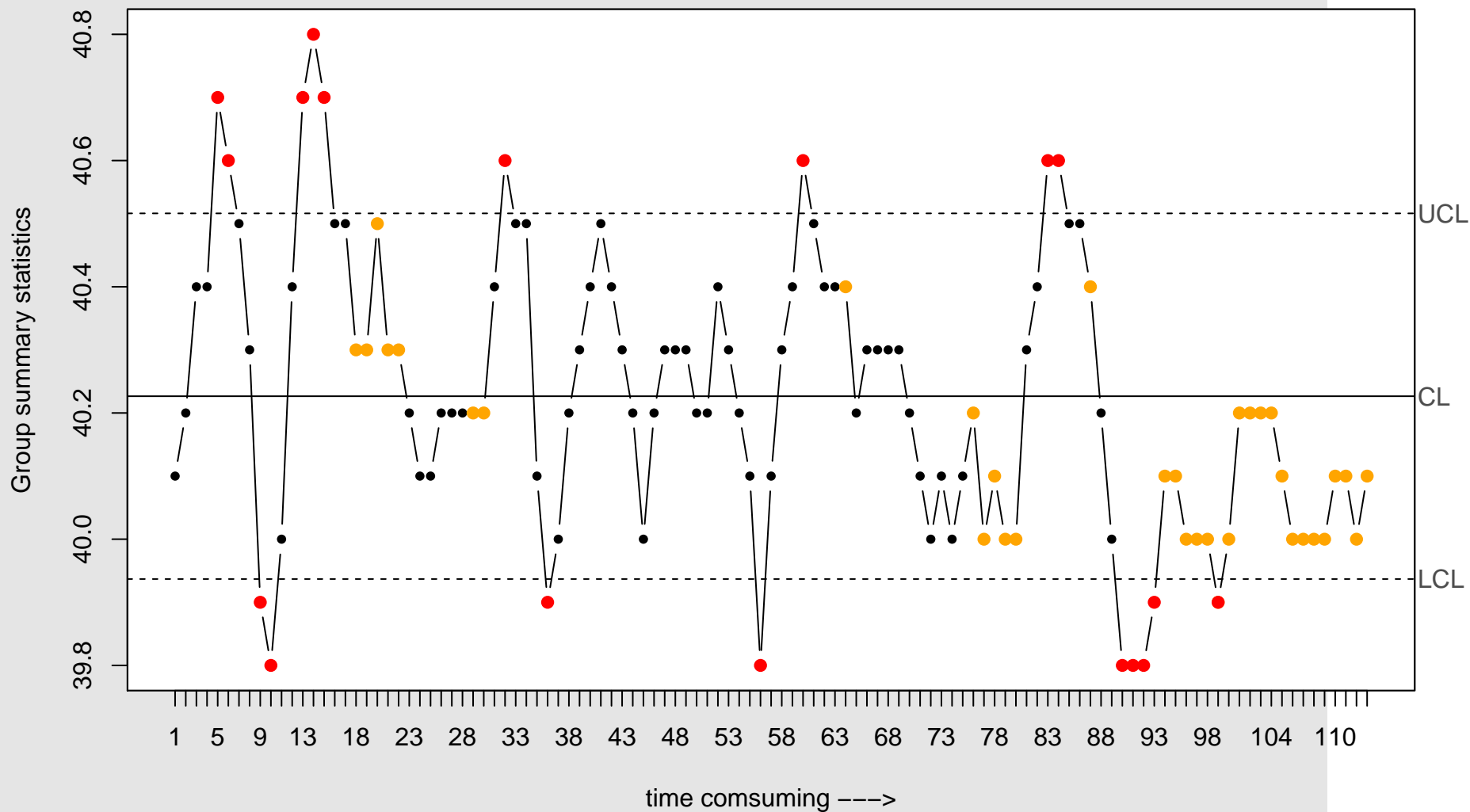


Number of groups = 113  
 Center = 40.23009  
 StdDev = 0.09973404

LCL = 39.93089  
 UCL = 40.52929

Number beyond limits = 17  
 Number violating runs = 24

# 48th column point of this product

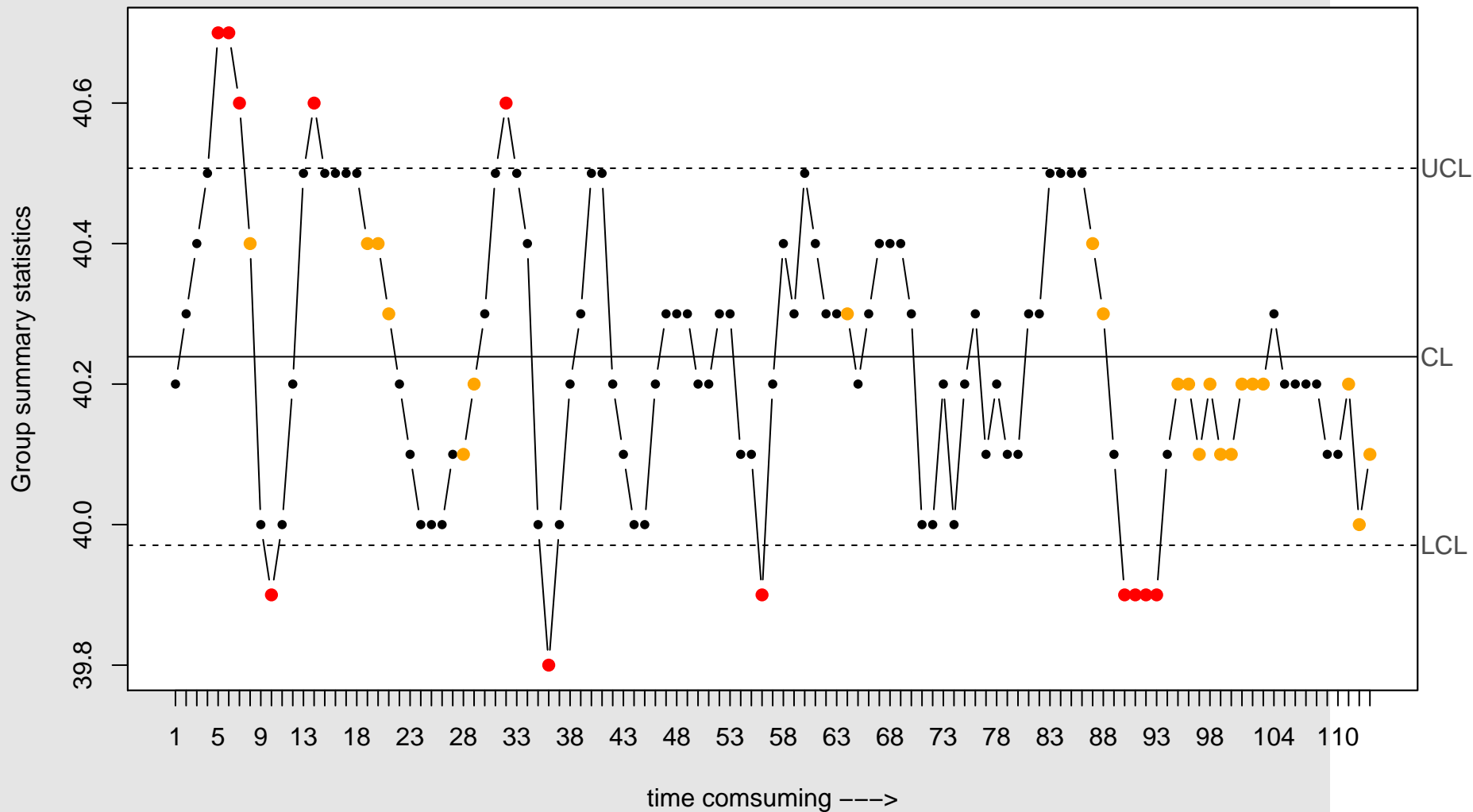


Number of groups = 113  
 Center = 40.22655  
 StdDev = 0.09656788

LCL = 39.93685  
 UCL = 40.51625

Number beyond limits = 18  
 Number violating runs = 34

# 49th column point of this product



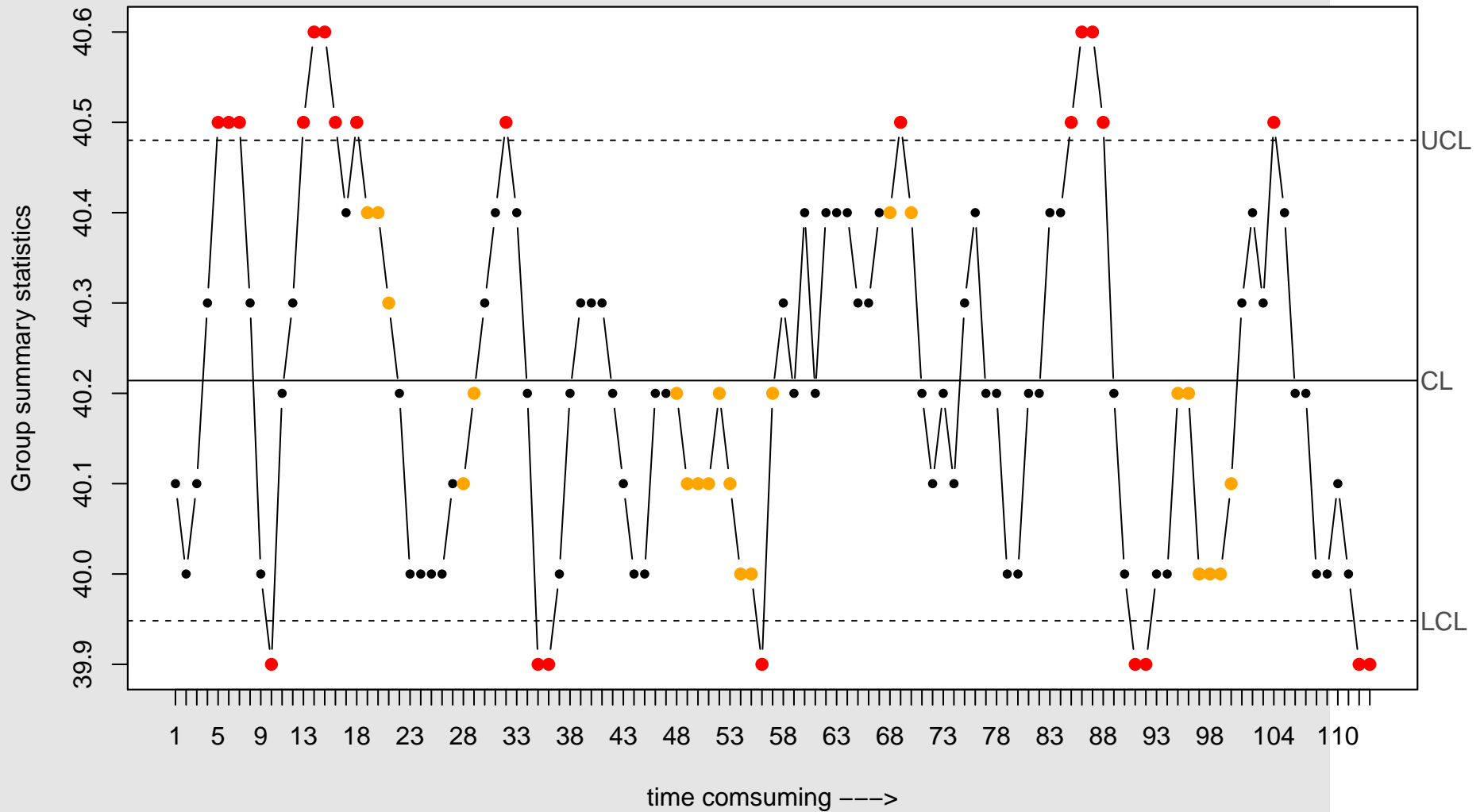
Number of groups = 113  
 Center = 40.23894  
 StdDev = 0.08944402

LCL = 39.97061  
 UCL = 40.50727

Number beyond limits = 12  
 Number violating runs = 21



# 50th column point of this product

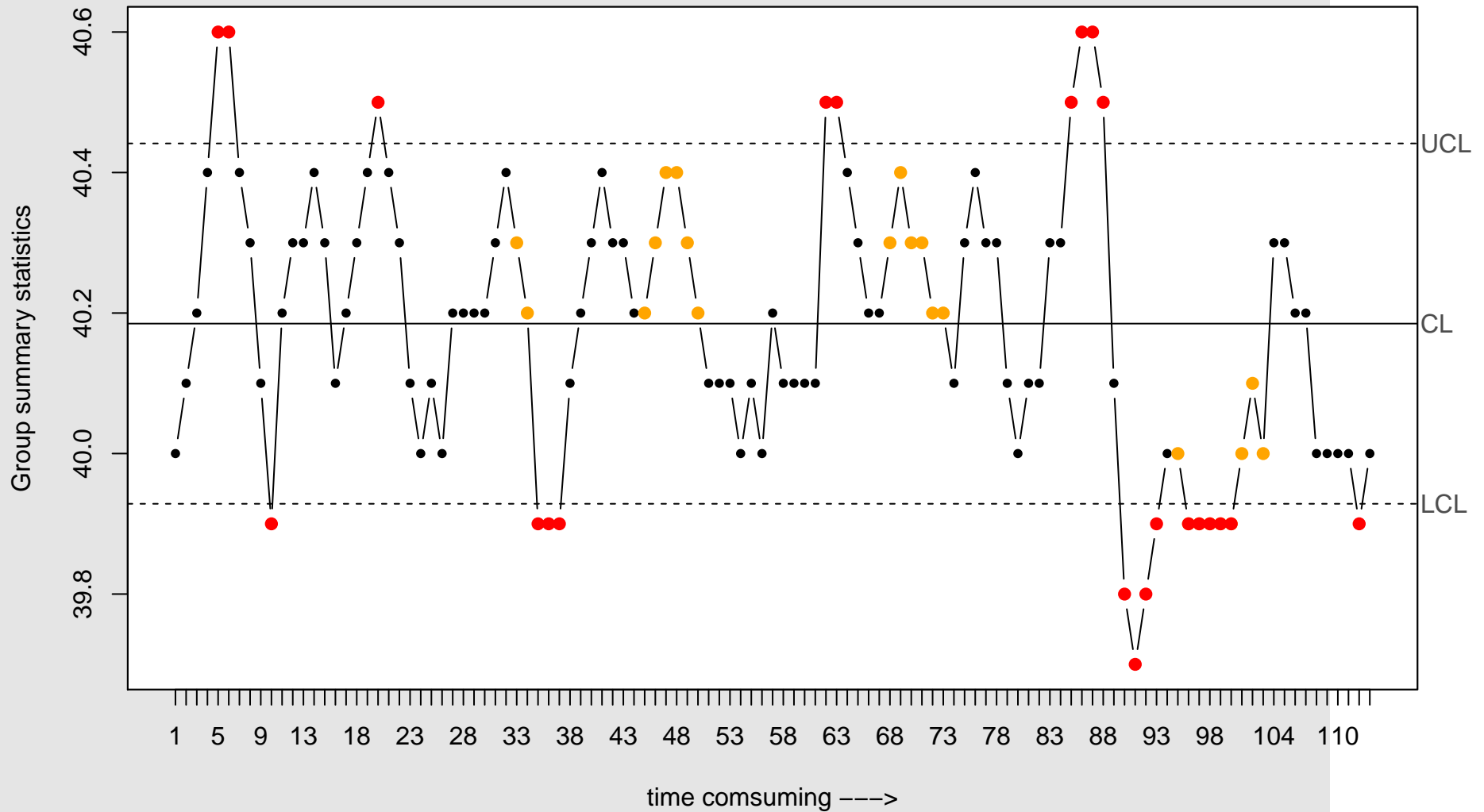


Number of groups = 113  
 Center = 40.21416  
 StdDev = 0.08865248

LCL = 39.9482  
 UCL = 40.48012

Number beyond limits = 23  
 Number violating runs = 27

# 51th column point of this product

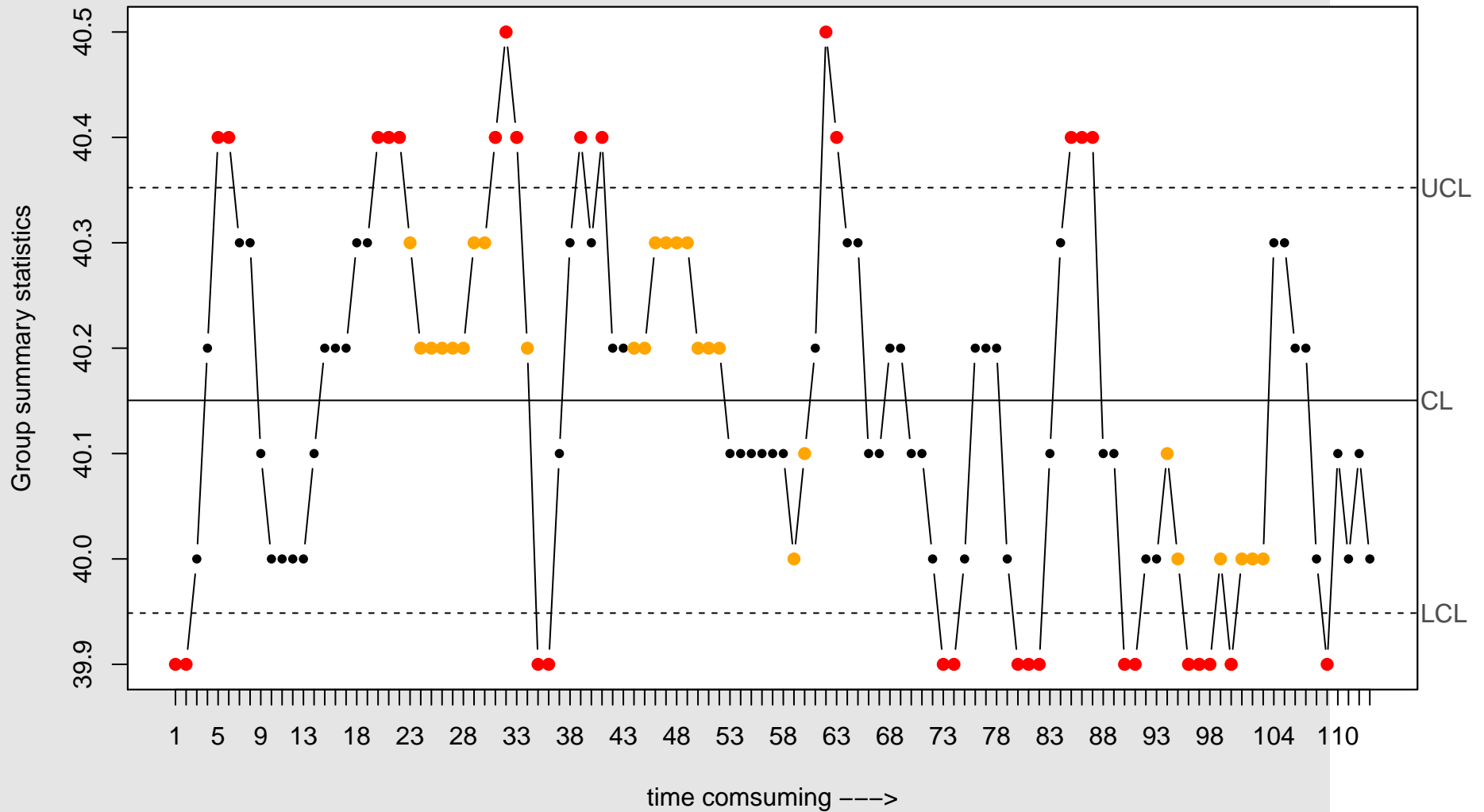


Number of groups = 113  
 Center = 40.18496  
 StdDev = 0.08548632

LCL = 39.9285  
 UCL = 40.44141

Number beyond limits = 23  
 Number violating runs = 23

## 52th column point of this product



Number of groups = 113

Center = 40.15044

StdDev = 0.0672809

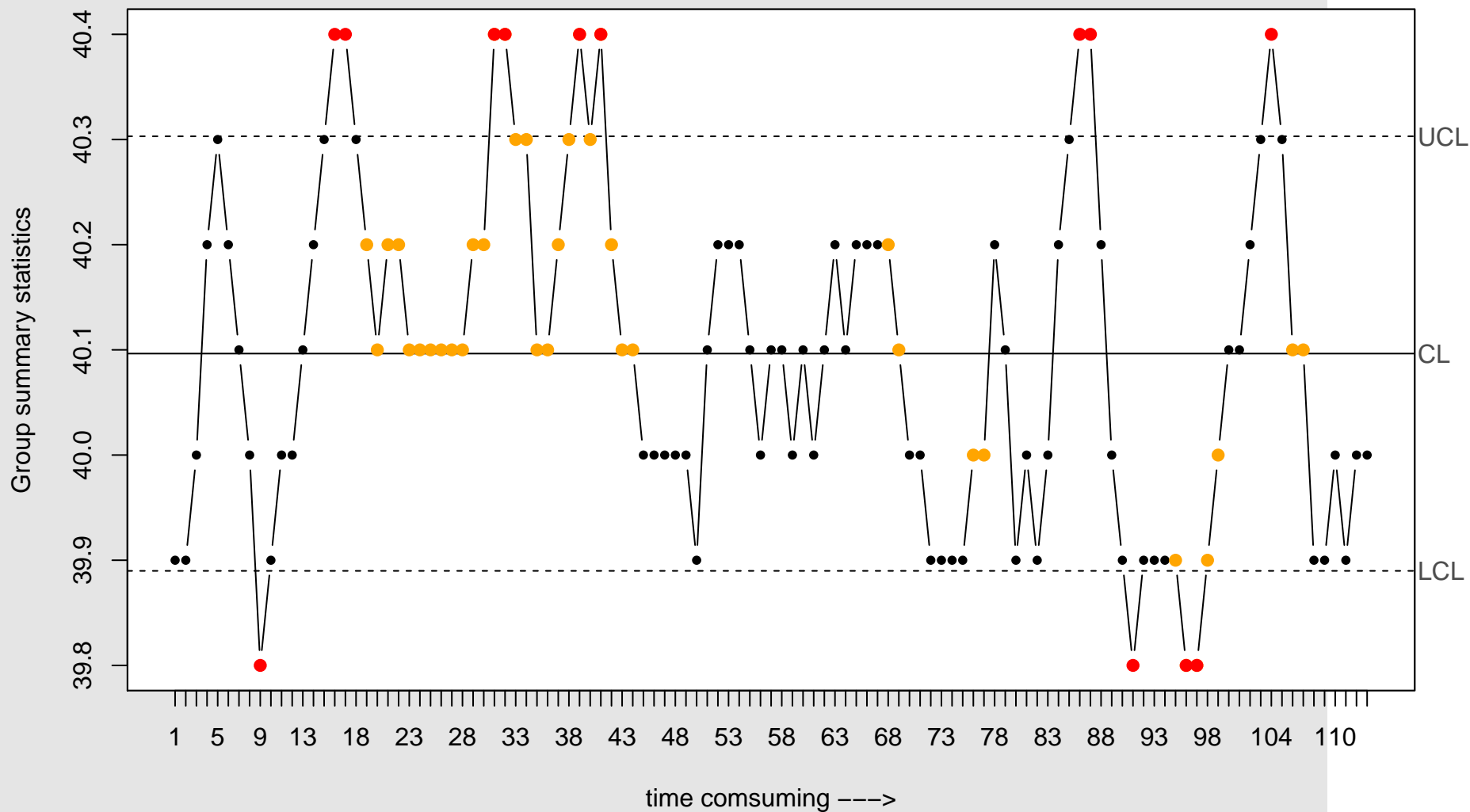
LCL = 39.9486

UCL = 40.35229

Number beyond limits = 31

Number violating runs = 35

### 53th column point of this product

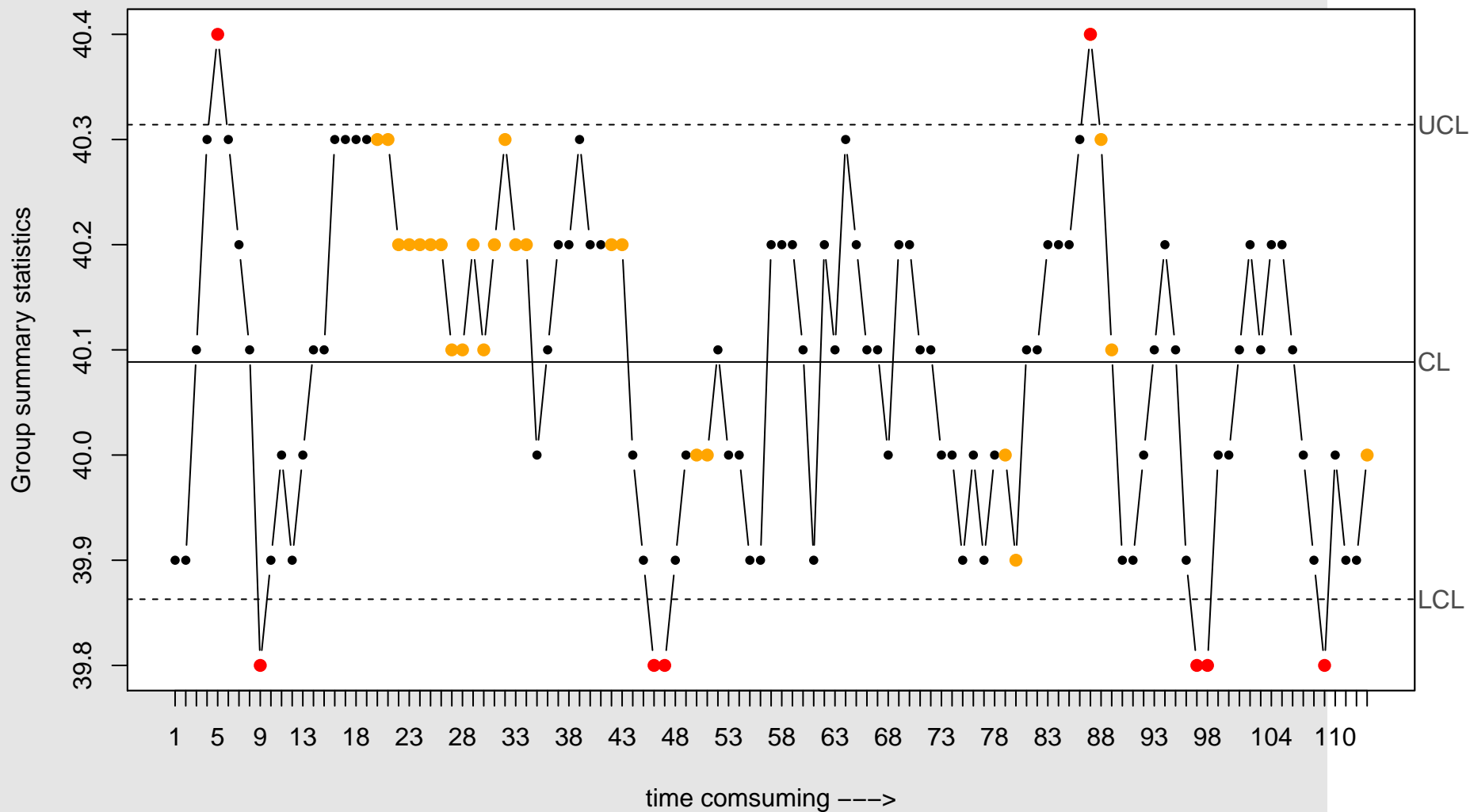


Number of groups = 113  
 Center = 40.09646  
 StdDev = 0.06886398

LCL = 39.88987  
 UCL = 40.30305

Number beyond limits = 13  
 Number violating runs = 37

# 54th column point of this product

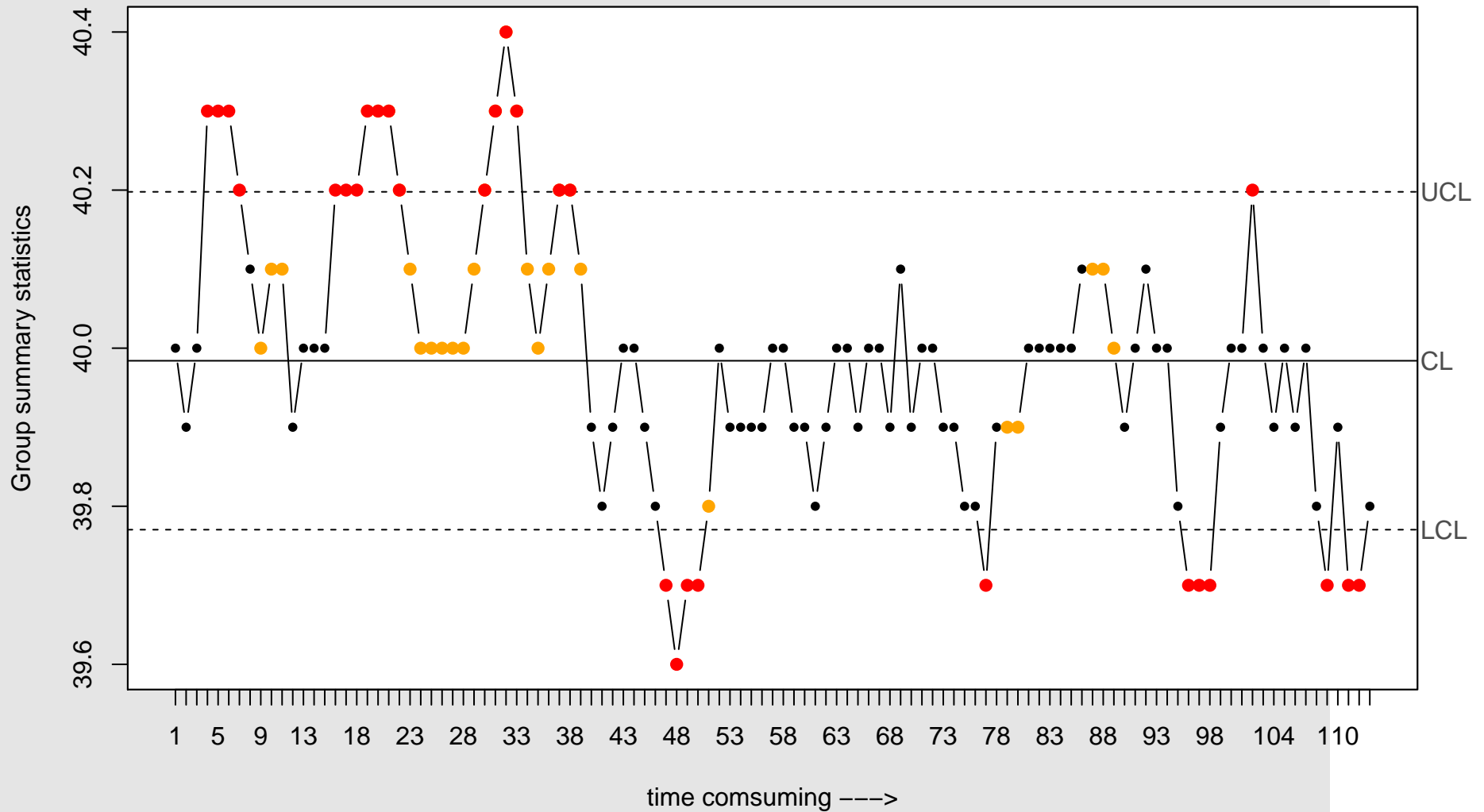


Number of groups = 113  
 Center = 40.0885  
 StdDev = 0.0751963

LCL = 39.86291  
 UCL = 40.31408

Number beyond limits = 8  
 Number violating runs = 25

# 55th column point of this product

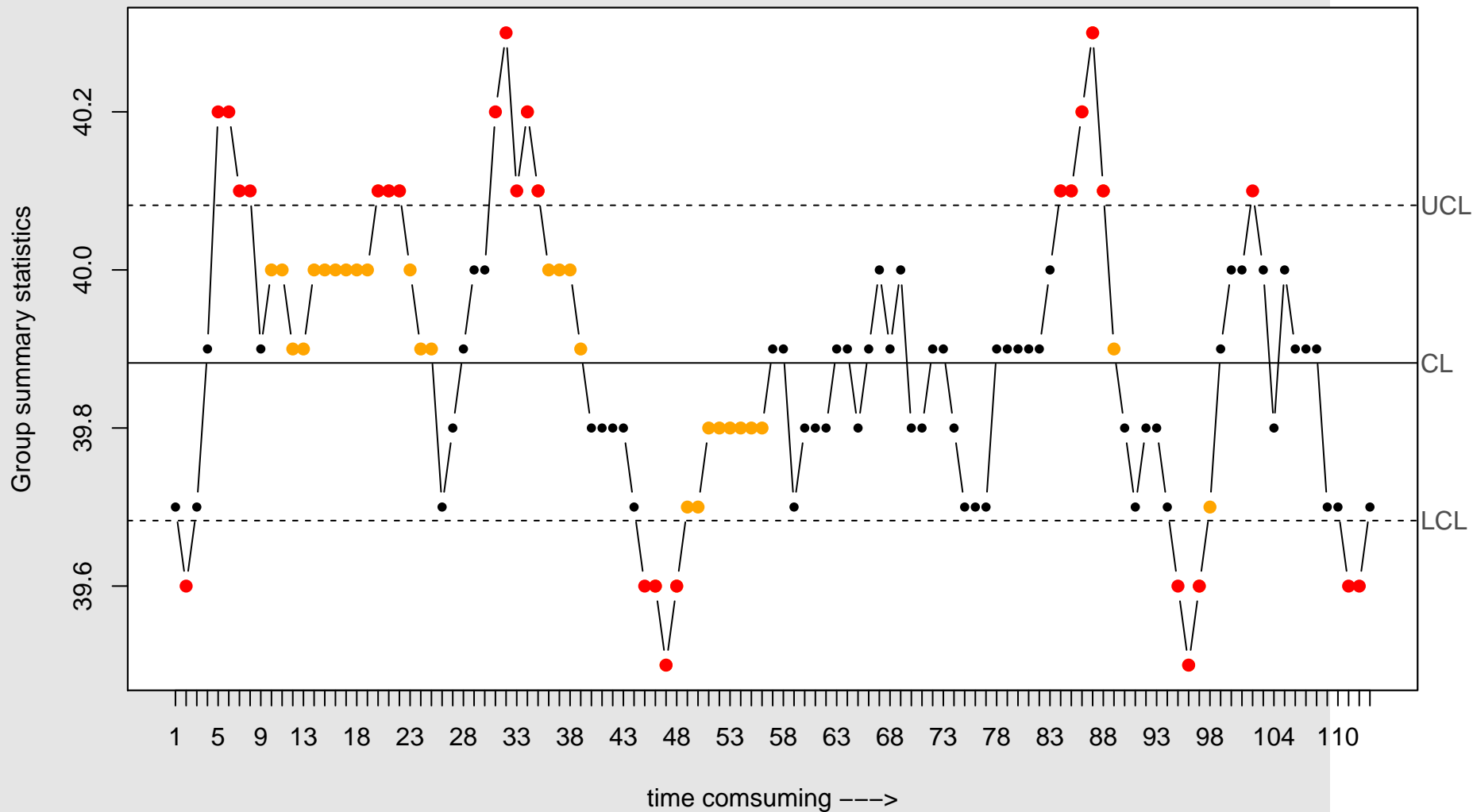


Number of groups = 113  
 Center = 39.98407  
 StdDev = 0.0712386

LCL = 39.77035  
 UCL = 40.19779

Number beyond limits = 29  
 Number violating runs = 30

# 56th column point of this product

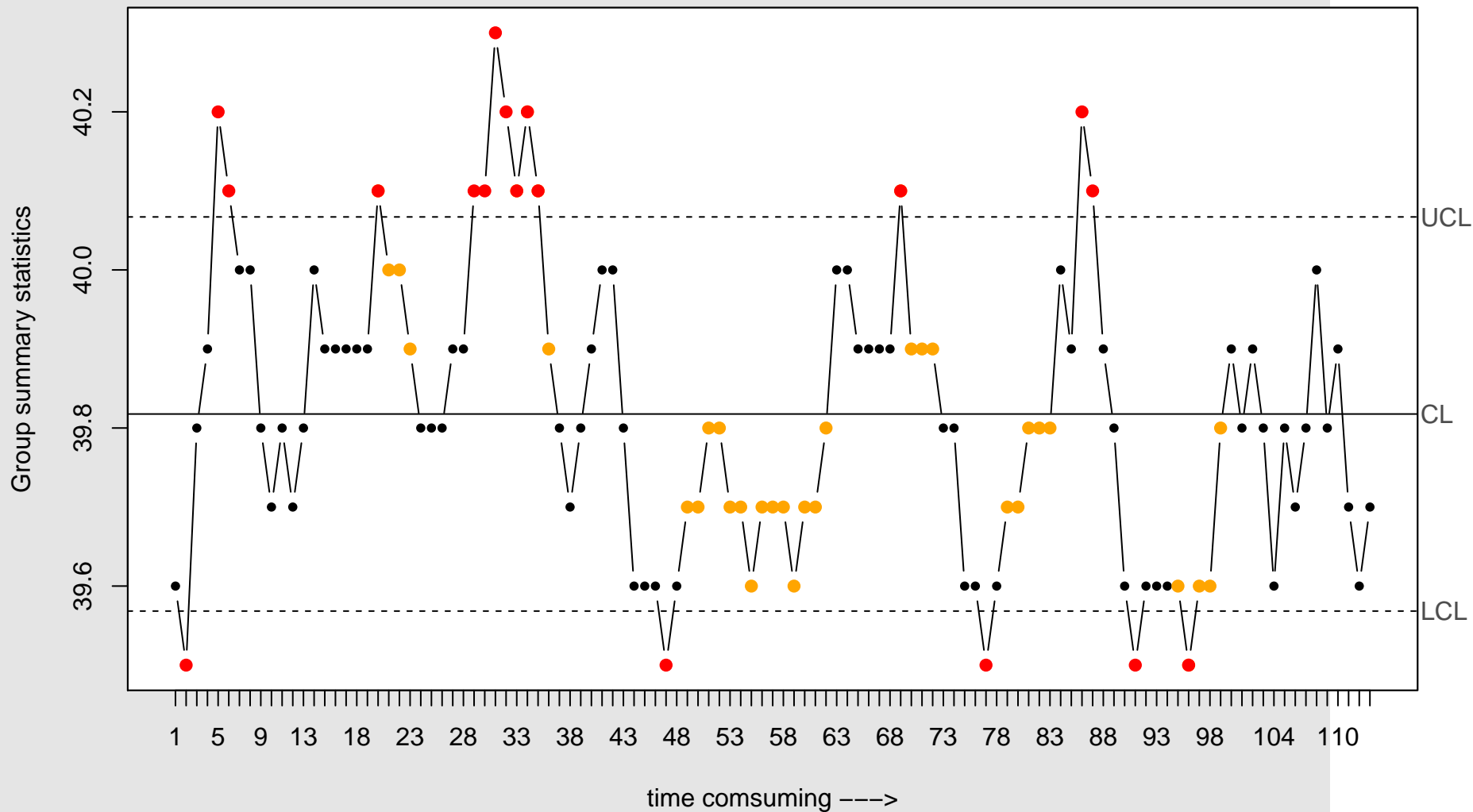


Number of groups = 113  
 Center = 39.8823  
 StdDev = 0.06648936

LCL = 39.68283  
 UCL = 40.08177

Number beyond limits = 28  
 Number violating runs = 42

### 57th column point of this product



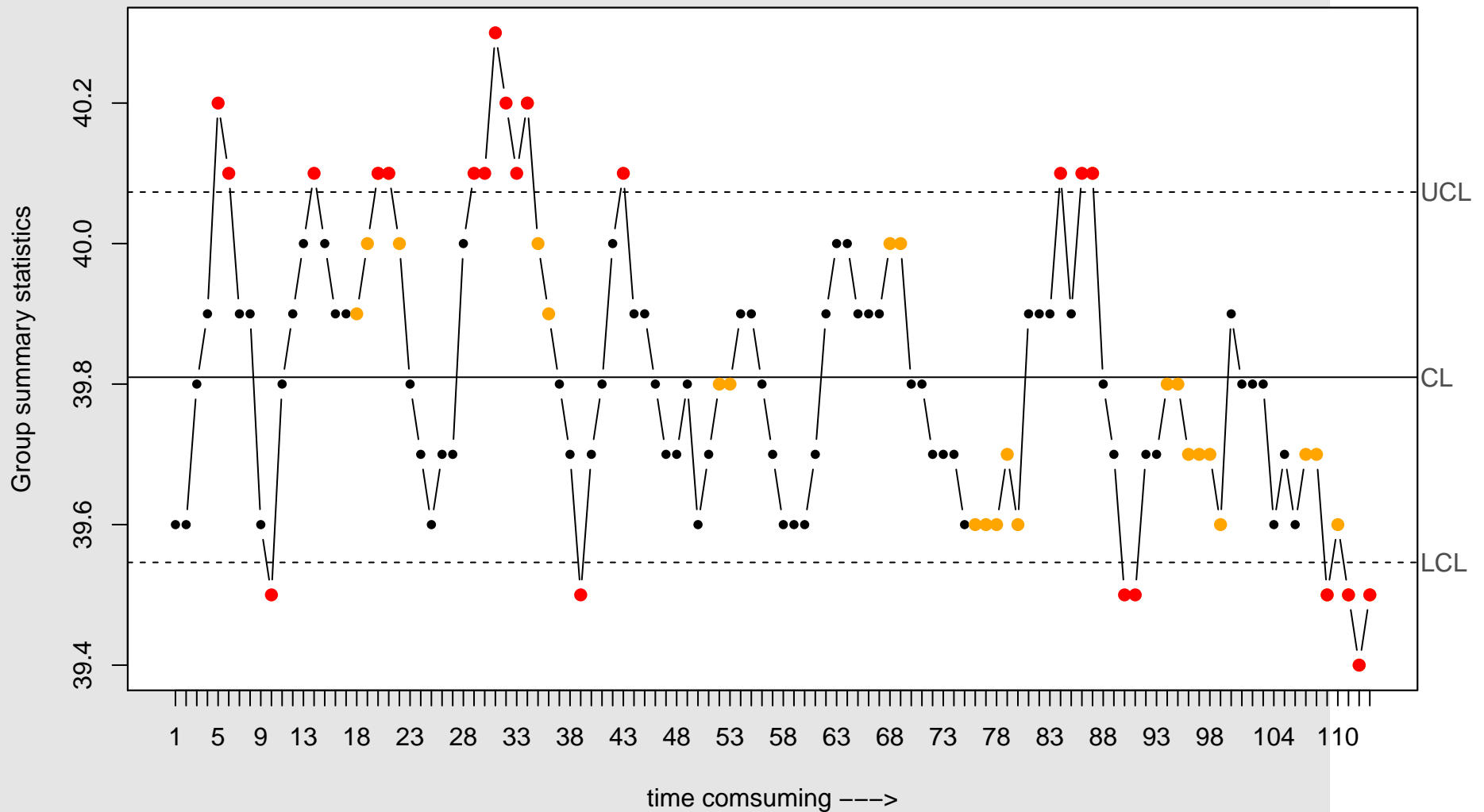
Number of groups = 113  
 Center = 39.8177  
 StdDev = 0.0831117

LCL = 39.56836  
 UCL = 40.06703

Number beyond limits = 18  
 Number violating runs = 36



# 58th column point of this product

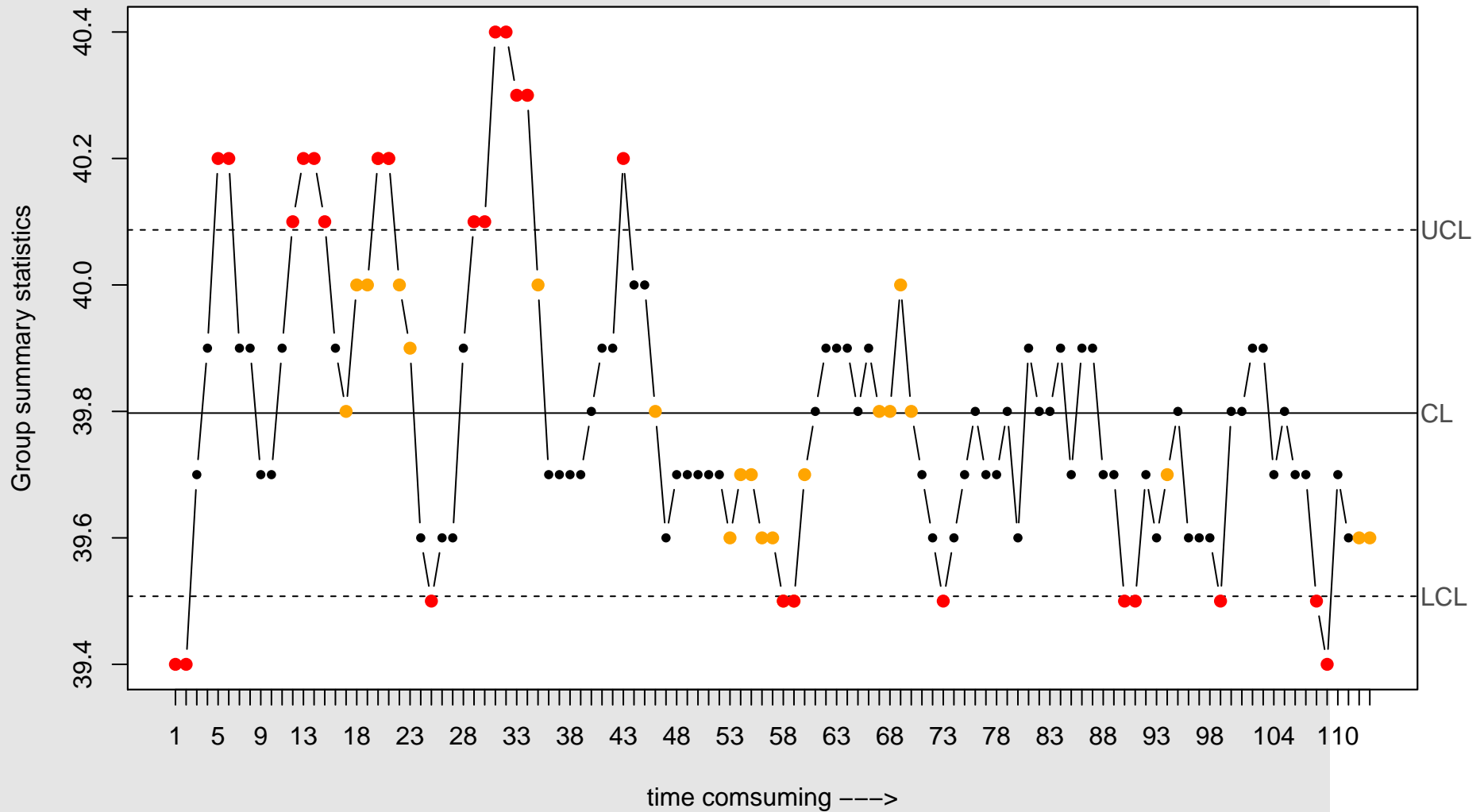


Number of groups = 113  
Center = 39.80973  
StdDev = 0.08786094

LCL = 39.54615  
UCL = 40.07332

Number beyond limits = 23  
Number violating runs = 31

# 59th column point of this product

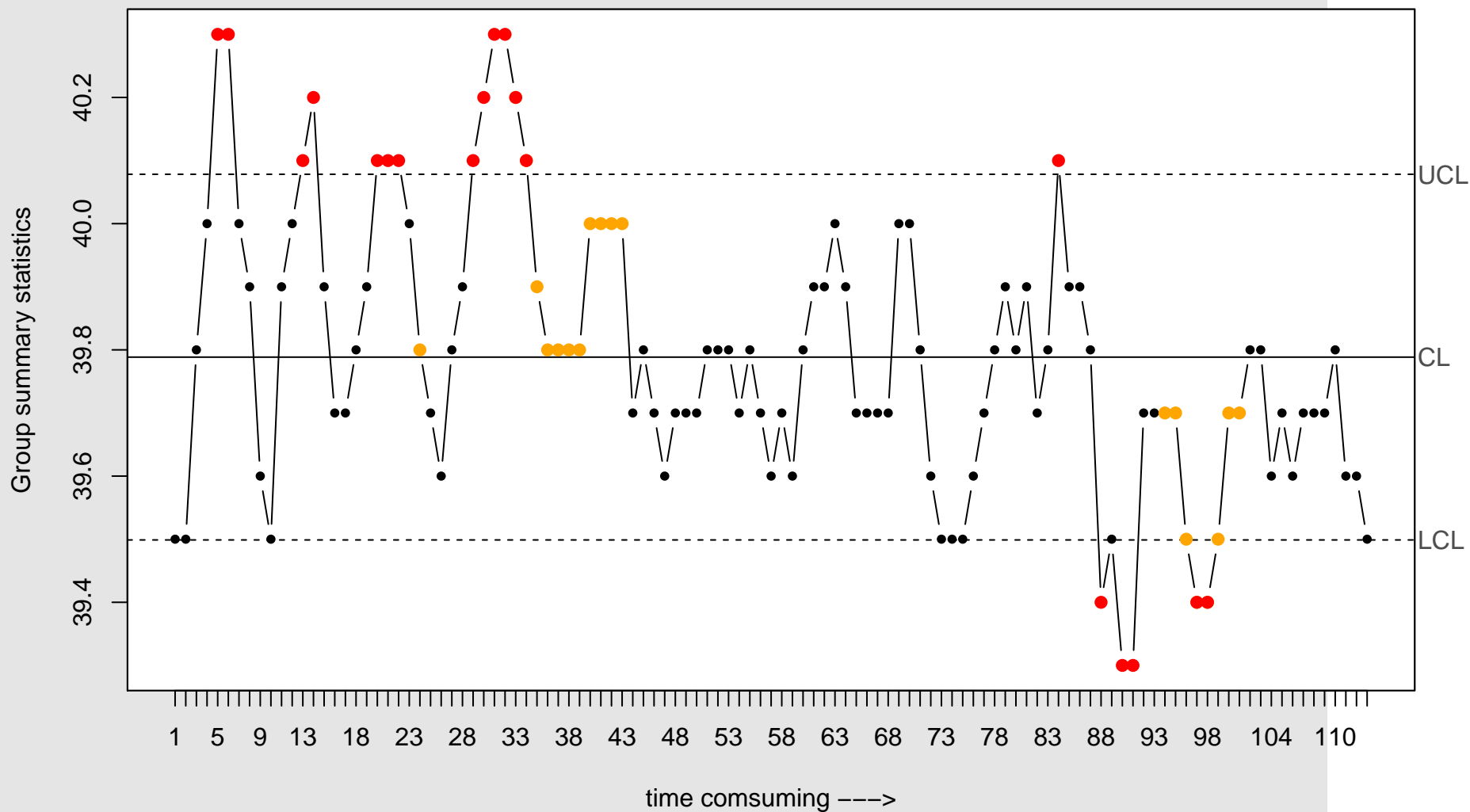


Number of groups = 113  
 Center = 39.79735  
 StdDev = 0.09656788

LCL = 39.50764  
 UCL = 40.08705

Number beyond limits = 26  
 Number violating runs = 25

# 60th column point of this product

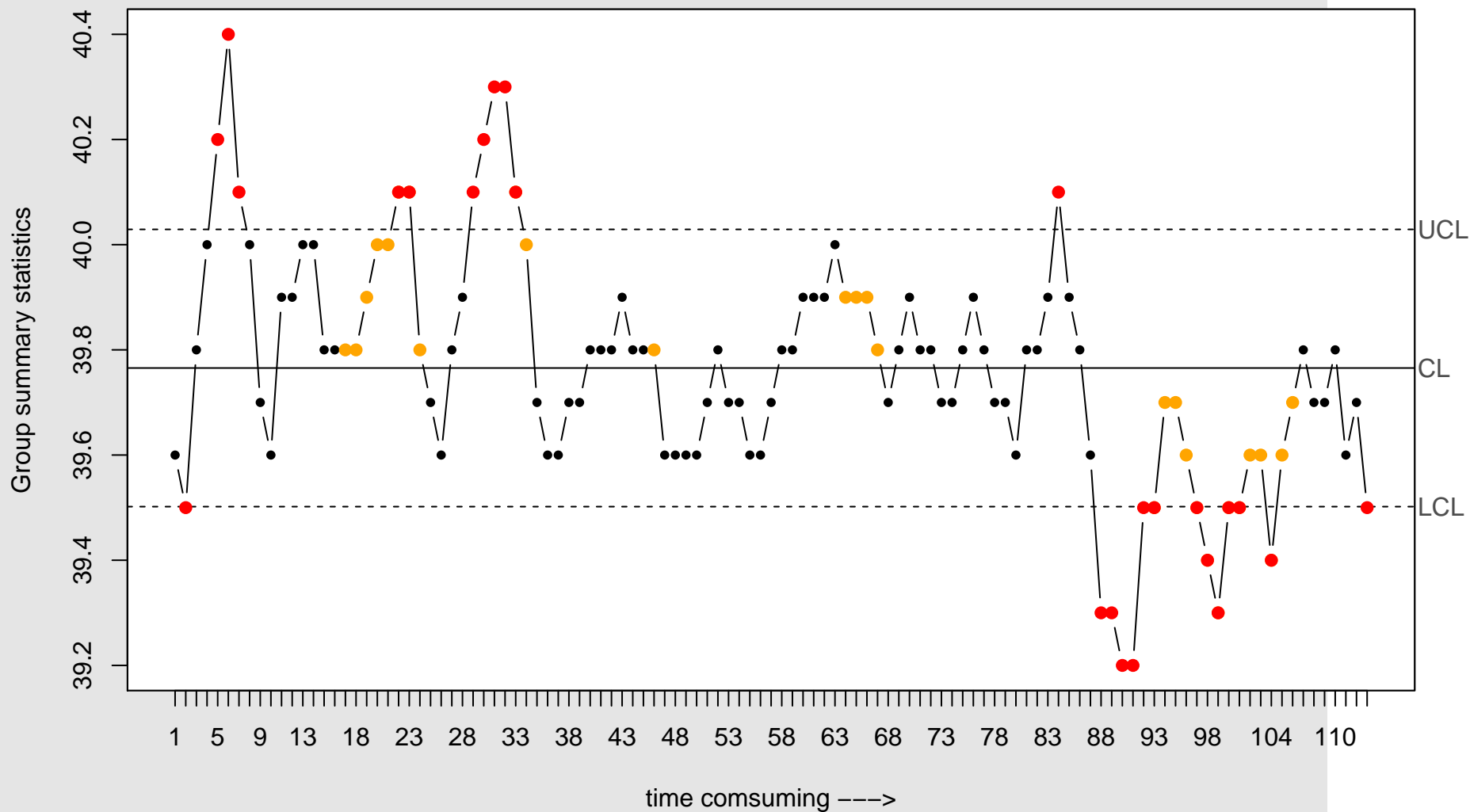


Number of groups = 113  
Center = 39.7885  
StdDev = 0.09656788

LCL = 39.49879  
UCL = 40.0782

Number beyond limits = 19  
Number violating runs = 20

# 61th column point of this product

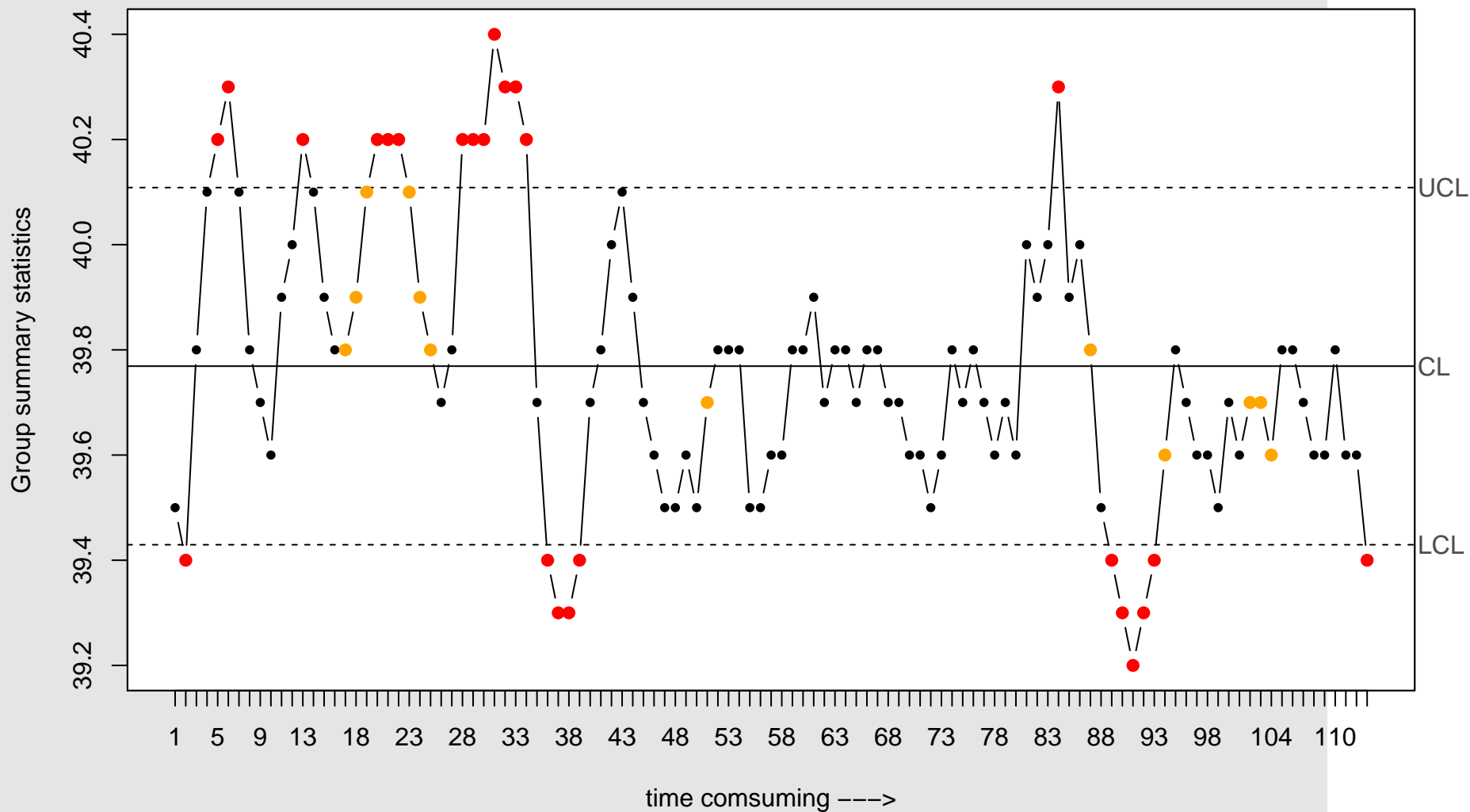


Number of groups = 113  
 Center = 39.76549  
 StdDev = 0.08786094

LCL = 39.5019  
 UCL = 40.02907

Number beyond limits = 25  
 Number violating runs = 29

# 62th column point of this product

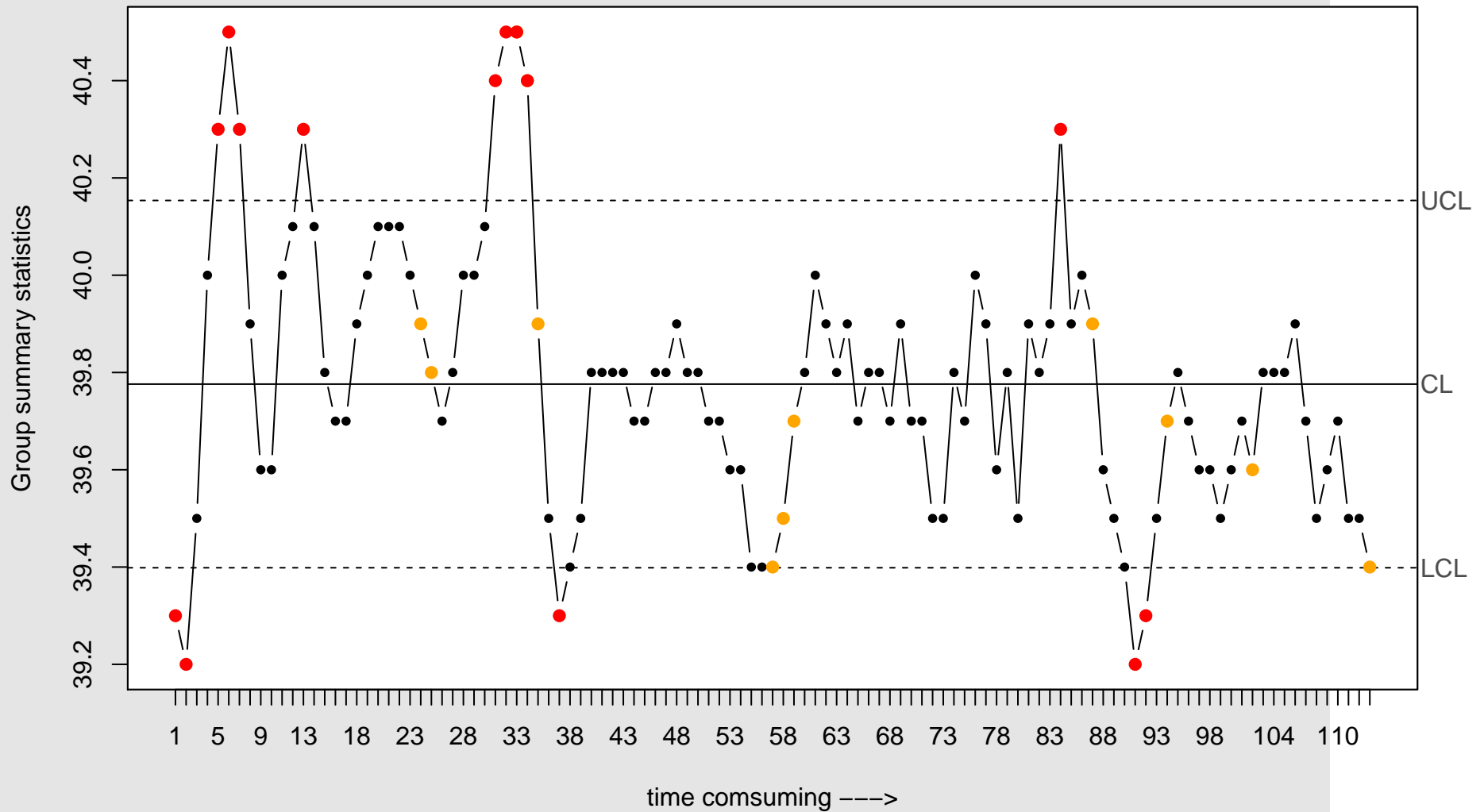


Number of groups = 113  
Center = 39.76903  
StdDev = 0.1131902

LCL = 39.42946  
UCL = 40.1086

Number beyond limits = 25  
Number violating runs = 17

### 63th column point of this product

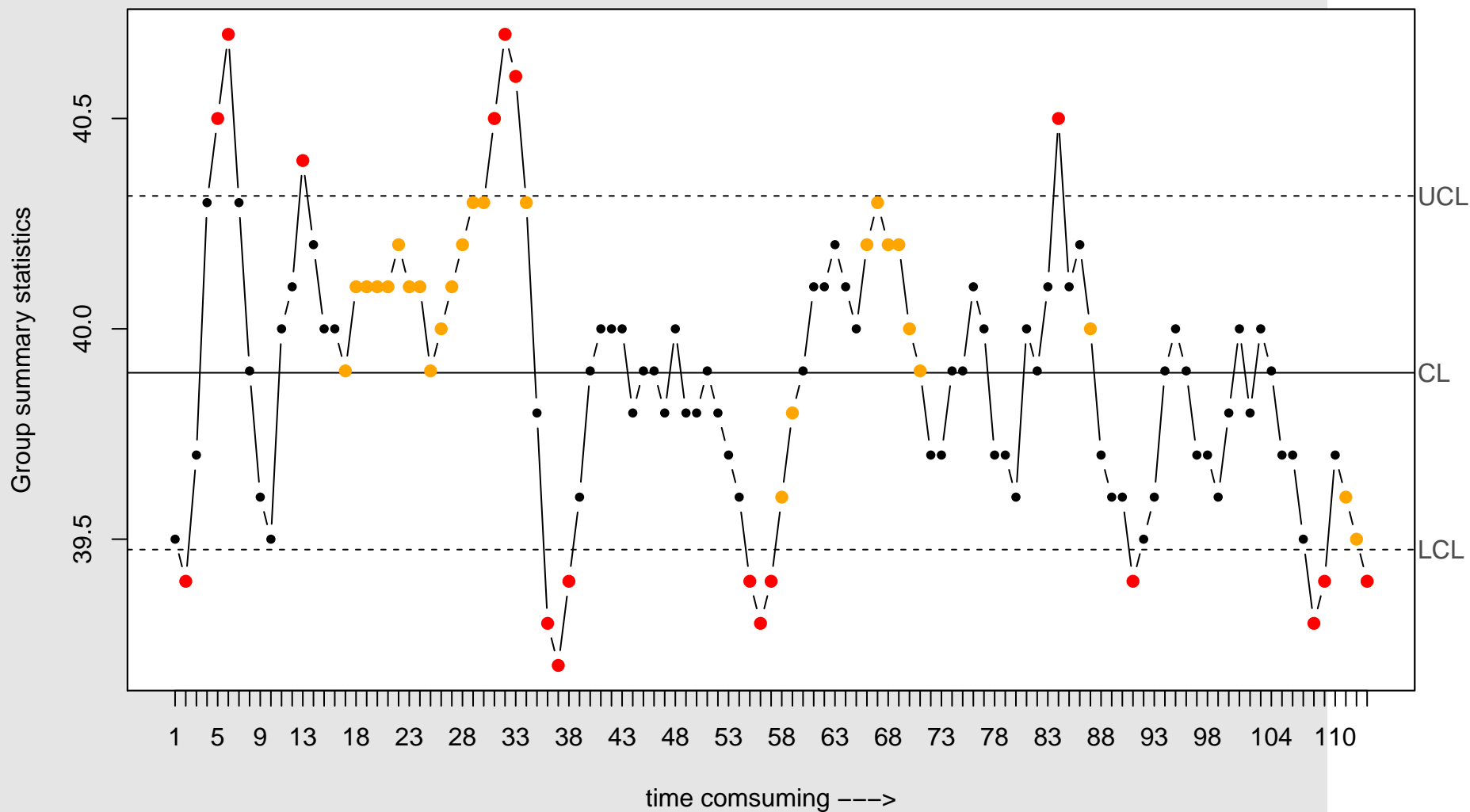


Number of groups = 113  
 Center = 39.77611  
 StdDev = 0.1258549

LCL = 39.39854  
 UCL = 40.15367

Number beyond limits = 14  
 Number violating runs = 12

# 64th column point of this product

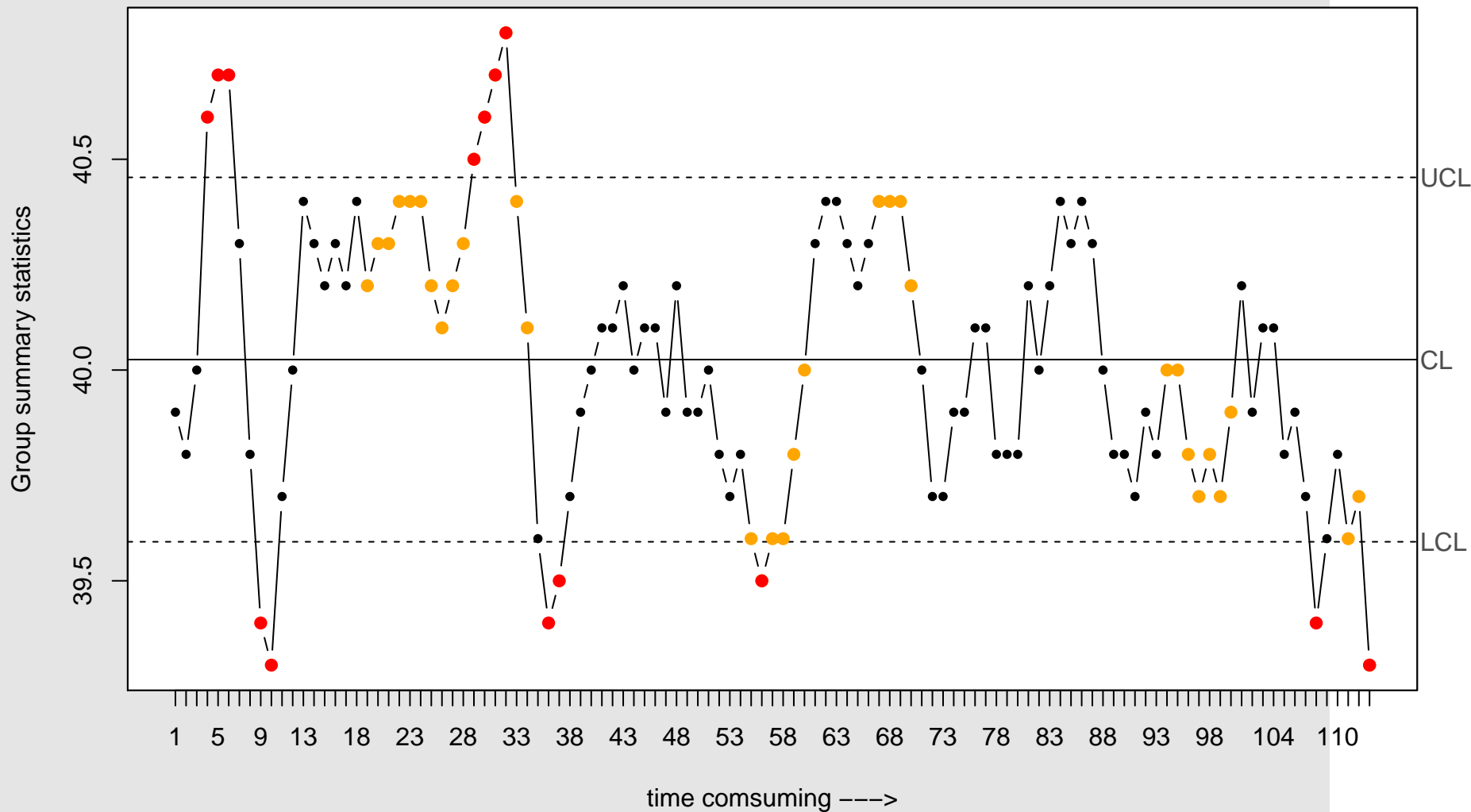


Number of groups = 113  
 Center = 39.89558  
 StdDev = 0.1401026

LCL = 39.47527  
 UCL = 40.31588

Number beyond limits = 18  
 Number violating runs = 30

# 65th column point of this product



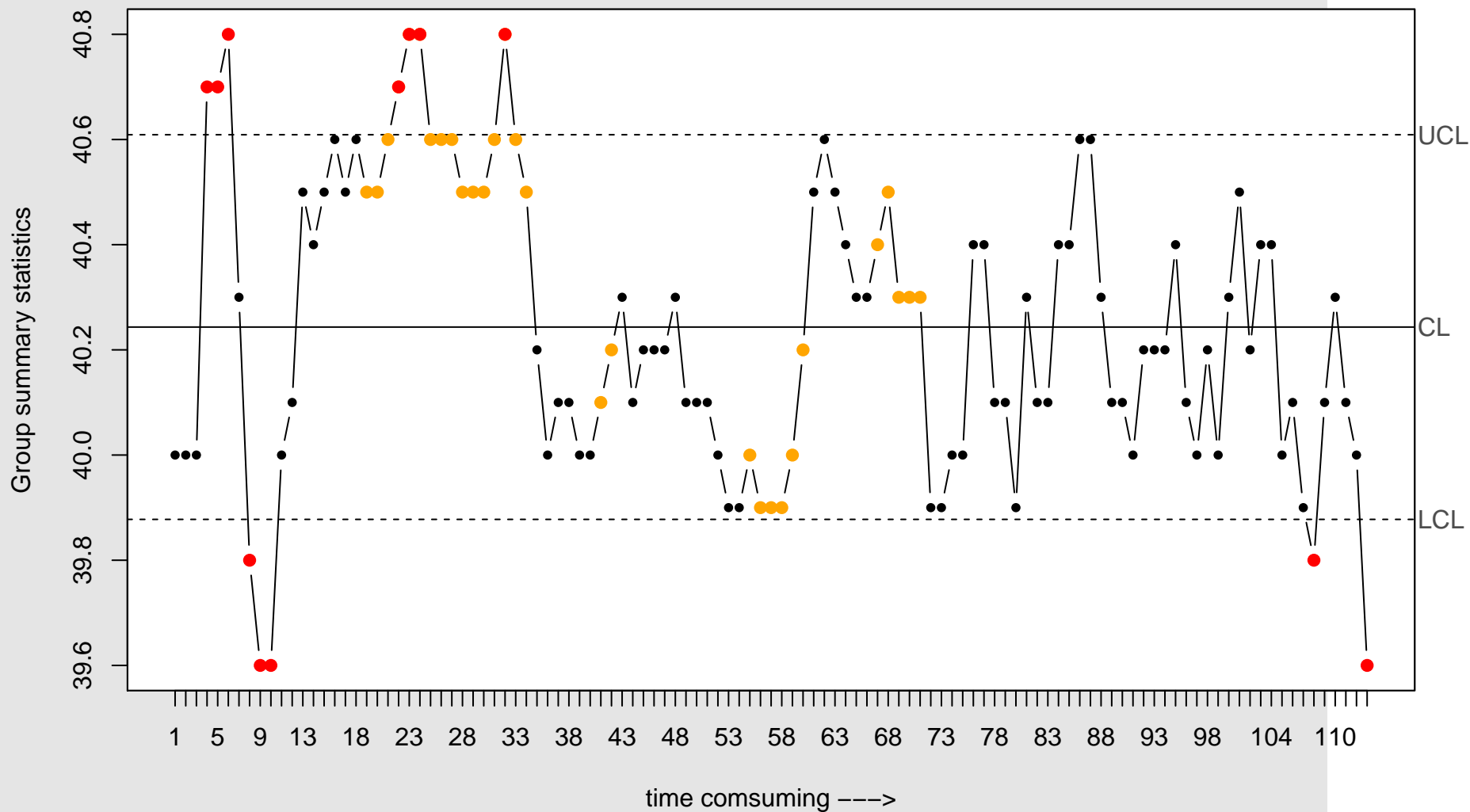
Number of groups = 113  
 Center = 40.02478  
 StdDev = 0.1440603

LCL = 39.5926  
 UCL = 40.45696

Number beyond limits = 14  
 Number violating runs = 36



# 66th column point of this product



Number of groups = 113

Center = 40.24336

StdDev = 0.1218972

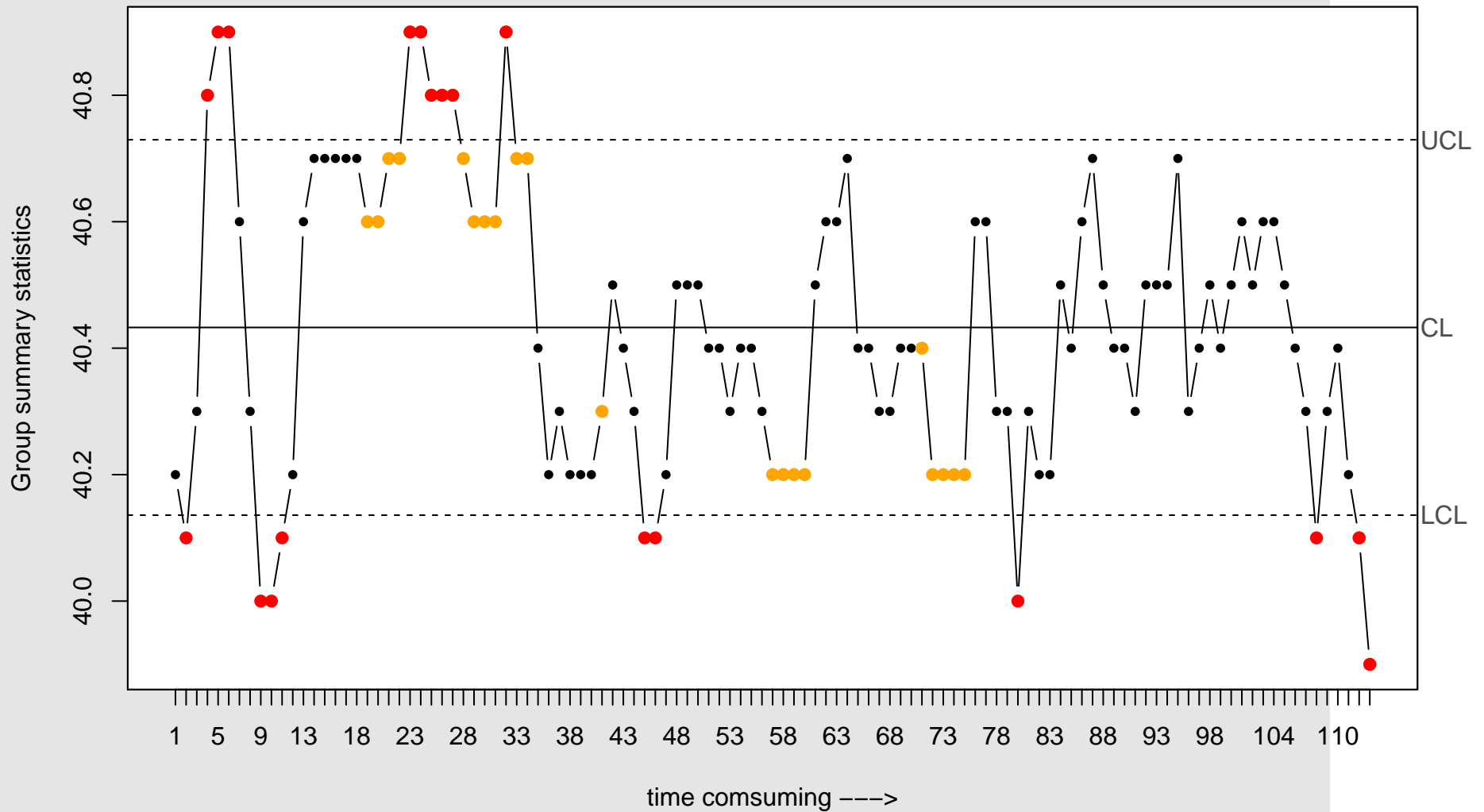
LCL = 39.87767

UCL = 40.60905

Number beyond limits = 12

Number violating runs = 29

# 67th column point of this product



Number of groups = 113

Center = 40.43274

StdDev = 0.0989425

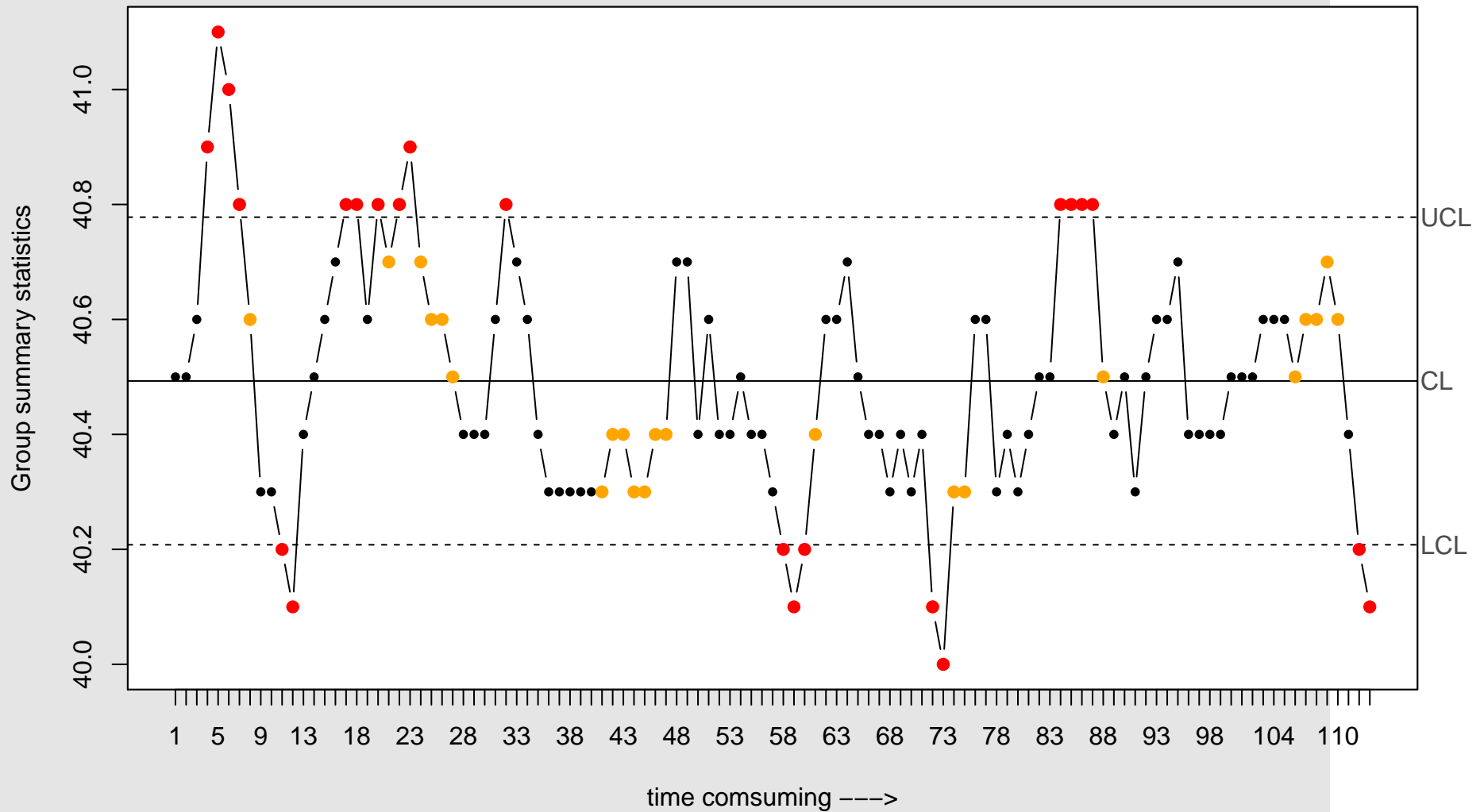
LCL = 40.13592

UCL = 40.72957

Number beyond limits = 19

Number violating runs = 28

# 68th column point of this product

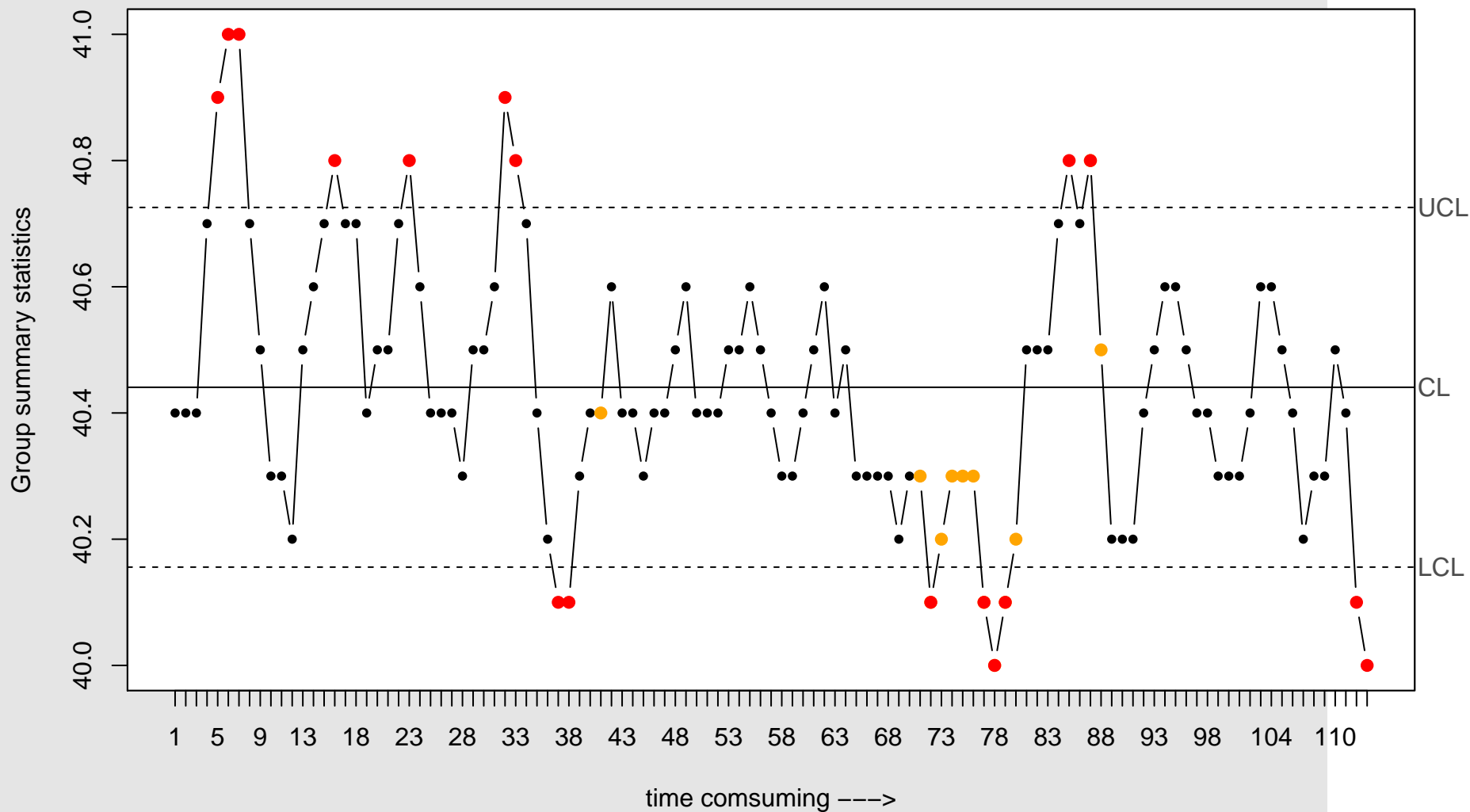


Number of groups = 113  
 Center = 40.49292  
 StdDev = 0.0949848

LCL = 40.20797  
 UCL = 40.77787

Number beyond limits = 23  
 Number violating runs = 28

# 69th column point of this product

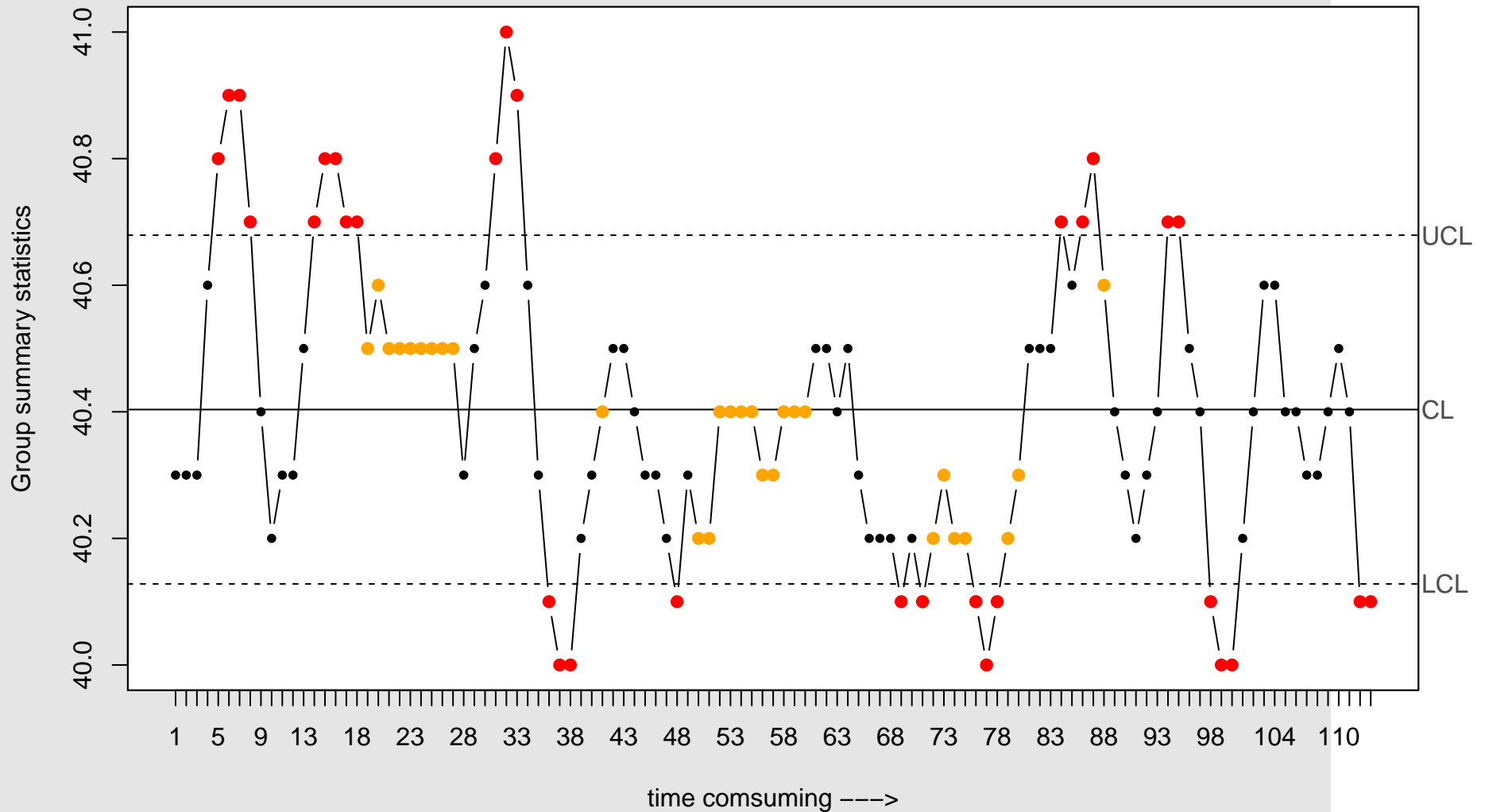


Number of groups = 113  
Center = 40.44071  
StdDev = 0.0949848

LCL = 40.15575  
UCL = 40.72566

Number beyond limits = 17  
Number violating runs = 13

# 70th column point of this product



Number of groups = 113

Center = 40.40354

StdDev = 0.09181864

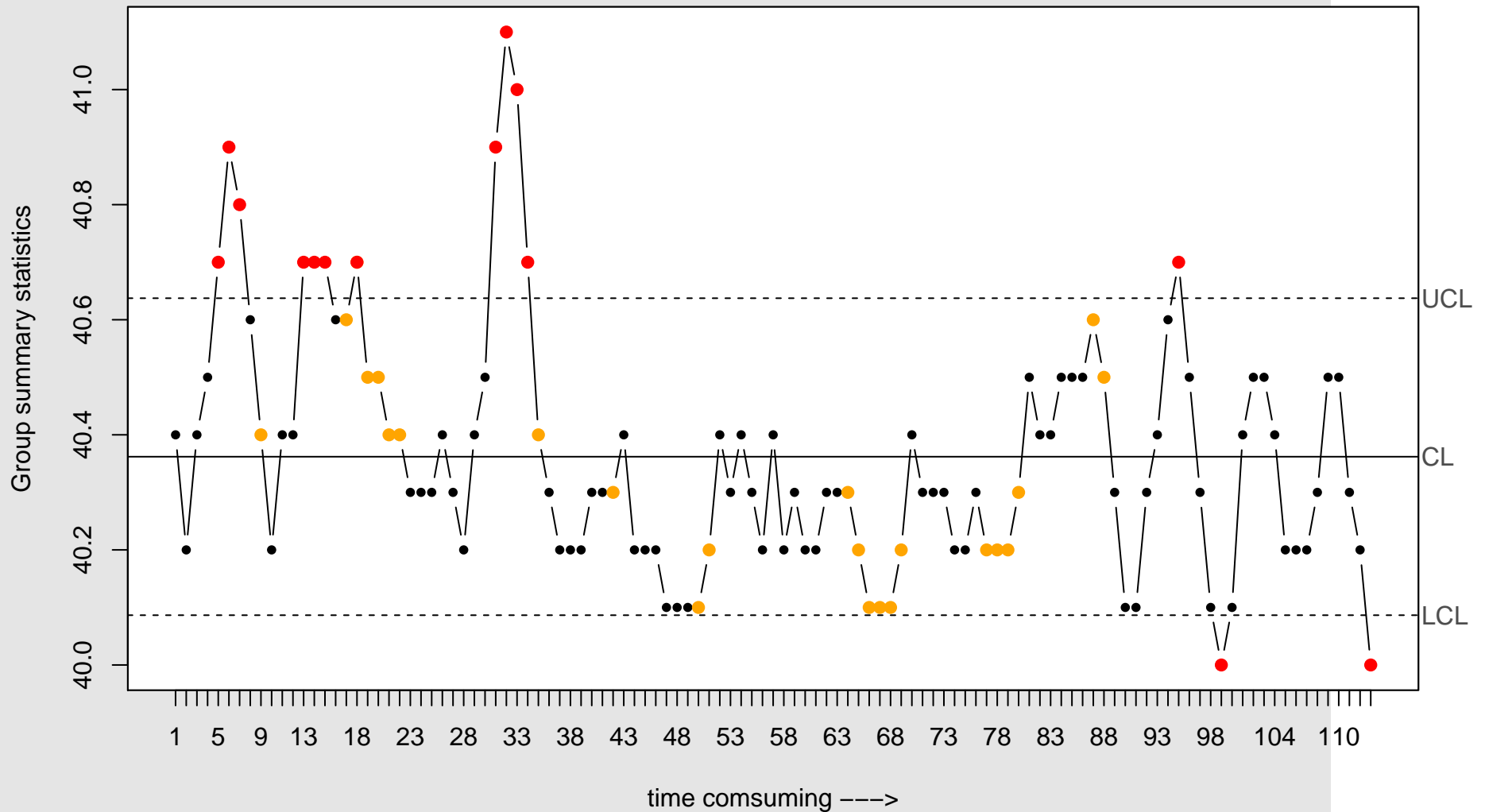
LCL = 40.12808

UCL = 40.679

Number beyond limits = 31

Number violating runs = 33

# 71th column point of this product



Number of groups = 113

Center = 40.36195

StdDev = 0.09181864

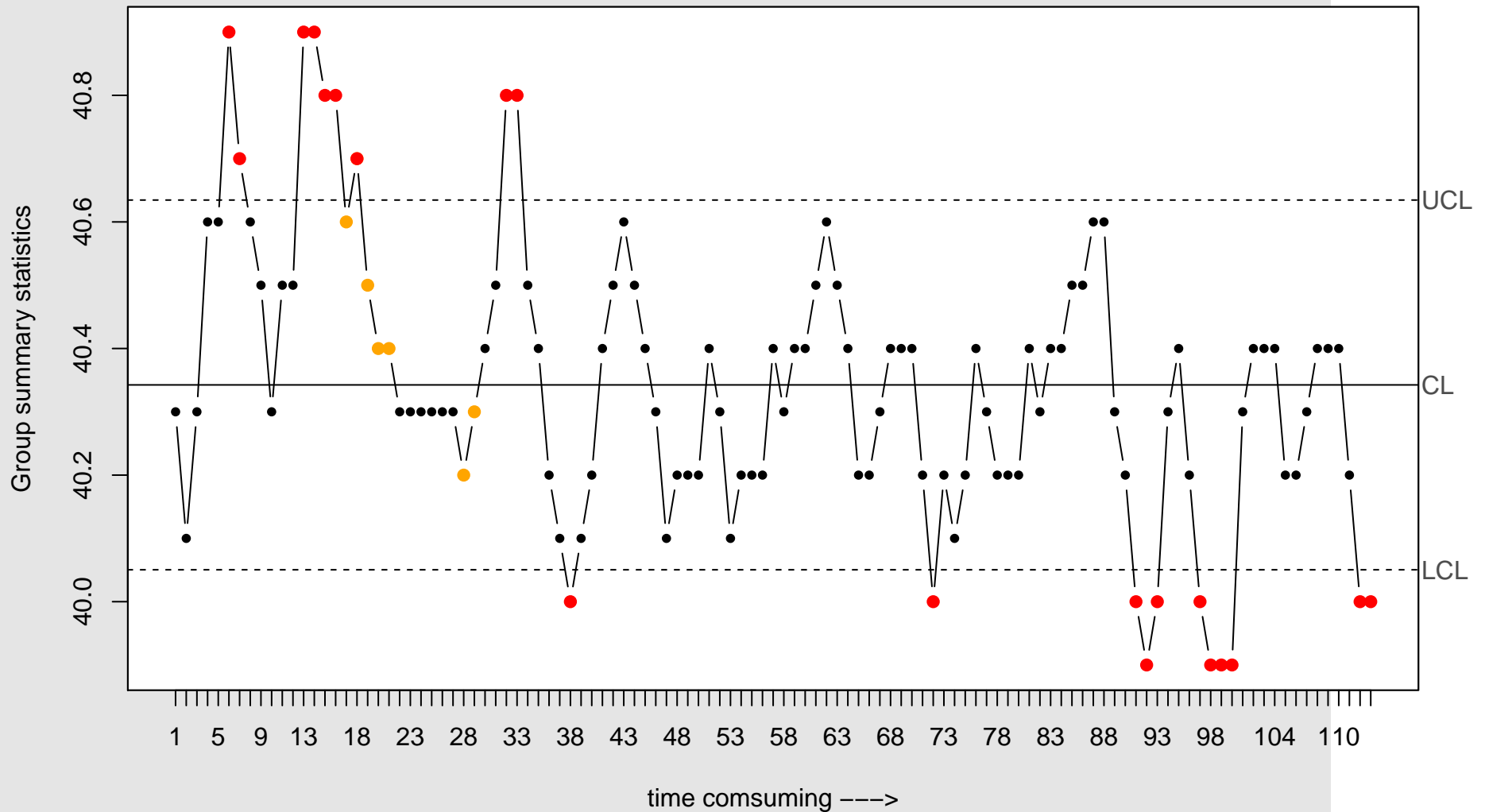
LCL = 40.08649

UCL = 40.6374

Number beyond limits = 14

Number violating runs = 23

## 72th column point of this product

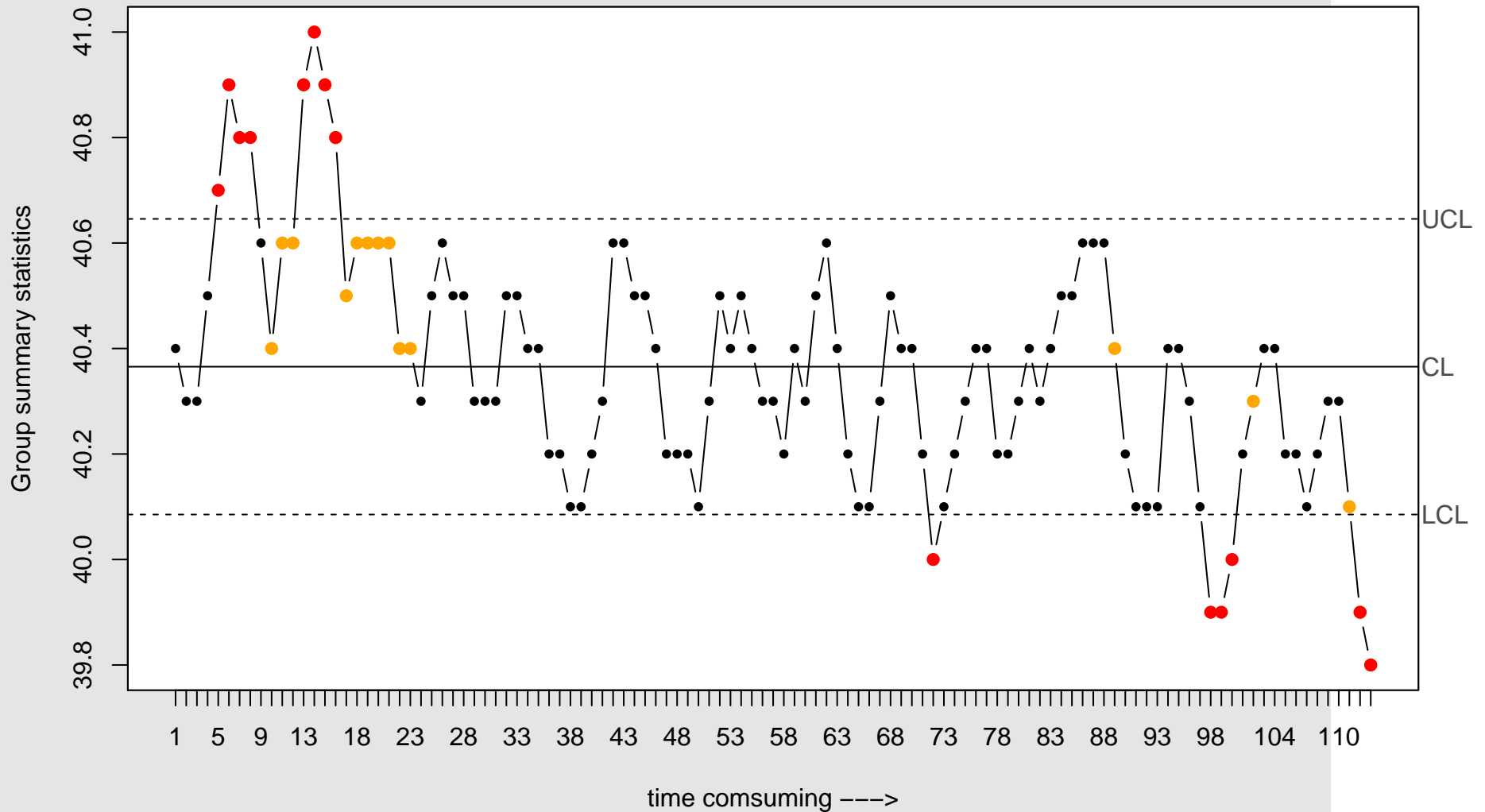


Number of groups = 113  
 Center = 40.34248  
 StdDev = 0.09735942

LCL = 40.0504  
 UCL = 40.63456

Number beyond limits = 20  
 Number violating runs = 7

# 73th column point of this product



Number of groups = 113

Center = 40.36549

StdDev = 0.09340172

LCL = 40.08528

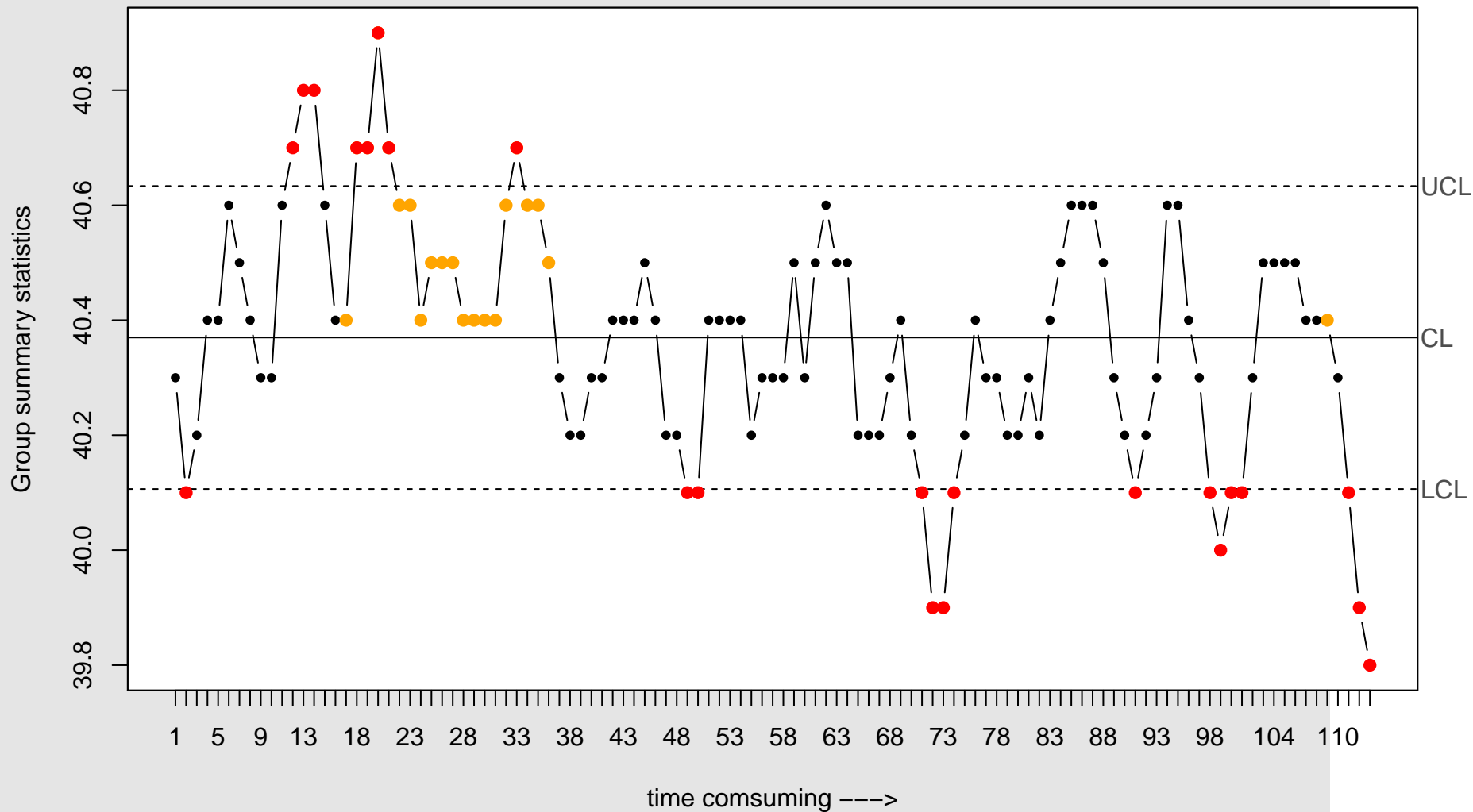
UCL = 40.64569

Number beyond limits = 14

Number violating runs = 19



# 74th column point of this product

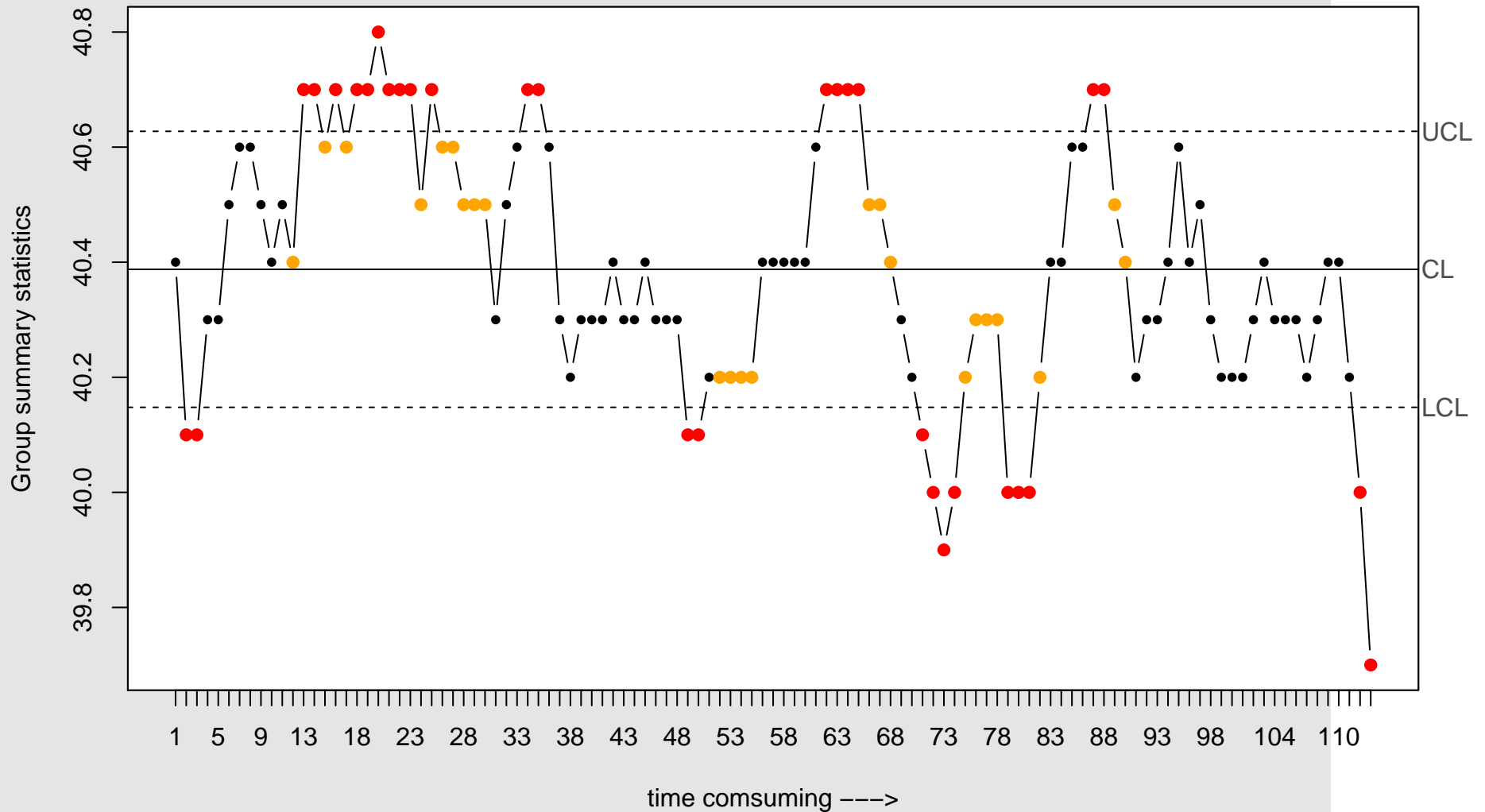


Number of groups = 113  
Center = 40.36991  
StdDev = 0.08786094

LCL = 40.10633  
UCL = 40.63349

Number beyond limits = 23  
Number violating runs = 21

# 75th column point of this product

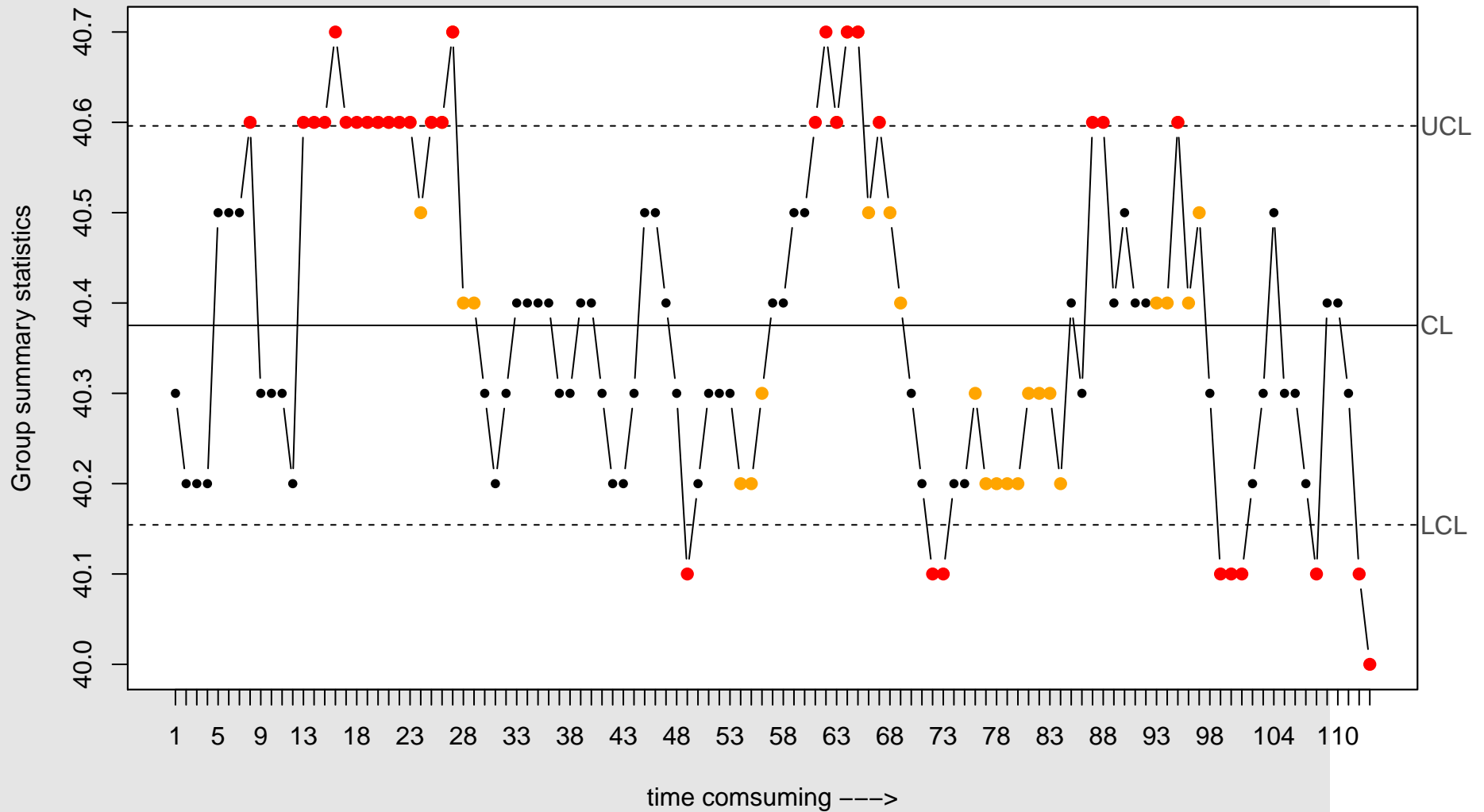


Number of groups = 113  
 Center = 40.38761  
 StdDev = 0.07994554

LCL = 40.14777  
 UCL = 40.62745

Number beyond limits = 31  
 Number violating runs = 40

## 76th column point of this product



Number of groups = 113

Center = 40.37522

StdDev = 0.07361322

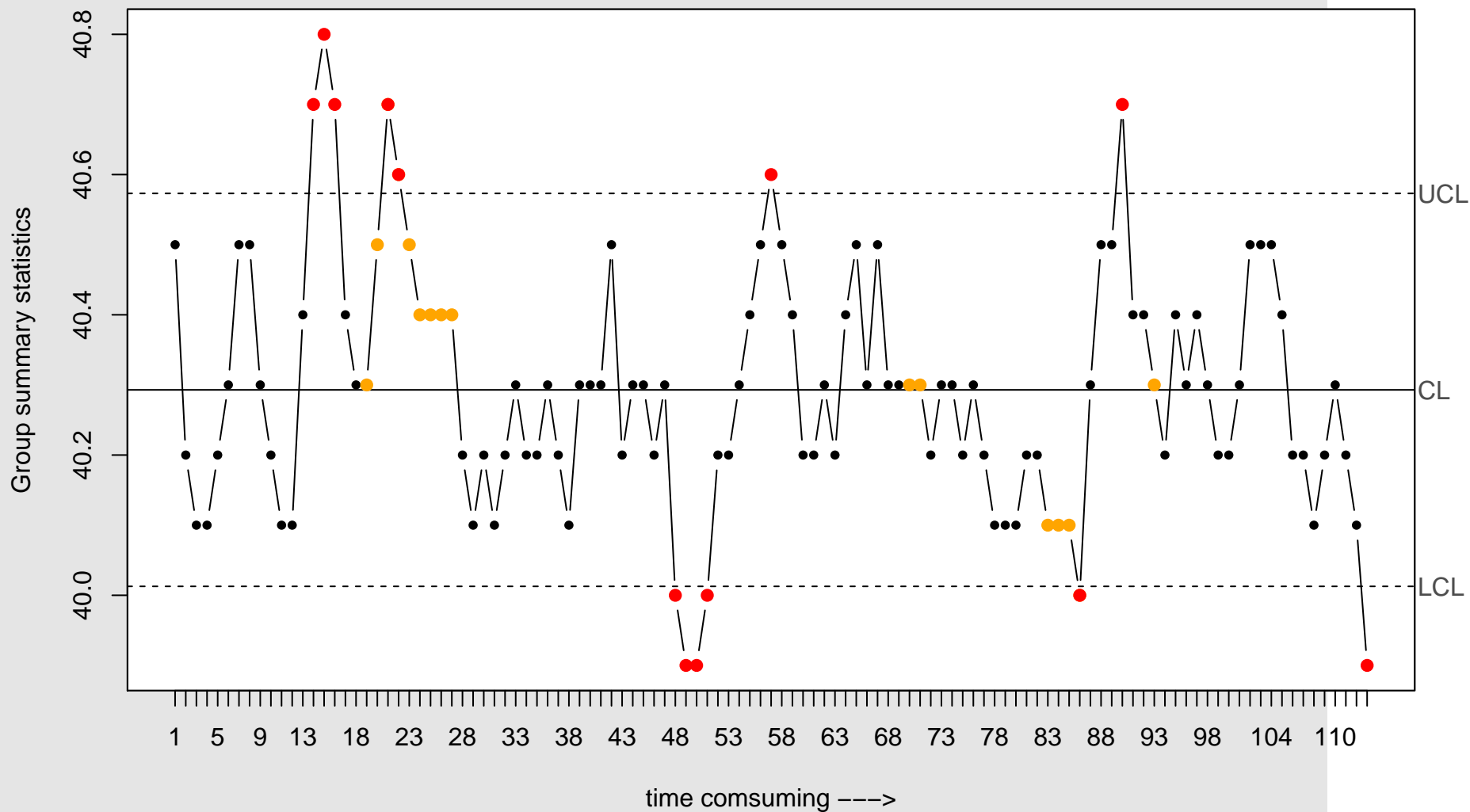
LCL = 40.15438

UCL = 40.59606

Number beyond limits = 33

Number violating runs = 35

# 77th column point of this product



Number of groups = 113

Center = 40.29292

StdDev = 0.09340172

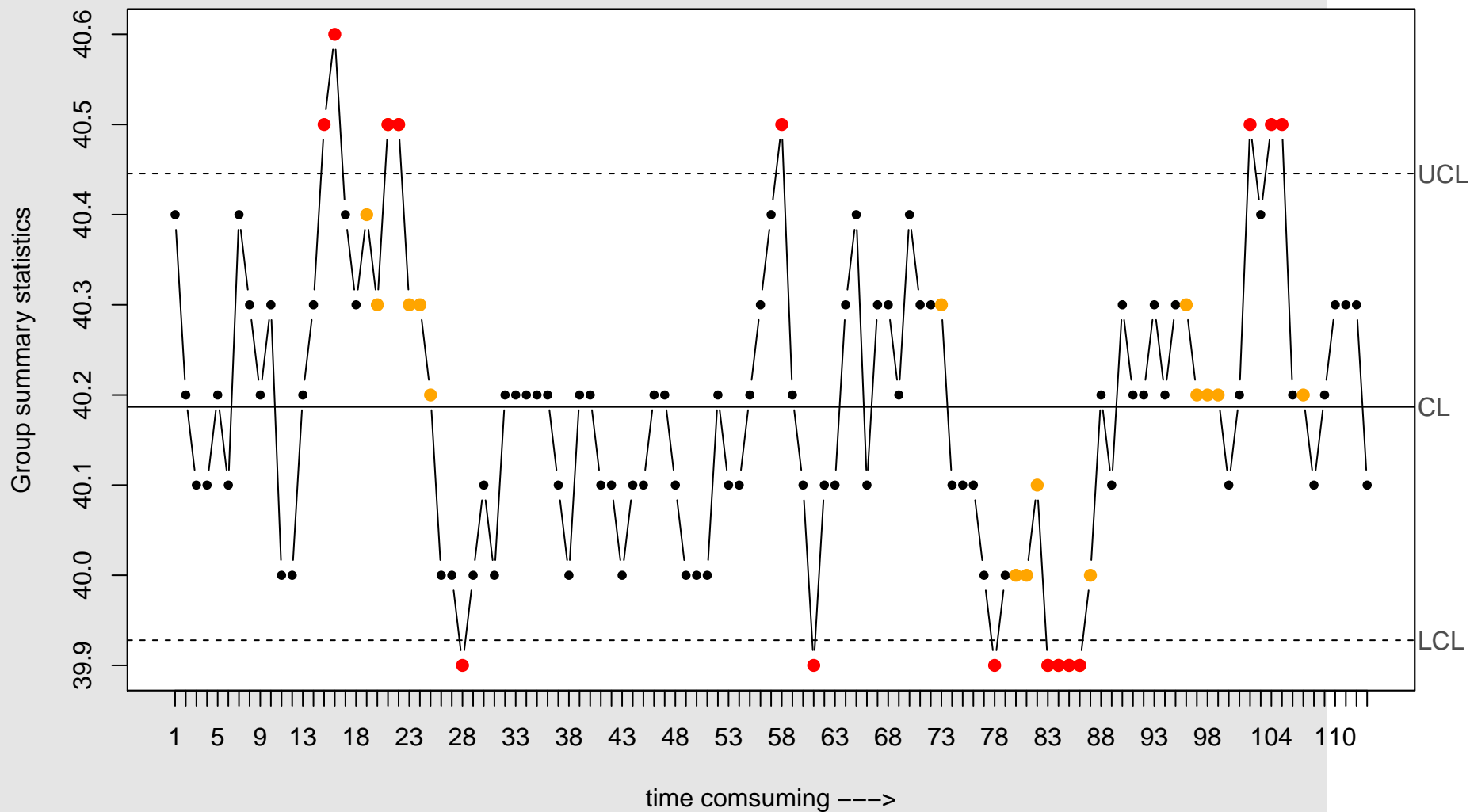
LCL = 40.01272

UCL = 40.57313

Number beyond limits = 13

Number violating runs = 16

# 78th column point of this product

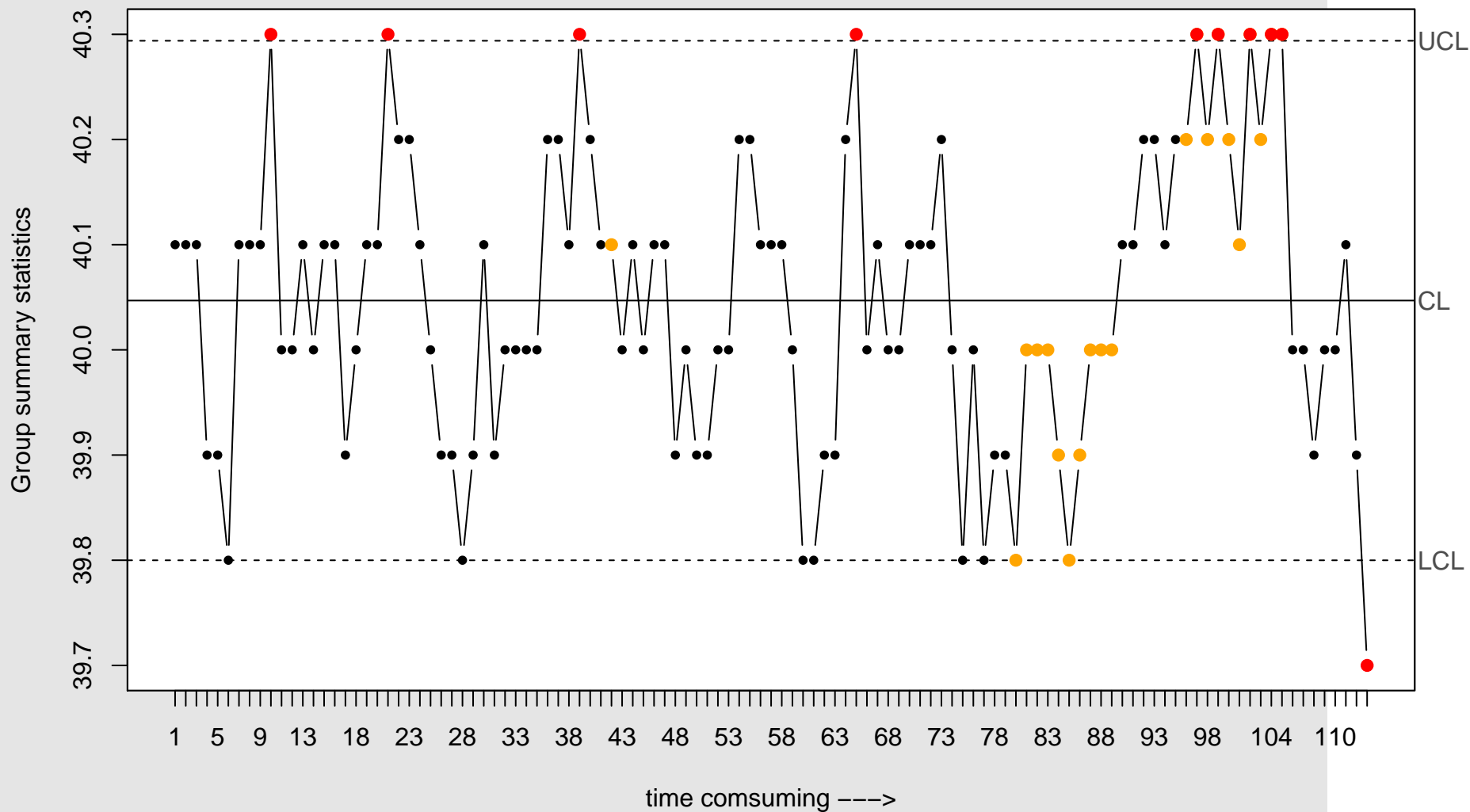


Number of groups = 113  
 Center = 40.18673  
 StdDev = 0.08627786

LCL = 39.92789  
 UCL = 40.44556

Number beyond limits = 15  
 Number violating runs = 21

# 79th column point of this product

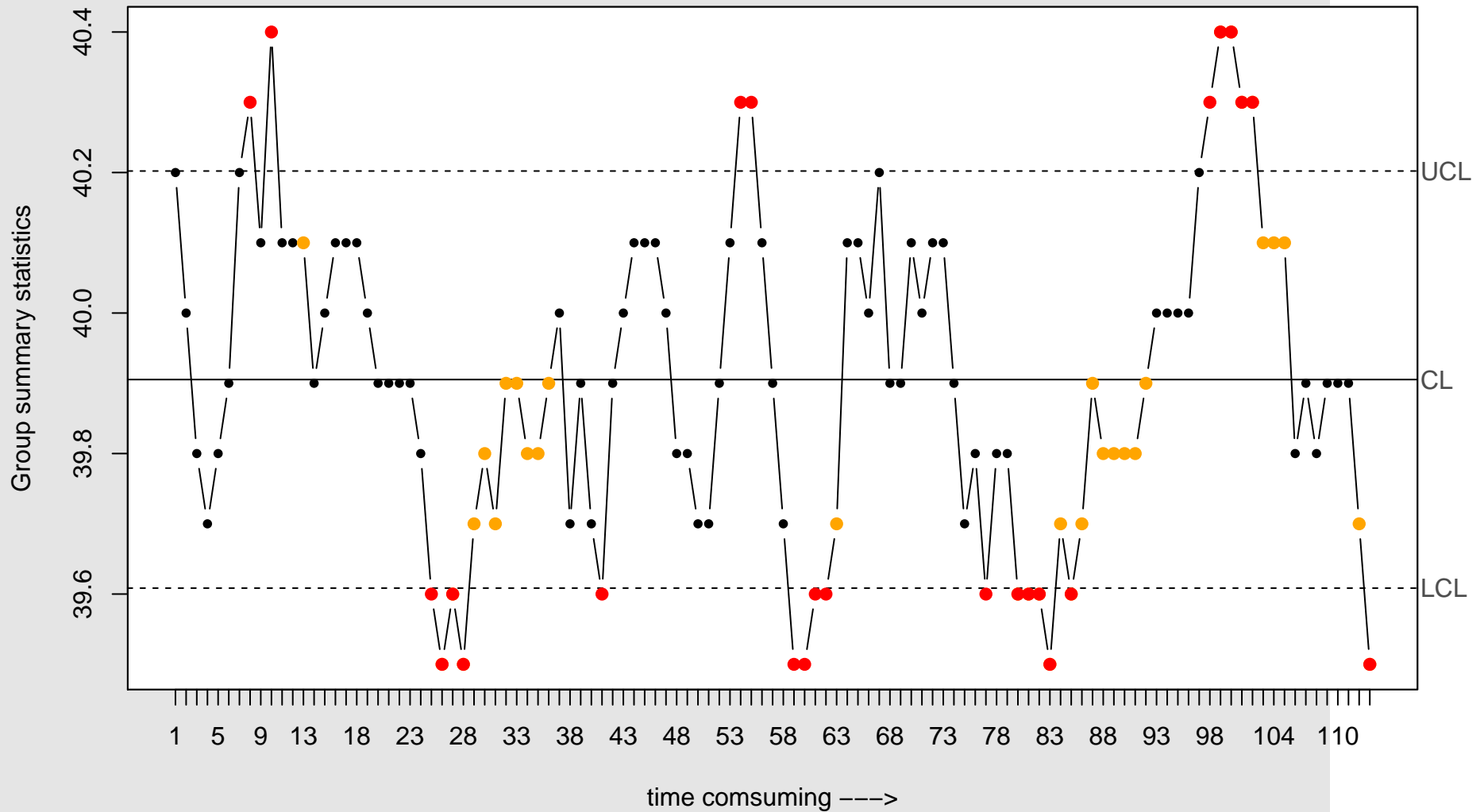


Number of groups = 113  
 Center = 40.0469  
 StdDev = 0.08232016

LCL = 39.79994  
 UCL = 40.29386

Number beyond limits = 10  
 Number violating runs = 21

# 80th column point of this product



Number of groups = 113

Center = 39.90531

StdDev = 0.0989425

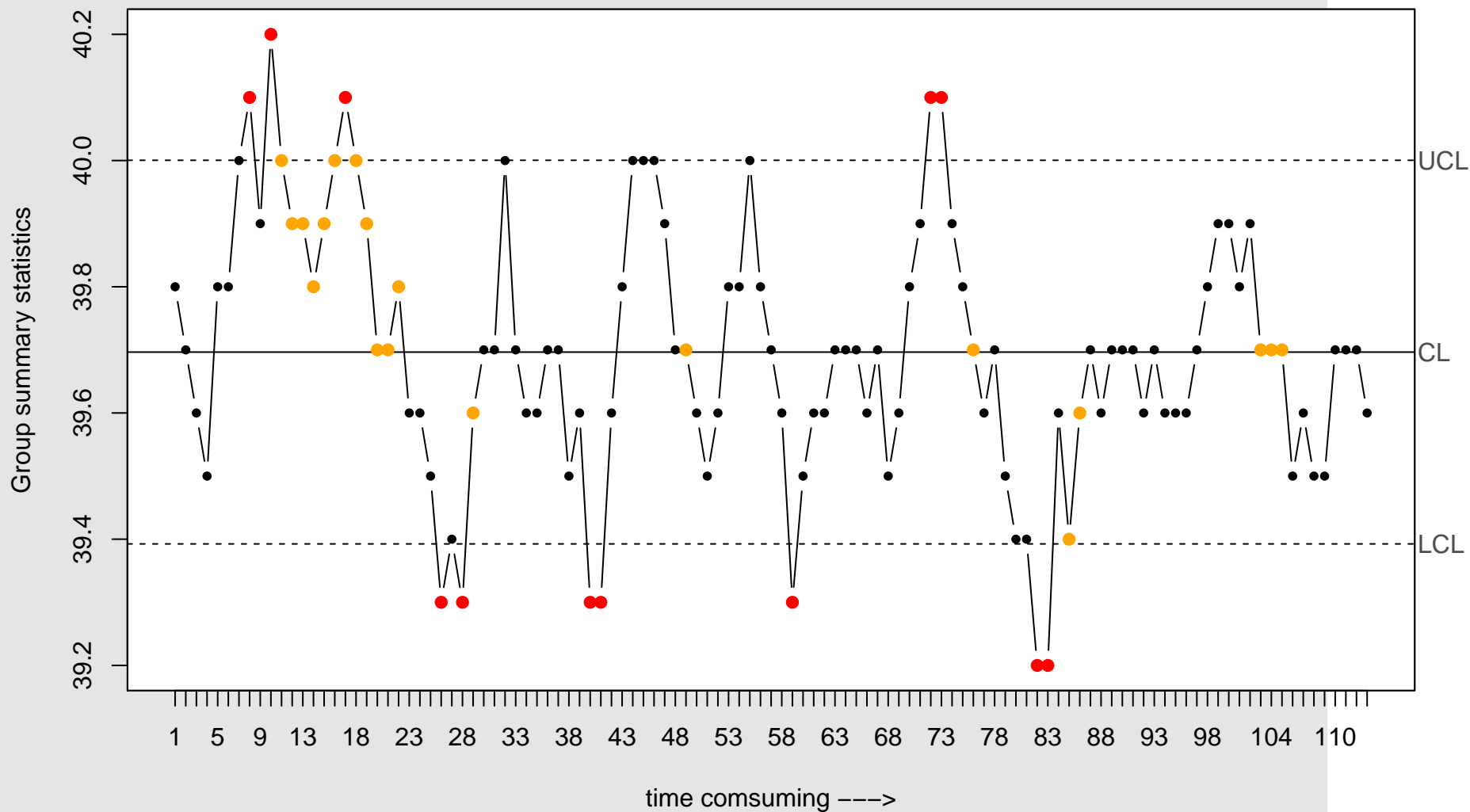
LCL = 39.60848

UCL = 40.20214

Number beyond limits = 25

Number violating runs = 35

# 81th column point of this product



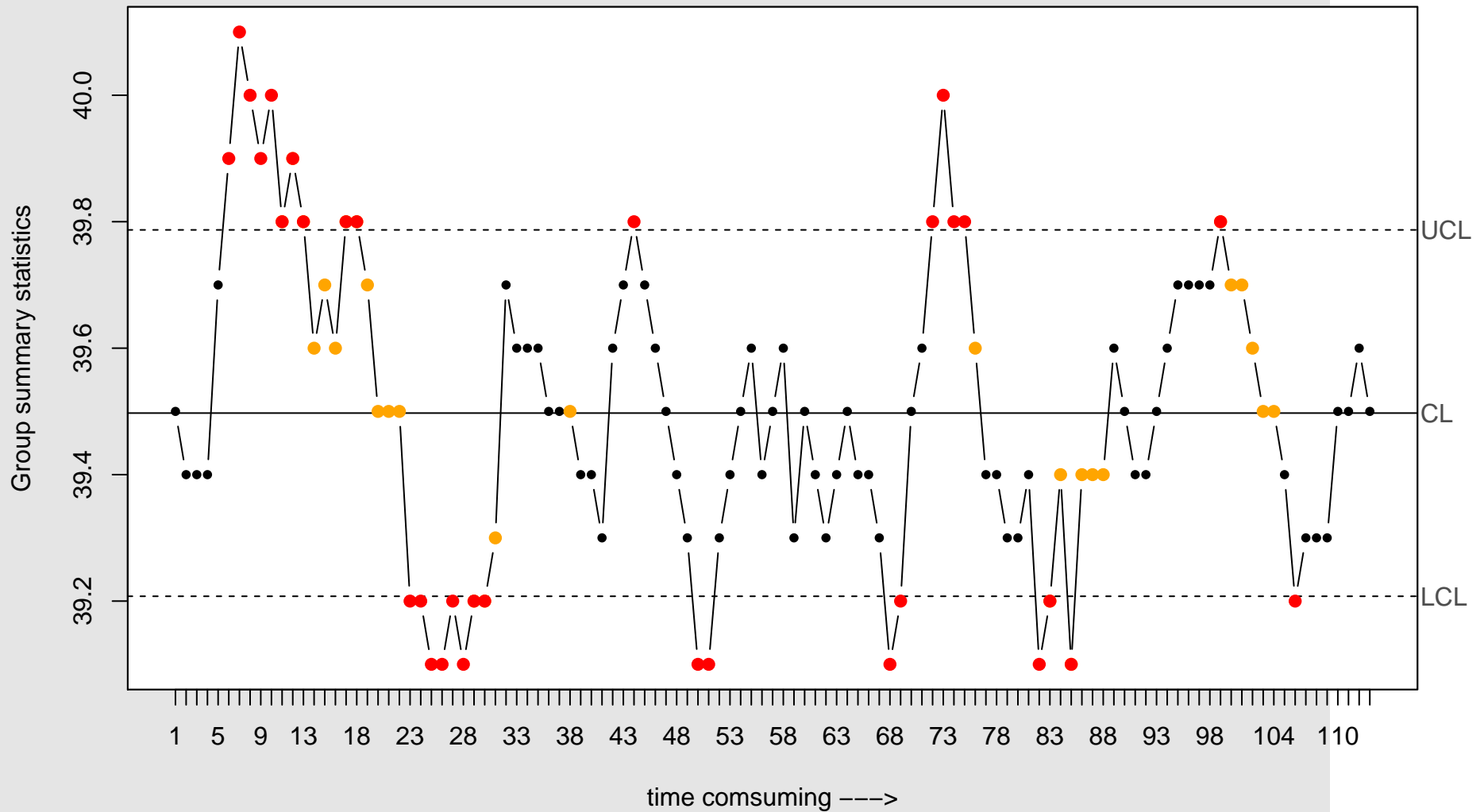
Number of groups = 113  
 Center = 39.69646  
 StdDev = 0.1013171

LCL = 39.39251  
 UCL = 40.00041

Number beyond limits = 12  
 Number violating runs = 20



# 82th column point of this product

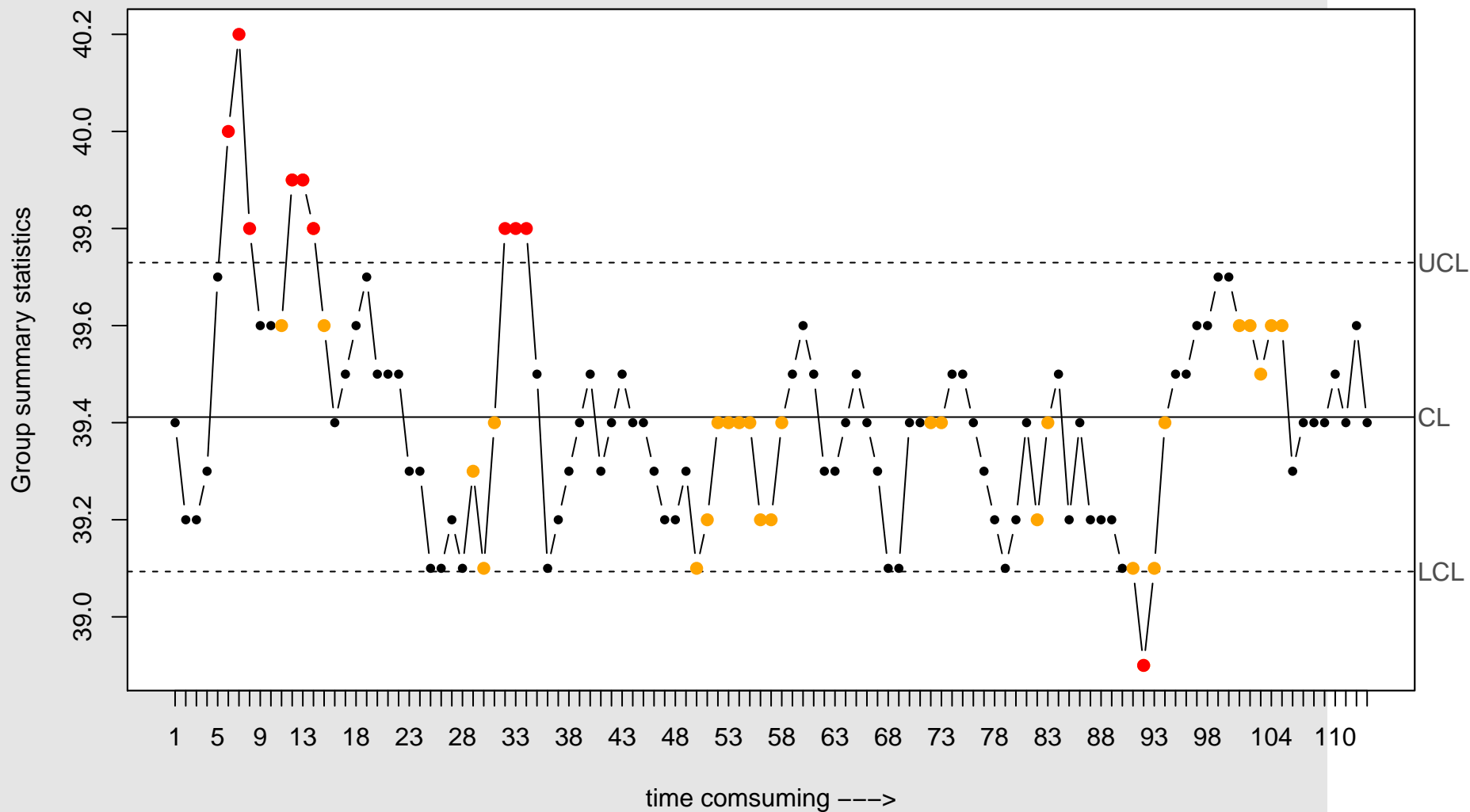


Number of groups = 113  
 Center = 39.49735  
 StdDev = 0.09656788

LCL = 39.20764  
 UCL = 39.78705

Number beyond limits = 32  
 Number violating runs = 29

# 83th column point of this product



Number of groups = 113

Center = 39.4115

StdDev = 0.1060664

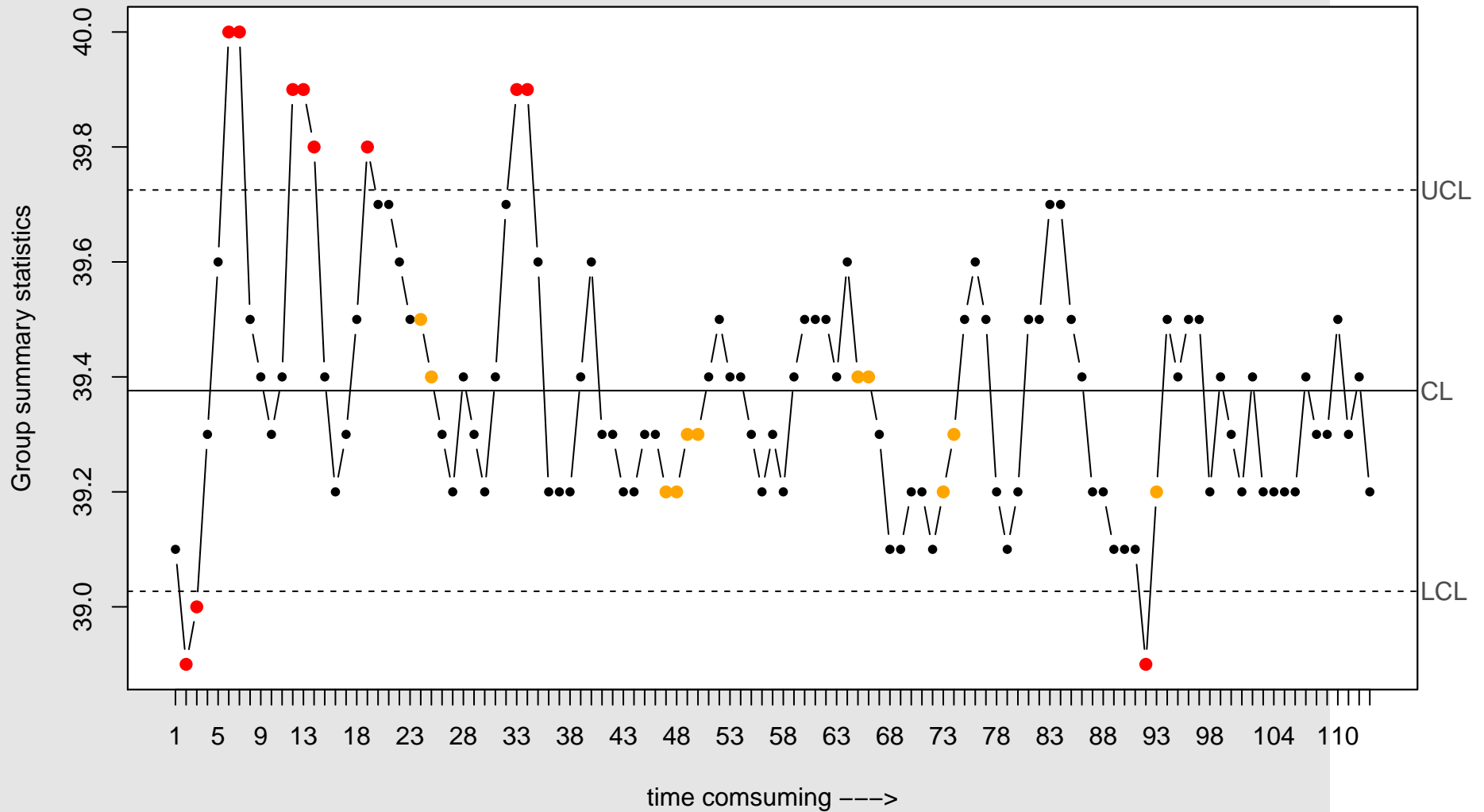
LCL = 39.09331

UCL = 39.7297

Number beyond limits = 10

Number violating runs = 30

# 84th column point of this product



Number of groups = 113

Center = 39.37611

StdDev = 0.1163564

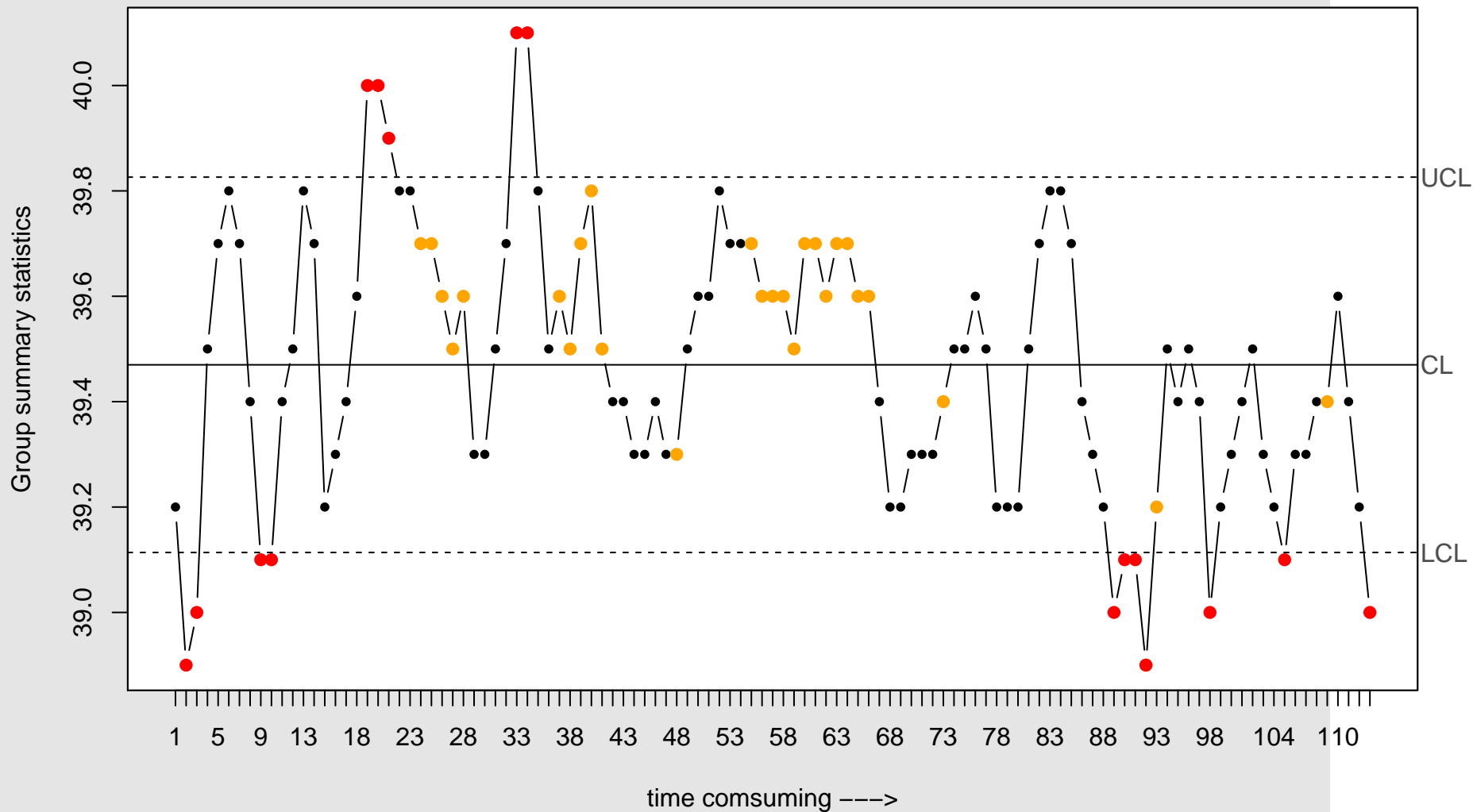
LCL = 39.02704

UCL = 39.72518

Number beyond limits = 11

Number violating runs = 11

# 85th column point of this product

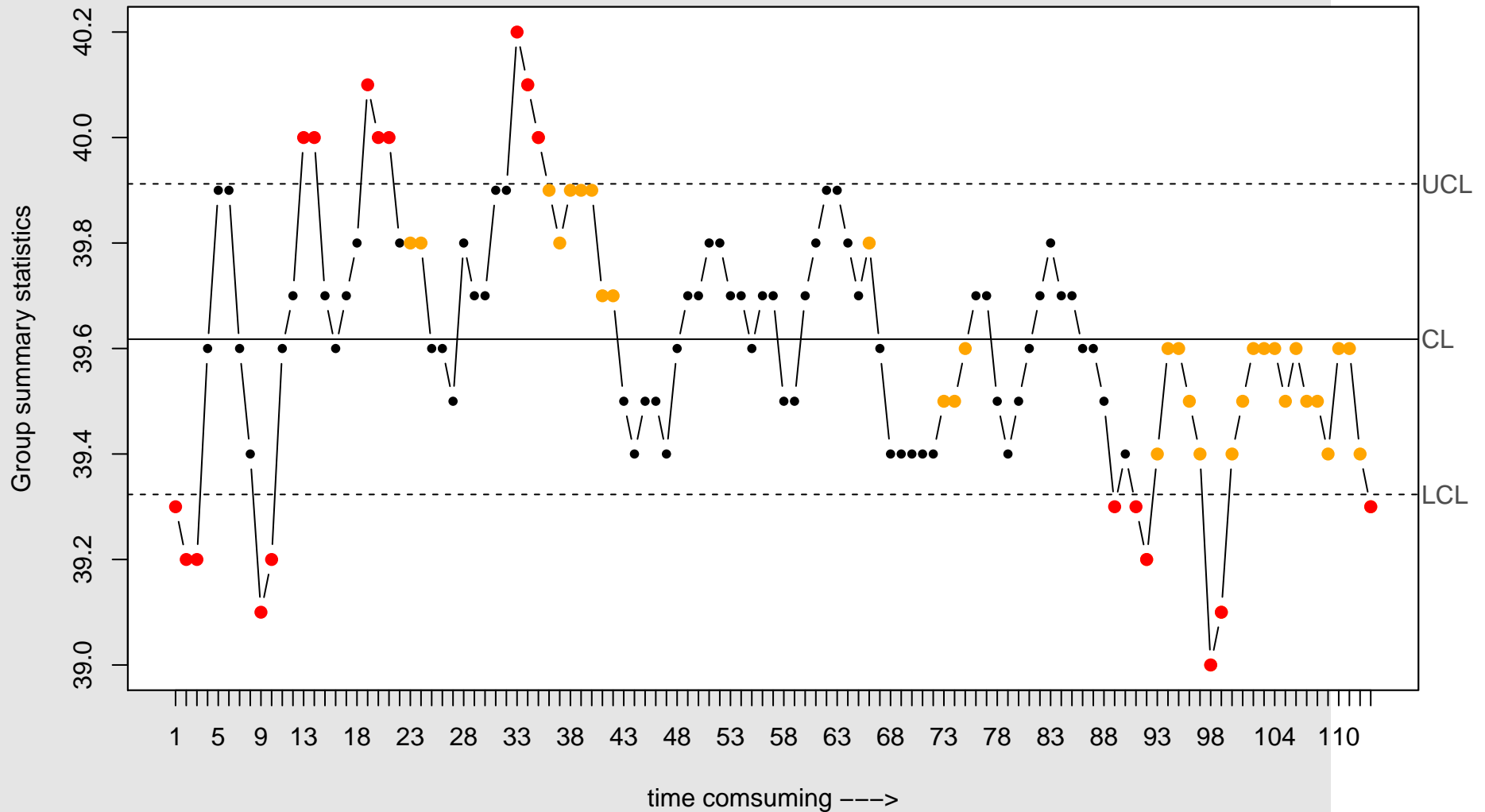


Number of groups = 113  
Center = 39.46991  
StdDev = 0.118731

LCL = 39.11372  
UCL = 39.8261

Number beyond limits = 16  
Number violating runs = 27

# 86th column point of this product



Number of groups = 113

Center = 39.6177

StdDev = 0.09815096

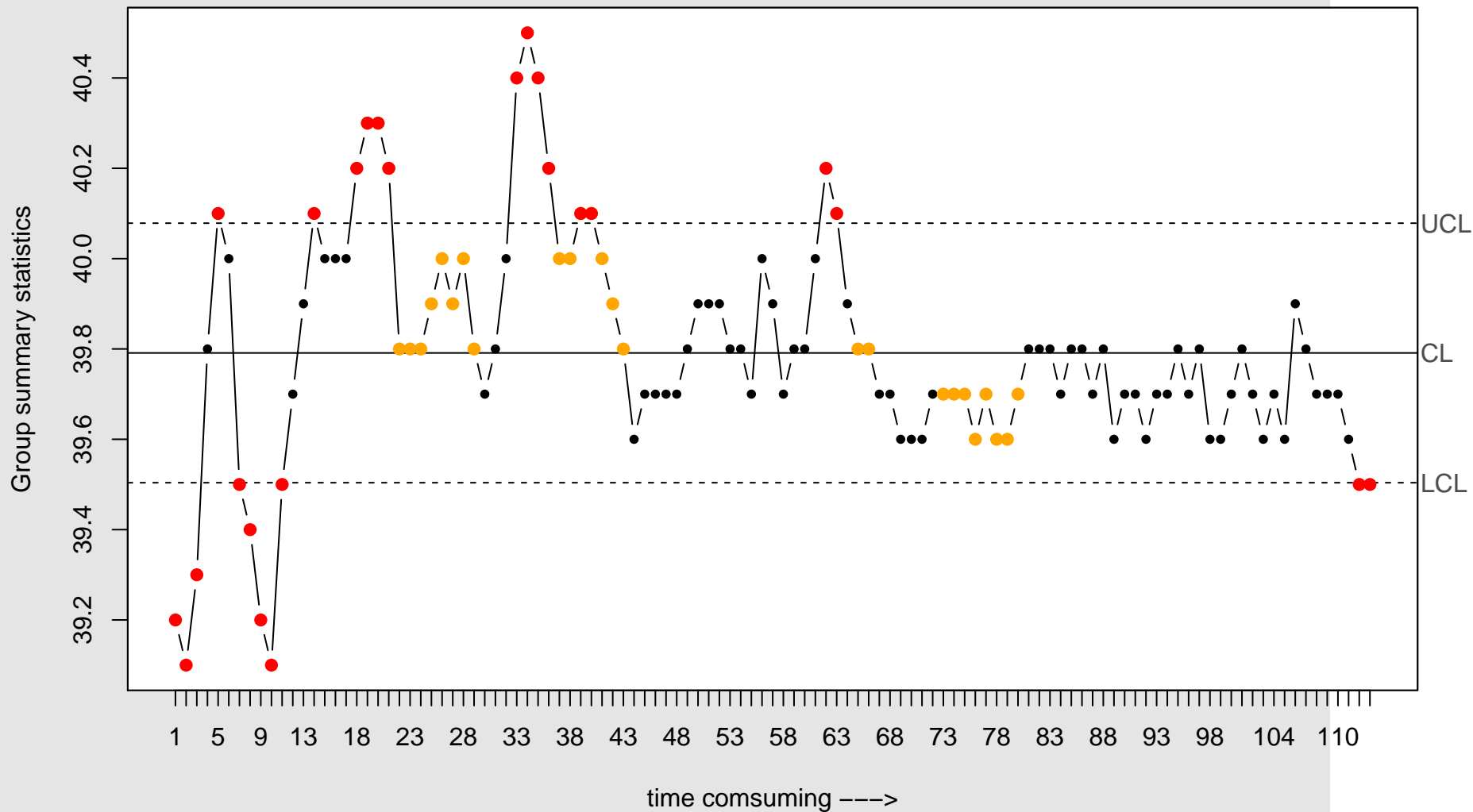
LCL = 39.32325

UCL = 39.91215

Number beyond limits = 19

Number violating runs = 37

# 87th column point of this product

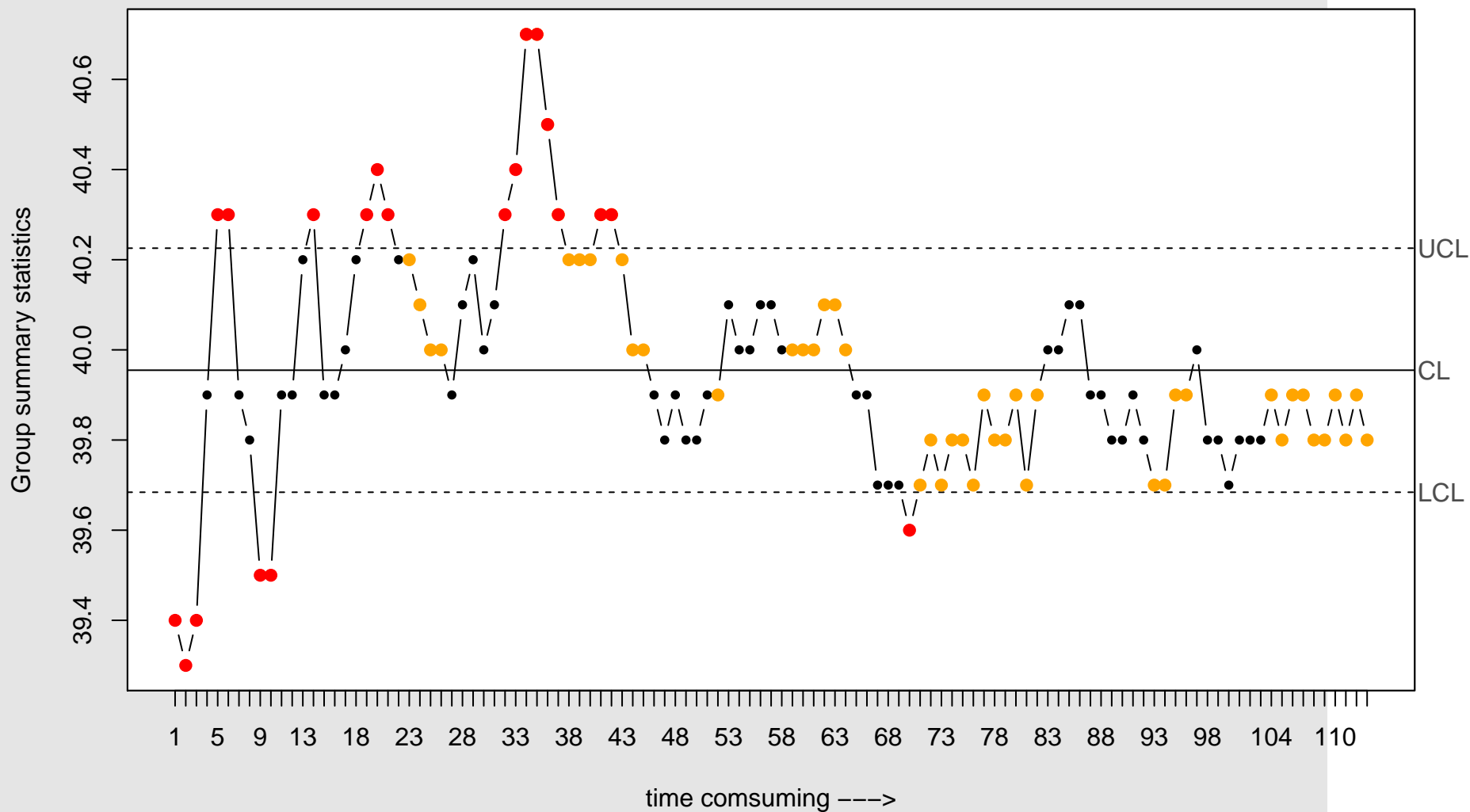


Number of groups = 113  
 Center = 39.79115  
 StdDev = 0.09577634

LCL = 39.50382  
 UCL = 40.07848

Number beyond limits = 24  
 Number violating runs = 28

# 88th column point of this product

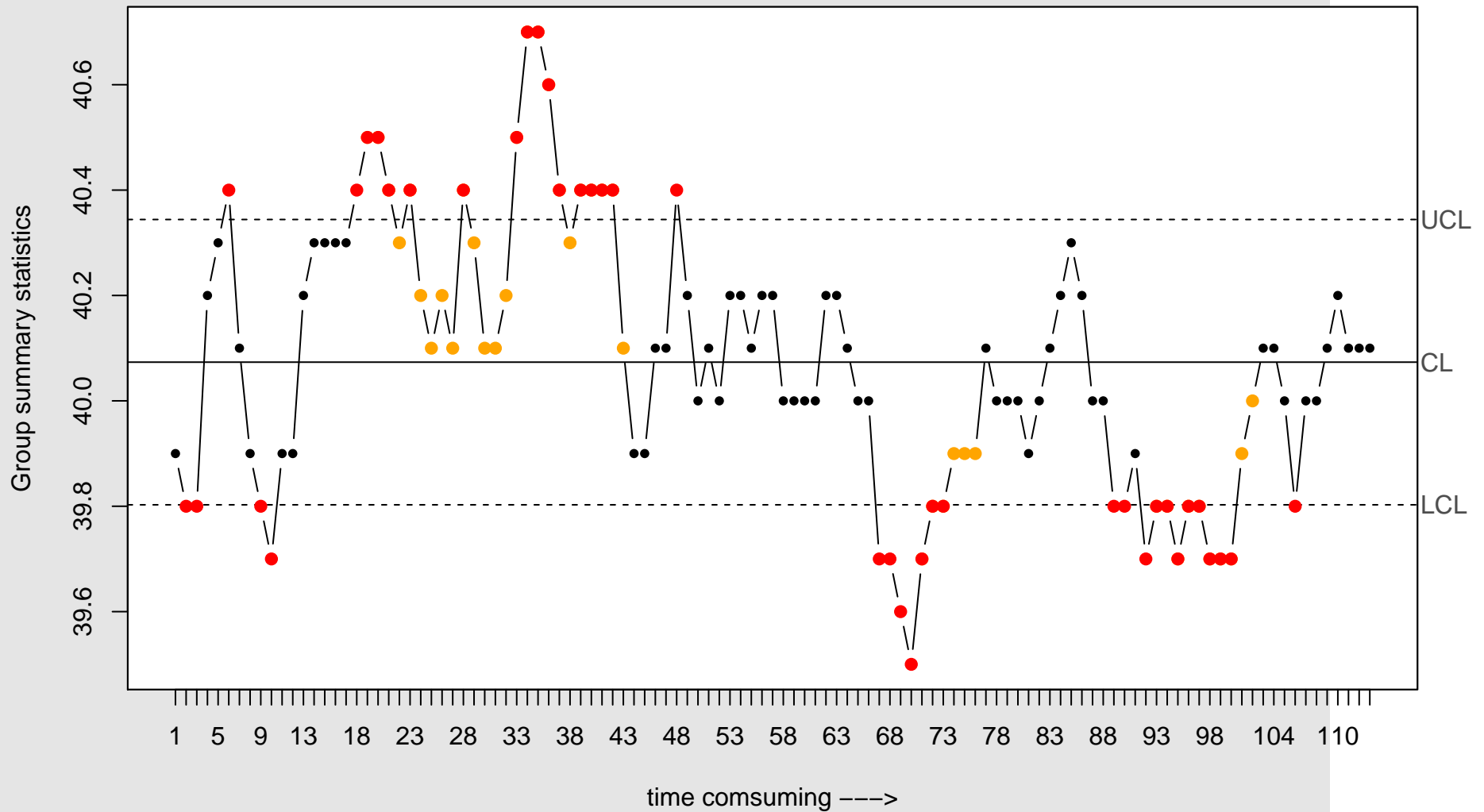


Number of groups = 113  
 Center = 39.95487  
 StdDev = 0.09023556

LCL = 39.68416  
 UCL = 40.22557

Number beyond limits = 20  
 Number violating runs = 49

# 89th column point of this product



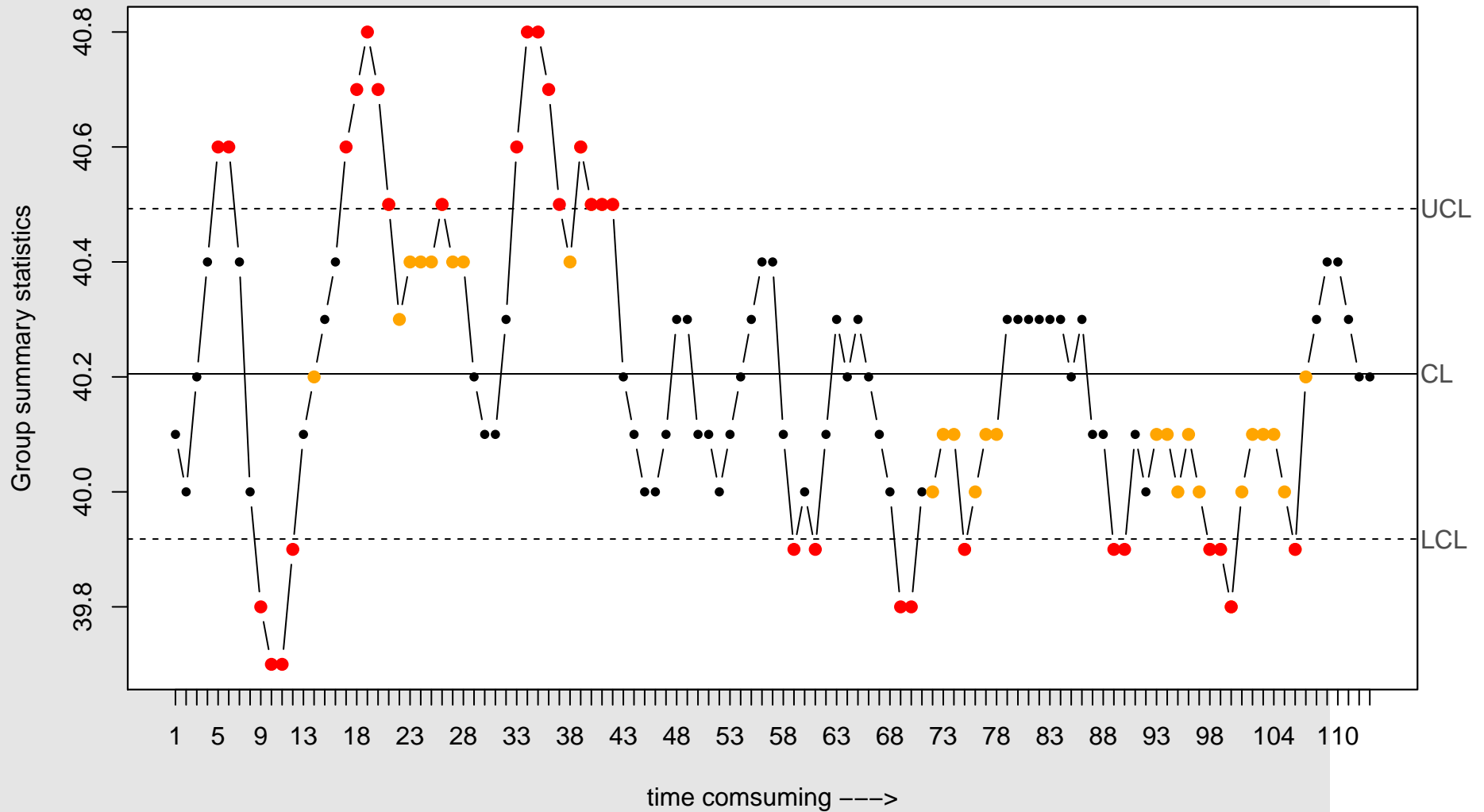
Number of groups = 113  
 Center = 40.07345  
 StdDev = 0.09023556

LCL = 39.80274  
 UCL = 40.34416

Number beyond limits = 40  
 Number violating runs = 41



# 90th column point of this product

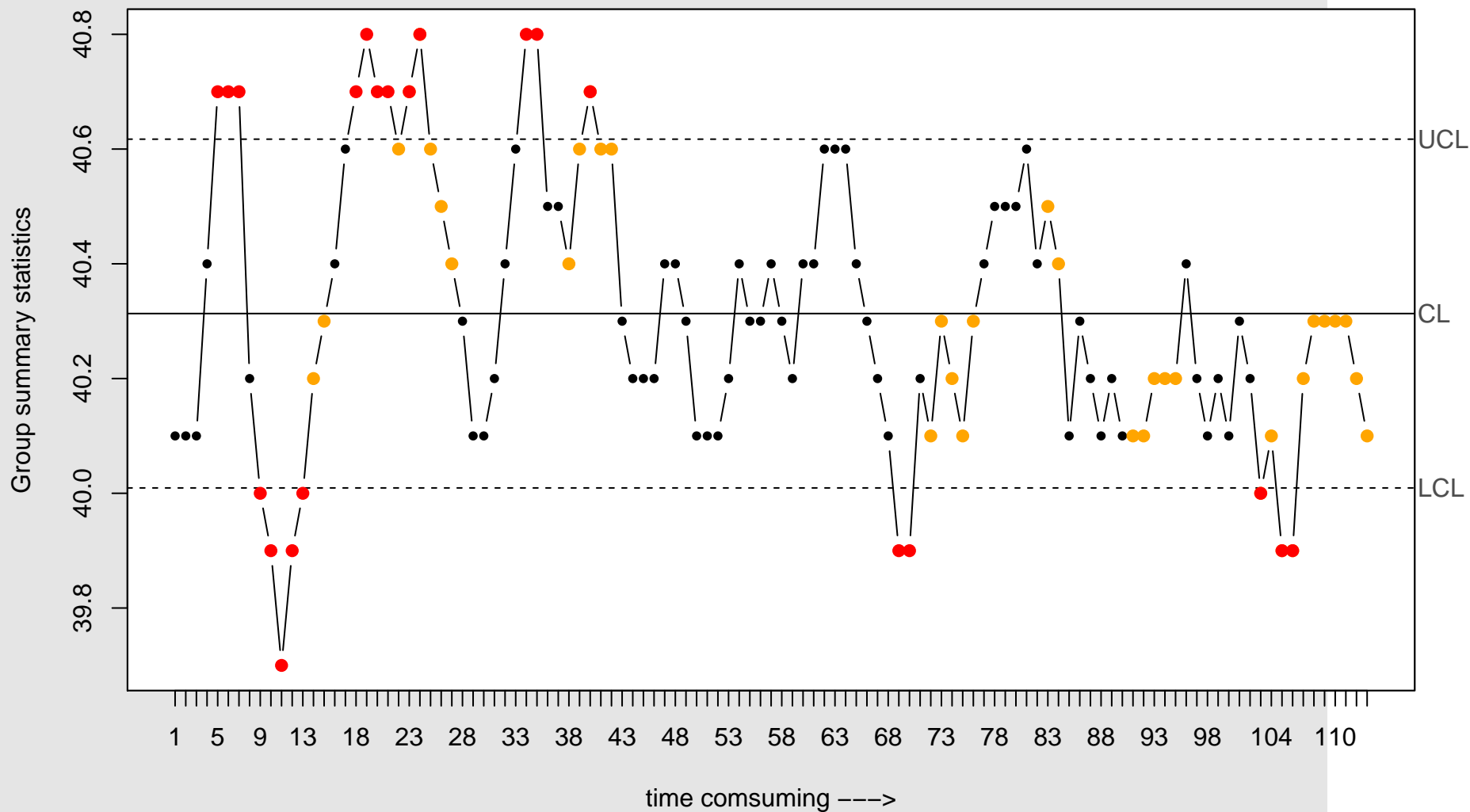


Number of groups = 113  
 Center = 40.20531  
 StdDev = 0.09577634

LCL = 39.91798  
 UCL = 40.49264

Number beyond limits = 32  
 Number violating runs = 36

# 91th column point of this product

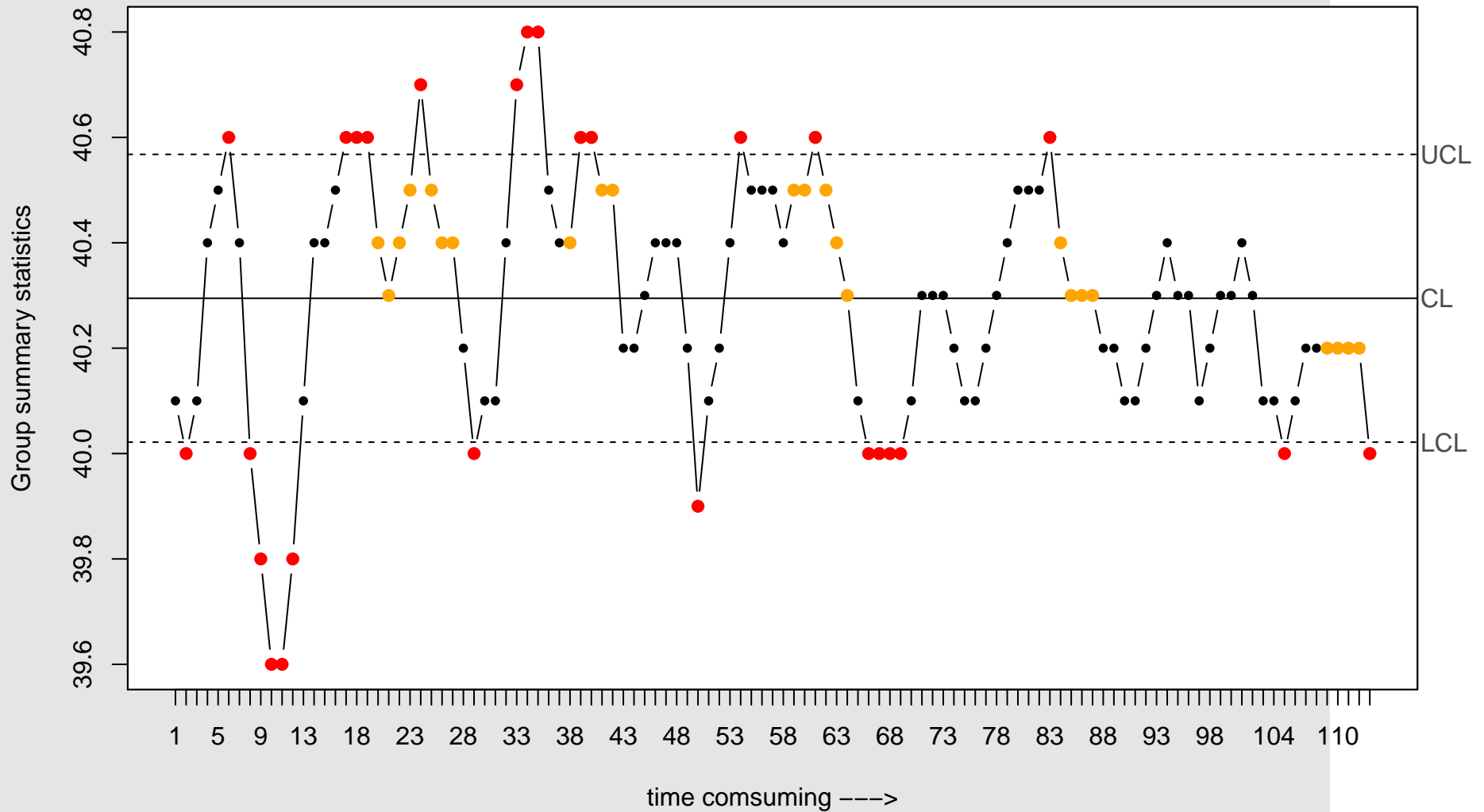


Number of groups = 113  
Center = 40.31327  
StdDev = 0.1013171

LCL = 40.00932  
UCL = 40.61723

Number beyond limits = 22  
Number violating runs = 36

# 92th column point of this product



Number of groups = 113

Center = 40.29469

StdDev = 0.0910271

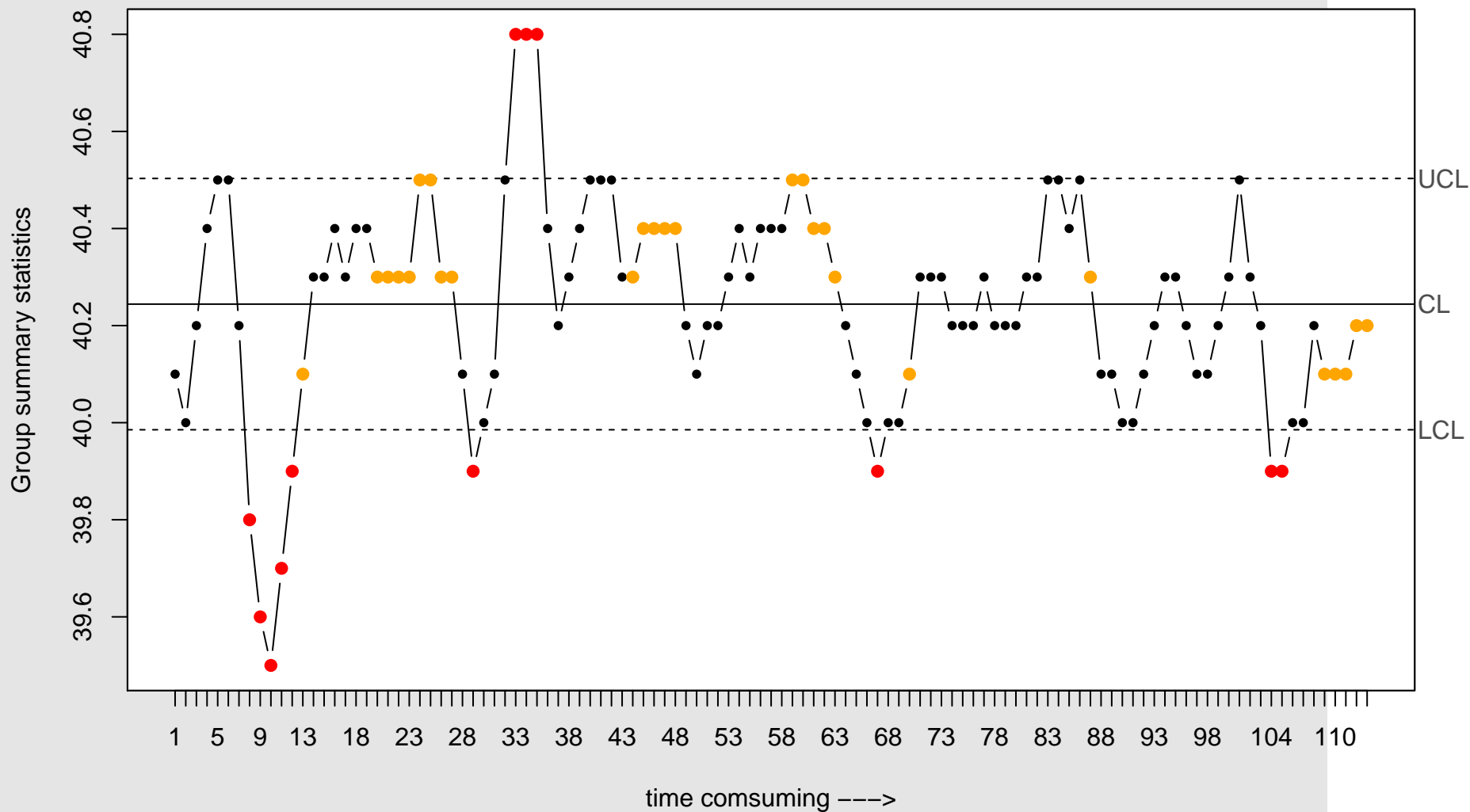
LCL = 40.02161

UCL = 40.56777

Number beyond limits = 27

Number violating runs = 28

# 93th column point of this product

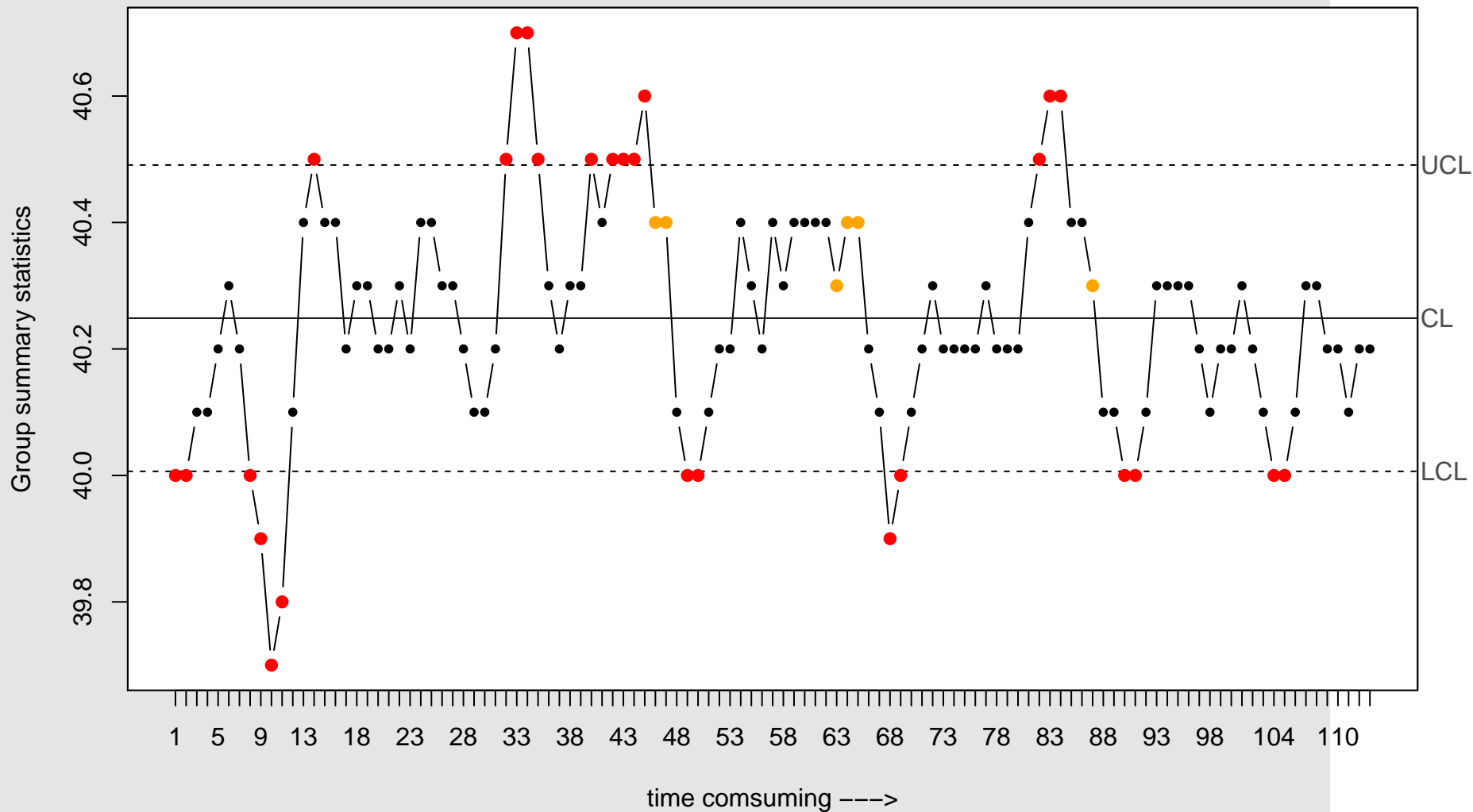


Number of groups = 113  
 Center = 40.24425  
 StdDev = 0.08627786

LCL = 39.98541  
 UCL = 40.50308

Number beyond limits = 12  
 Number violating runs = 26

# 94th column point of this product

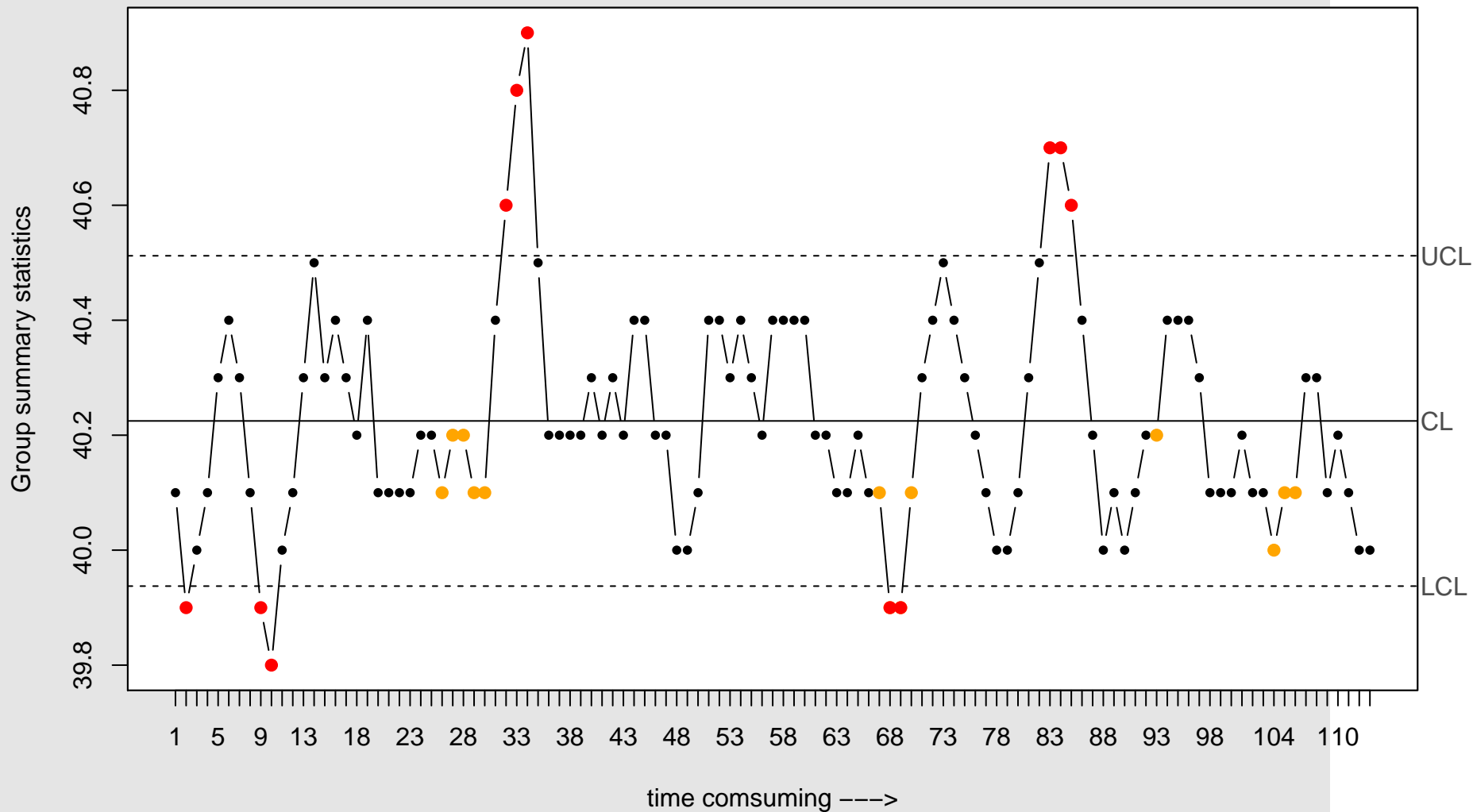


Number of groups = 113  
Center = 40.24867  
StdDev = 0.08073708

LCL = 40.00646  
UCL = 40.49088

Number beyond limits = 27  
Number violating runs = 8

# 95th column point of this product



Number of groups = 113

Center = 40.22478

StdDev = 0.09577634

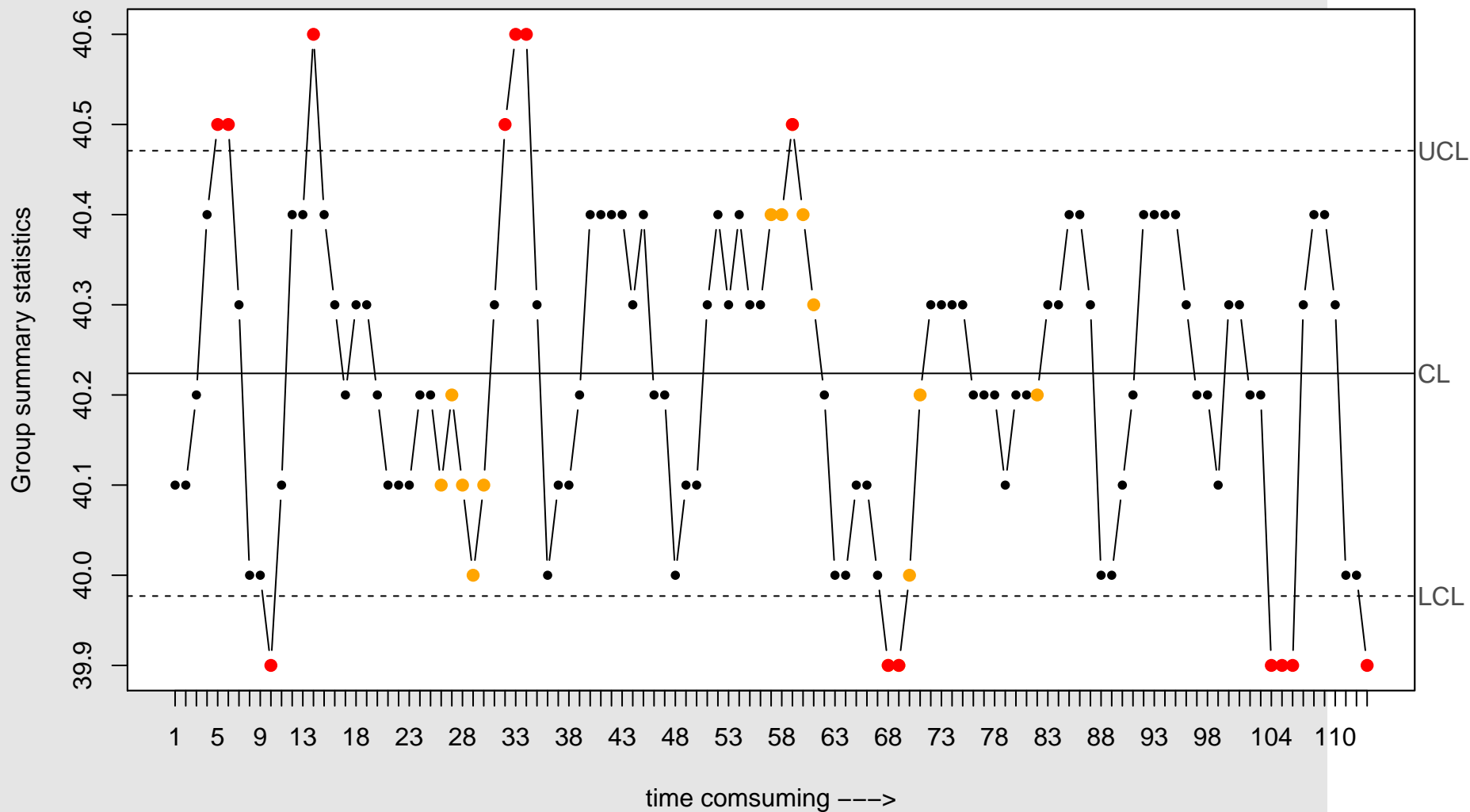
LCL = 39.93745

UCL = 40.51211

Number beyond limits = 11

Number violating runs = 13

# 96th column point of this product

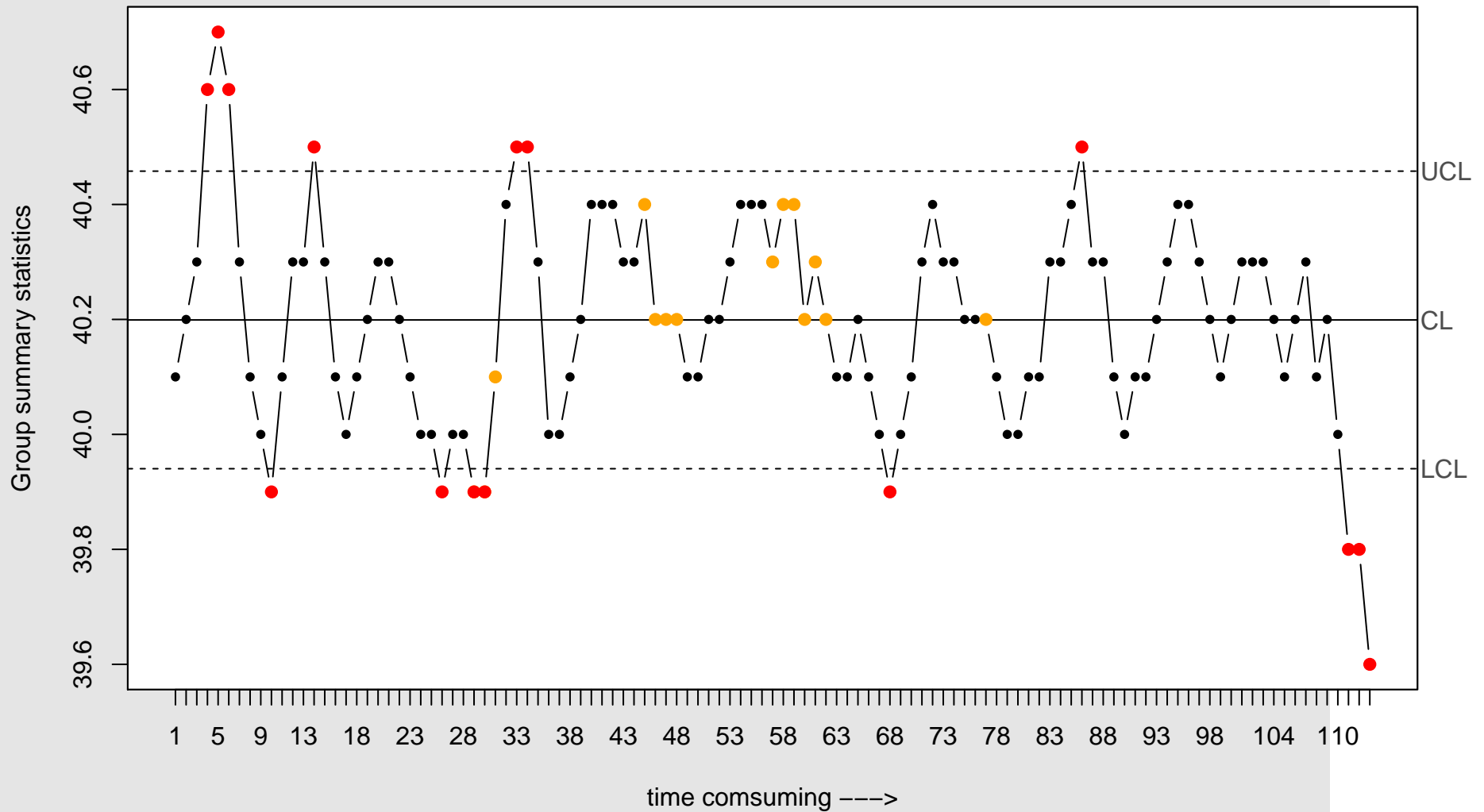


Number of groups = 113  
 Center = 40.22389  
 StdDev = 0.08232016

LCL = 39.97693  
 UCL = 40.47085

Number beyond limits = 14  
 Number violating runs = 15

# 97th column point of this product



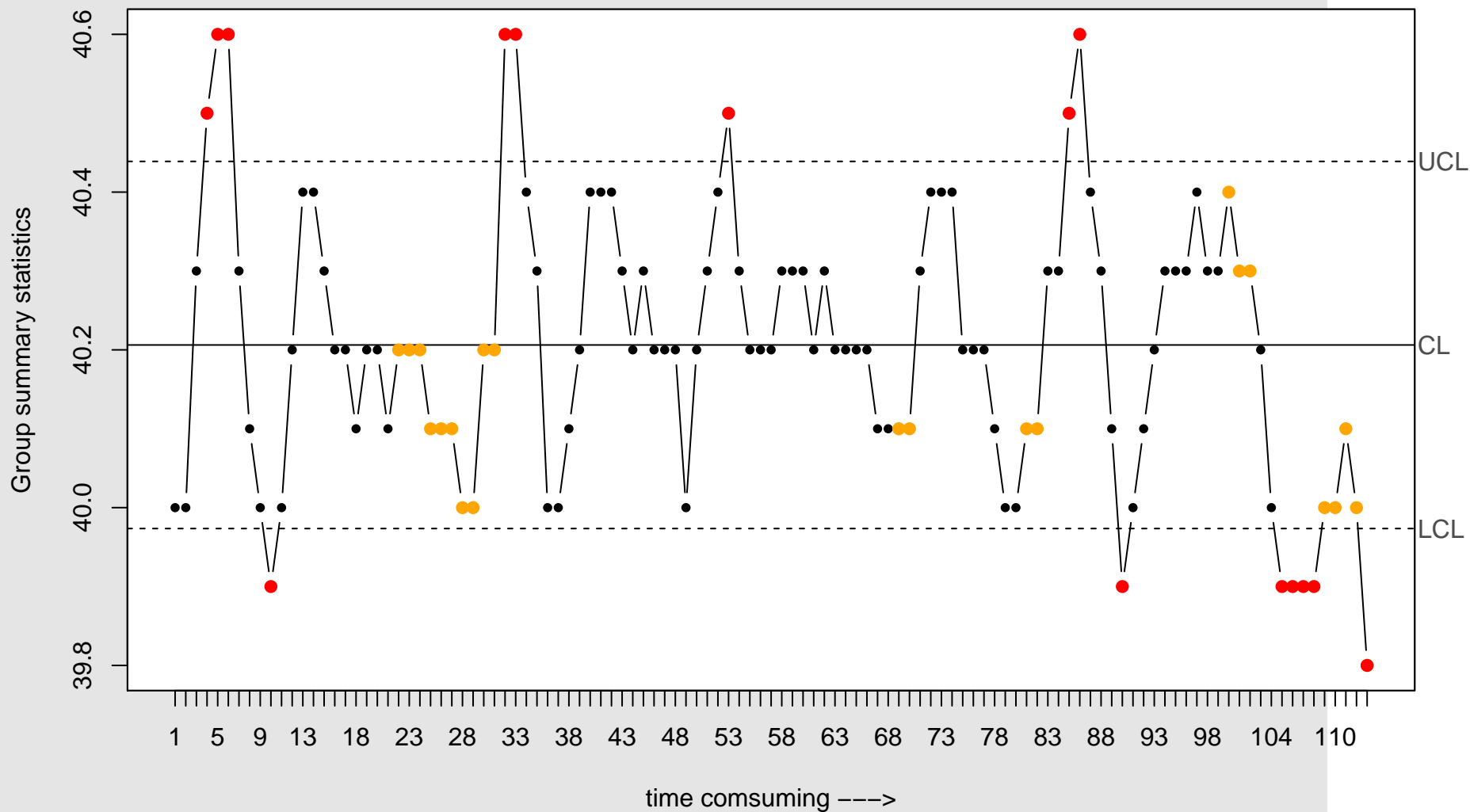
Number of groups = 113  
 Center = 40.19912  
 StdDev = 0.08627786

LCL = 39.94028  
 UCL = 40.45795

Number beyond limits = 15  
 Number violating runs = 14



# 98th column point of this product

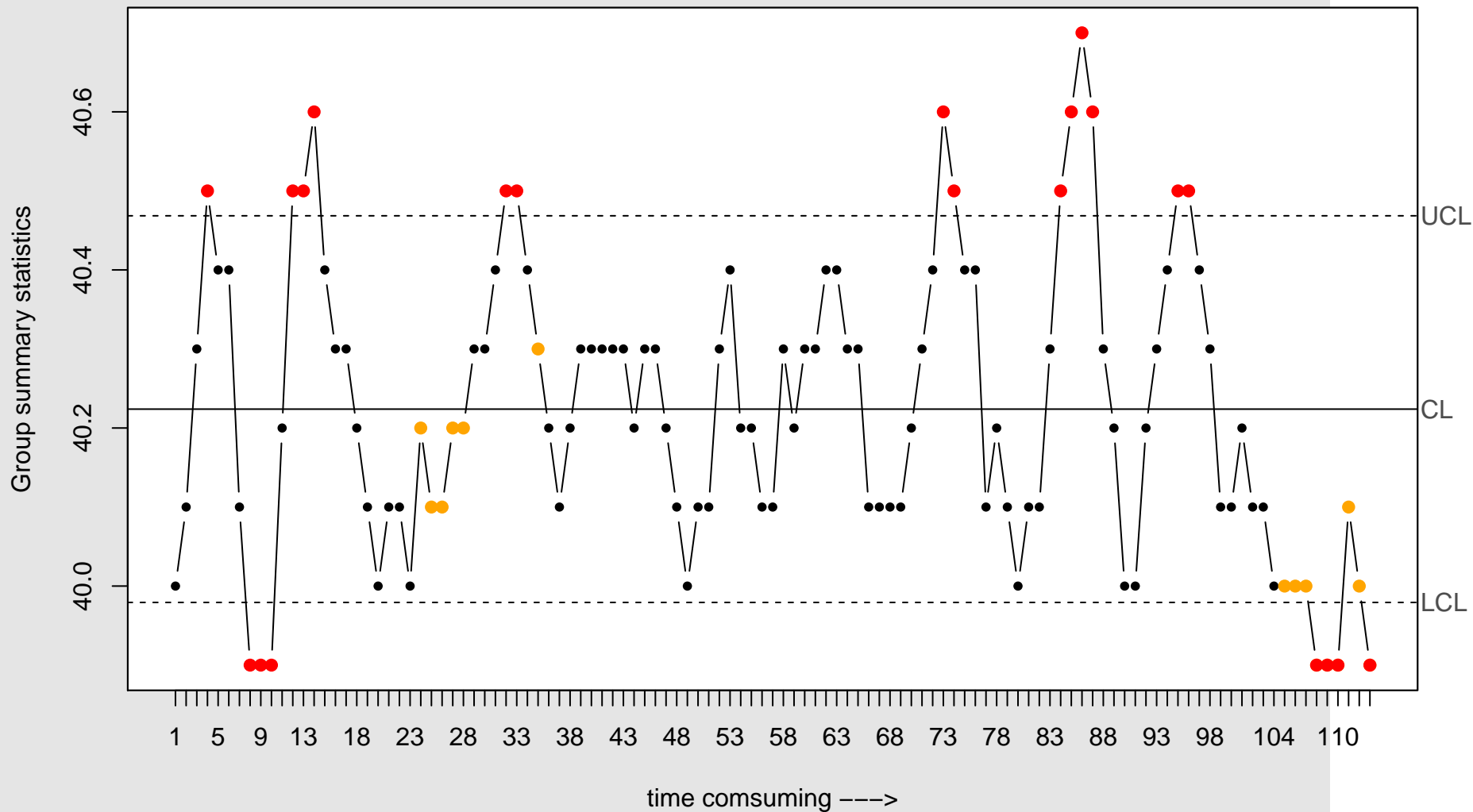


Number of groups = 113  
 Center = 40.20619  
 StdDev = 0.07757092

LCL = 39.97348  
 UCL = 40.43891

Number beyond limits = 15  
 Number violating runs = 22

# 99th column point of this product

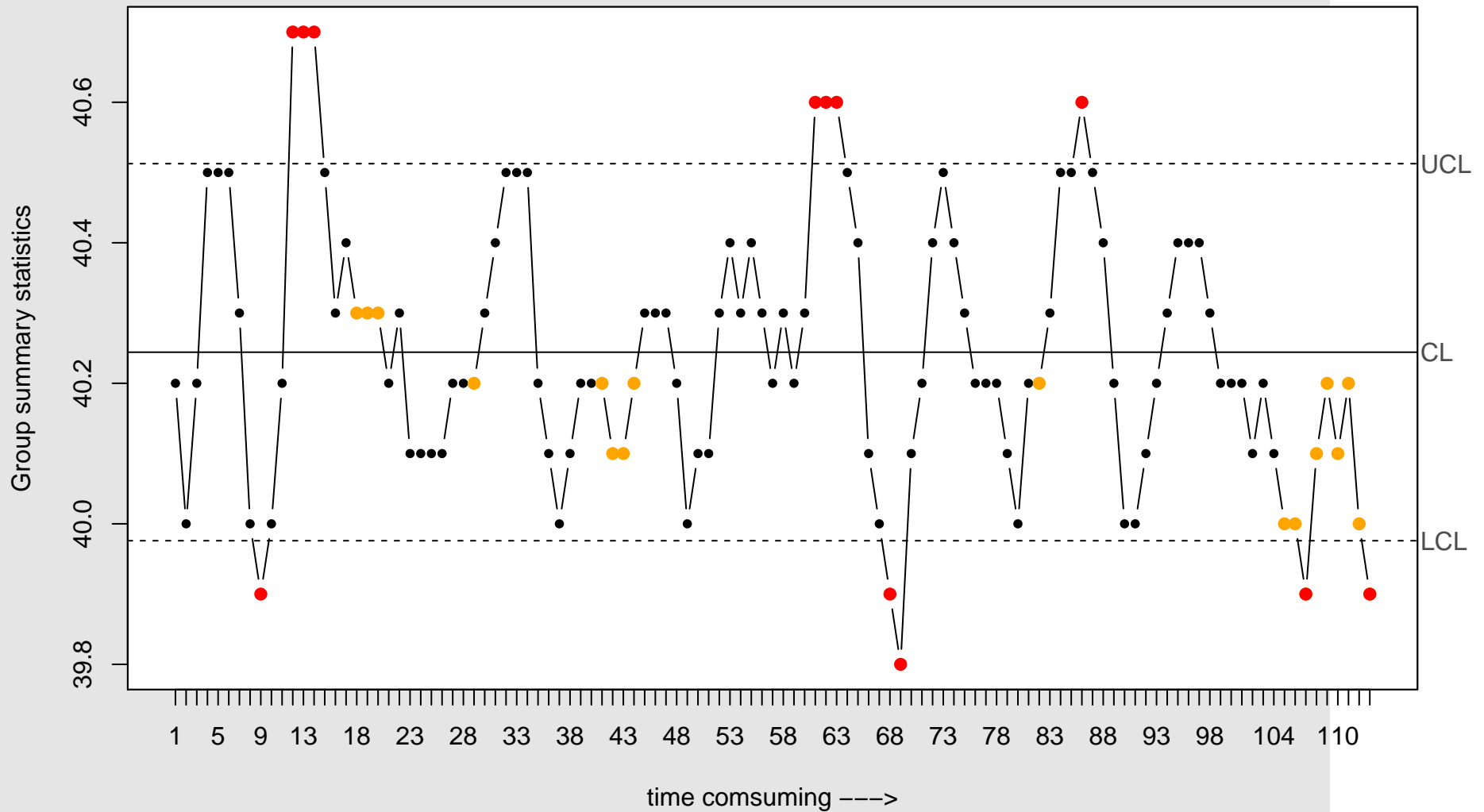


Number of groups = 113  
 Center = 40.22389  
 StdDev = 0.08152862

LCL = 39.97931  
 UCL = 40.46848

Number beyond limits = 21  
 Number violating runs = 15

# 100th column point of this product

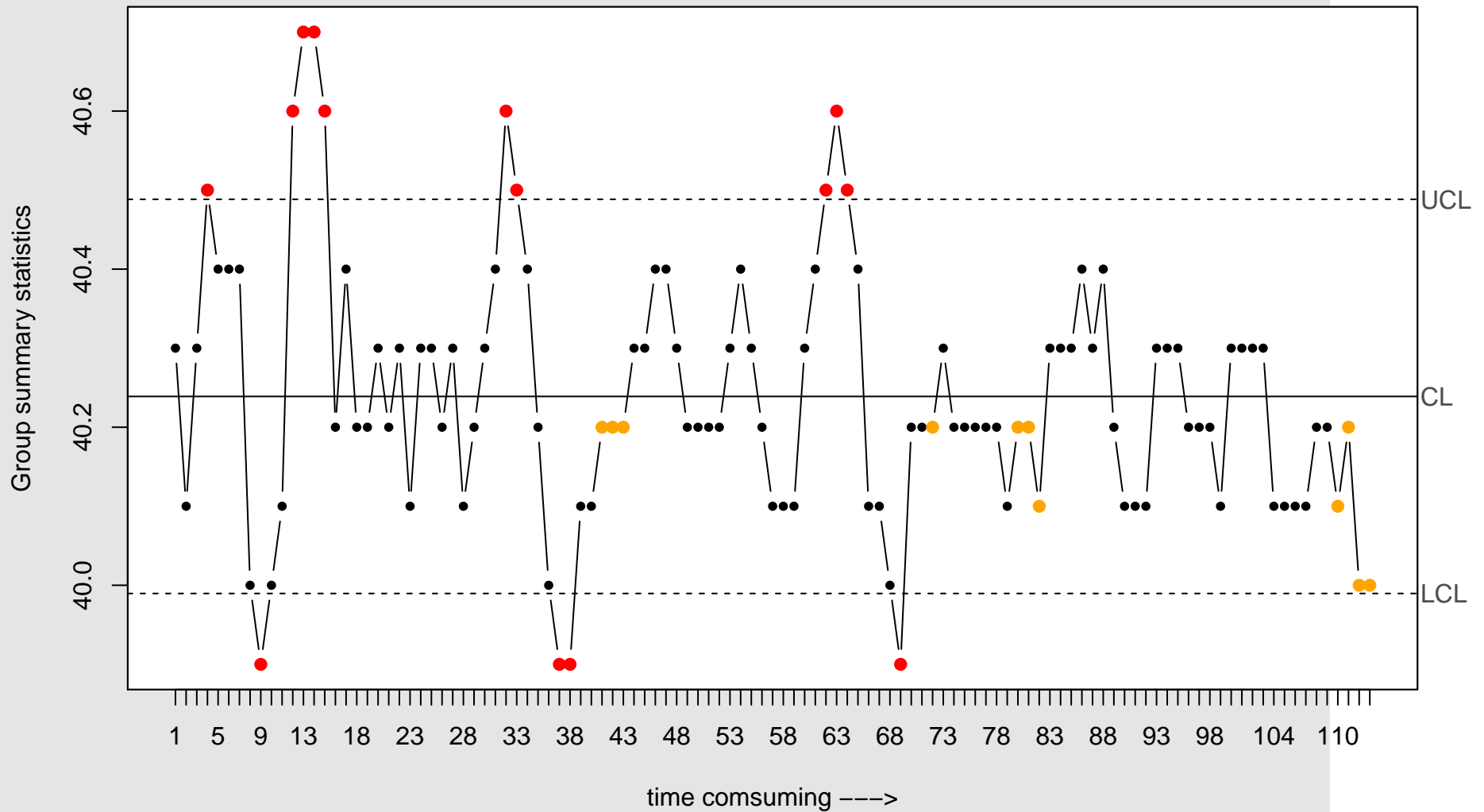


Number of groups = 113  
 Center = 40.24425  
 StdDev = 0.08944402

LCL = 39.97592  
 UCL = 40.51258

Number beyond limits = 12  
 Number violating runs = 18

# 101th column point of this product



Number of groups = 113

Center = 40.23894

StdDev = 0.0831117

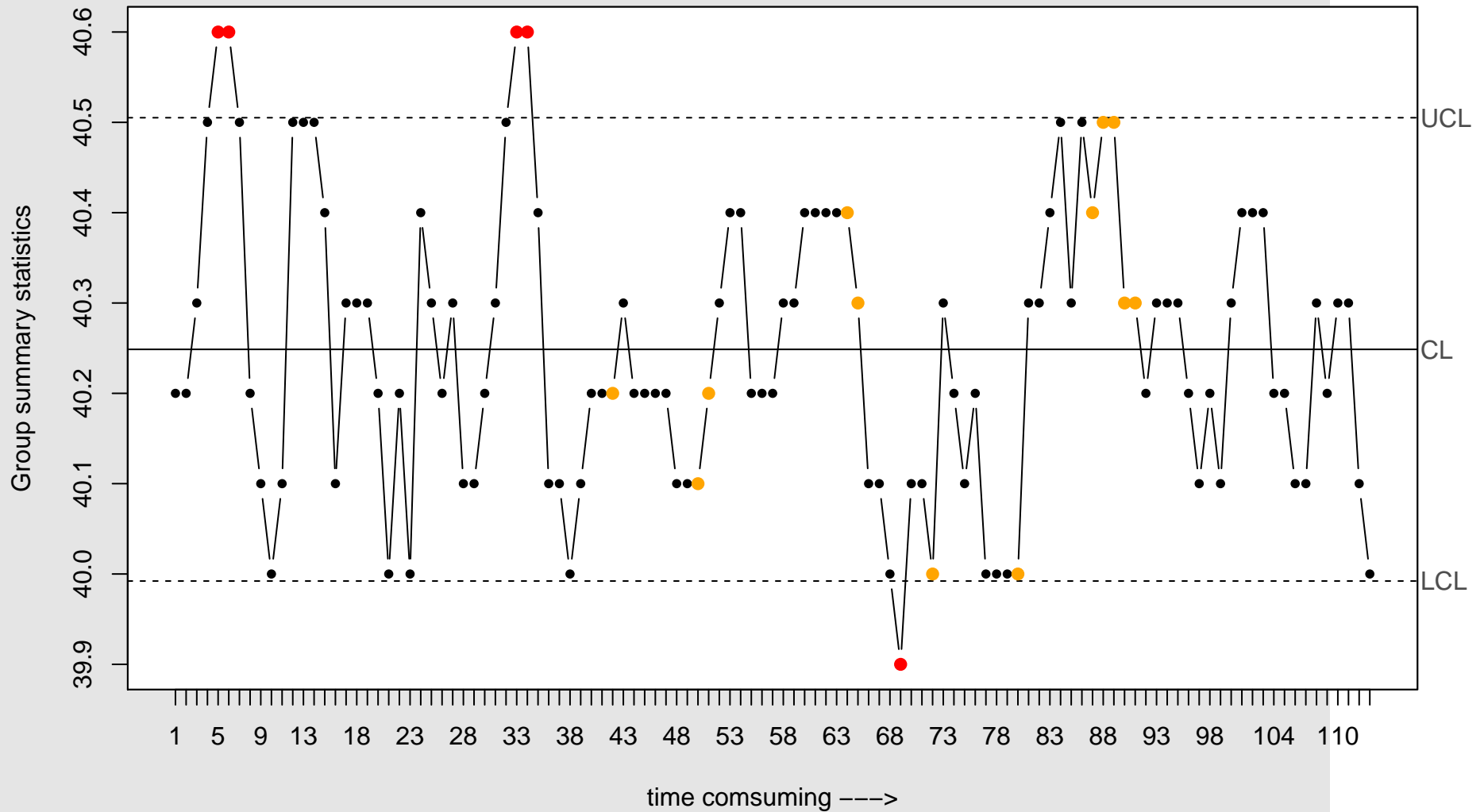
LCL = 39.9896

UCL = 40.48827

Number beyond limits = 14

Number violating runs = 11

# 102th column point of this product

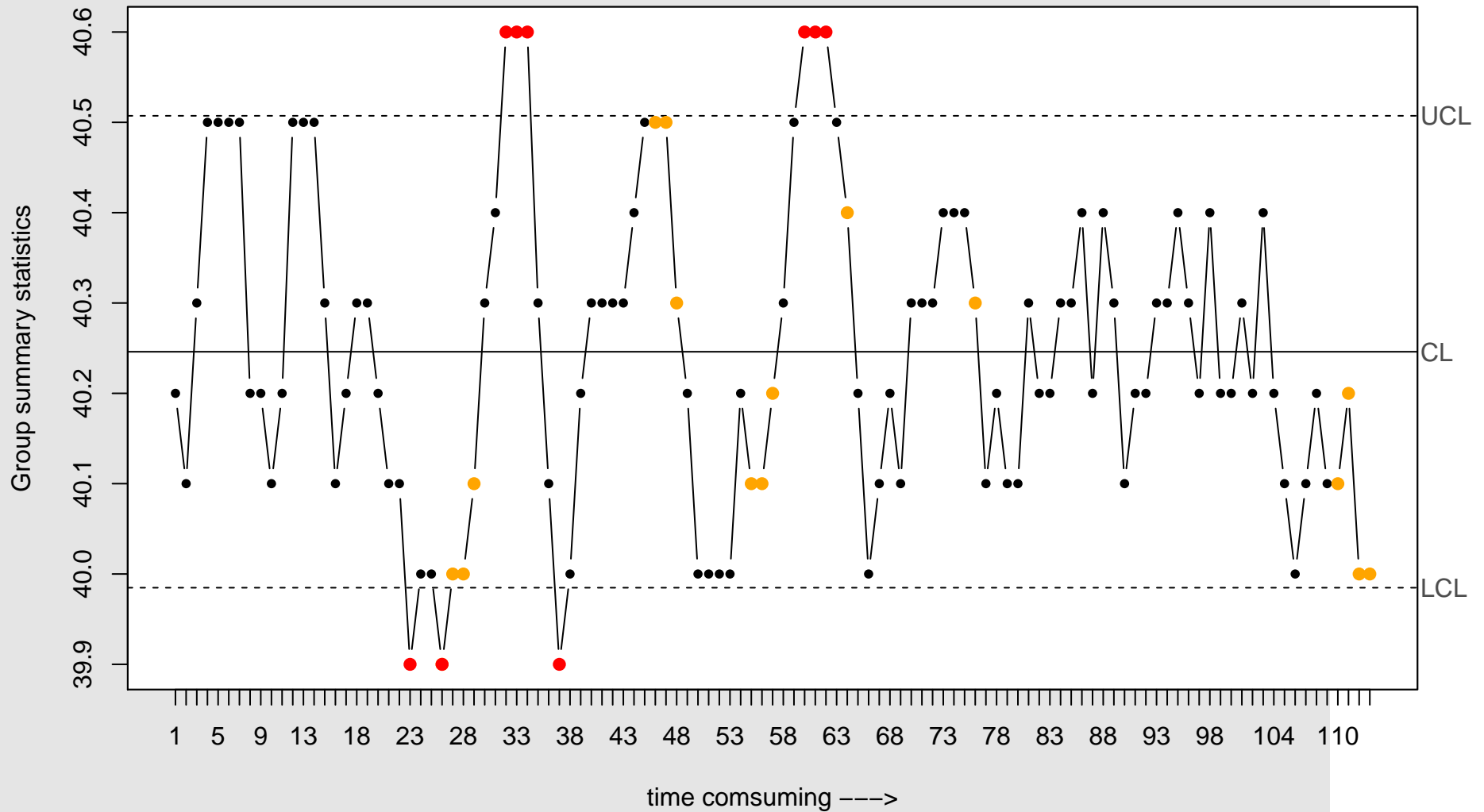


Number of groups = 113  
 Center = 40.24867  
 StdDev = 0.08548632

LCL = 39.99221  
 UCL = 40.50513

Number beyond limits = 5  
 Number violating runs = 12

# 103th column point of this product

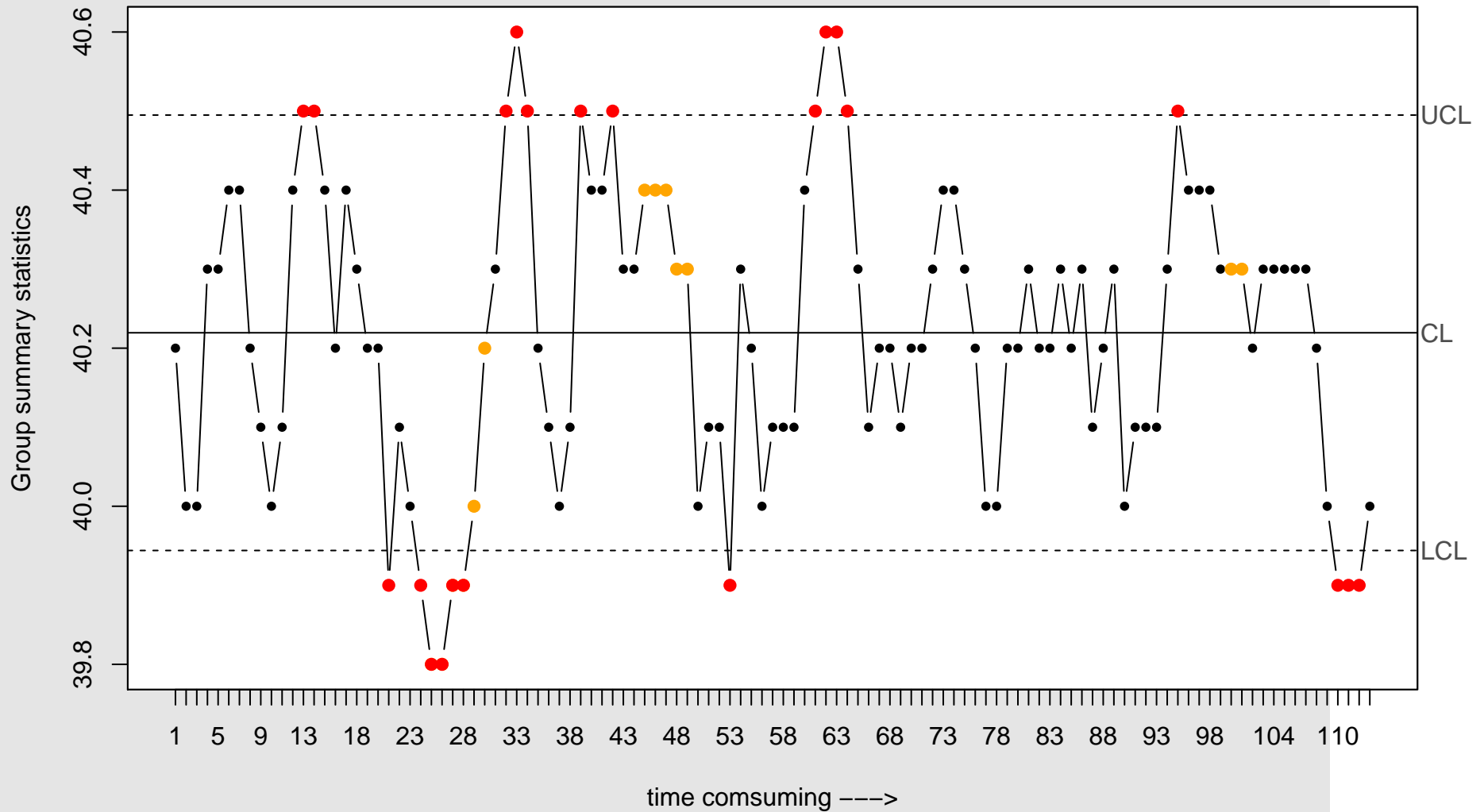


Number of groups = 113  
 Center = 40.24602  
 StdDev = 0.0870694

LCL = 39.98481  
 UCL = 40.50723

Number beyond limits = 9  
 Number violating runs = 16

# 104th column point of this product

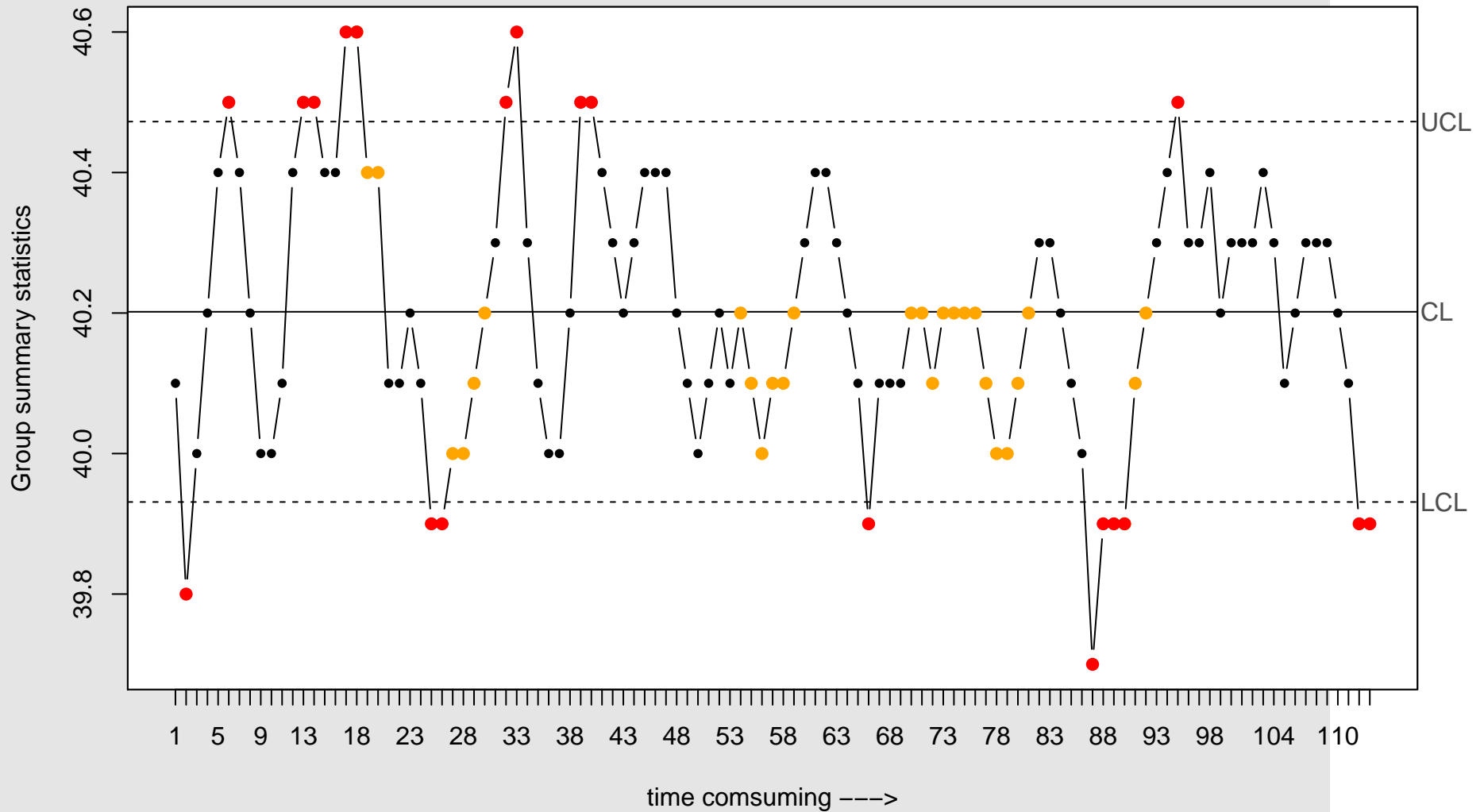


Number of groups = 113  
 Center = 40.21947  
 StdDev = 0.09181864

LCL = 39.94401  
 UCL = 40.49492

Number beyond limits = 22  
 Number violating runs = 13

# 105th column point of this product



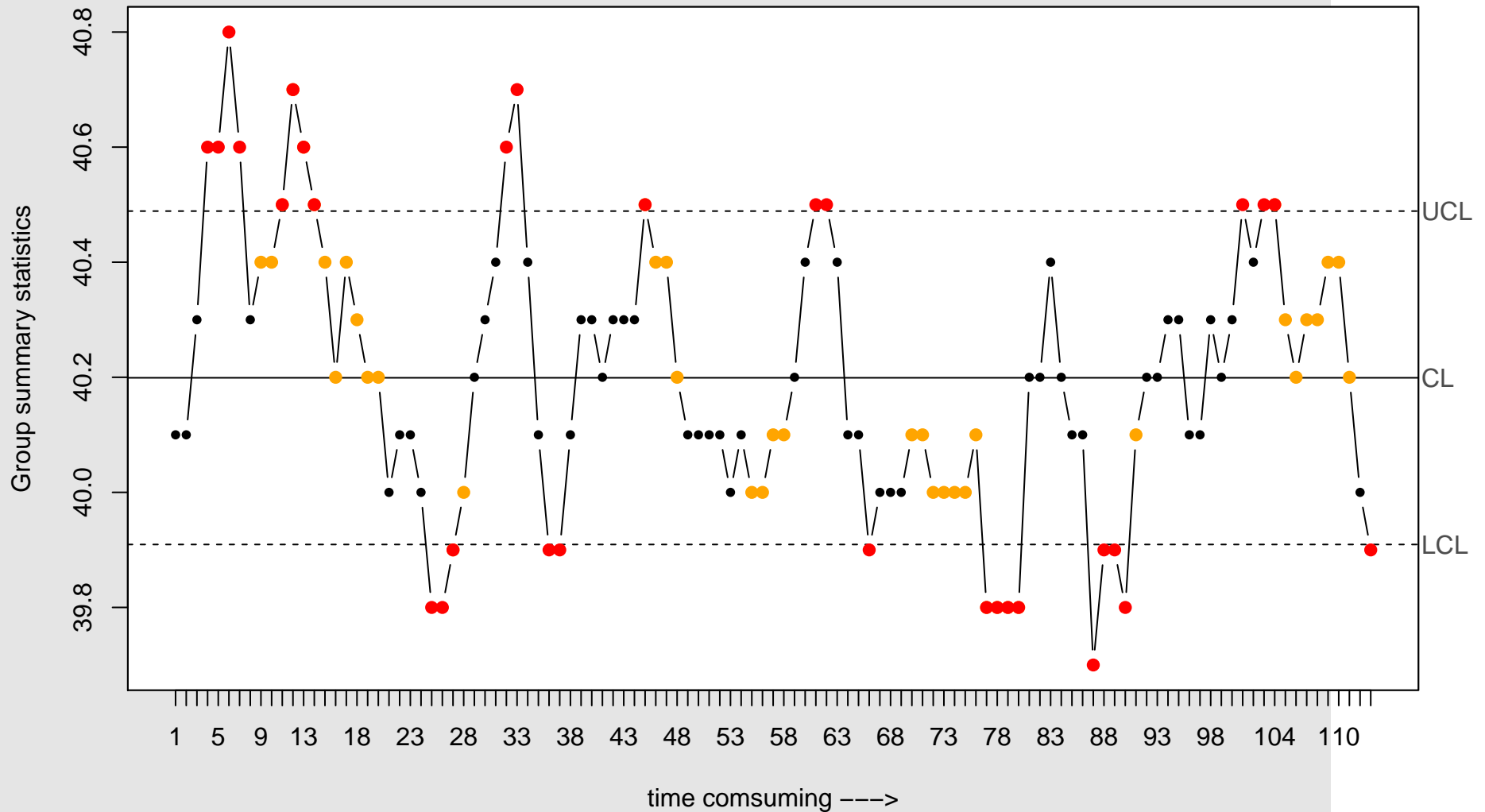
Number of groups = 113  
Center = 40.20177  
StdDev = 0.09023556

LCL = 39.93106  
UCL = 40.47248

Number beyond limits = 20  
Number violating runs = 28



# 106th column point of this product

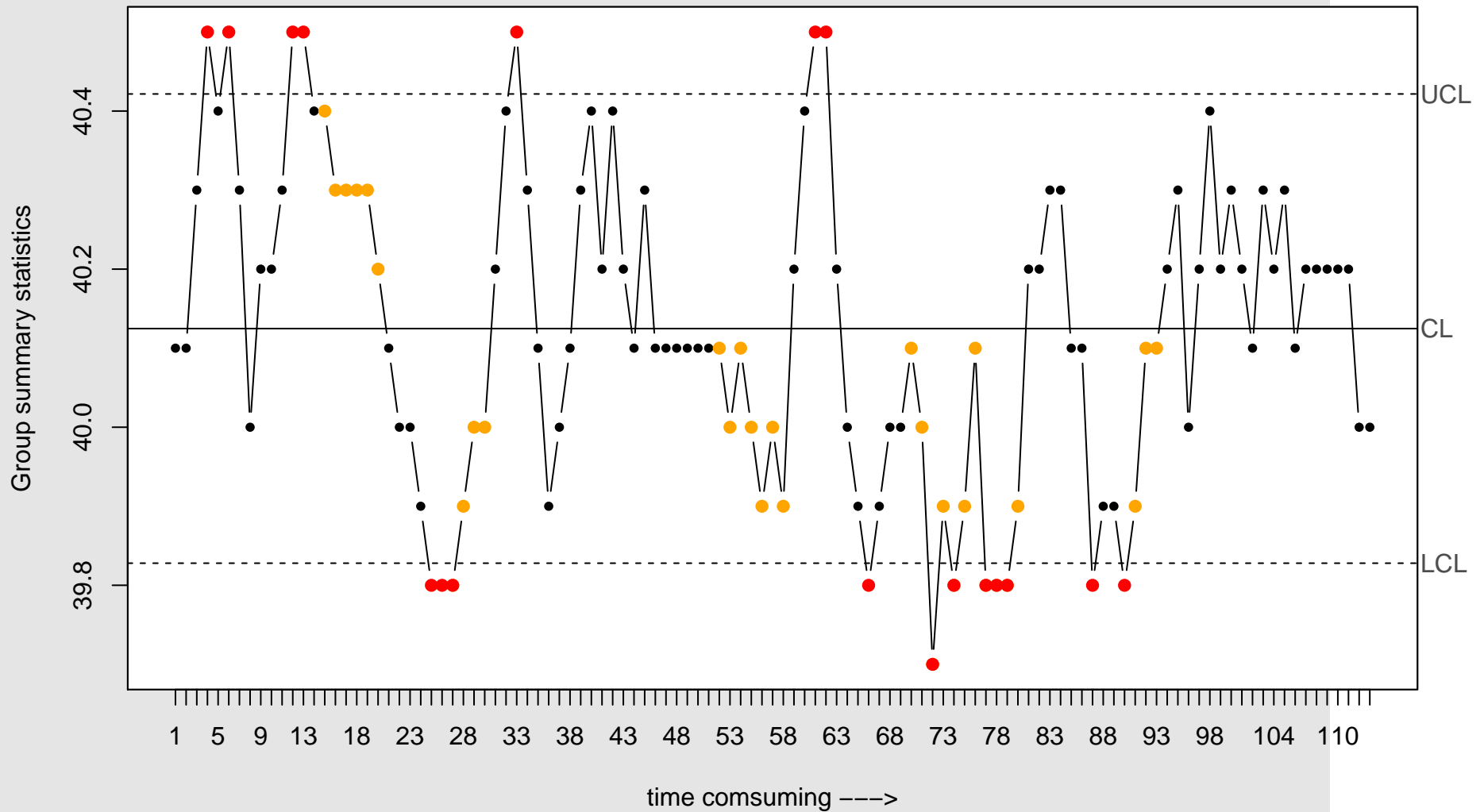


Number of groups = 113  
Center = 40.19912  
StdDev = 0.09656788

LCL = 39.90941  
UCL = 40.48882

Number beyond limits = 31  
Number violating runs = 42

# 107th column point of this product



Number of groups = 113

Center = 40.12478

StdDev = 0.0989425

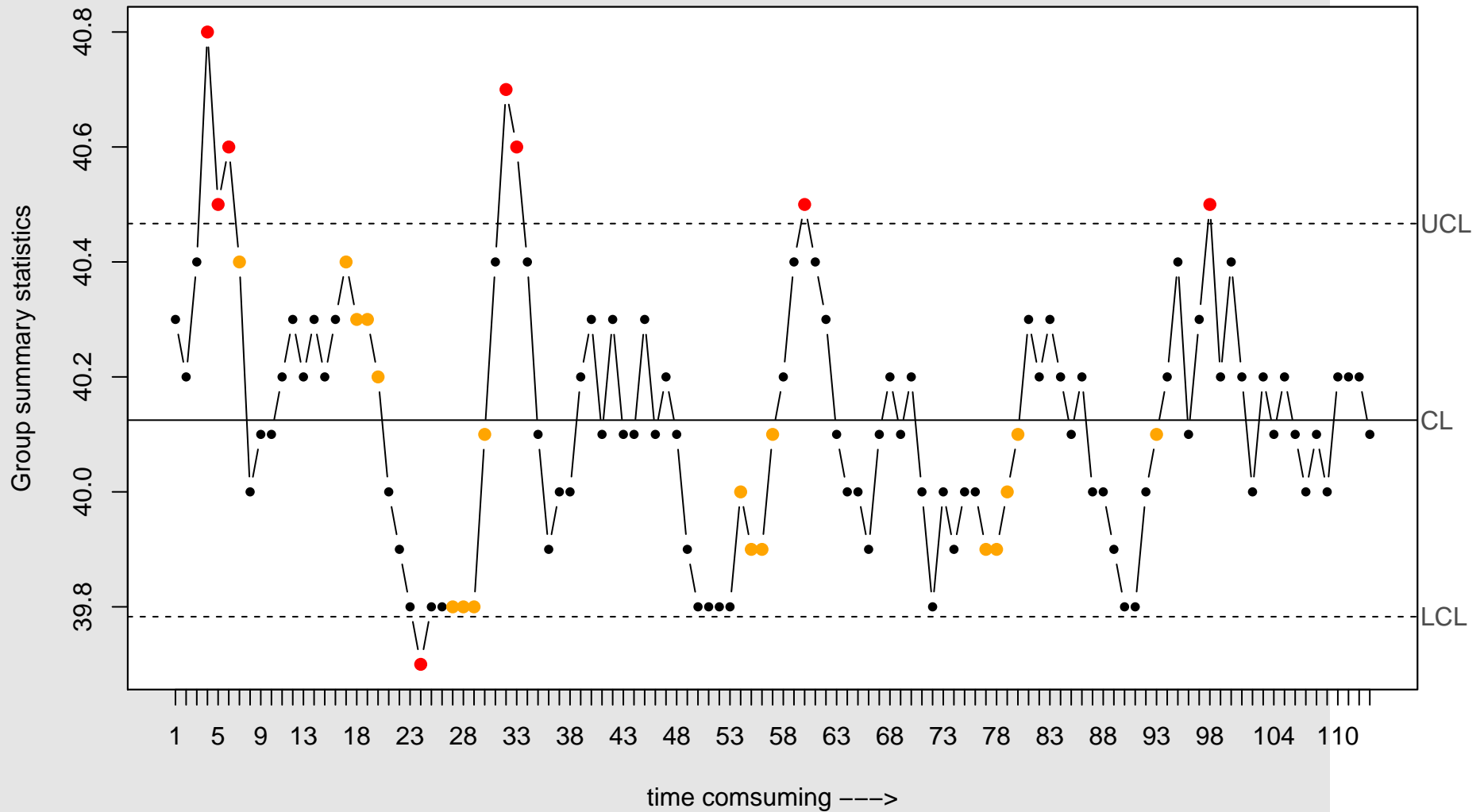
LCL = 39.82795

UCL = 40.42161

Number beyond limits = 18

Number violating runs = 31

# 108th column point of this product



Number of groups = 113

Center = 40.12478

StdDev = 0.1139818

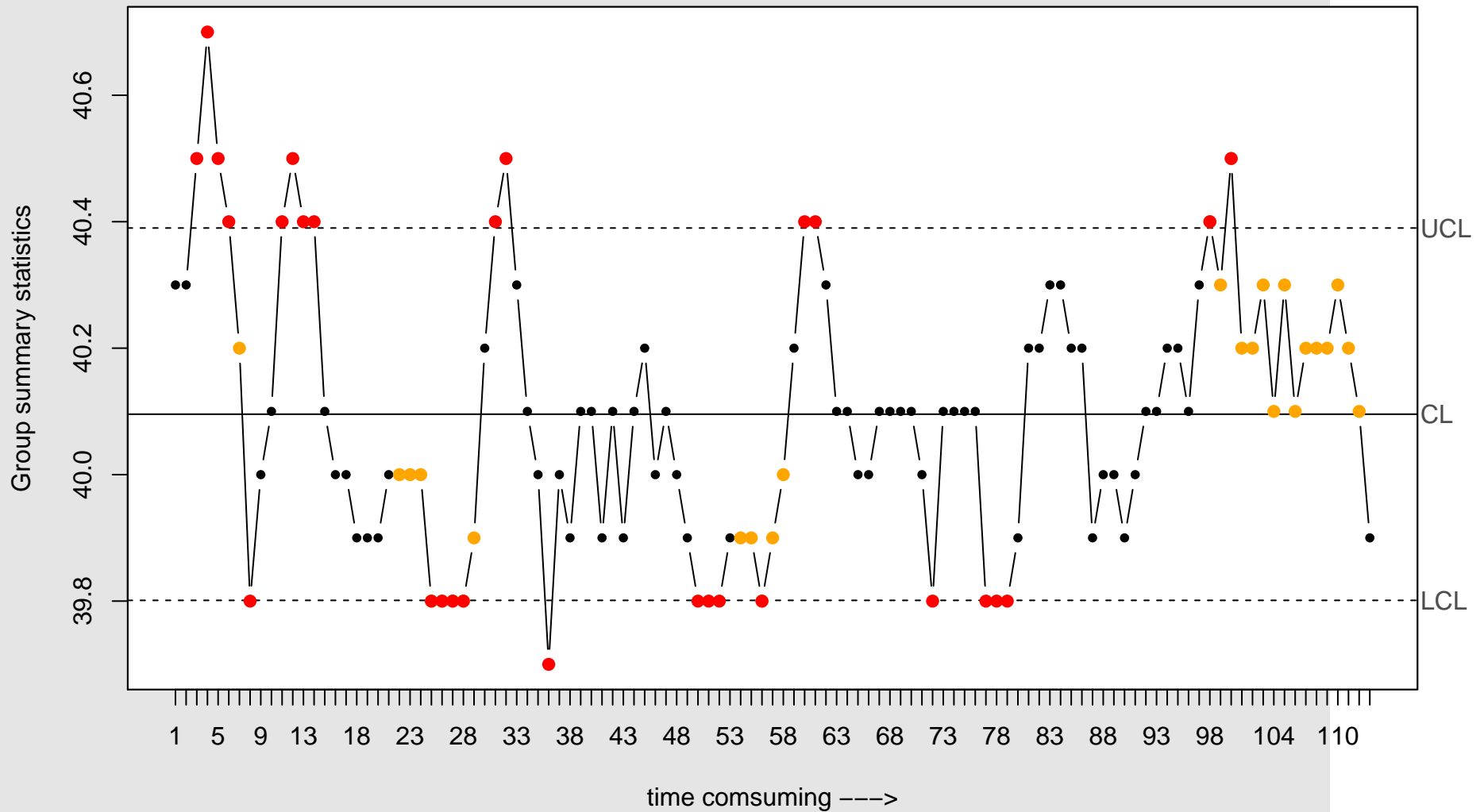
LCL = 39.78283

UCL = 40.46672

Number beyond limits = 8

Number violating runs = 18

# 109th column point of this product



Number of groups = 113

Center = 40.09558

StdDev = 0.09815096

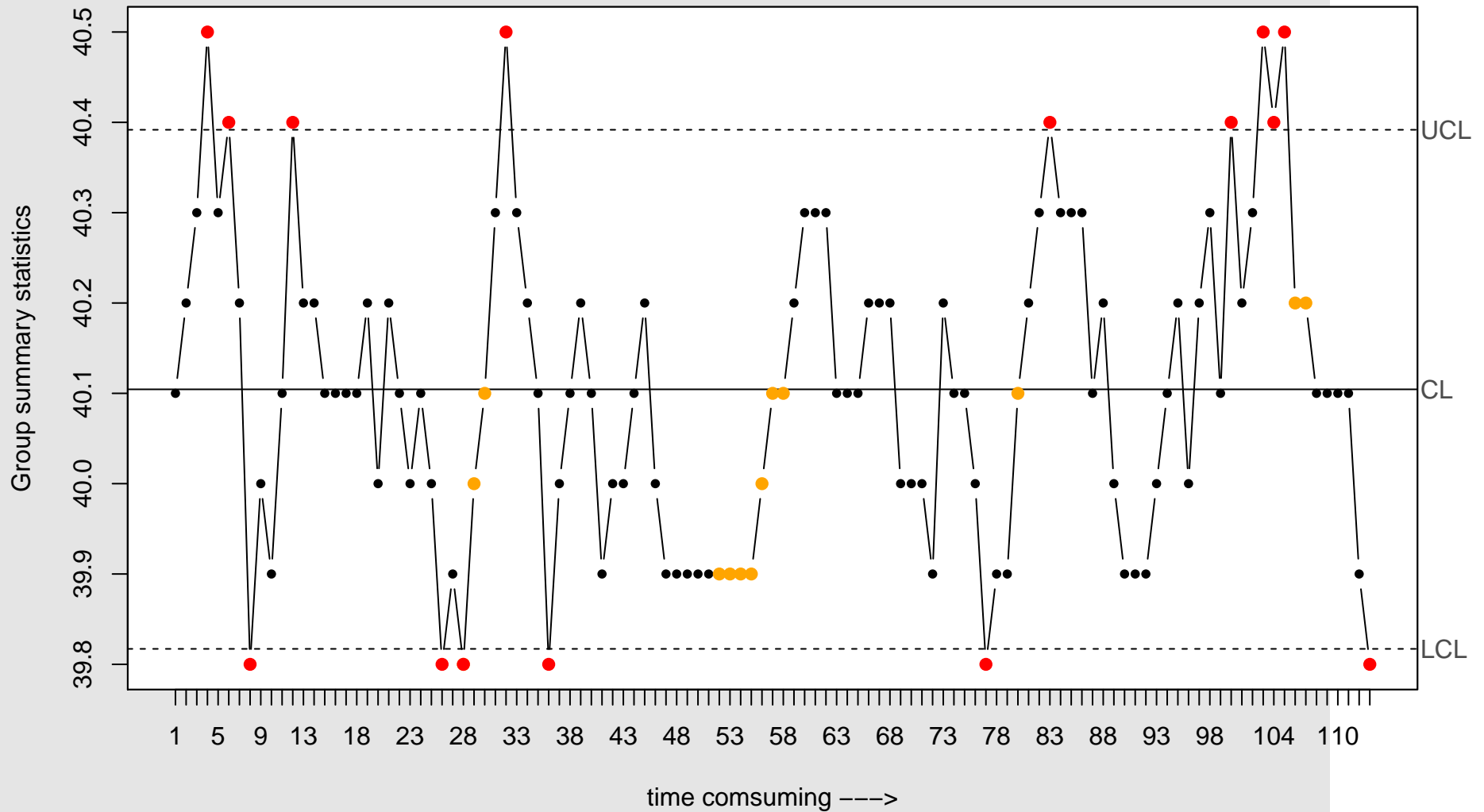
LCL = 39.80112

UCL = 40.39003

Number beyond limits = 28

Number violating runs = 29

# 110th column point of this product

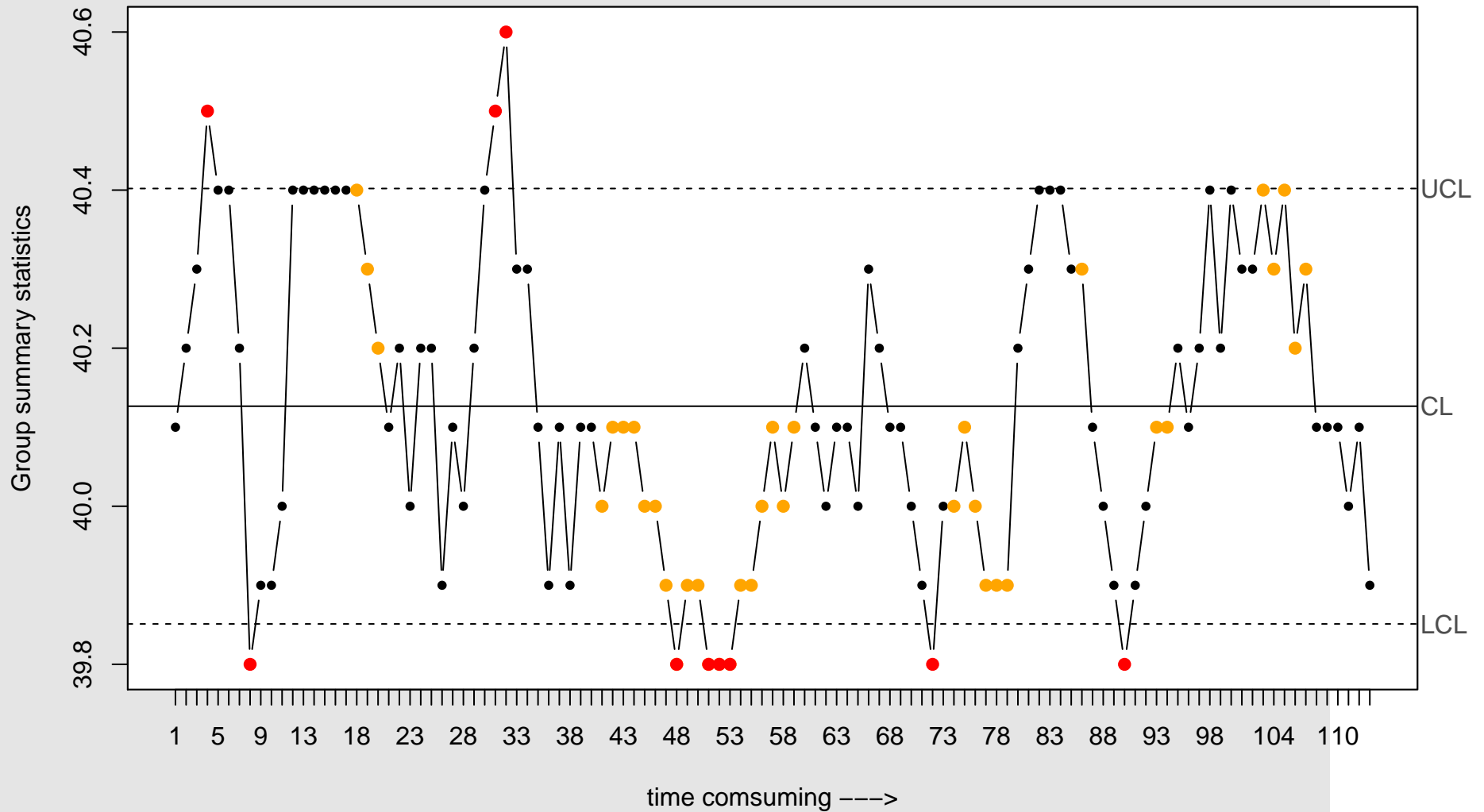


Number of groups = 113  
 Center = 40.10442  
 StdDev = 0.09577634

LCL = 39.8171  
 UCL = 40.39175

Number beyond limits = 15  
 Number violating runs = 13

# 111th column point of this product

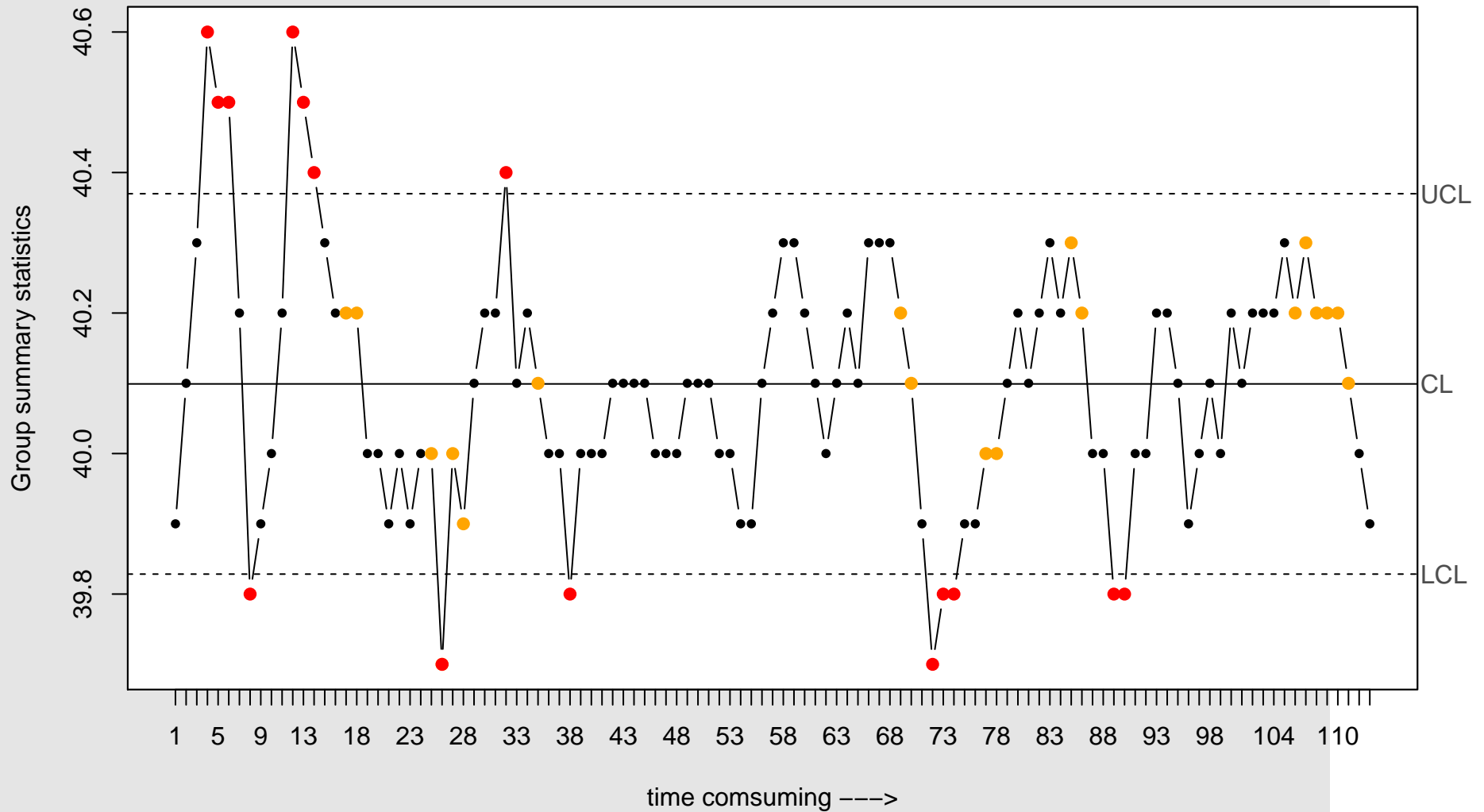


Number of groups = 113  
 Center = 40.12655  
 StdDev = 0.09181864

LCL = 39.85109  
 UCL = 40.402

Number beyond limits = 10  
 Number violating runs = 36

# 112th column point of this product

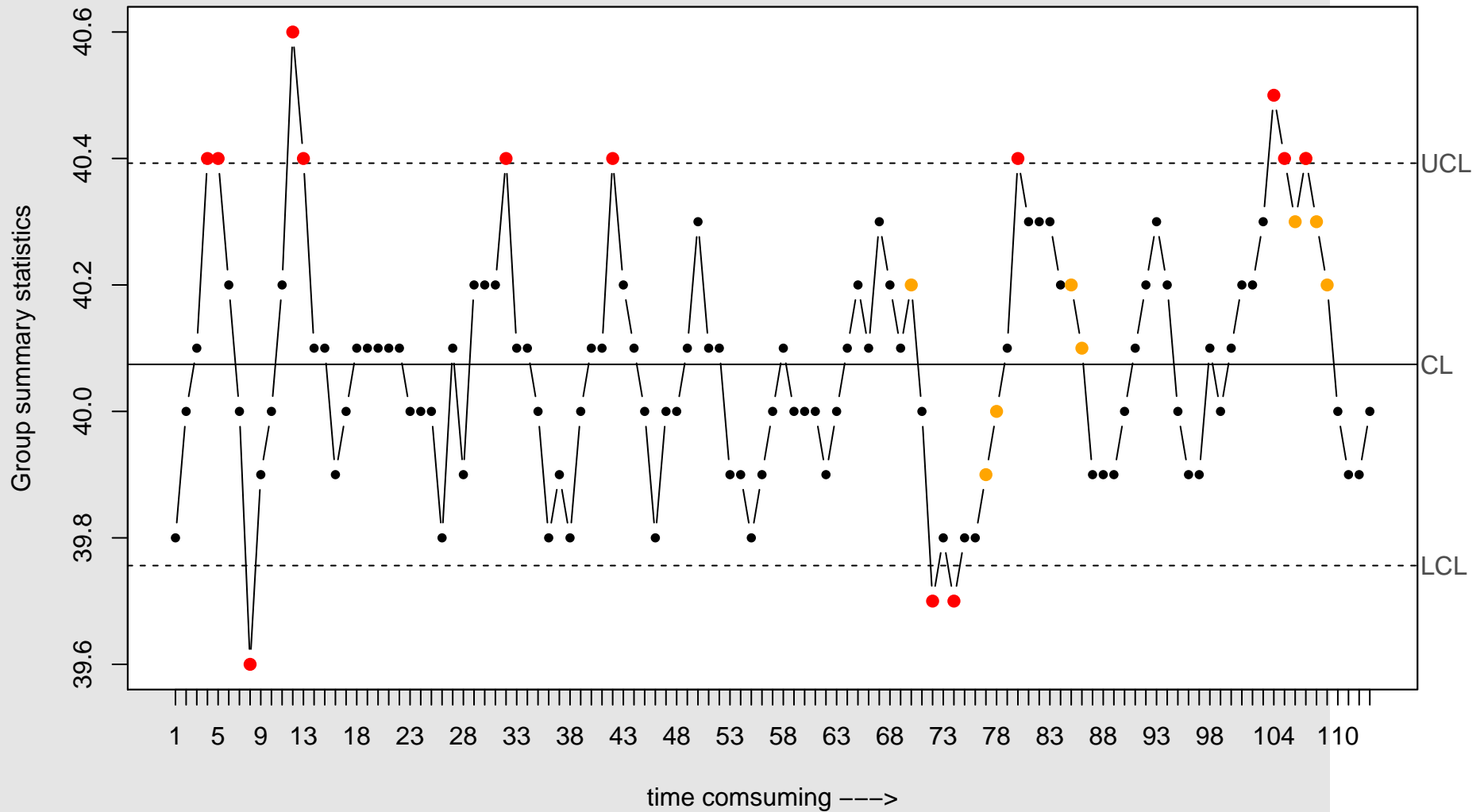


Number of groups = 113  
 Center = 40.09912  
 StdDev = 0.09023556

LCL = 39.82841  
 UCL = 40.36982

Number beyond limits = 15  
 Number violating runs = 19

# 113th column point of this product



Number of groups = 113

Center = 40.07434

StdDev = 0.1060664

LCL = 39.75614

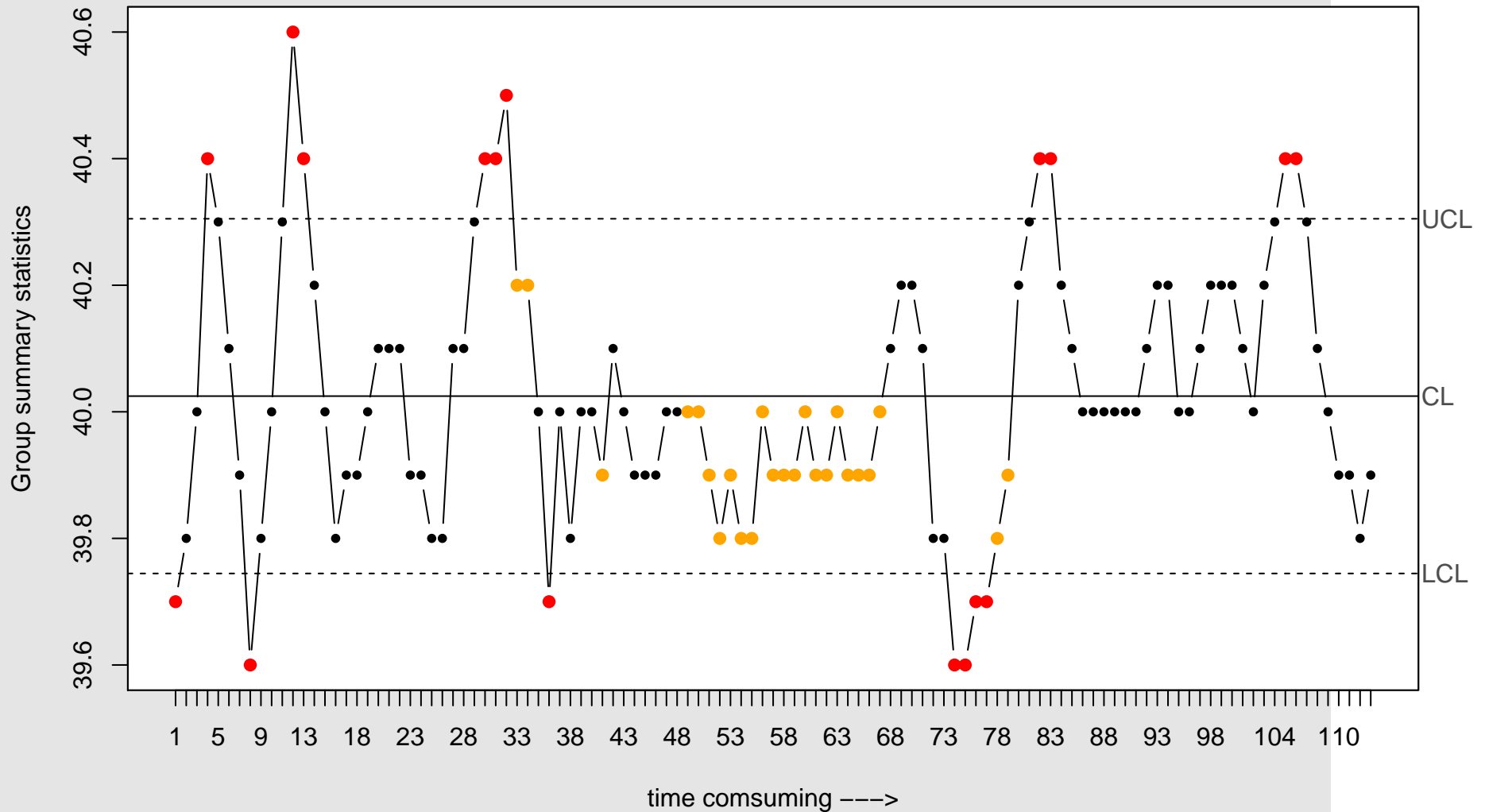
UCL = 40.39254

Number beyond limits = 13

Number violating runs = 9



# 114th column point of this product

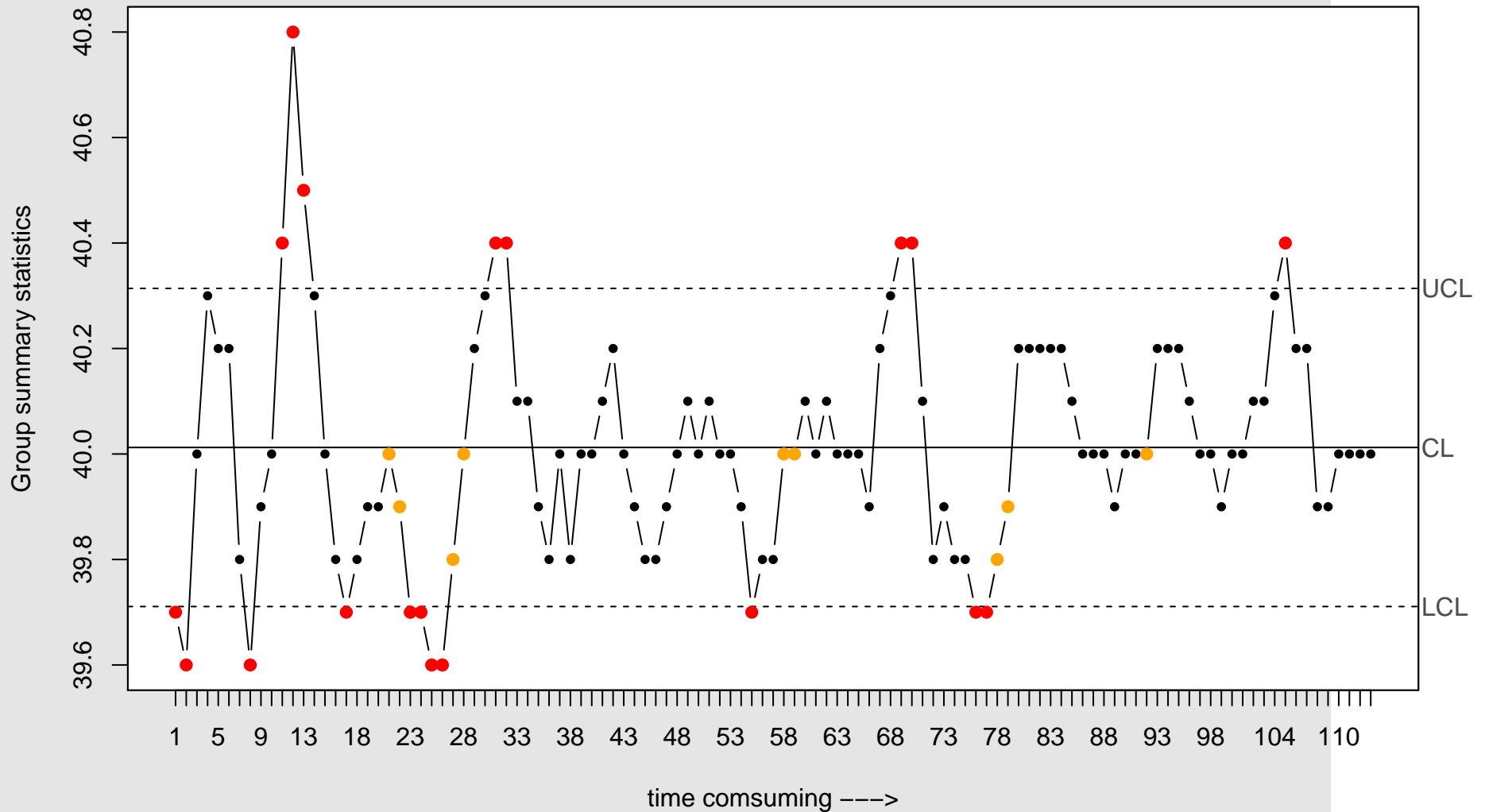


Number of groups = 113  
 Center = 40.02478  
 StdDev = 0.09340172

LCL = 39.74457  
 UCL = 40.30498

Number beyond limits = 17  
 Number violating runs = 24

# 115th column point of this product



Number of groups = 113

Center = 40.01239

StdDev = 0.1005256

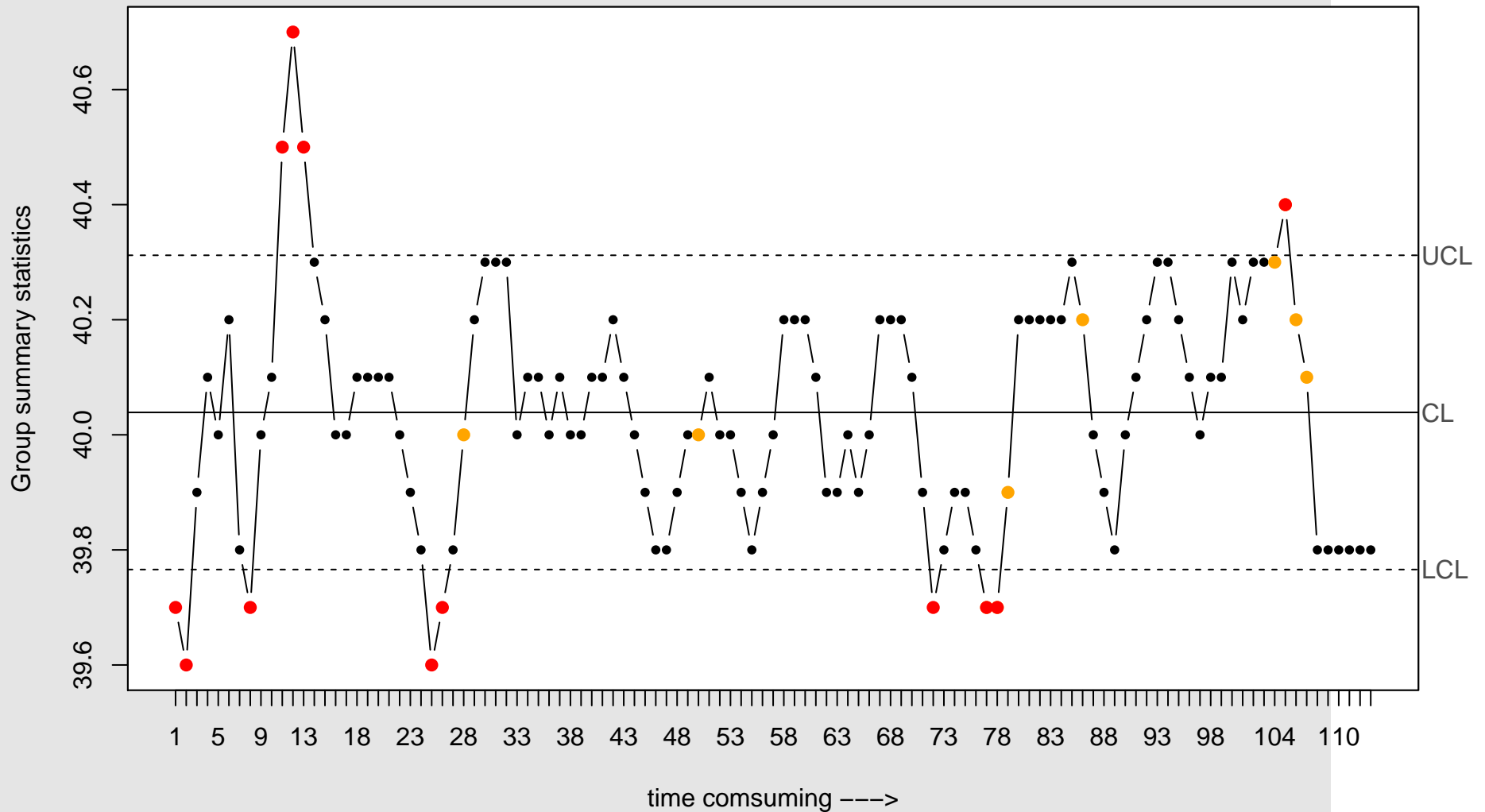
LCL = 39.71081

UCL = 40.31397

Number beyond limits = 19

Number violating runs = 13

# 116th column point of this product



Number of groups = 113

Center = 40.03894

StdDev = 0.0910271

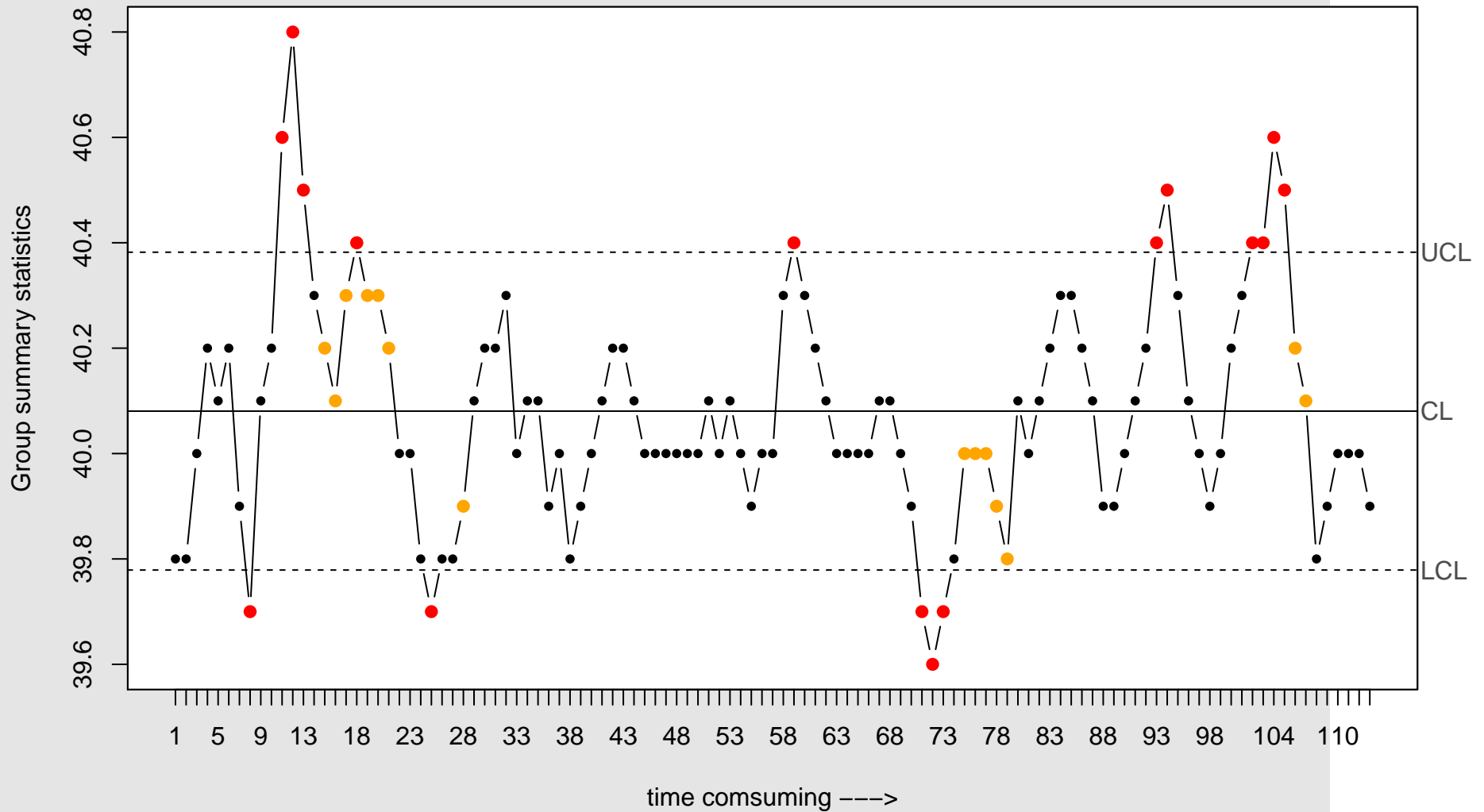
LCL = 39.76586

UCL = 40.31202

Number beyond limits = 12

Number violating runs = 10

# 117th column point of this product



Number of groups = 113

Center = 40.08053

StdDev = 0.1005256

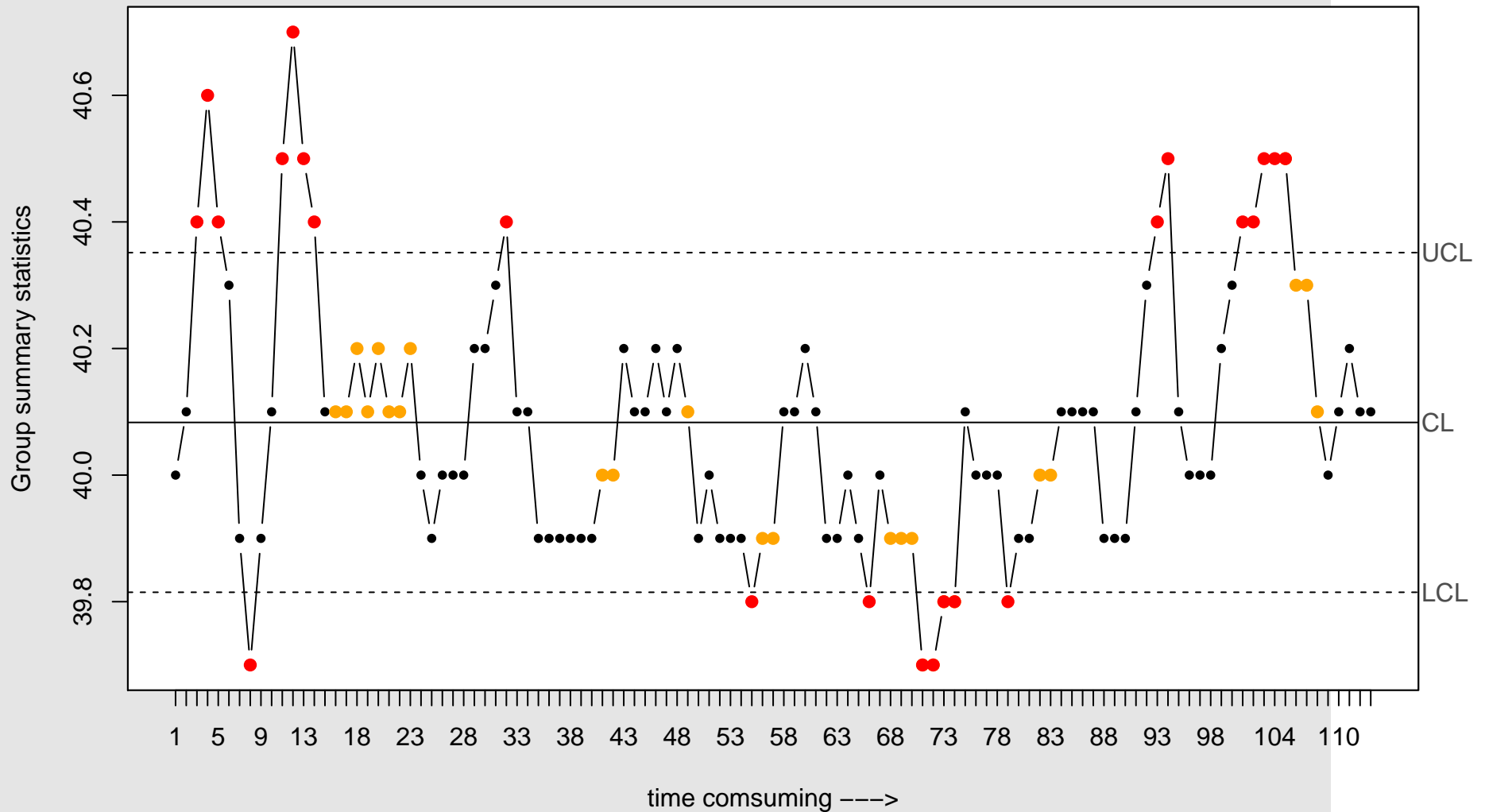
LCL = 39.77895

UCL = 40.38211

Number beyond limits = 16

Number violating runs = 15

# 118th column point of this product



Number of groups = 113

Center = 40.08319

StdDev = 0.08944402

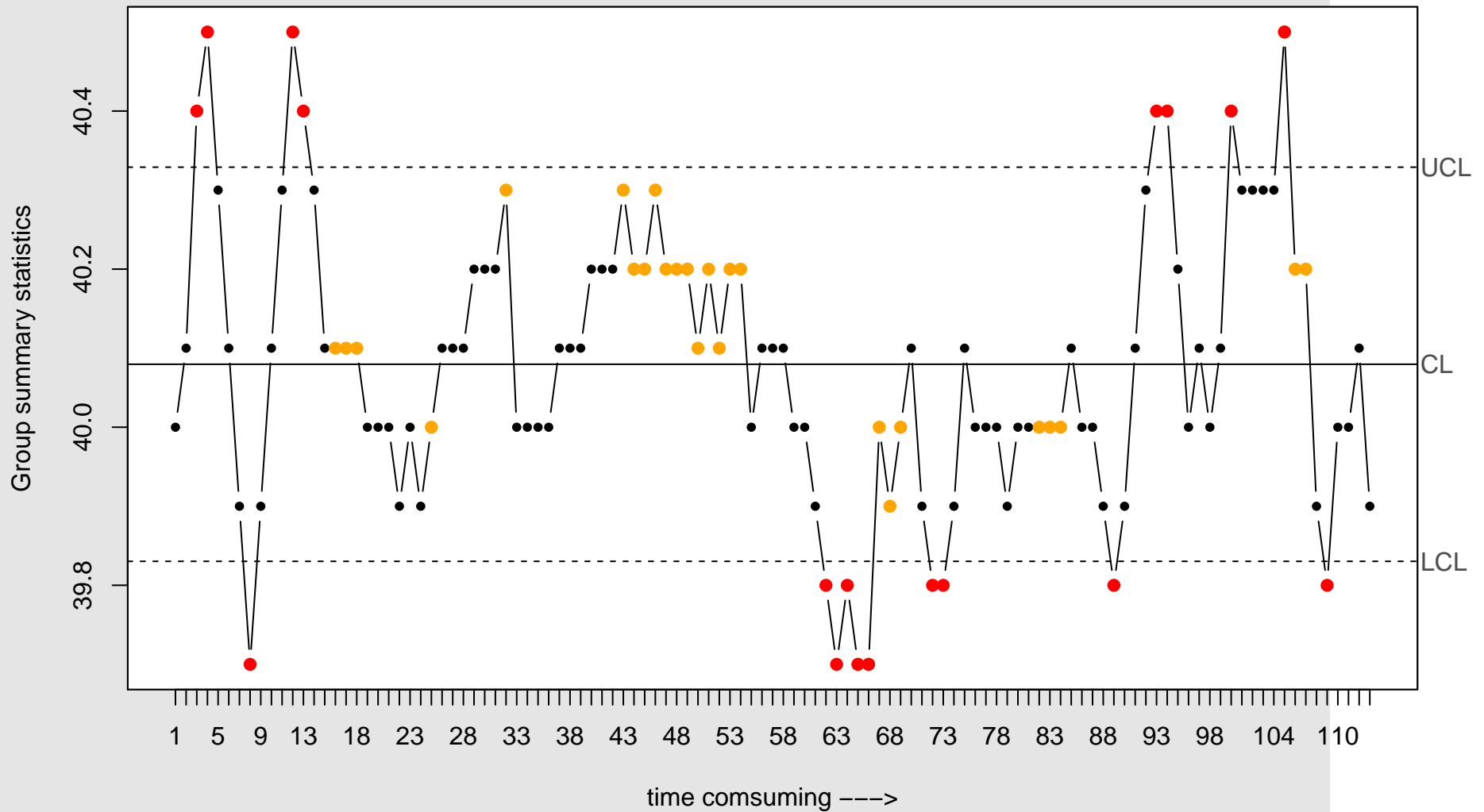
LCL = 39.81485

UCL = 40.35152

Number beyond limits = 23

Number violating runs = 26

# 119th column point of this product

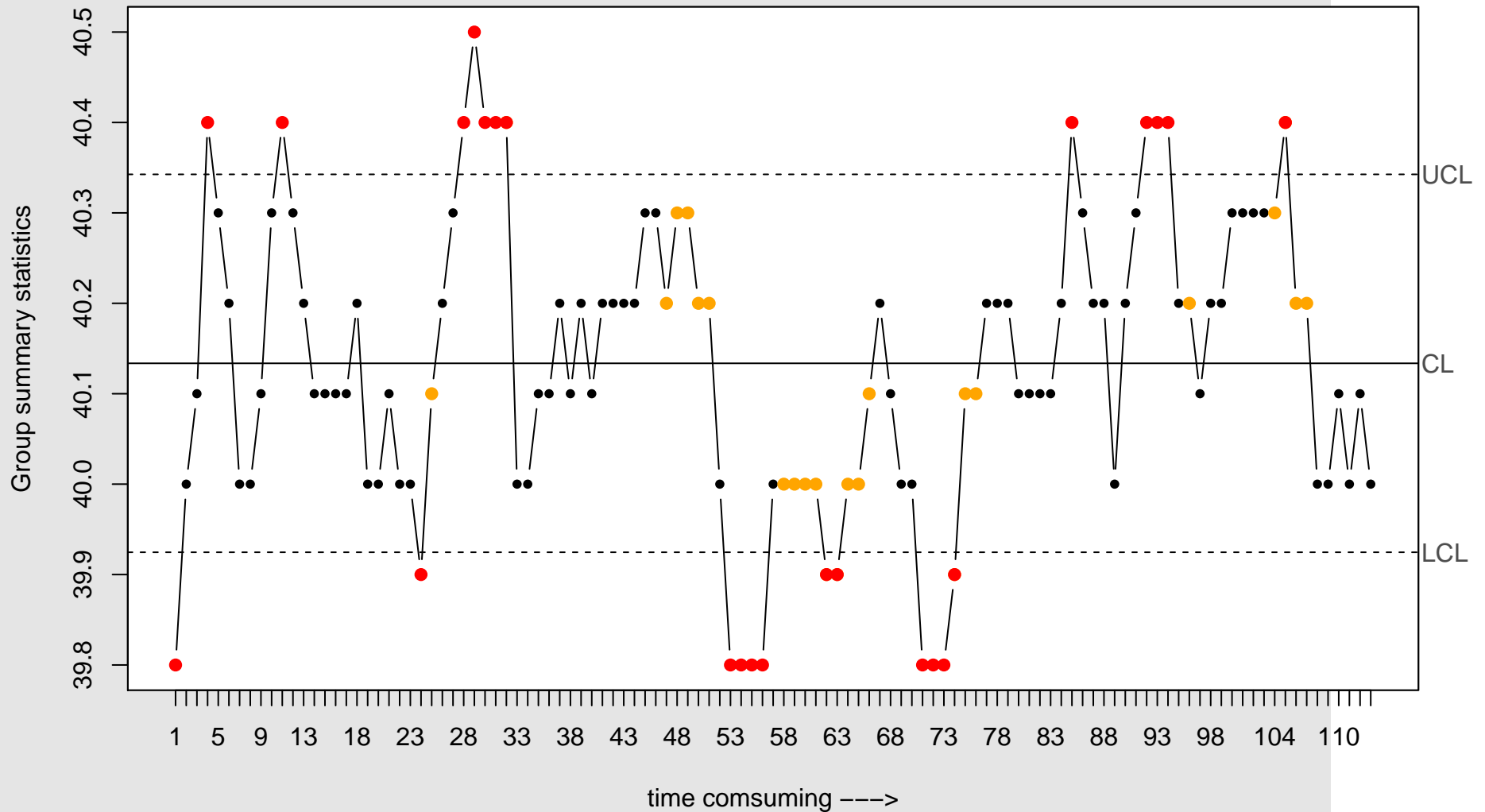


Number of groups = 113  
 Center = 40.07965  
 StdDev = 0.0831117

LCL = 39.83031  
 UCL = 40.32898

Number beyond limits = 18  
 Number violating runs = 28

# 120th column point of this product

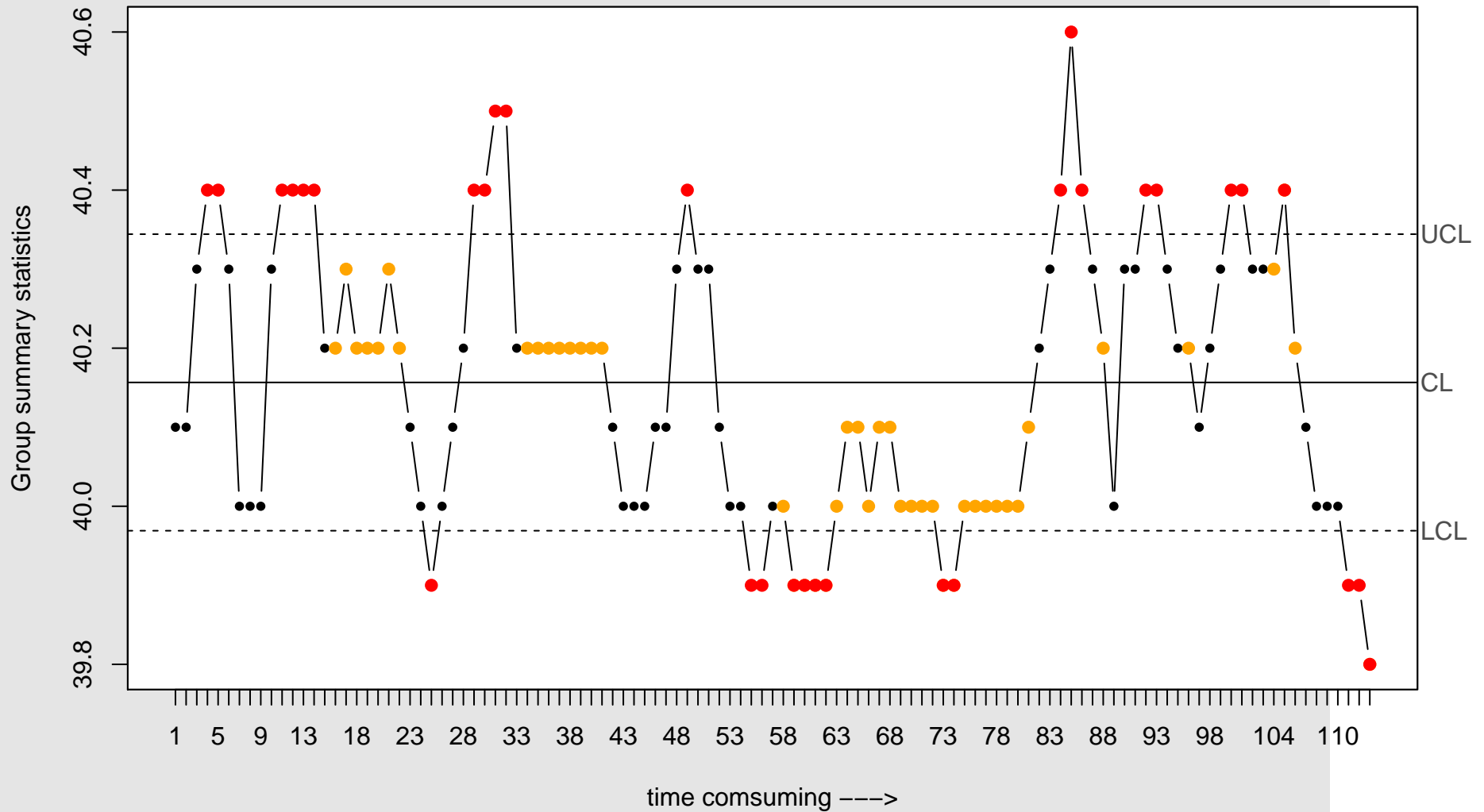


Number of groups = 113  
 Center = 40.13363  
 StdDev = 0.06965552

LCL = 39.92466  
 UCL = 40.34259

Number beyond limits = 24  
 Number violating runs = 24

# 121th column point of this product



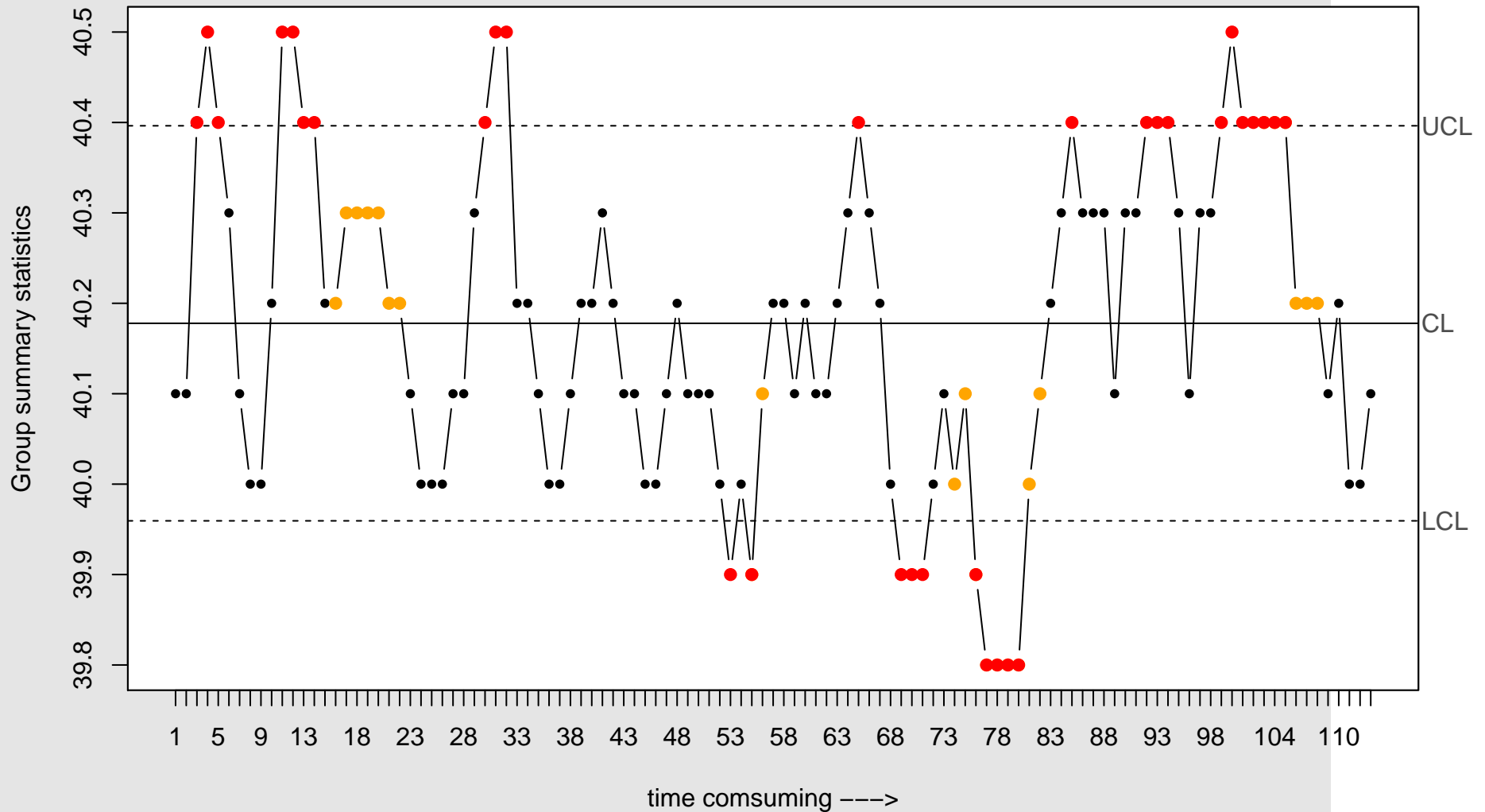
Number of groups = 113  
 Center = 40.15664  
 StdDev = 0.06253166

LCL = 39.96904  
 UCL = 40.34423

Number beyond limits = 31  
 Number violating runs = 45



# 122th column point of this product



Number of groups = 113

Center = 40.17788

StdDev = 0.07282168

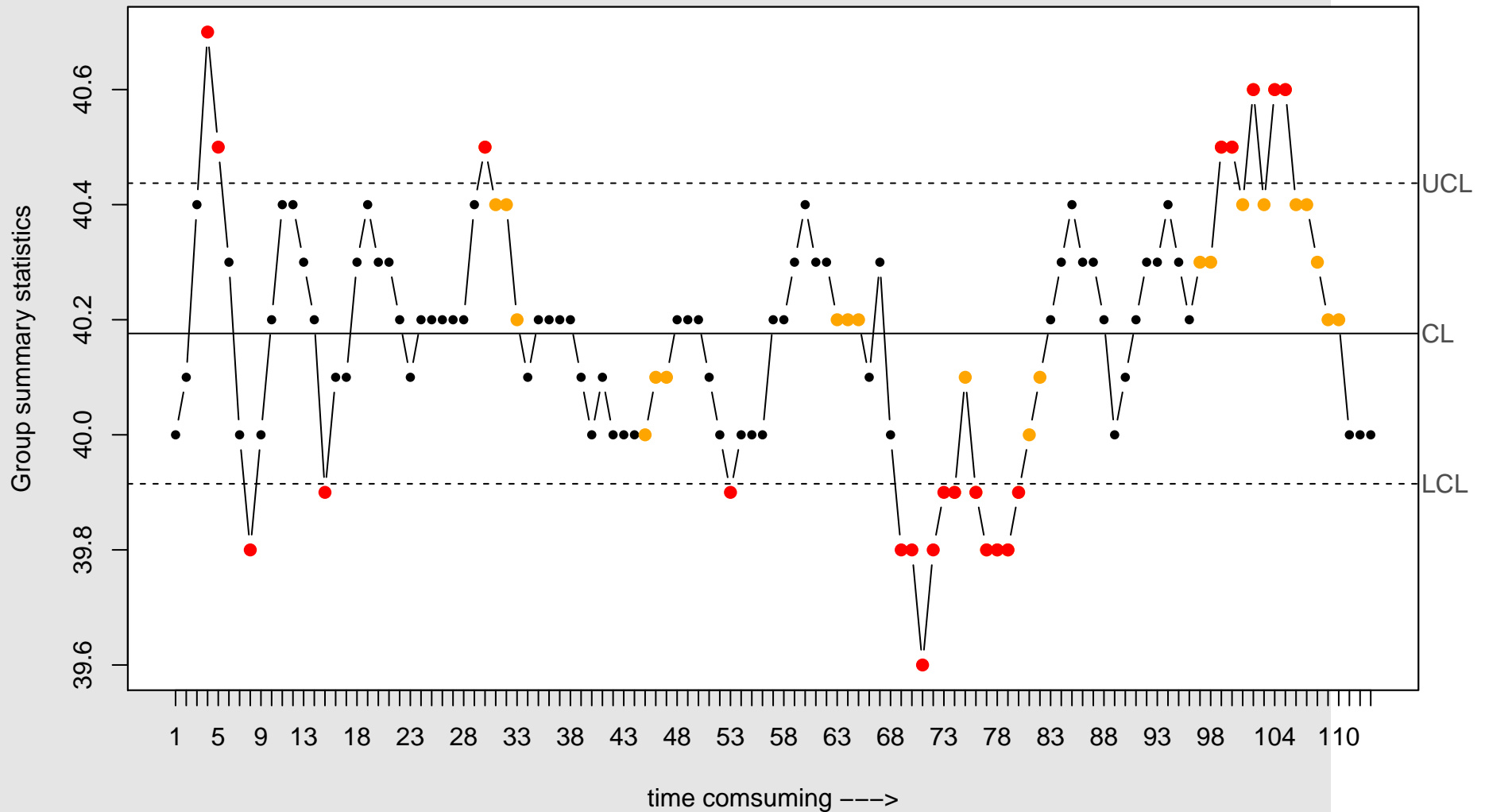
LCL = 39.95941

UCL = 40.39634

Number beyond limits = 32

Number violating runs = 24

# 123th column point of this product

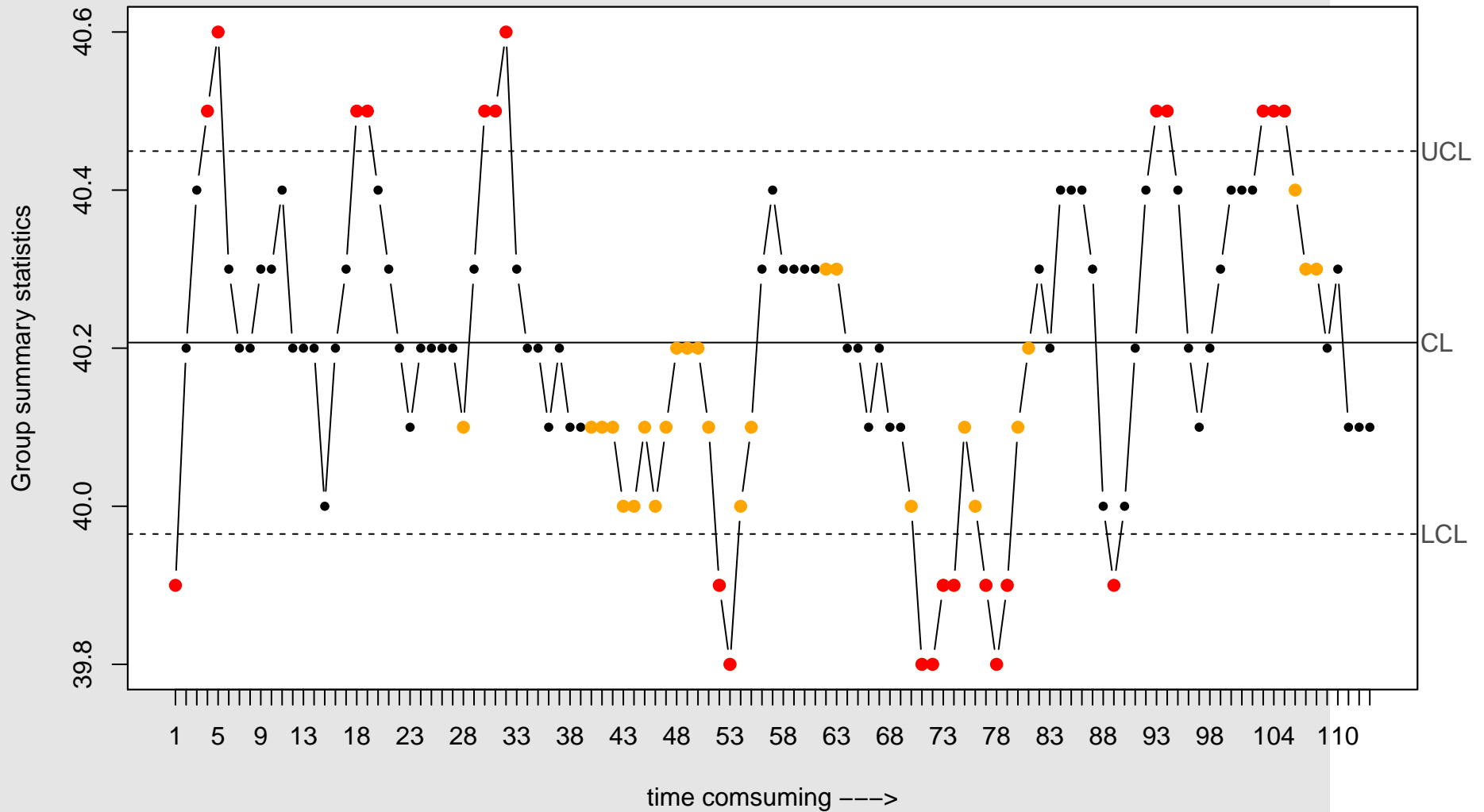


Number of groups = 113  
 Center = 40.17611  
 StdDev = 0.0870694

LCL = 39.9149  
 UCL = 40.43731

Number beyond limits = 22  
 Number violating runs = 33

# 124th column point of this product

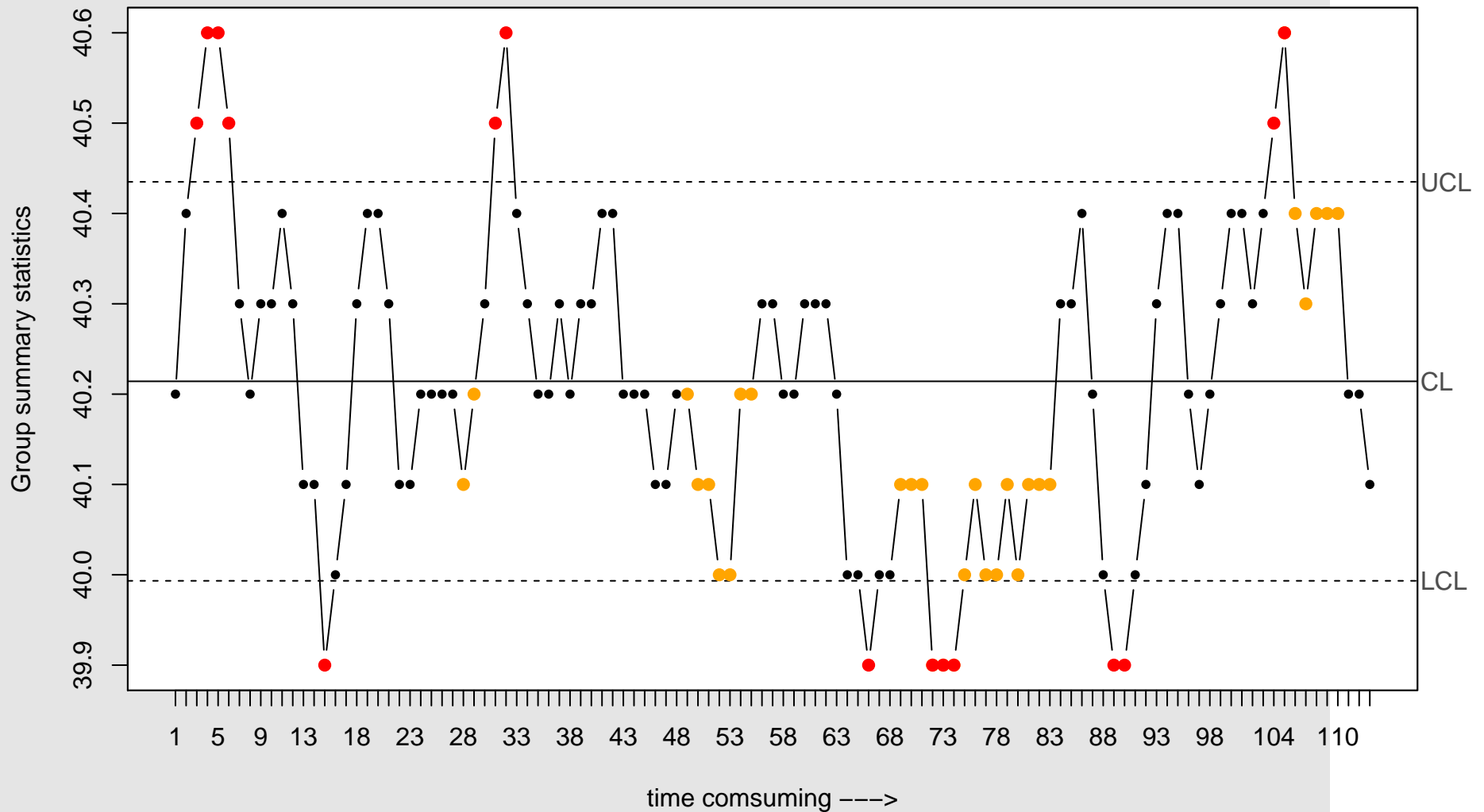


Number of groups = 113  
 Center = 40.20708  
 StdDev = 0.08073708

LCL = 39.96487  
 UCL = 40.44929

Number beyond limits = 23  
 Number violating runs = 35

# 125th column point of this product

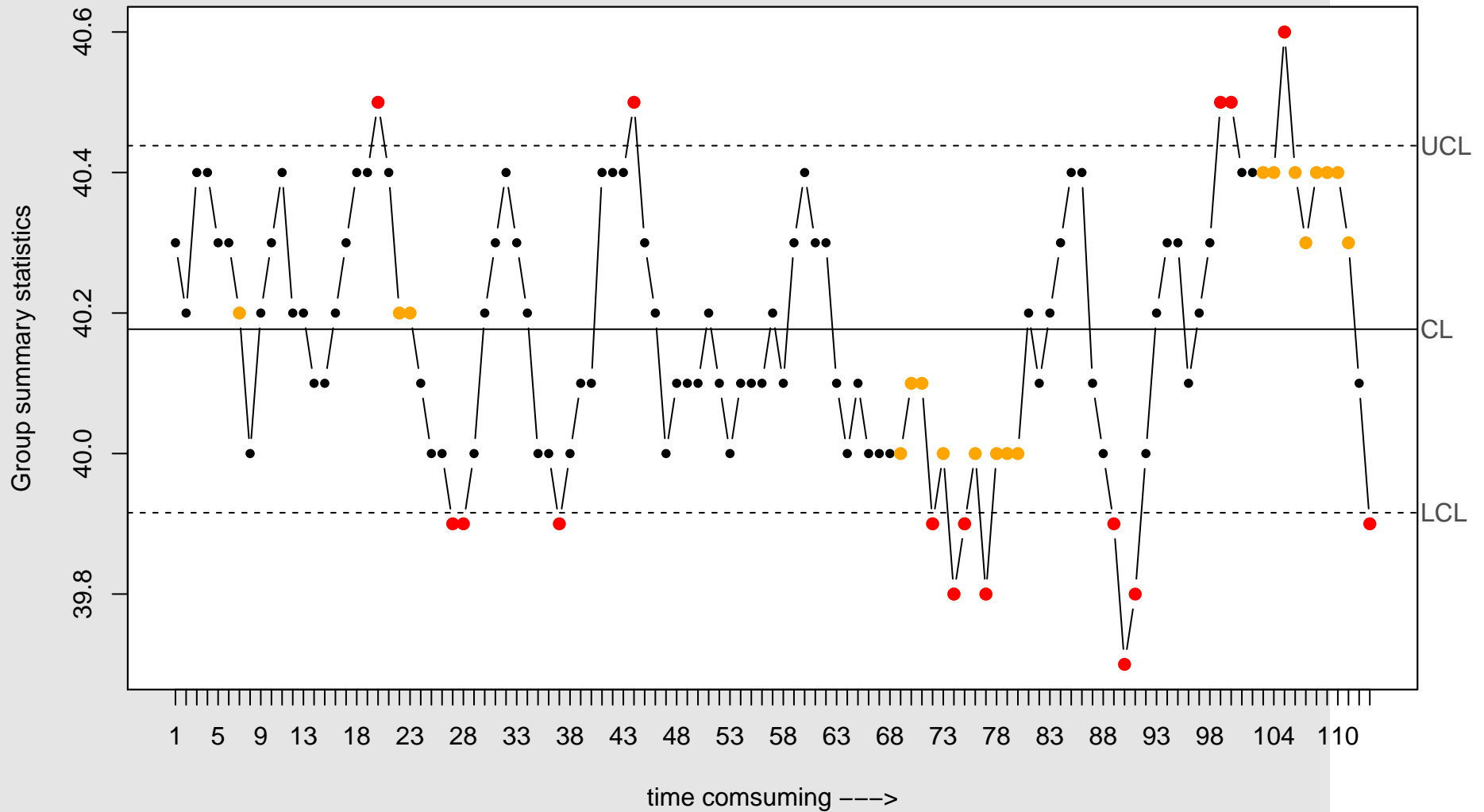


Number of groups = 113  
 Center = 40.21416  
 StdDev = 0.07361322

LCL = 39.99332  
 UCL = 40.435

Number beyond limits = 15  
 Number violating runs = 30

# 126th column point of this product



Number of groups = 113

Center = 40.17699

StdDev = 0.0870694

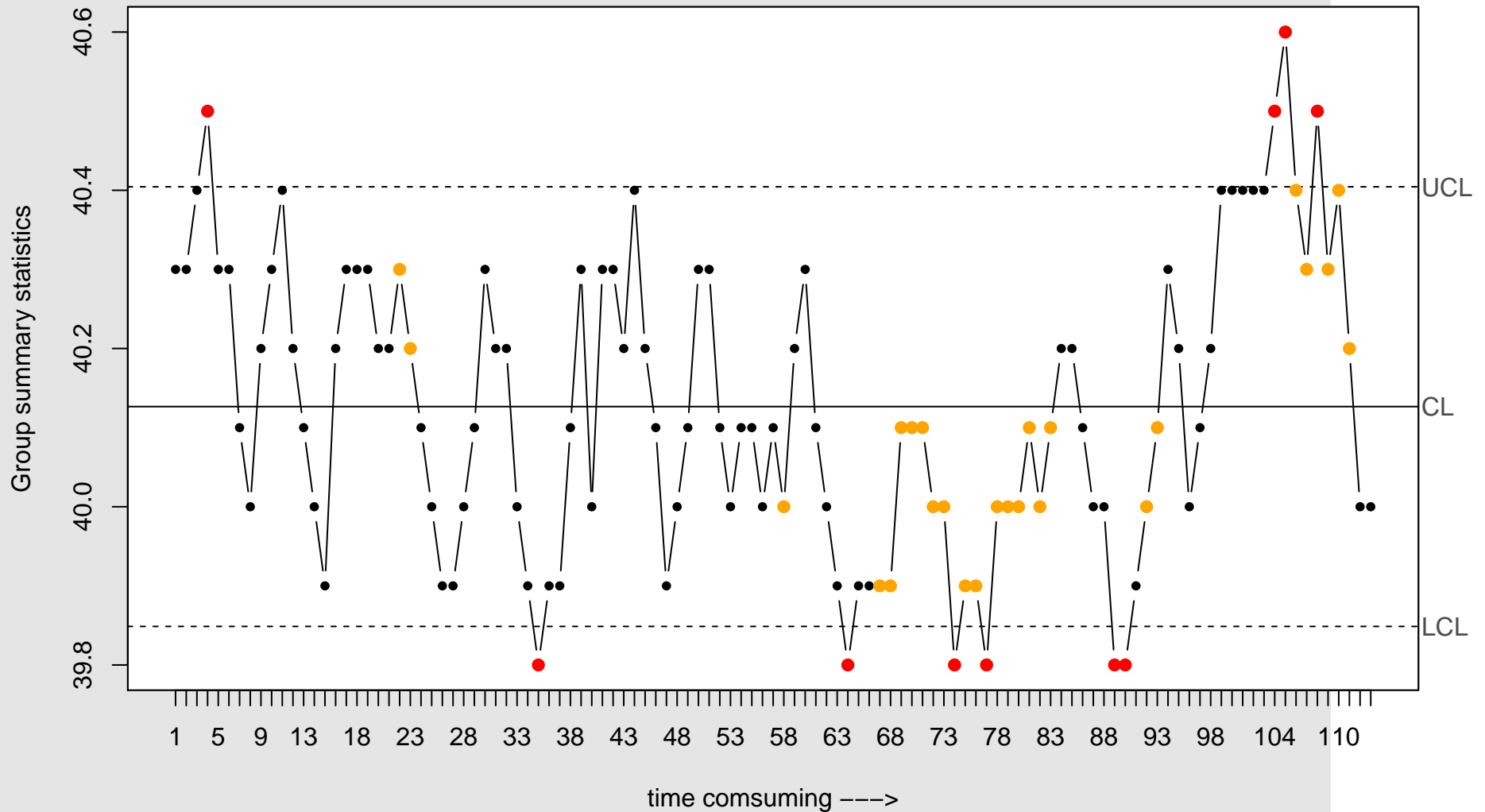
LCL = 39.91578

UCL = 40.4382

Number beyond limits = 16

Number violating runs = 24

# 127th column point of this product



Number of groups = 113

Center = 40.12655

StdDev = 0.09261018

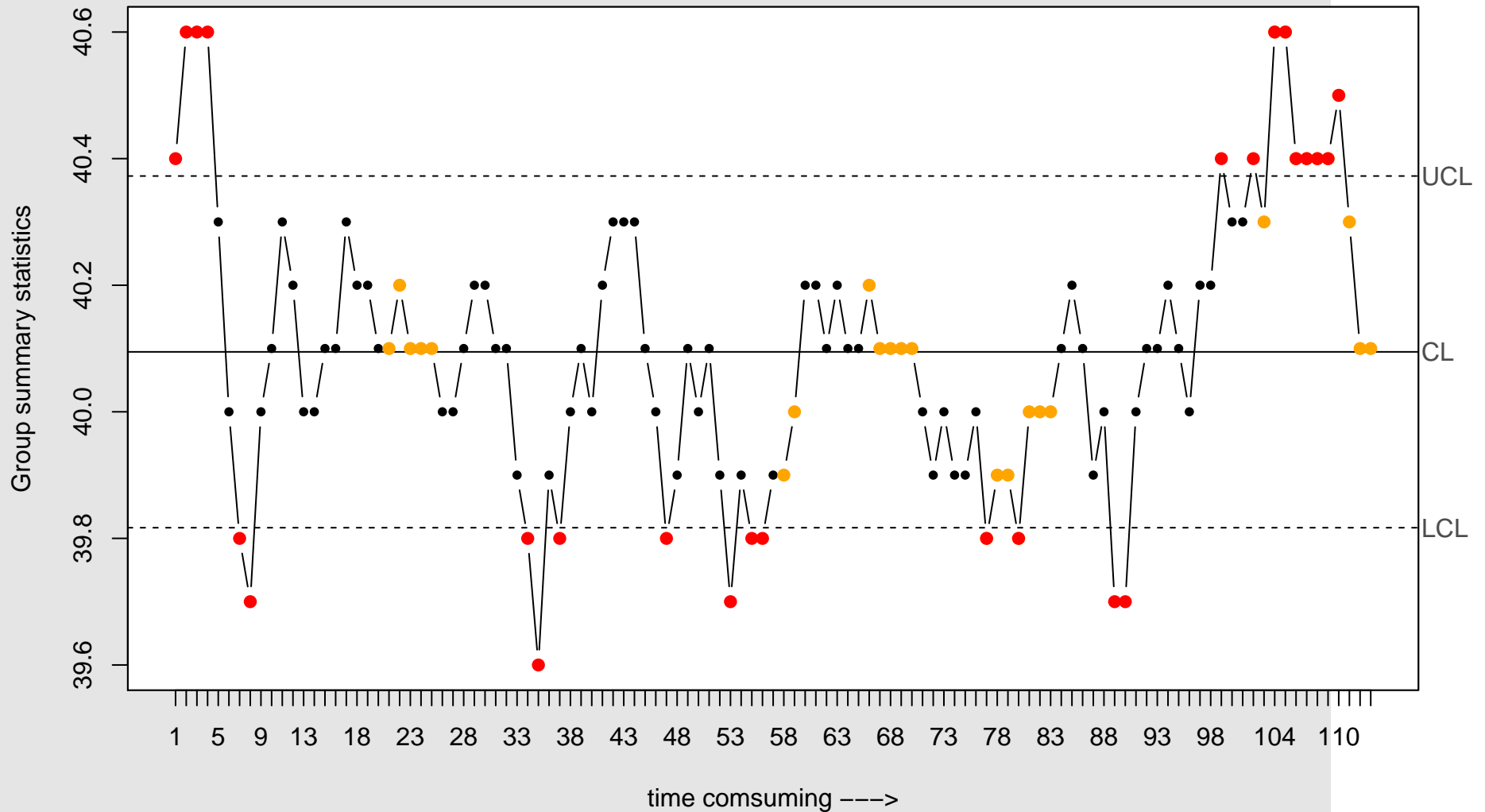
LCL = 39.84872

UCL = 40.40438

Number beyond limits = 10

Number violating runs = 30

# 128th column point of this product

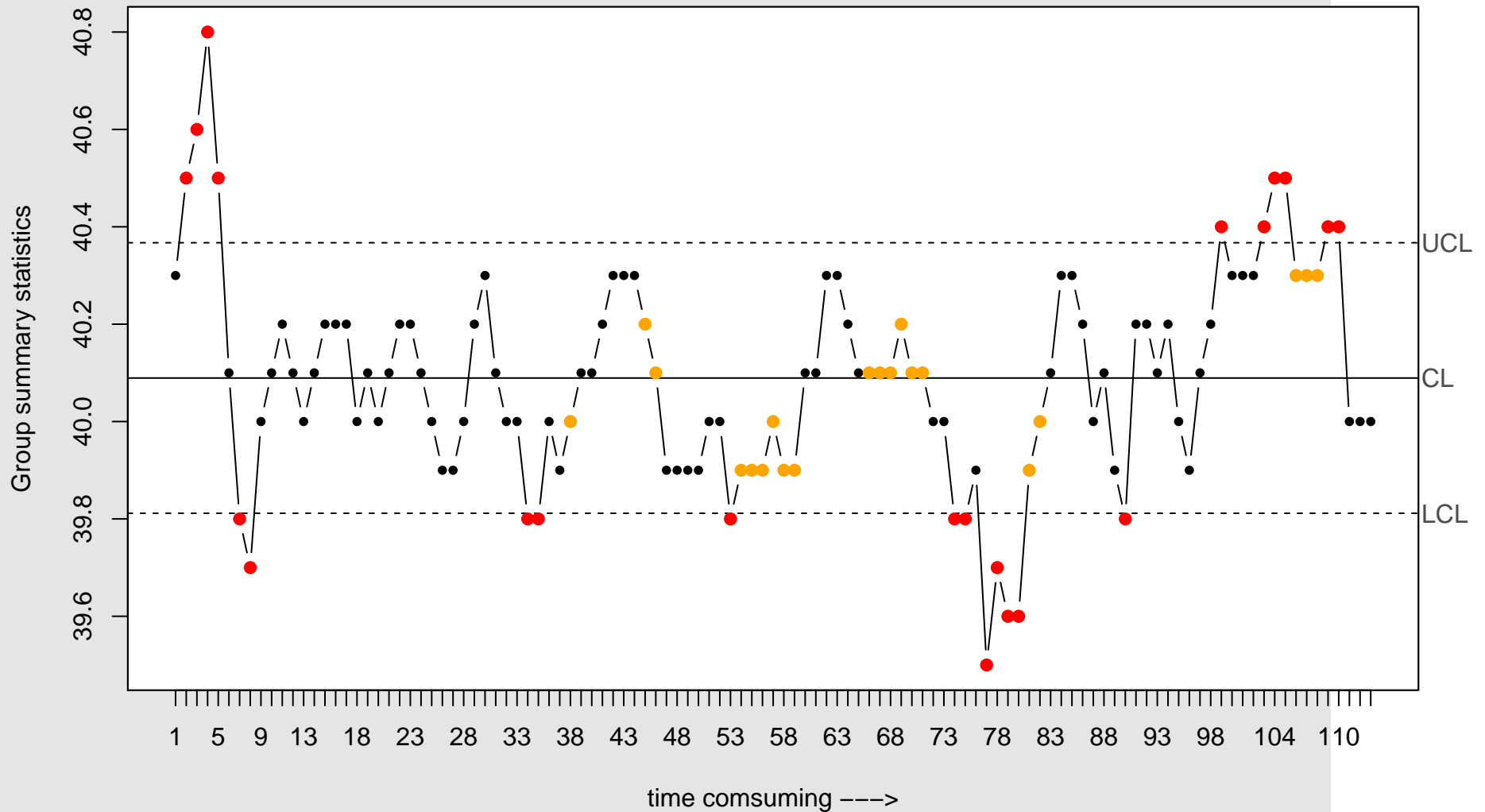


Number of groups = 113  
 Center = 40.09469  
 StdDev = 0.09261018

LCL = 39.81686  
 UCL = 40.37252

Number beyond limits = 26  
 Number violating runs = 30

# 129th column point of this product



Number of groups = 113

Center = 40.08938

StdDev = 0.09261018

LCL = 39.81155

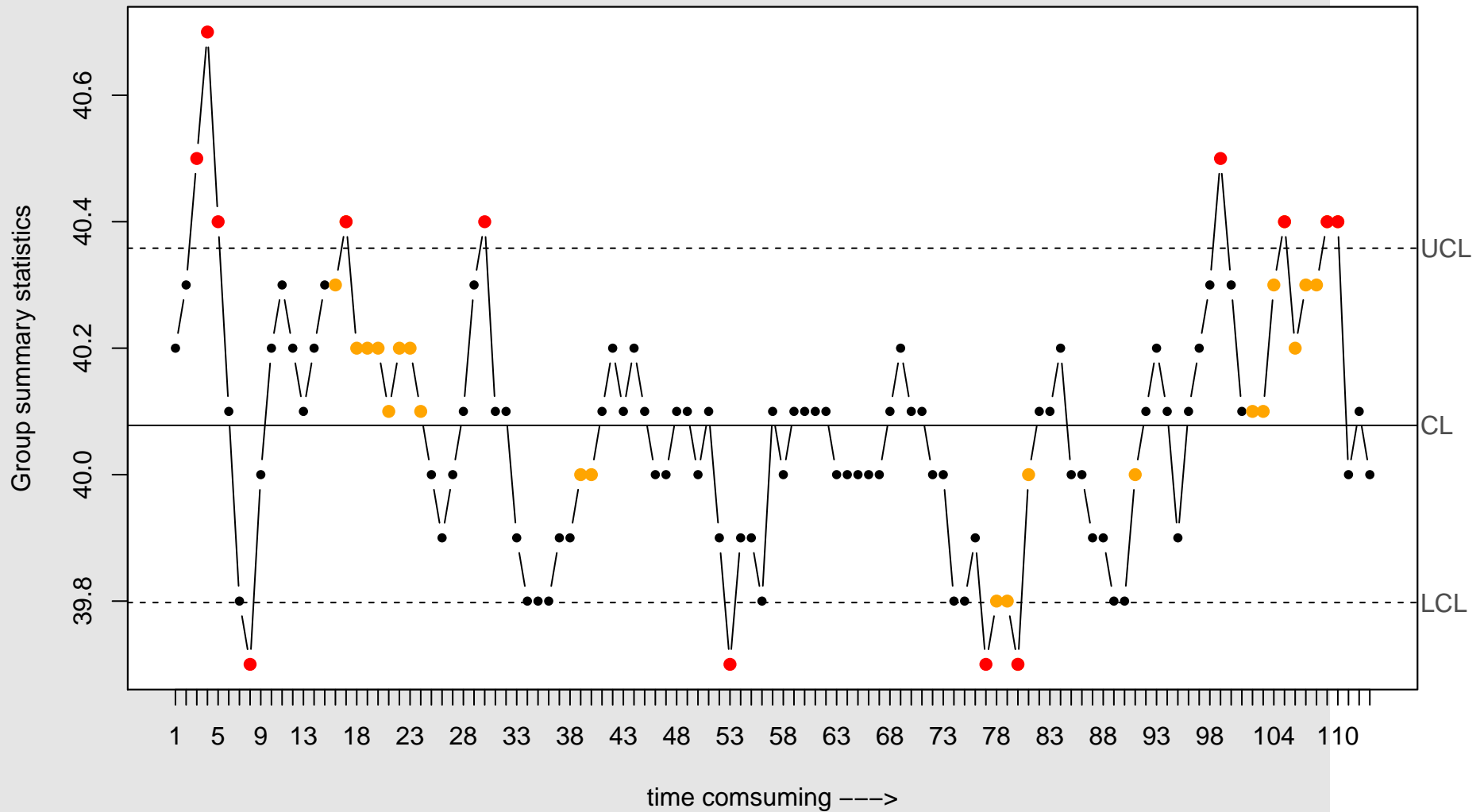
UCL = 40.36721

Number beyond limits = 22

Number violating runs = 29



# 130th column point of this product



Number of groups = 113

Center = 40.07788

StdDev = 0.09340172

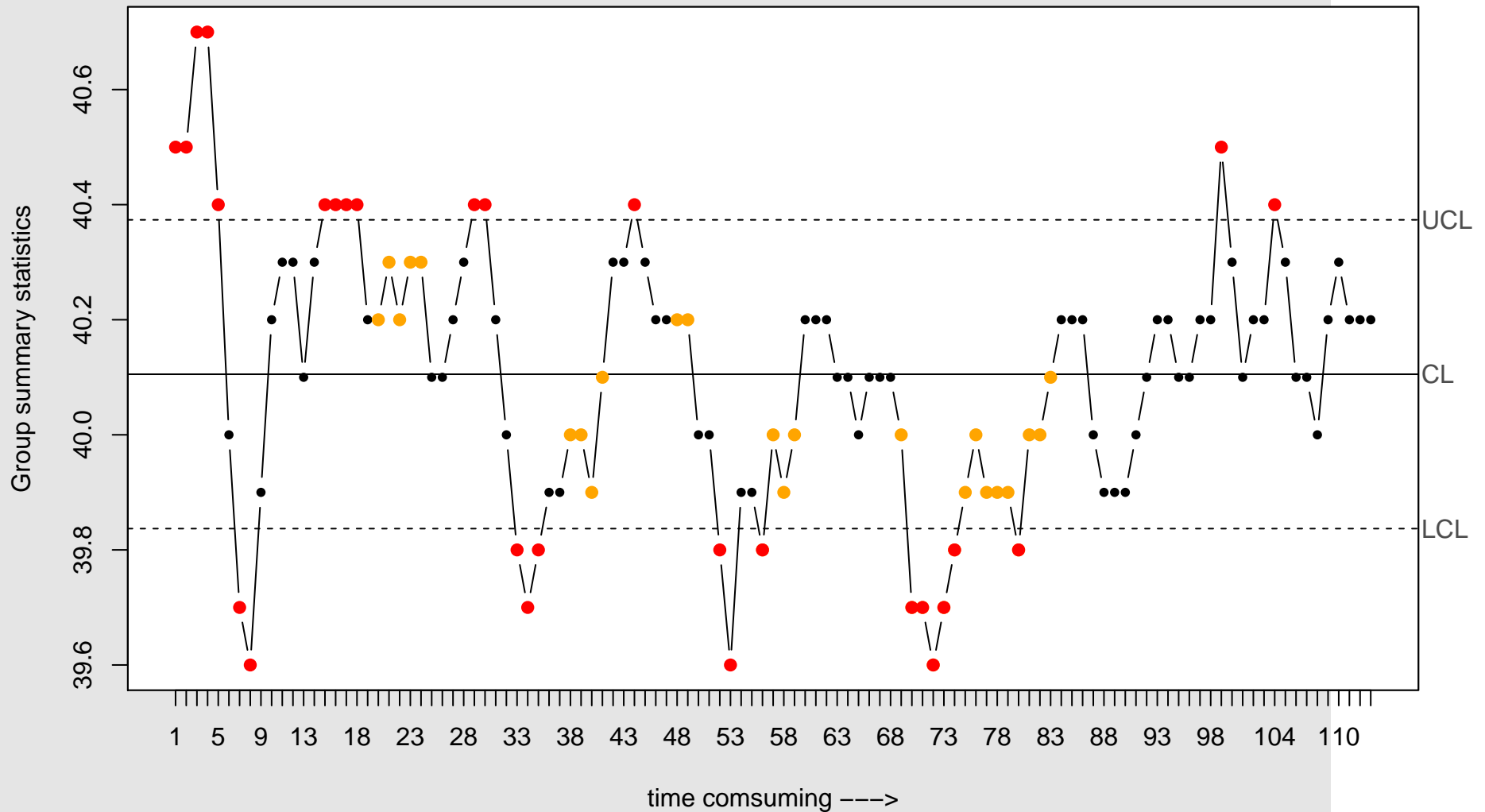
LCL = 39.79767

UCL = 40.35808

Number beyond limits = 13

Number violating runs = 25

# 131th column point of this product



Number of groups = 113

Center = 40.10531

StdDev = 0.08944402

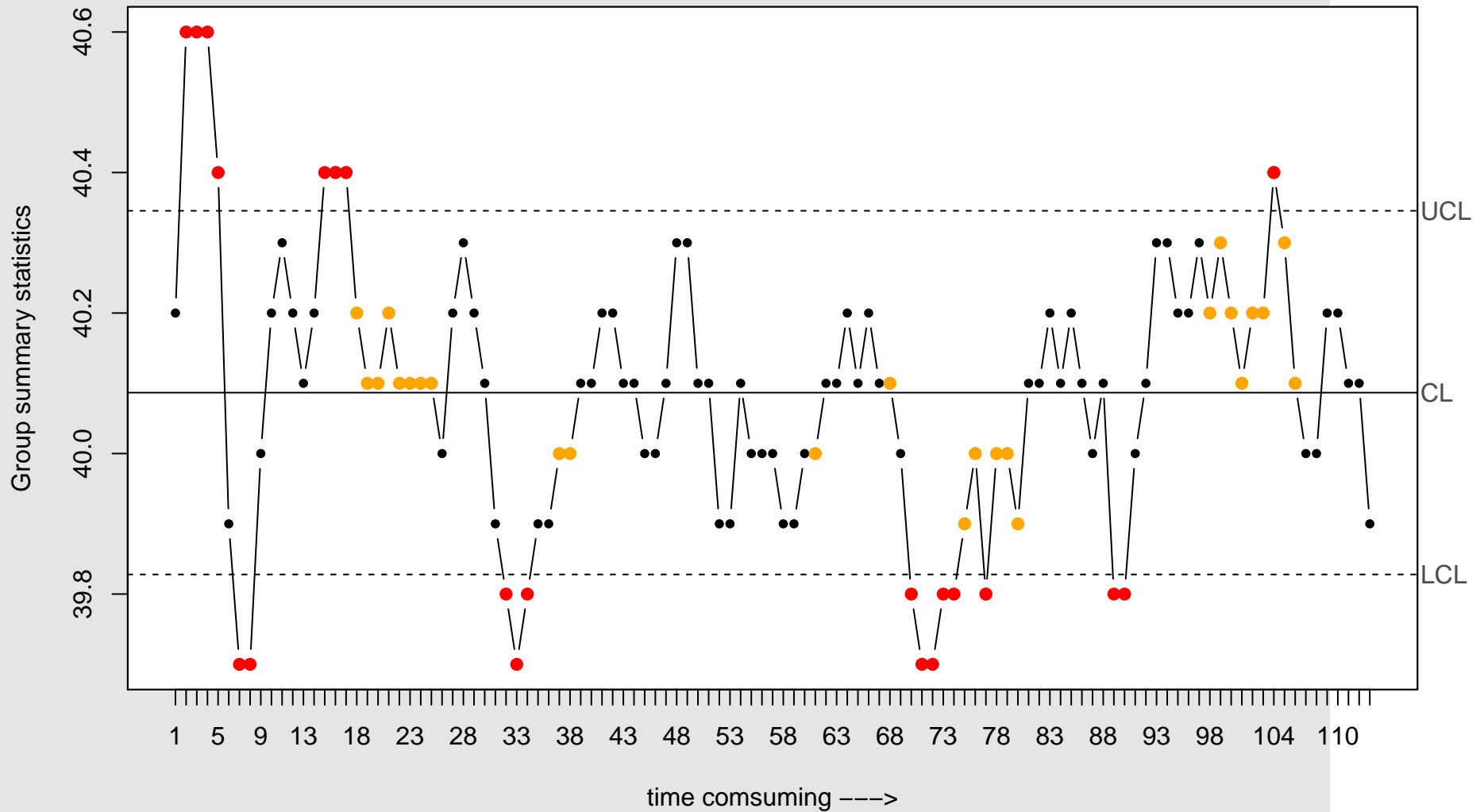
LCL = 39.83698

UCL = 40.37364

Number beyond limits = 28

Number violating runs = 30

# 132th column point of this product



Number of groups = 113

Center = 40.08673

StdDev = 0.08627786

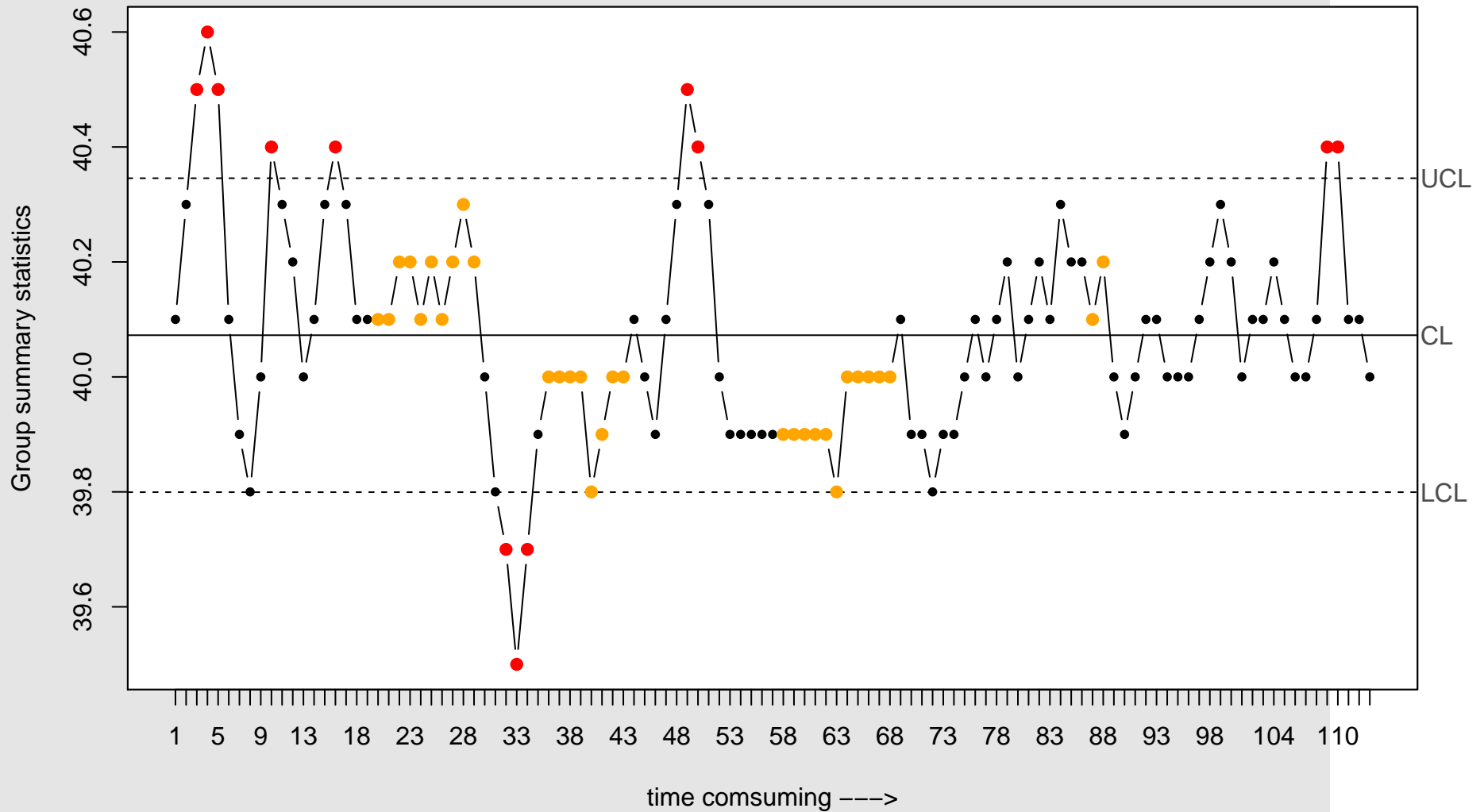
LCL = 39.82789

UCL = 40.34556

Number beyond limits = 21

Number violating runs = 29

# 133th column point of this product



Number of groups = 113

Center = 40.07257

StdDev = 0.0910271

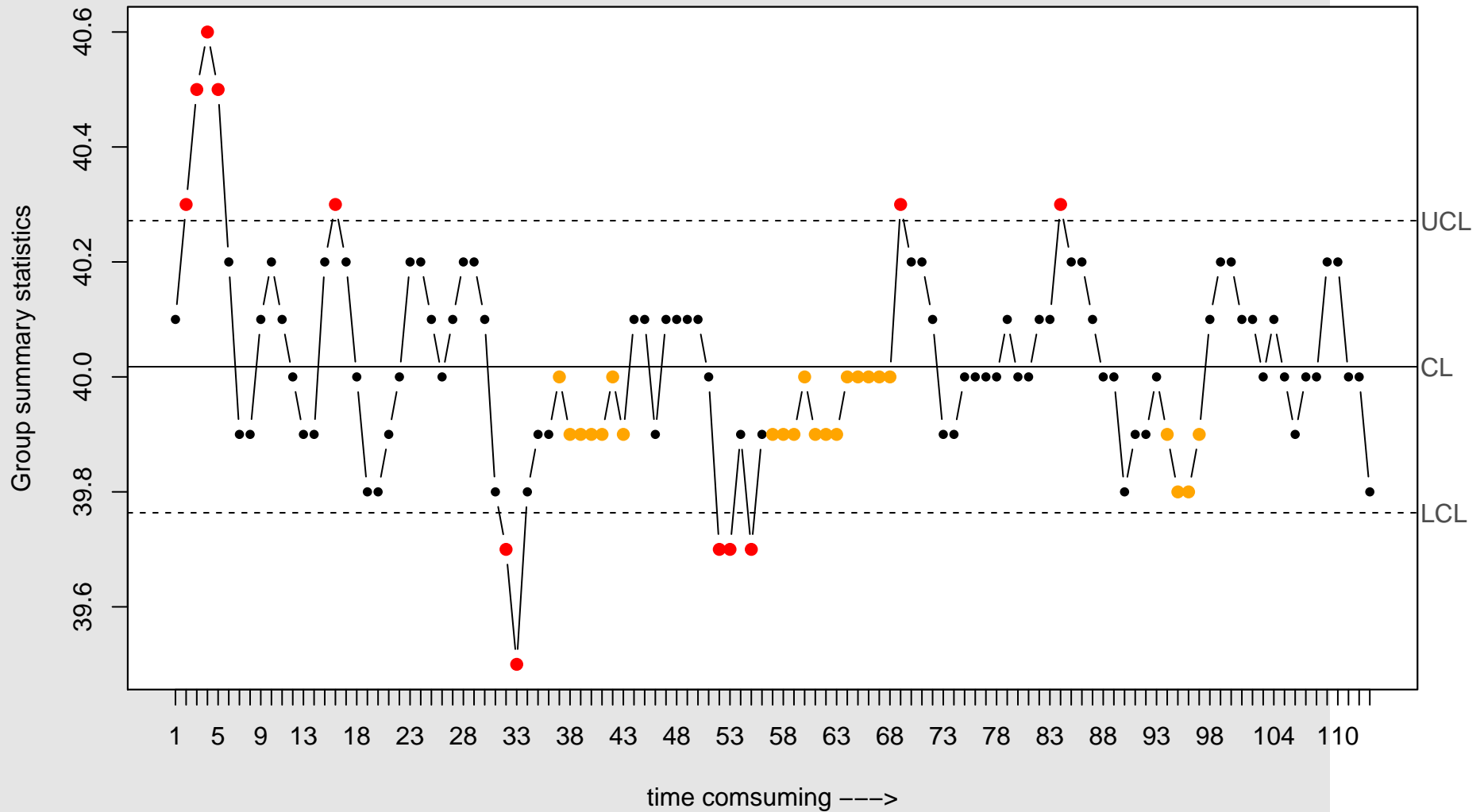
LCL = 39.79949

UCL = 40.34565

Number beyond limits = 12

Number violating runs = 31

# 134th column point of this product

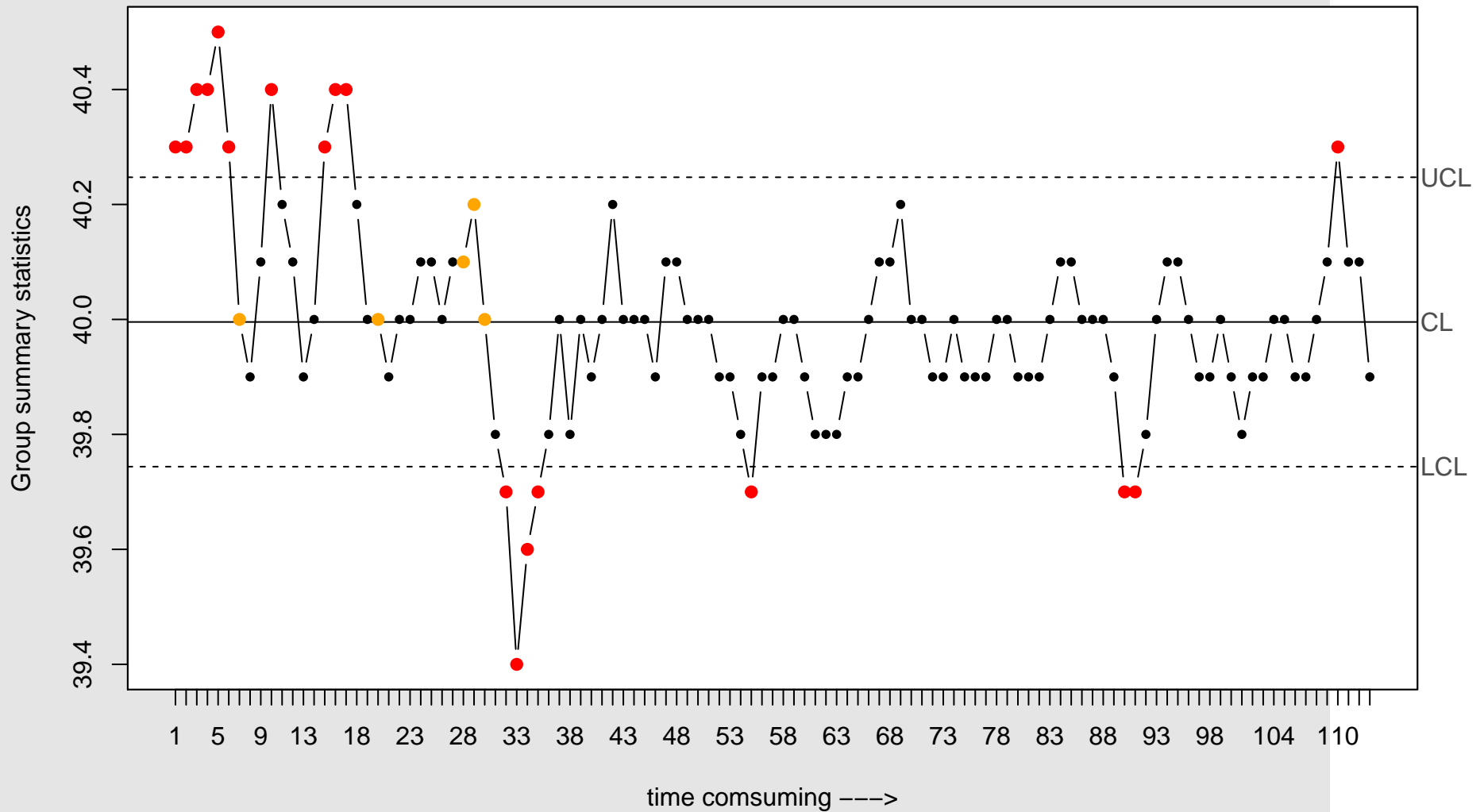


Number of groups = 113  
 Center = 40.0177  
 StdDev = 0.08469478

LCL = 39.76361  
 UCL = 40.27178

Number beyond limits = 12  
 Number violating runs = 23

# 135th column point of this product

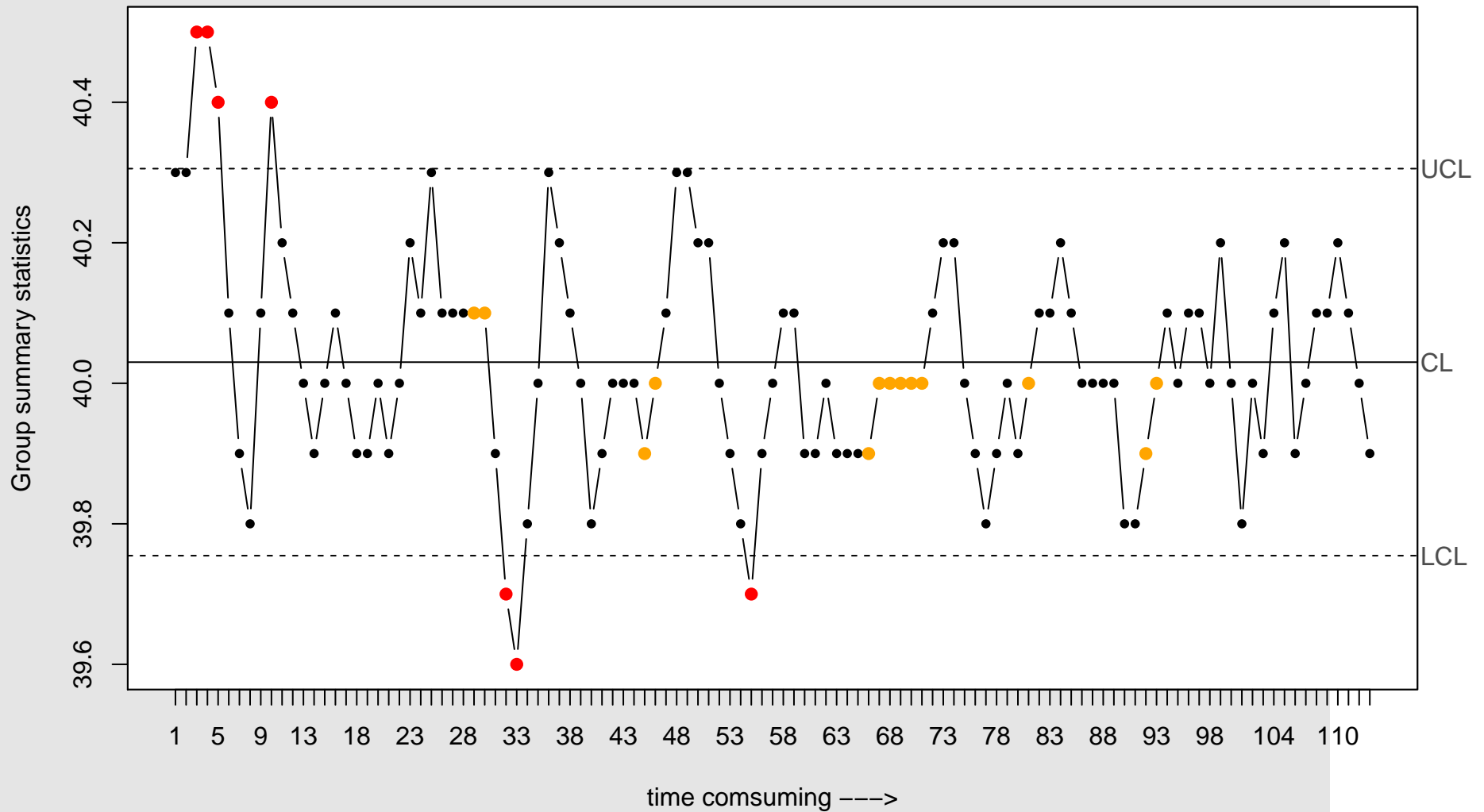


Number of groups = 113  
 Center = 39.99558  
 StdDev = 0.08390324

LCL = 39.74387  
 UCL = 40.24728

Number beyond limits = 18  
 Number violating runs = 5

# 136th column point of this product



Number of groups = 113

Center = 40.03009

StdDev = 0.09181864

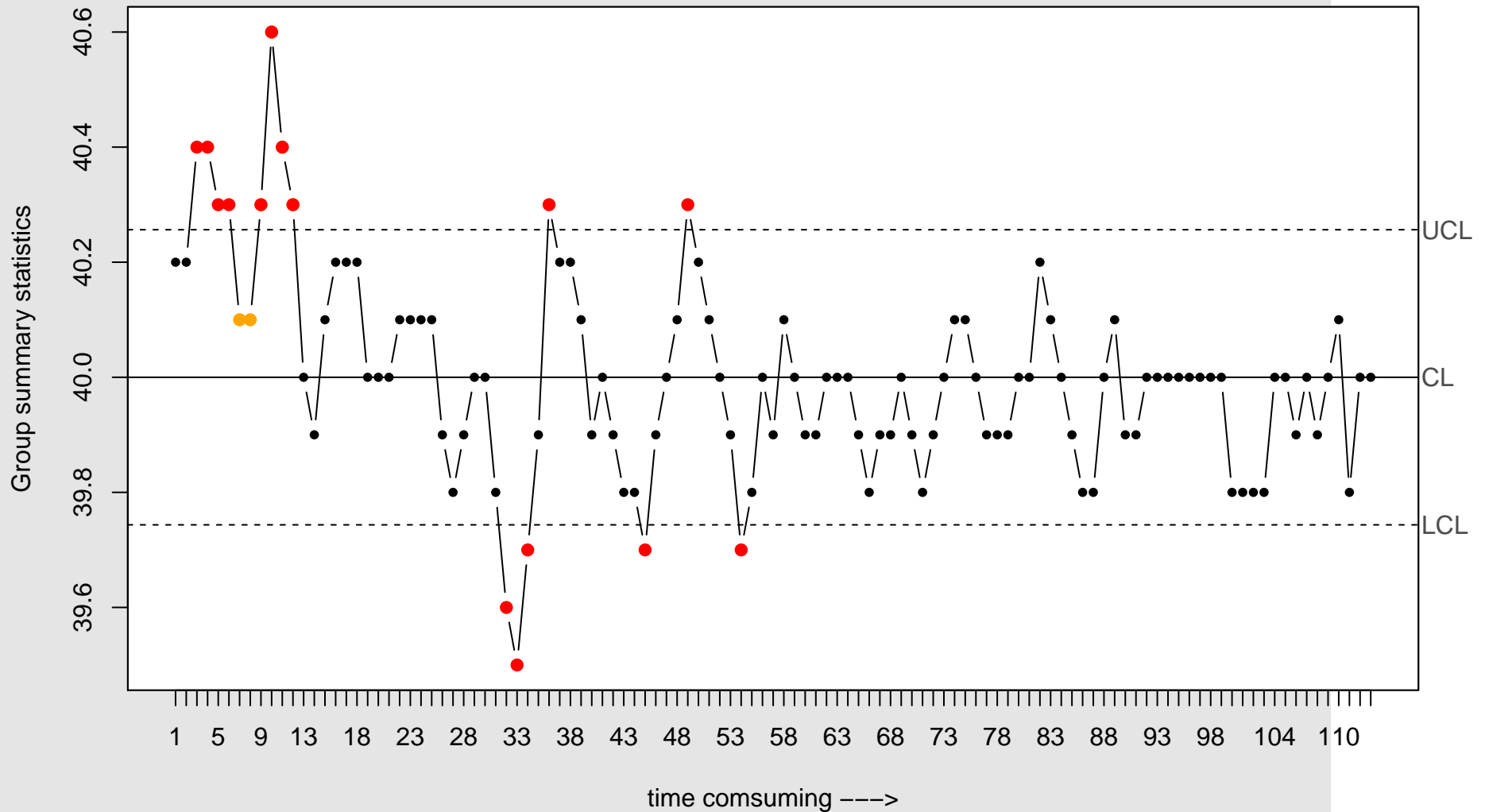
LCL = 39.75463

UCL = 40.30554

Number beyond limits = 7

Number violating runs = 13

# 137th column point of this product



Number of groups = 113

Center = 40

StdDev = 0.08548632

LCL = 39.74354

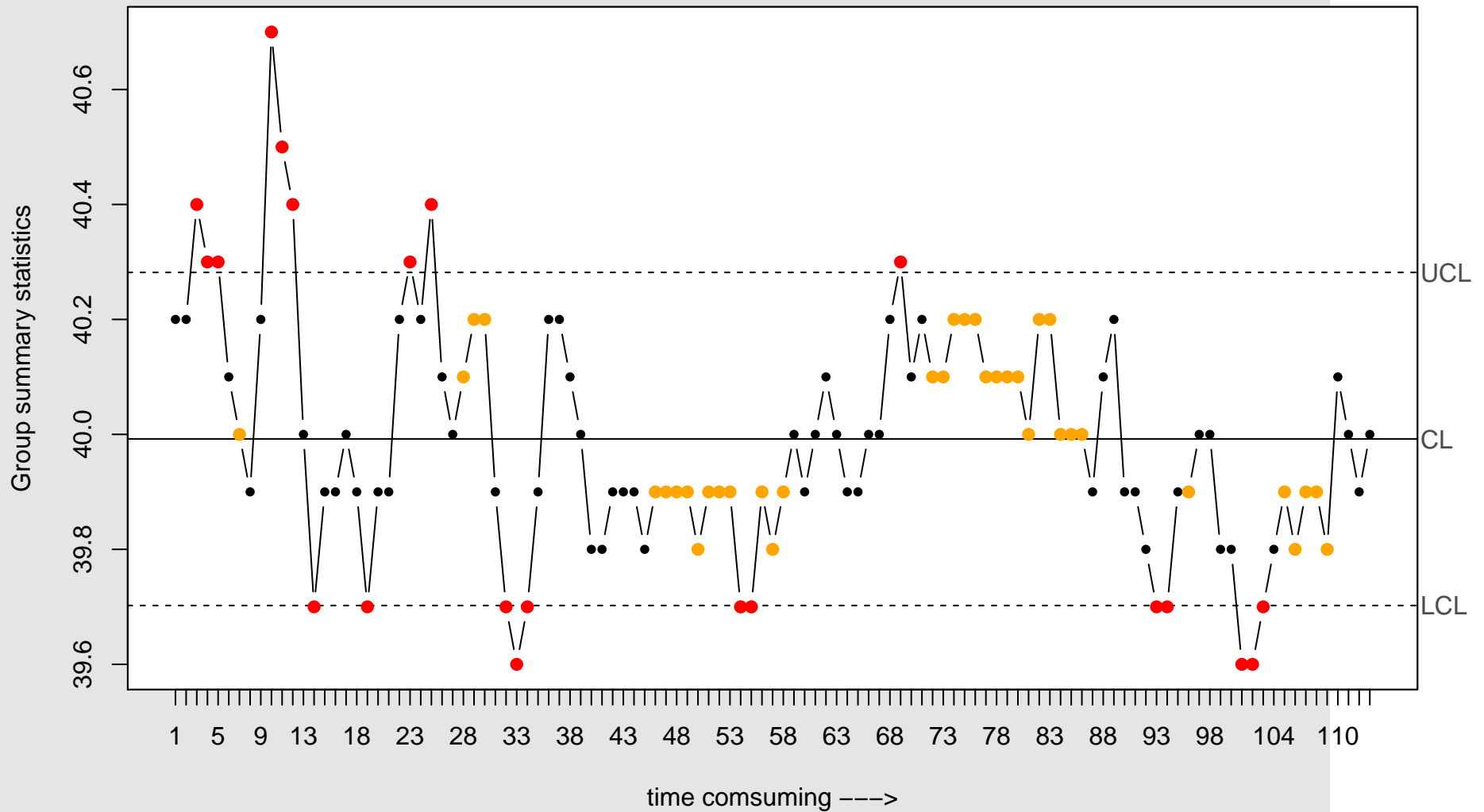
UCL = 40.25646

Number beyond limits = 15

Number violating runs = 6



# 138th column point of this product

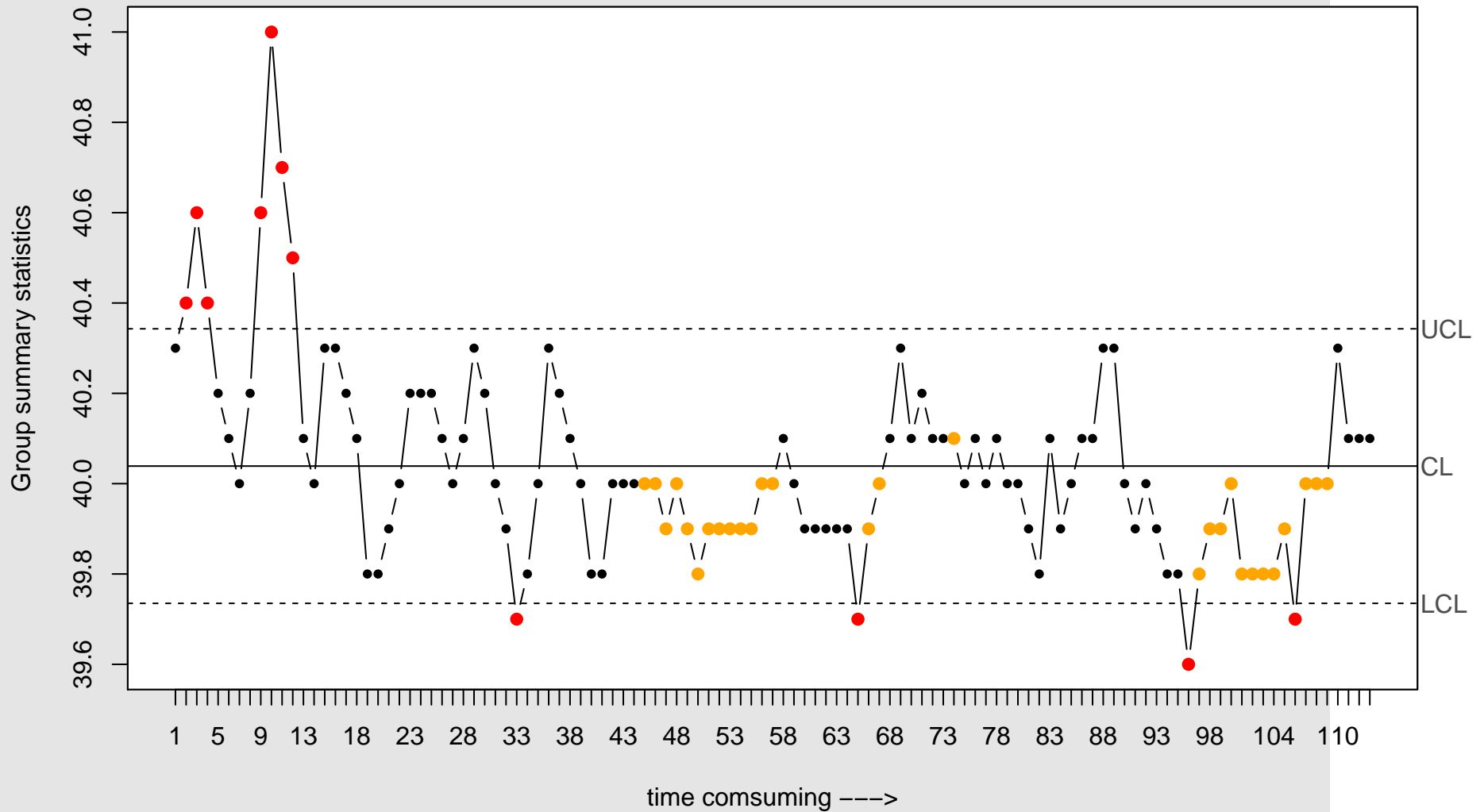


Number of groups = 113  
 Center = 39.99204  
 StdDev = 0.09656788

LCL = 39.70233  
 UCL = 40.28174

Number beyond limits = 21  
 Number violating runs = 38

# 139th column point of this product



Number of groups = 113

Center = 40.03894

StdDev = 0.1013171

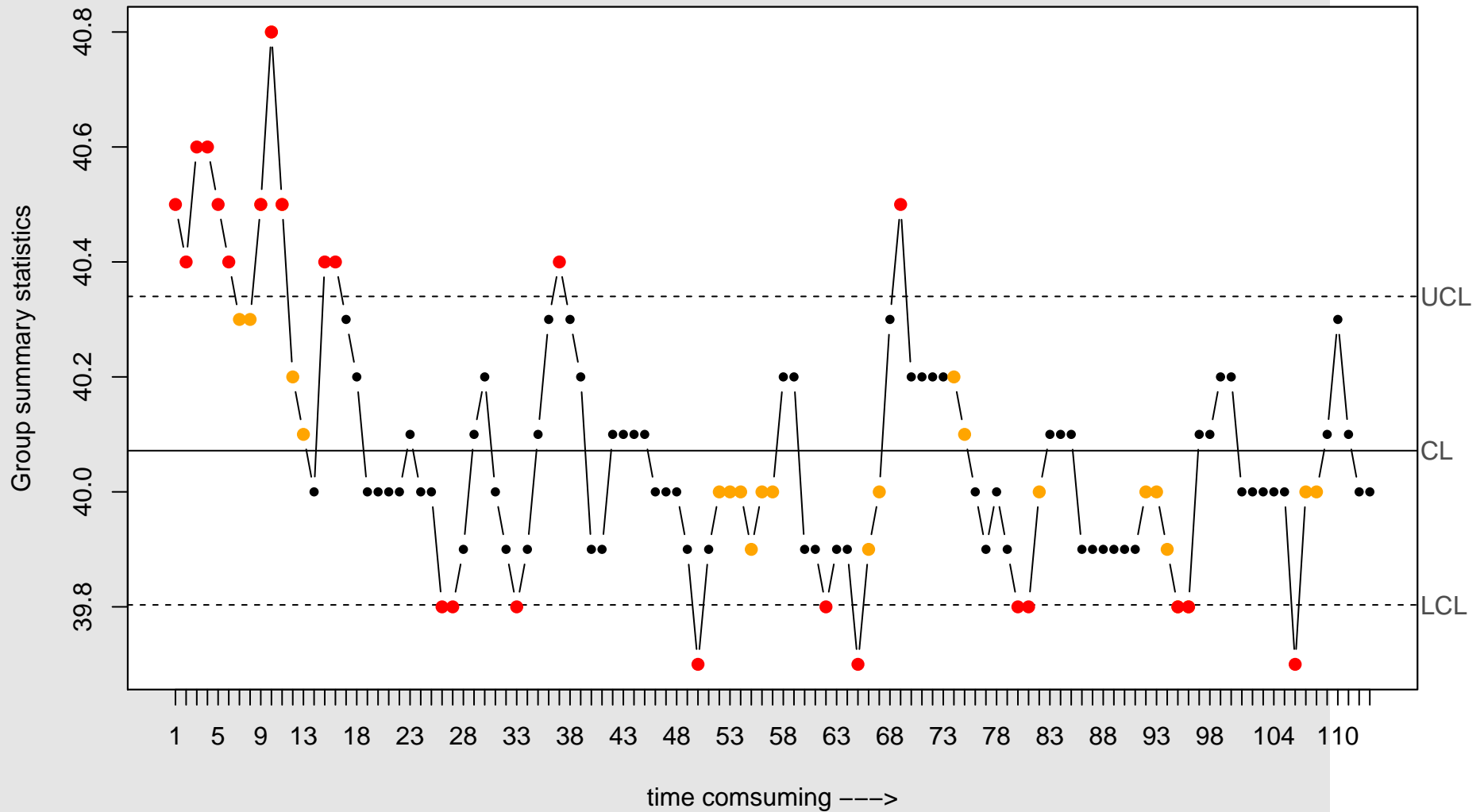
LCL = 39.73499

UCL = 40.34289

Number beyond limits = 11

Number violating runs = 31

# 140th column point of this product

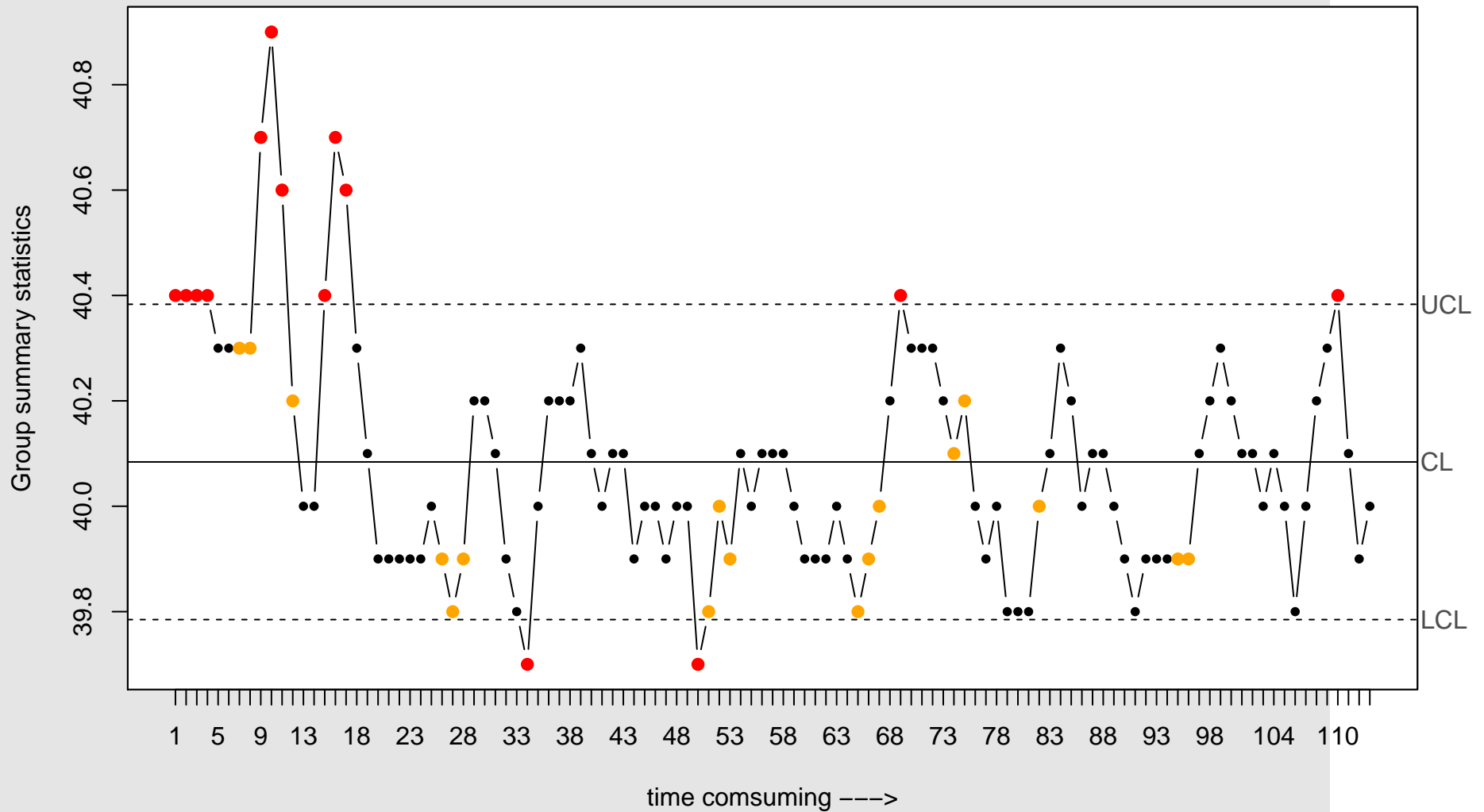


Number of groups = 113  
 Center = 40.07168  
 StdDev = 0.08944402

LCL = 39.80335  
 UCL = 40.34001

Number beyond limits = 24  
 Number violating runs = 25

# 141th column point of this product

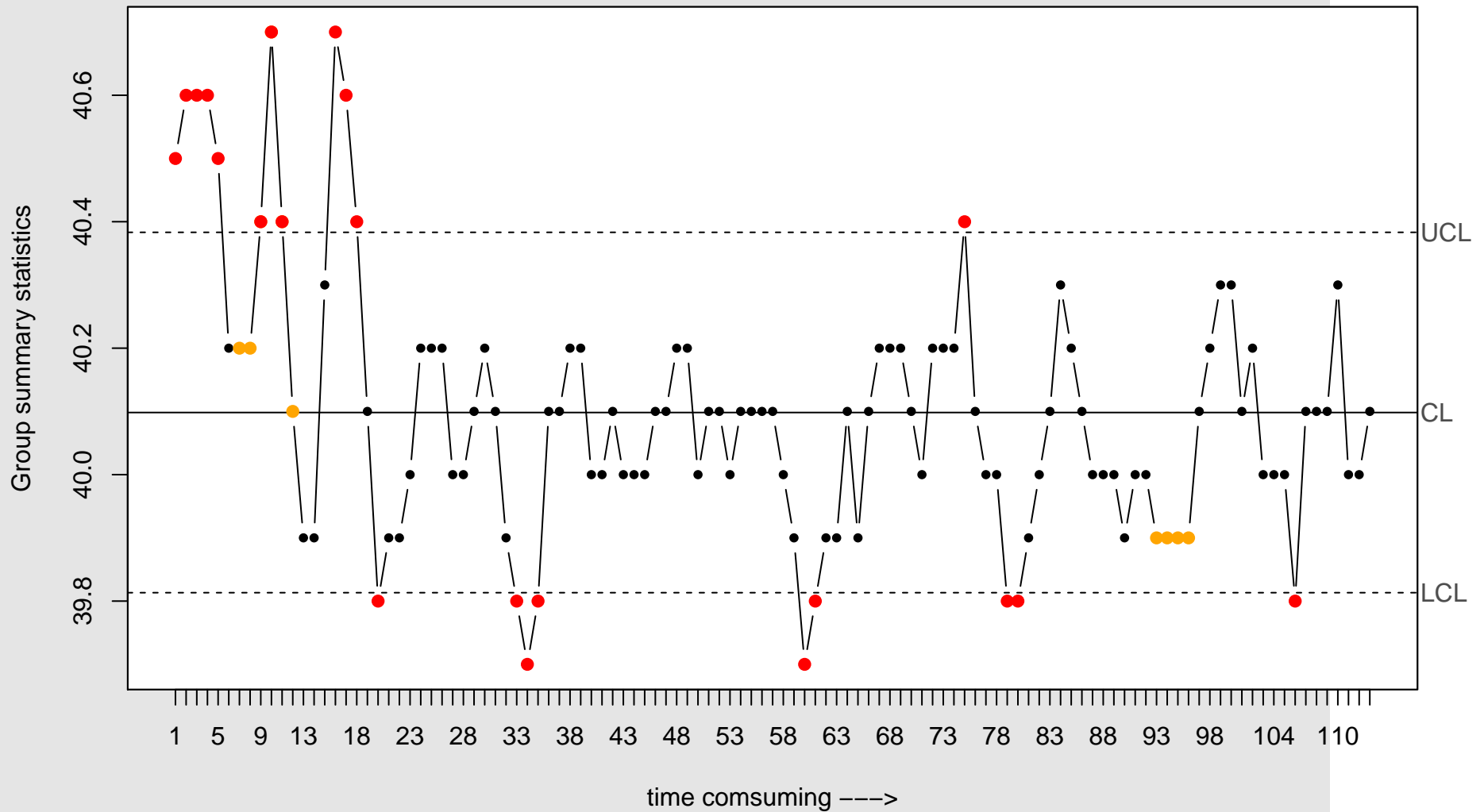


Number of groups = 113  
 Center = 40.08407  
 StdDev = 0.09973404

LCL = 39.78487  
 UCL = 40.38327

Number beyond limits = 14  
 Number violating runs = 21

# 142th column point of this product



Number of groups = 113

Center = 40.09823

StdDev = 0.0949848

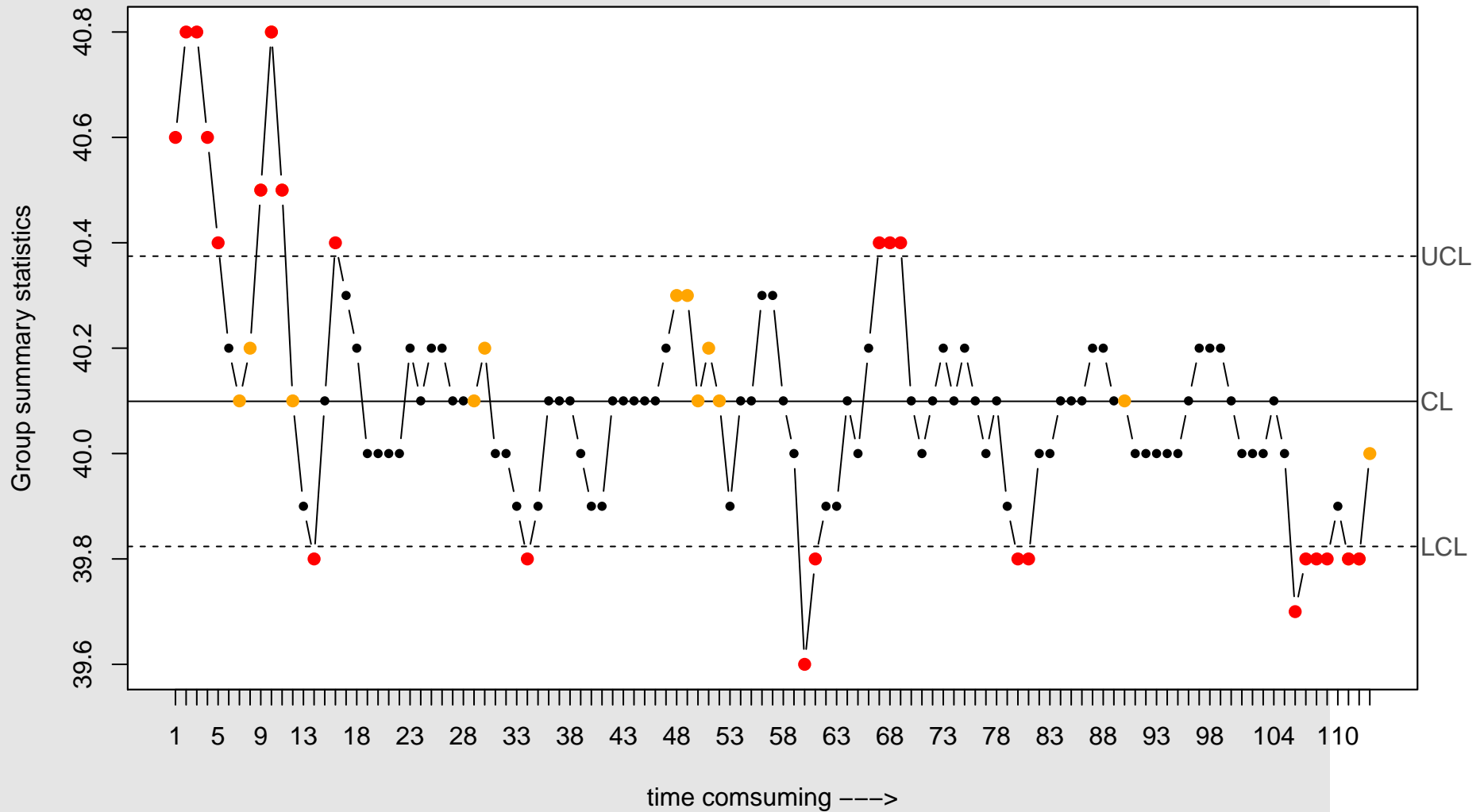
LCL = 39.81328

UCL = 40.38318

Number beyond limits = 21

Number violating runs = 10

# 143th column point of this product

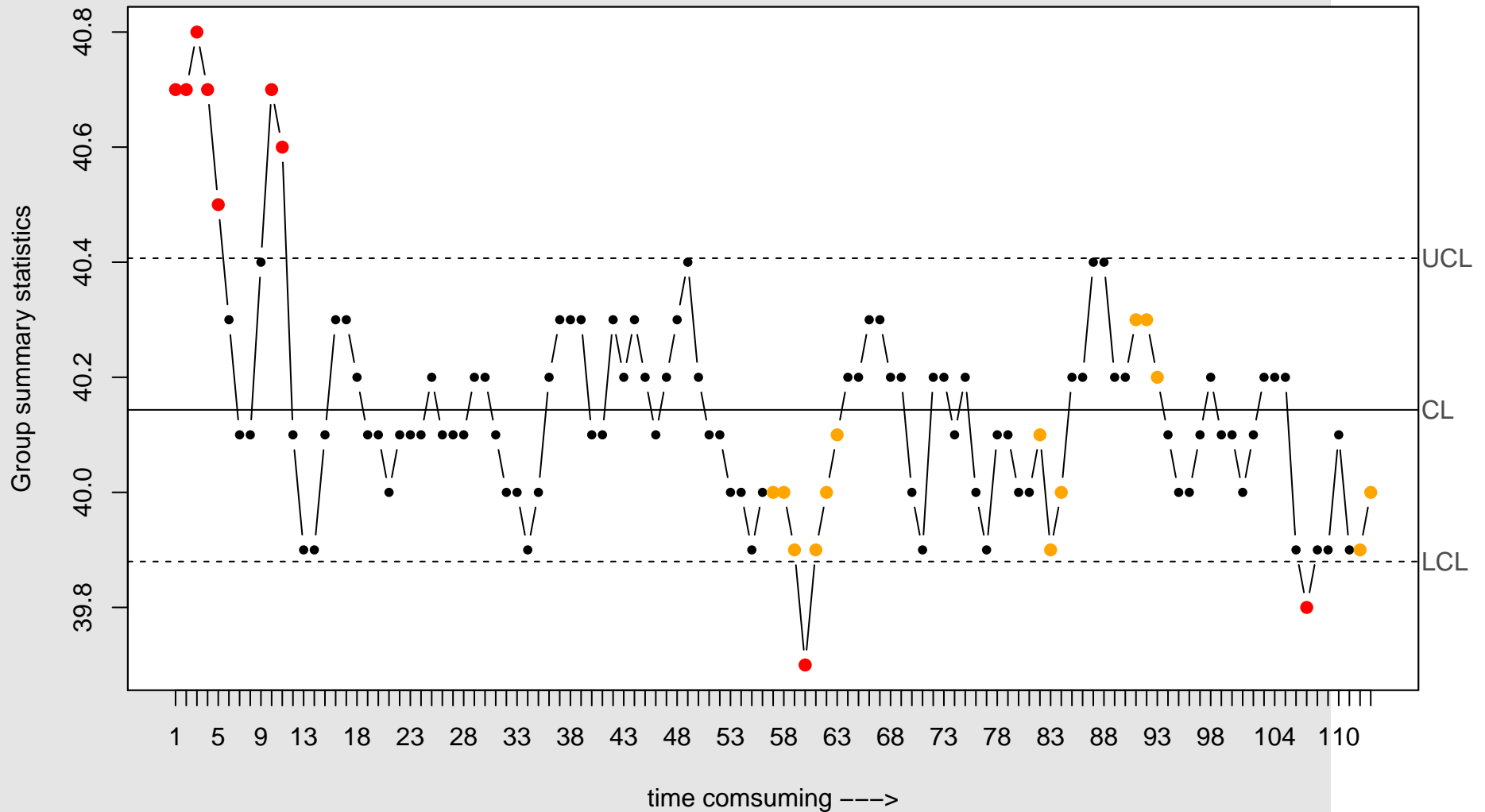


Number of groups = 113  
 Center = 40.09912  
 StdDev = 0.09181864

LCL = 39.82366  
 UCL = 40.37457

Number beyond limits = 24  
 Number violating runs = 17

# 144th column point of this product

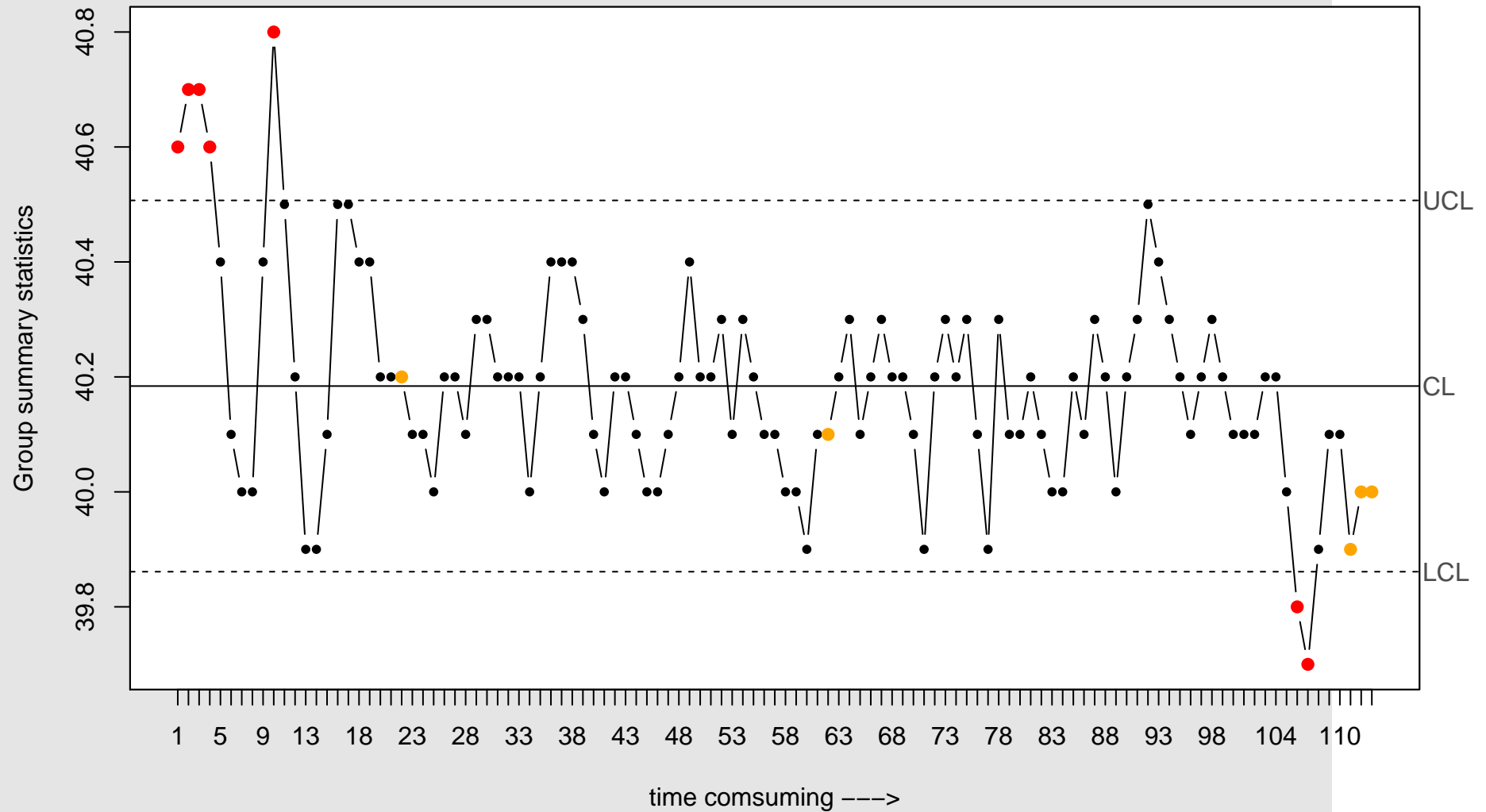


Number of groups = 113  
 Center = 40.14336  
 StdDev = 0.08786094

LCL = 39.87978  
 UCL = 40.40695

Number beyond limits = 9  
 Number violating runs = 15

# 145th column point of this product



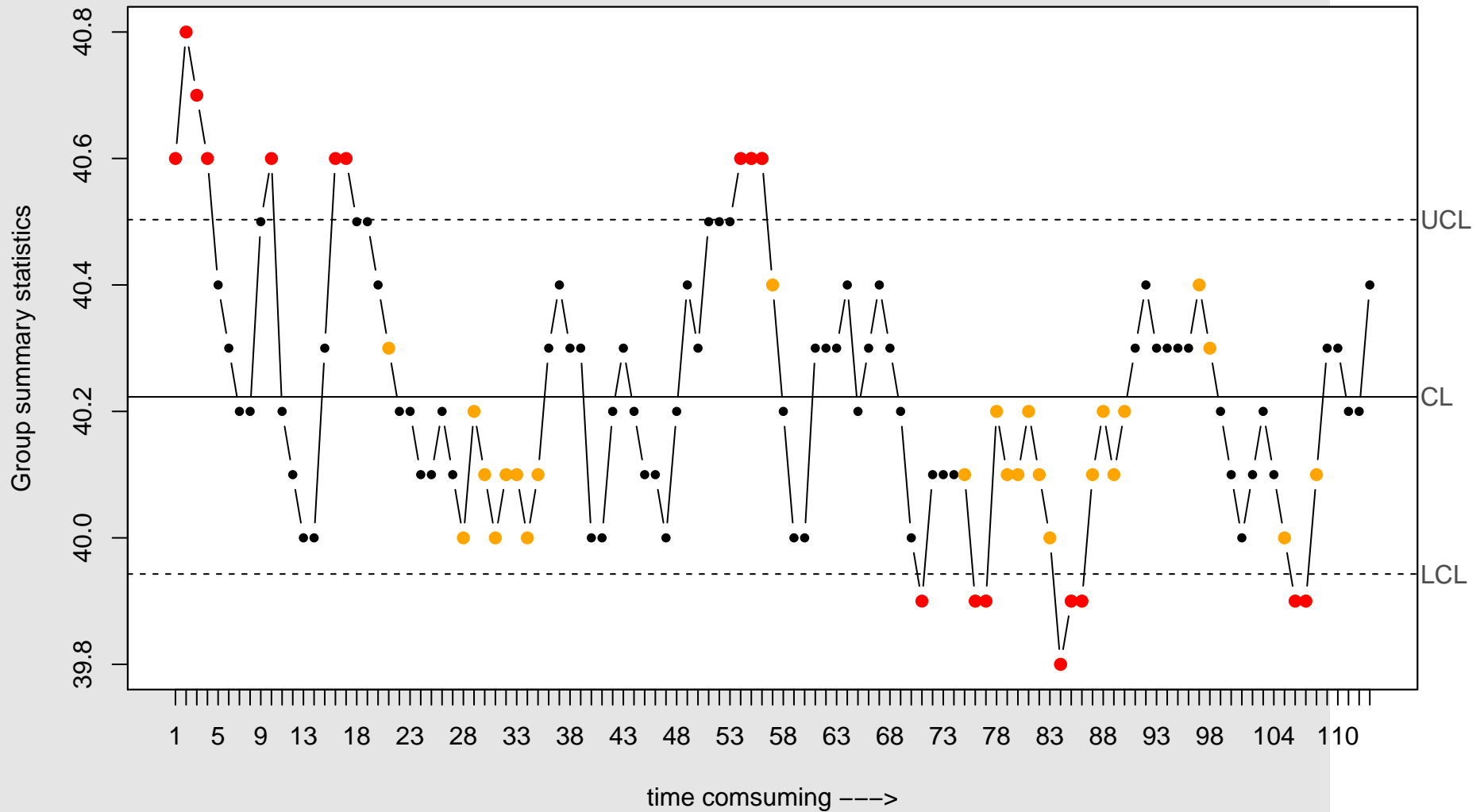
Number of groups = 113  
 Center = 40.18407  
 StdDev = 0.1076494

LCL = 39.86112  
 UCL = 40.50702

Number beyond limits = 7  
 Number violating runs = 5



# 146th column point of this product

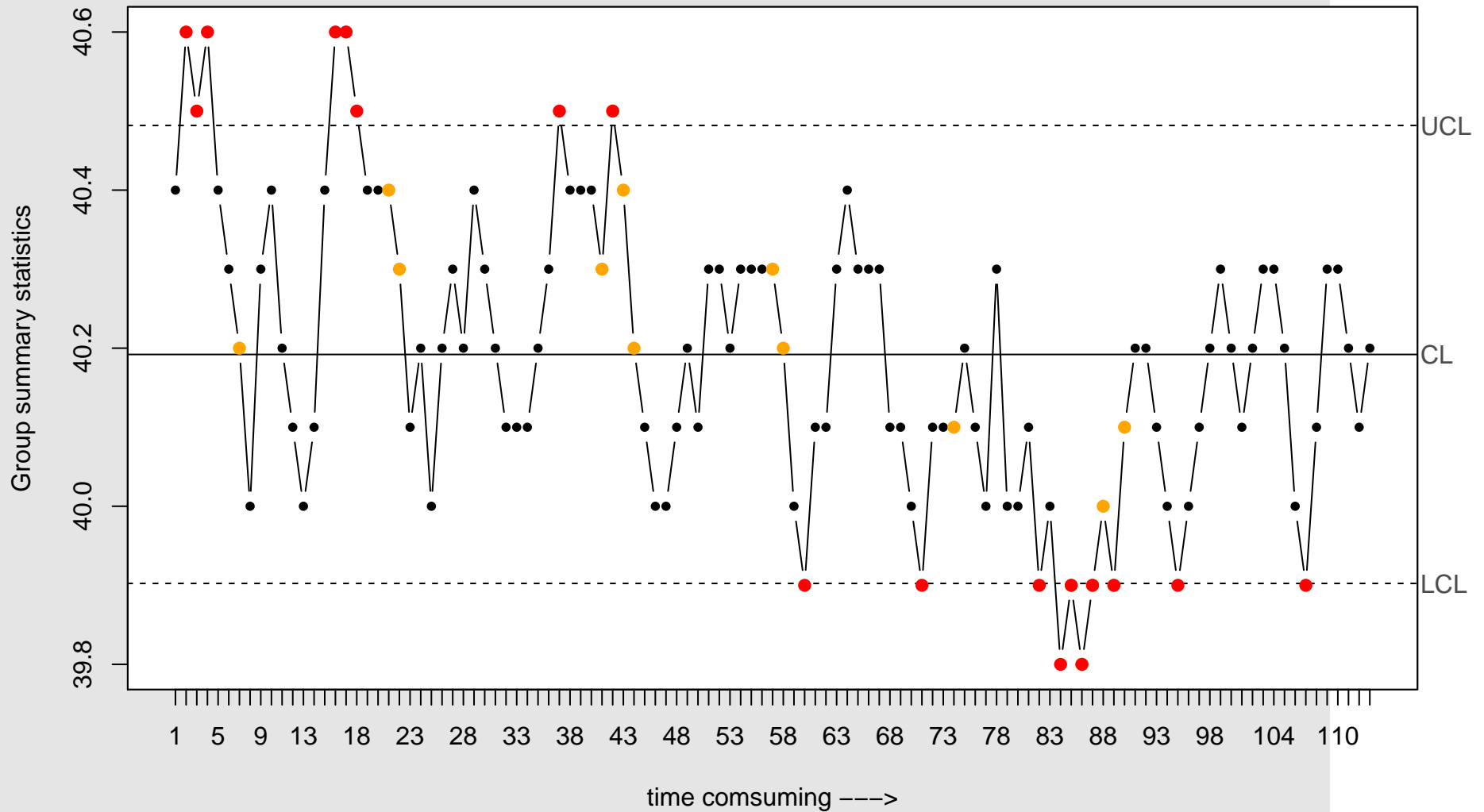


Number of groups = 113  
 Center = 40.22301  
 StdDev = 0.09340172

LCL = 39.9428  
 UCL = 40.50321

Number beyond limits = 18  
 Number violating runs = 34

# 147th column point of this product

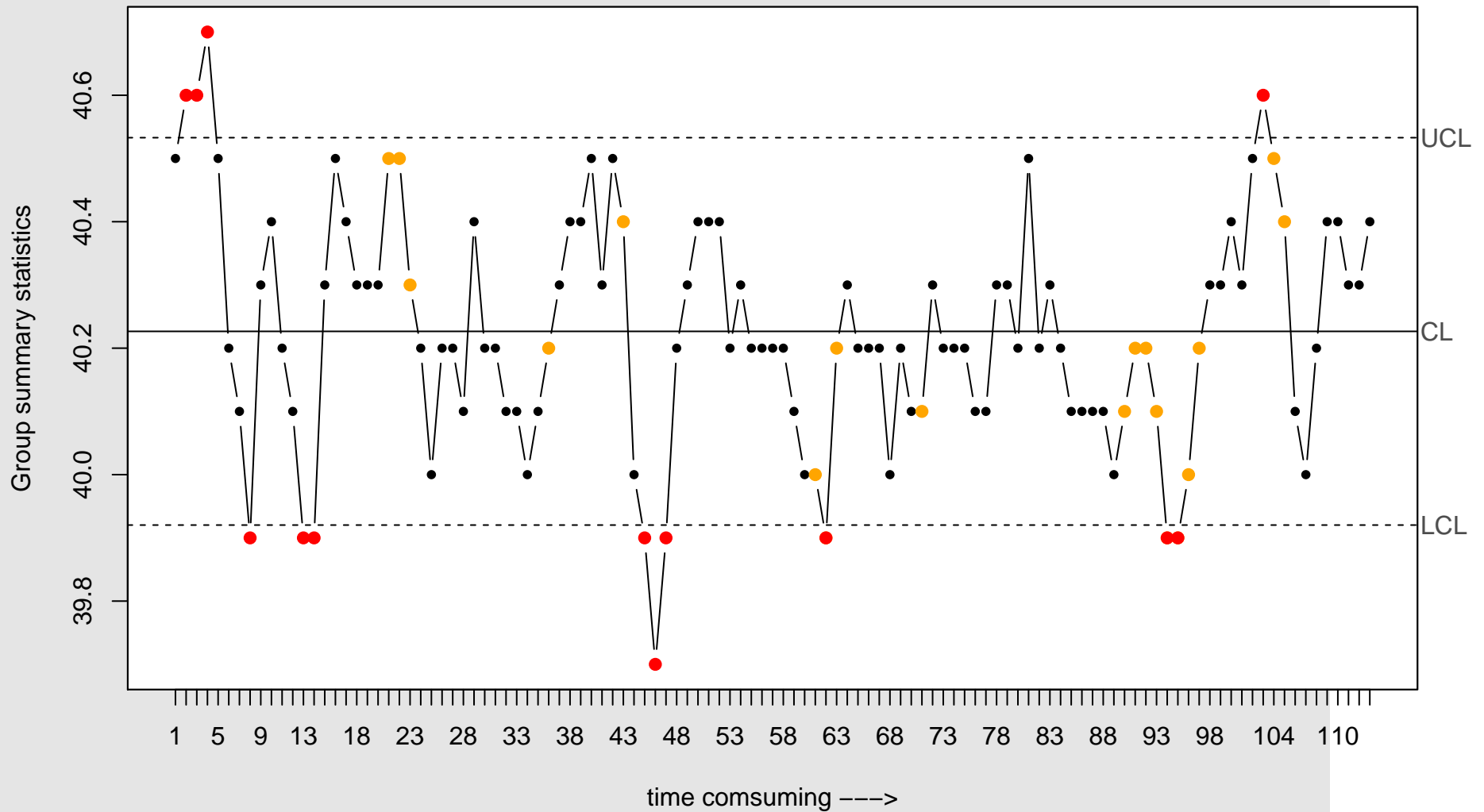


Number of groups = 113  
Center = 40.19204  
StdDev = 0.09656788

LCL = 39.90233  
UCL = 40.48174

Number beyond limits = 18  
Number violating runs = 16

# 148th column point of this product

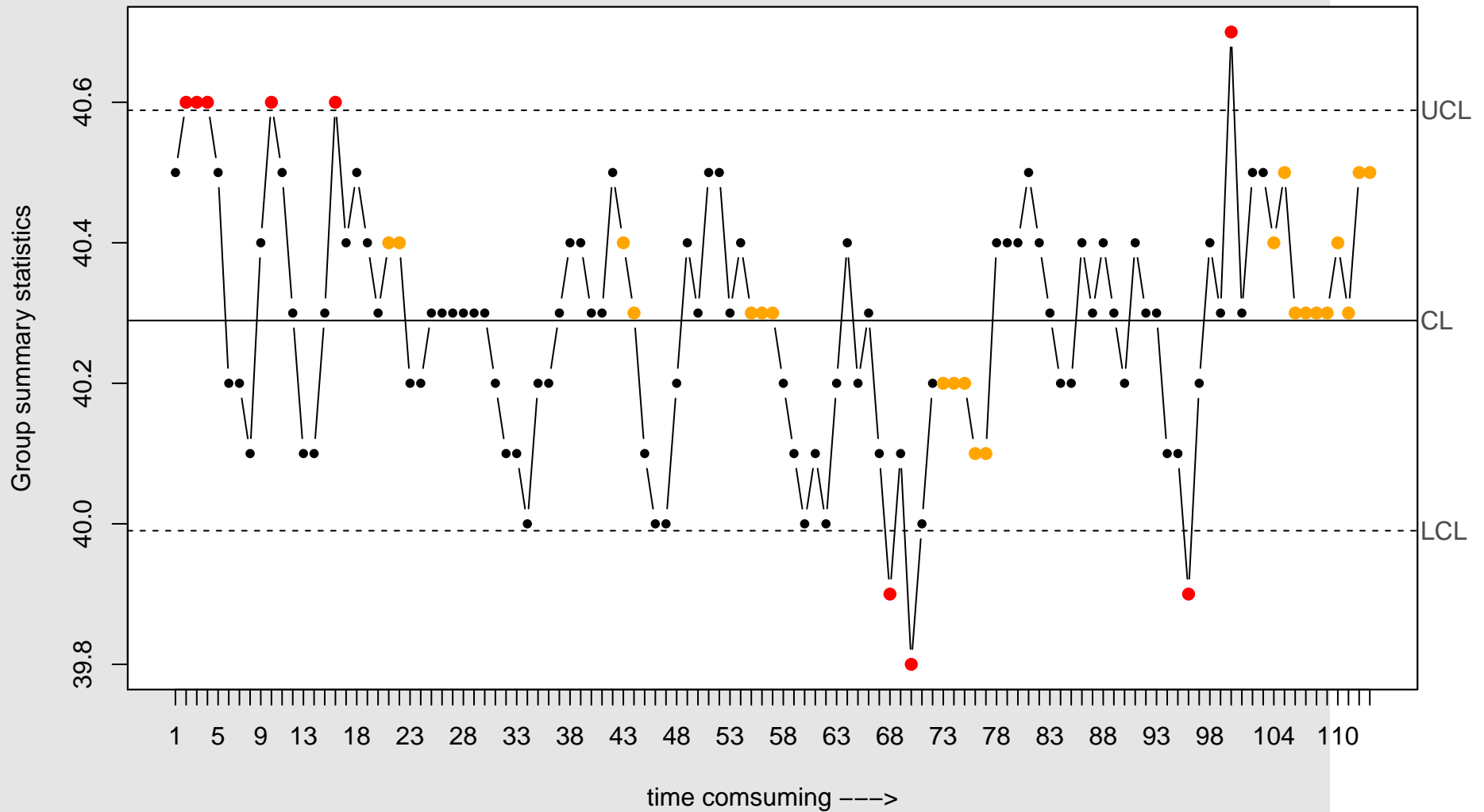


Number of groups = 113  
 Center = 40.22655  
 StdDev = 0.1021087

LCL = 39.92022  
 UCL = 40.53287

Number beyond limits = 13  
 Number violating runs = 19

# 149th column point of this product

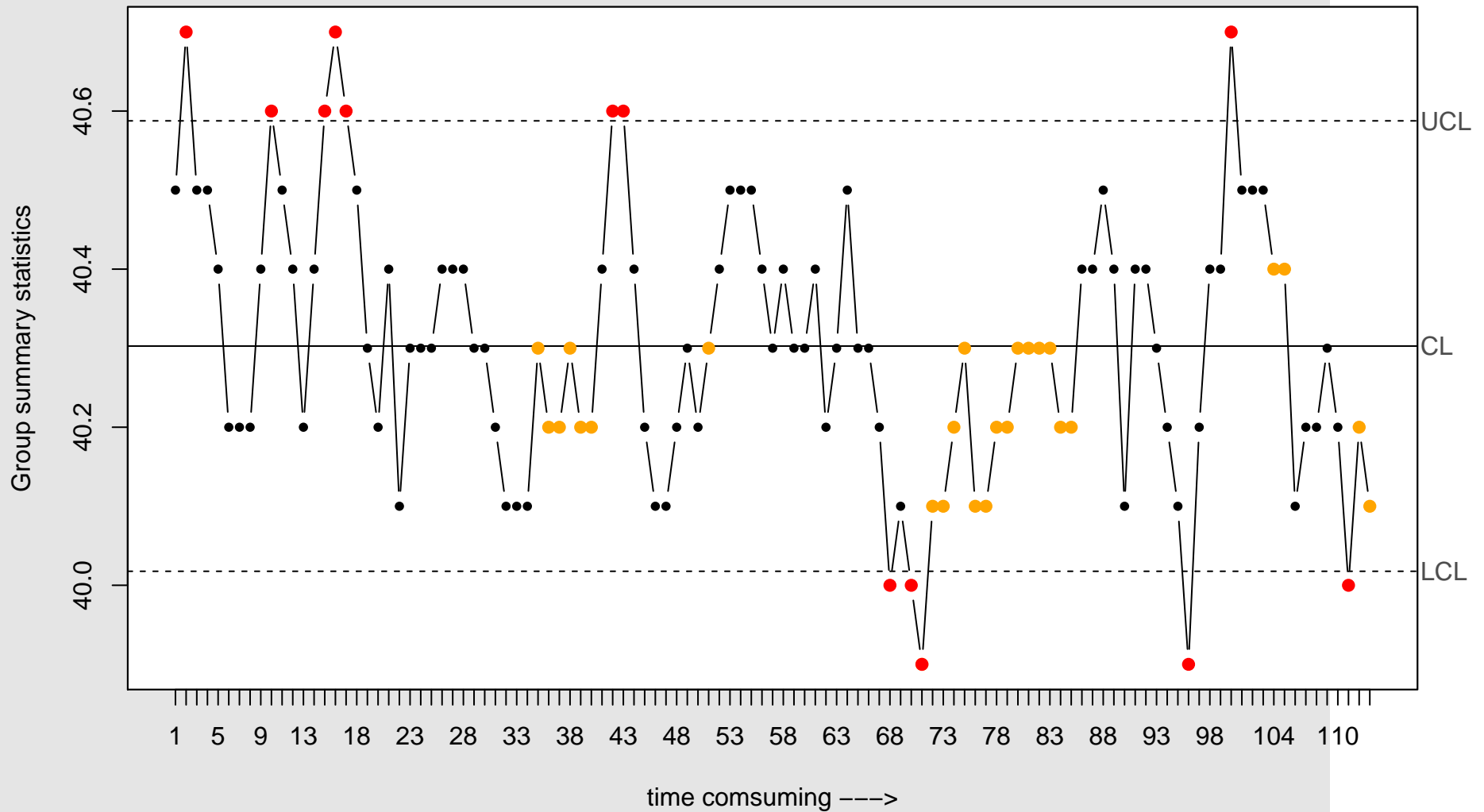


Number of groups = 113  
 Center = 40.28938  
 StdDev = 0.09973404

LCL = 39.99018  
 UCL = 40.58858

Number beyond limits = 9  
 Number violating runs = 22

# 150th column point of this product

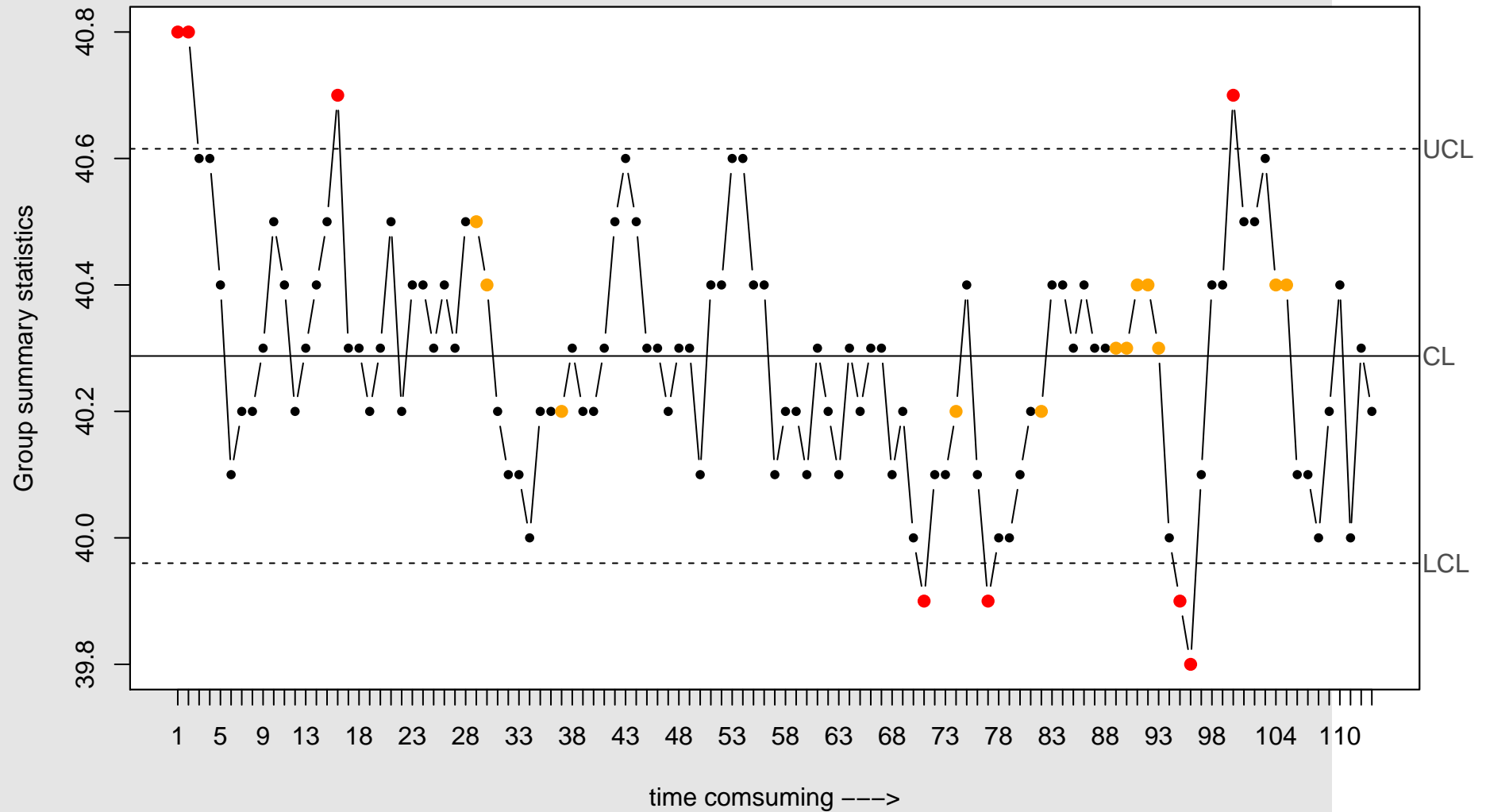


Number of groups = 113  
Center = 40.30265  
StdDev = 0.0949848

LCL = 40.0177  
UCL = 40.58761

Number beyond limits = 13  
Number violating runs = 26

# 151th column point of this product



Number of groups = 113

Center = 40.28761

StdDev = 0.1092325

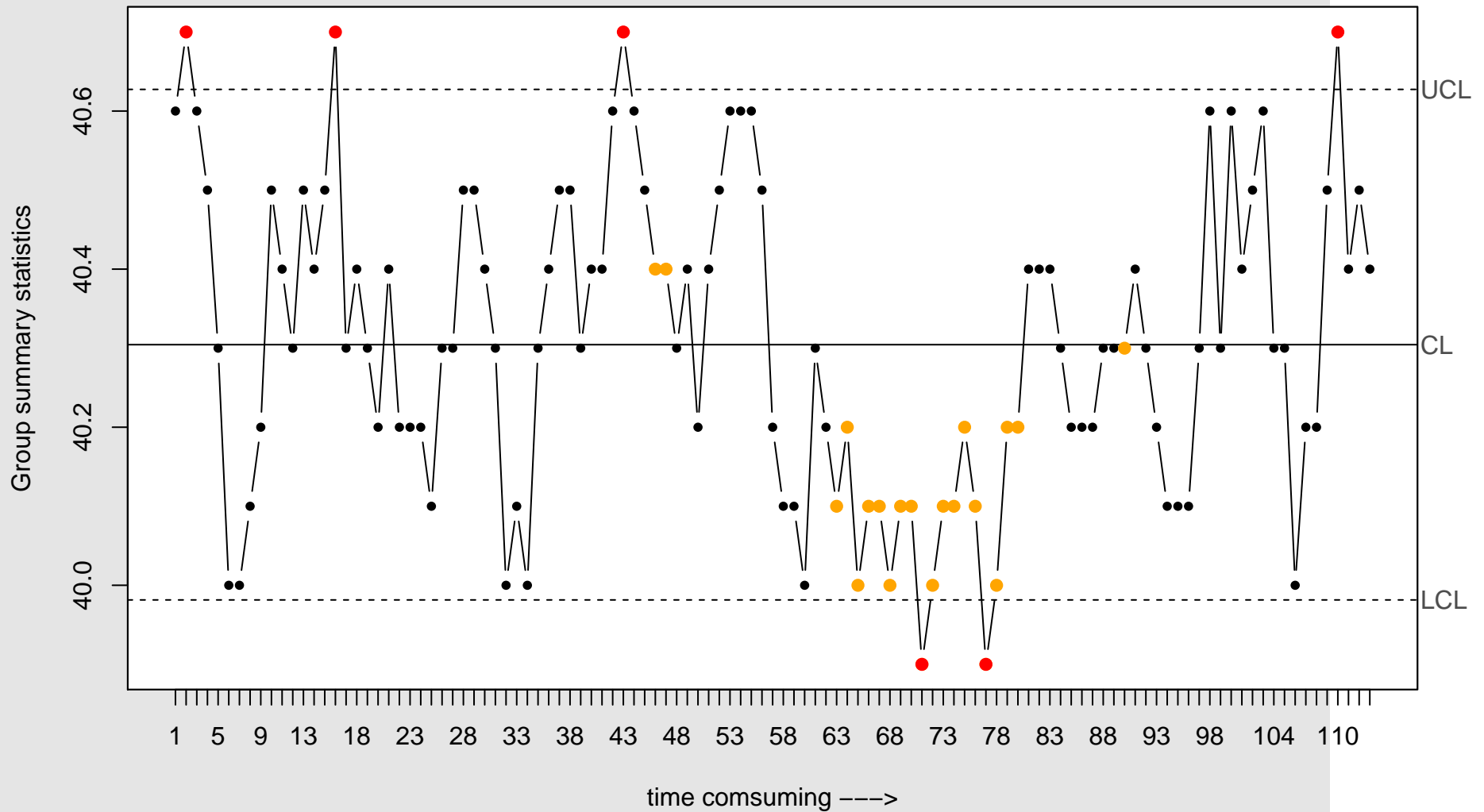
LCL = 39.95991

UCL = 40.61531

Number beyond limits = 8

Number violating runs = 12

# 152th column point of this product

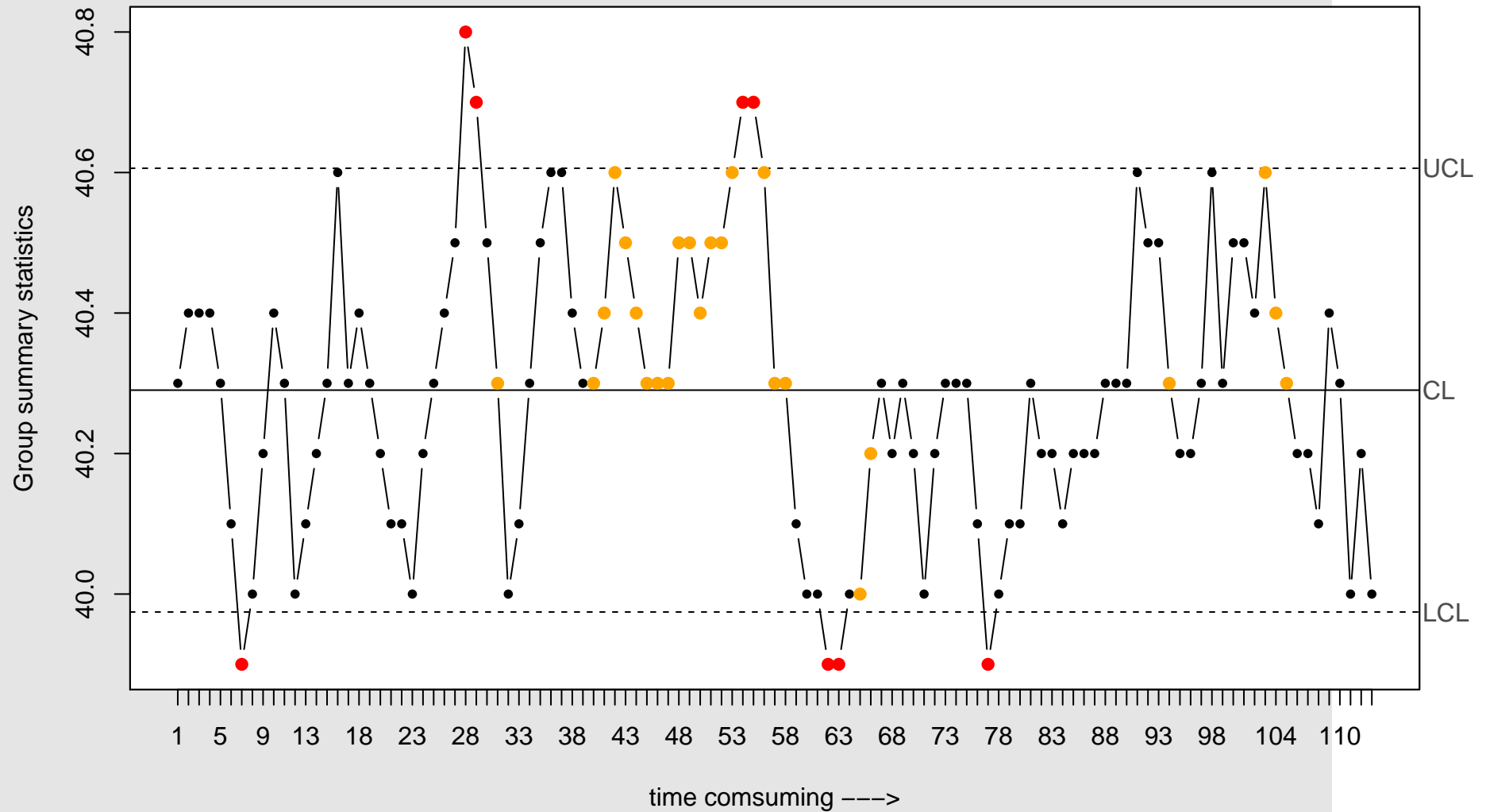


Number of groups = 113  
Center = 40.30442  
StdDev = 0.1076494

LCL = 39.98148  
UCL = 40.62737

Number beyond limits = 6  
Number violating runs = 21

# 153th column point of this product



Number of groups = 113

Center = 40.29027

StdDev = 0.1052748

LCL = 39.97444

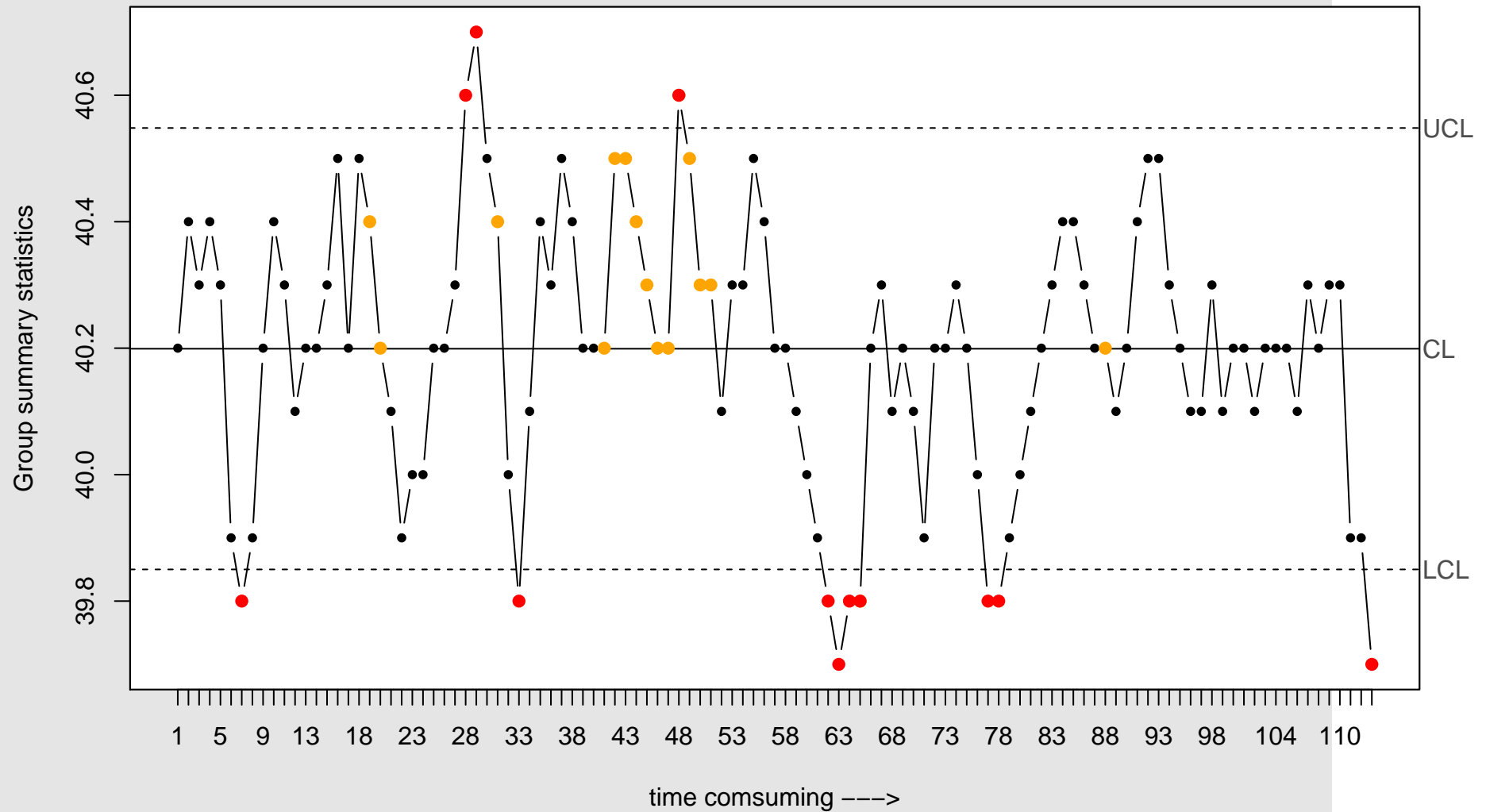
UCL = 40.60609

Number beyond limits = 8

Number violating runs = 26



# 154th column point of this product

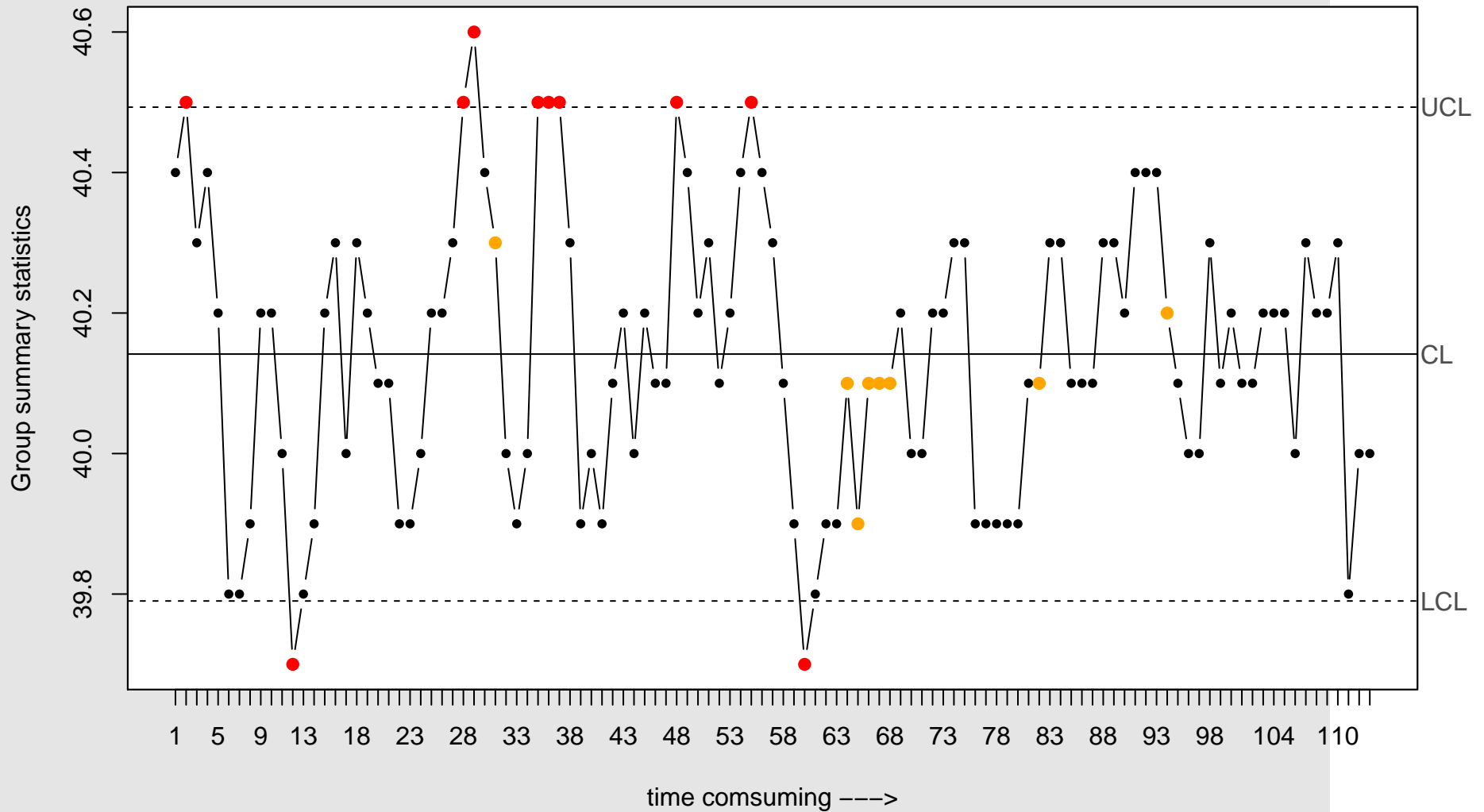


Number of groups = 113  
 Center = 40.19912  
 StdDev = 0.1163564

LCL = 39.85005  
 UCL = 40.54818

Number beyond limits = 12  
 Number violating runs = 16

# 155th column point of this product



Number of groups = 113

Center = 40.14159

StdDev = 0.1171479

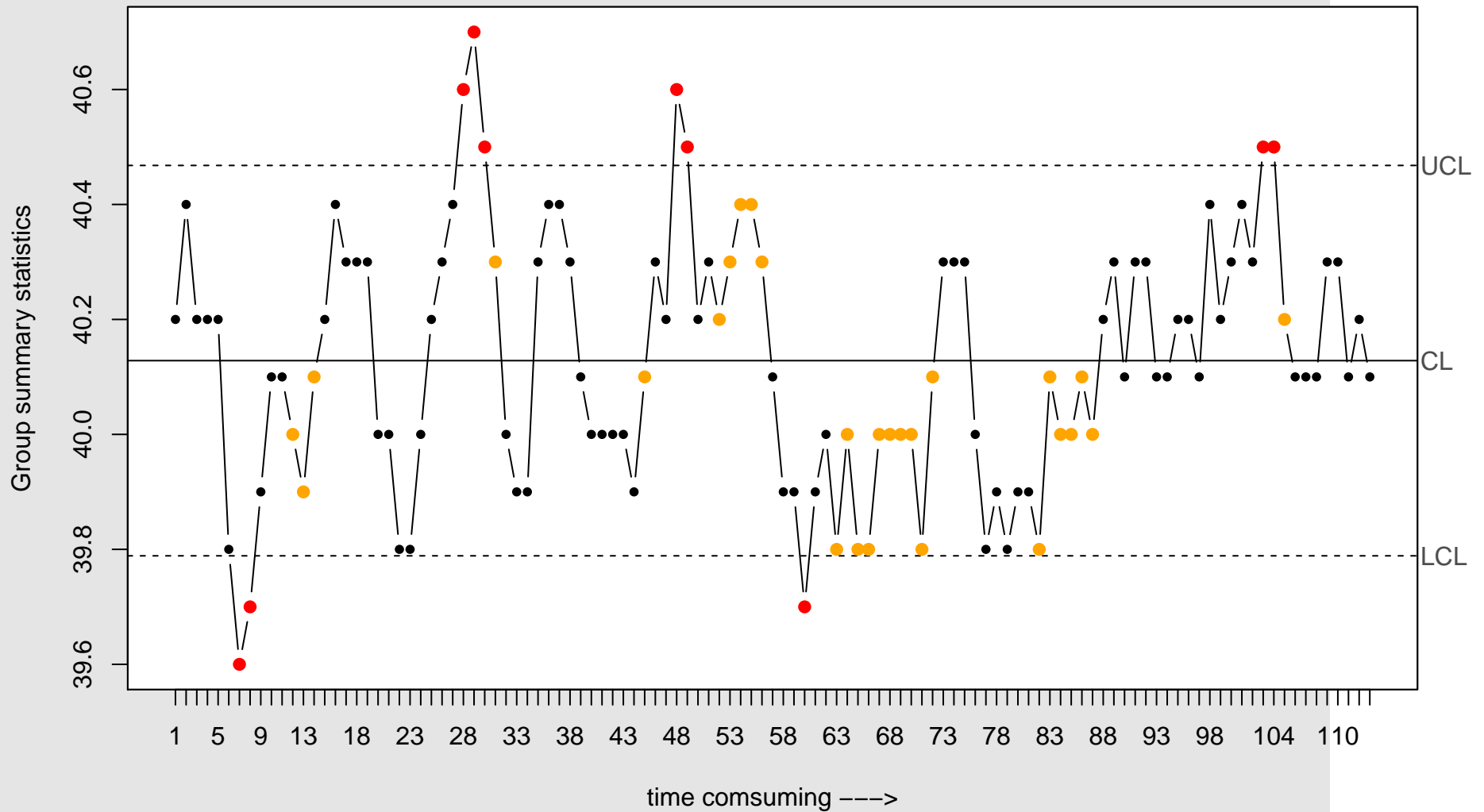
LCL = 39.79015

UCL = 40.49304

Number beyond limits = 10

Number violating runs = 8

# 156th column point of this product



Number of groups = 113

Center = 40.12832

StdDev = 0.1131902

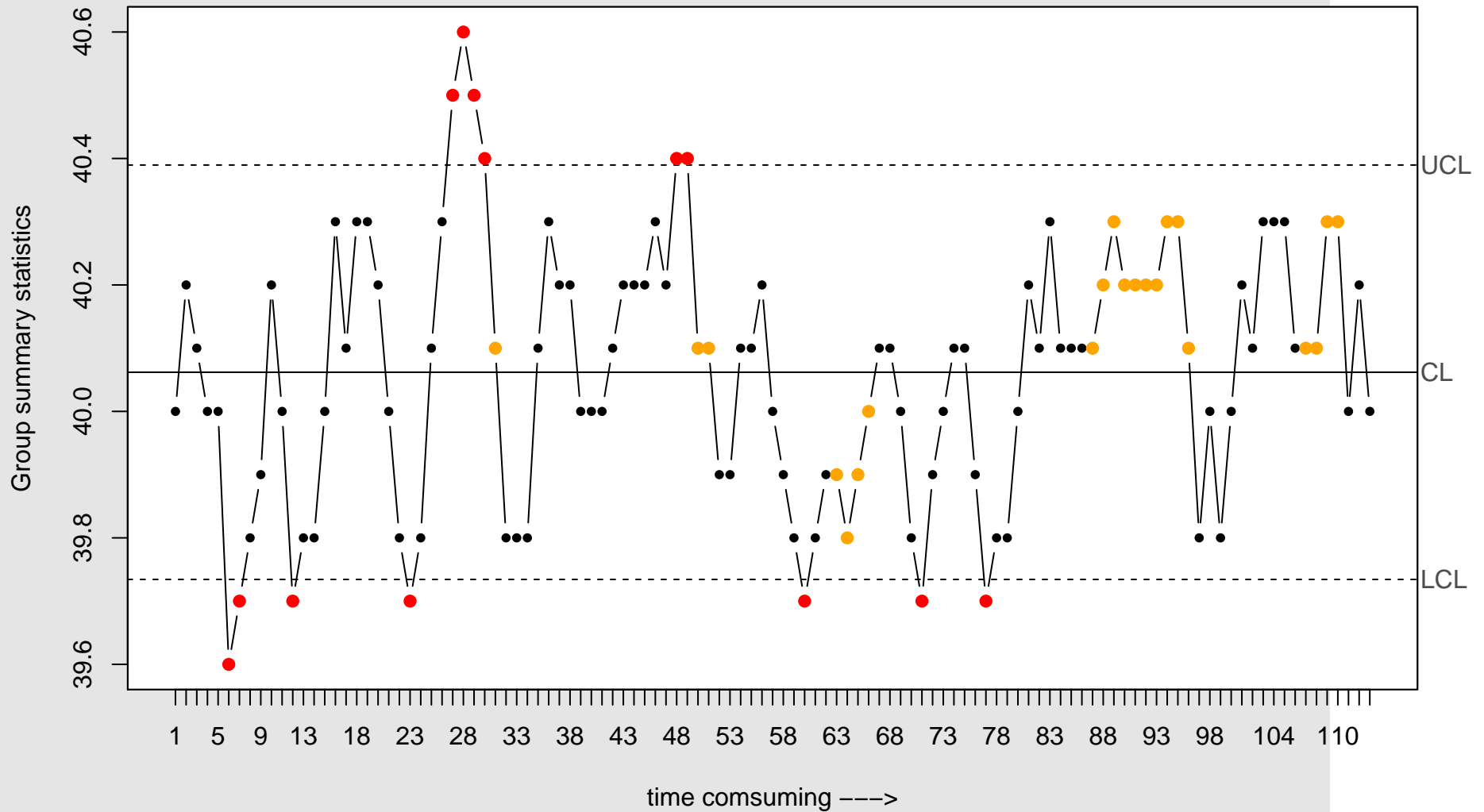
LCL = 39.78875

UCL = 40.46789

Number beyond limits = 10

Number violating runs = 28

# 157th column point of this product

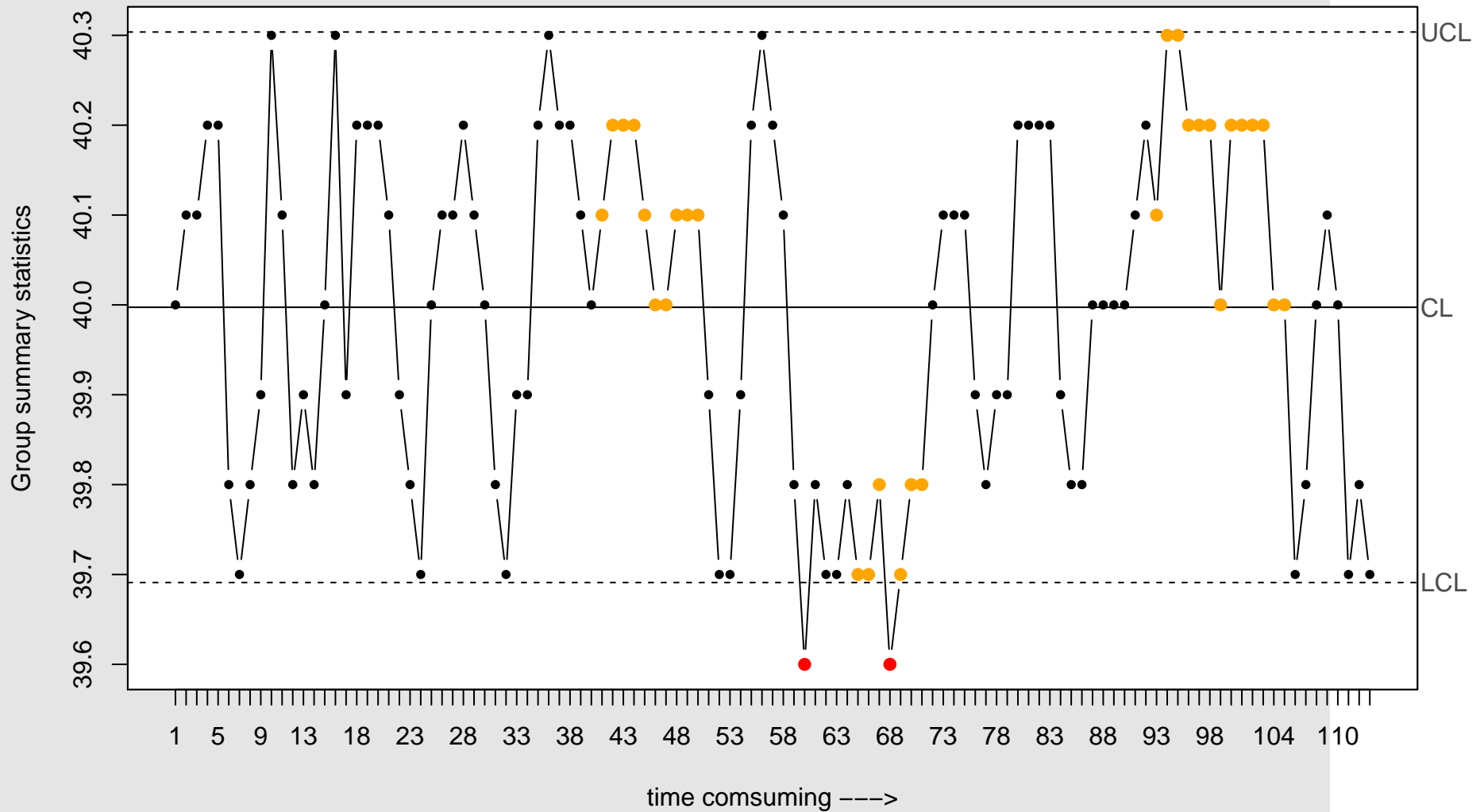


Number of groups = 113  
 Center = 40.06195  
 StdDev = 0.1092325

LCL = 39.73425  
 UCL = 40.38964

Number beyond limits = 13  
 Number violating runs = 23

# 158th column point of this product

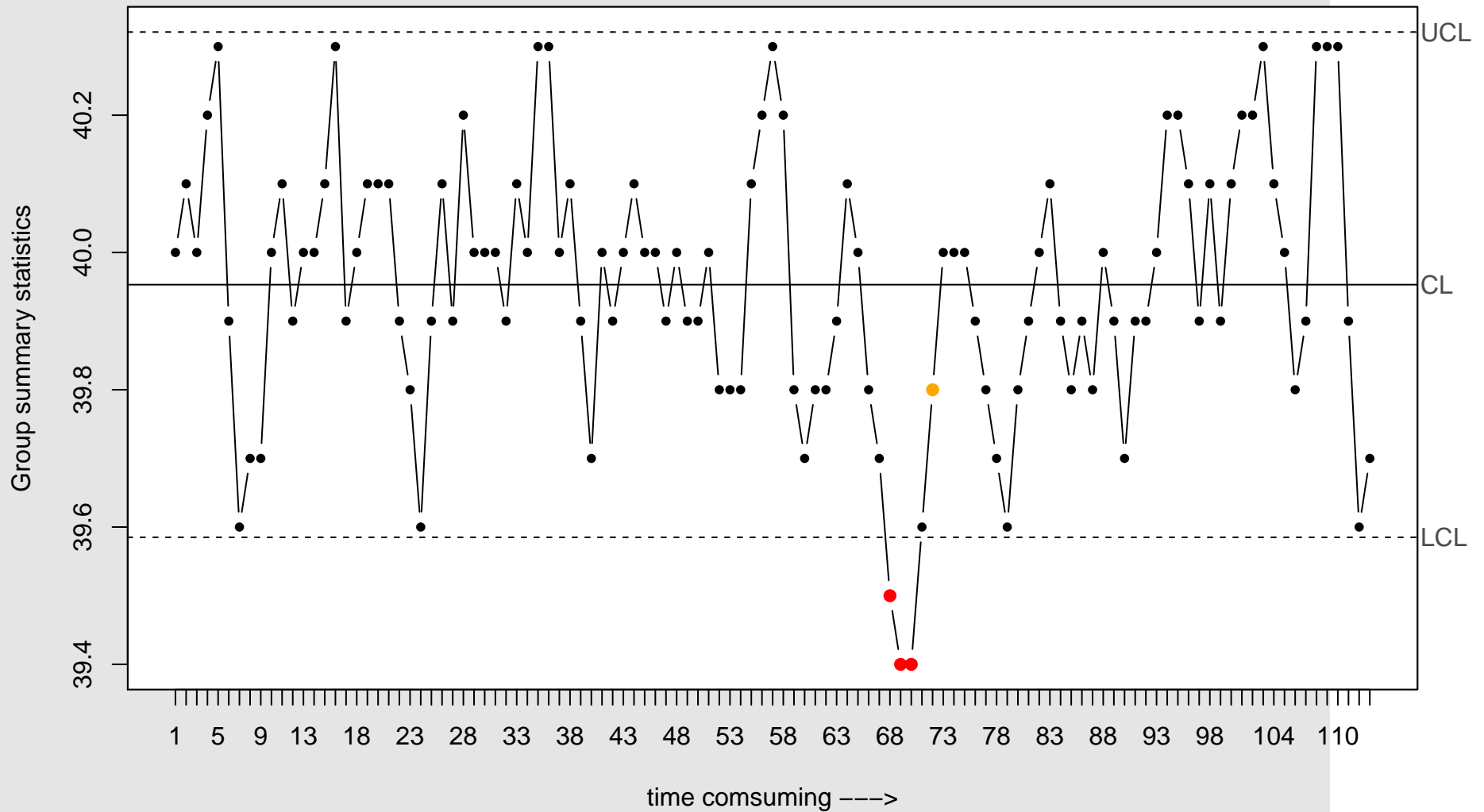


Number of groups = 113  
 Center = 39.99735  
 StdDev = 0.1021087

LCL = 39.69102  
 UCL = 40.30367

Number beyond limits = 2  
 Number violating runs = 30

# 159th column point of this product

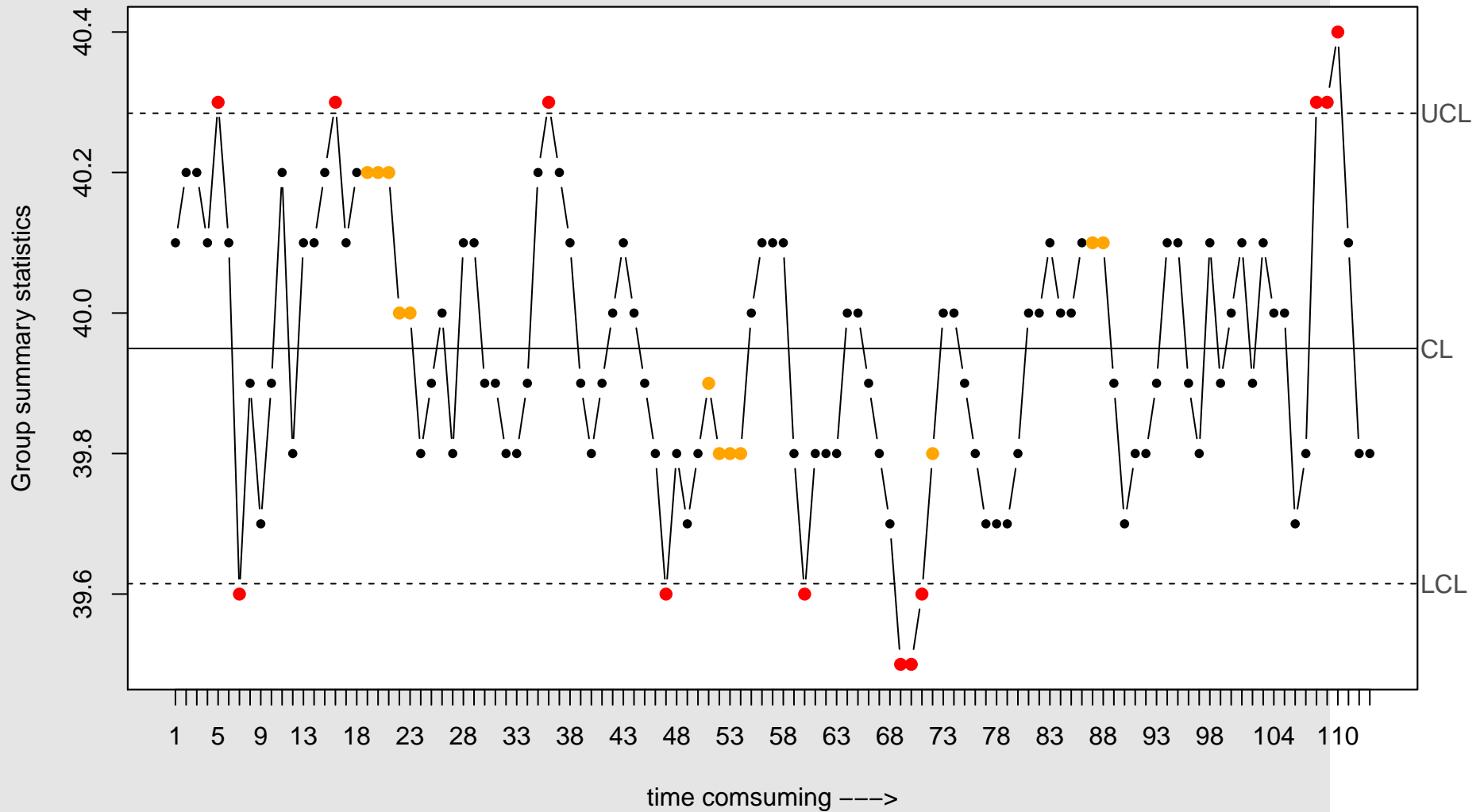


Number of groups = 113  
 Center = 39.9531  
 StdDev = 0.1226887

LCL = 39.58503  
 UCL = 40.32116

Number beyond limits = 3  
 Number violating runs = 1

# 160th column point of this product



Number of groups = 113

Center = 39.94956

StdDev = 0.1116071

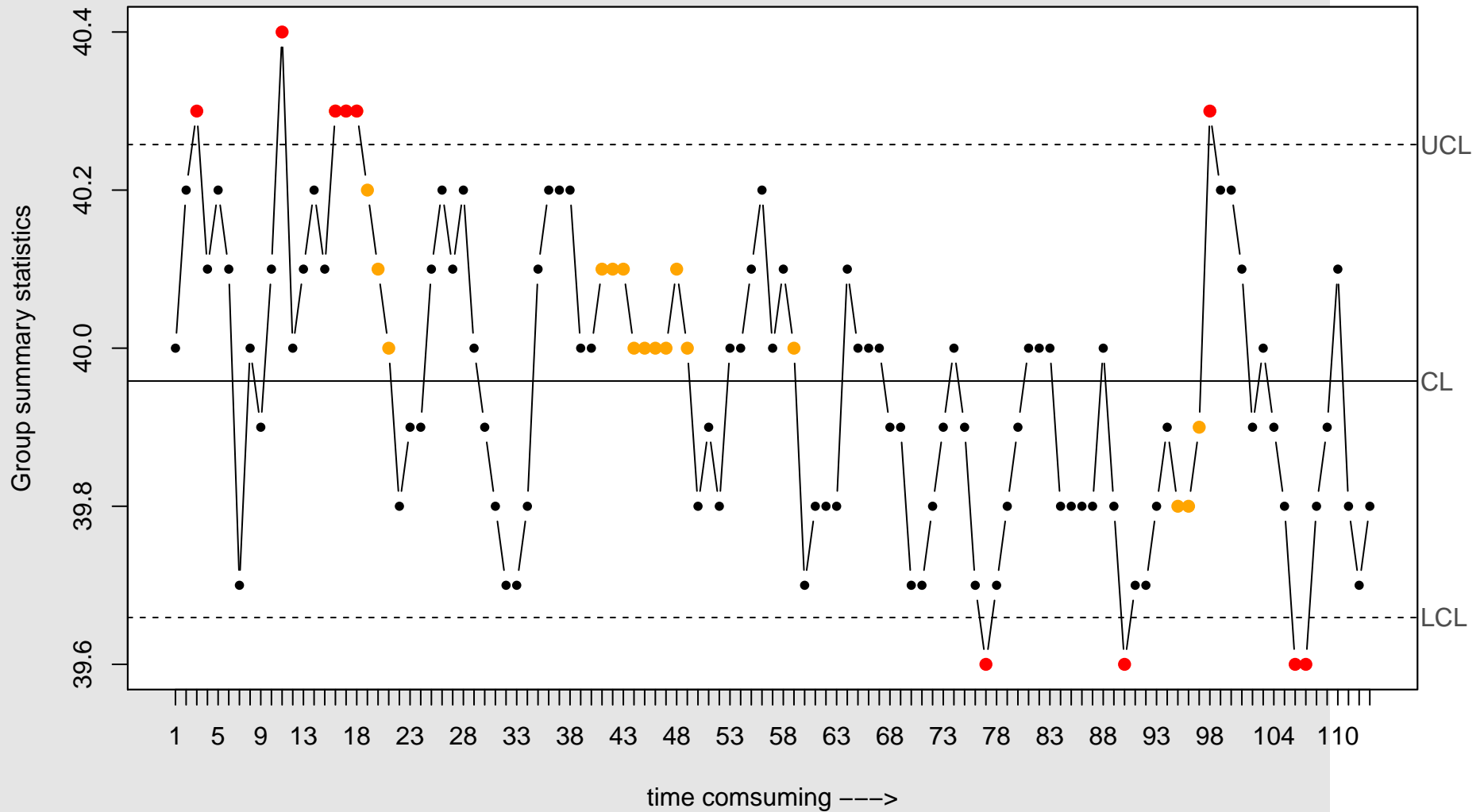
LCL = 39.61474

UCL = 40.28438

Number beyond limits = 12

Number violating runs = 12

# 161th column point of this product



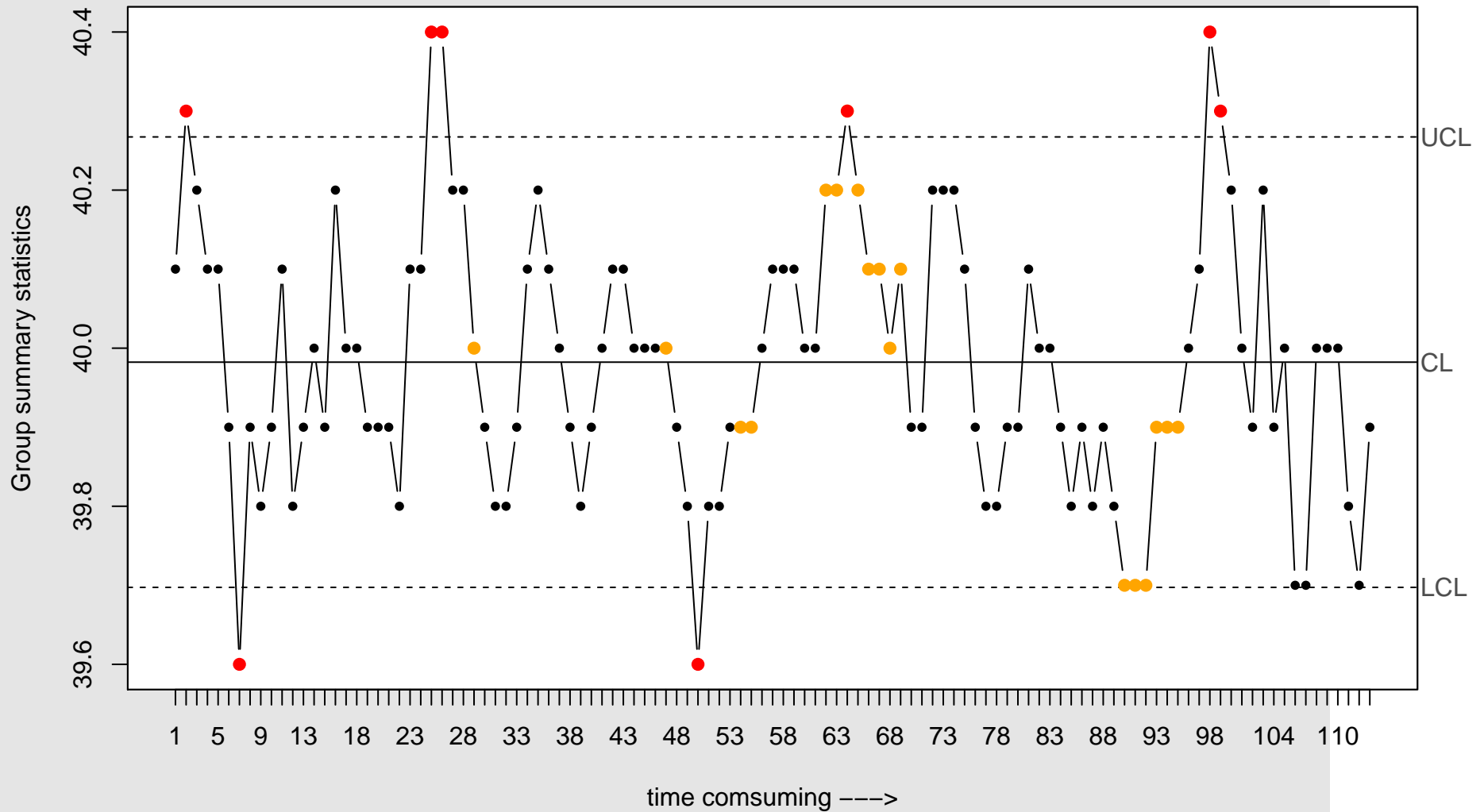
Number of groups = 113  
 Center = 39.95841  
 StdDev = 0.09973404

LCL = 39.6592  
 UCL = 40.25761

Number beyond limits = 10  
 Number violating runs = 19



# 162th column point of this product

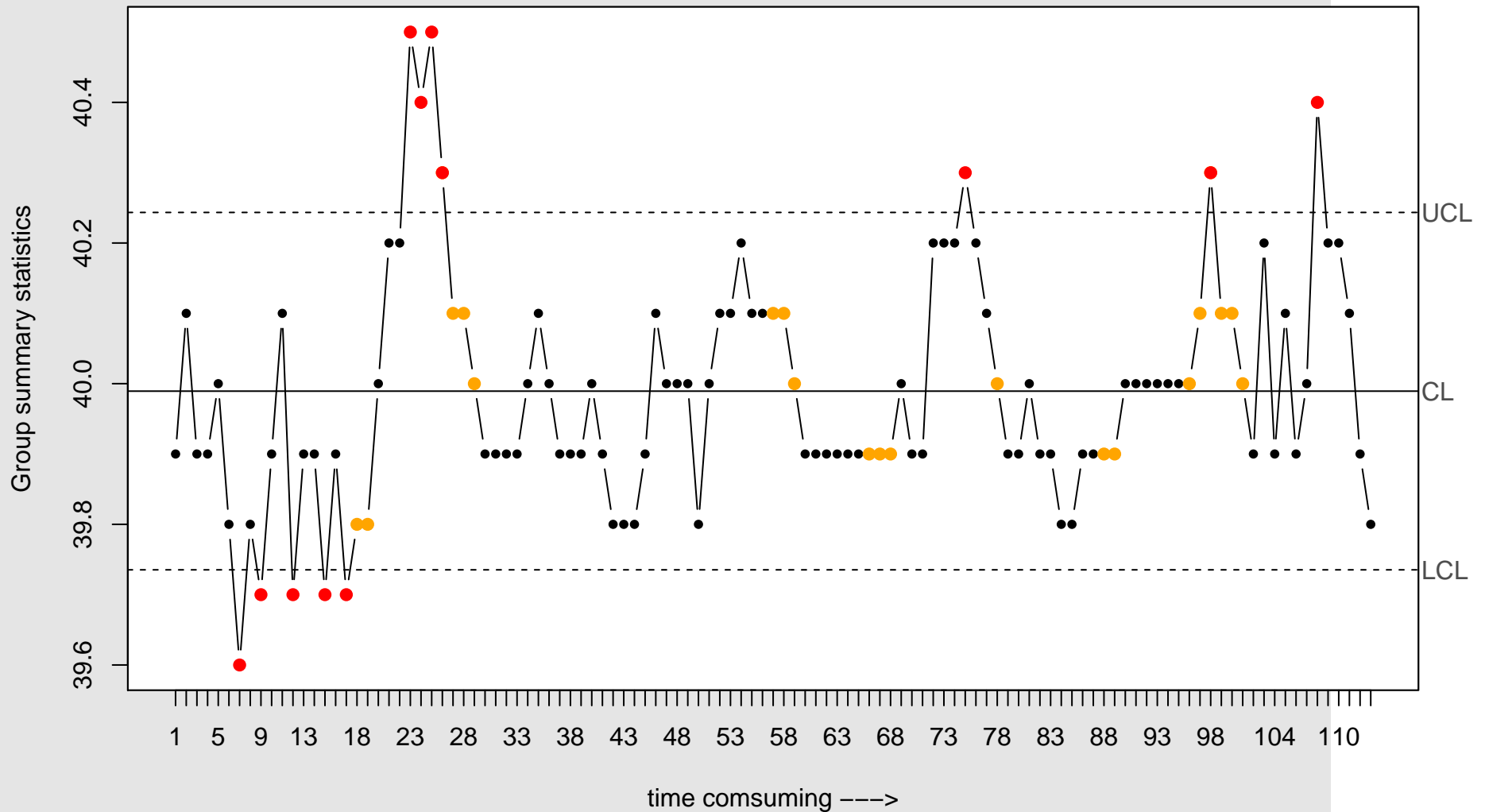


Number of groups = 113  
 Center = 39.9823  
 StdDev = 0.0949848

LCL = 39.69735  
 UCL = 40.26726

Number beyond limits = 8  
 Number violating runs = 18

# 163th column point of this product

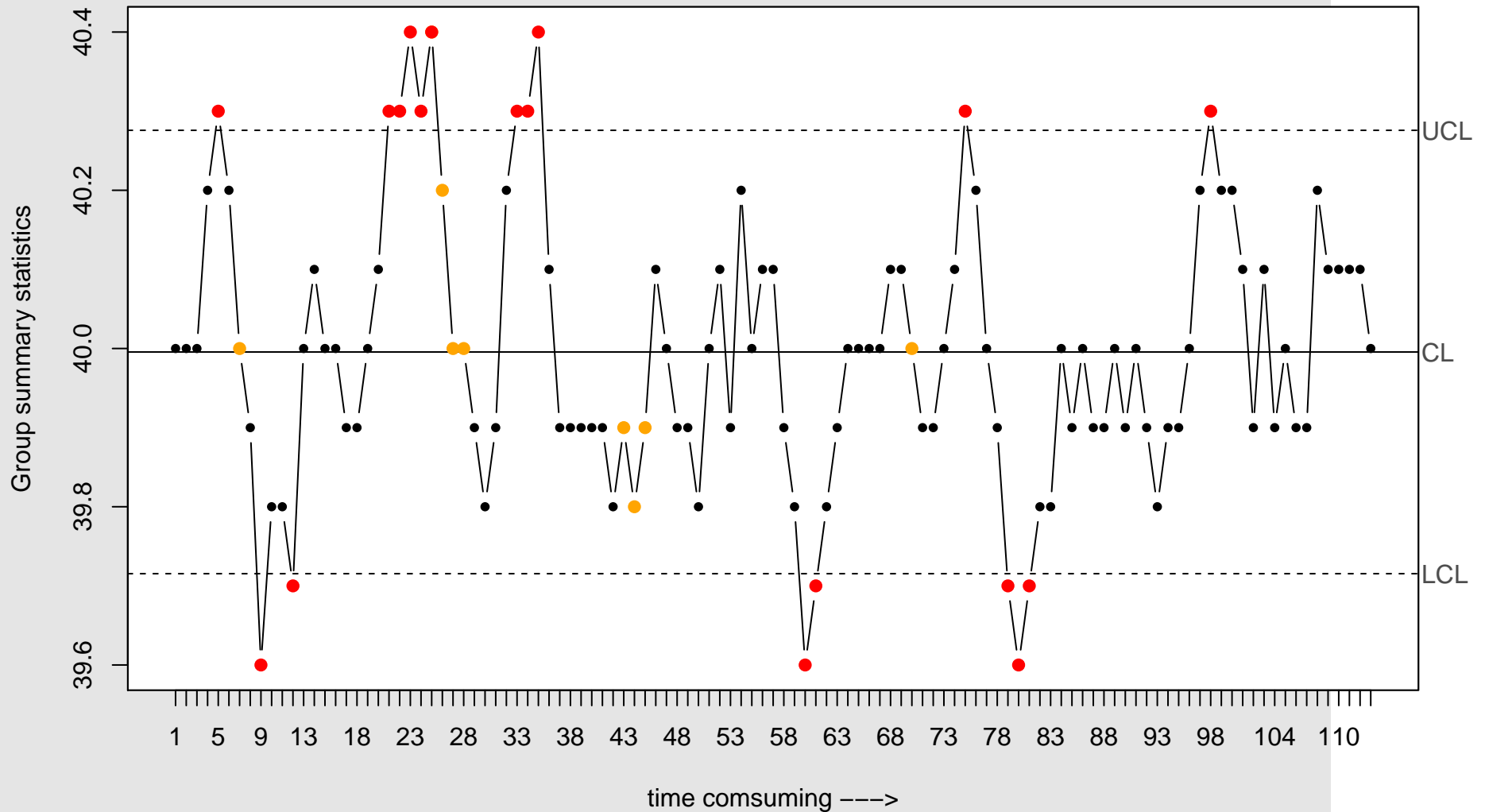


Number of groups = 113  
 Center = 39.98938  
 StdDev = 0.08469478

LCL = 39.7353  
 UCL = 40.24346

Number beyond limits = 12  
 Number violating runs = 21

# 164th column point of this product

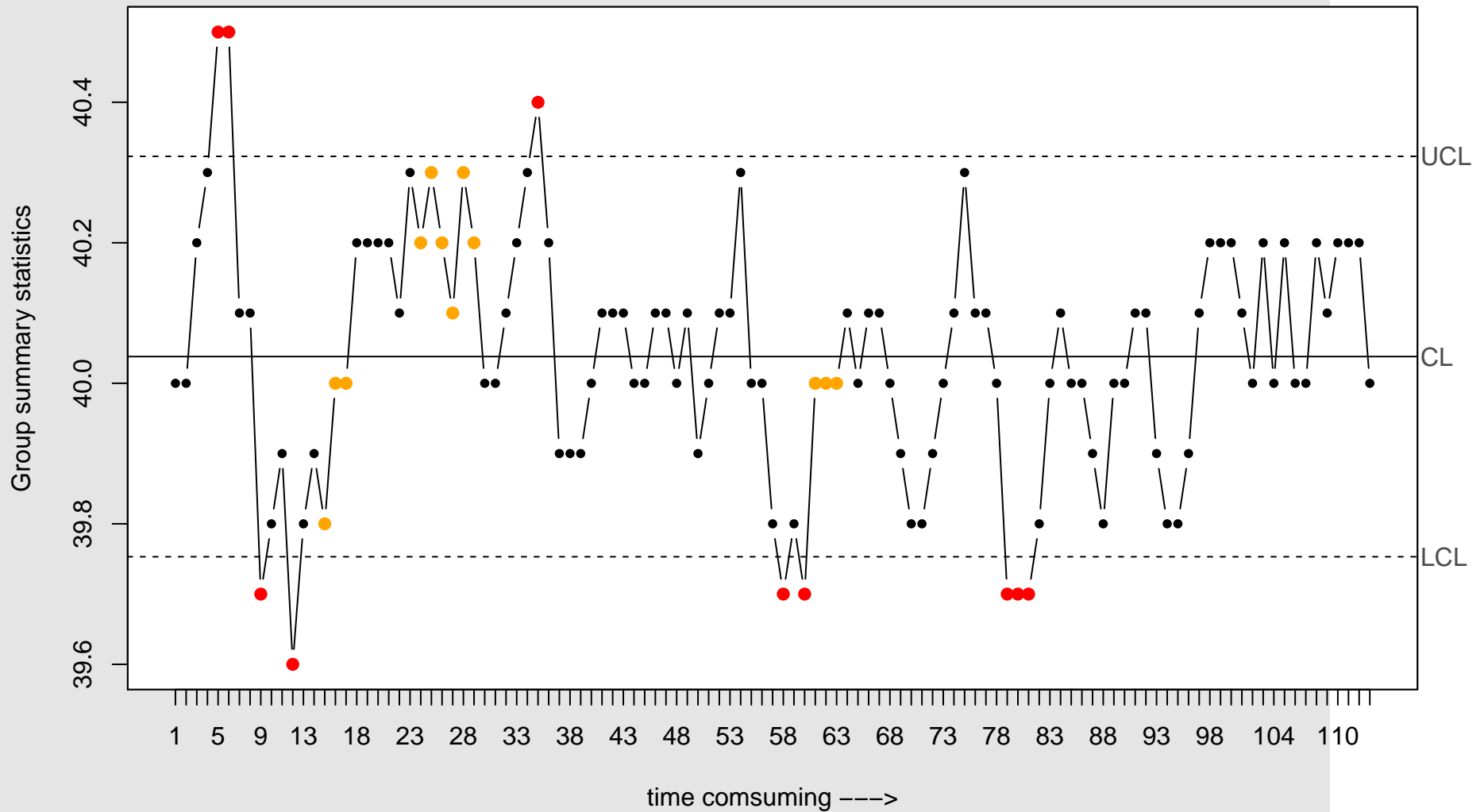


Number of groups = 113  
Center = 39.99558  
StdDev = 0.09340172

LCL = 39.71537  
UCL = 40.27578

Number beyond limits = 18  
Number violating runs = 9

# 165th column point of this product

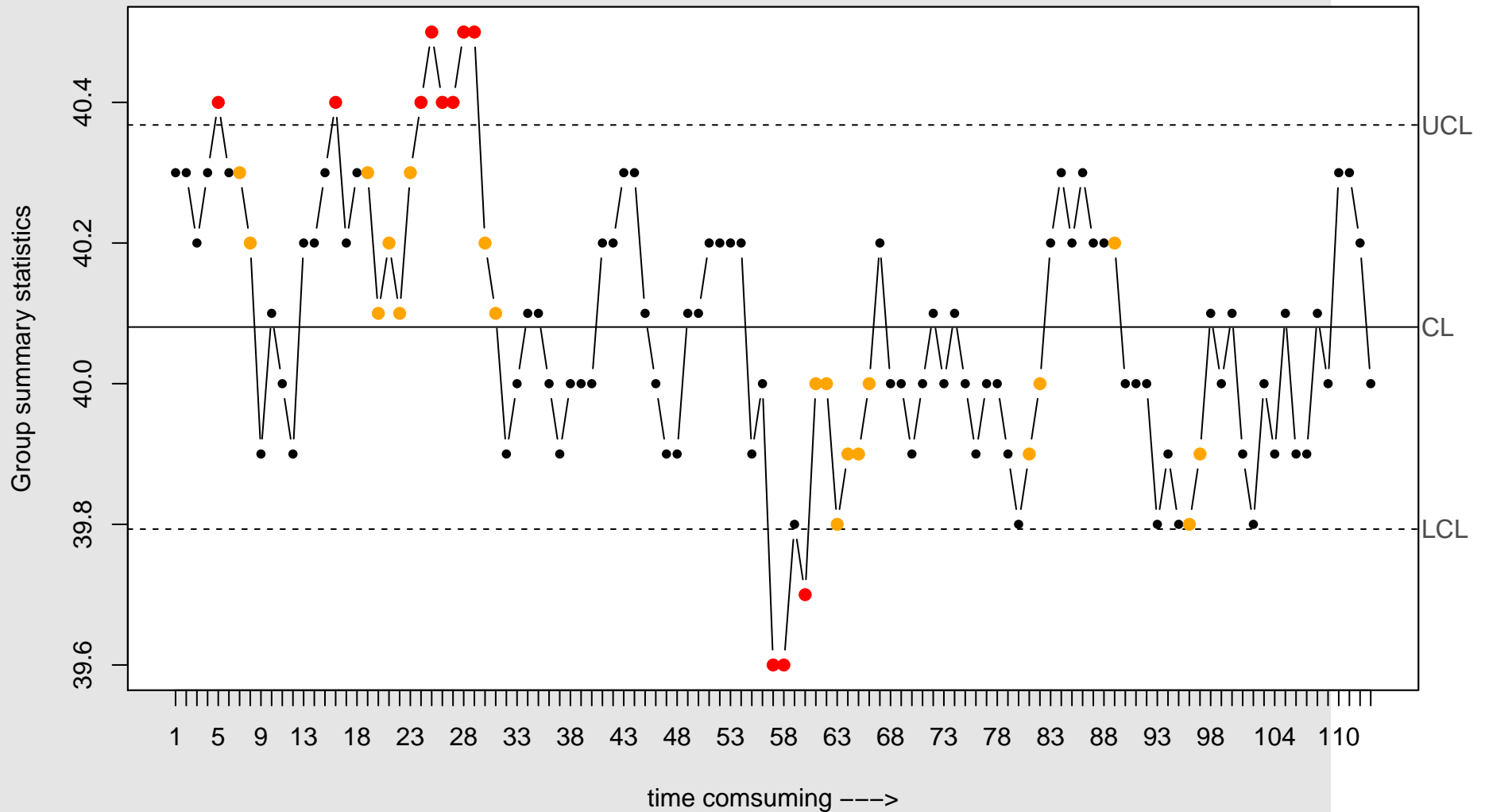


Number of groups = 113  
 Center = 40.03805  
 StdDev = 0.0949848

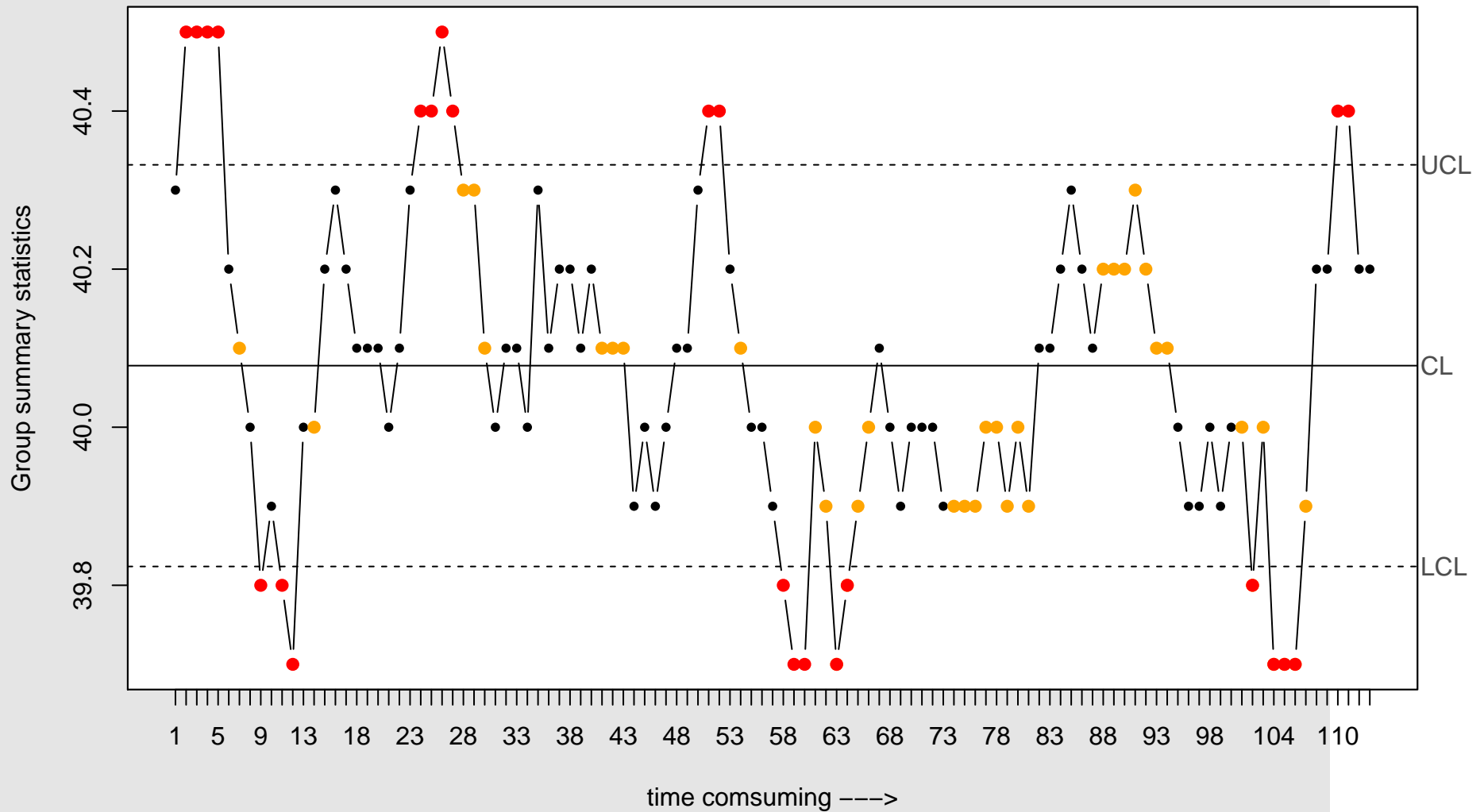
LCL = 39.7531  
 UCL = 40.32301

Number beyond limits = 10  
 Number violating runs = 12

# 166th column point of this product



# 167th column point of this product

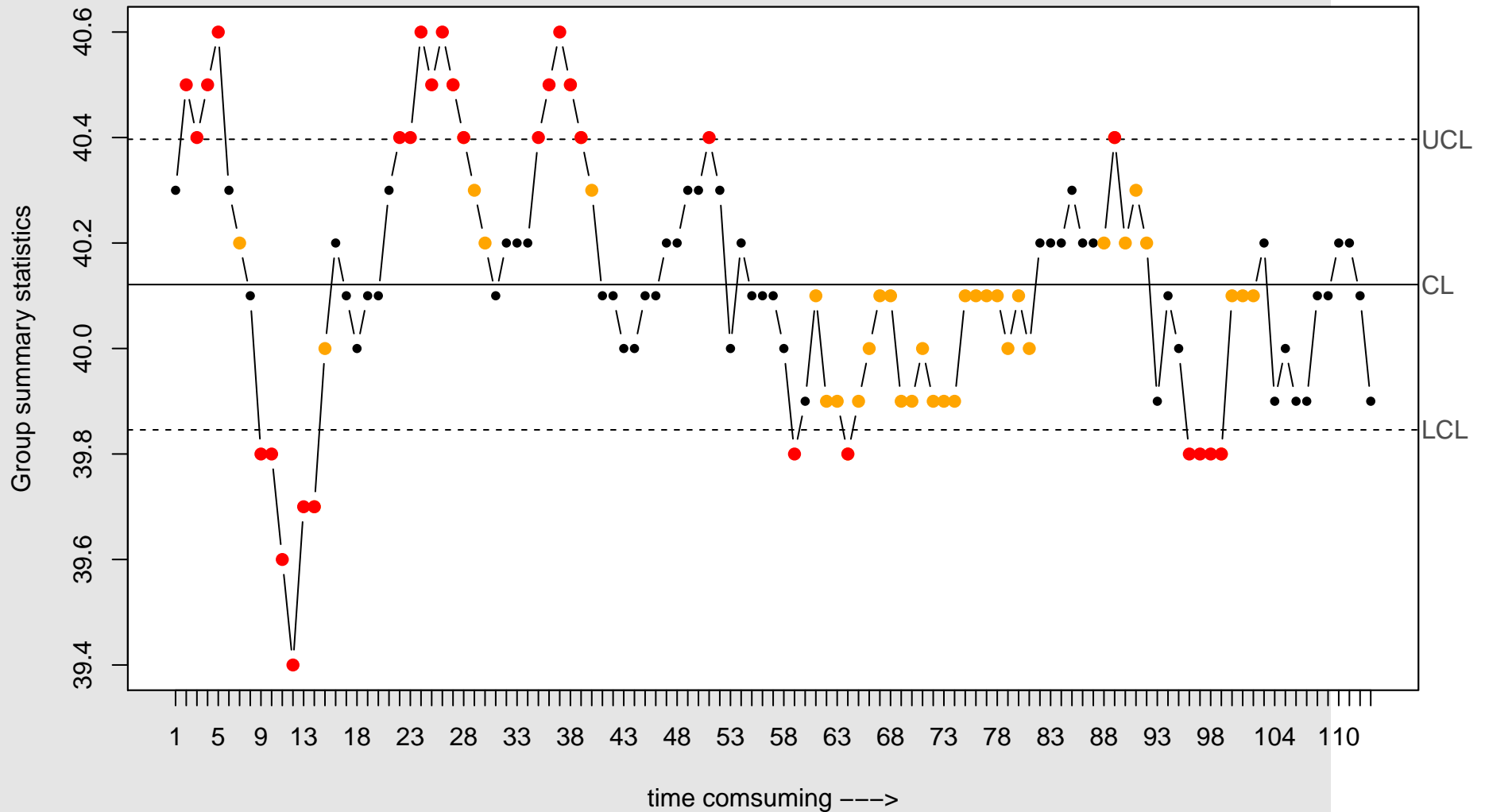


Number of groups = 113  
 Center = 40.07788  
 StdDev = 0.08469478

LCL = 39.82379  
 UCL = 40.33196

Number beyond limits = 24  
 Number violating runs = 37

# 168th column point of this product

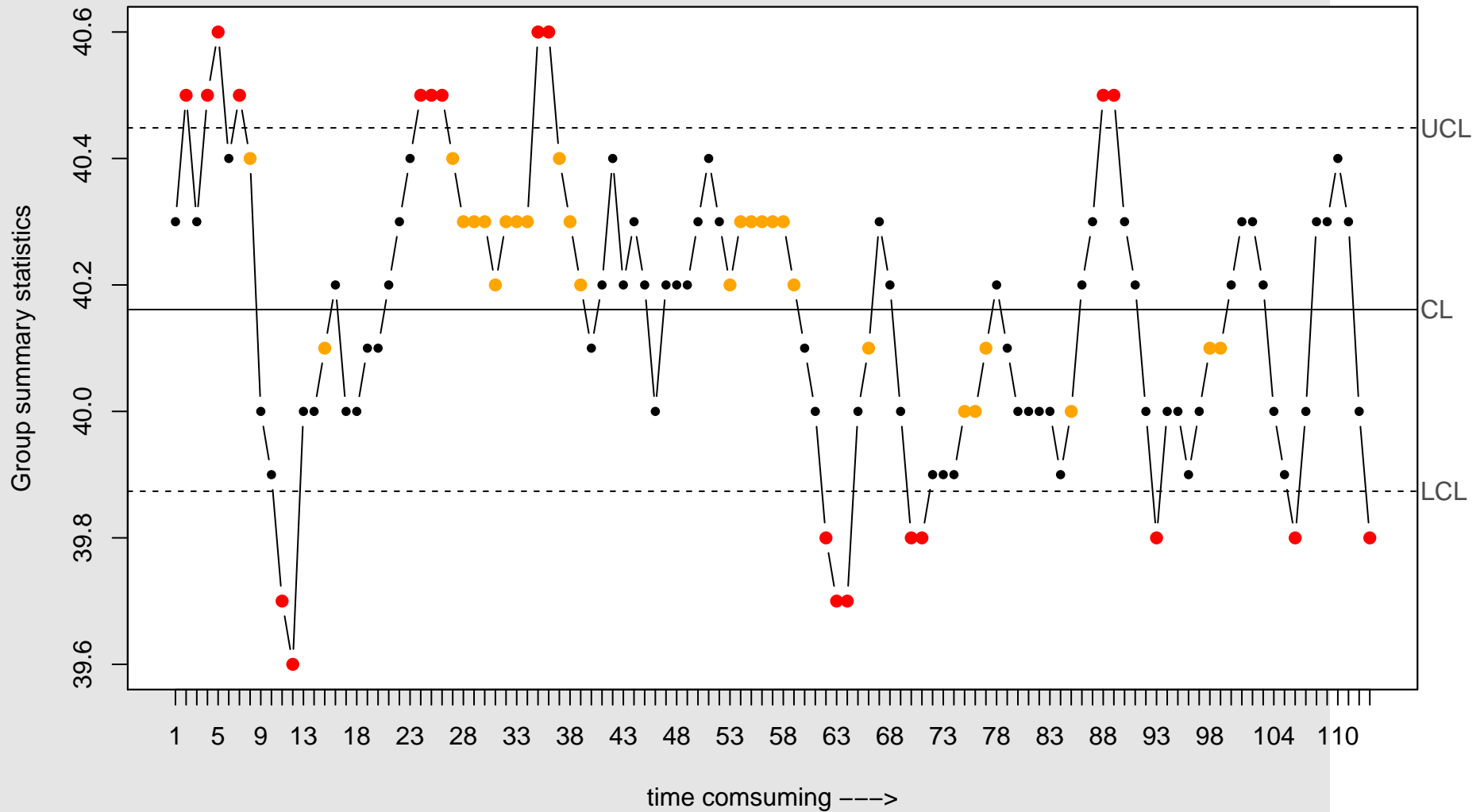


Number of groups = 113  
 Center = 40.12124  
 StdDev = 0.09181864

LCL = 39.84578  
 UCL = 40.39669

Number beyond limits = 30  
 Number violating runs = 40

# 169th column point of this product



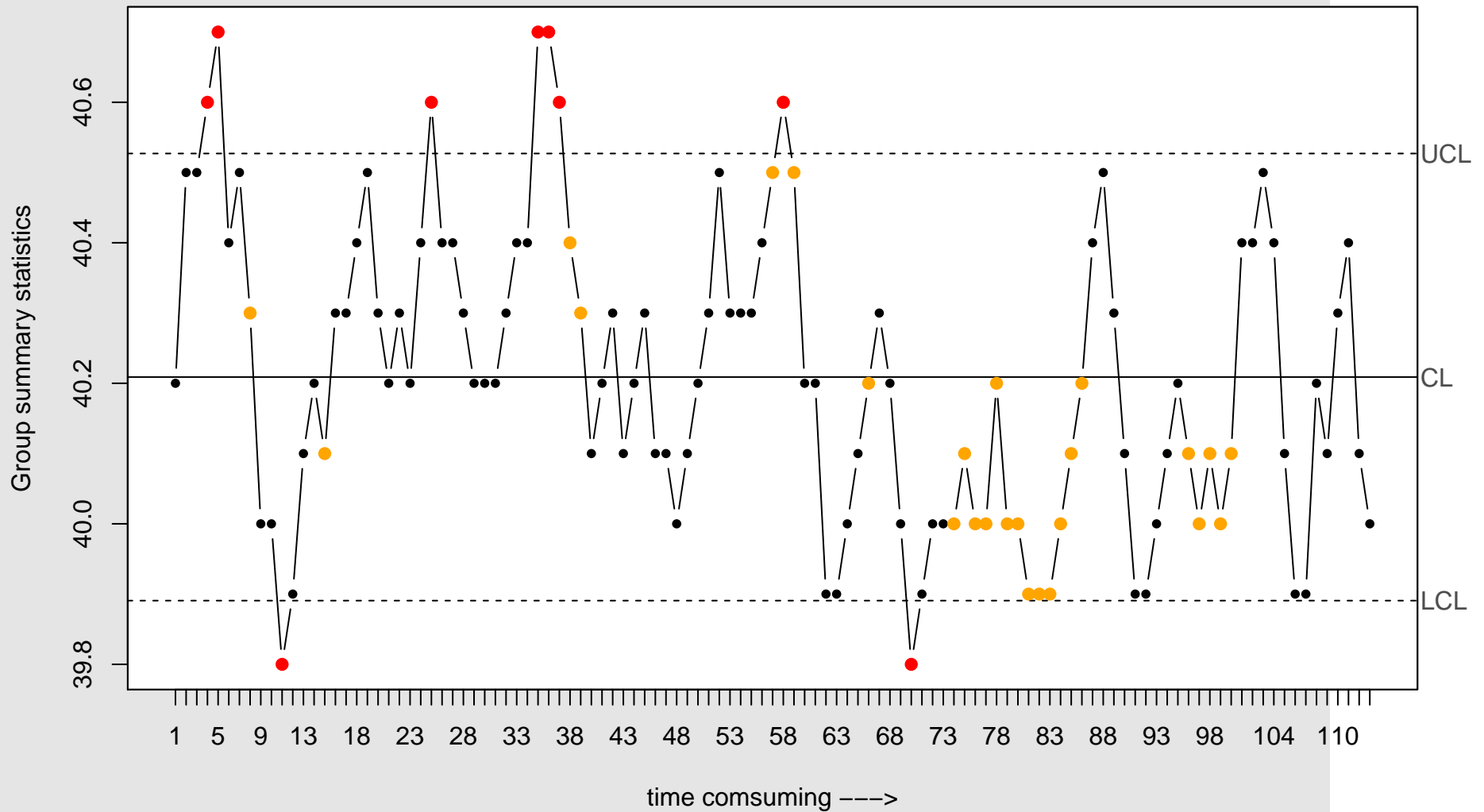
Number of groups = 113  
 Center = 40.16106  
 StdDev = 0.09577634

LCL = 39.87373  
 UCL = 40.44839

Number beyond limits = 21  
 Number violating runs = 30



# 170th column point of this product

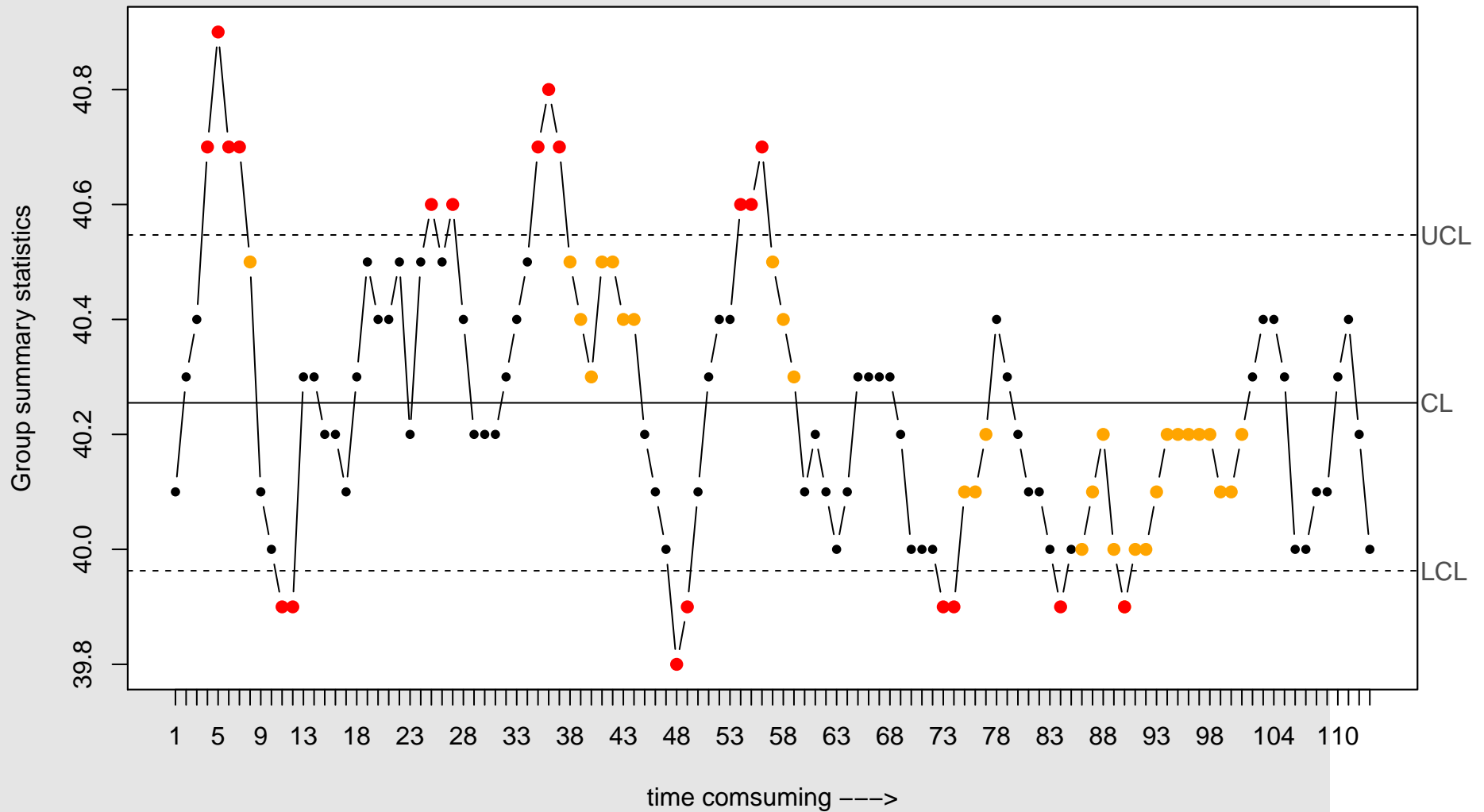


Number of groups = 113  
 Center = 40.20885  
 StdDev = 0.1060664

LCL = 39.89065  
 UCL = 40.52705

Number beyond limits = 9  
 Number violating runs = 26

# 171th column point of this product

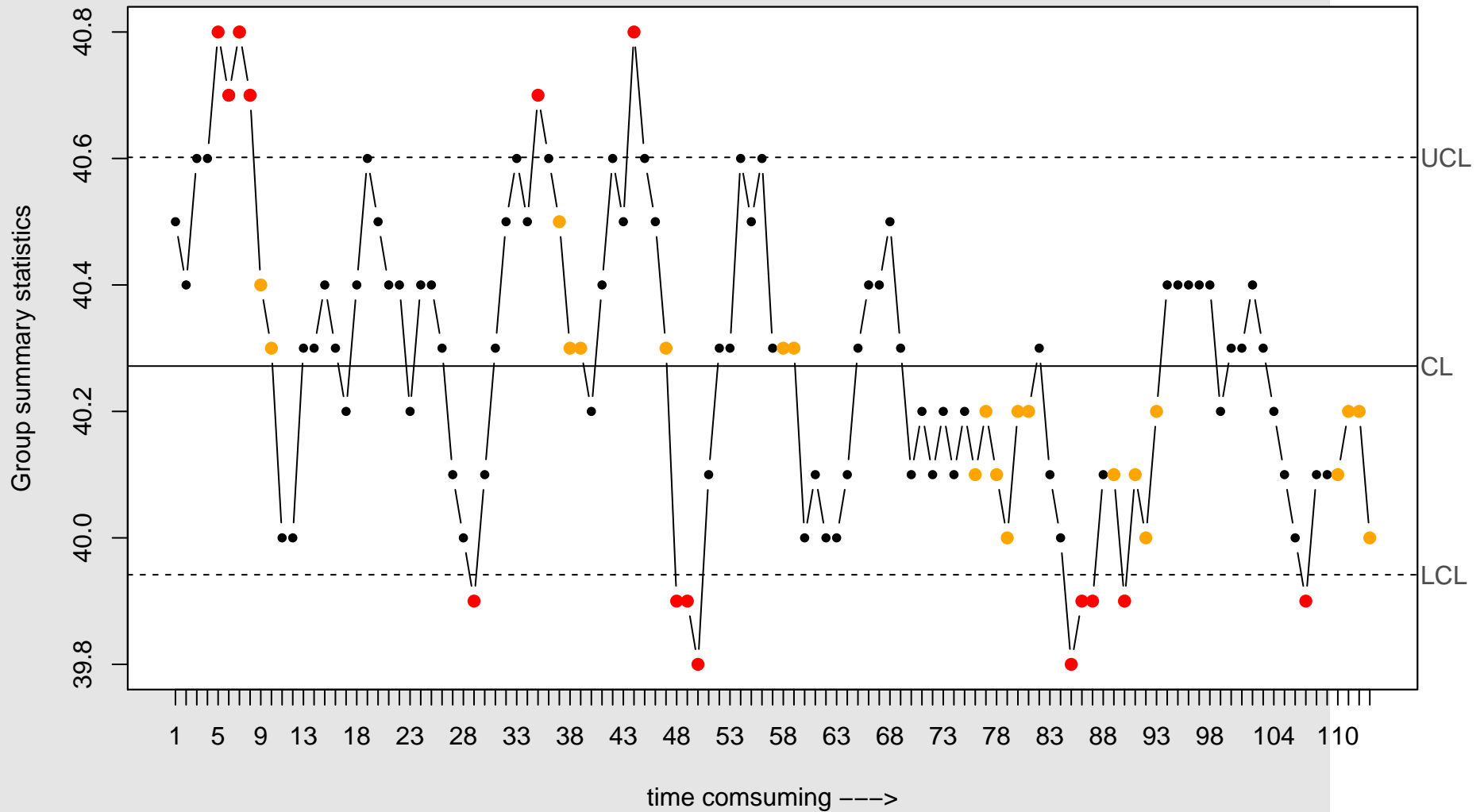


Number of groups = 113  
 Center = 40.25487  
 StdDev = 0.09735942

LCL = 39.96279  
 UCL = 40.54695

Number beyond limits = 20  
 Number violating runs = 30

# 172th column point of this product



Number of groups = 113

Center = 40.27168

StdDev = 0.1100241

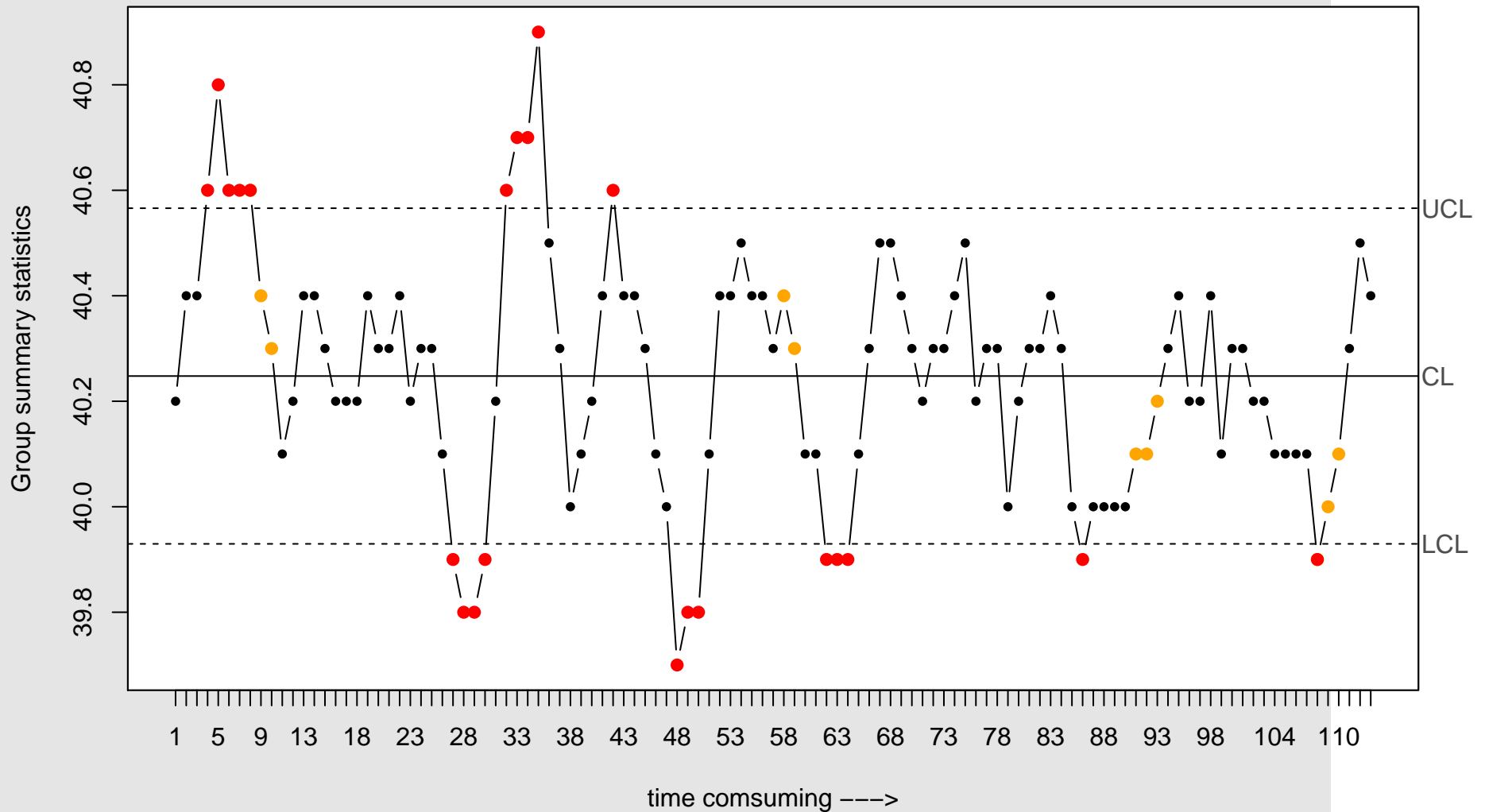
LCL = 39.94161

UCL = 40.60175

Number beyond limits = 15

Number violating runs = 25

# 173th column point of this product



Number of groups = 113

Center = 40.24779

StdDev = 0.1060664

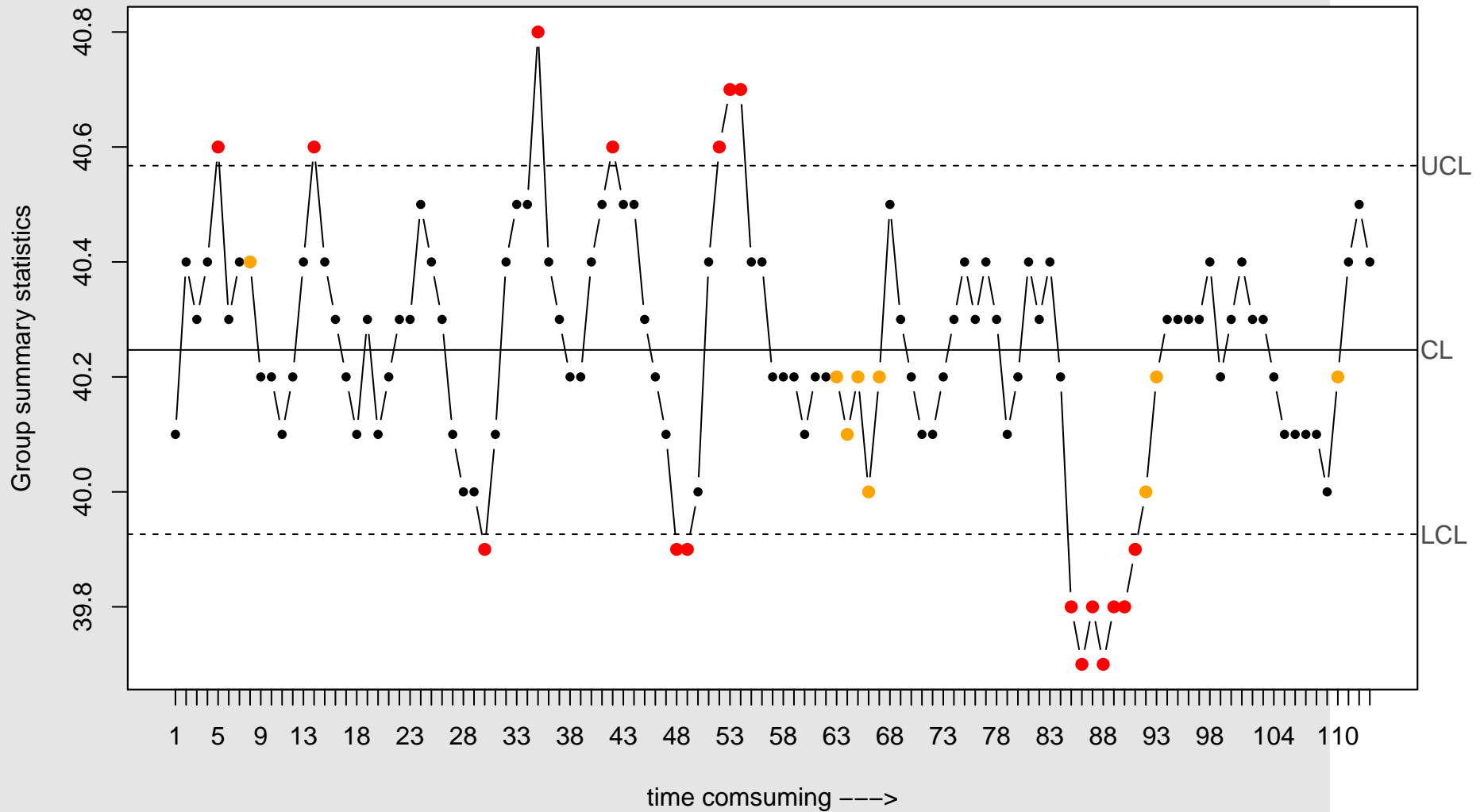
LCL = 39.92959

UCL = 40.56599

Number beyond limits = 22

Number violating runs = 11

# 174th column point of this product

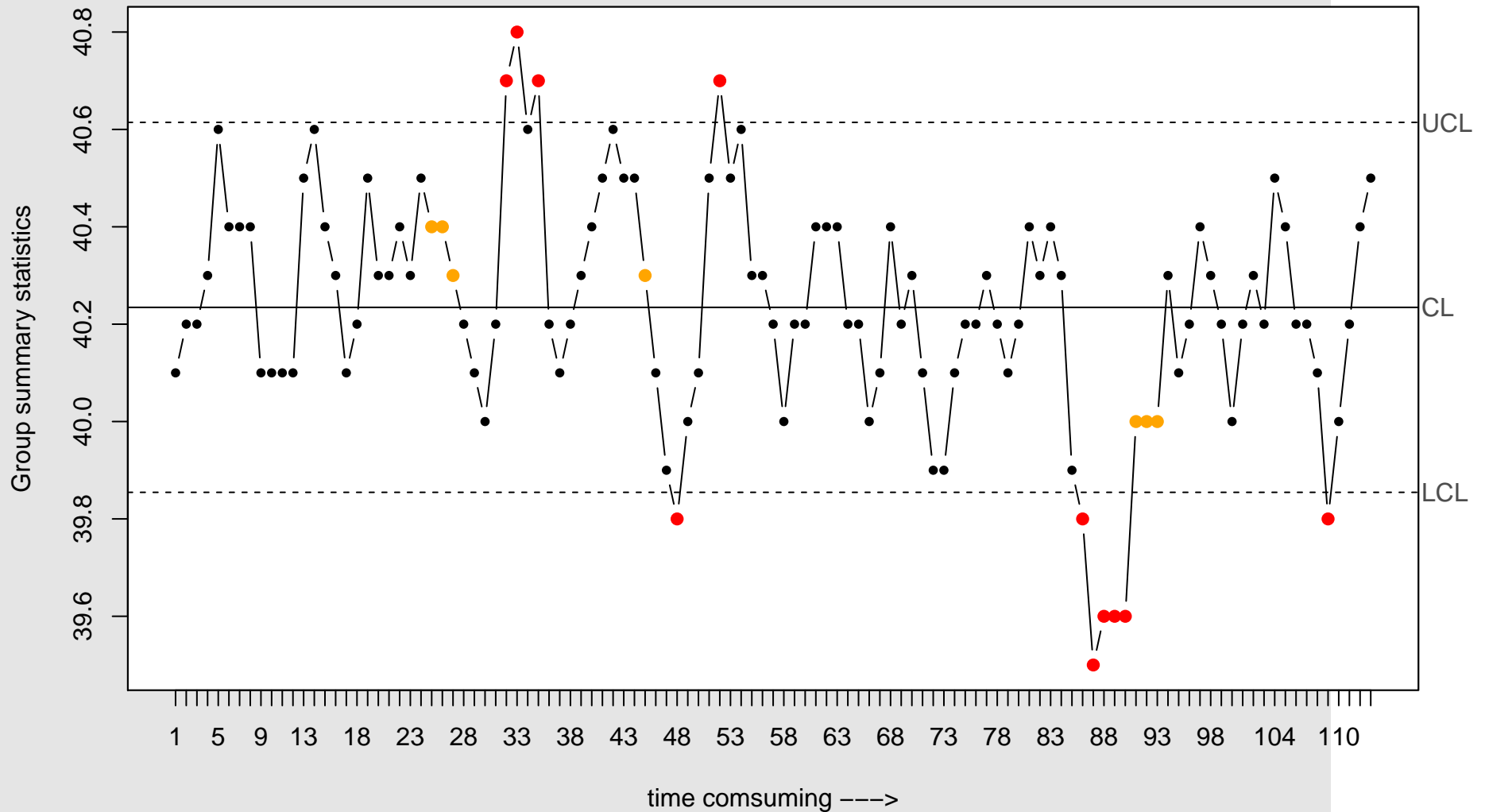


Number of groups = 113  
 Center = 40.2469  
 StdDev = 0.1068579

LCL = 39.92633  
 UCL = 40.56748

Number beyond limits = 17  
 Number violating runs = 11

# 175th column point of this product



Number of groups = 113

Center = 40.23451

StdDev = 0.1266464

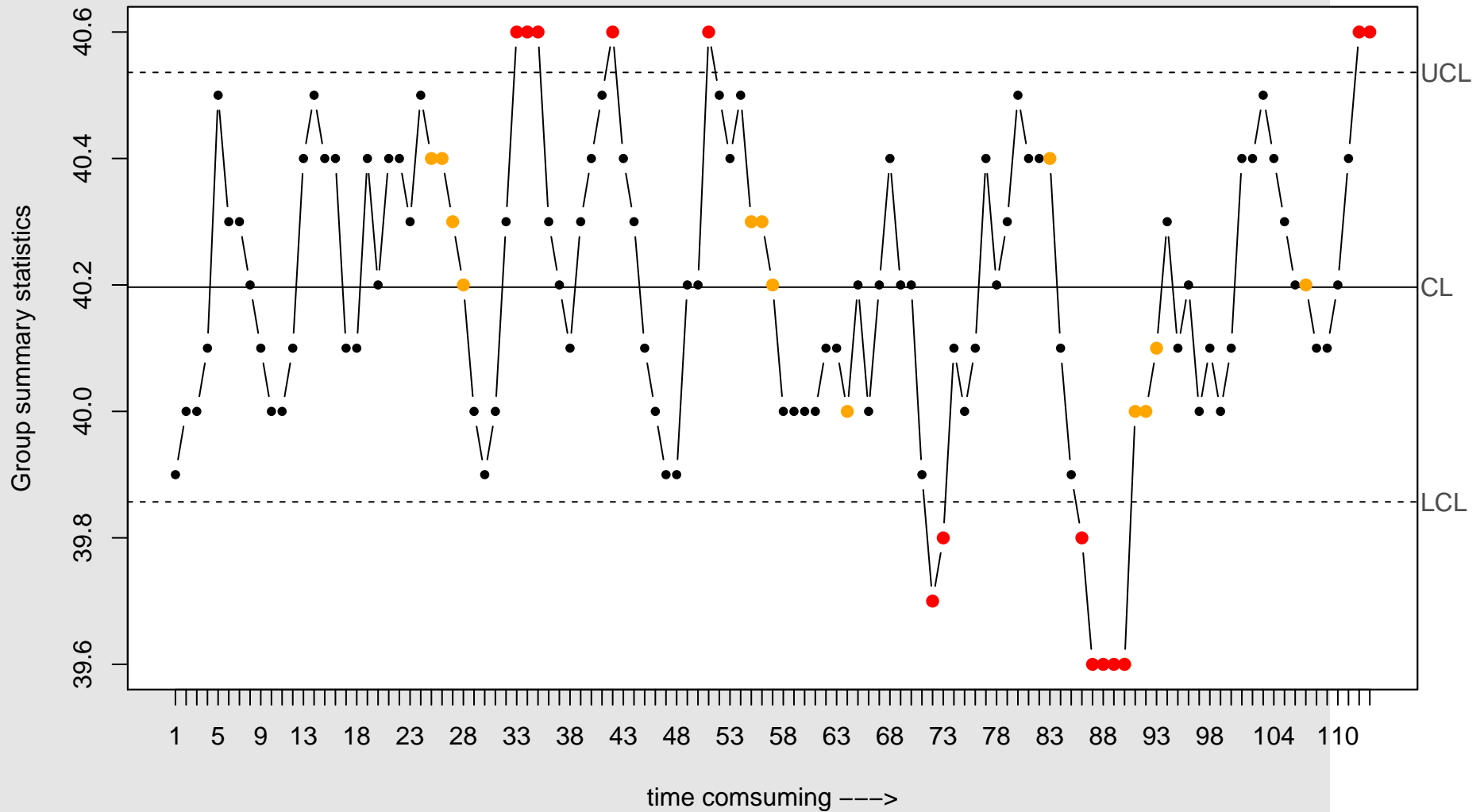
LCL = 39.85457

UCL = 40.61445

Number beyond limits = 11

Number violating runs = 7

# 176th column point of this product



Number of groups = 113

Center = 40.19646

StdDev = 0.1131902

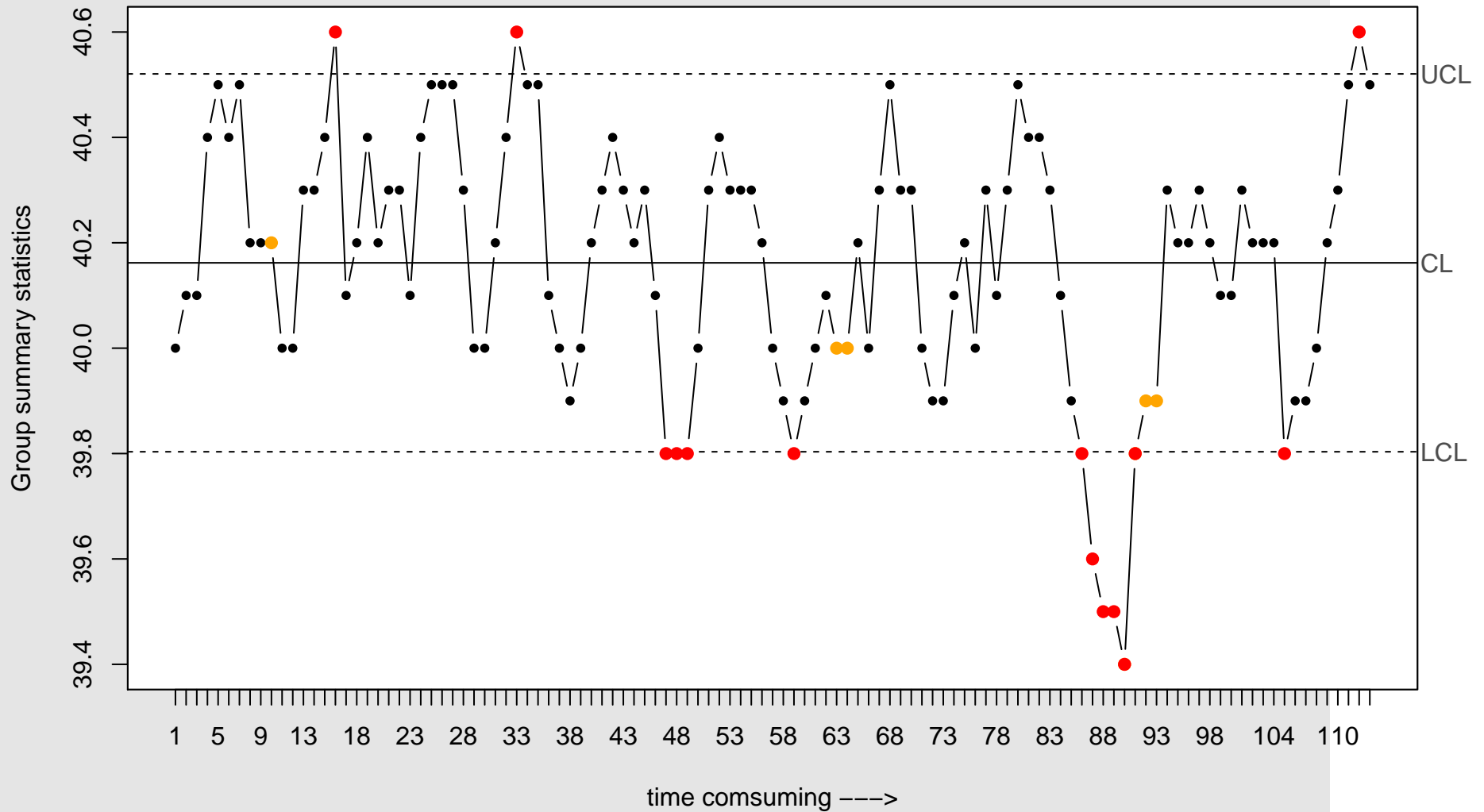
LCL = 39.85689

UCL = 40.53603

Number beyond limits = 14

Number violating runs = 14

# 177th column point of this product



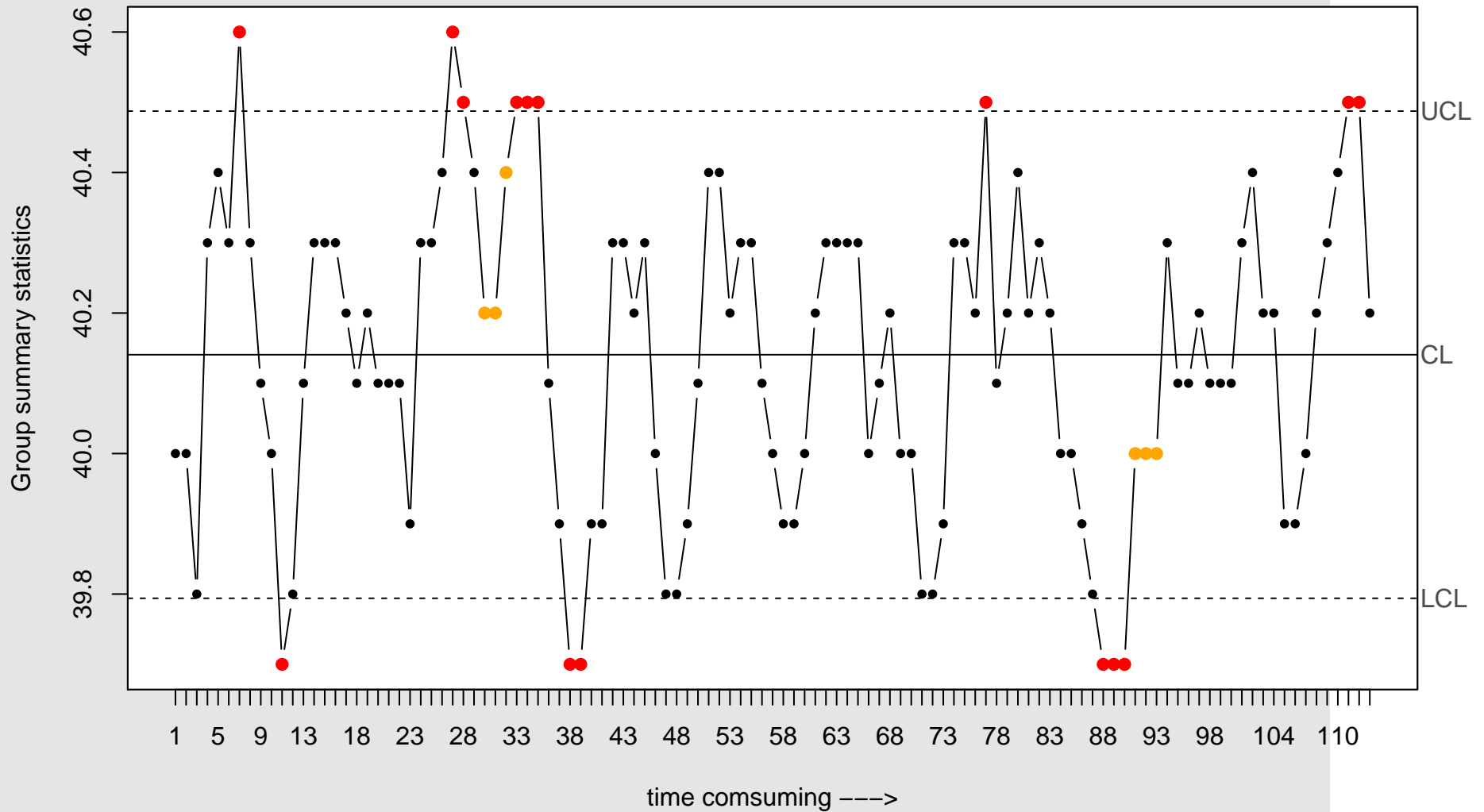
Number of groups = 113  
 Center = 40.16195  
 StdDev = 0.1195225

LCL = 39.80338  
 UCL = 40.52051

Number beyond limits = 14  
 Number violating runs = 7



# 178th column point of this product



Number of groups = 113

Center = 40.14071

StdDev = 0.1155648

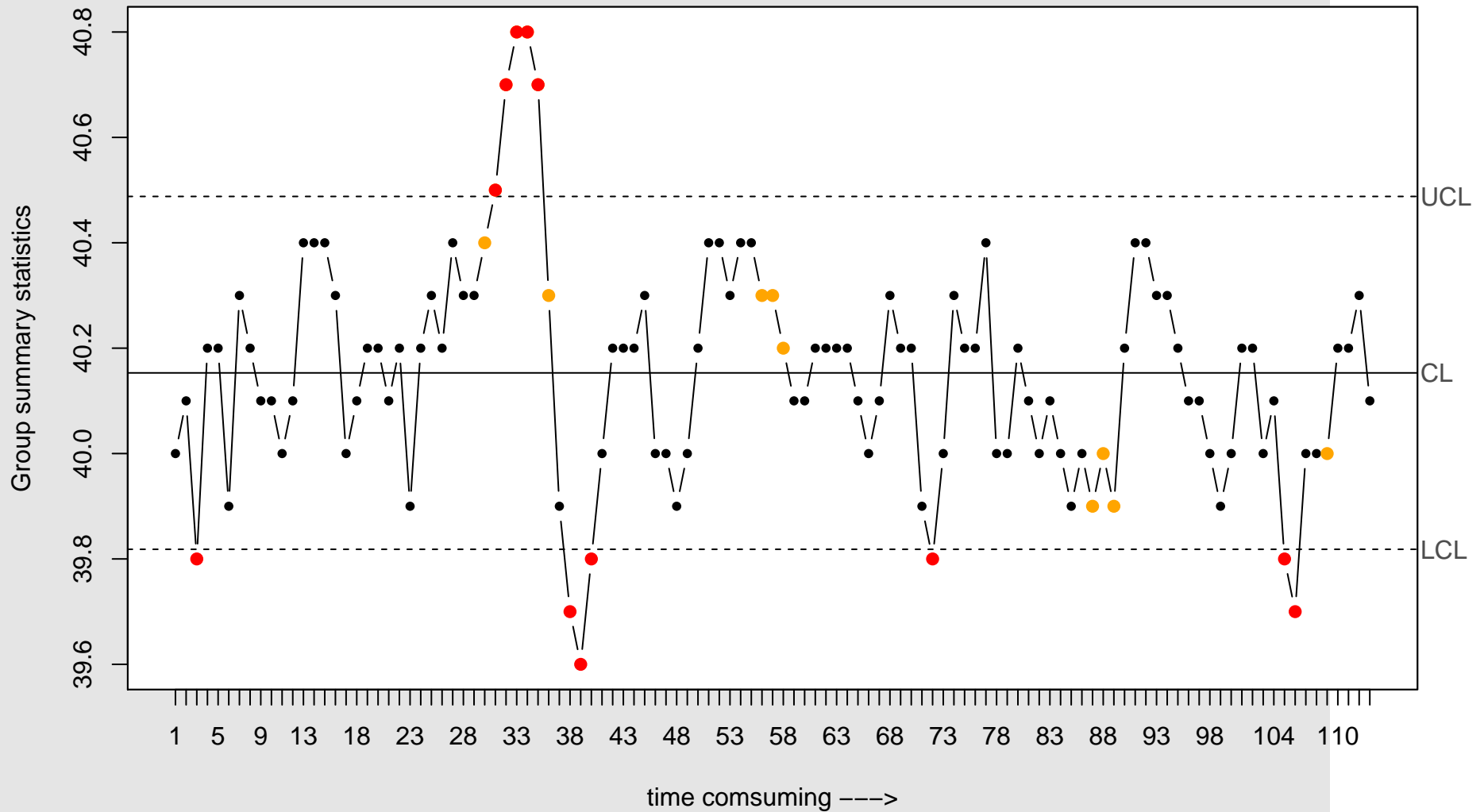
LCL = 39.79401

UCL = 40.4874

Number beyond limits = 15

Number violating runs = 10

# 179th column point of this product

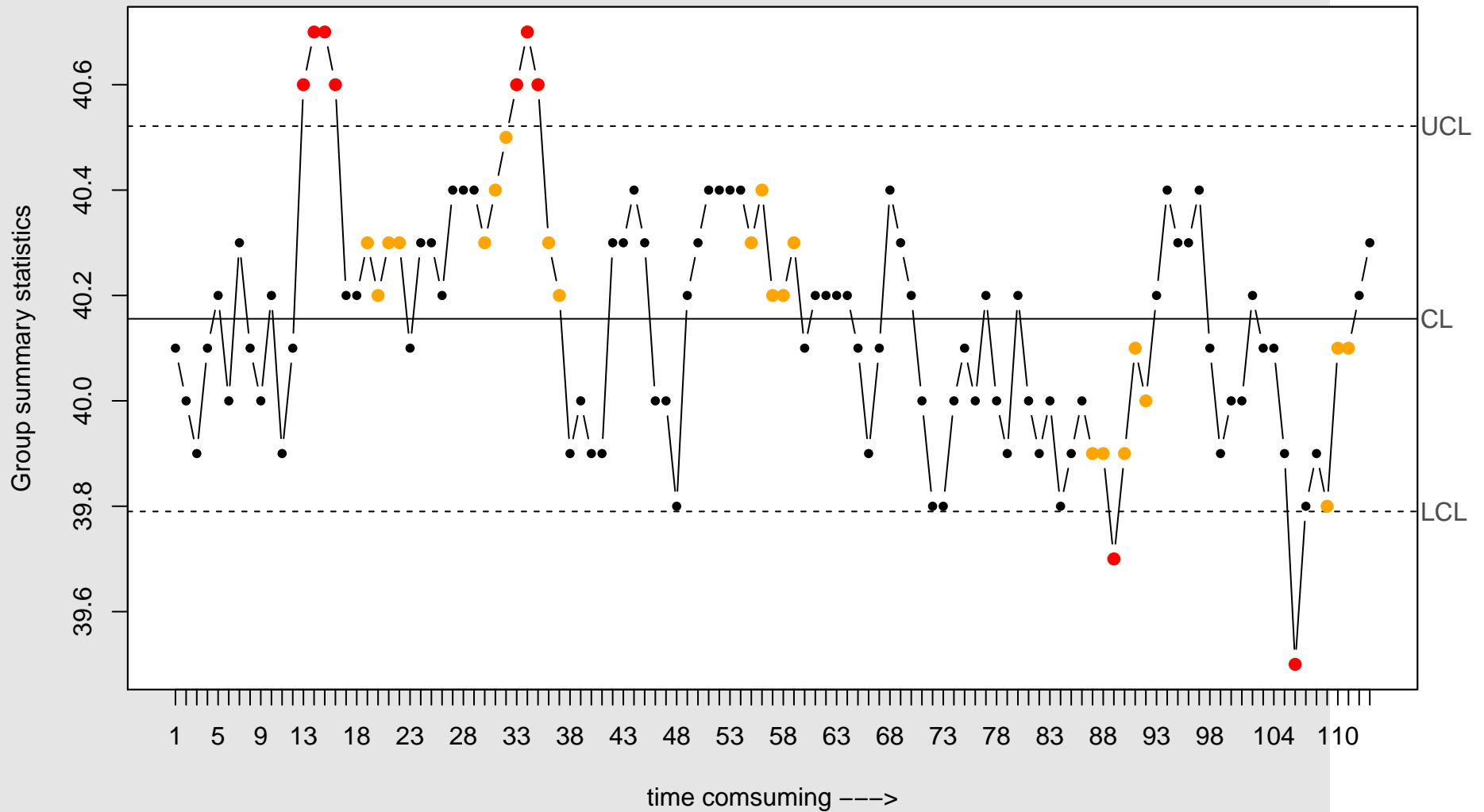


Number of groups = 113  
 Center = 40.1531  
 StdDev = 0.1116071

LCL = 39.81828  
 UCL = 40.48792

Number beyond limits = 12  
 Number violating runs = 14

# 180th column point of this product



Number of groups = 113

Center = 40.15575

StdDev = 0.1218972

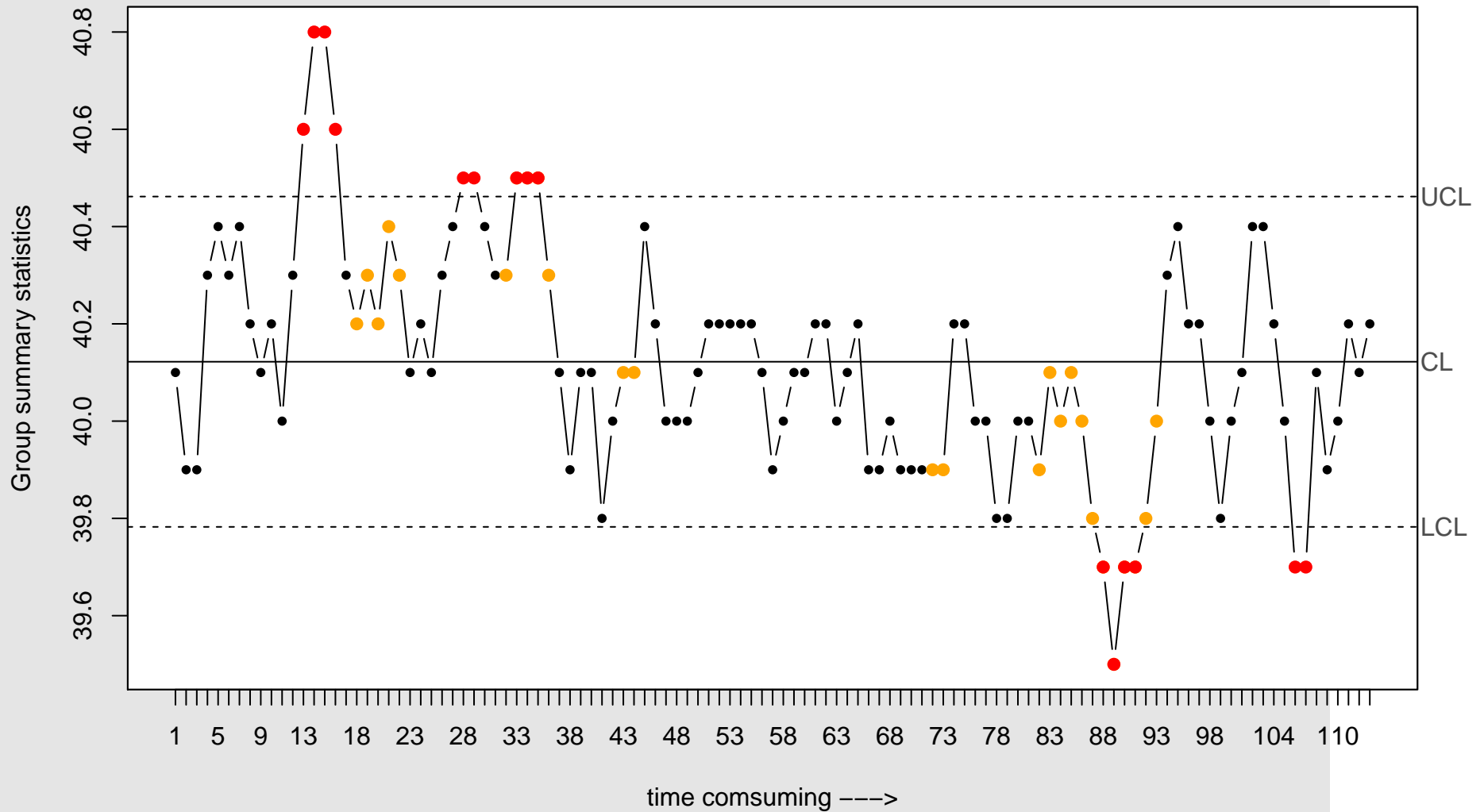
LCL = 39.79006

UCL = 40.52144

Number beyond limits = 9

Number violating runs = 26

# 181th column point of this product



Number of groups = 113

Center = 40.12212

StdDev = 0.1131902

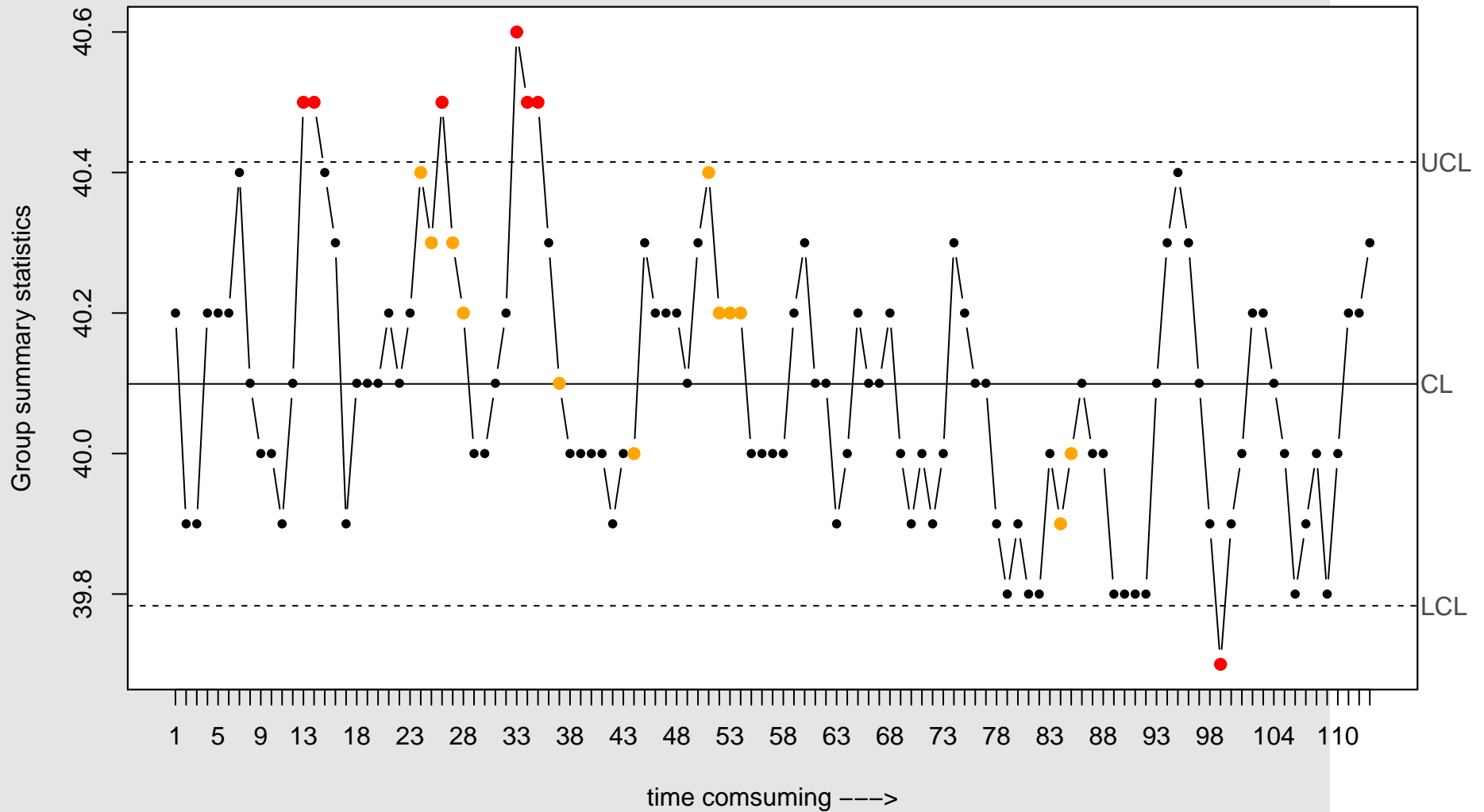
LCL = 39.78255

UCL = 40.46169

Number beyond limits = 15

Number violating runs = 26

# 182th column point of this product

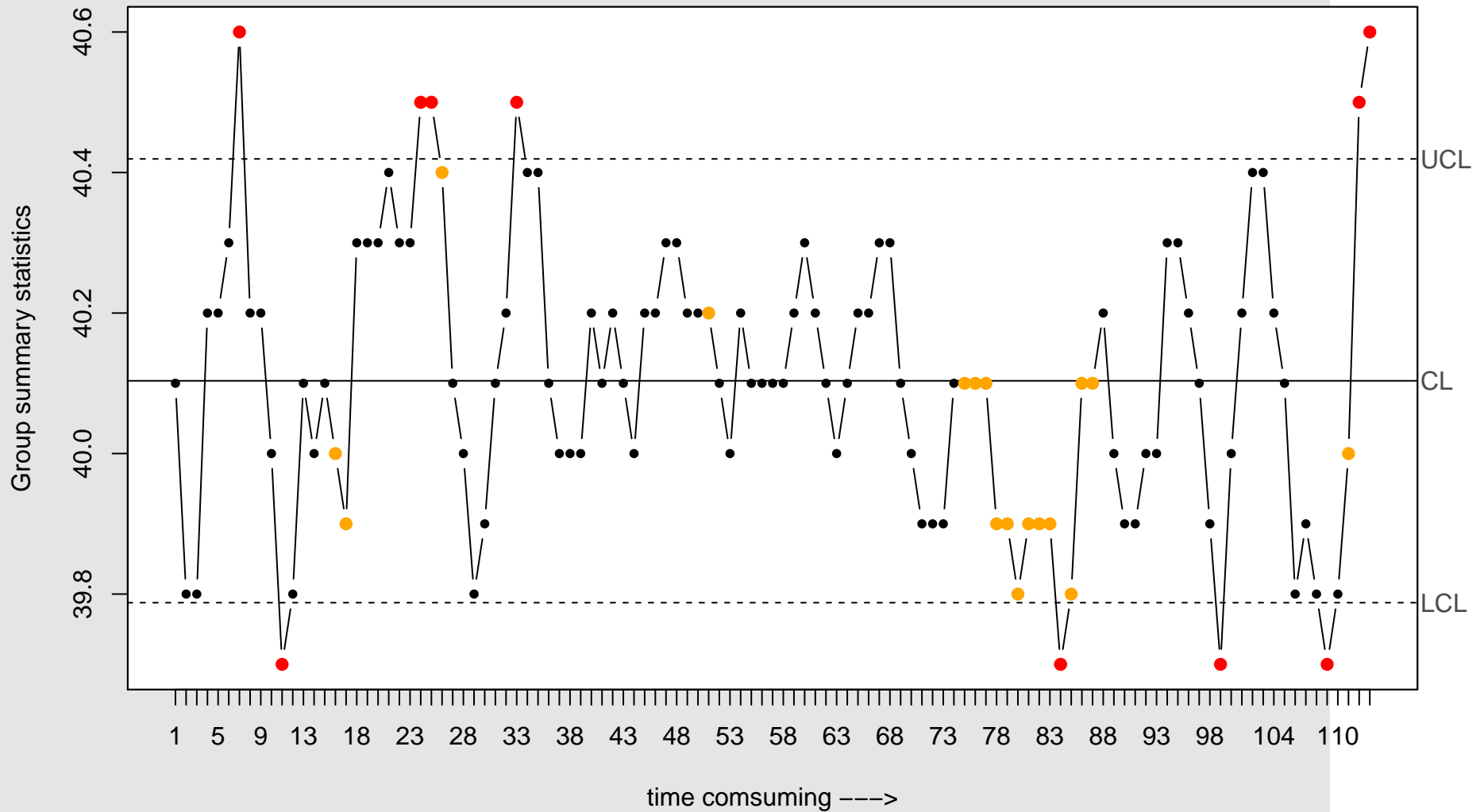


Number of groups = 113  
 Center = 40.09912  
 StdDev = 0.1052748

LCL = 39.78329  
 UCL = 40.41494

Number beyond limits = 7  
 Number violating runs = 13

# 183th column point of this product



Number of groups = 113

Center = 40.10354

StdDev = 0.1052748

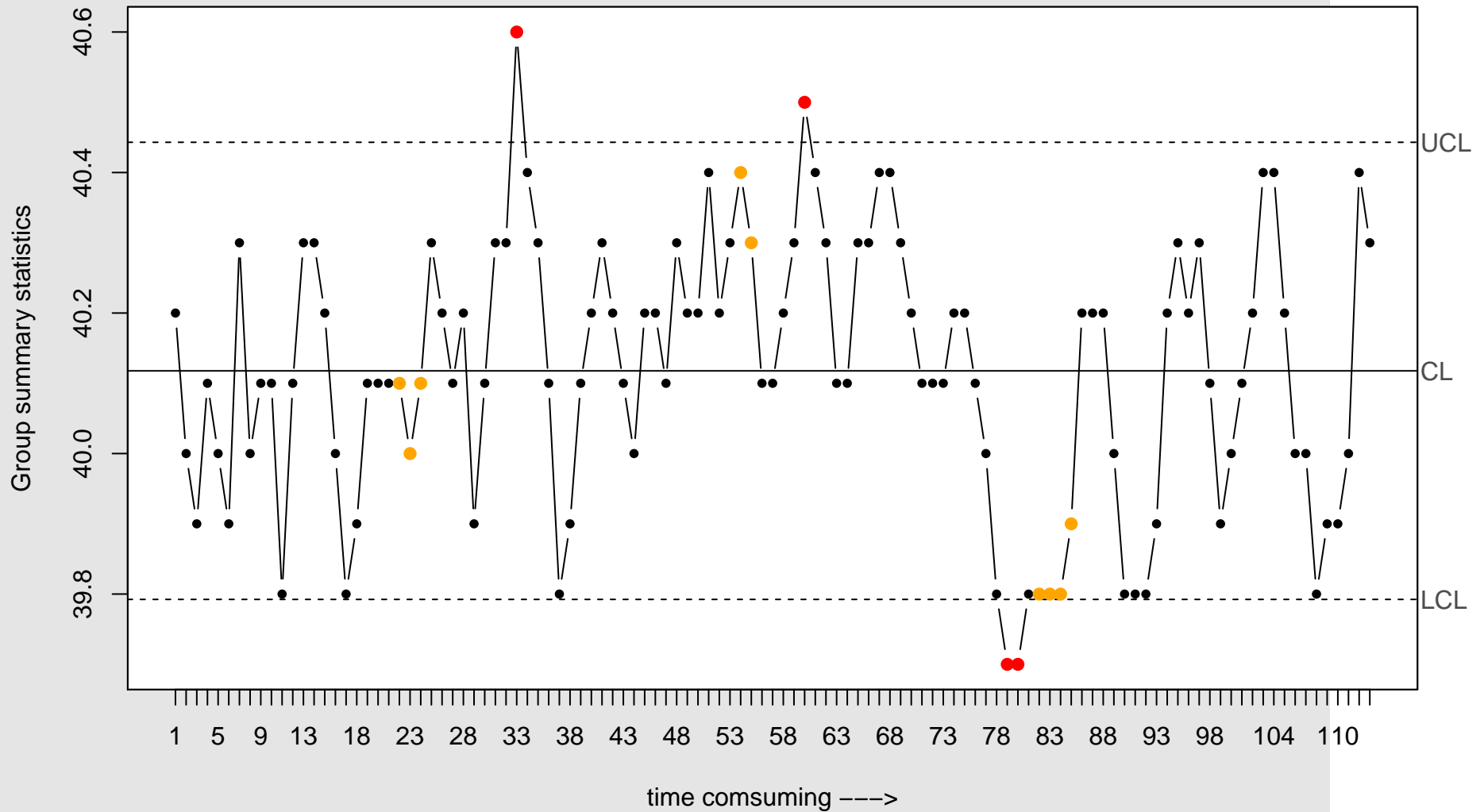
LCL = 39.78772

UCL = 40.41936

Number beyond limits = 10

Number violating runs = 20

# 184th column point of this product



Number of groups = 113

Center = 40.1177

StdDev = 0.108441

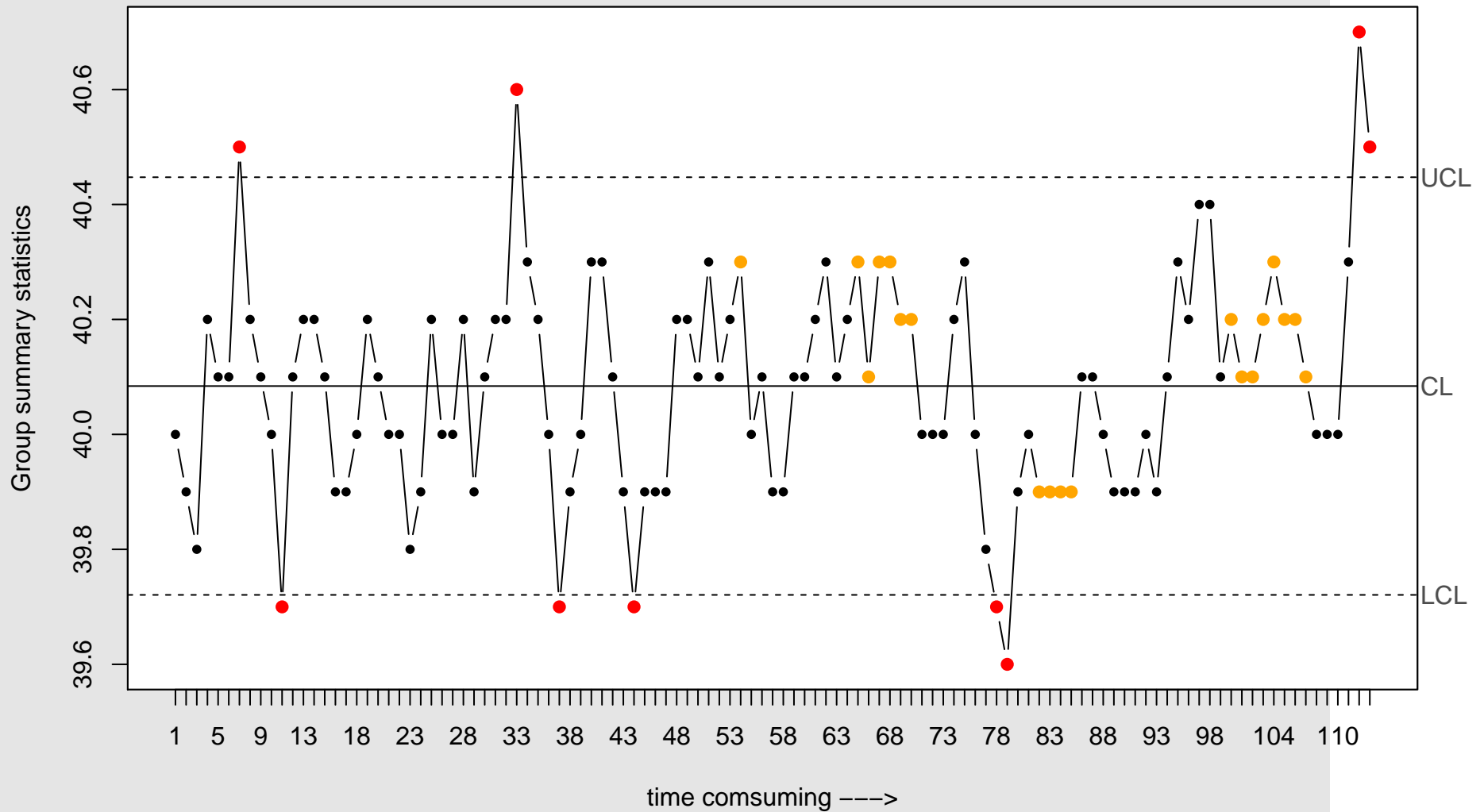
LCL = 39.79238

UCL = 40.44302

Number beyond limits = 4

Number violating runs = 9

# 185th column point of this product



Number of groups = 113

Center = 40.08407

StdDev = 0.1211056

LCL = 39.72075

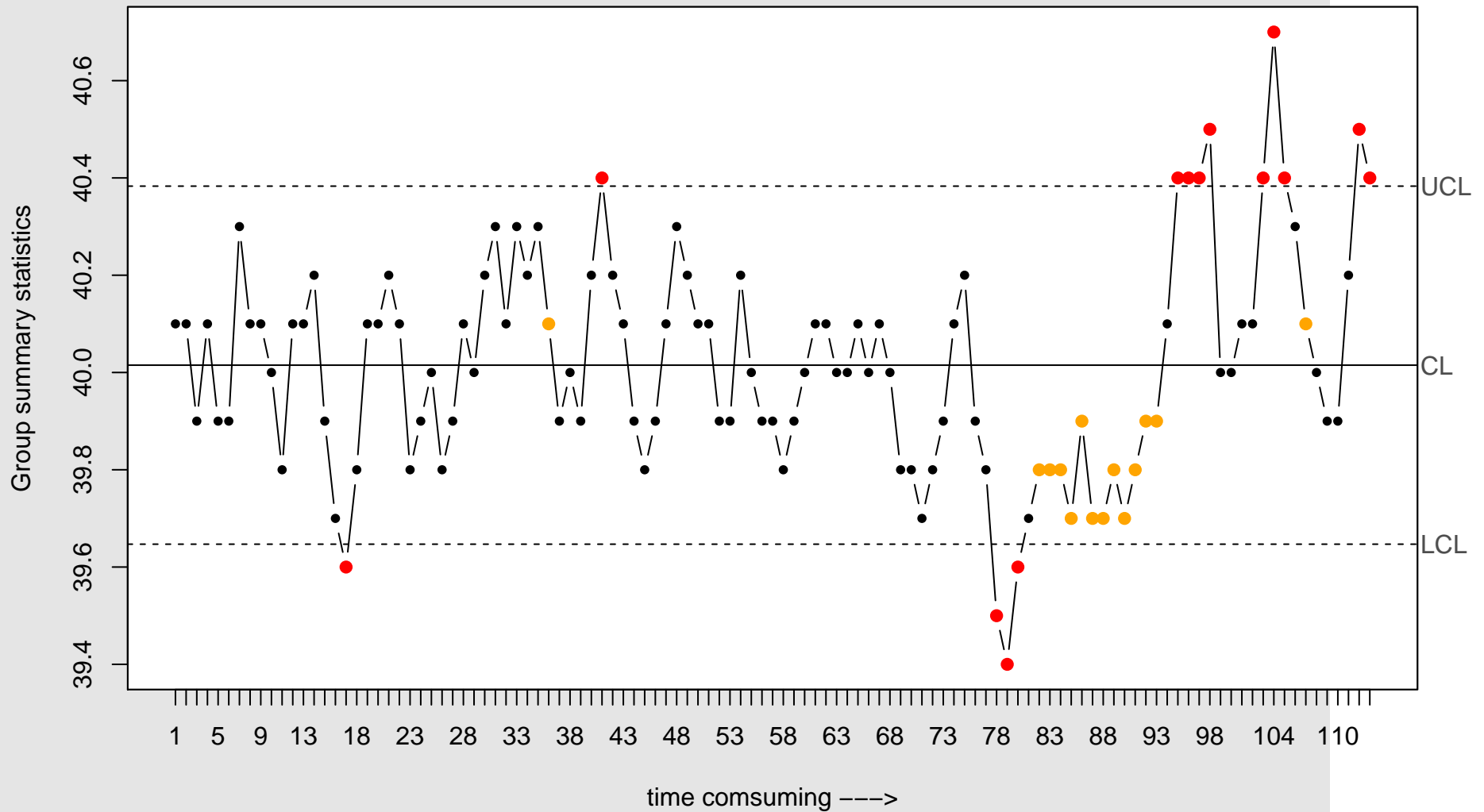
UCL = 40.44739

Number beyond limits = 9

Number violating runs = 19



# 186th column point of this product



Number of groups = 113

Center = 40.01504

StdDev = 0.1226887

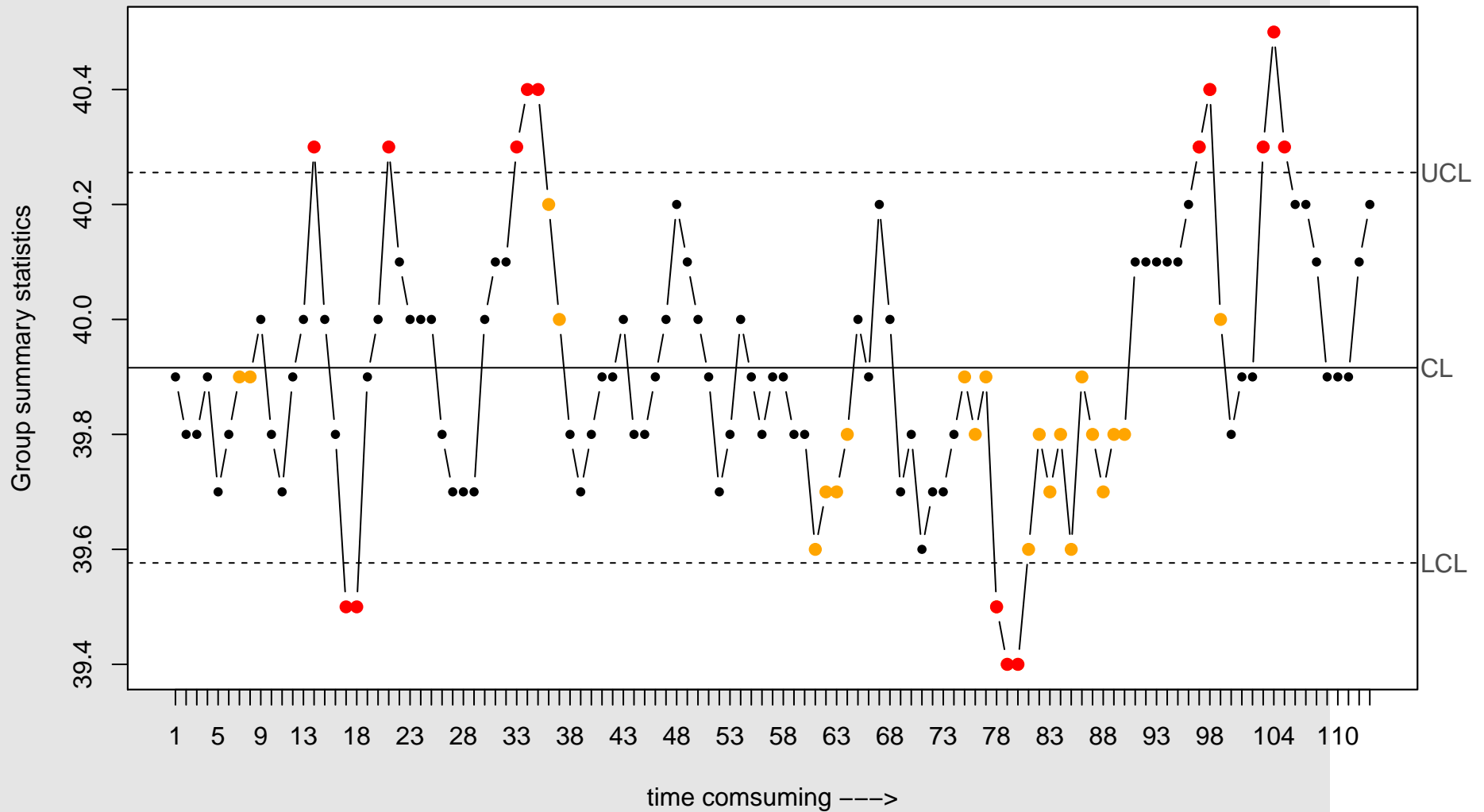
LCL = 39.64698

UCL = 40.38311

Number beyond limits = 14

Number violating runs = 14

# 187th column point of this product

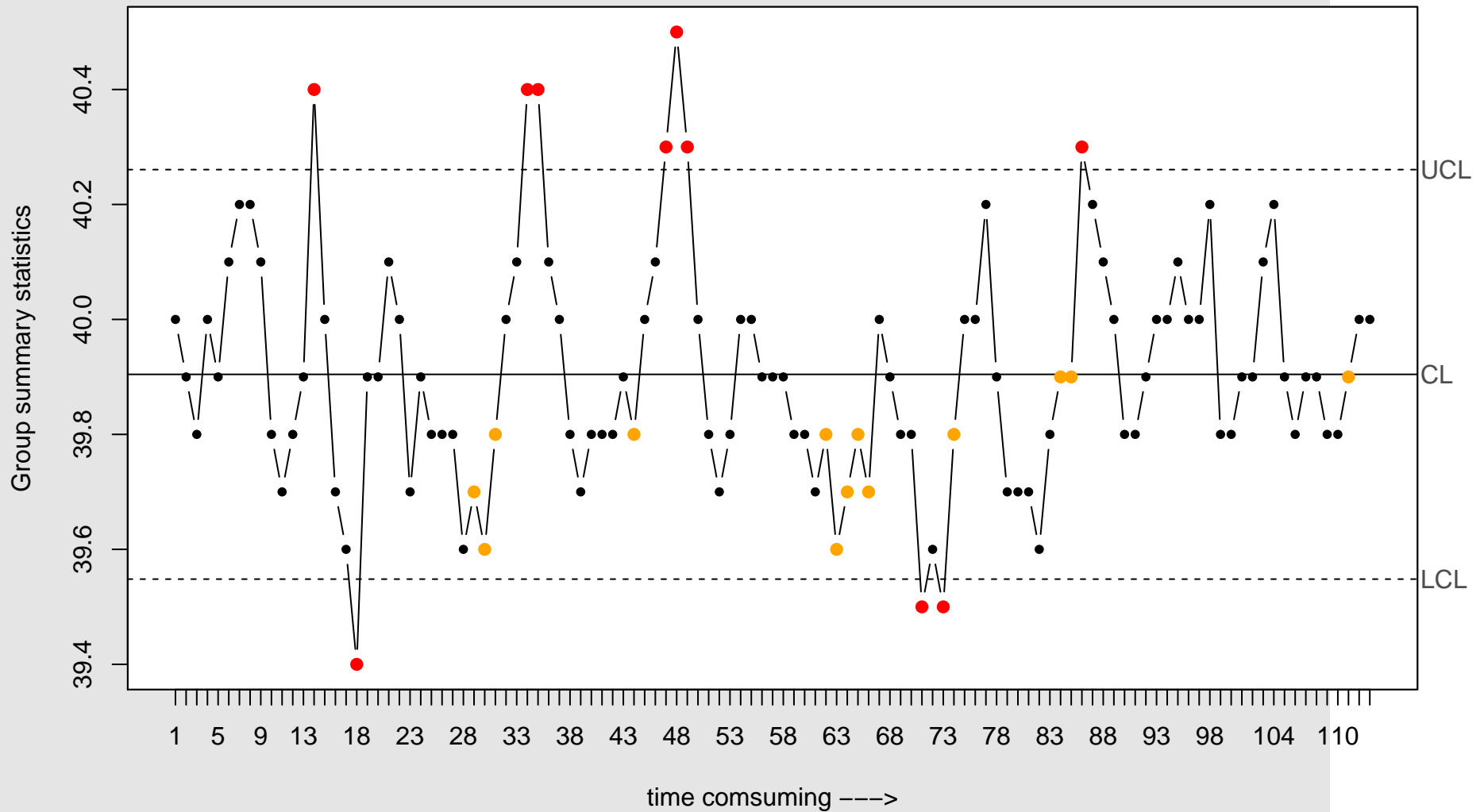


Number of groups = 113  
 Center = 39.91593  
 StdDev = 0.1131902

LCL = 39.57636  
 UCL = 40.2555

Number beyond limits = 15  
 Number violating runs = 27

# 188th column point of this product

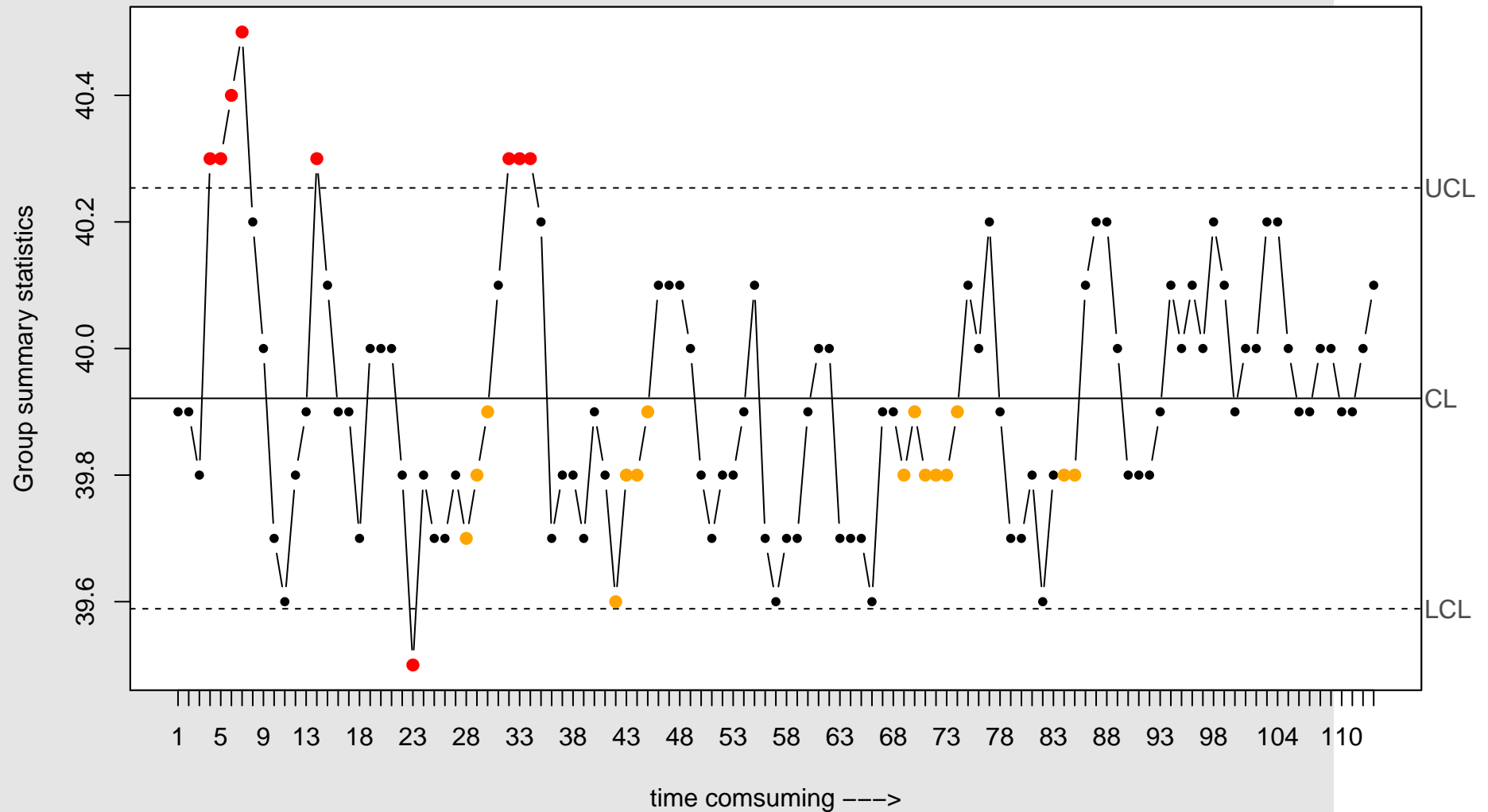


Number of groups = 113  
 Center = 39.90442  
 StdDev = 0.118731

LCL = 39.54823  
 UCL = 40.26062

Number beyond limits = 10  
 Number violating runs = 13

# 189th column point of this product

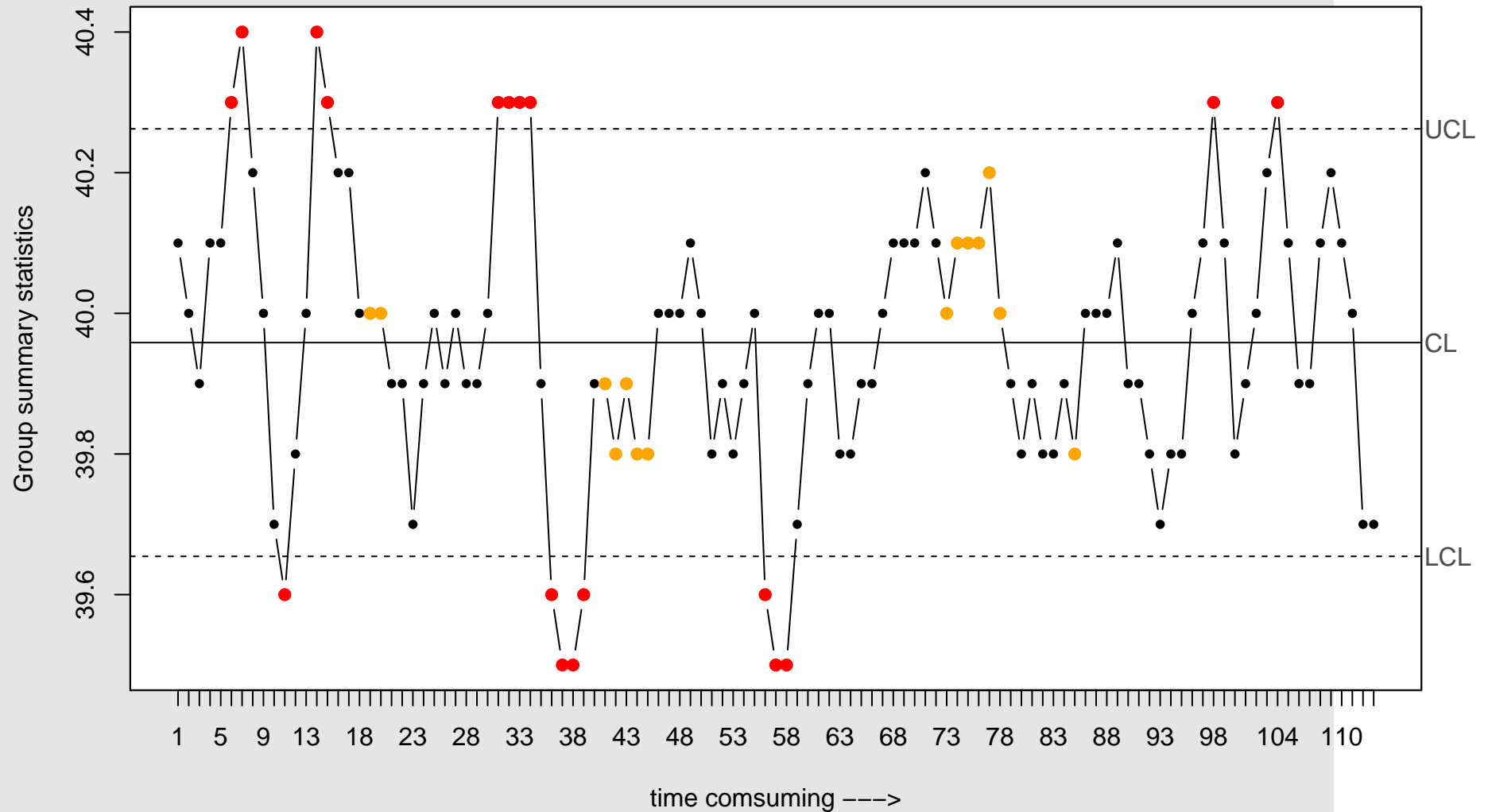


Number of groups = 113  
 Center = 39.92124  
 StdDev = 0.1108156

LCL = 39.58879  
 UCL = 40.25369

Number beyond limits = 9  
 Number violating runs = 15

# 190th column point of this product



Number of groups = 113

Center = 39.95841

StdDev = 0.1013171

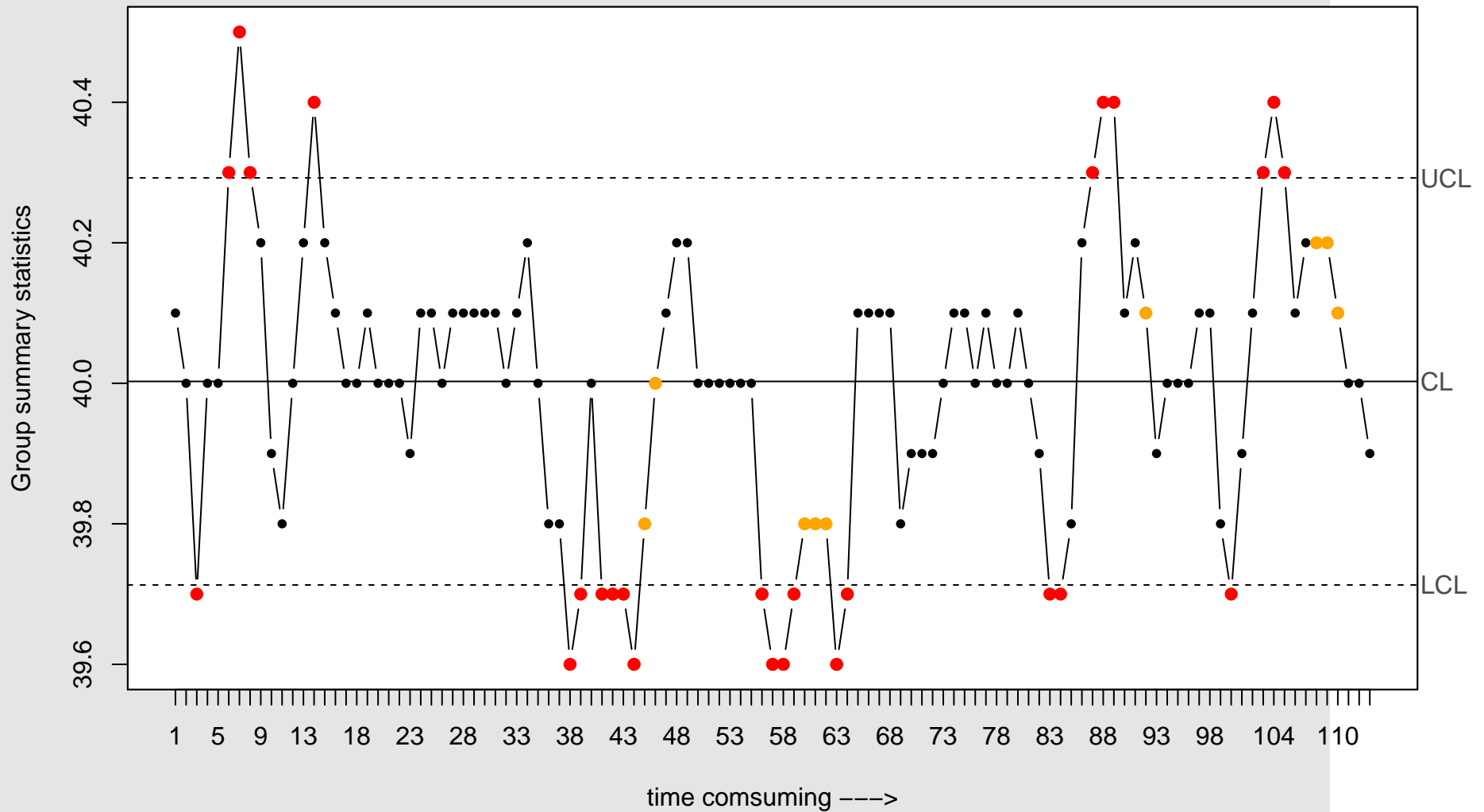
LCL = 39.65446

UCL = 40.26236

Number beyond limits = 18

Number violating runs = 14

# 191th column point of this product



Number of groups = 113

Center = 40.00265

StdDev = 0.09656788

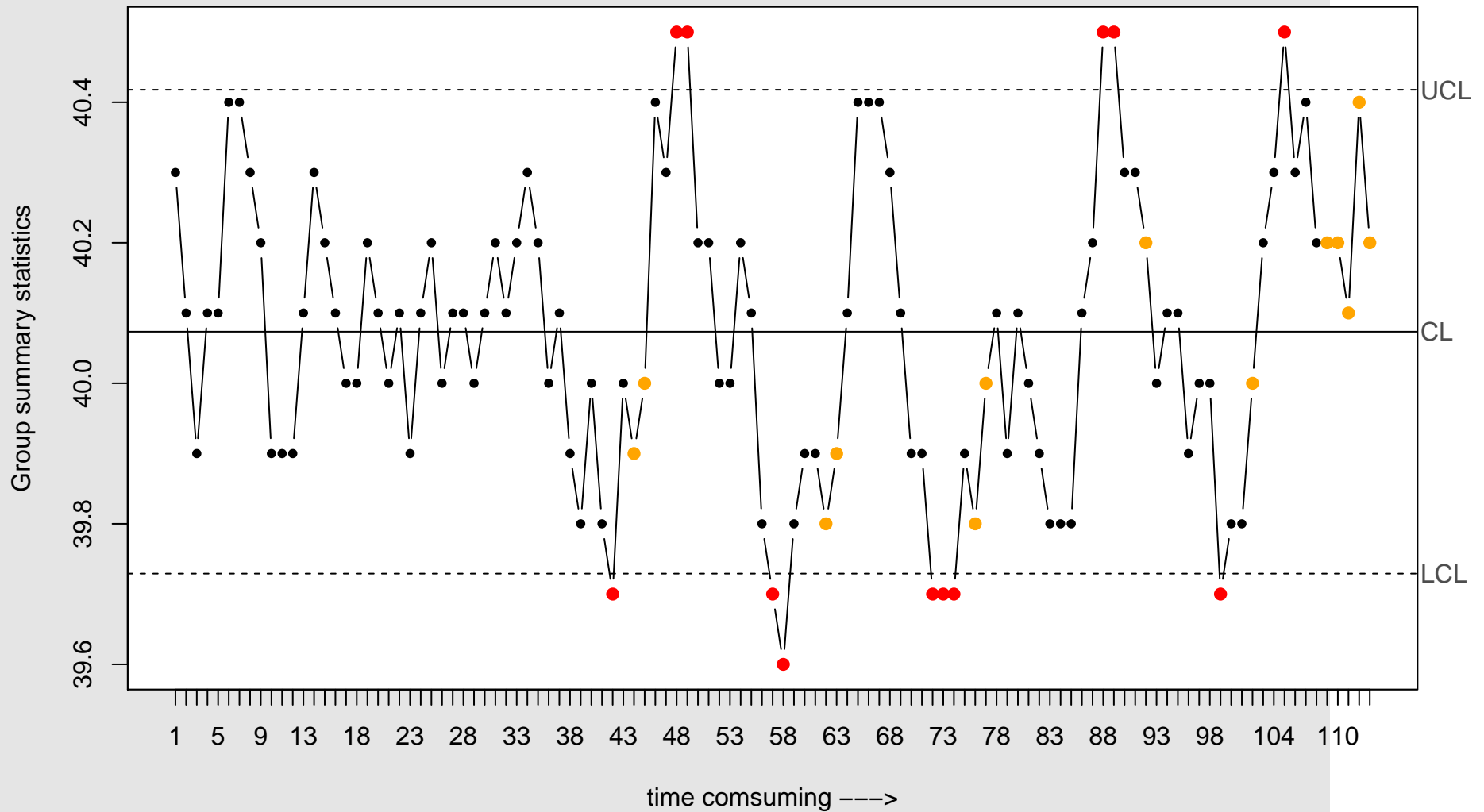
LCL = 39.71295

UCL = 40.29236

Number beyond limits = 26

Number violating runs = 19

# 192th column point of this product



Number of groups = 113

Center = 40.07345

StdDev = 0.1147733

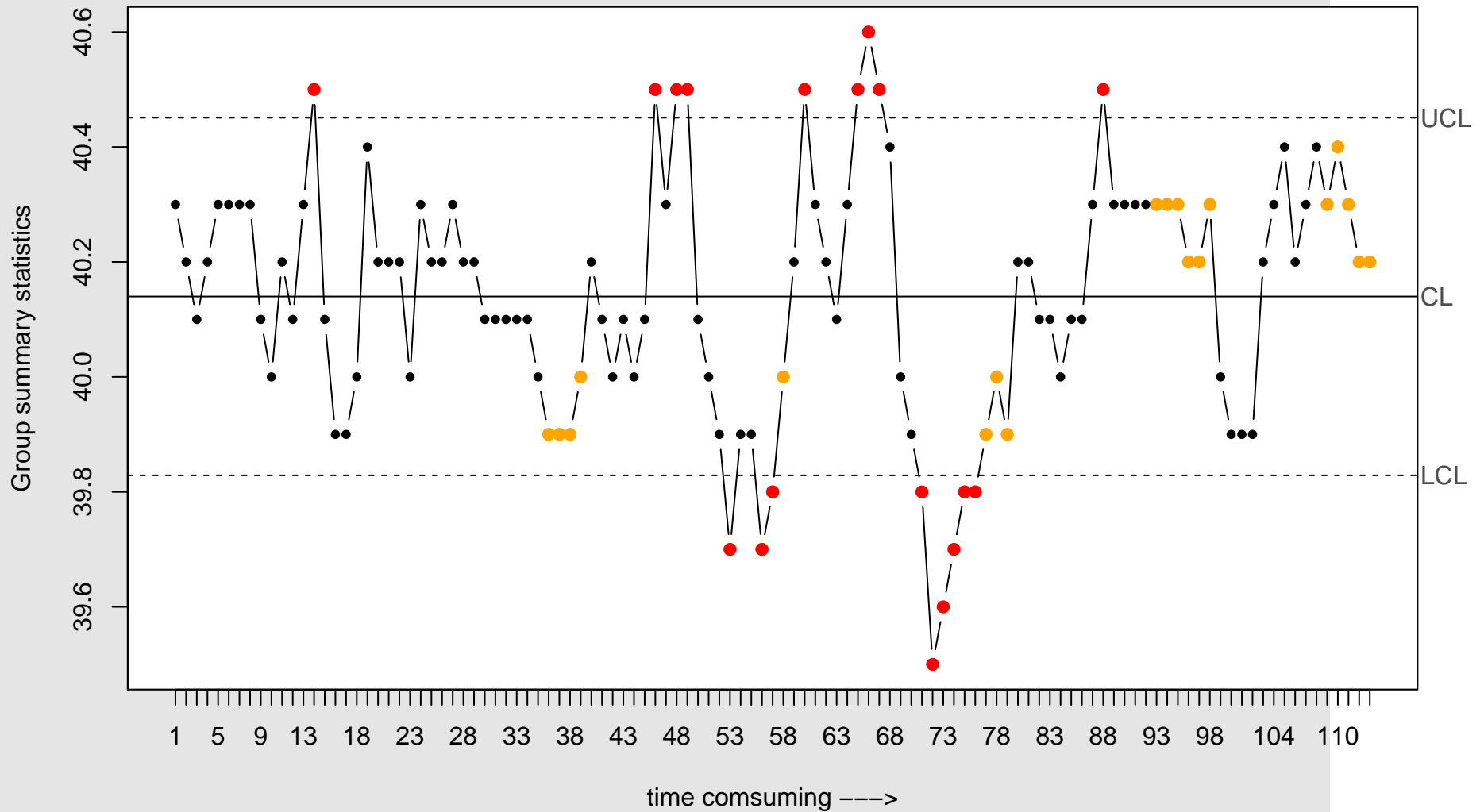
LCL = 39.72913

UCL = 40.41777

Number beyond limits = 12

Number violating runs = 13

# 193th column point of this product



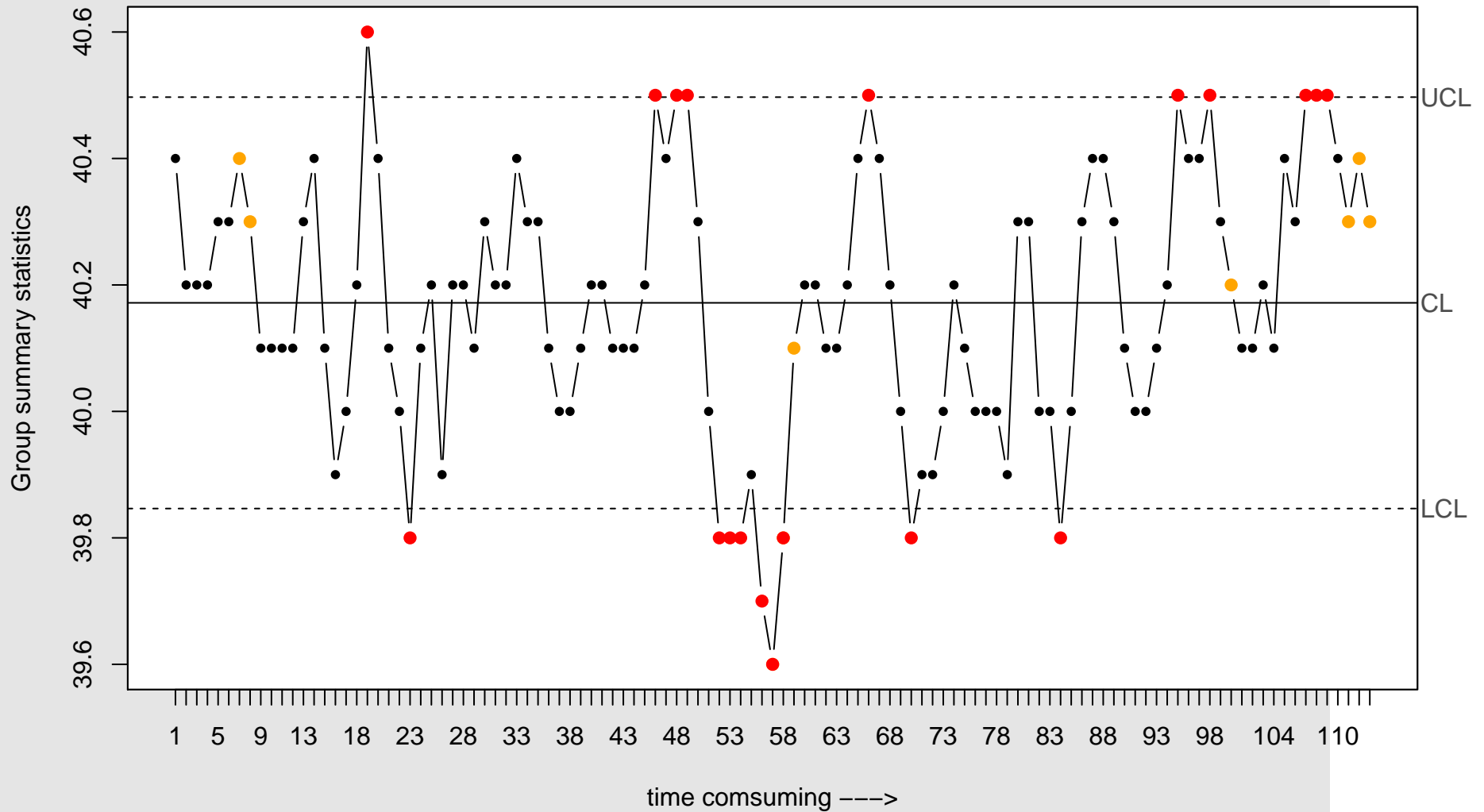
Number of groups = 113  
 Center = 40.13982  
 StdDev = 0.1036917

LCL = 39.82875  
 UCL = 40.4509

Number beyond limits = 18  
 Number violating runs = 23



# 194th column point of this product

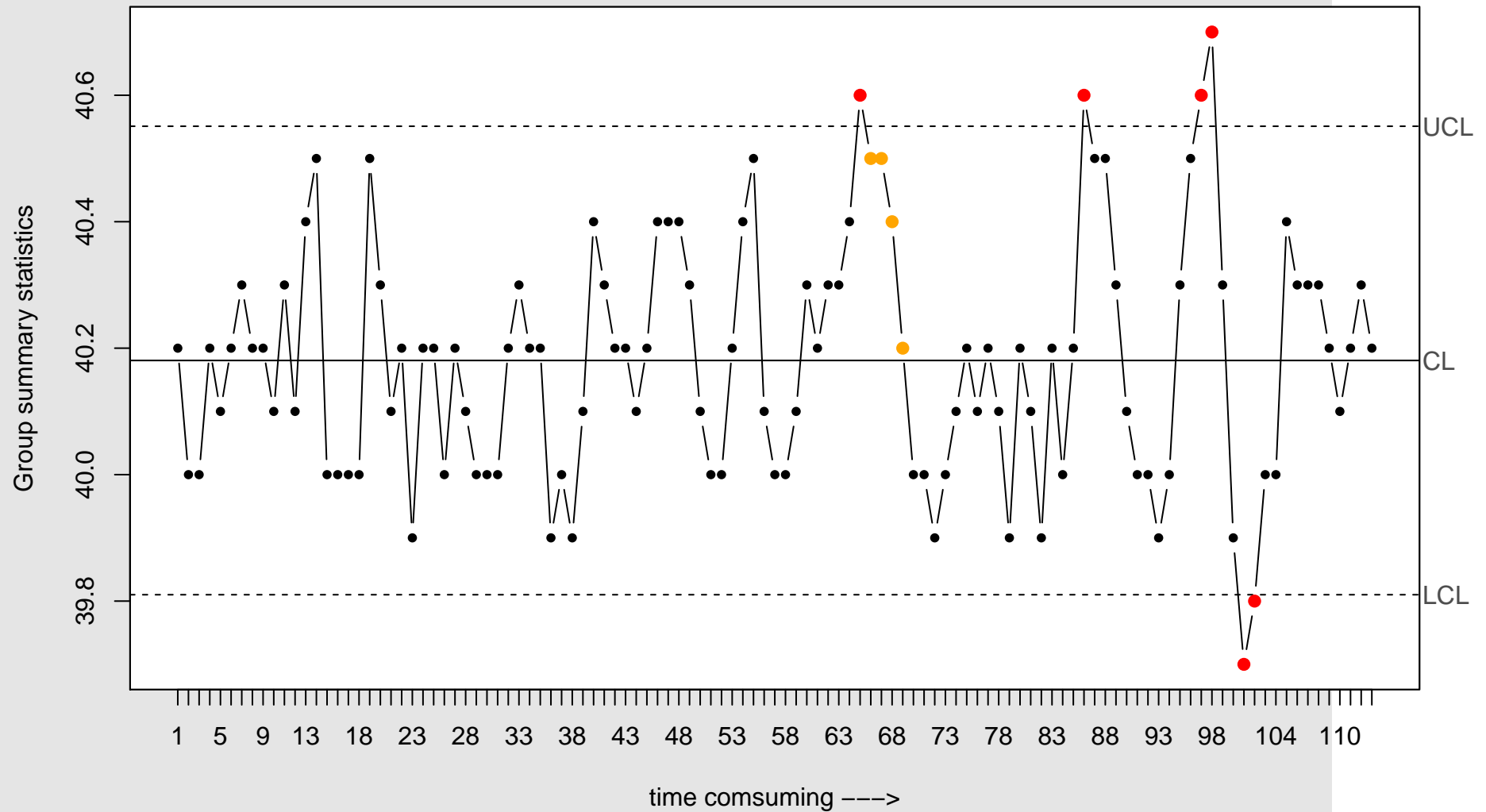


Number of groups = 113  
Center = 40.17168  
StdDev = 0.108441

LCL = 39.84636  
UCL = 40.497

Number beyond limits = 19  
Number violating runs = 9

# 195th column point of this product



Number of groups = 113

Center = 40.18053

StdDev = 0.1234802

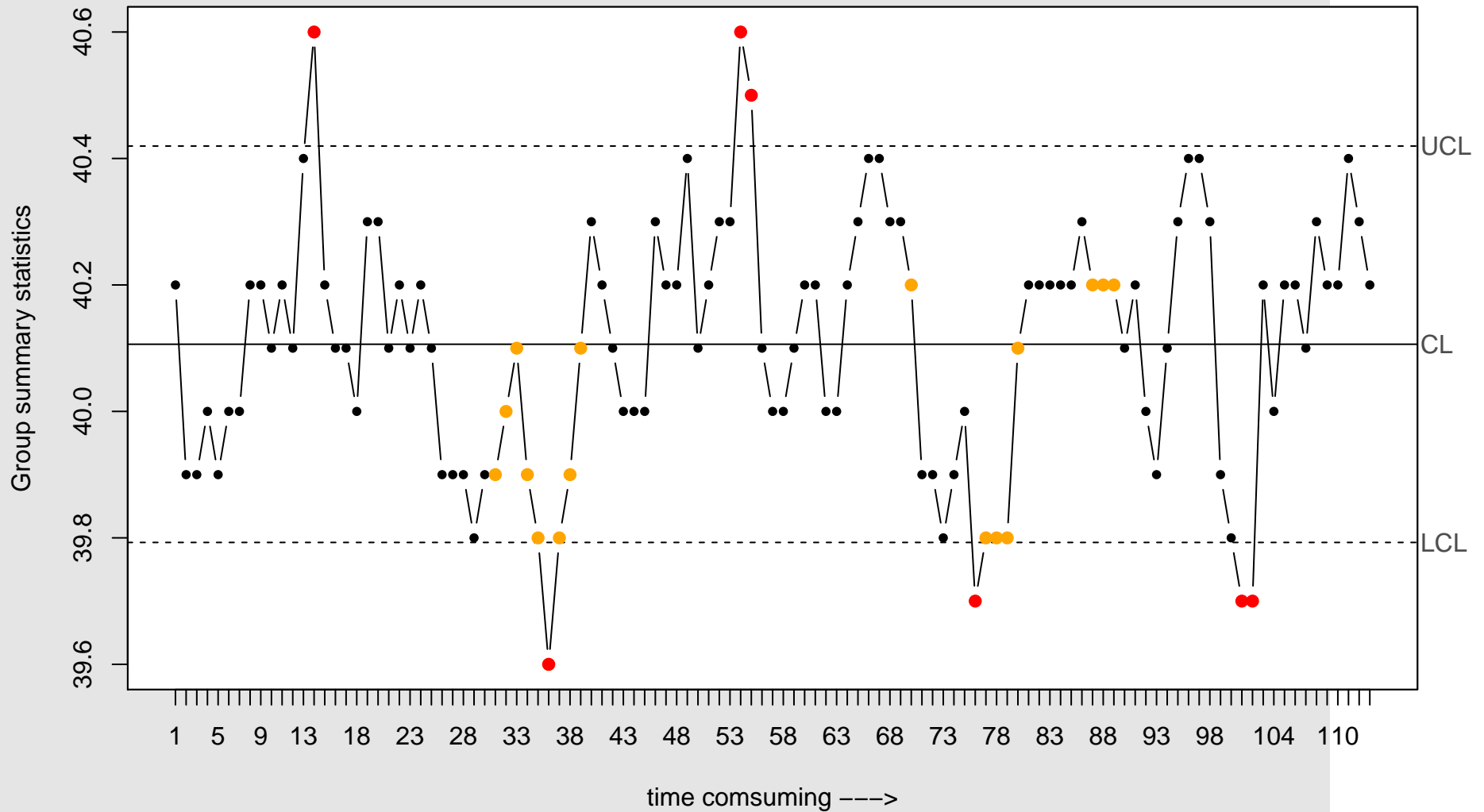
LCL = 39.81009

UCL = 40.55097

Number beyond limits = 6

Number violating runs = 4

# 196th column point of this product



Number of groups = 113

Center = 40.10619

StdDev = 0.1044833

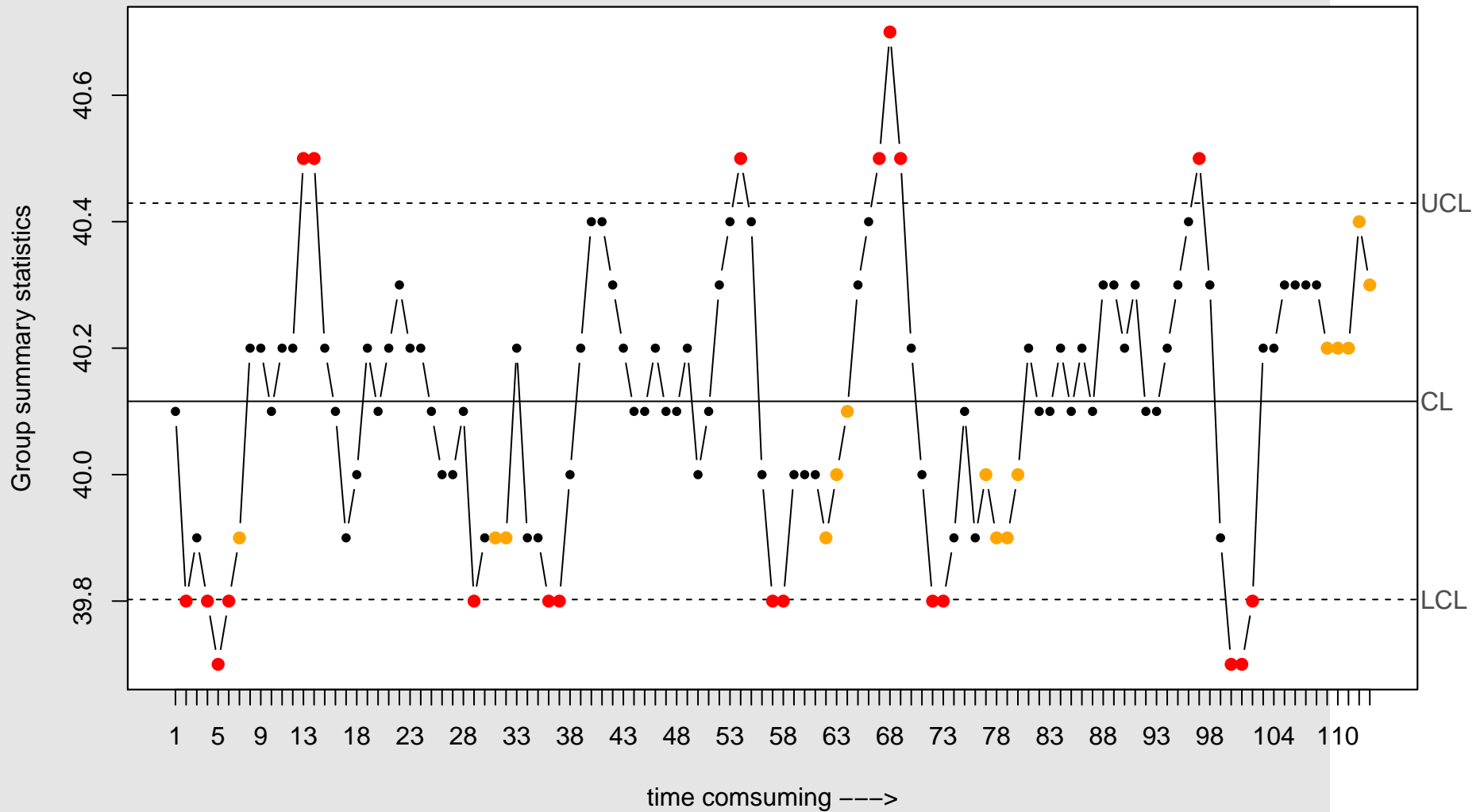
LCL = 39.79274

UCL = 40.41964

Number beyond limits = 7

Number violating runs = 17

# 197th column point of this product



Number of groups = 113

Center = 40.11593

StdDev = 0.1044833

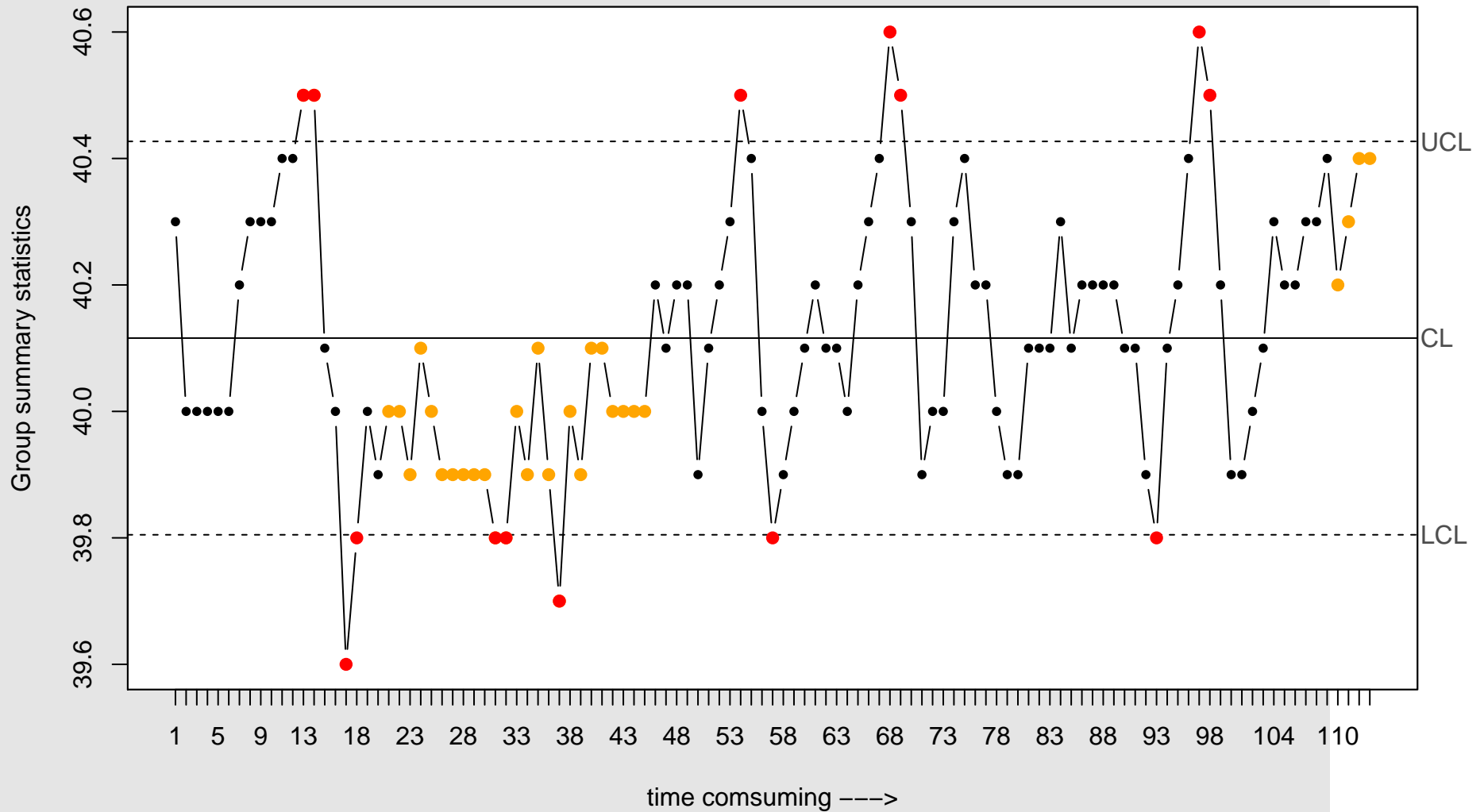
LCL = 39.80248

UCL = 40.42938

Number beyond limits = 21

Number violating runs = 15

# 198th column point of this product

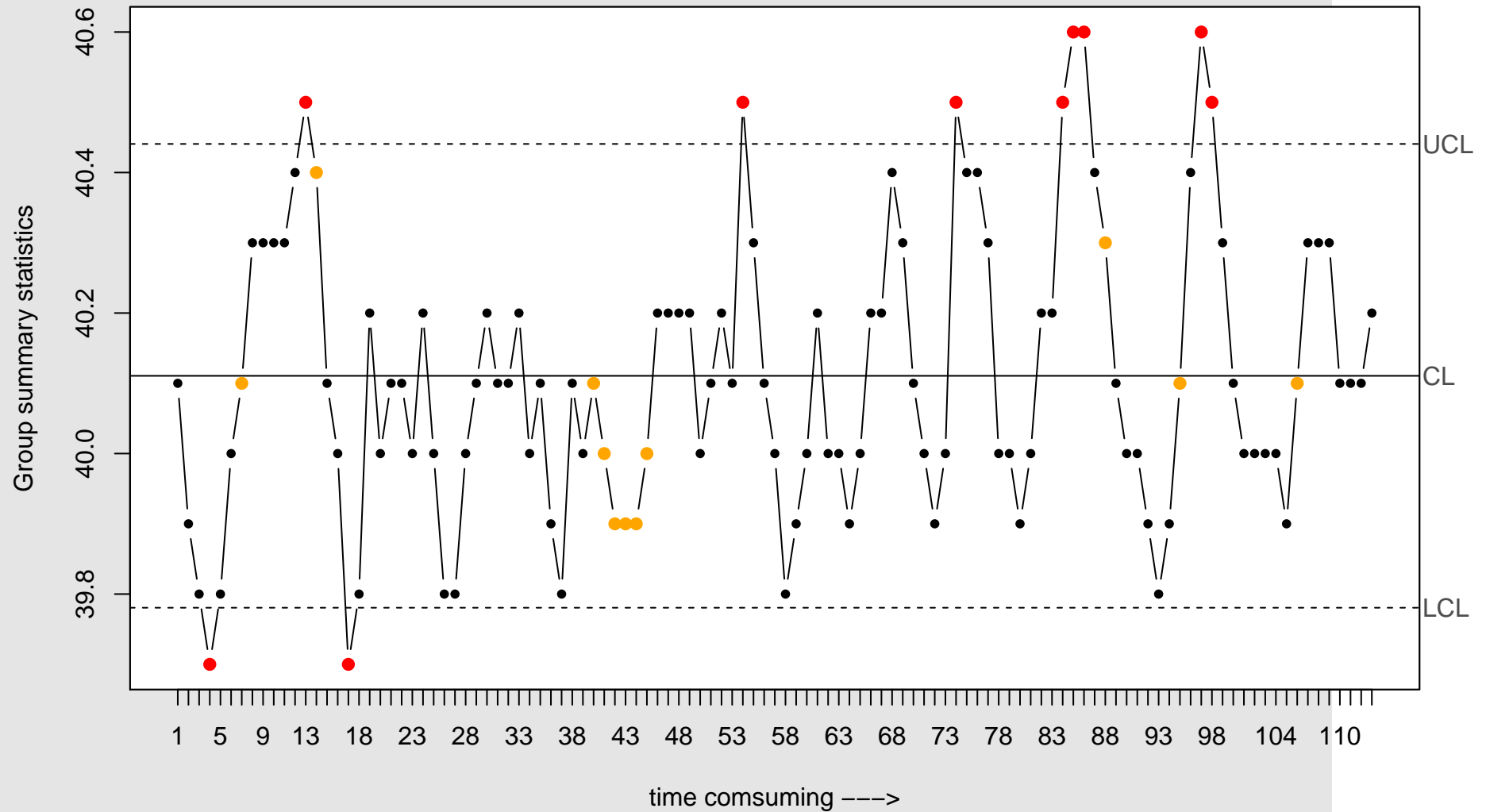


Number of groups = 113  
 Center = 40.11593  
 StdDev = 0.1036917

LCL = 39.80485  
 UCL = 40.427

Number beyond limits = 14  
 Number violating runs = 31

# 199th column point of this product

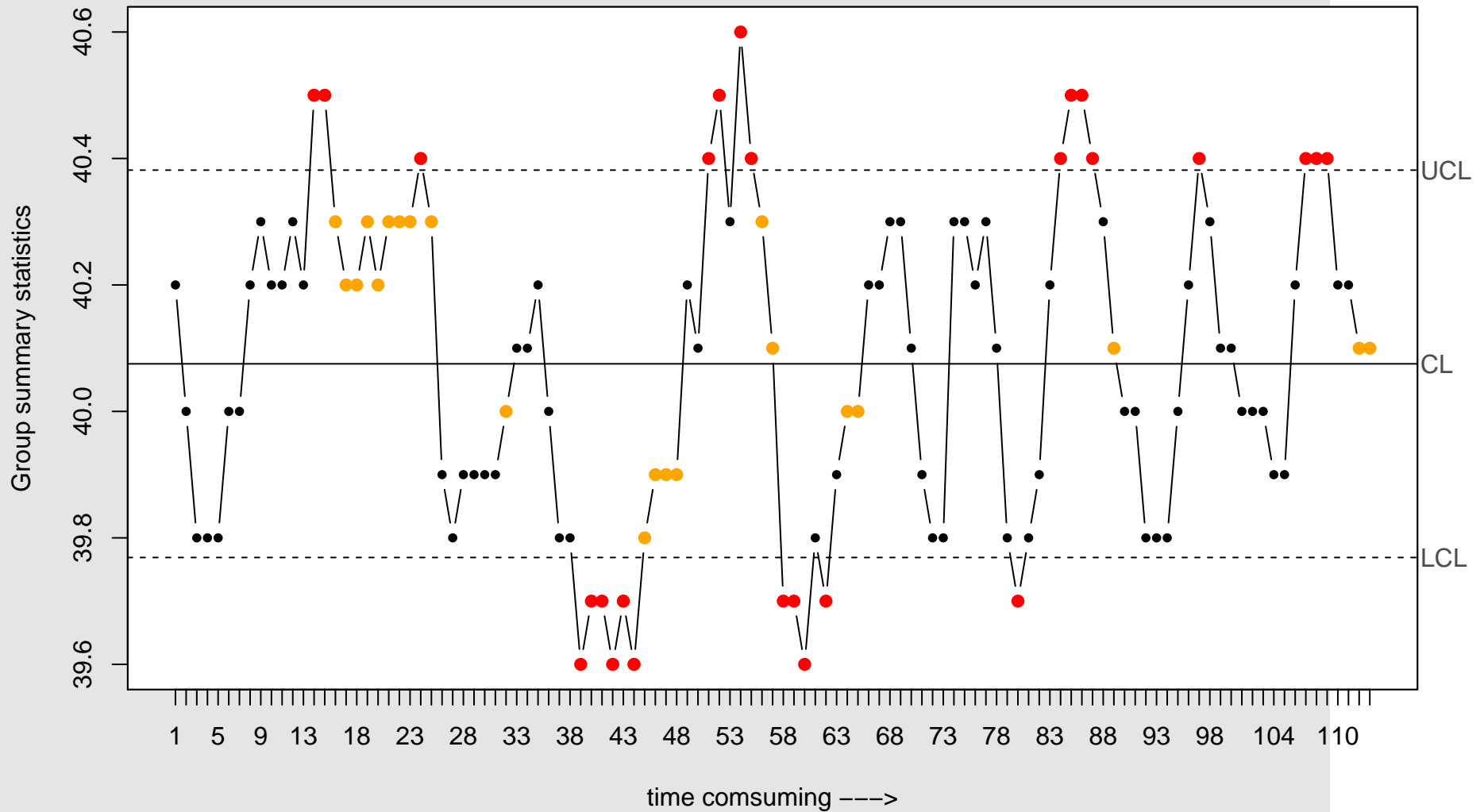


Number of groups = 113  
 Center = 40.11062  
 StdDev = 0.1100241

LCL = 39.78055  
 UCL = 40.44069

Number beyond limits = 10  
 Number violating runs = 11

## 200th column point of this product



Number of groups = 113

Center = 40.07522

StdDev = 0.1021087

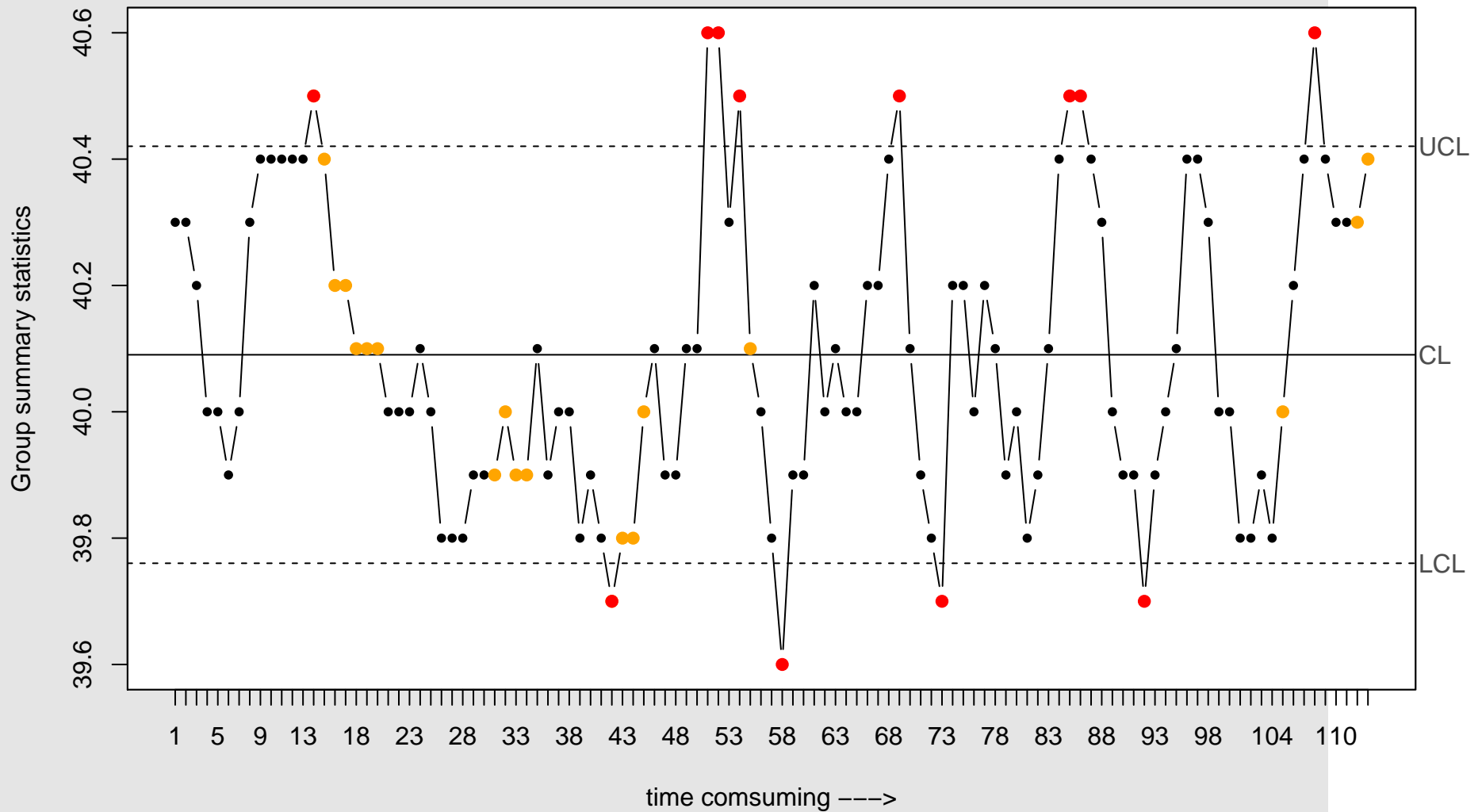
LCL = 39.7689

UCL = 40.38155

Number beyond limits = 26

Number violating runs = 28

## 201th column point of this product



Number of groups = 113

Center = 40.09027

StdDev = 0.1100241

LCL = 39.76019

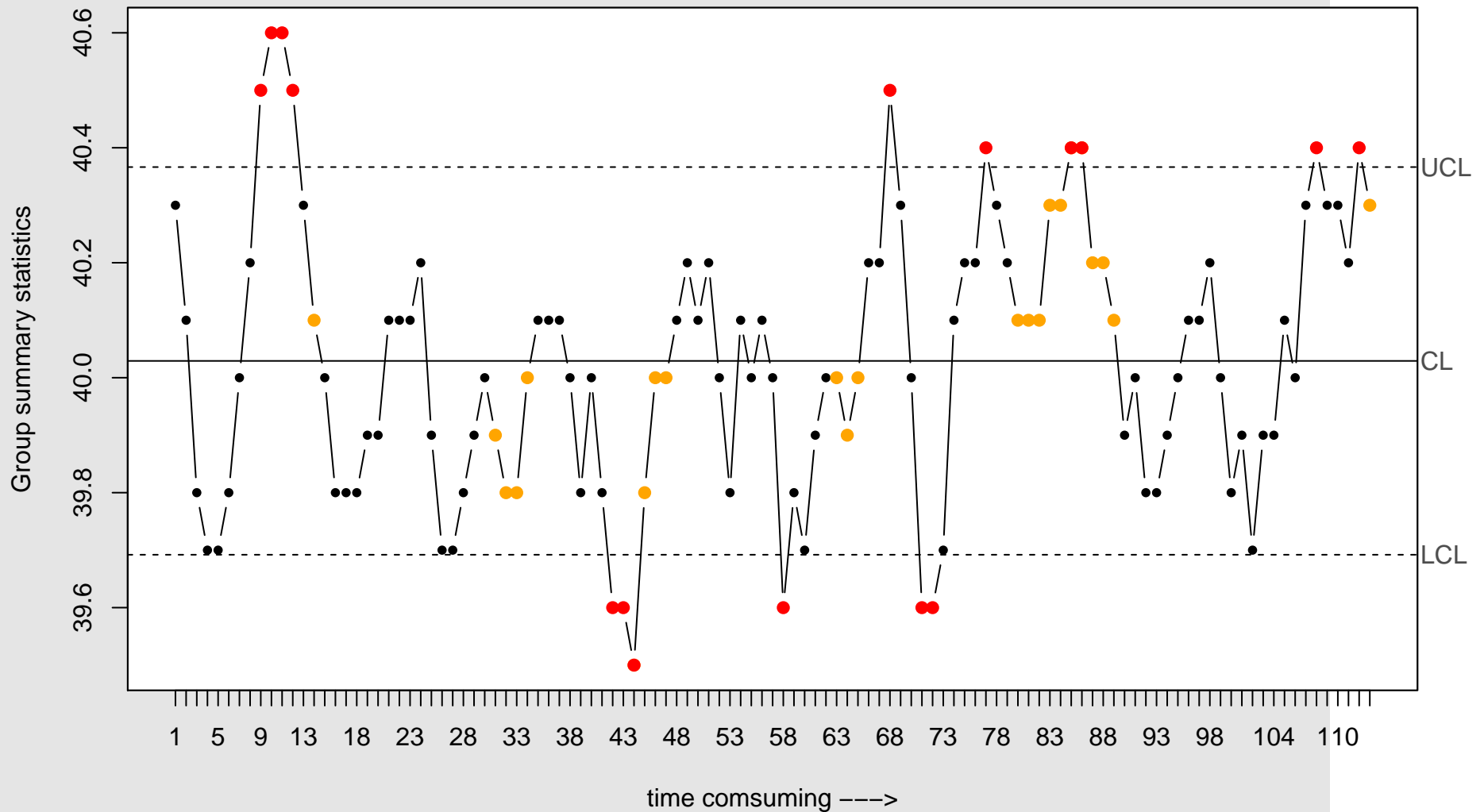
UCL = 40.42034

Number beyond limits = 12

Number violating runs = 19



## 202th column point of this product

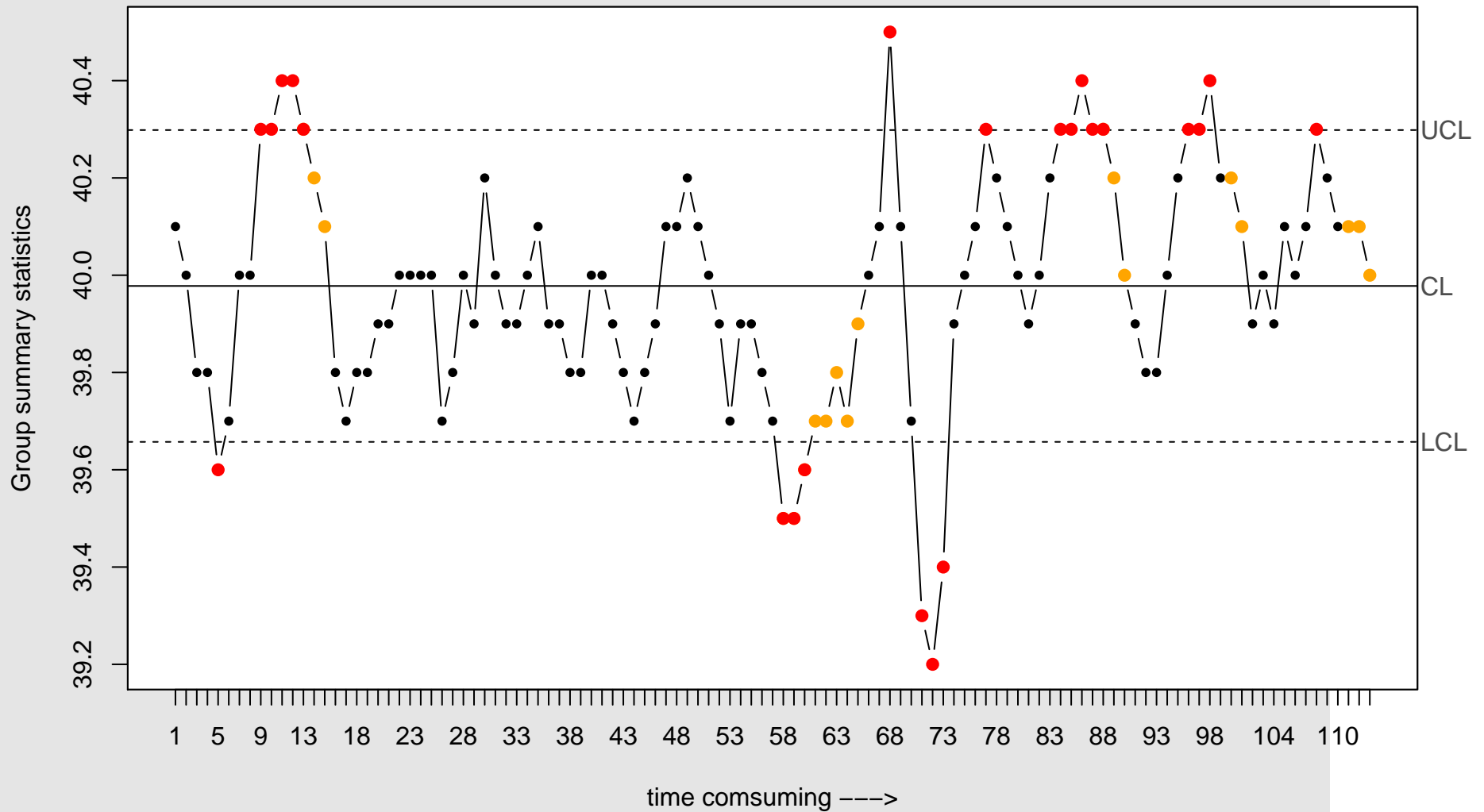


Number of groups = 113  
 Center = 40.0292  
 StdDev = 0.1123987

LCL = 39.69201  
 UCL = 40.3664

Number beyond limits = 16  
 Number violating runs = 23

## 203th column point of this product



Number of groups = 113

Center = 39.97788

StdDev = 0.1068579

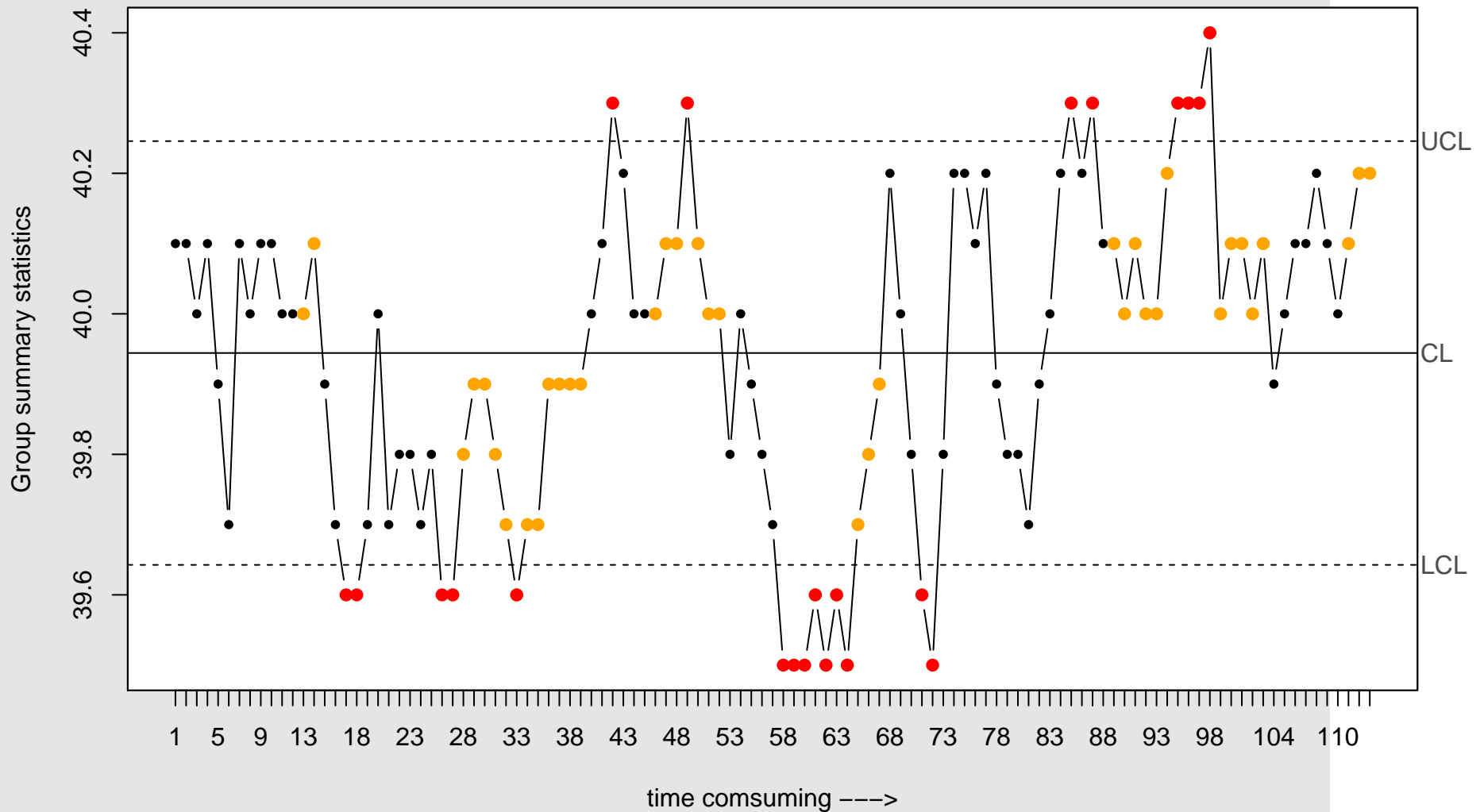
LCL = 39.6573

UCL = 40.29845

Number beyond limits = 23

Number violating runs = 19

## 204th column point of this product



Number of groups = 113

Center = 39.94425

StdDev = 0.1005256

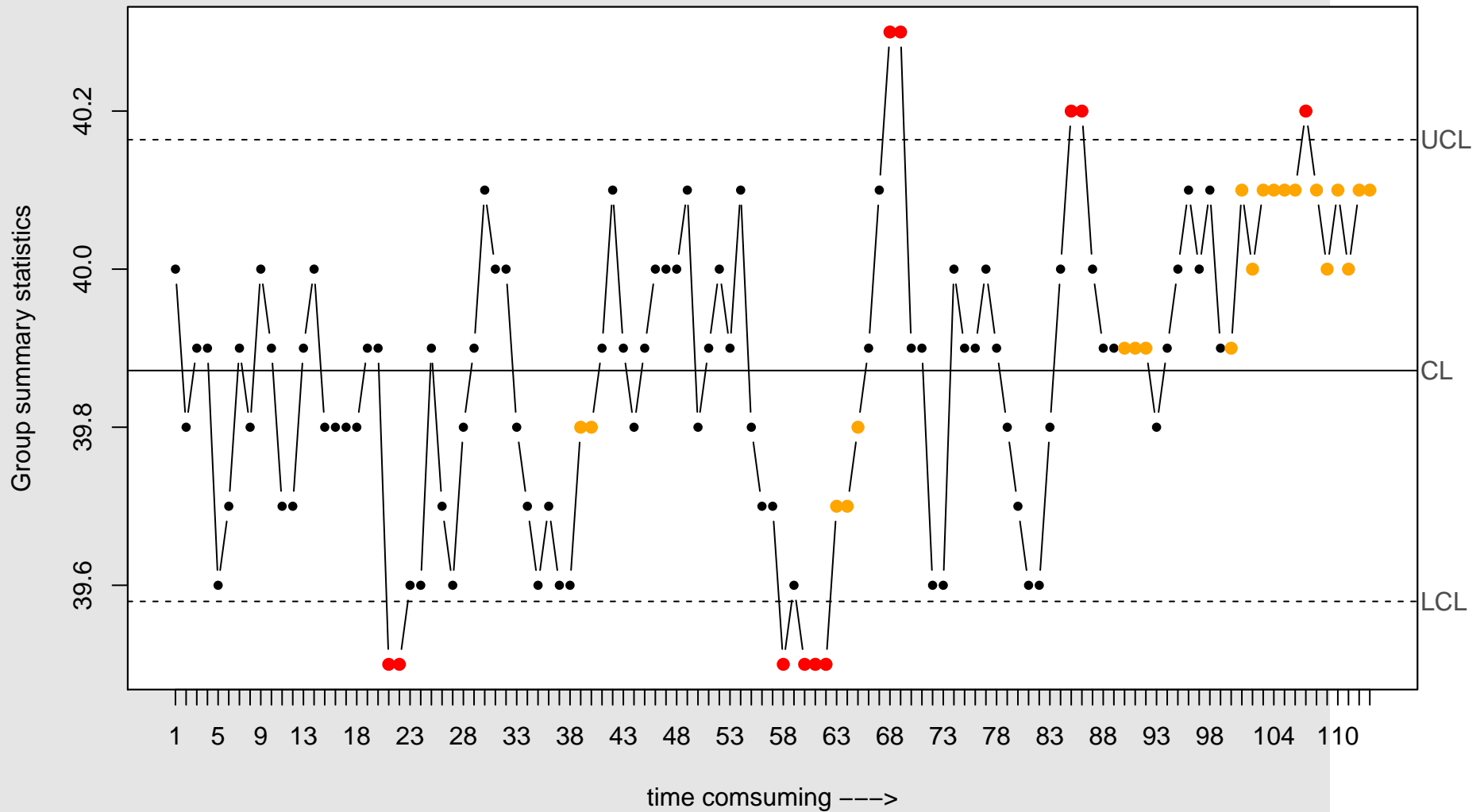
LCL = 39.64267

UCL = 40.24582

Number beyond limits = 22

Number violating runs = 47

## 205th column point of this product

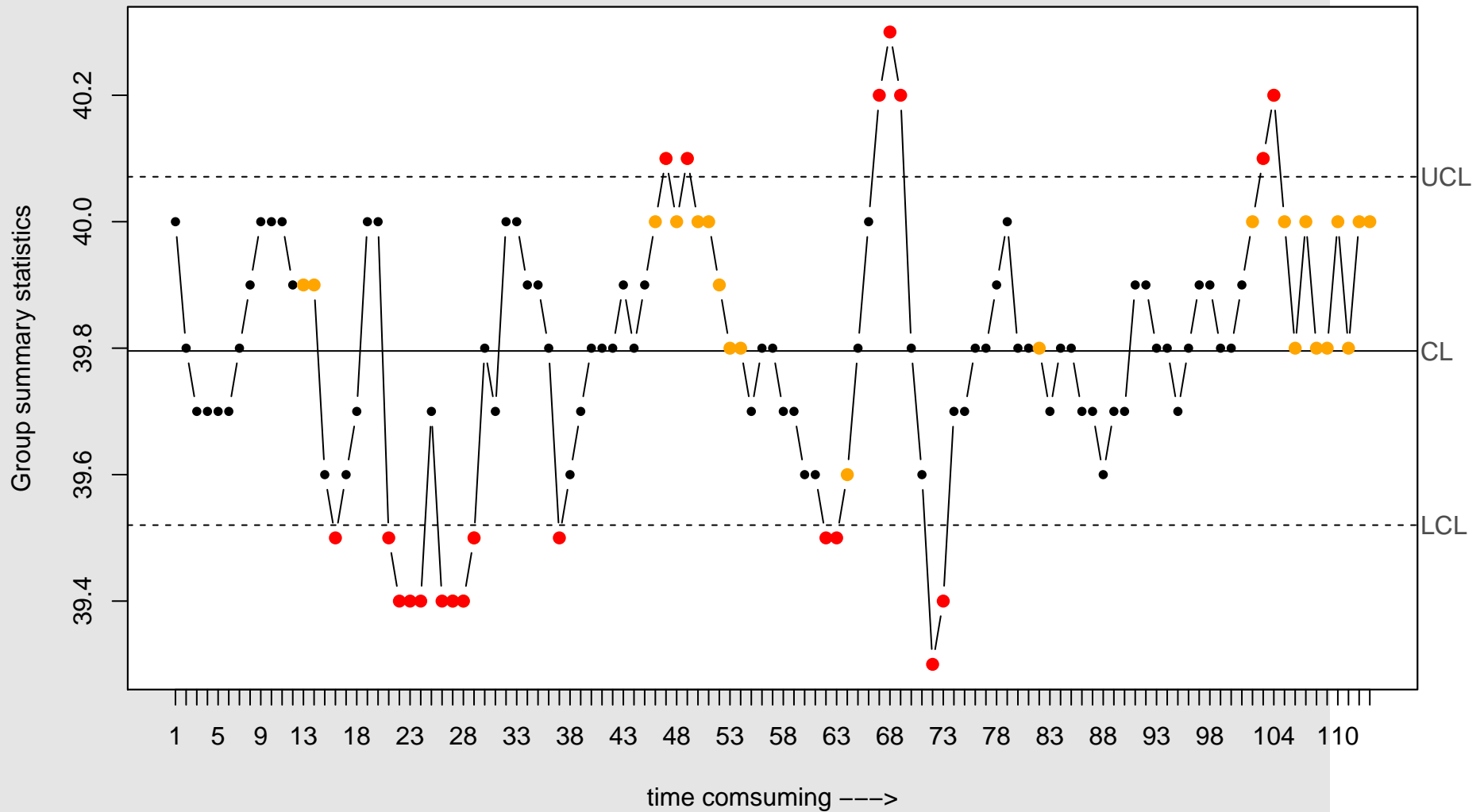


Number of groups = 113  
 Center = 39.87168  
 StdDev = 0.09735942

LCL = 39.5796  
 UCL = 40.16376

Number beyond limits = 11  
 Number violating runs = 24

## 206th column point of this product

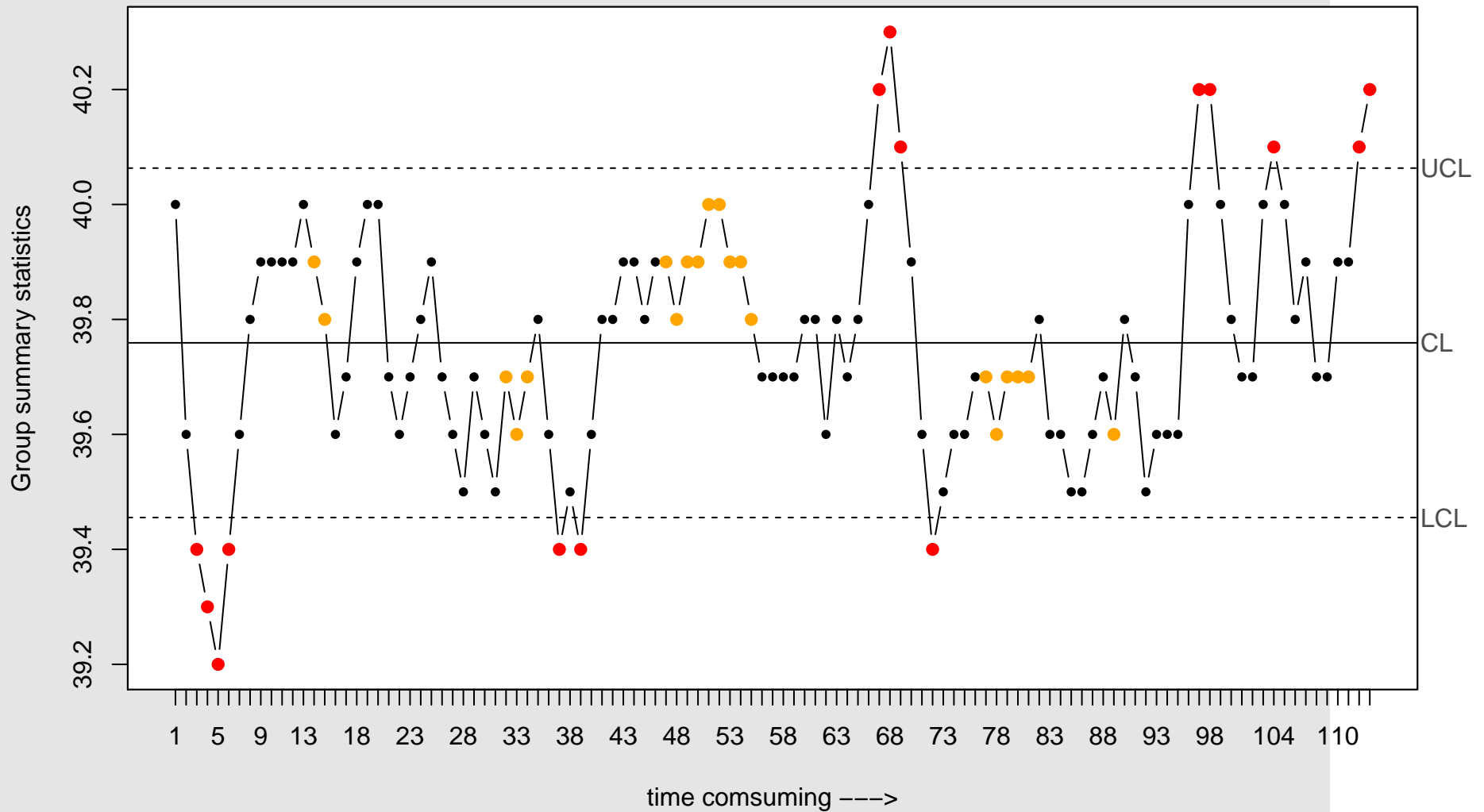


Number of groups = 113  
 Center = 39.79558  
 StdDev = 0.09181864

LCL = 39.52012  
 UCL = 40.07103

Number beyond limits = 21  
 Number violating runs = 28

## 207th column point of this product



Number of groups = 113

Center = 39.75929

StdDev = 0.1013171

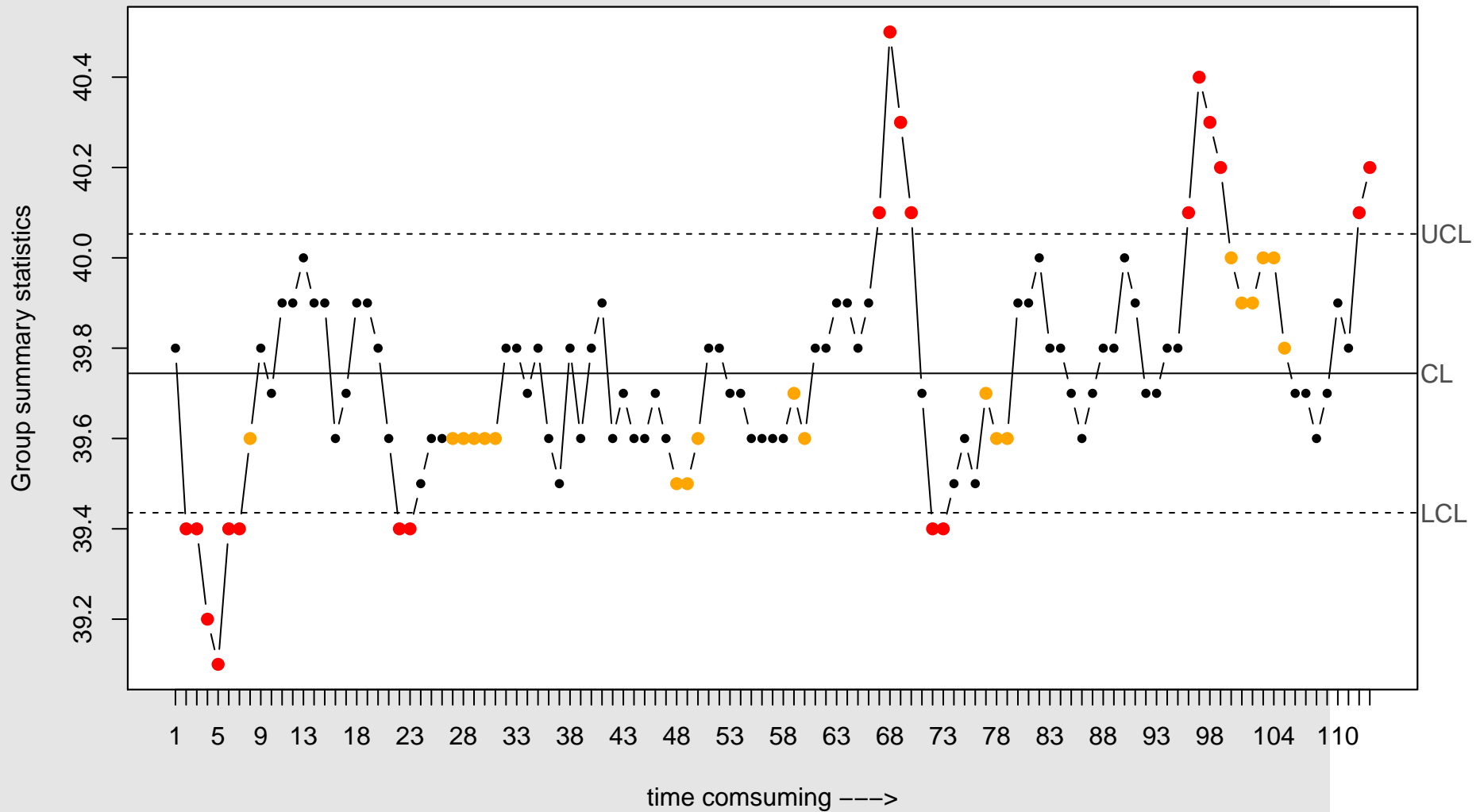
LCL = 39.45534

UCL = 40.06324

Number beyond limits = 15

Number violating runs = 20

## 208th column point of this product



Number of groups = 113

Center = 39.74425

StdDev = 0.1029002

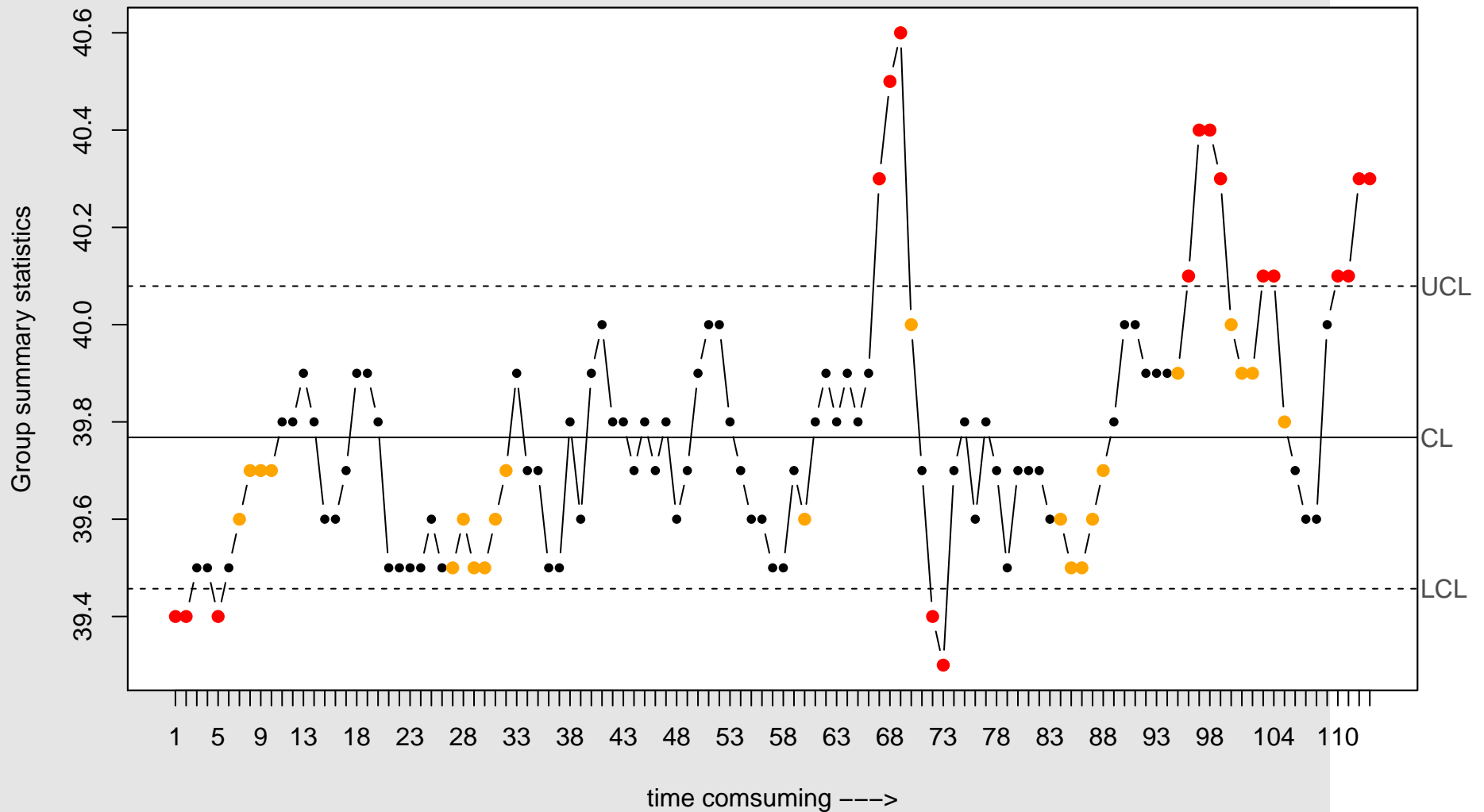
LCL = 39.43555

UCL = 40.05295

Number beyond limits = 20

Number violating runs = 24

## 209th column point of this product



Number of groups = 113

Center = 39.76814

StdDev = 0.1036917

LCL = 39.45707

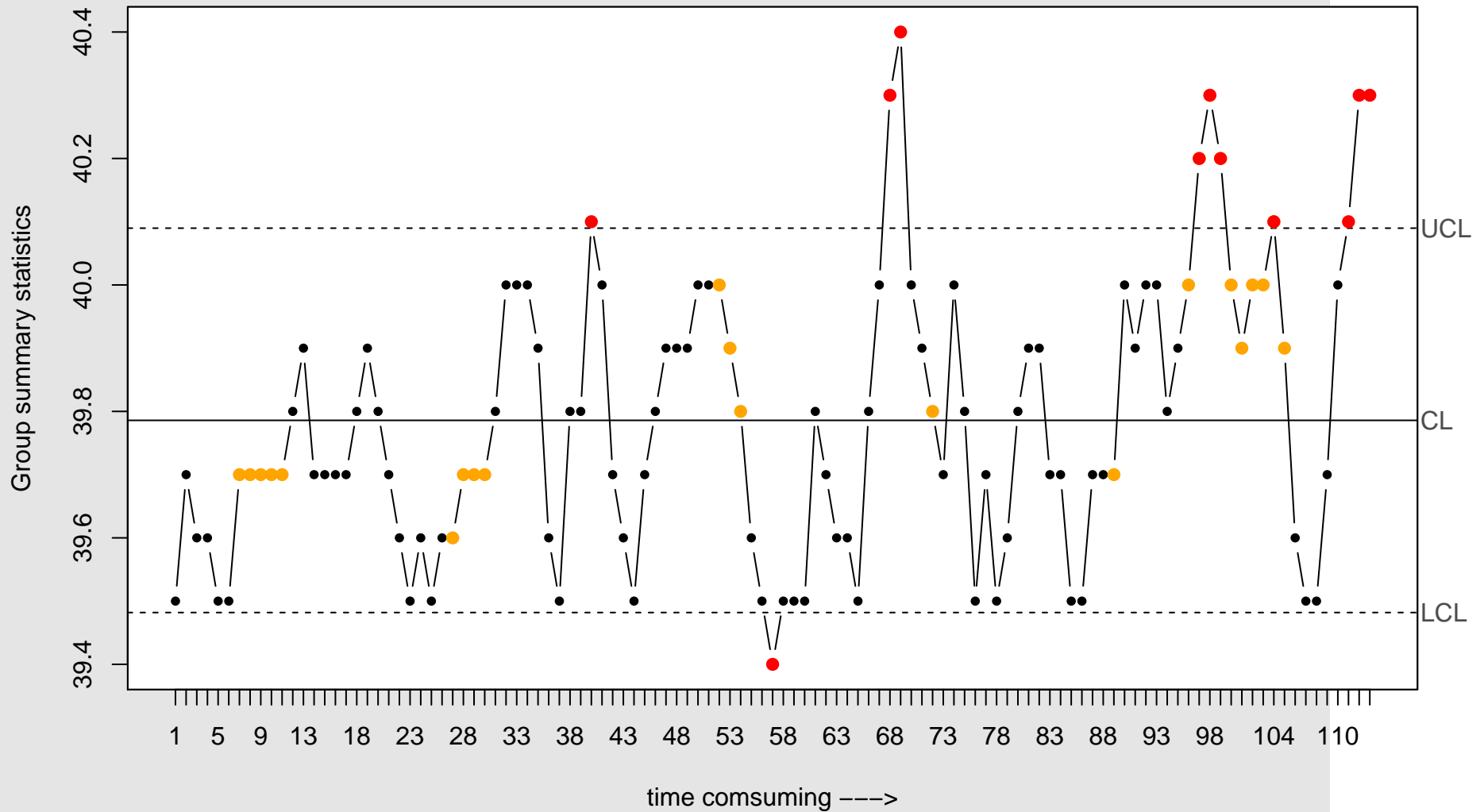
UCL = 40.07922

Number beyond limits = 18

Number violating runs = 31



## 210th column point of this product



Number of groups = 113

Center = 39.78584

StdDev = 0.1013171

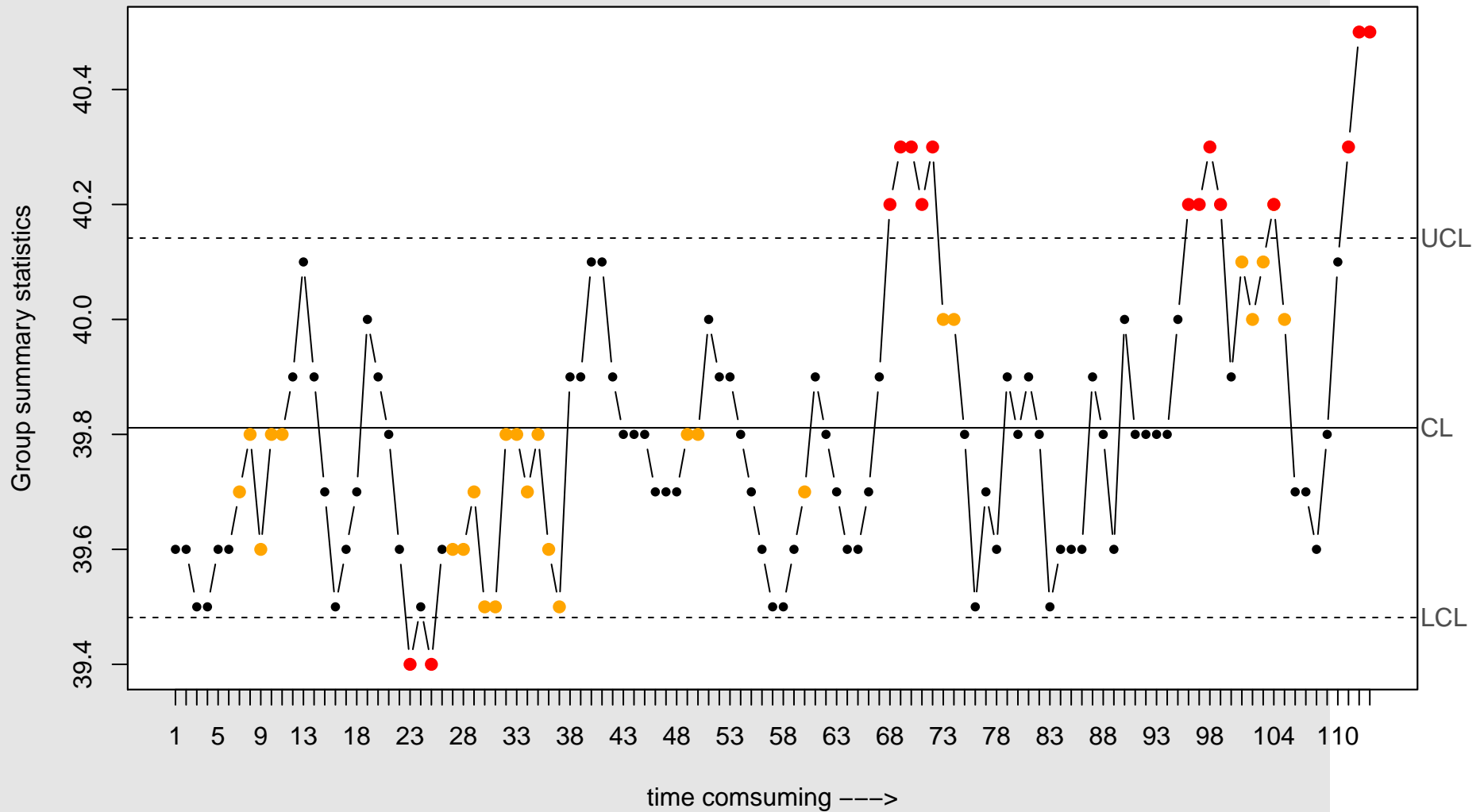
LCL = 39.48189

UCL = 40.08979

Number beyond limits = 11

Number violating runs = 24

## 211th column point of this product



Number of groups = 113

Center = 39.8115

StdDev = 0.1100241

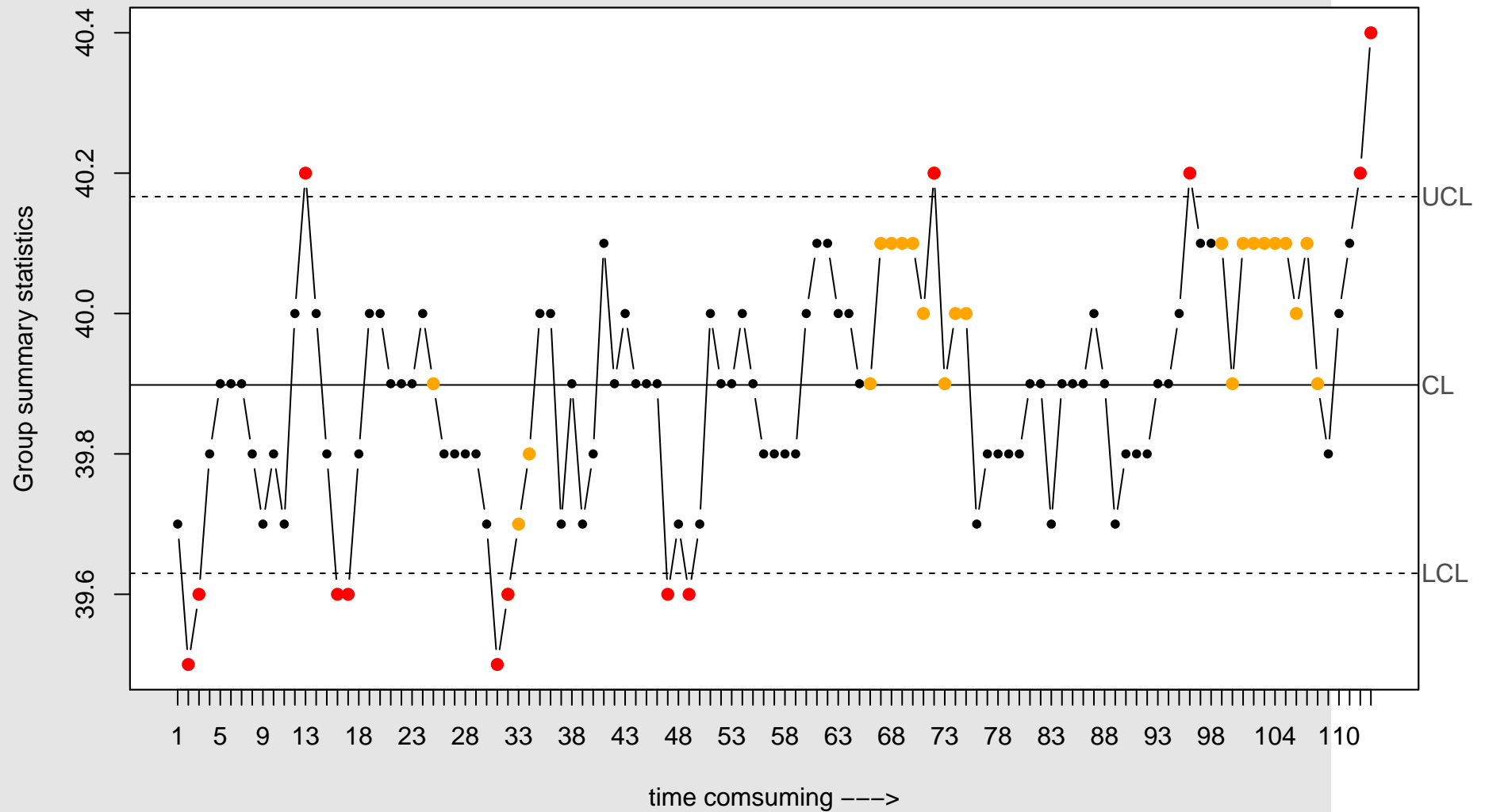
LCL = 39.48143

UCL = 40.14158

Number beyond limits = 15

Number violating runs = 26

## 212th column point of this product



Number of groups = 113

Center = 39.89823

StdDev = 0.08944402

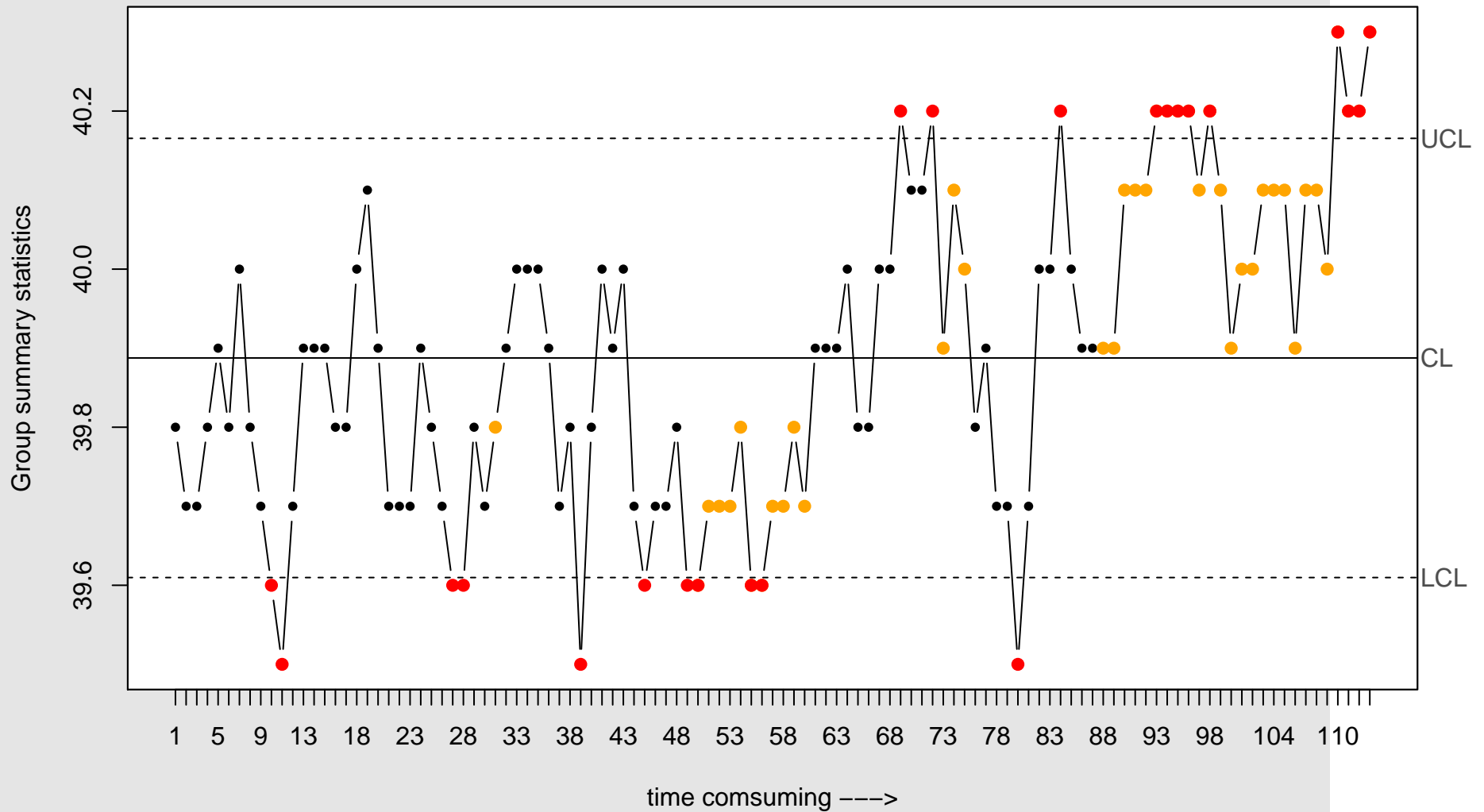
LCL = 39.6299

UCL = 40.16656

Number beyond limits = 13

Number violating runs = 24

## 213th column point of this product



Number of groups = 113

Center = 39.88761

StdDev = 0.09261018

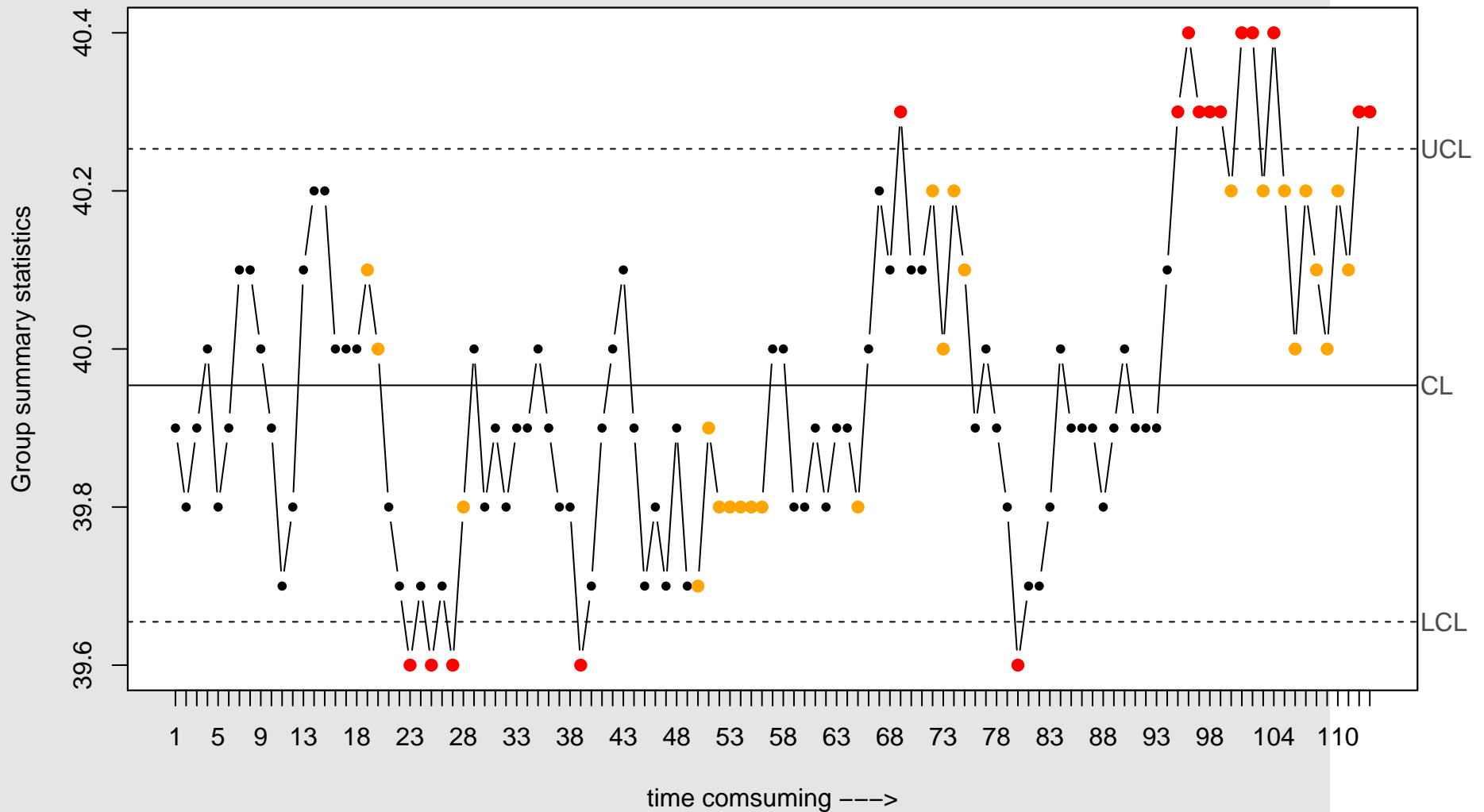
LCL = 39.60978

UCL = 40.16544

Number beyond limits = 23

Number violating runs = 41

## 214th column point of this product

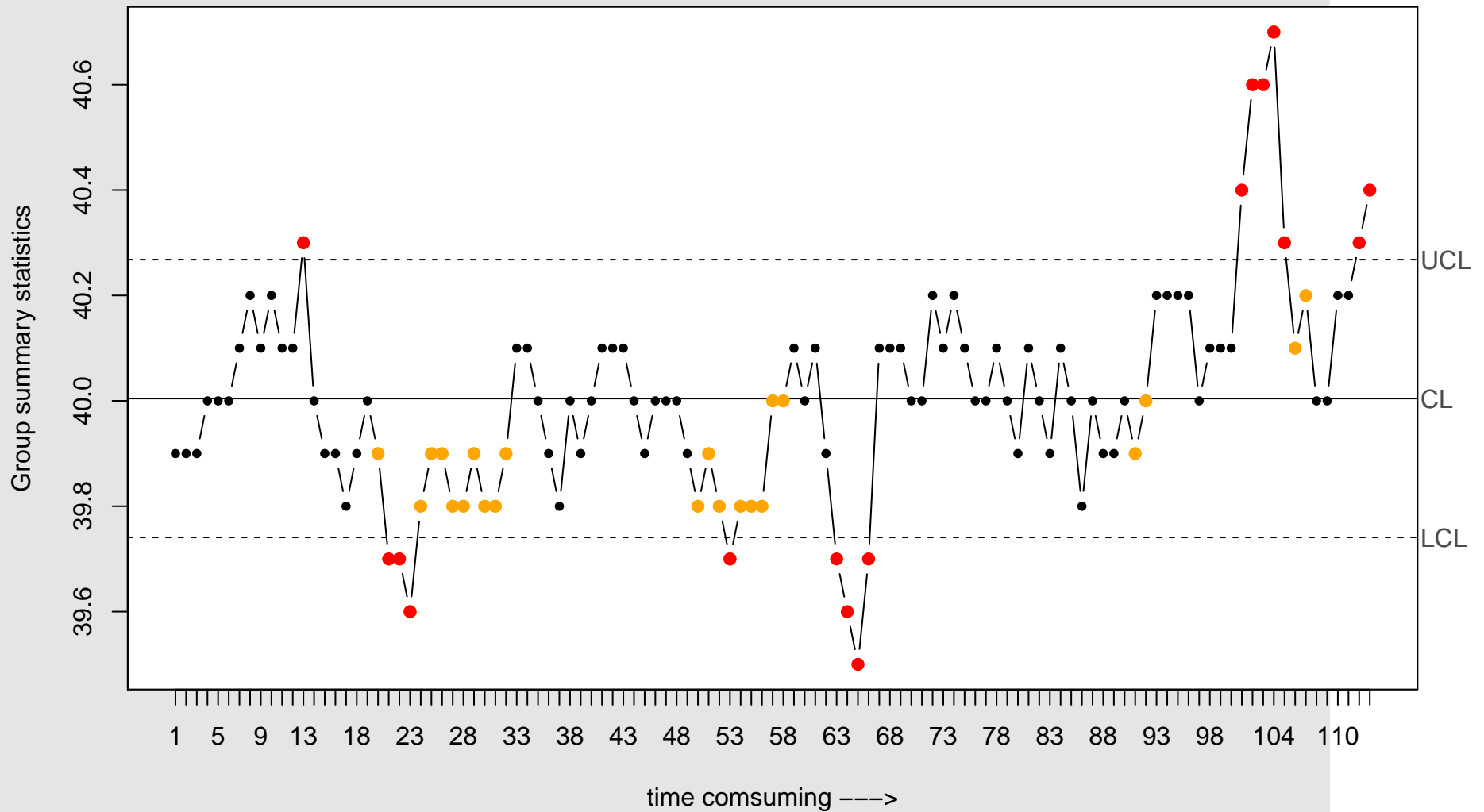


Number of groups = 113  
 Center = 39.95398  
 StdDev = 0.09973404

LCL = 39.65478  
 UCL = 40.25318

Number beyond limits = 16  
 Number violating runs = 30

## 215th column point of this product

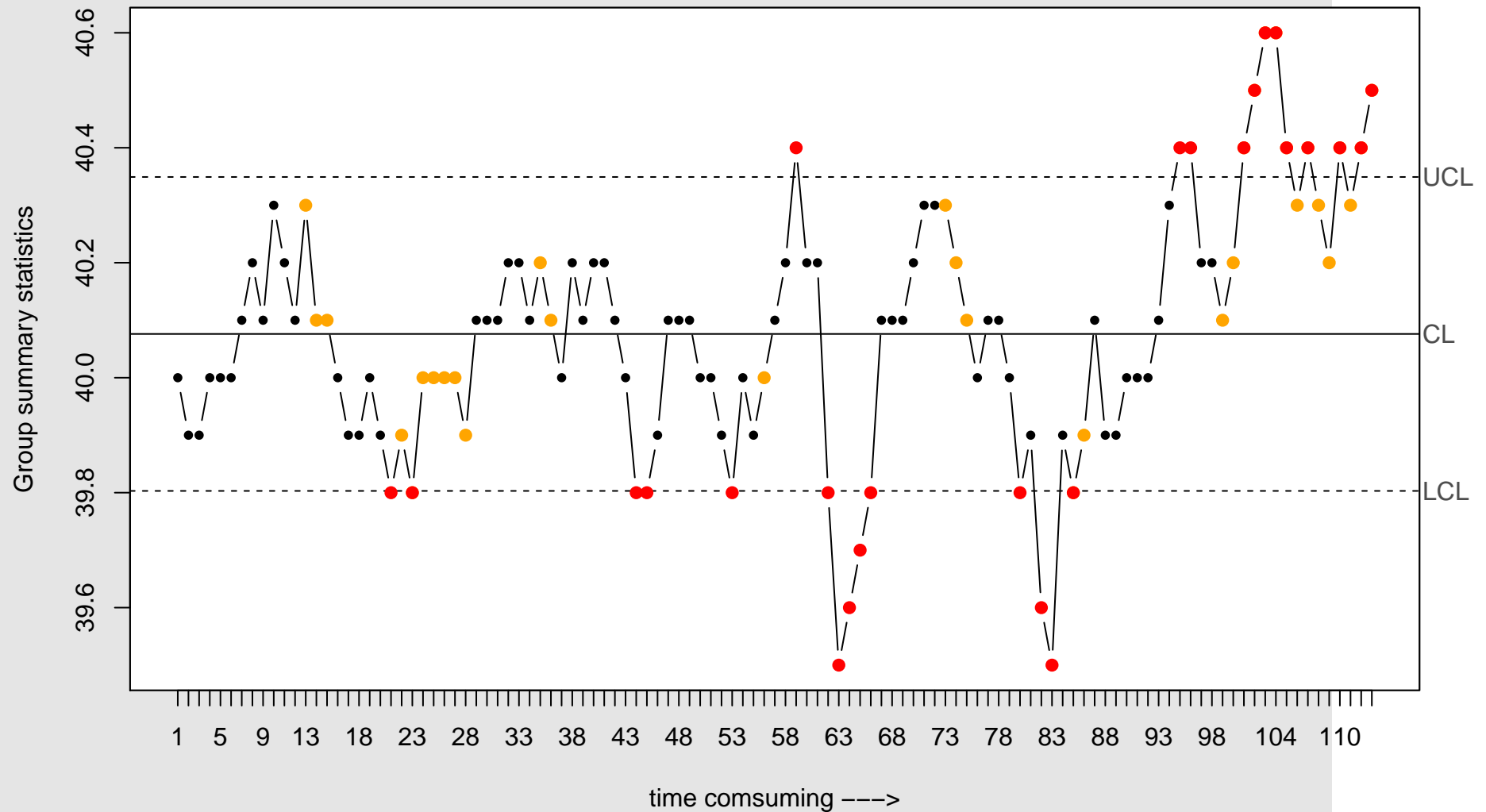


Number of groups = 113  
 Center = 40.00442  
 StdDev = 0.08786094

LCL = 39.74084  
 UCL = 40.26801

Number beyond limits = 16  
 Number violating runs = 29

## 216th column point of this product



Number of groups = 113

Center = 40.07611

StdDev = 0.0910271

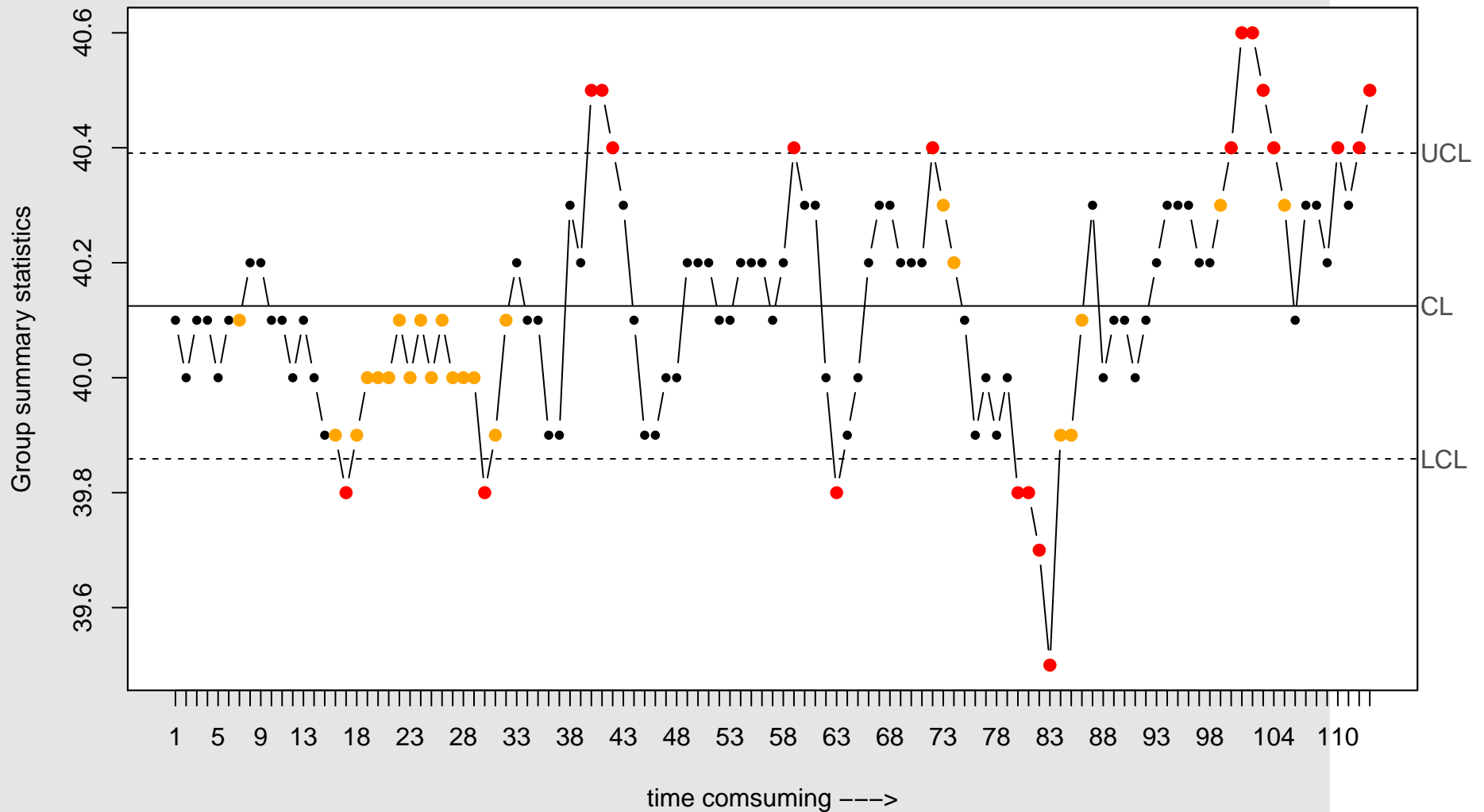
LCL = 39.80302

UCL = 40.34919

Number beyond limits = 26

Number violating runs = 33

## 217th column point of this product



Number of groups = 113

Center = 40.12478

StdDev = 0.08865248

LCL = 39.85882

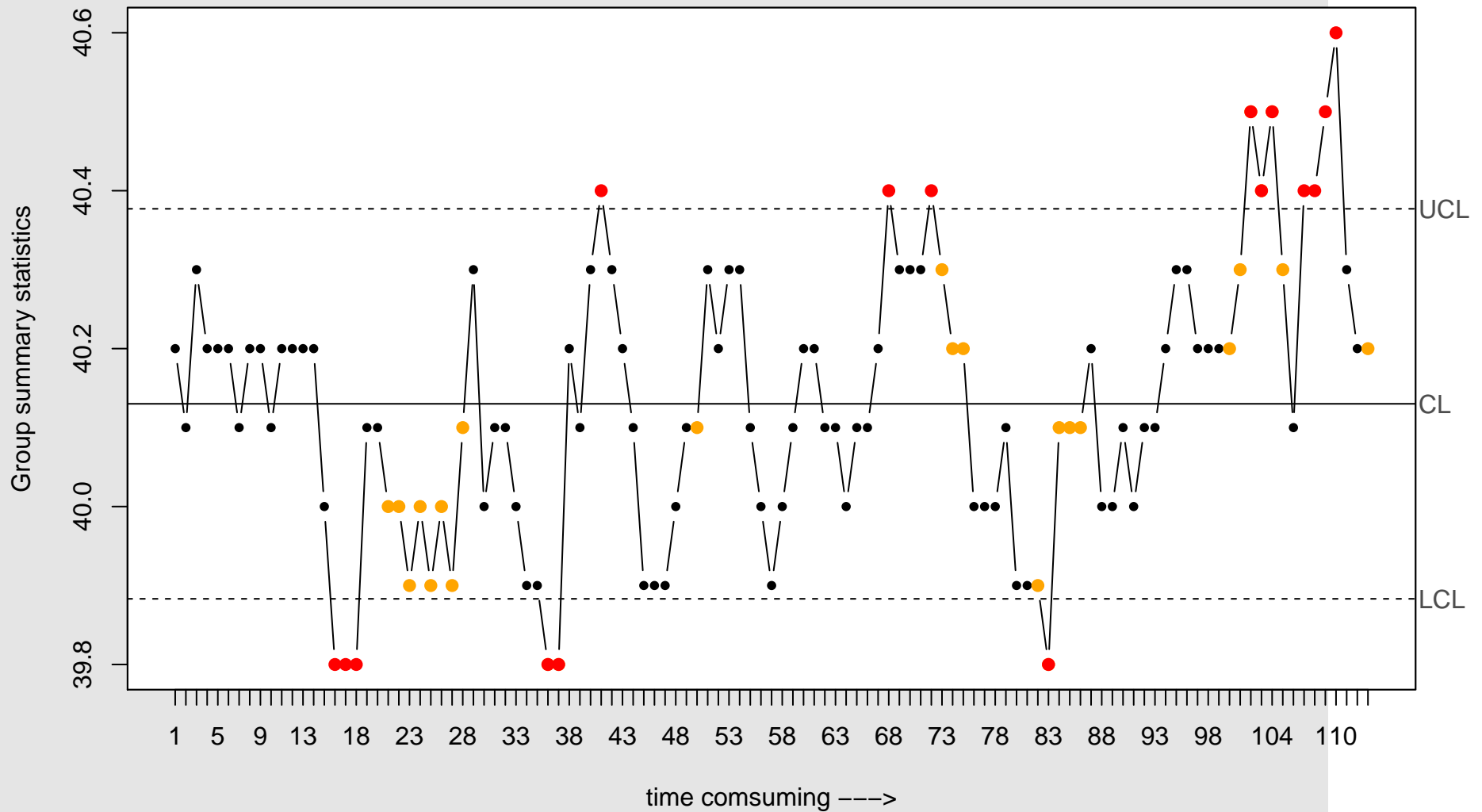
UCL = 40.39074

Number beyond limits = 20

Number violating runs = 35



## 218th column point of this product

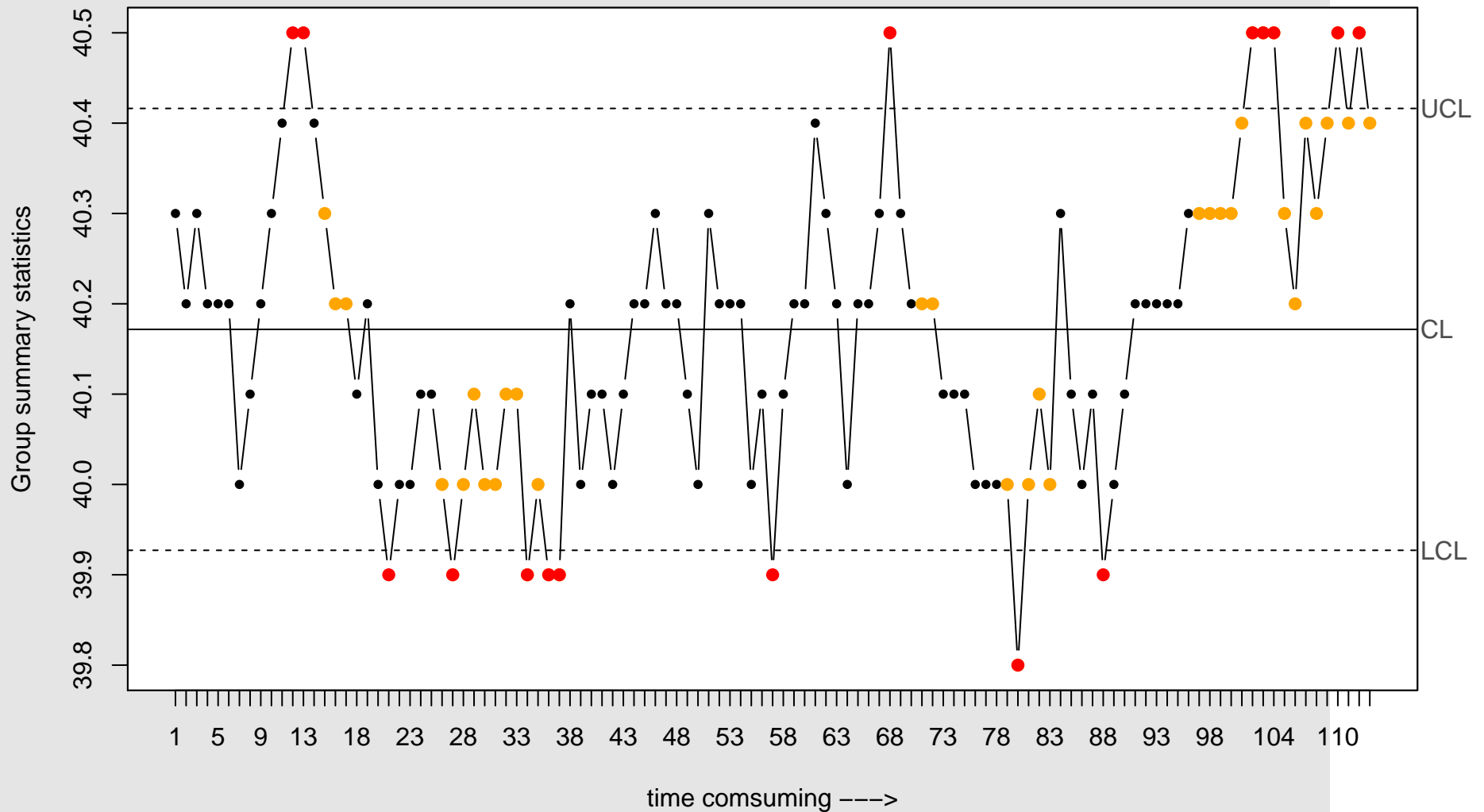


Number of groups = 113  
 Center = 40.13009  
 StdDev = 0.08232016

LCL = 39.88313  
 UCL = 40.37705

Number beyond limits = 16  
 Number violating runs = 26

## 219th column point of this product



Number of groups = 113

Center = 40.17168

StdDev = 0.08152862

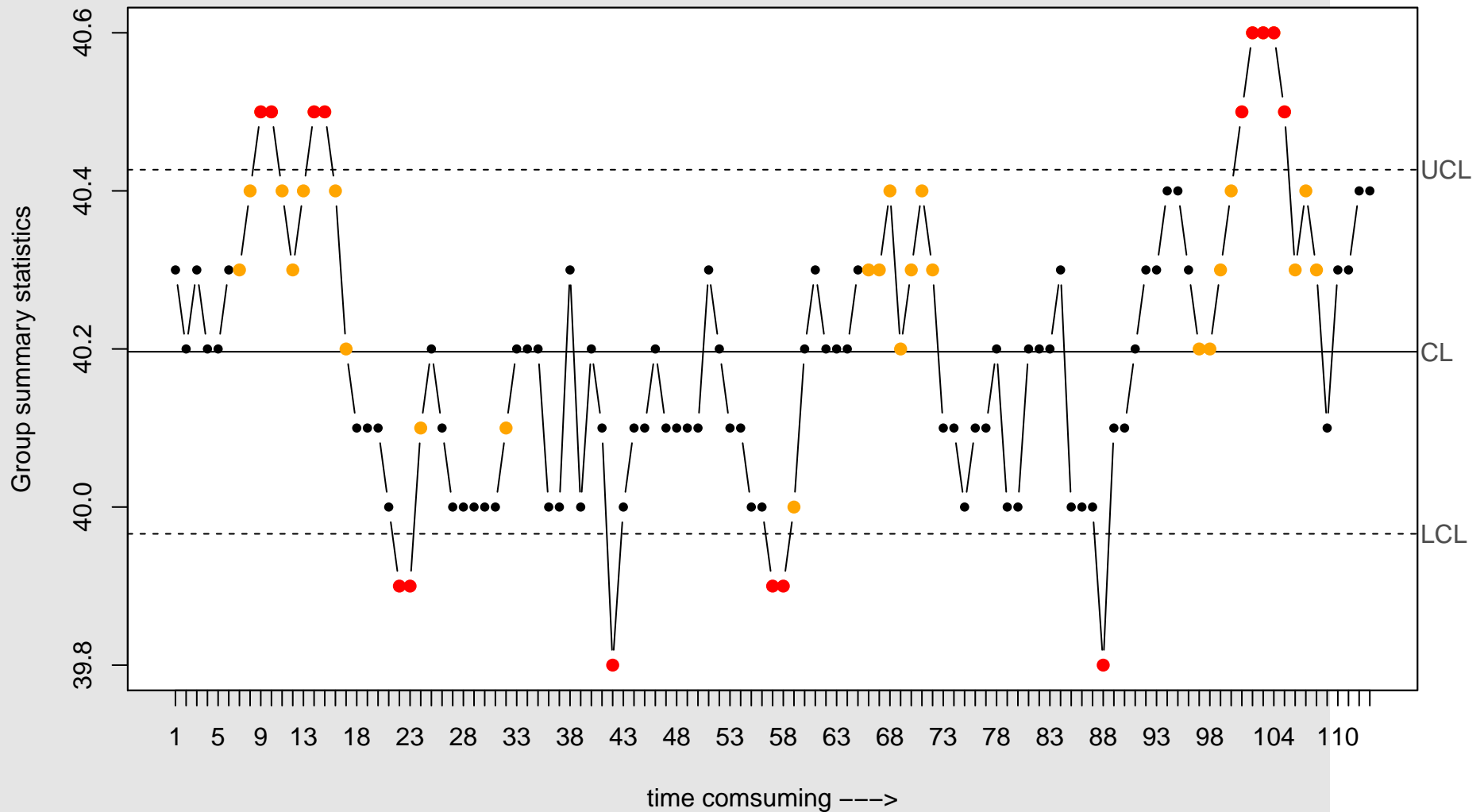
LCL = 39.9271

UCL = 40.41627

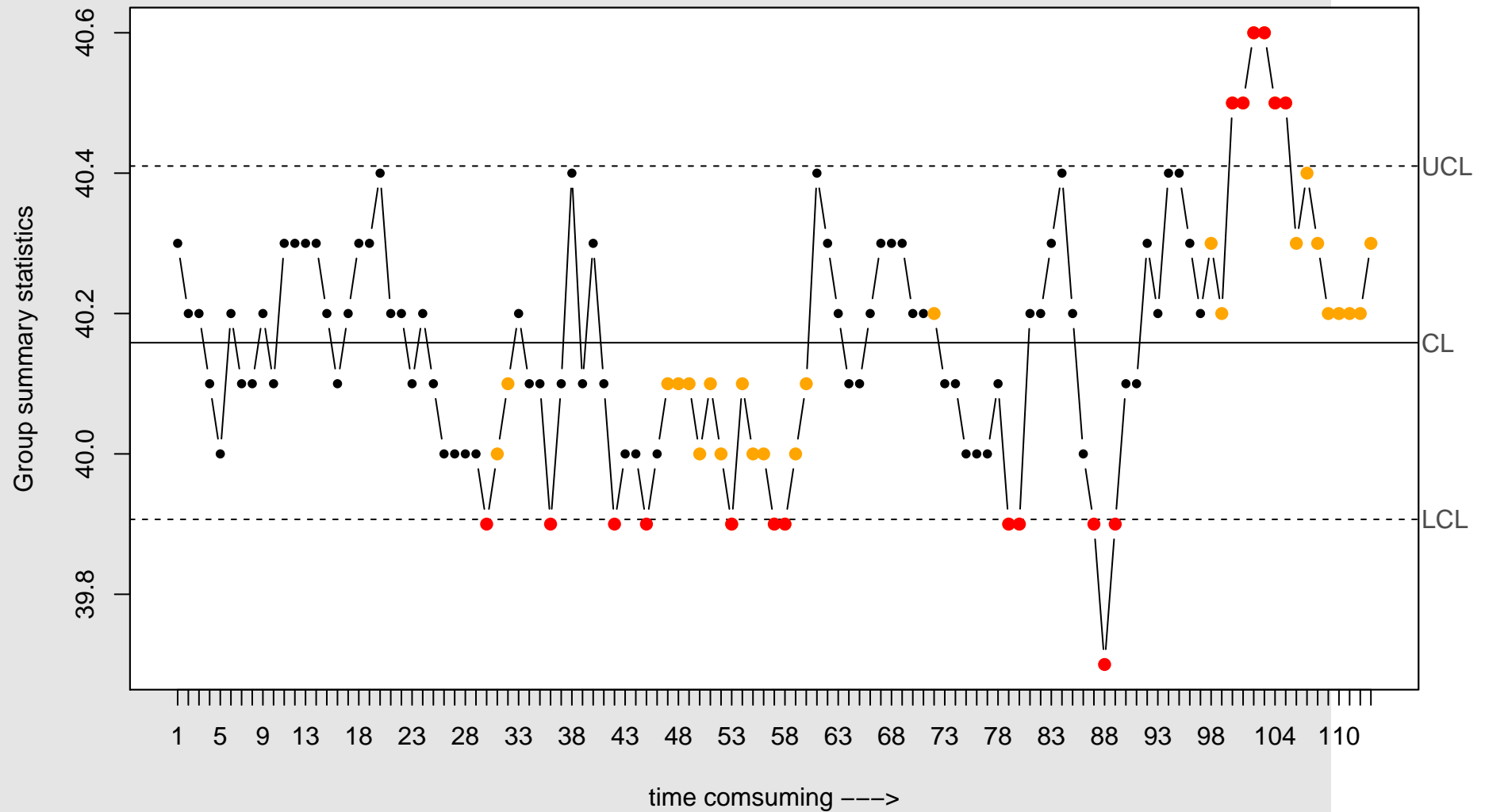
Number beyond limits = 16

Number violating runs = 39

## 220th column point of this product



## 221th column point of this product

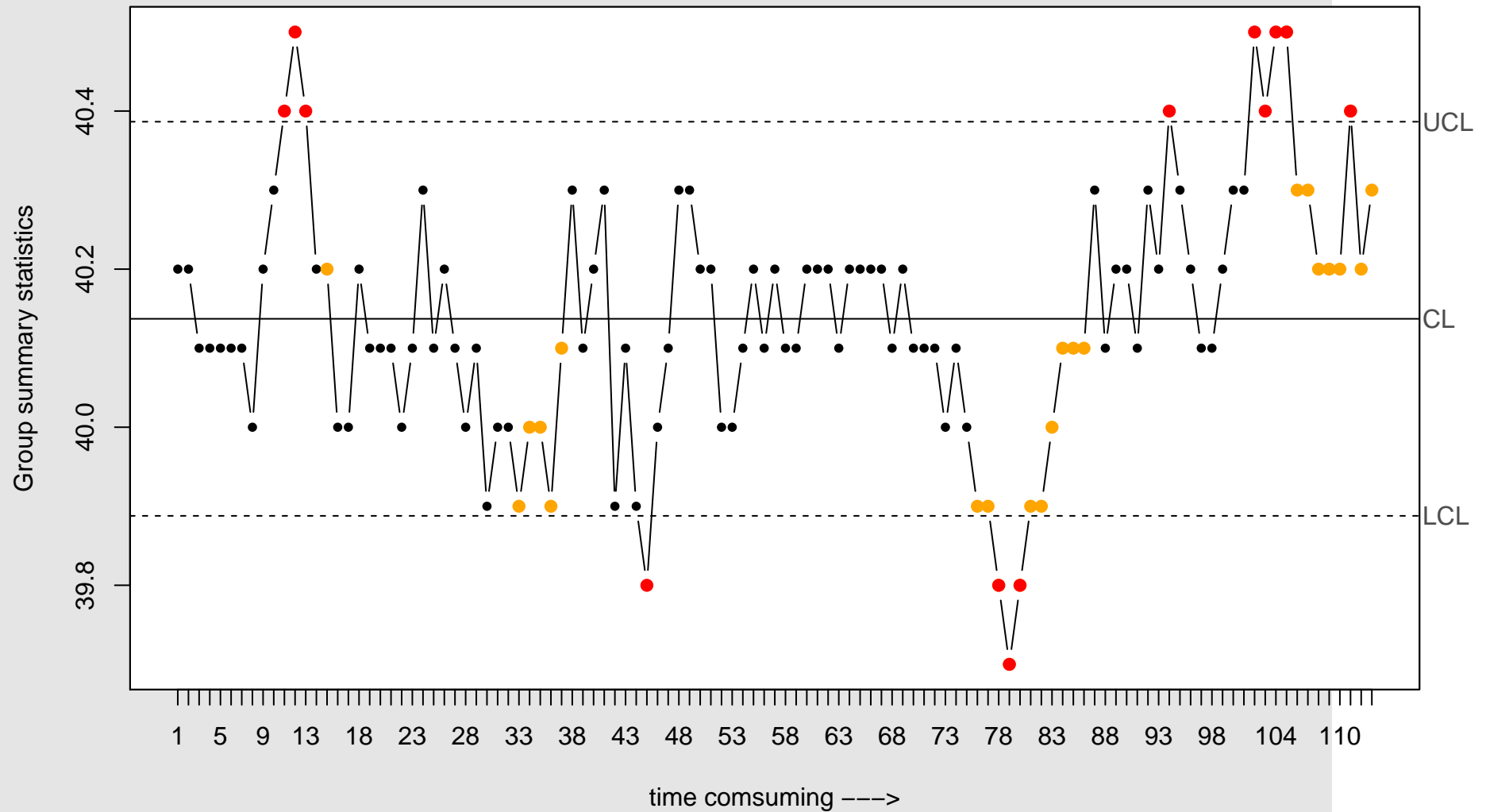


Number of groups = 113  
 Center = 40.15841  
 StdDev = 0.08390324

LCL = 39.9067  
 UCL = 40.41012

Number beyond limits = 18  
 Number violating runs = 35

## 222th column point of this product

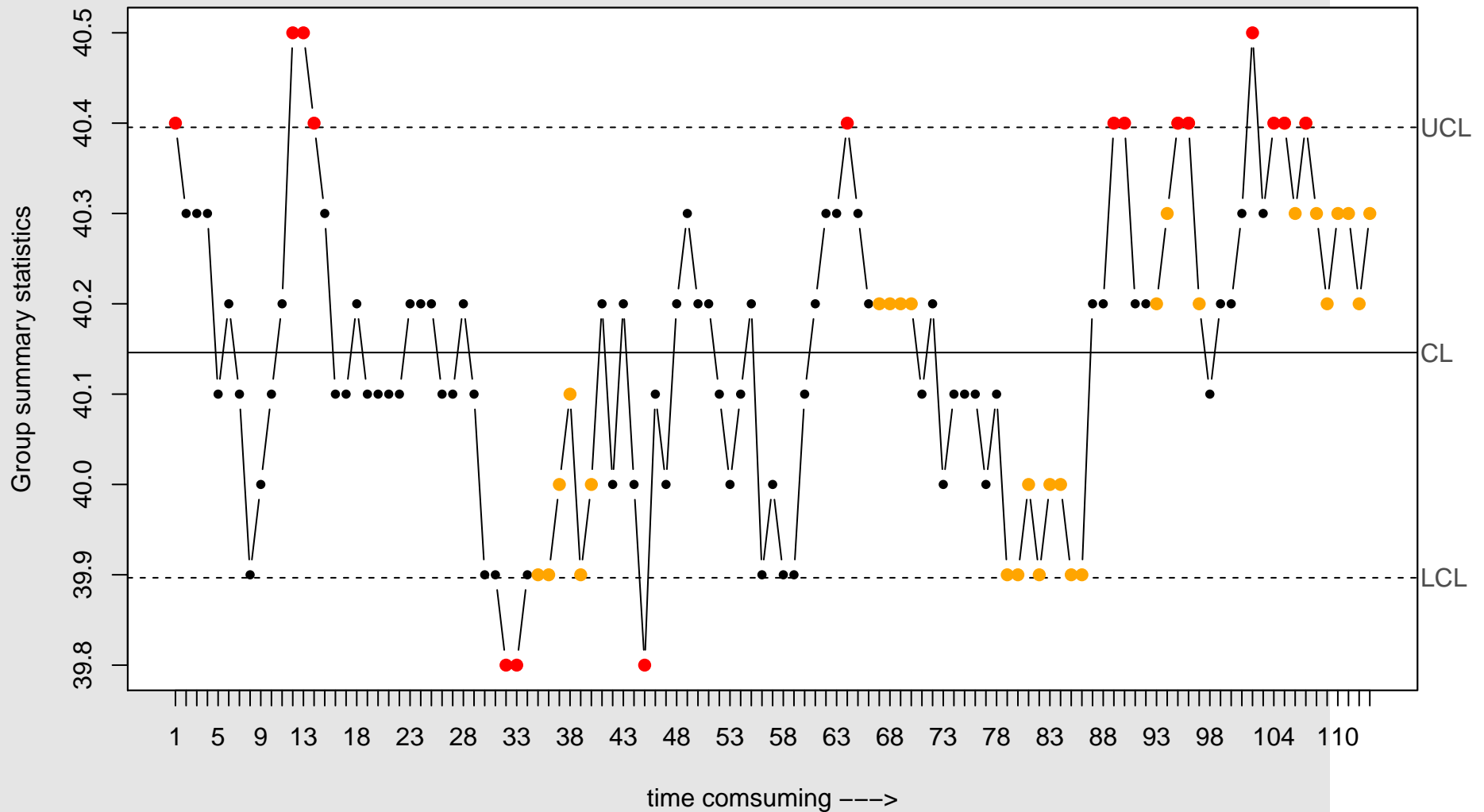


Number of groups = 113  
 Center = 40.13717  
 StdDev = 0.0831117

LCL = 39.88783  
 UCL = 40.3865

Number beyond limits = 13  
 Number violating runs = 26

## 223th column point of this product



Number of groups = 113

Center = 40.14602

StdDev = 0.0831117

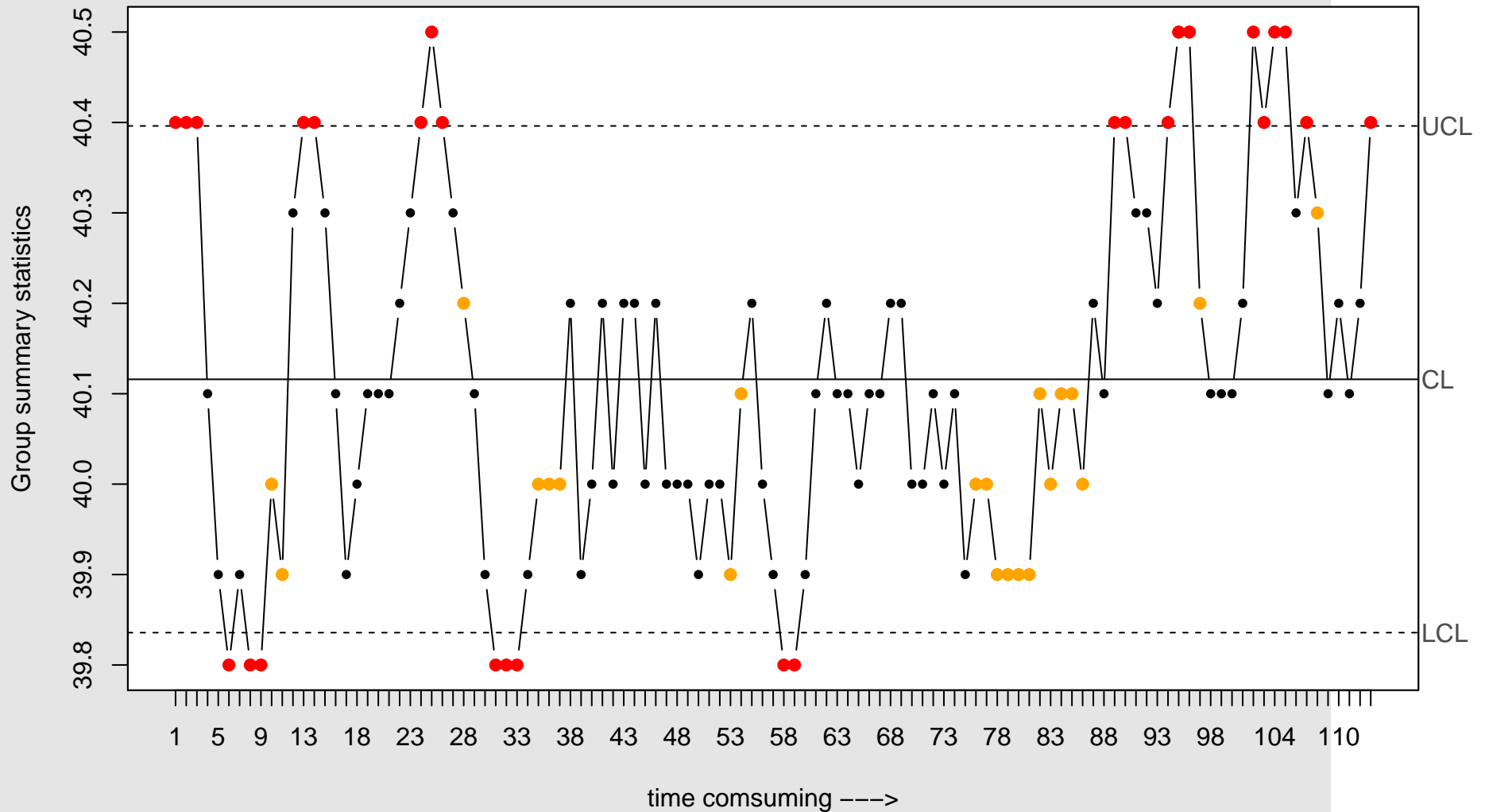
LCL = 39.89668

UCL = 40.39535

Number beyond limits = 16

Number violating runs = 32

## 224th column point of this product



Number of groups = 113

Center = 40.11593

StdDev = 0.09340172

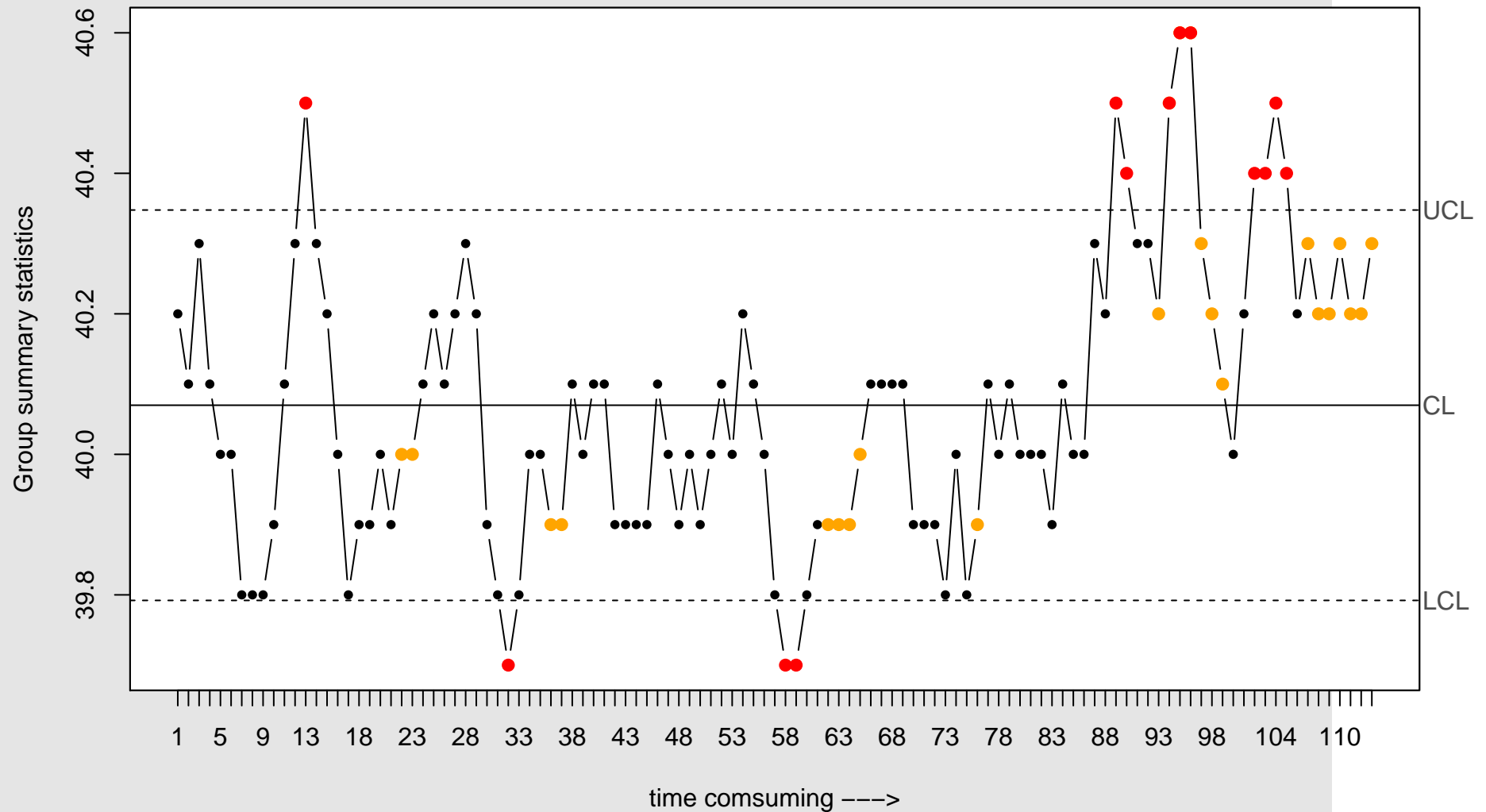
LCL = 39.83572

UCL = 40.39613

Number beyond limits = 27

Number violating runs = 24

## 225th column point of this product



Number of groups = 113

Center = 40.06991

StdDev = 0.09261018

LCL = 39.79208

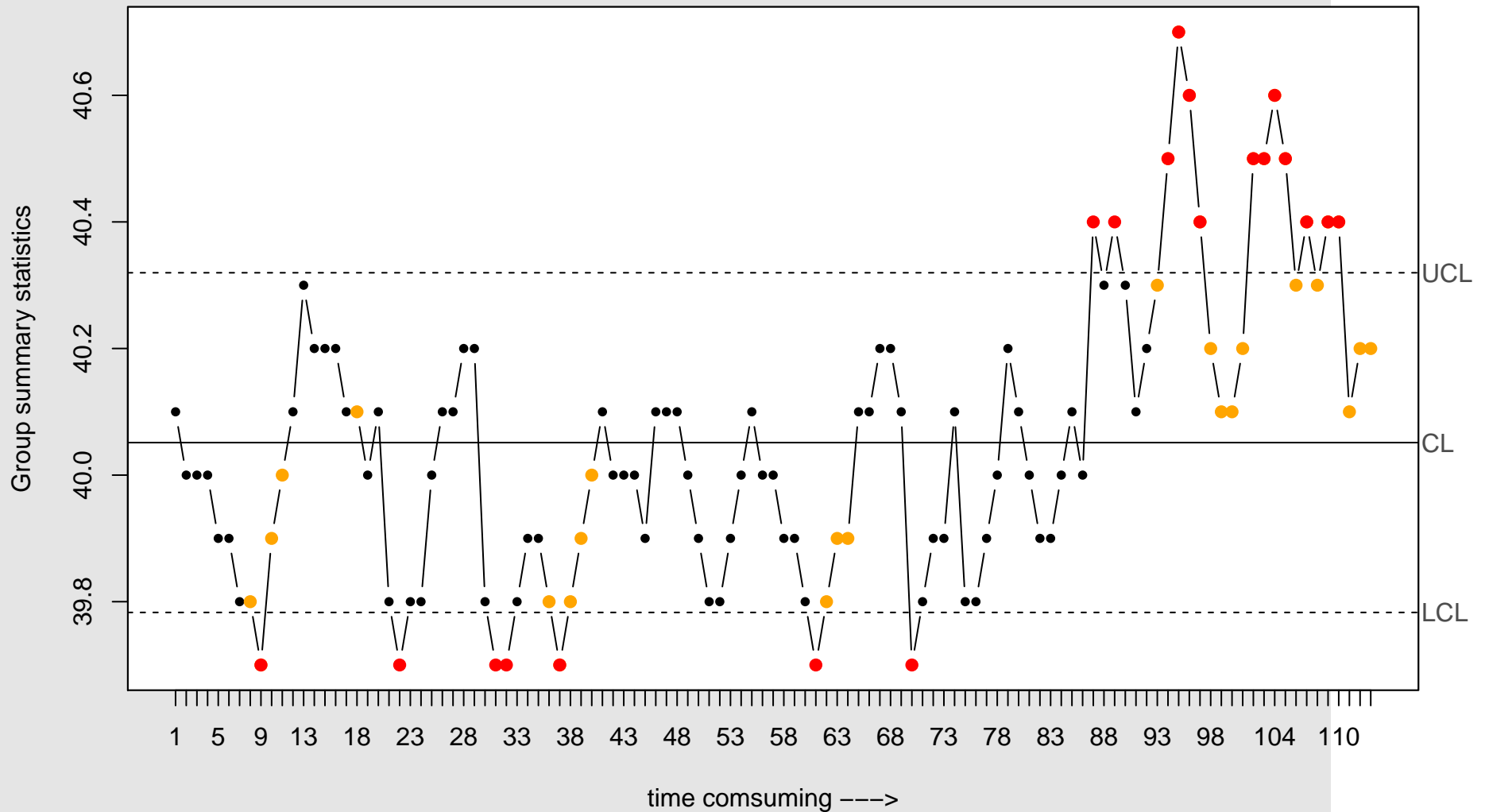
UCL = 40.34774

Number beyond limits = 13

Number violating runs = 23



## 226th column point of this product



Number of groups = 113

Center = 40.05133

StdDev = 0.08944402

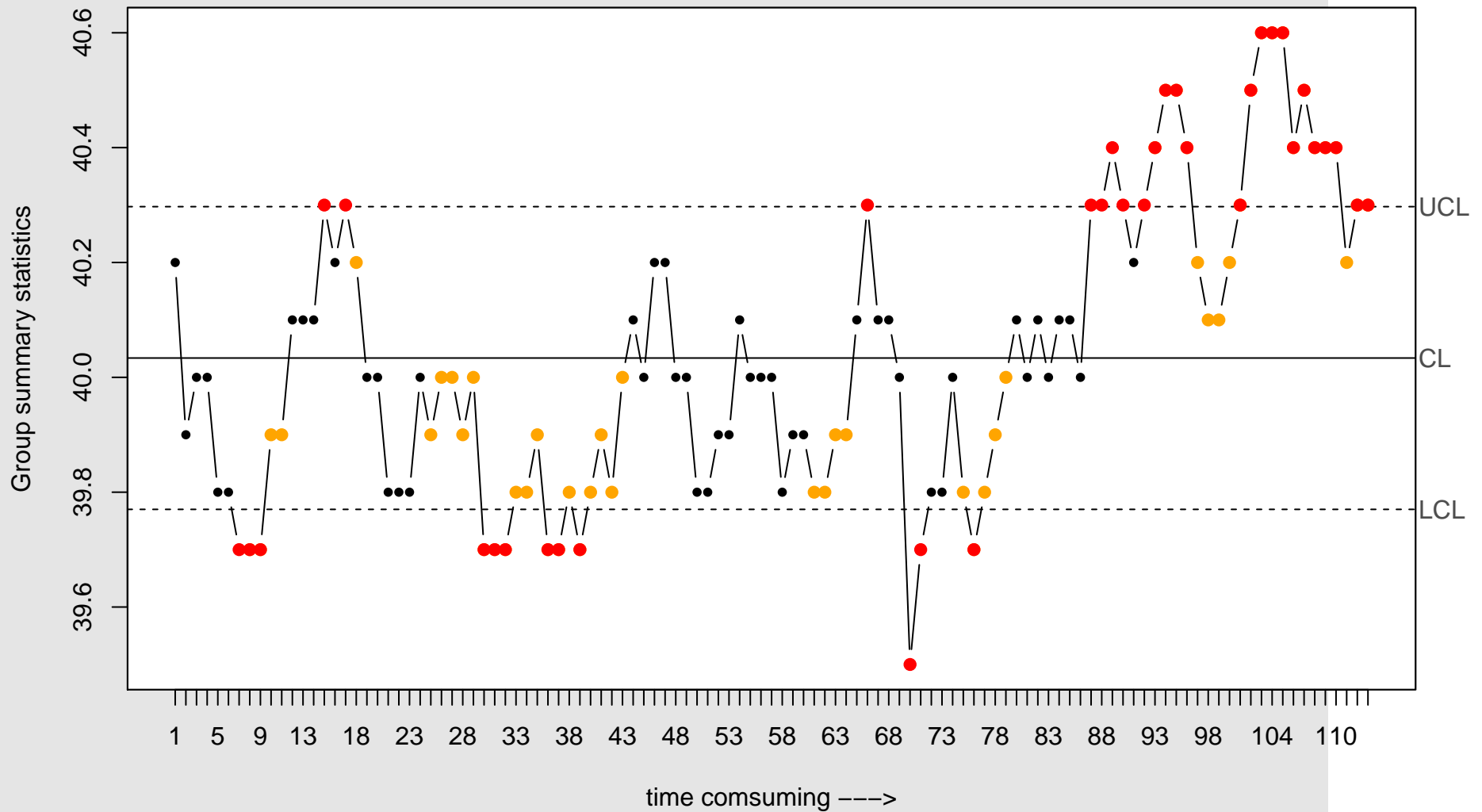
LCL = 39.783

UCL = 40.3166

Number beyond limits = 20

Number violating runs = 34

## 227th column point of this product



Number of groups = 113

Center = 40.03363

StdDev = 0.08786094

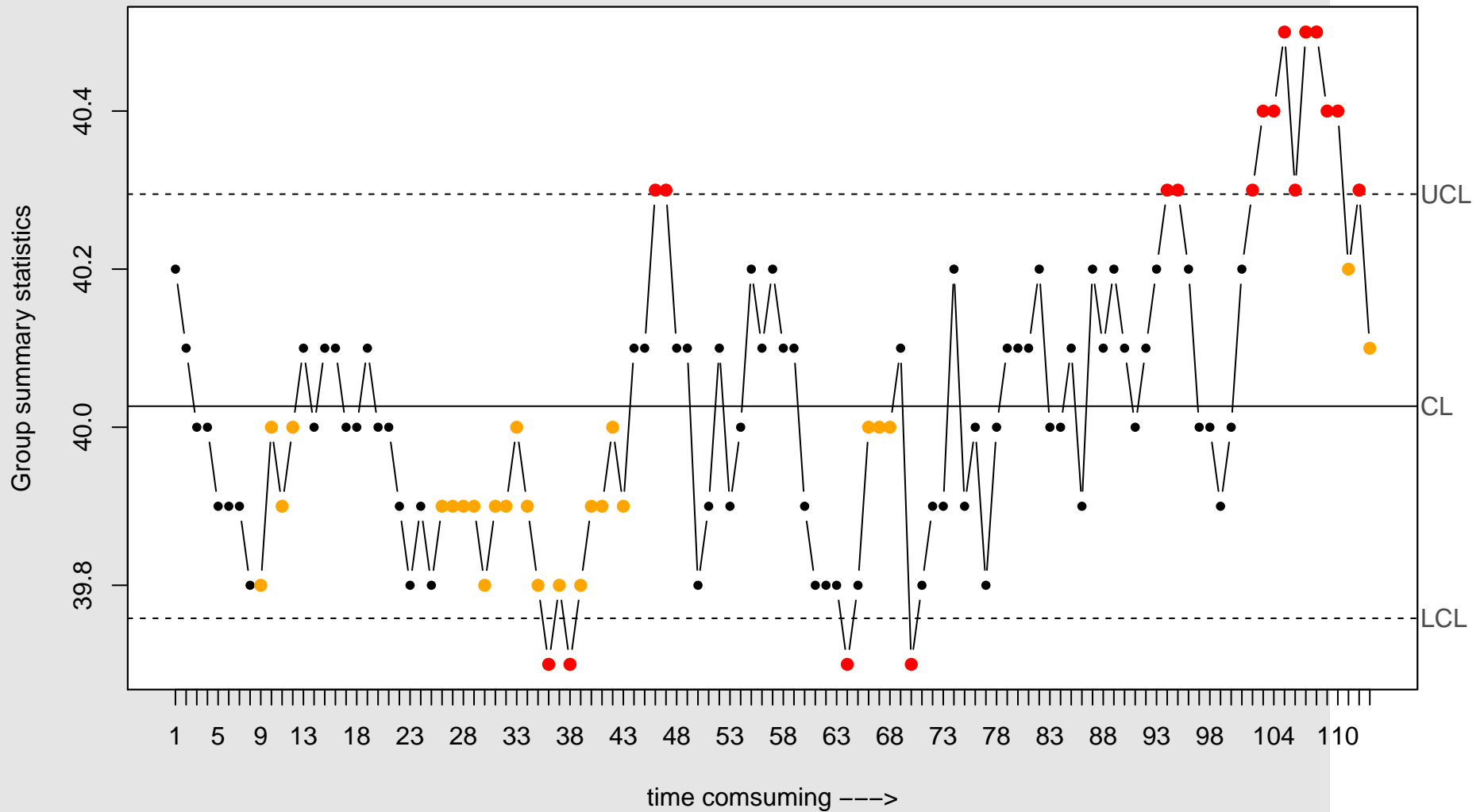
LCL = 39.77005

UCL = 40.29721

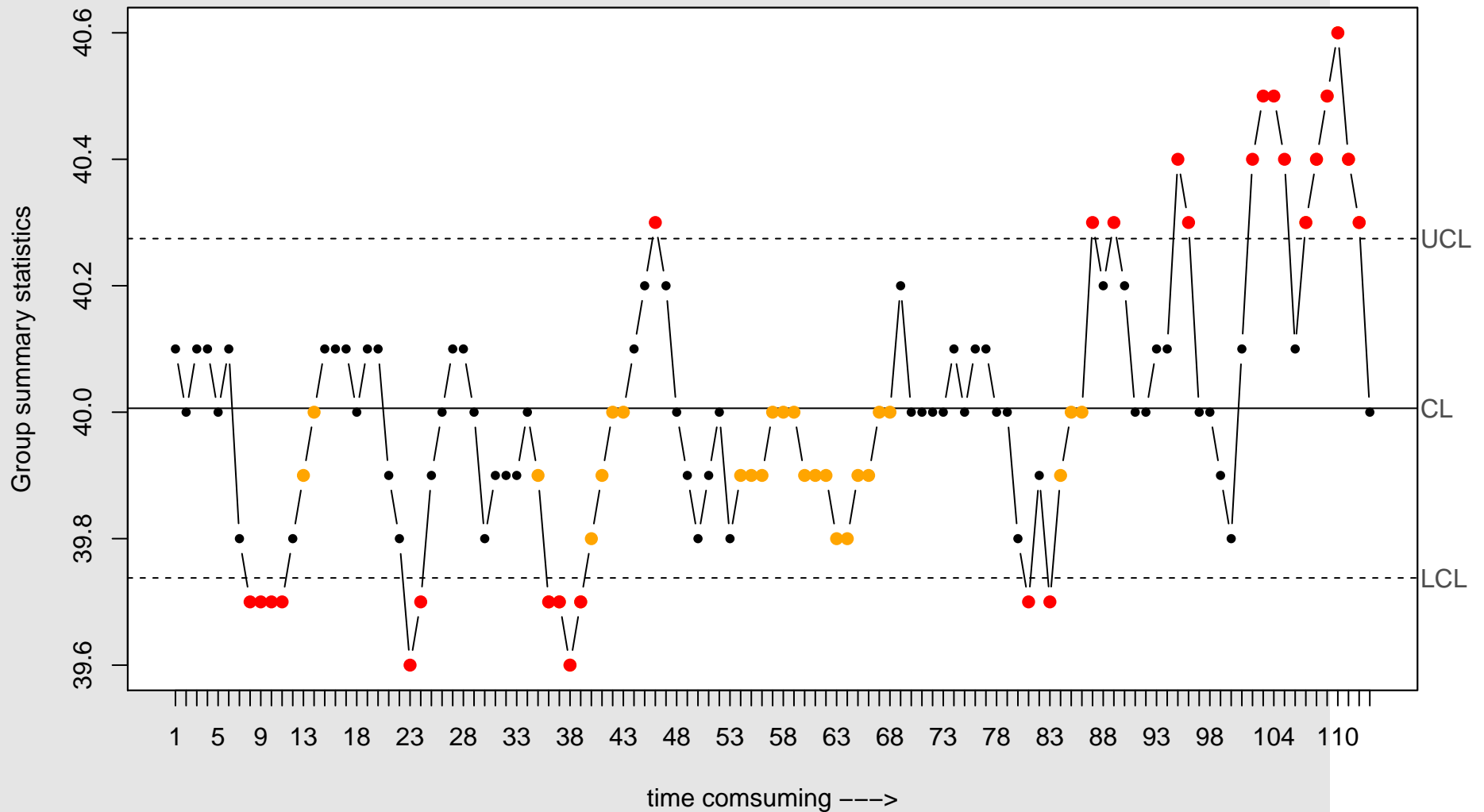
Number beyond limits = 36

Number violating runs = 54

## 228th column point of this product



## 229th column point of this product



Number of groups = 113

Center = 40.00619

StdDev = 0.08944402

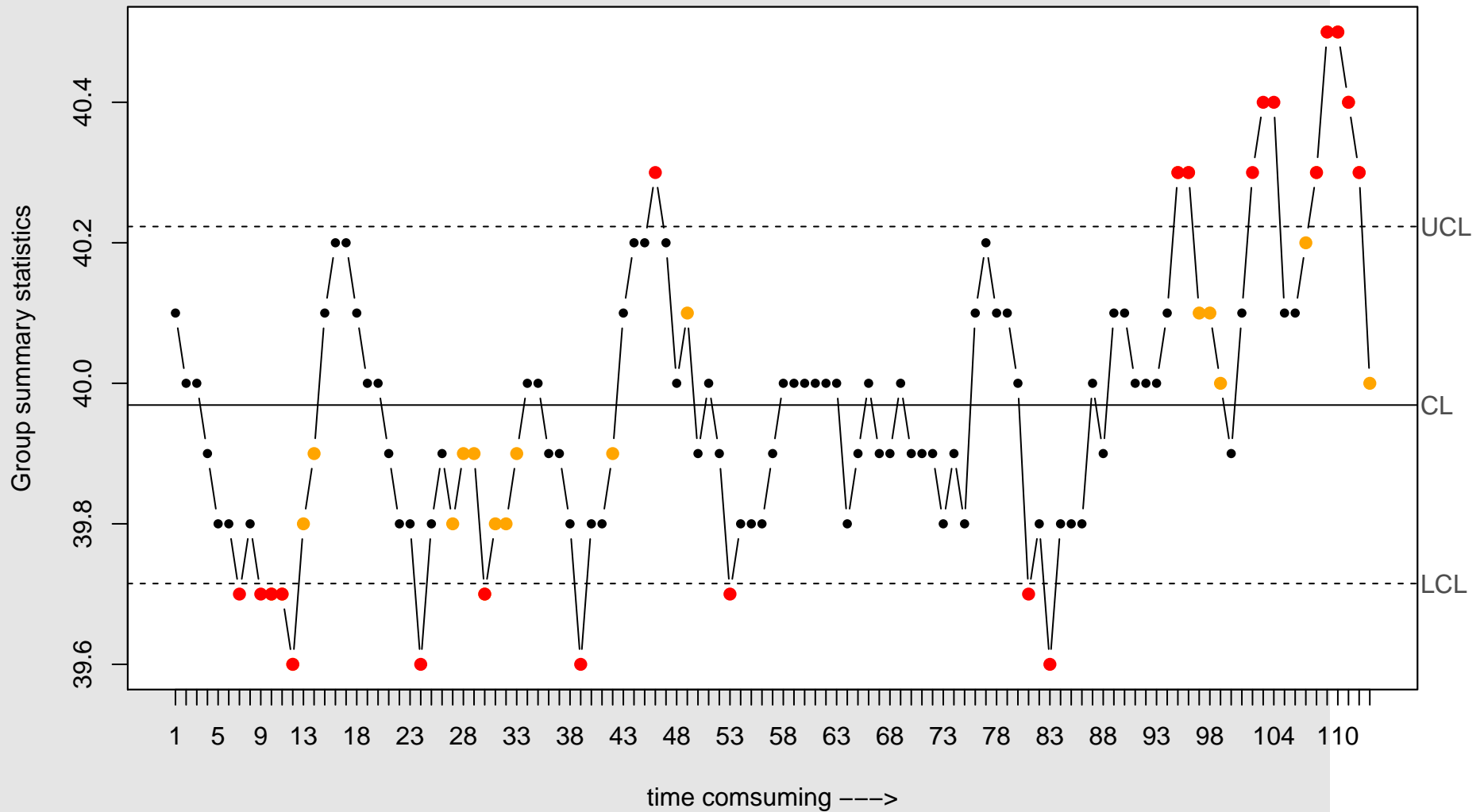
LCL = 39.73786

UCL = 40.27453

Number beyond limits = 27

Number violating runs = 35

## 230th column point of this product



Number of groups = 113

Center = 39.96903

StdDev = 0.08469478

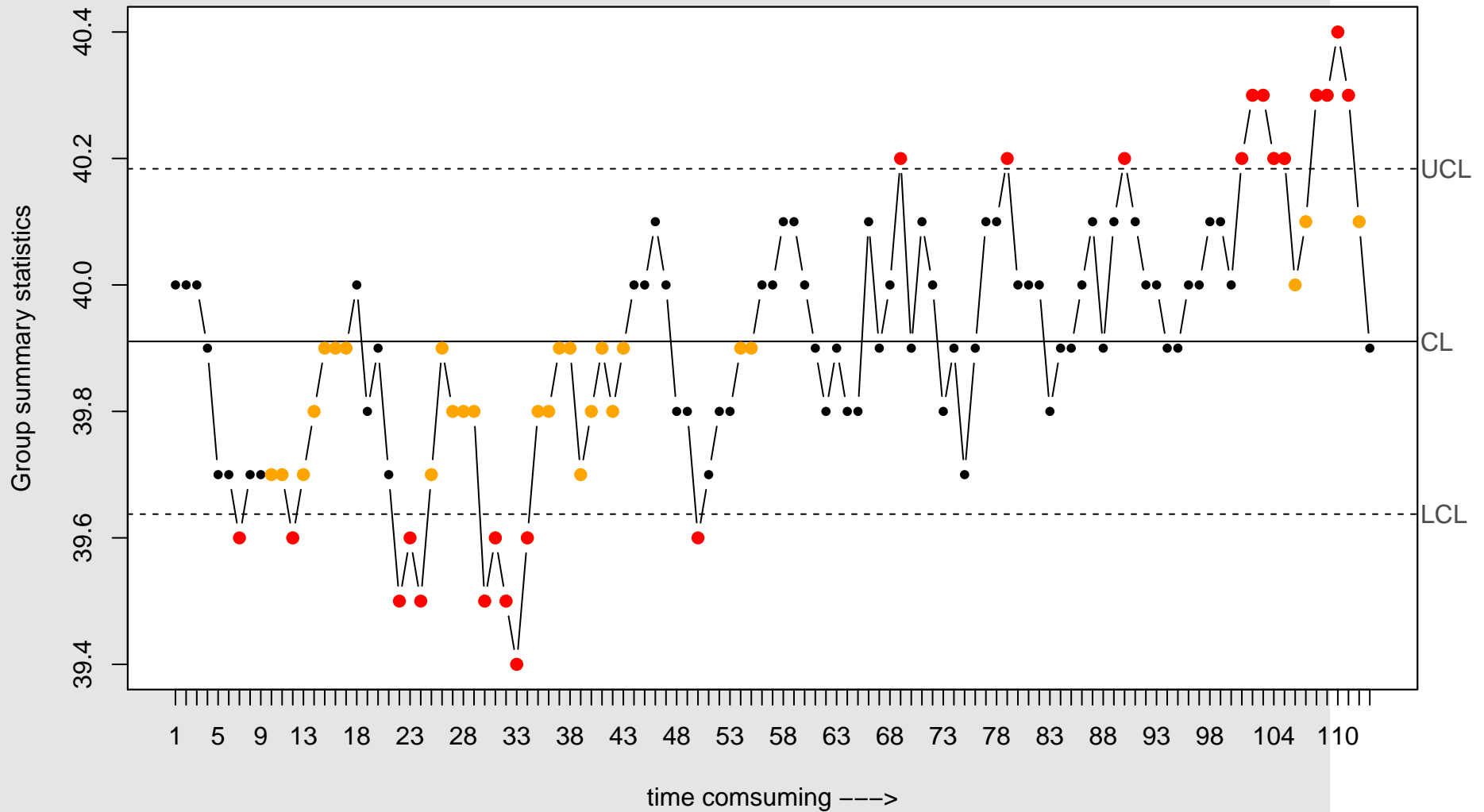
LCL = 39.71494

UCL = 40.22311

Number beyond limits = 22

Number violating runs = 26

## 231th column point of this product



Number of groups = 113

Center = 39.91062

StdDev = 0.0910271

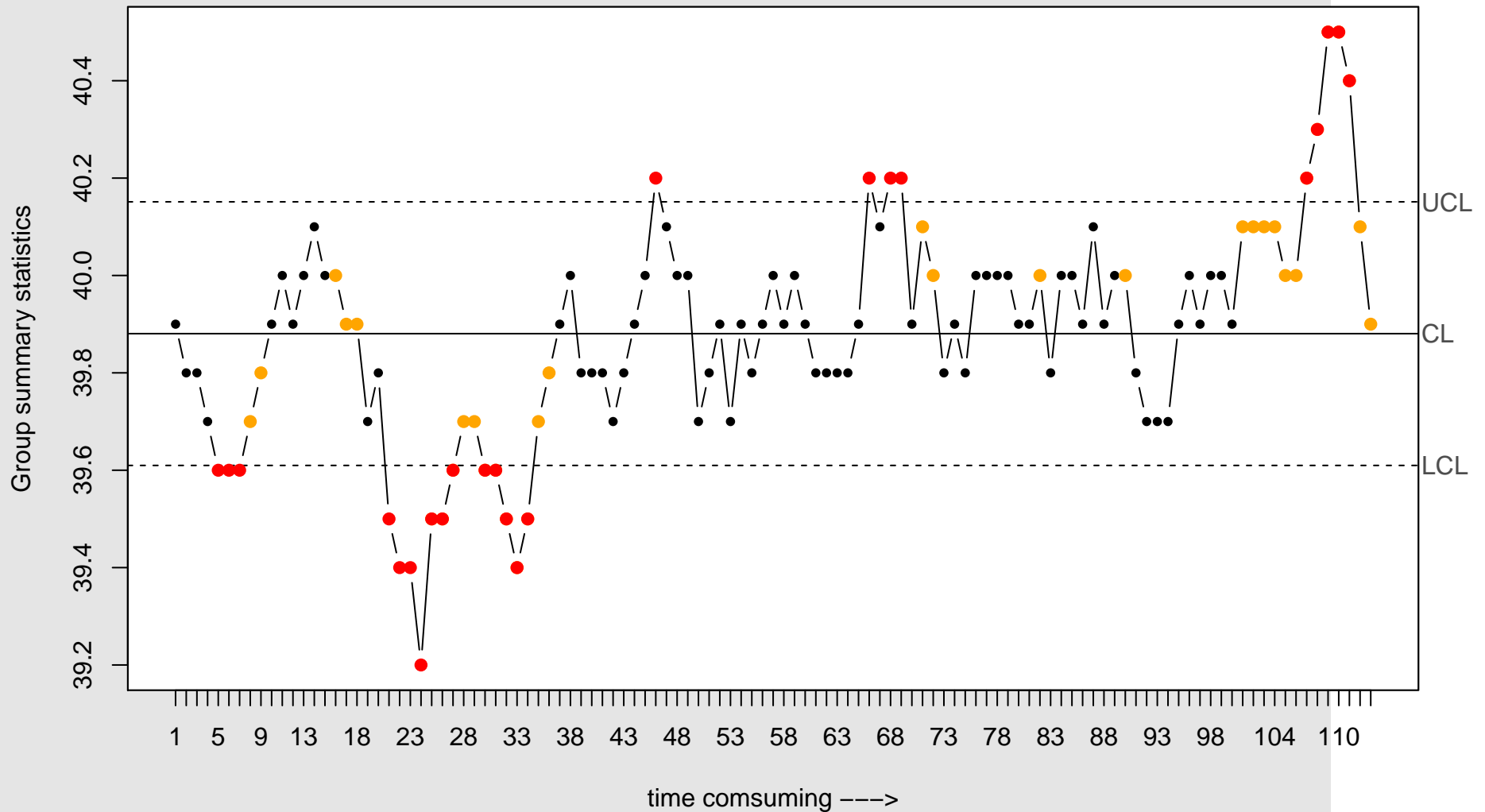
LCL = 39.63754

UCL = 40.1837

Number beyond limits = 23

Number violating runs = 40

## 232th column point of this product

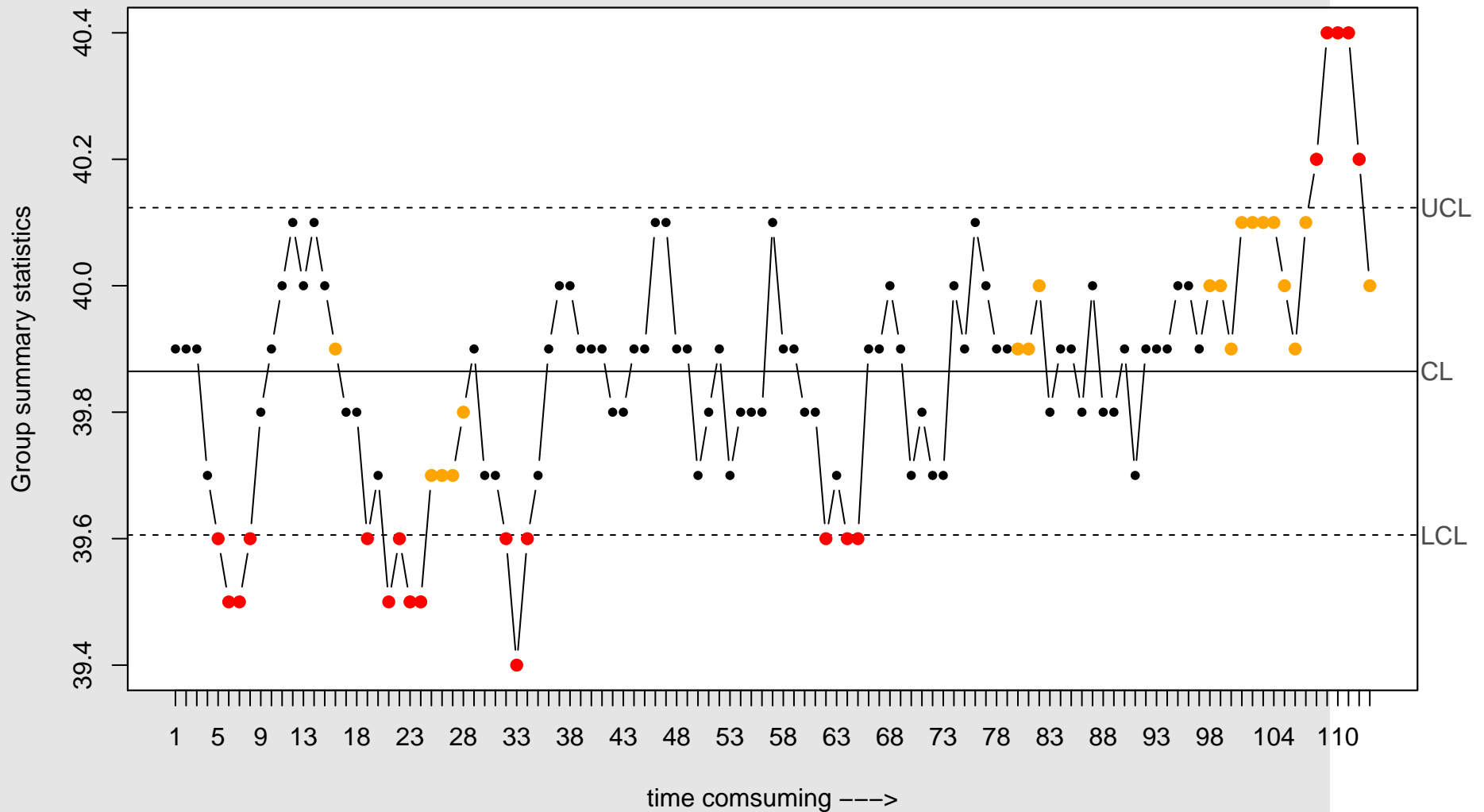


Number of groups = 113  
 Center = 39.88053  
 StdDev = 0.09023556

LCL = 39.60982  
 UCL = 40.15124

Number beyond limits = 24  
 Number violating runs = 34

## 233th column point of this product



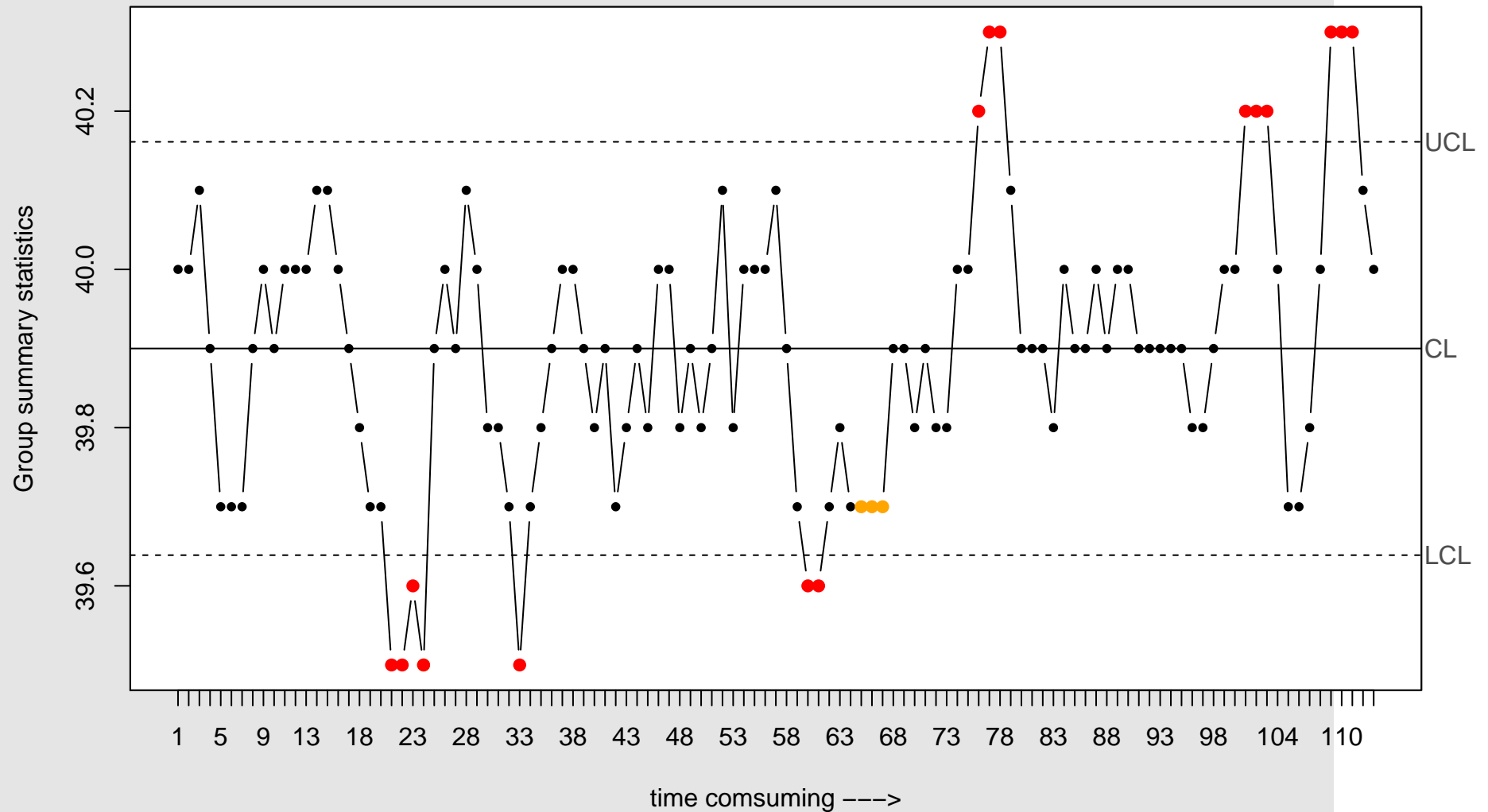
Number of groups = 113  
 Center = 39.8646  
 StdDev = 0.08627786

LCL = 39.60577  
 UCL = 40.12344

Number beyond limits = 20  
 Number violating runs = 26



## 234th column point of this product



Number of groups = 113

Center = 39.9

StdDev = 0.0870694

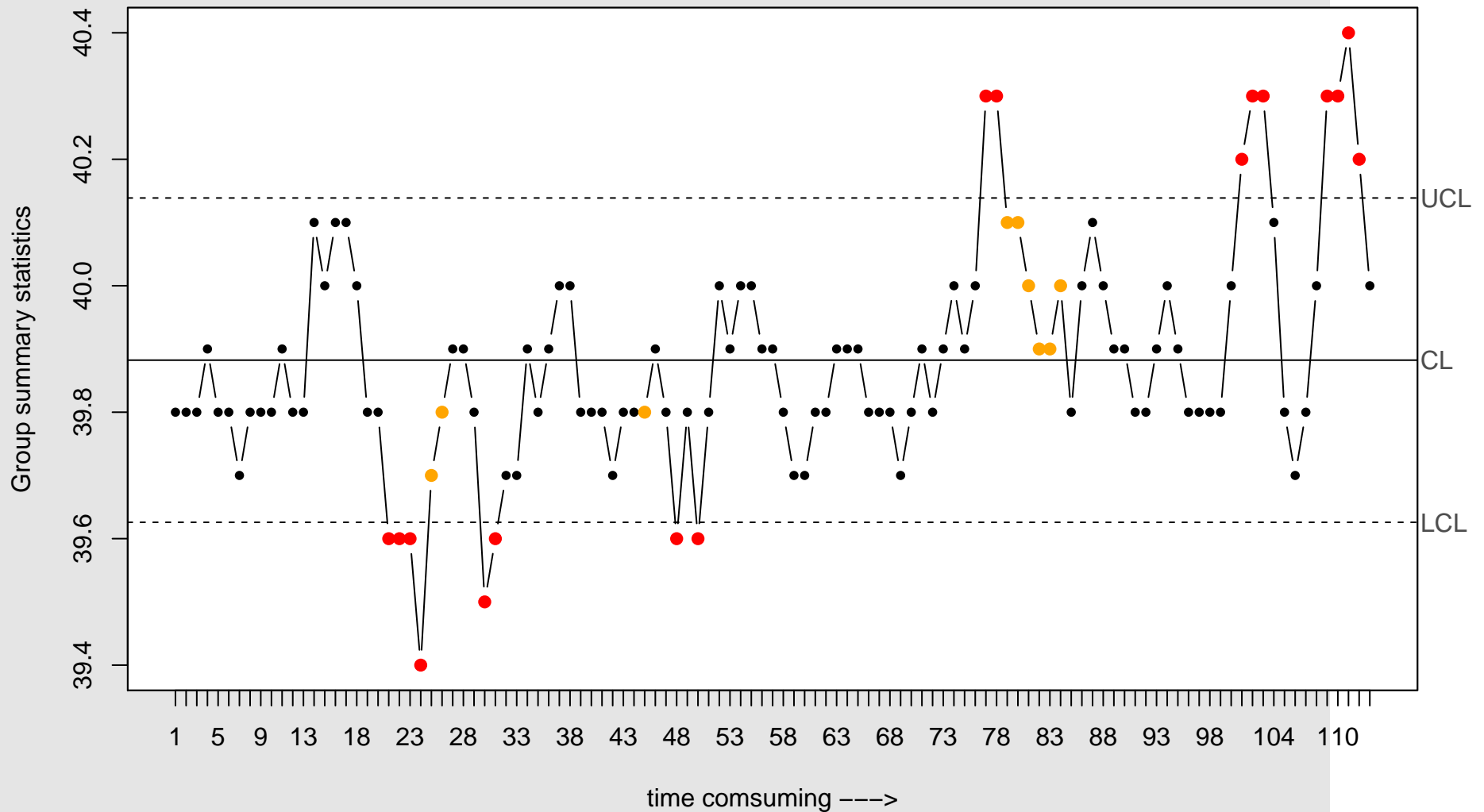
LCL = 39.63879

UCL = 40.16121

Number beyond limits = 16

Number violating runs = 4

## 235th column point of this product

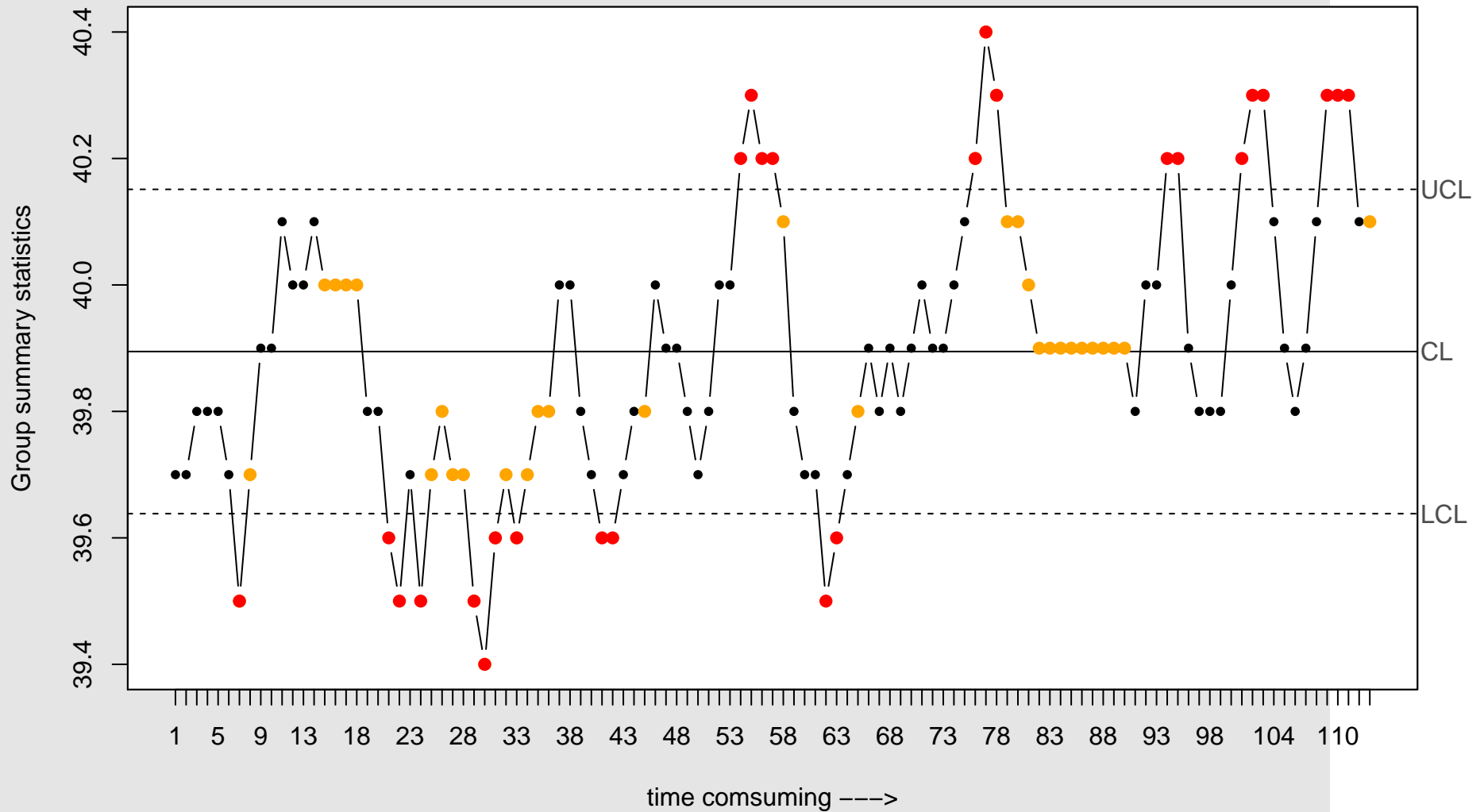


Number of groups = 113  
 Center = 39.8823  
 StdDev = 0.08548632

LCL = 39.62584  
 UCL = 40.13876

Number beyond limits = 17  
 Number violating runs = 9

## 236th column point of this product



Number of groups = 113

Center = 39.89469

StdDev = 0.08548632

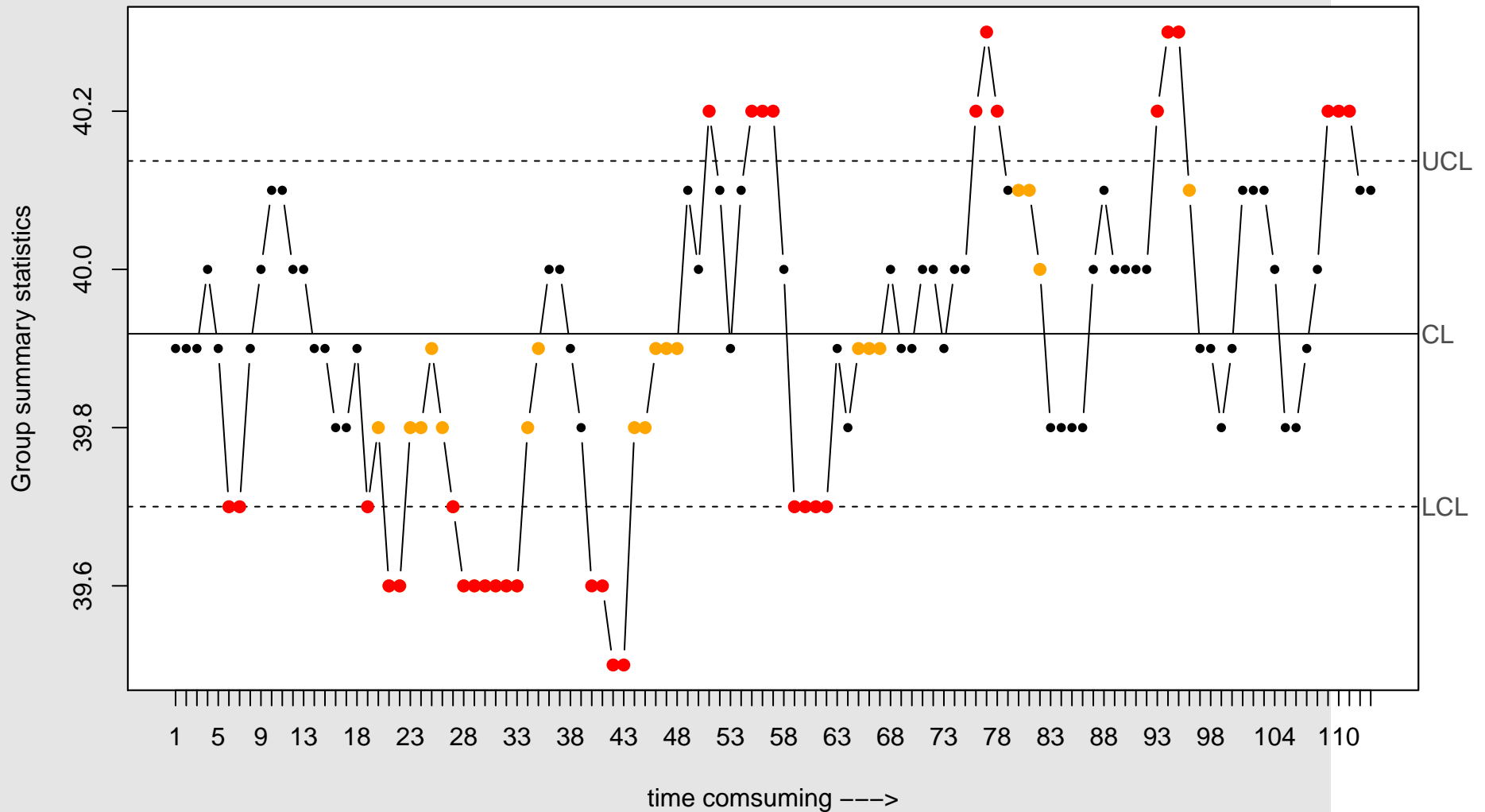
LCL = 39.63823

UCL = 40.15115

Number beyond limits = 27

Number violating runs = 37

## 237th column point of this product

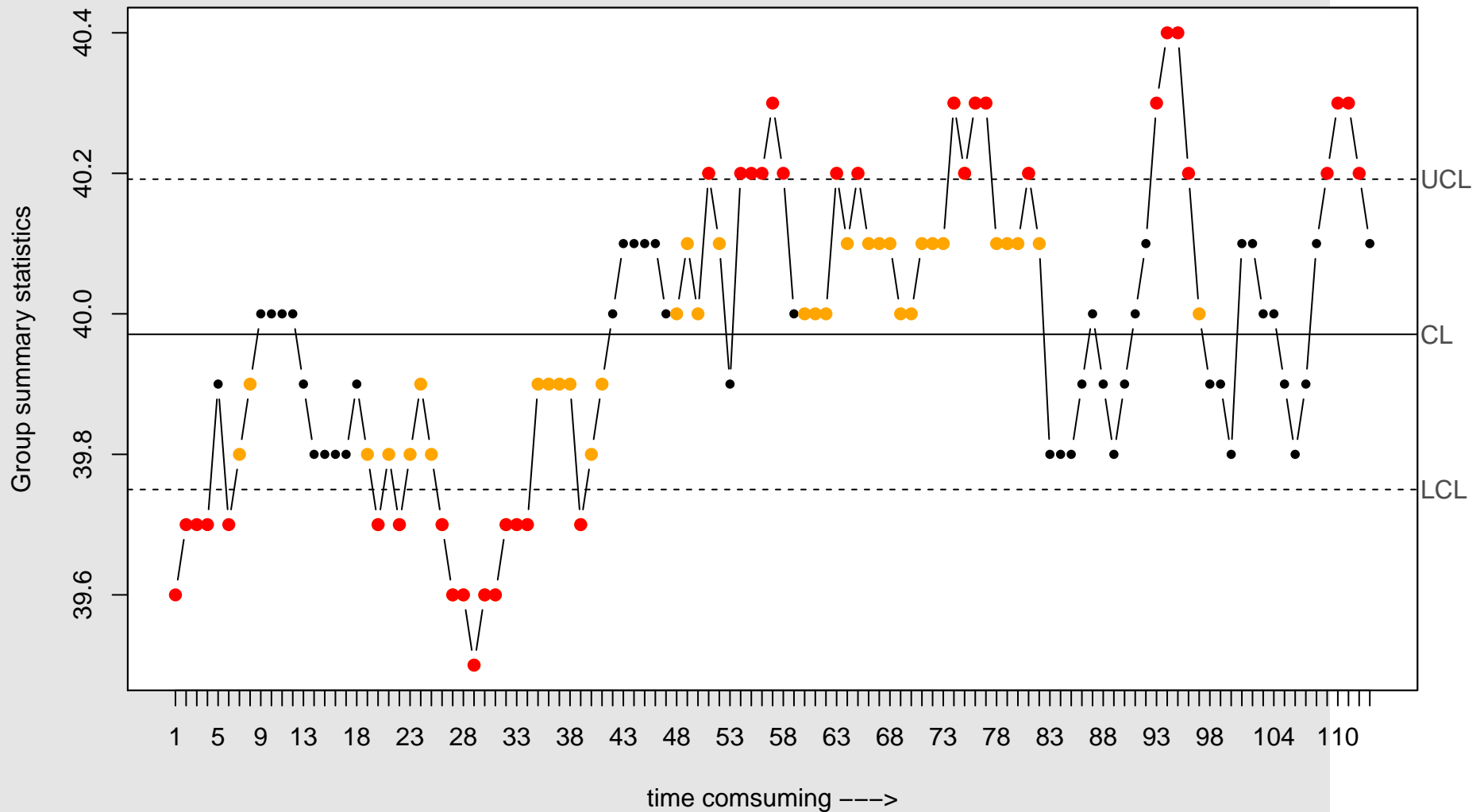


Number of groups = 113  
 Center = 39.91858  
 StdDev = 0.07282168

LCL = 39.70012  
 UCL = 40.13705

Number beyond limits = 33  
 Number violating runs = 31

## 238th column point of this product



Number of groups = 113

Center = 39.9708

StdDev = 0.07361322

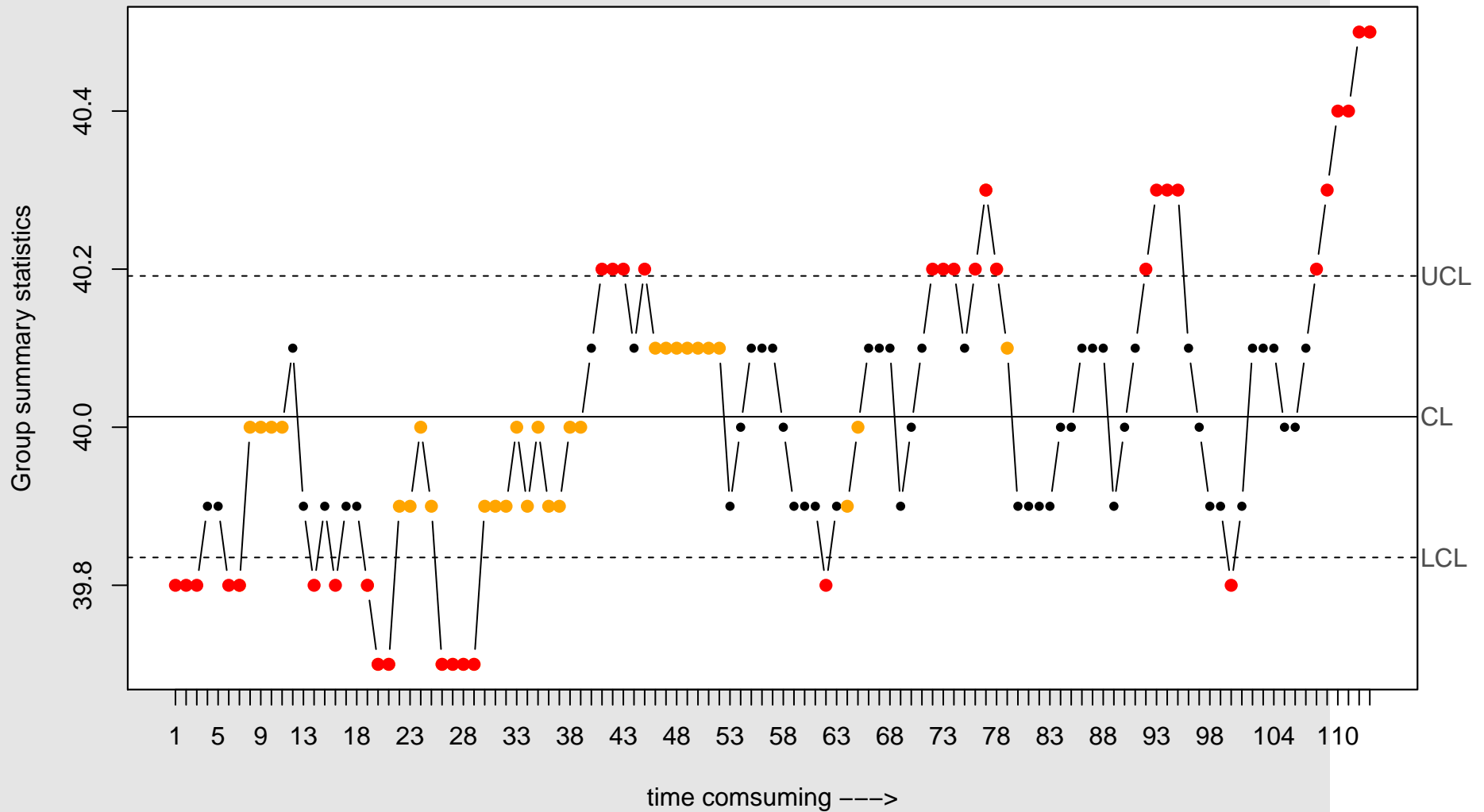
LCL = 39.74996

UCL = 40.19164

Number beyond limits = 38

Number violating runs = 54

## 239th column point of this product



Number of groups = 113

Center = 40.01327

StdDev = 0.0593655

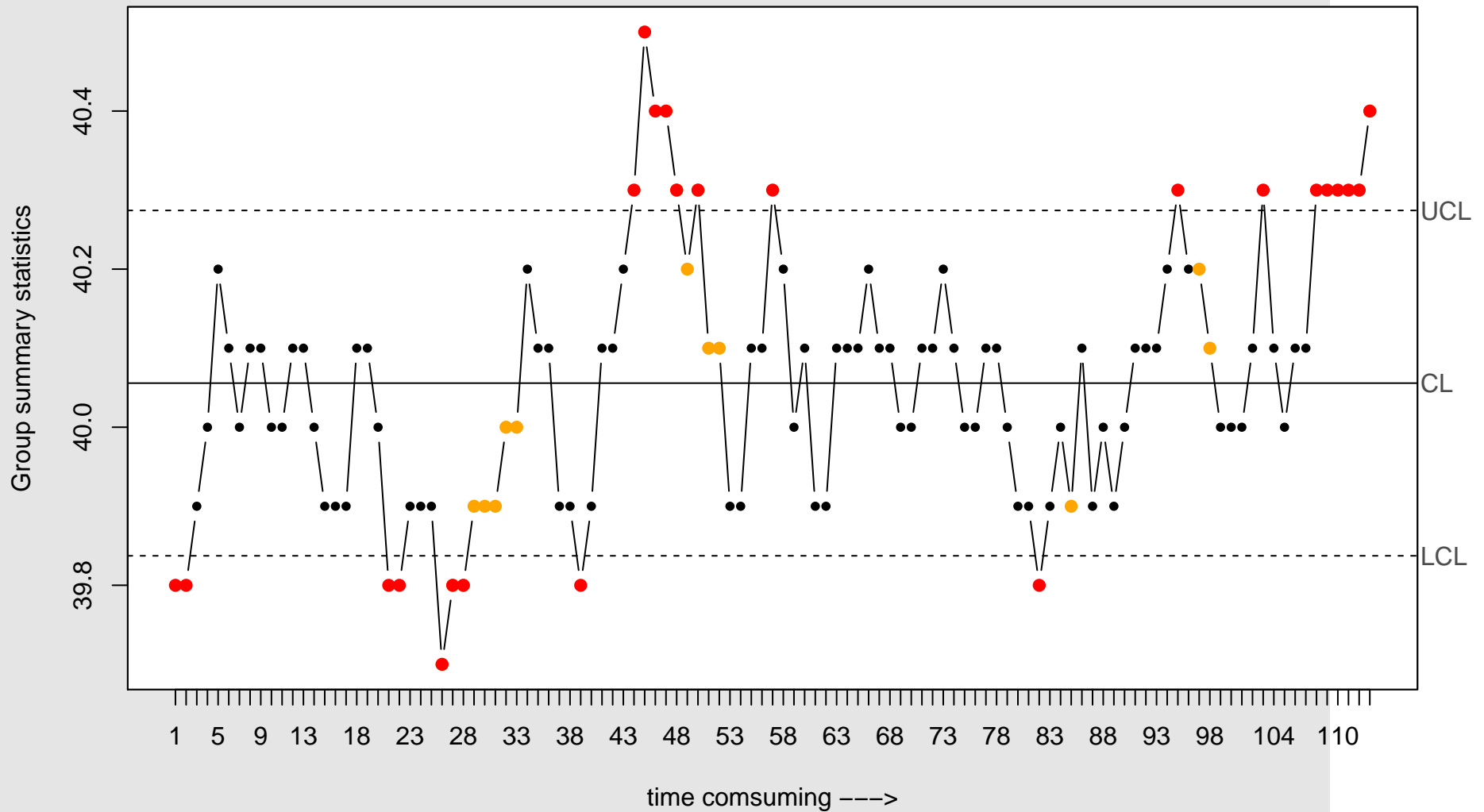
LCL = 39.83518

UCL = 40.19137

Number beyond limits = 36

Number violating runs = 39

## 240th column point of this product



Number of groups = 113

Center = 40.05575

StdDev = 0.07282168

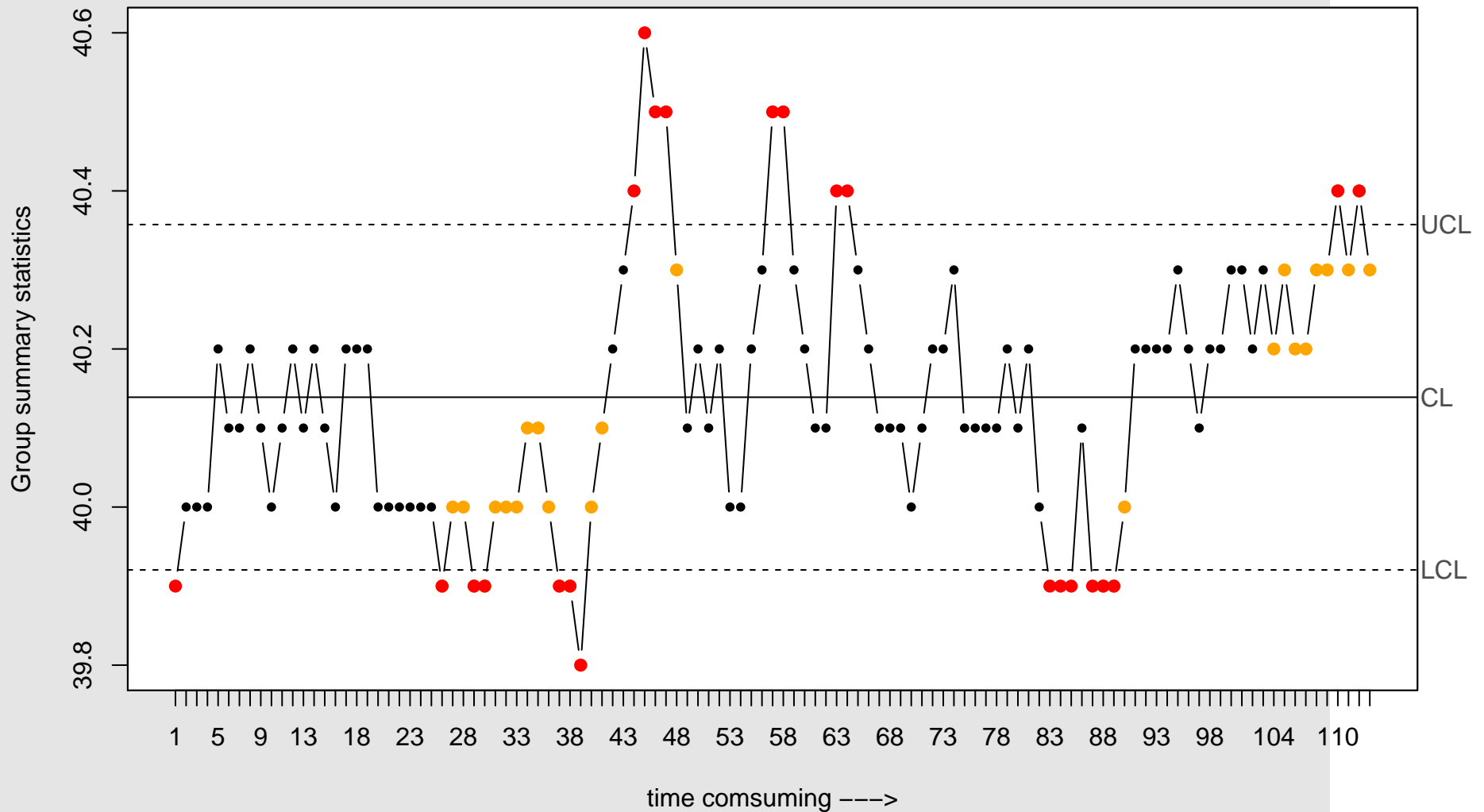
LCL = 39.83729

UCL = 40.27422

Number beyond limits = 24

Number violating runs = 19

## 241th column point of this product



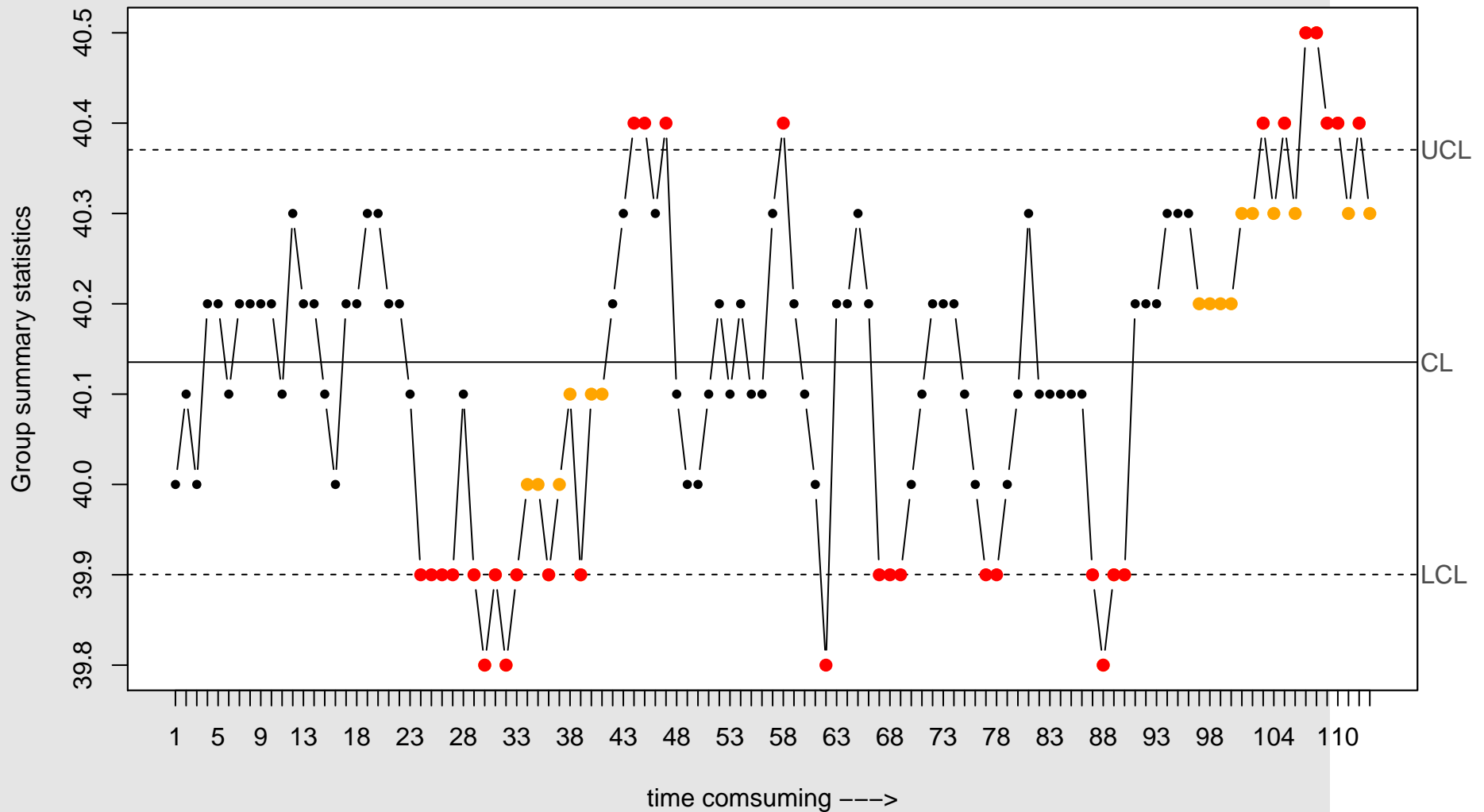
Number of groups = 113  
Center = 40.13894  
StdDev = 0.07282168

LCL = 39.92047  
UCL = 40.3574

Number beyond limits = 23  
Number violating runs = 30



## 242th column point of this product

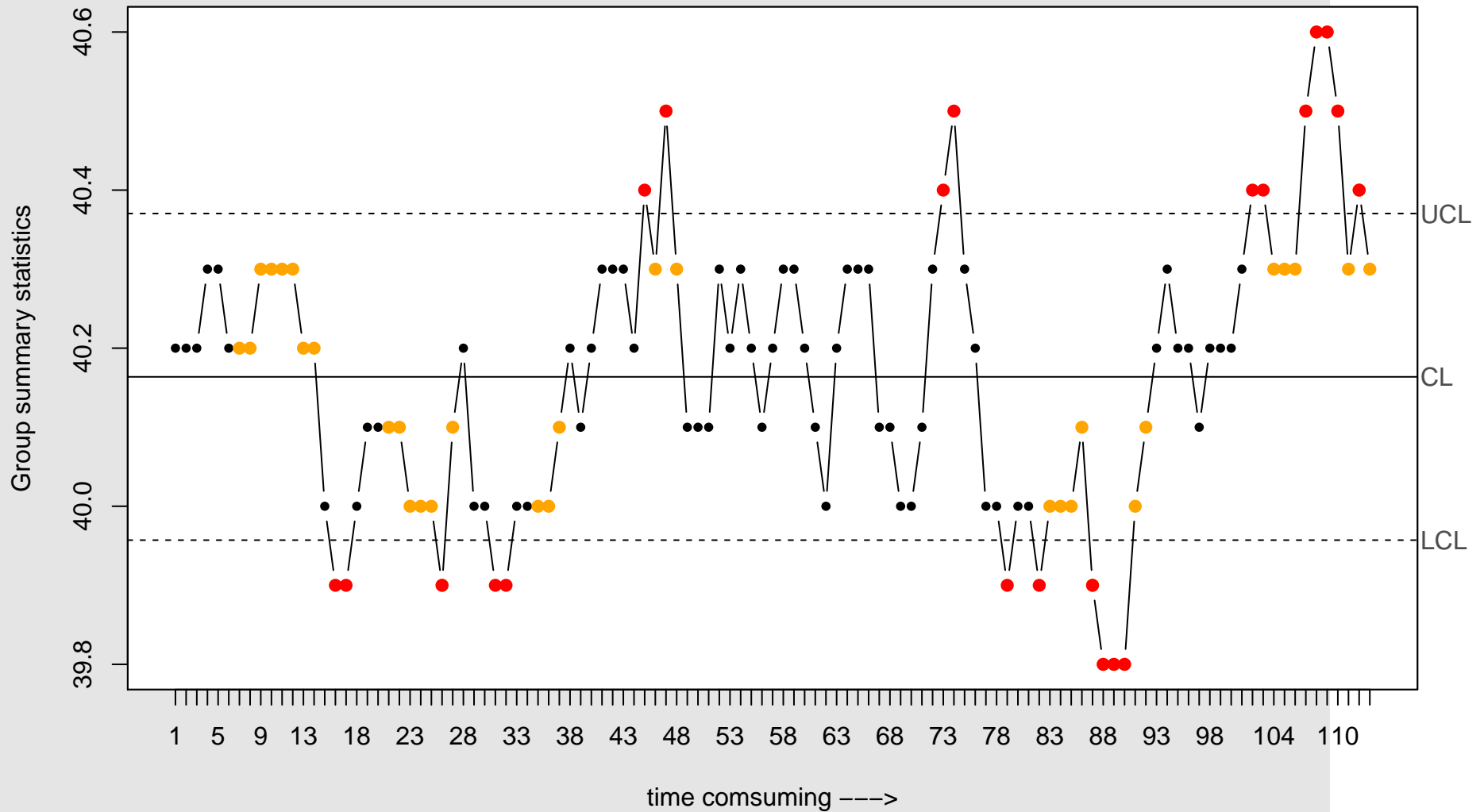


Number of groups = 113  
 Center = 40.1354  
 StdDev = 0.07836246

LCL = 39.90031  
 UCL = 40.37049

Number beyond limits = 32  
 Number violating runs = 33

## 243th column point of this product



Number of groups = 113

Center = 40.16372

StdDev = 0.06886398

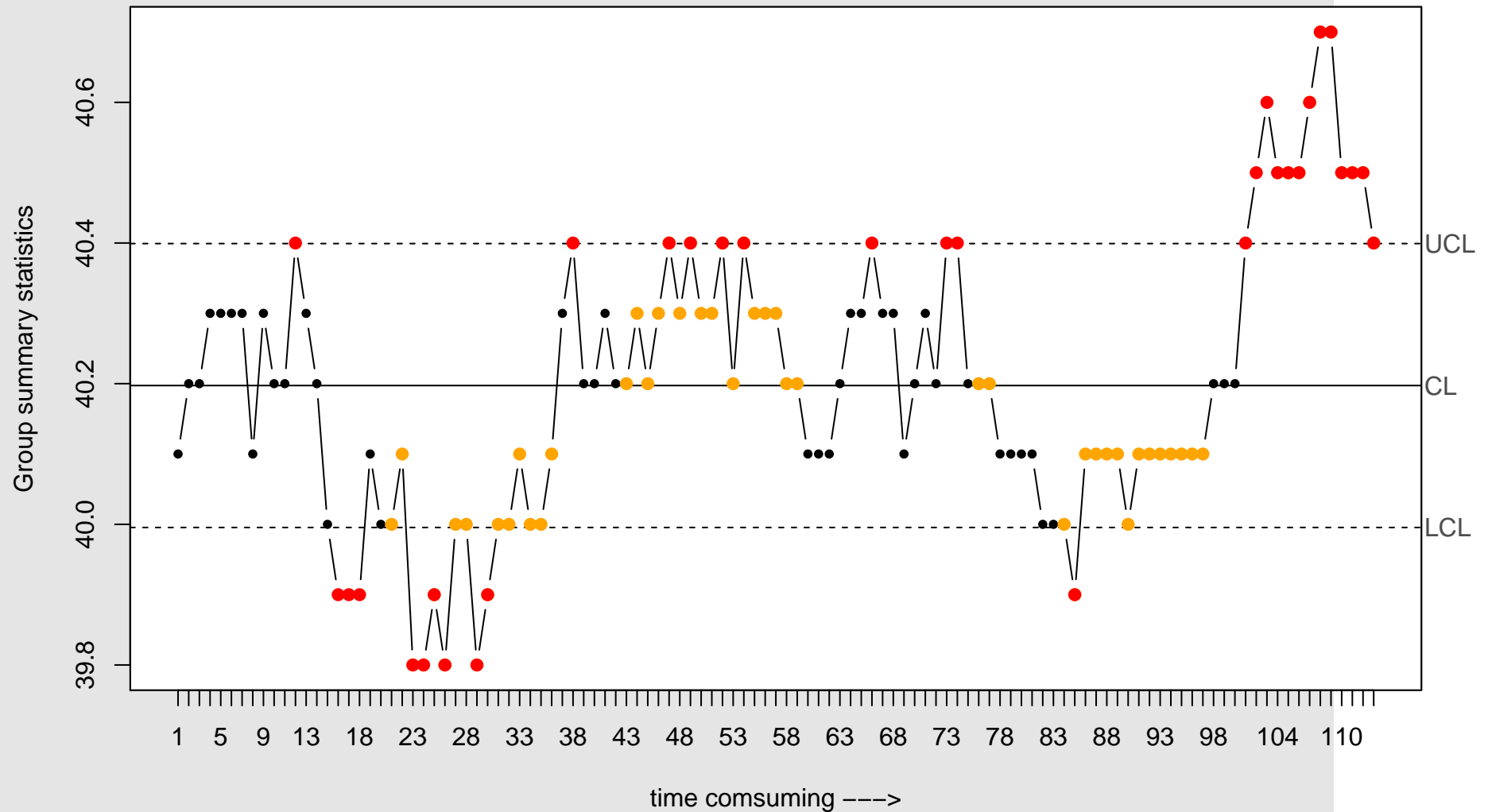
LCL = 39.95712

UCL = 40.37031

Number beyond limits = 22

Number violating runs = 41

## 244th column point of this product



Number of groups = 113

Center = 40.19735

StdDev = 0.0672809

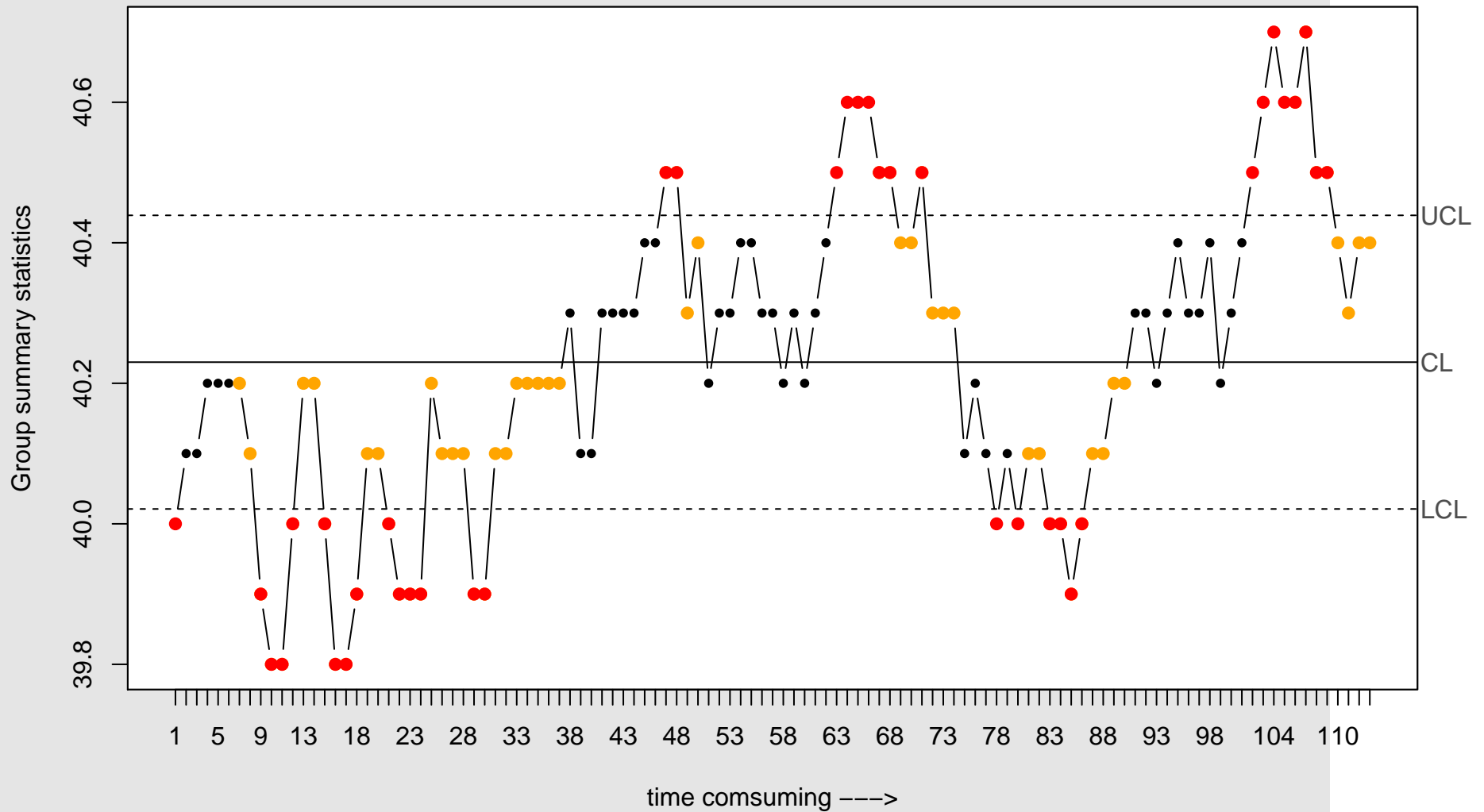
LCL = 39.9955

UCL = 40.39919

Number beyond limits = 32

Number violating runs = 59

## 245th column point of this product



Number of groups = 113

Center = 40.23009

StdDev = 0.06965552

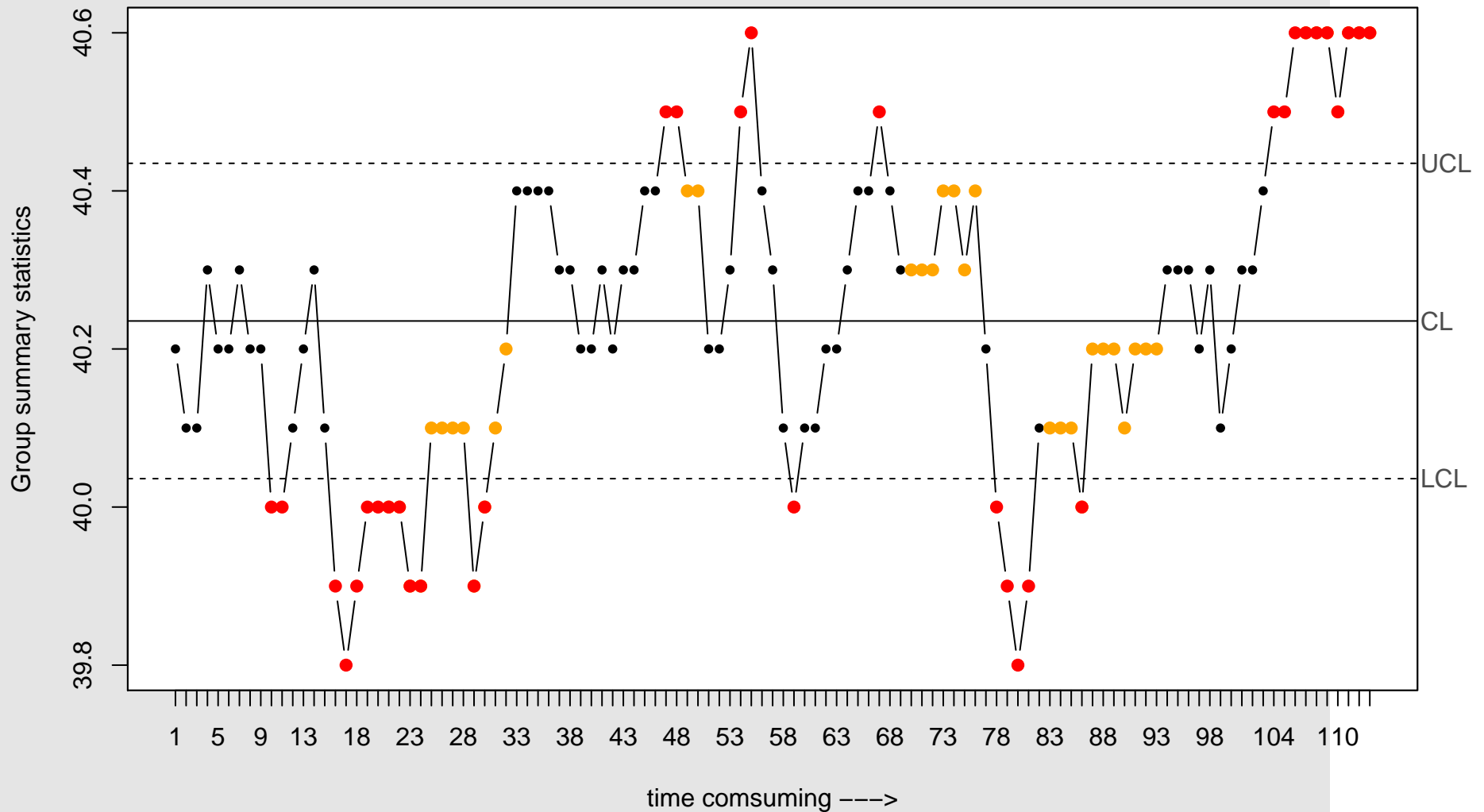
LCL = 40.02112

UCL = 40.43906

Number beyond limits = 38

Number violating runs = 61

## 246th column point of this product

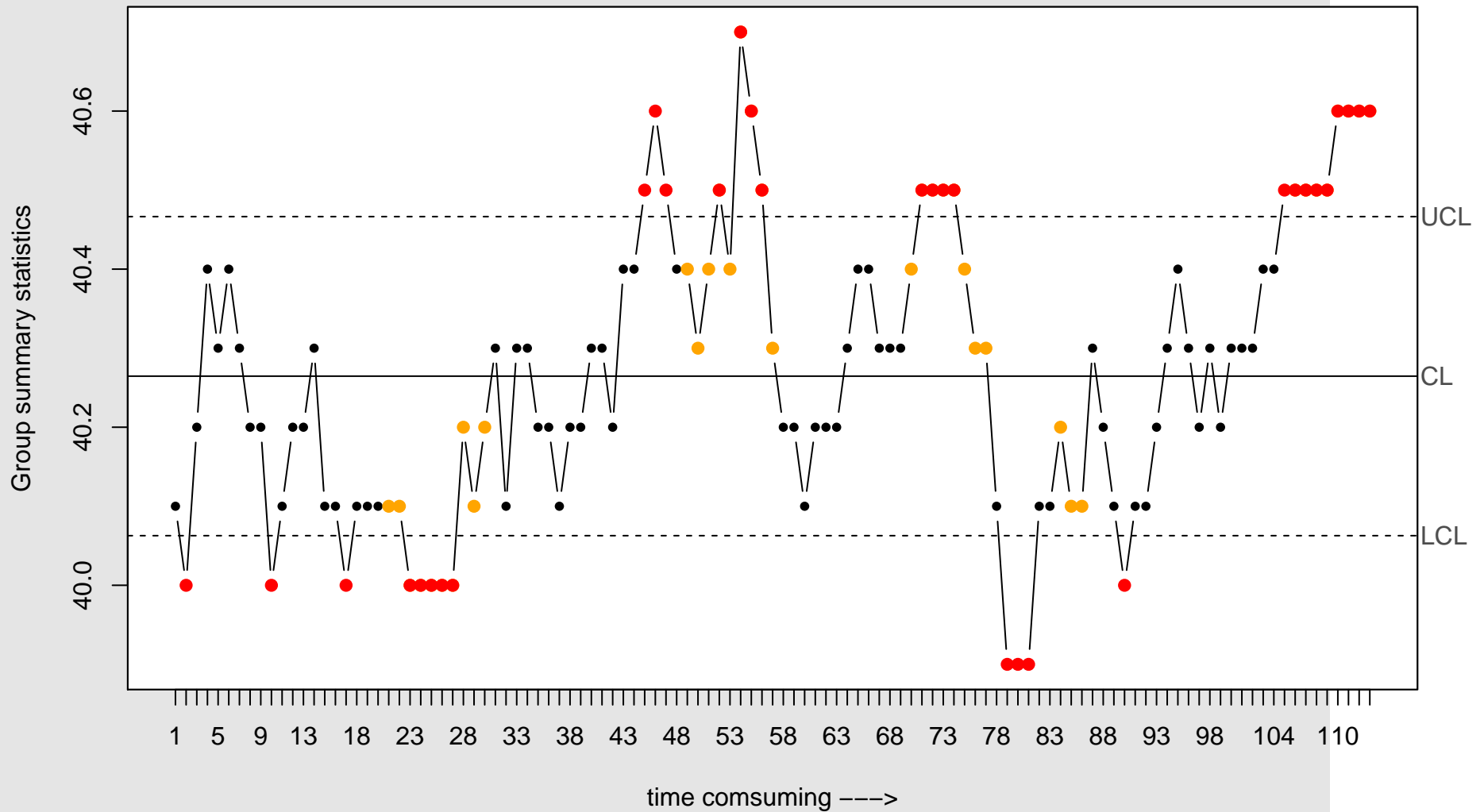


Number of groups = 113  
 Center = 40.2354  
 StdDev = 0.06648936

LCL = 40.03593  
 UCL = 40.43487

Number beyond limits = 34  
 Number violating runs = 39

## 247th column point of this product



Number of groups = 113

Center = 40.2646

StdDev = 0.0672809

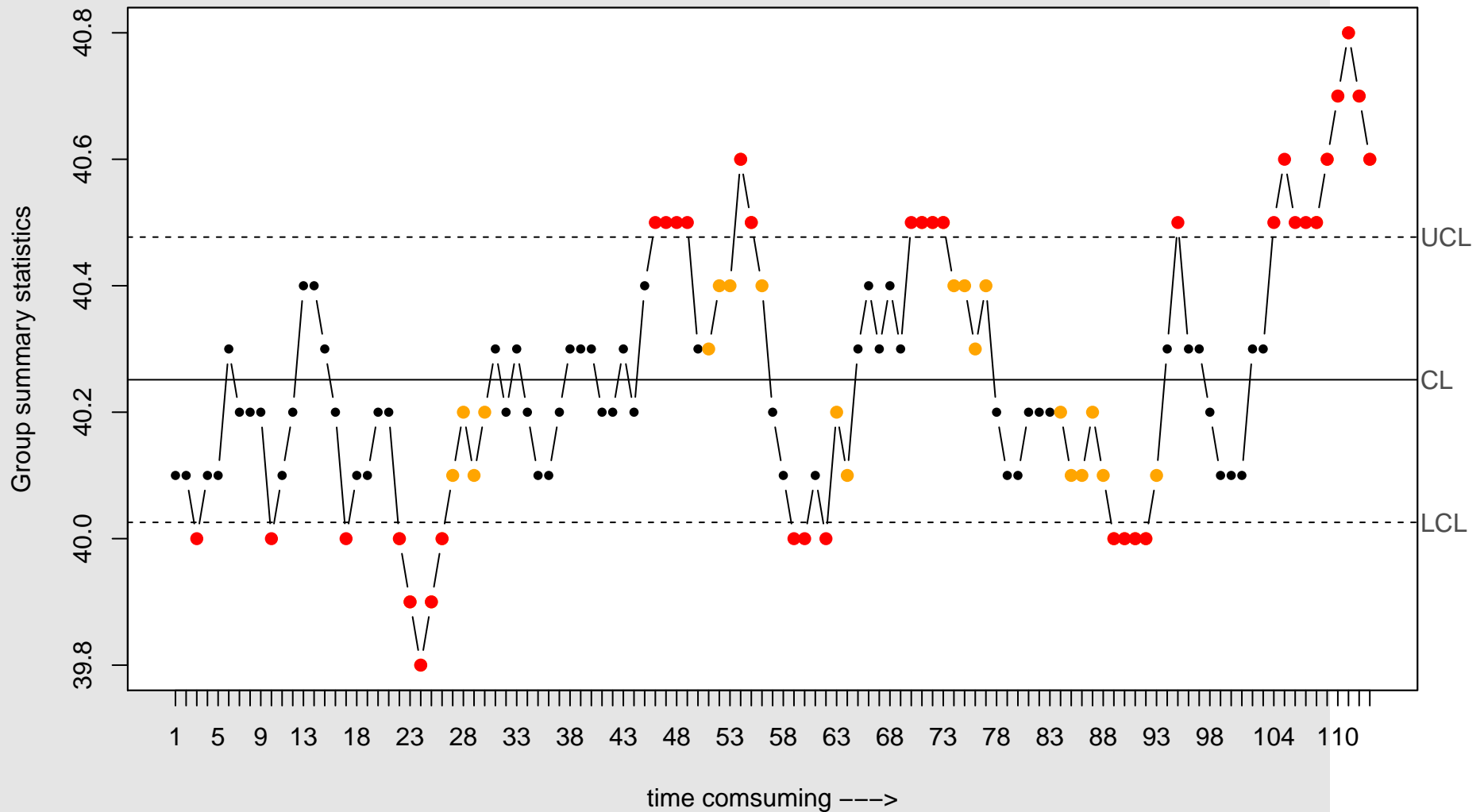
LCL = 40.06276

UCL = 40.46644

Number beyond limits = 32

Number violating runs = 38

## 248th column point of this product



Number of groups = 113

Center = 40.25133

StdDev = 0.0751963

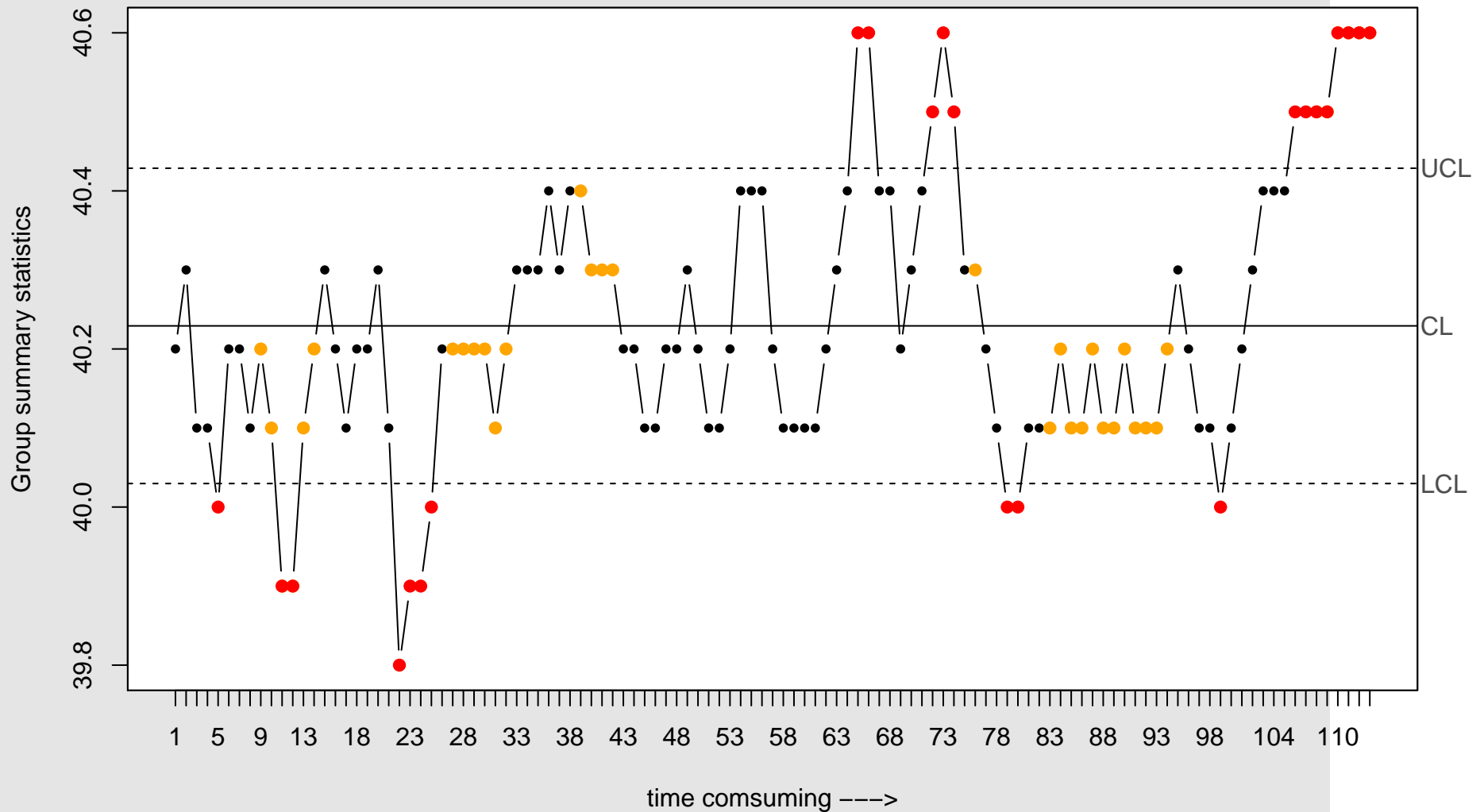
LCL = 40.02574

UCL = 40.47692

Number beyond limits = 36

Number violating runs = 40

## 249th column point of this product



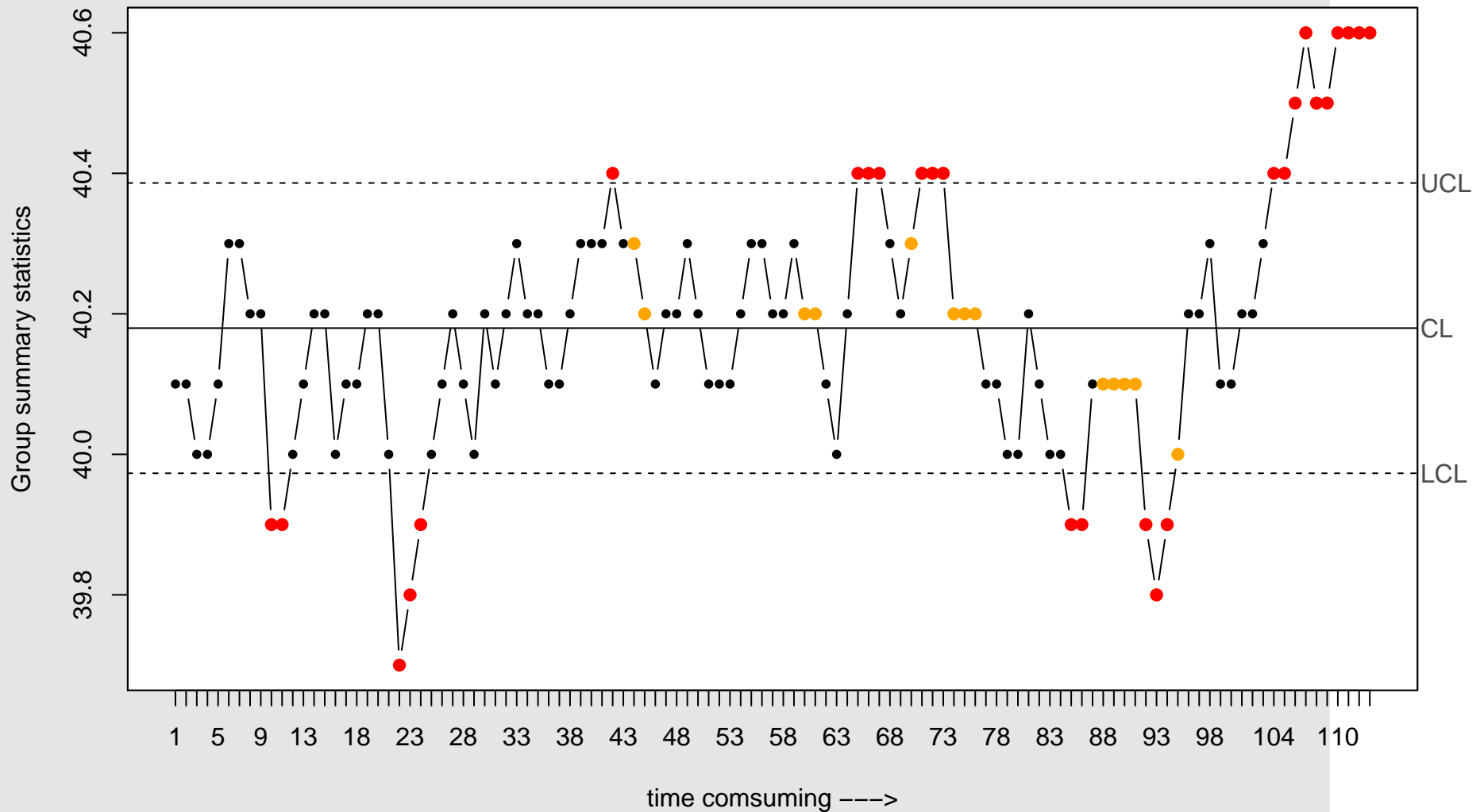
Number of groups = 113  
 Center = 40.2292  
 StdDev = 0.06648936

LCL = 40.02974  
 UCL = 40.42867

Number beyond limits = 23  
 Number violating runs = 35



## 250th column point of this product



Number of groups = 113

Center = 40.17965

StdDev = 0.06886398

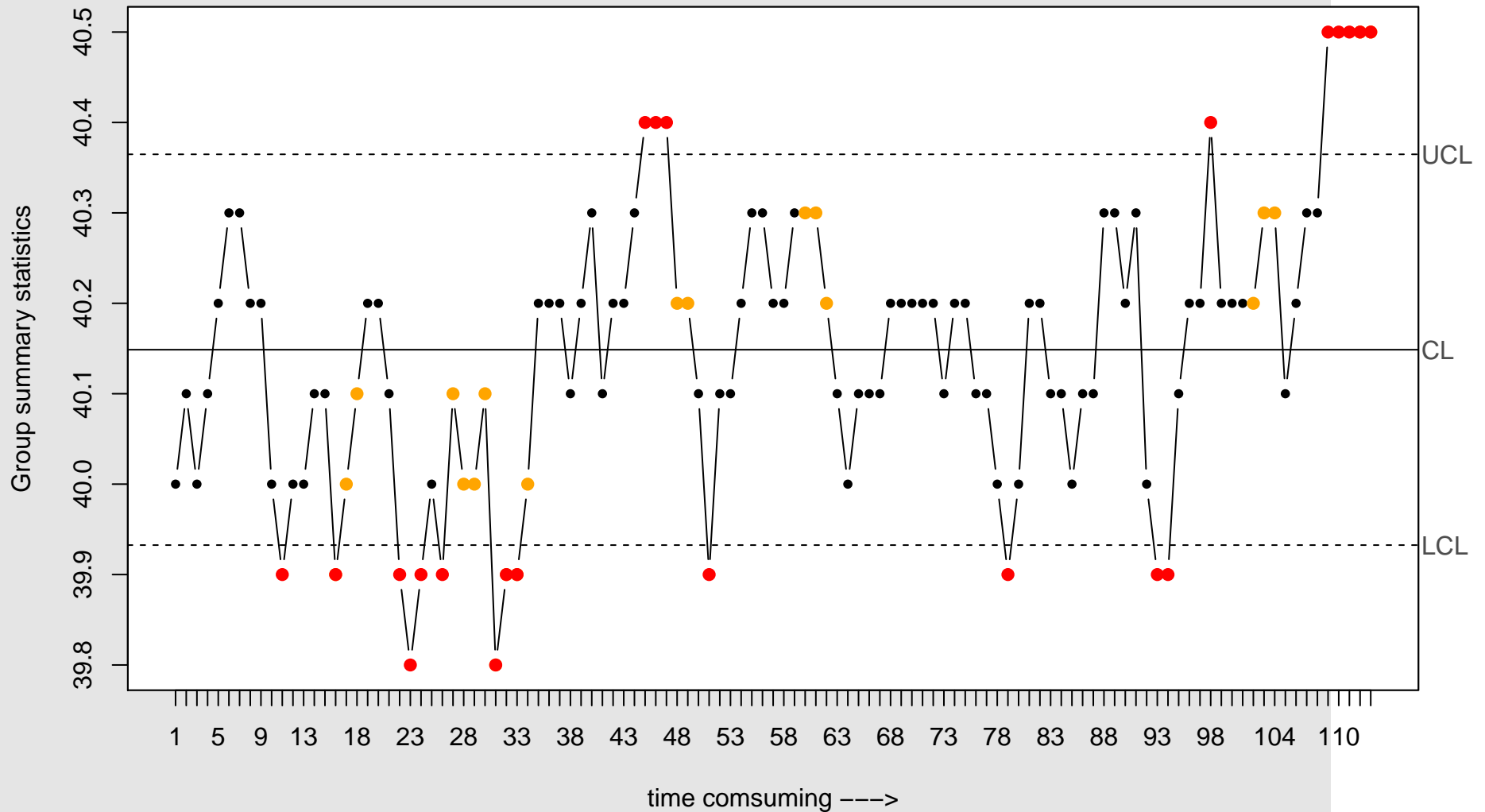
LCL = 39.97305

UCL = 40.38624

Number beyond limits = 27

Number violating runs = 26

## 251th column point of this product



Number of groups = 113

Center = 40.14867

StdDev = 0.07203014

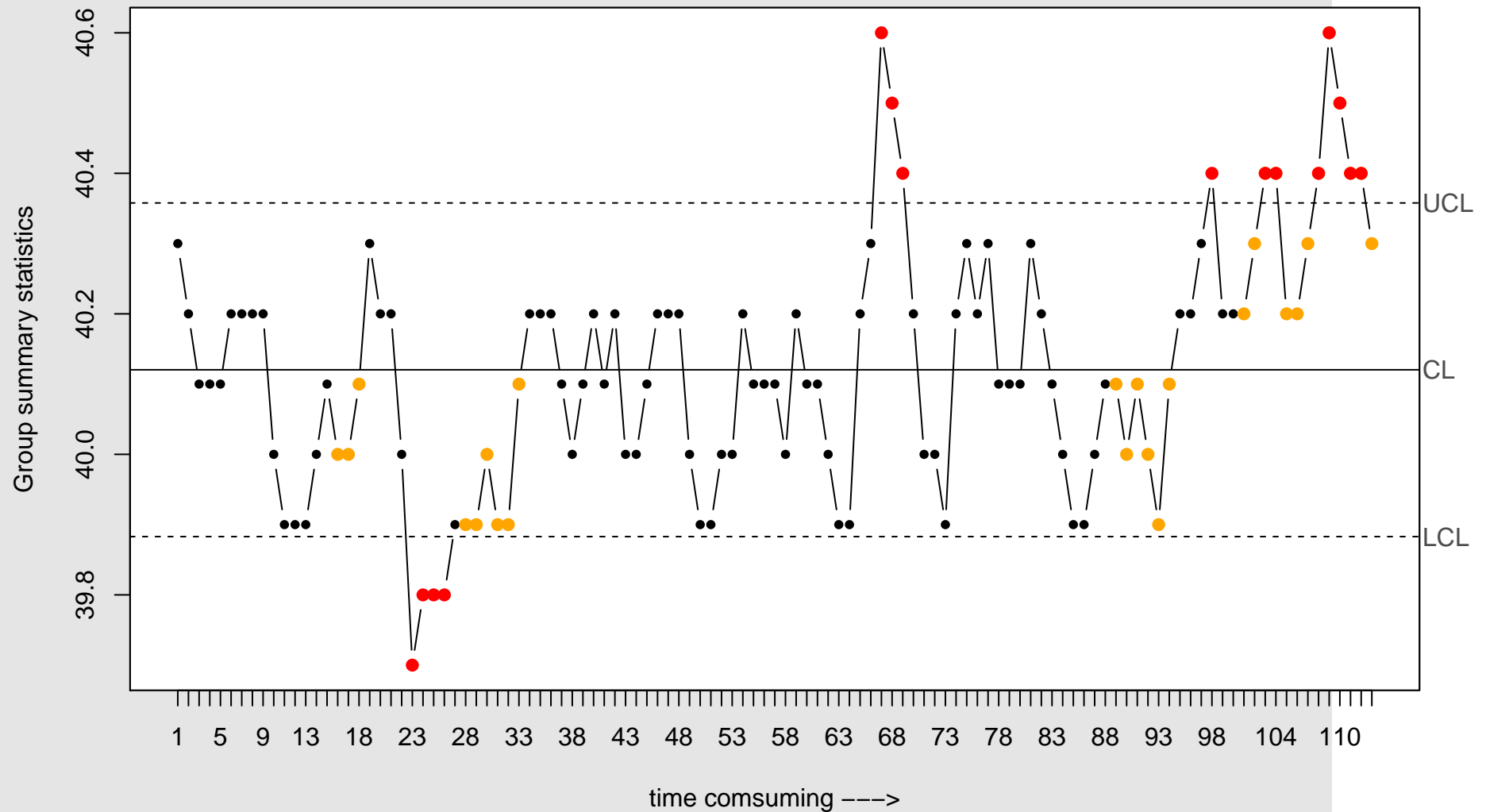
LCL = 39.93258

UCL = 40.36476

Number beyond limits = 22

Number violating runs = 21

## 252th column point of this product



Number of groups = 113

Center = 40.12035

StdDev = 0.079154

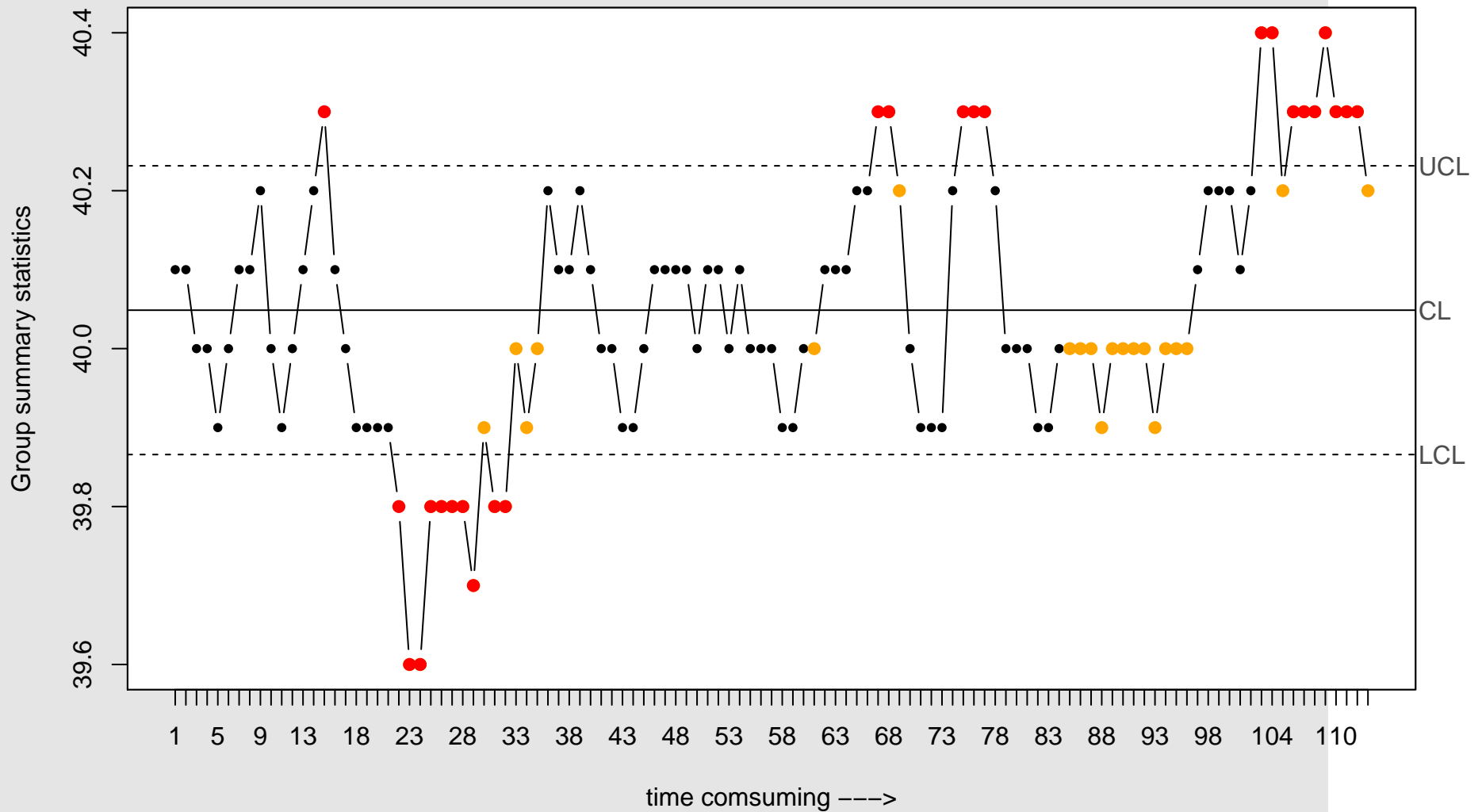
LCL = 39.88289

UCL = 40.35782

Number beyond limits = 15

Number violating runs = 28

## 253th column point of this product

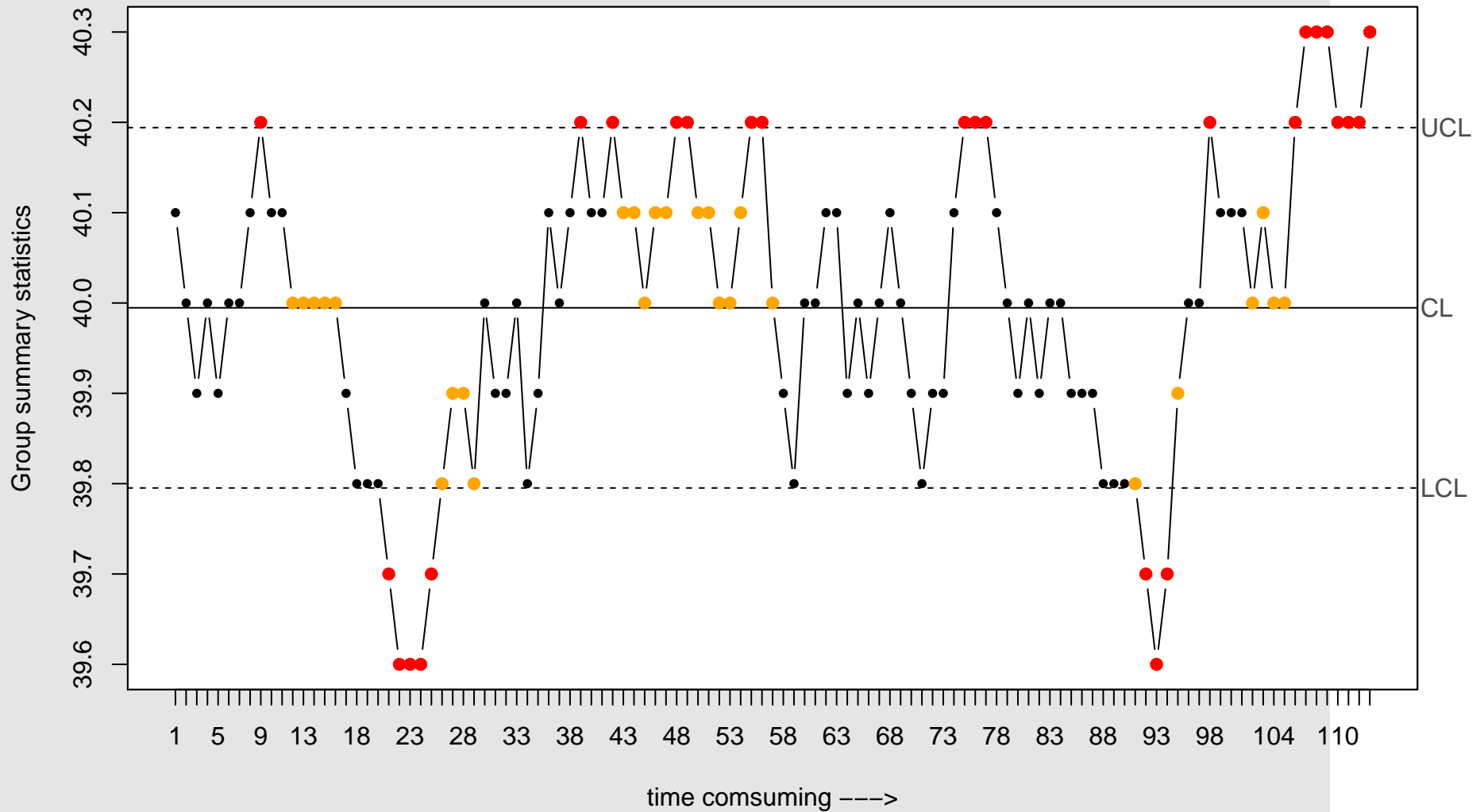


Number of groups = 113  
 Center = 40.04867  
 StdDev = 0.06094858

LCL = 39.86583  
 UCL = 40.23152

Number beyond limits = 25  
 Number violating runs = 39

## 254th column point of this product

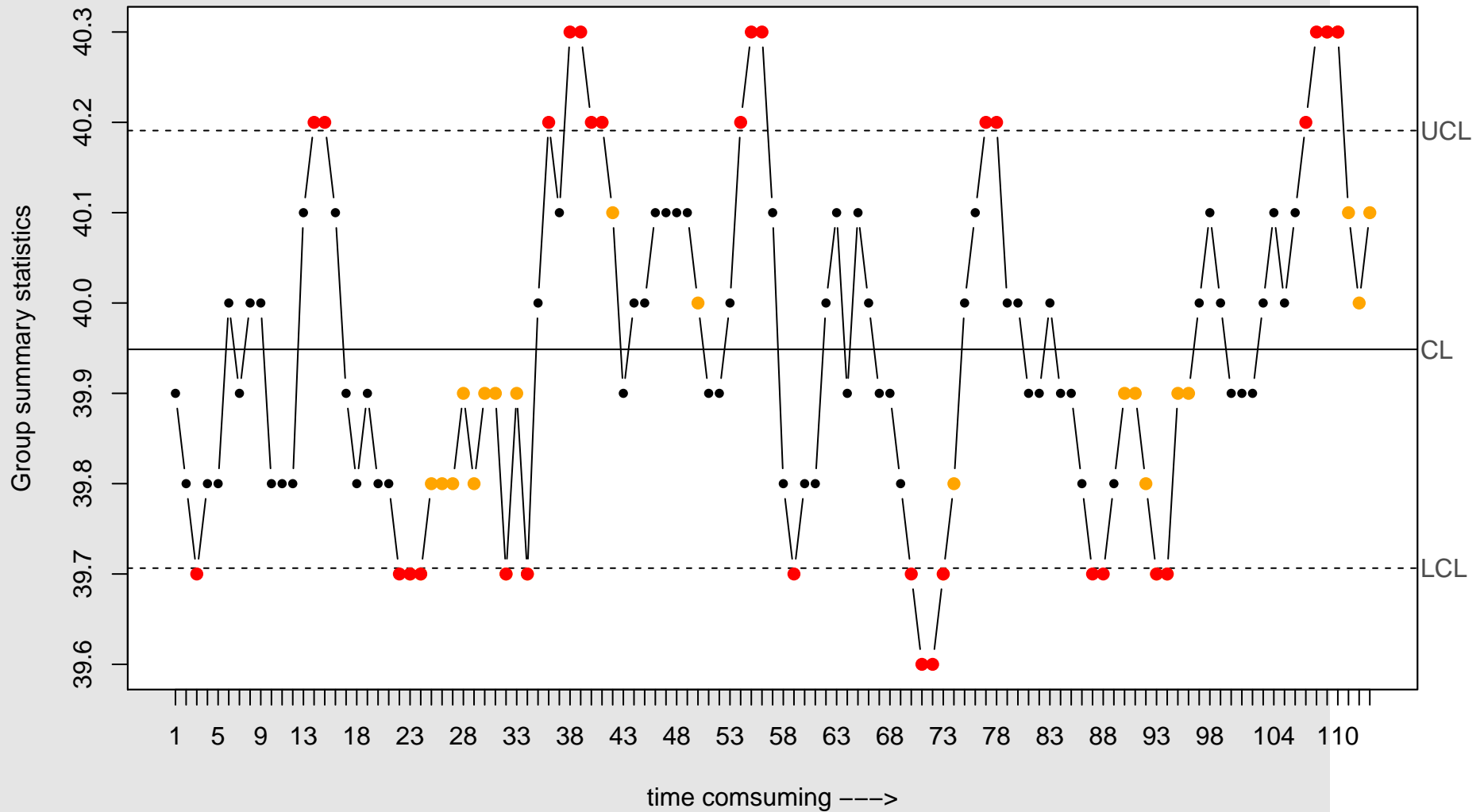


Number of groups = 113  
 Center = 39.99469  
 StdDev = 0.06648936

LCL = 39.79522  
 UCL = 40.19416

Number beyond limits = 27  
 Number violating runs = 45

## 255th column point of this product

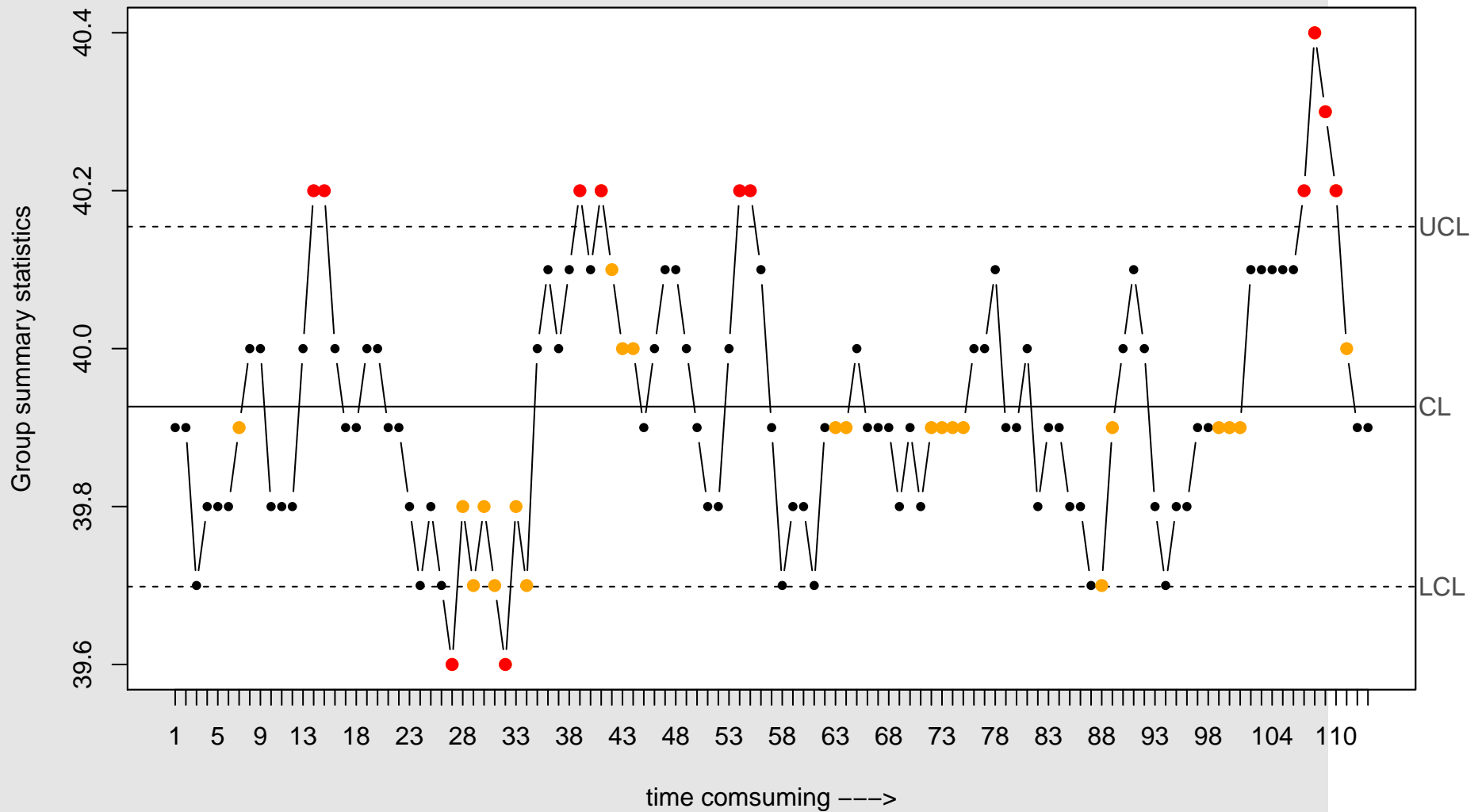


Number of groups = 113  
 Center = 39.94867  
 StdDev = 0.08073708

LCL = 39.70646  
 UCL = 40.19088

Number beyond limits = 31  
 Number violating runs = 29

## 256th column point of this product



Number of groups = 113

Center = 39.92655

StdDev = 0.07598784

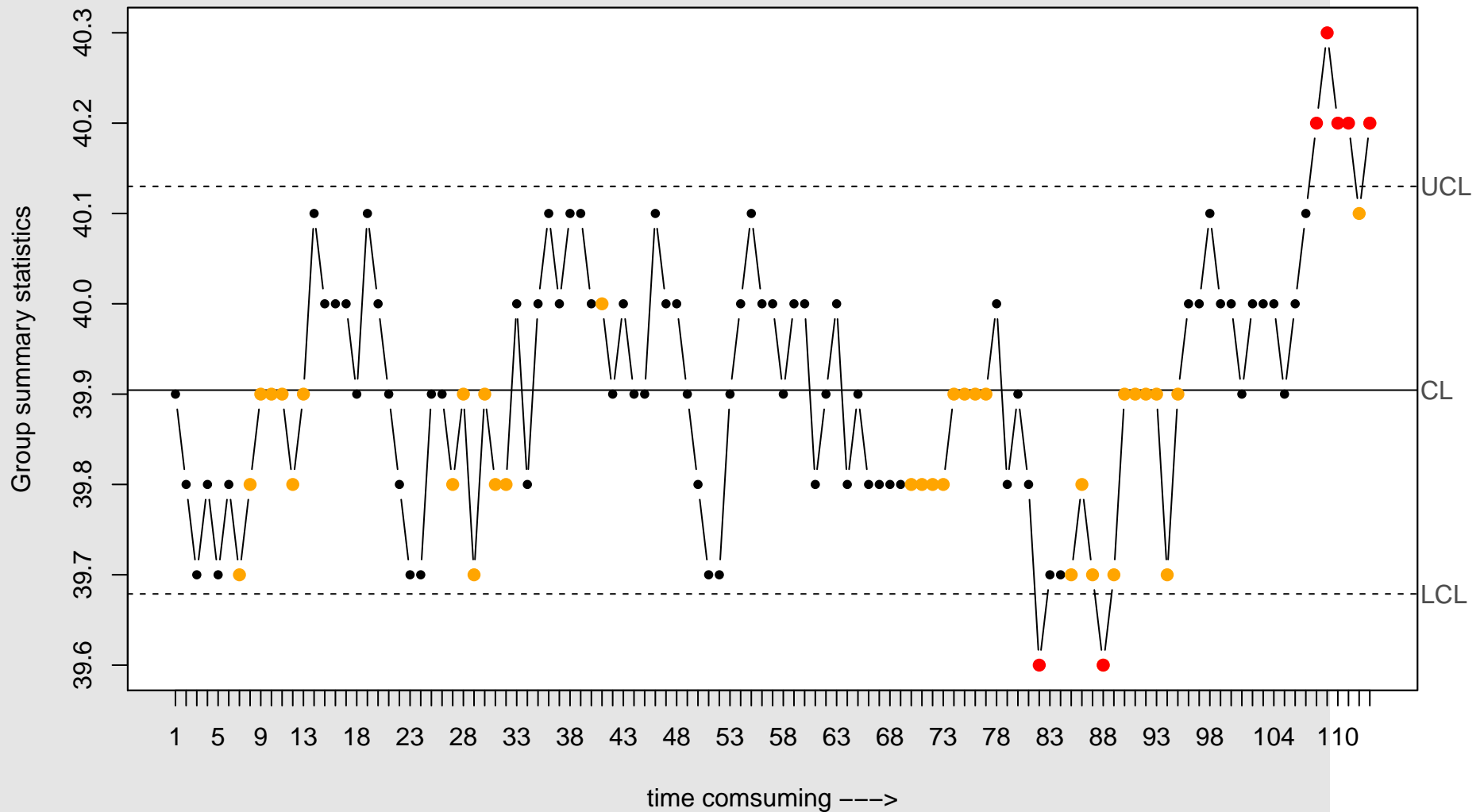
LCL = 39.69859

UCL = 40.15451

Number beyond limits = 12

Number violating runs = 28

## 257th column point of this product



Number of groups = 113

Center = 39.90442

StdDev = 0.0751963

LCL = 39.67884

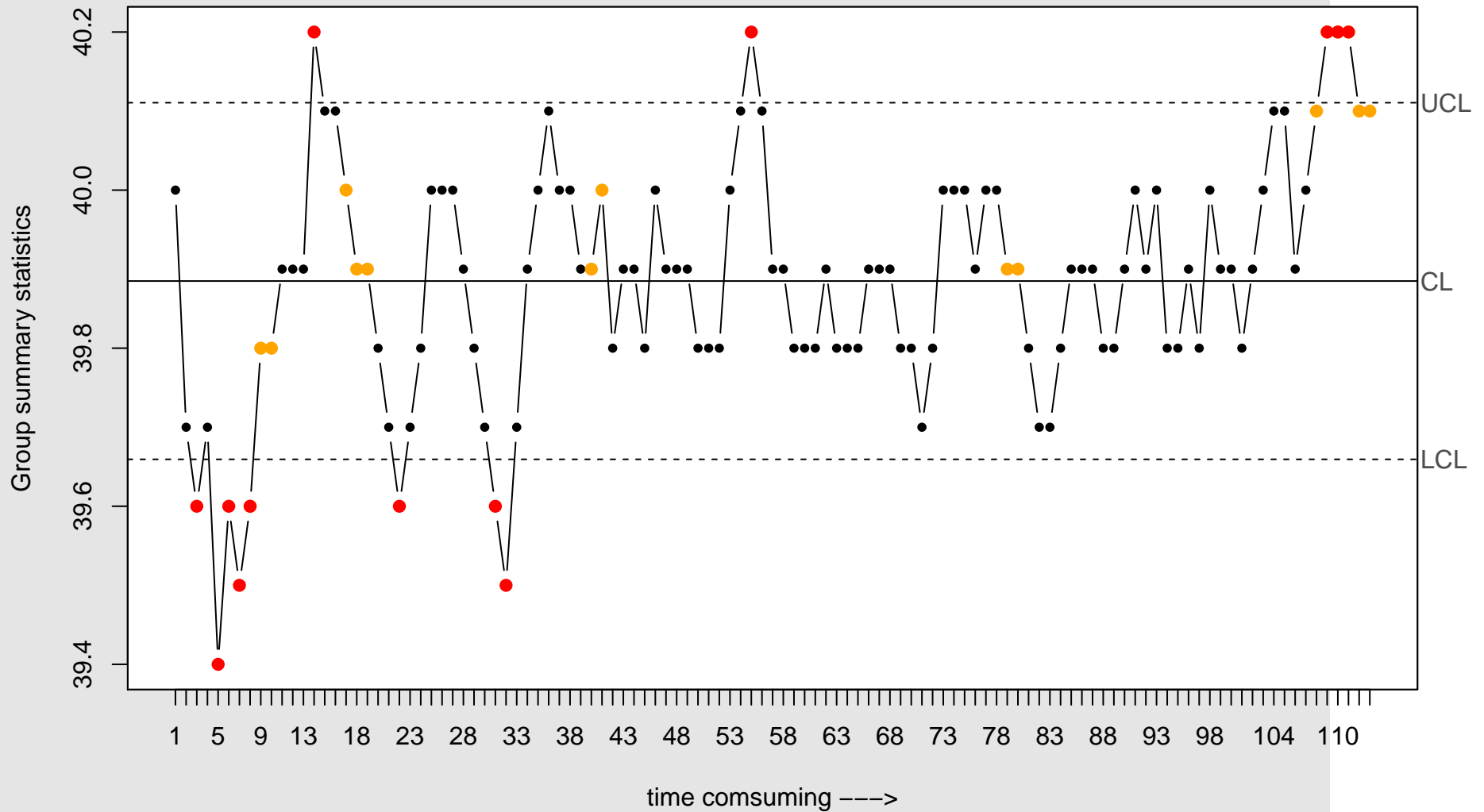
UCL = 40.13001

Number beyond limits = 7

Number violating runs = 35



## 258th column point of this product

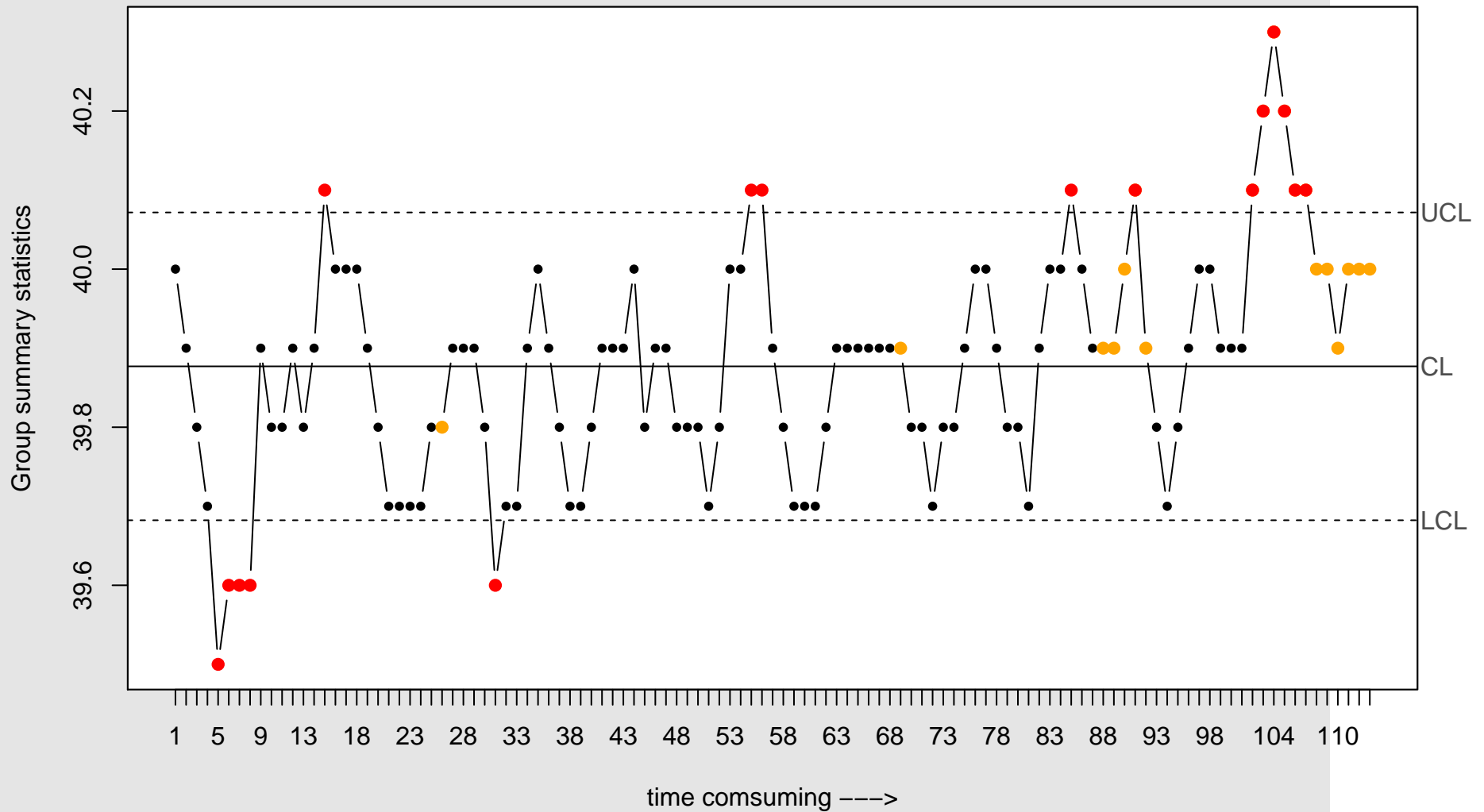


Number of groups = 113  
 Center = 39.88496  
 StdDev = 0.0751963

LCL = 39.65937  
 UCL = 40.11054

Number beyond limits = 13  
 Number violating runs = 16

## 259th column point of this product

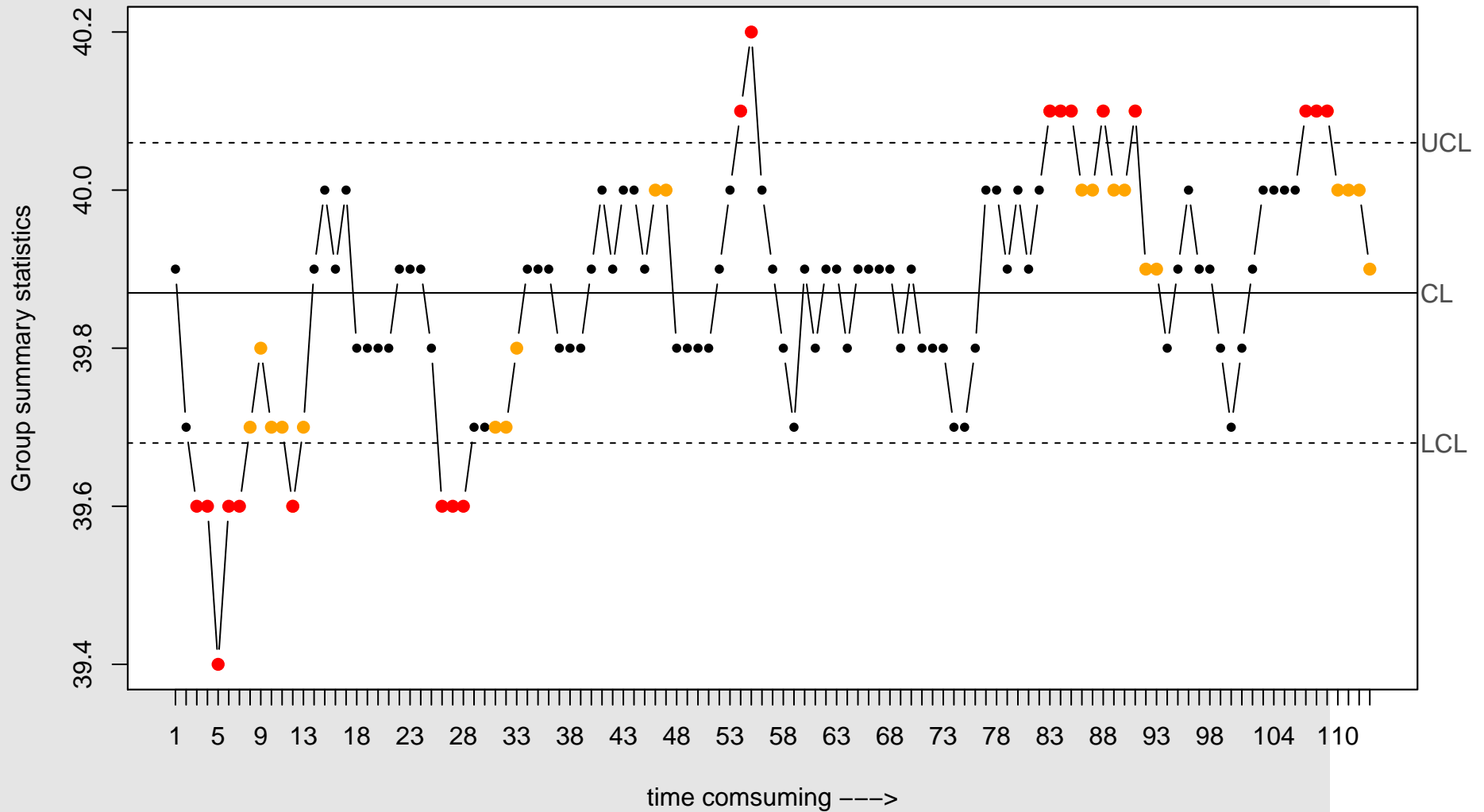


Number of groups = 113  
 Center = 39.87699  
 StdDev = 0.06490628

LCL = 39.68227  
 UCL = 40.07171

Number beyond limits = 16  
 Number violating runs = 19

## 260th column point of this product



Number of groups = 113

Center = 39.86991

StdDev = 0.0633232

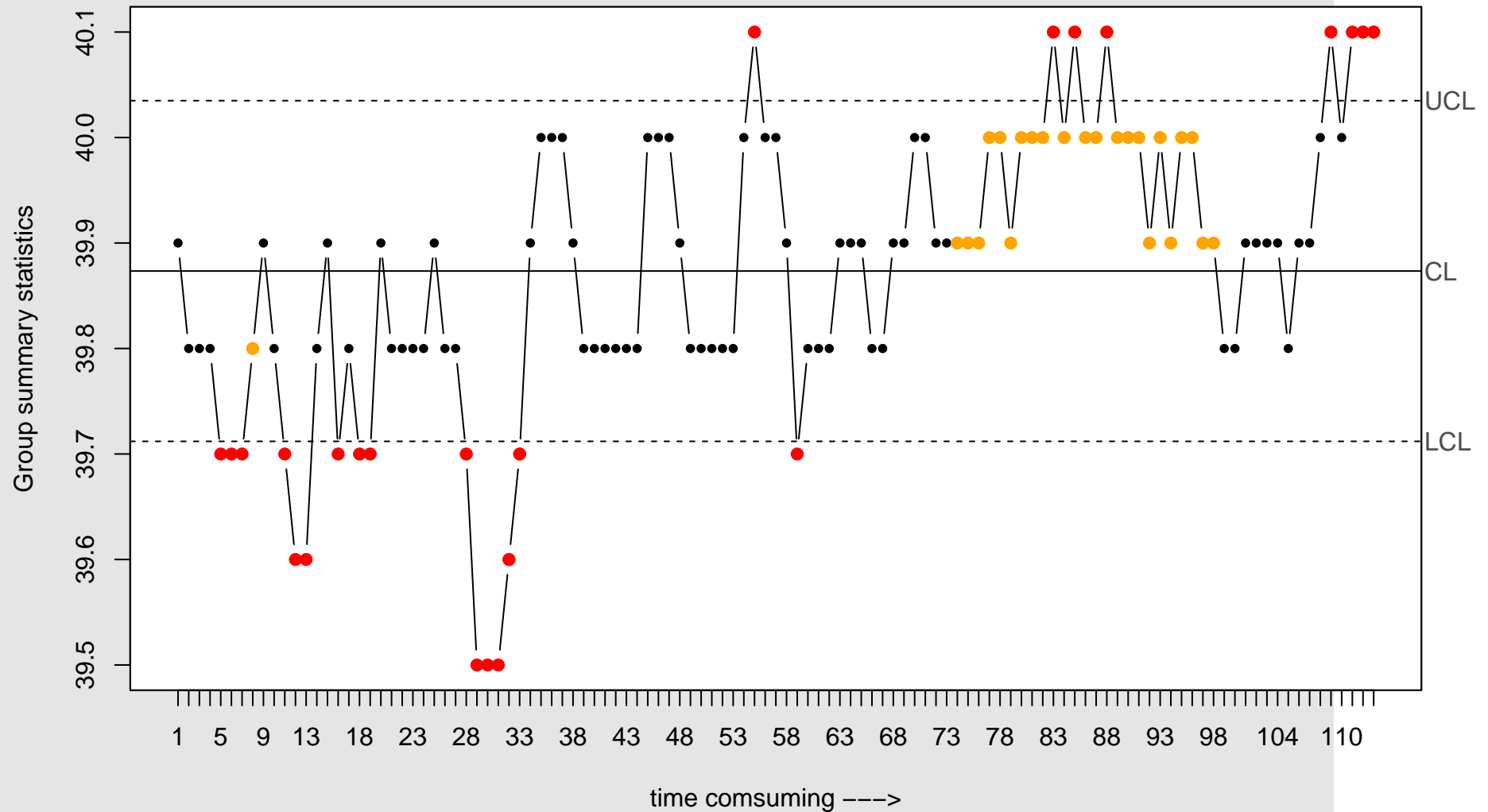
LCL = 39.67994

UCL = 40.05988

Number beyond limits = 19

Number violating runs = 28

## 261th column point of this product

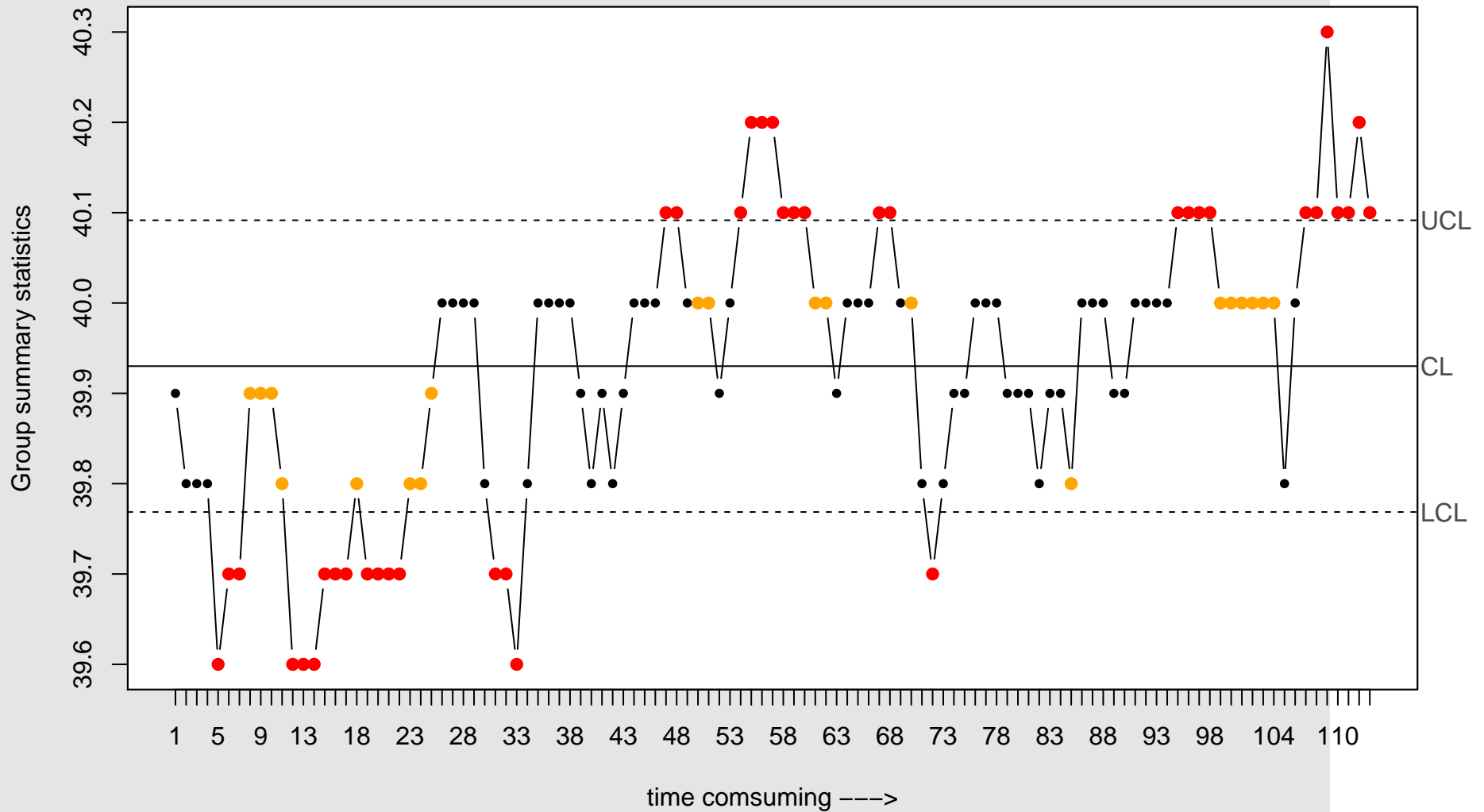


Number of groups = 113  
 Center = 39.87345  
 StdDev = 0.05382472

LCL = 39.71198  
 UCL = 40.03493

Number beyond limits = 24  
 Number violating runs = 30

## 262th column point of this product

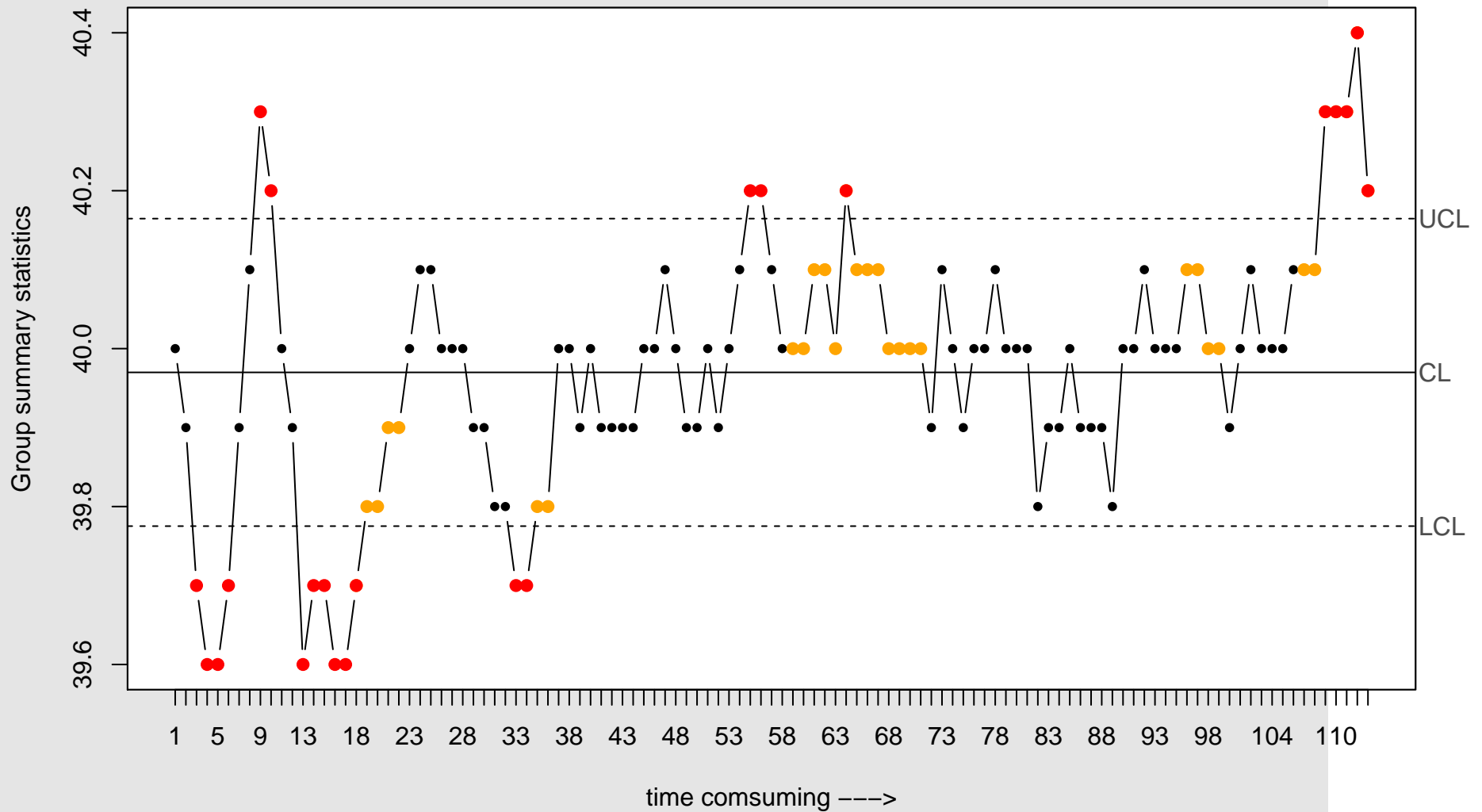


Number of groups = 113  
 Center = 39.93009  
 StdDev = 0.05382472

LCL = 39.76861  
 UCL = 40.09156

Number beyond limits = 39  
 Number violating runs = 37

## 263th column point of this product



Number of groups = 113

Center = 39.96991

StdDev = 0.06490628

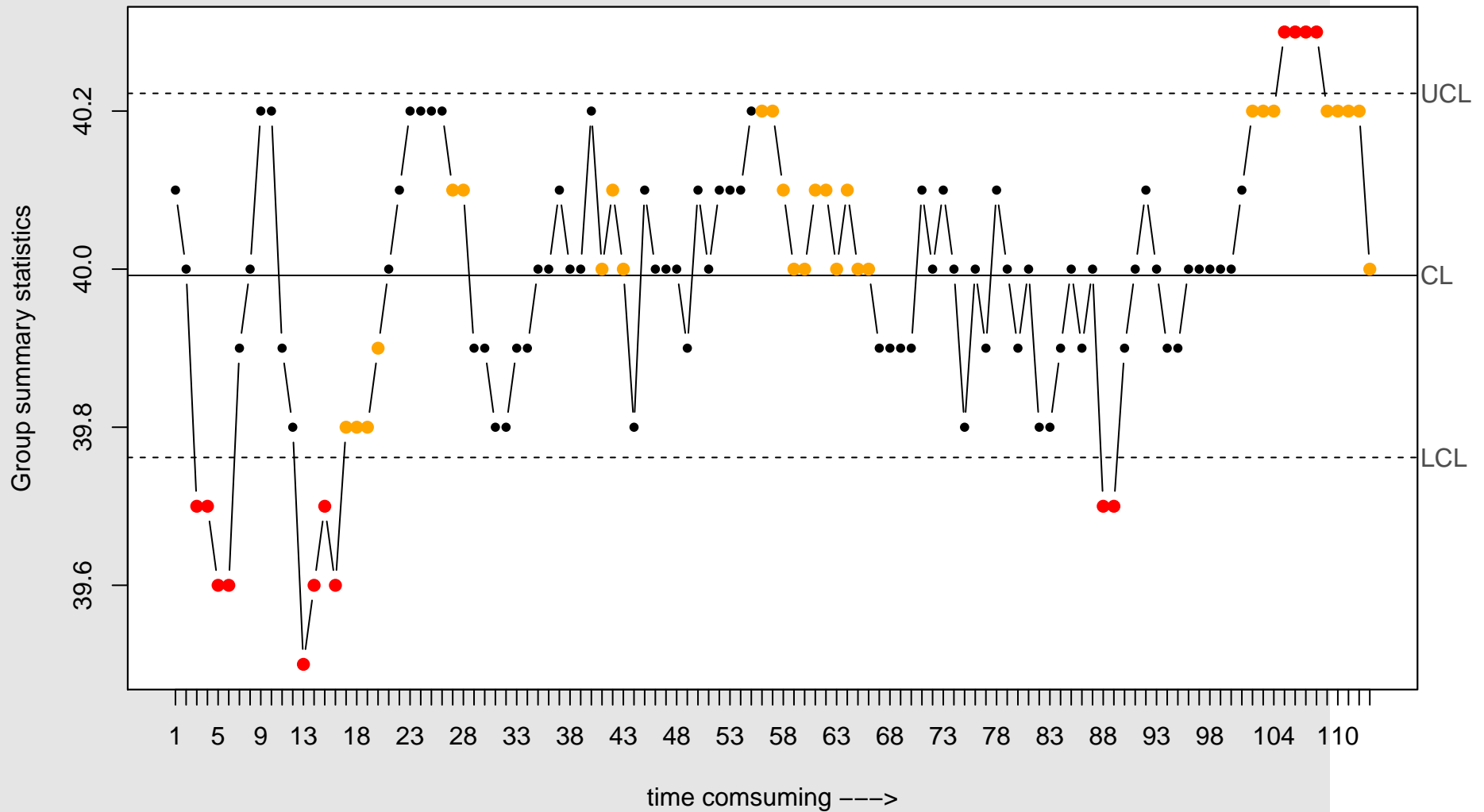
LCL = 39.77519

UCL = 40.16463

Number beyond limits = 22

Number violating runs = 31

## 264th column point of this product

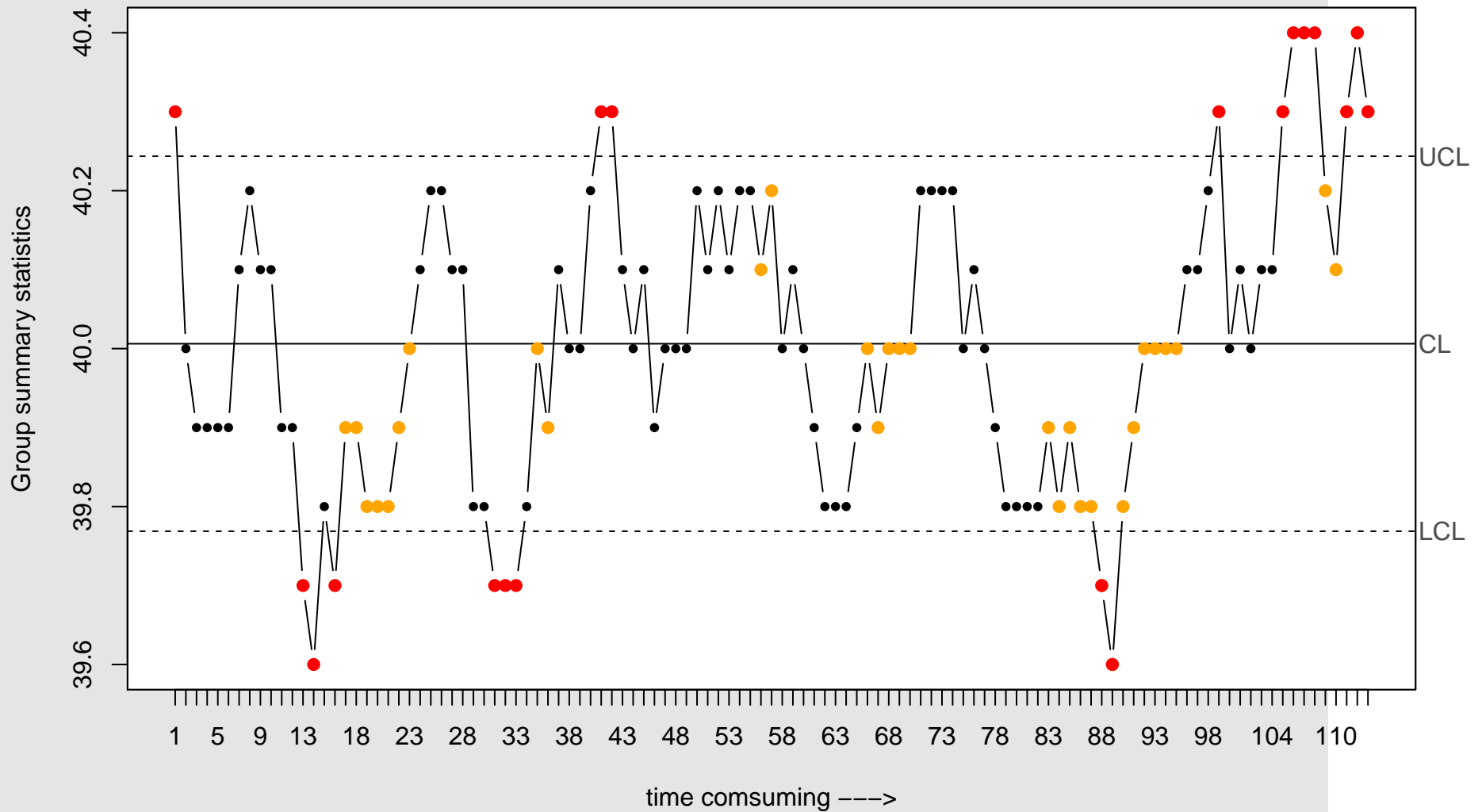


Number of groups = 113  
 Center = 39.99204  
 StdDev = 0.07677938

LCL = 39.7617  
 UCL = 40.22237

Number beyond limits = 14  
 Number violating runs = 32

## 265th column point of this product



Number of groups = 113

Center = 40.00619

StdDev = 0.079154

LCL = 39.76873

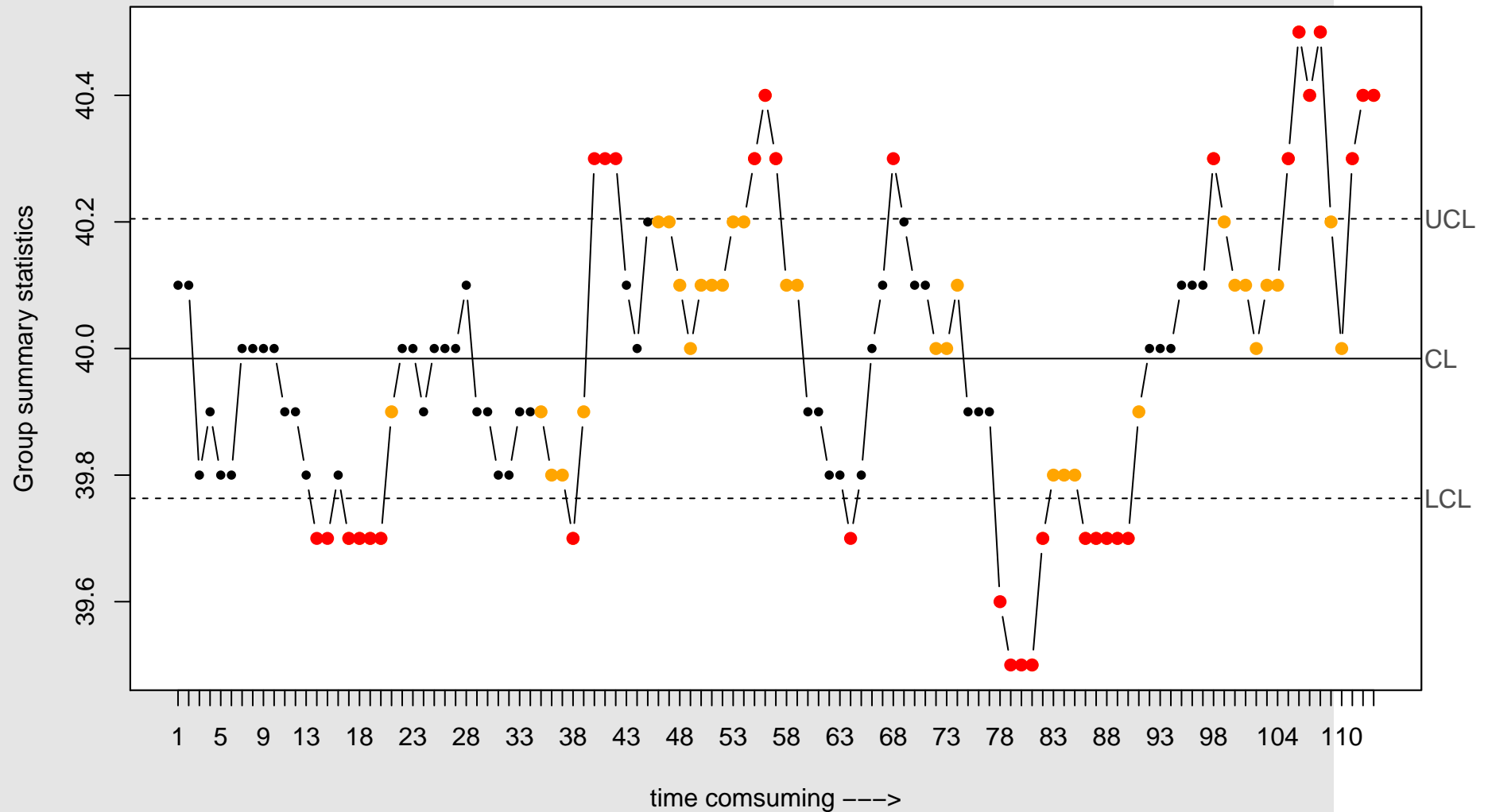
UCL = 40.24366

Number beyond limits = 19

Number violating runs = 34



## 266th column point of this product

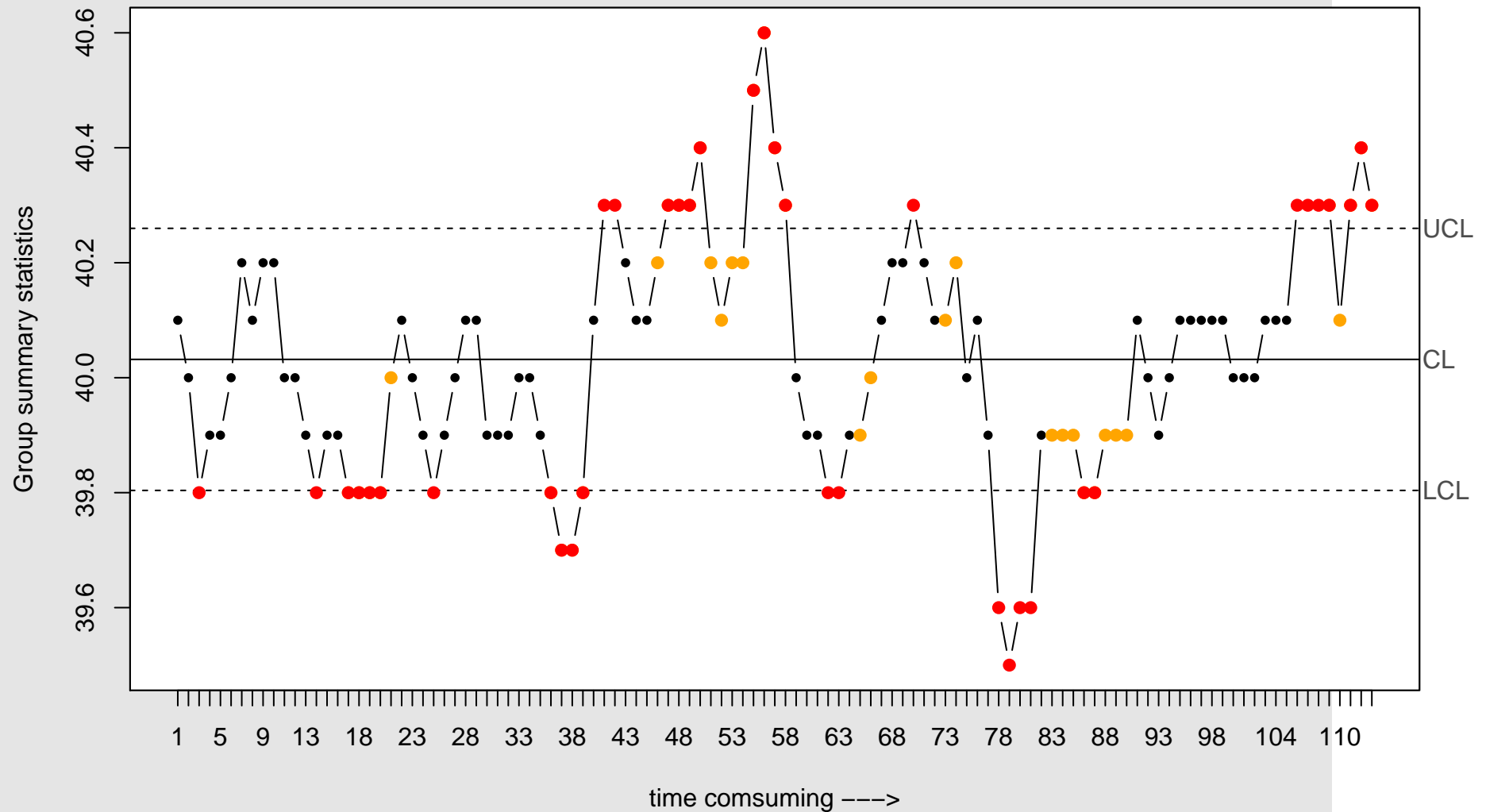


Number of groups = 113  
 Center = 39.98407  
 StdDev = 0.07361322

LCL = 39.76323  
 UCL = 40.20491

Number beyond limits = 33  
 Number violating runs = 54

## 267th column point of this product



Number of groups = 113

Center = 40.03186

StdDev = 0.07598784

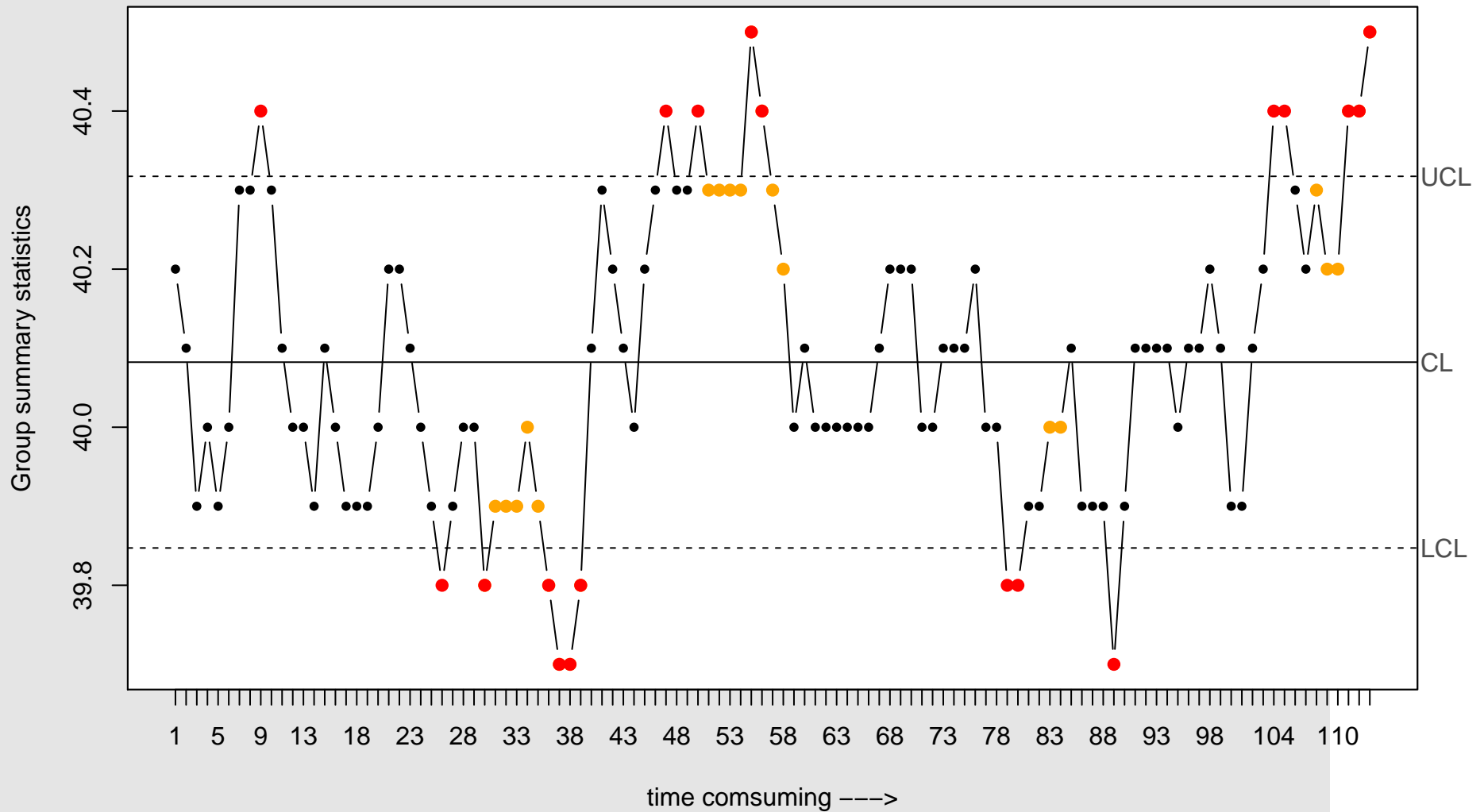
LCL = 39.80389

UCL = 40.25982

Number beyond limits = 37

Number violating runs = 39

## 268th column point of this product



Number of groups = 113

Center = 40.0823

StdDev = 0.07836246

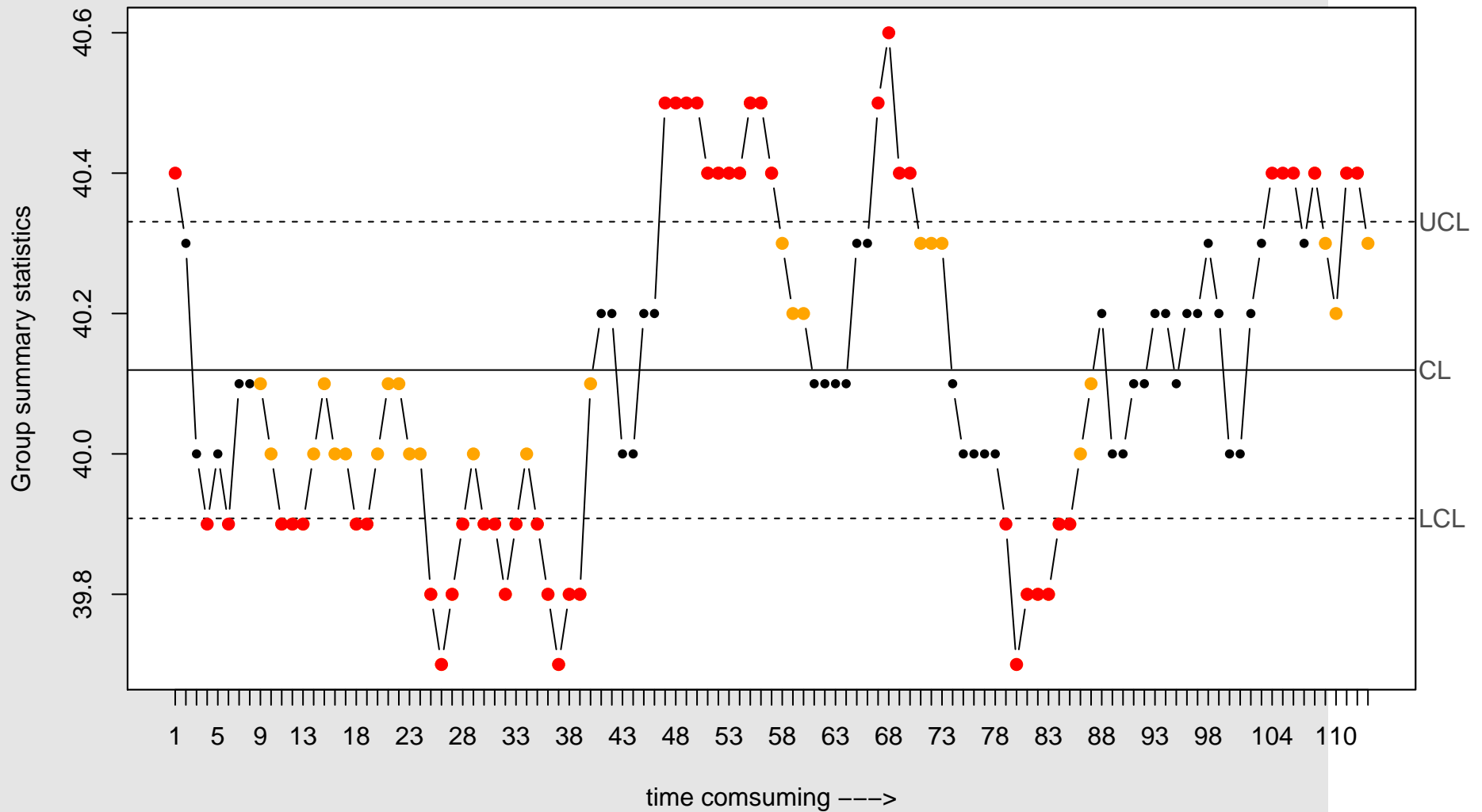
LCL = 39.84721

UCL = 40.31739

Number beyond limits = 19

Number violating runs = 26

## 269th column point of this product



Number of groups = 113

Center = 40.11947

StdDev = 0.07044706

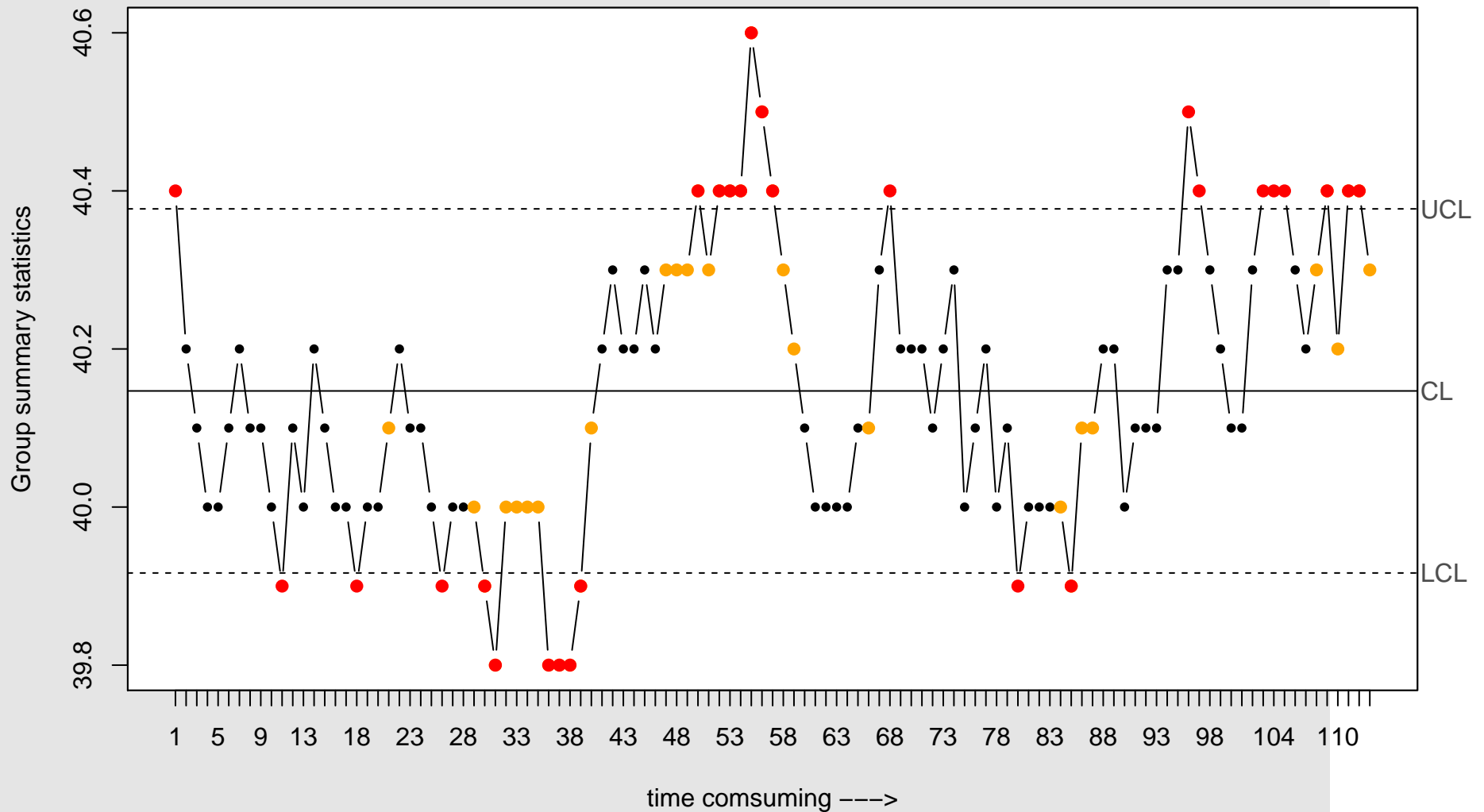
LCL = 39.90813

UCL = 40.33081

Number beyond limits = 49

Number violating runs = 59

## 270th column point of this product

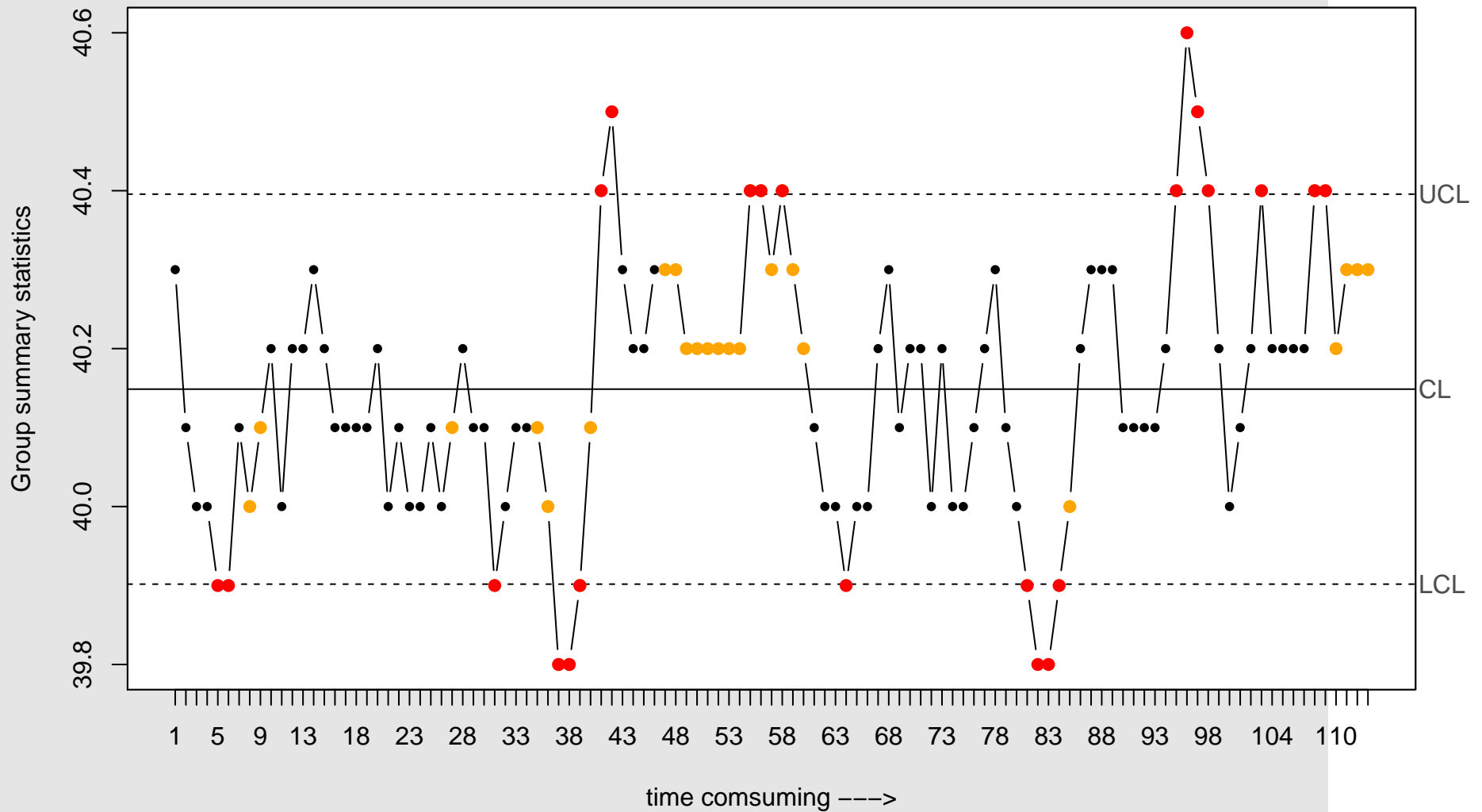


Number of groups = 113  
 Center = 40.1469  
 StdDev = 0.07677938

LCL = 39.91656  
 UCL = 40.37724

Number beyond limits = 28  
 Number violating runs = 37

## 271th column point of this product

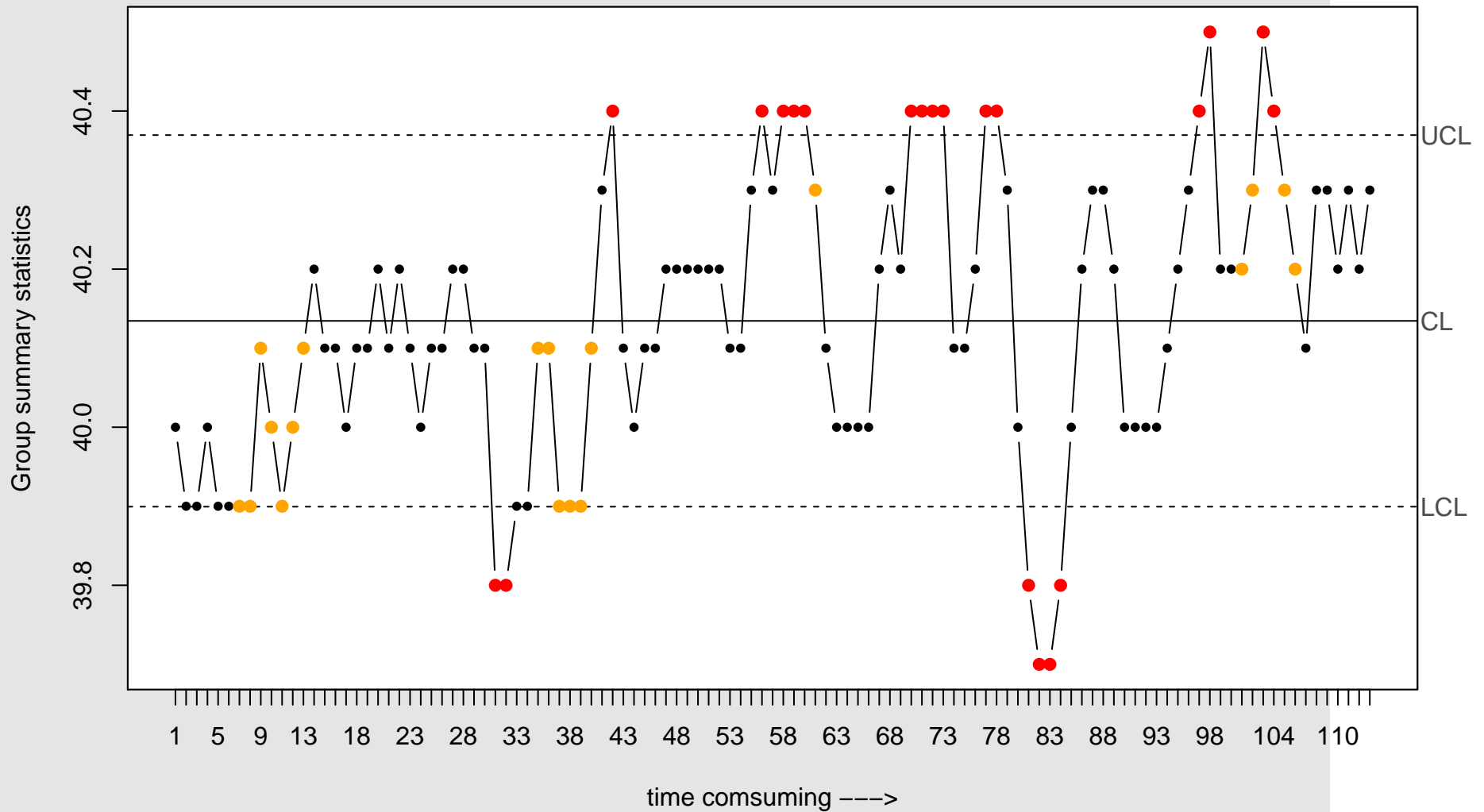


Number of groups = 113  
 Center = 40.14867  
 StdDev = 0.08232016

LCL = 39.90171  
 UCL = 40.39563

Number beyond limits = 23  
 Number violating runs = 30

## 272th column point of this product



Number of groups = 113

Center = 40.13451

StdDev = 0.07836246

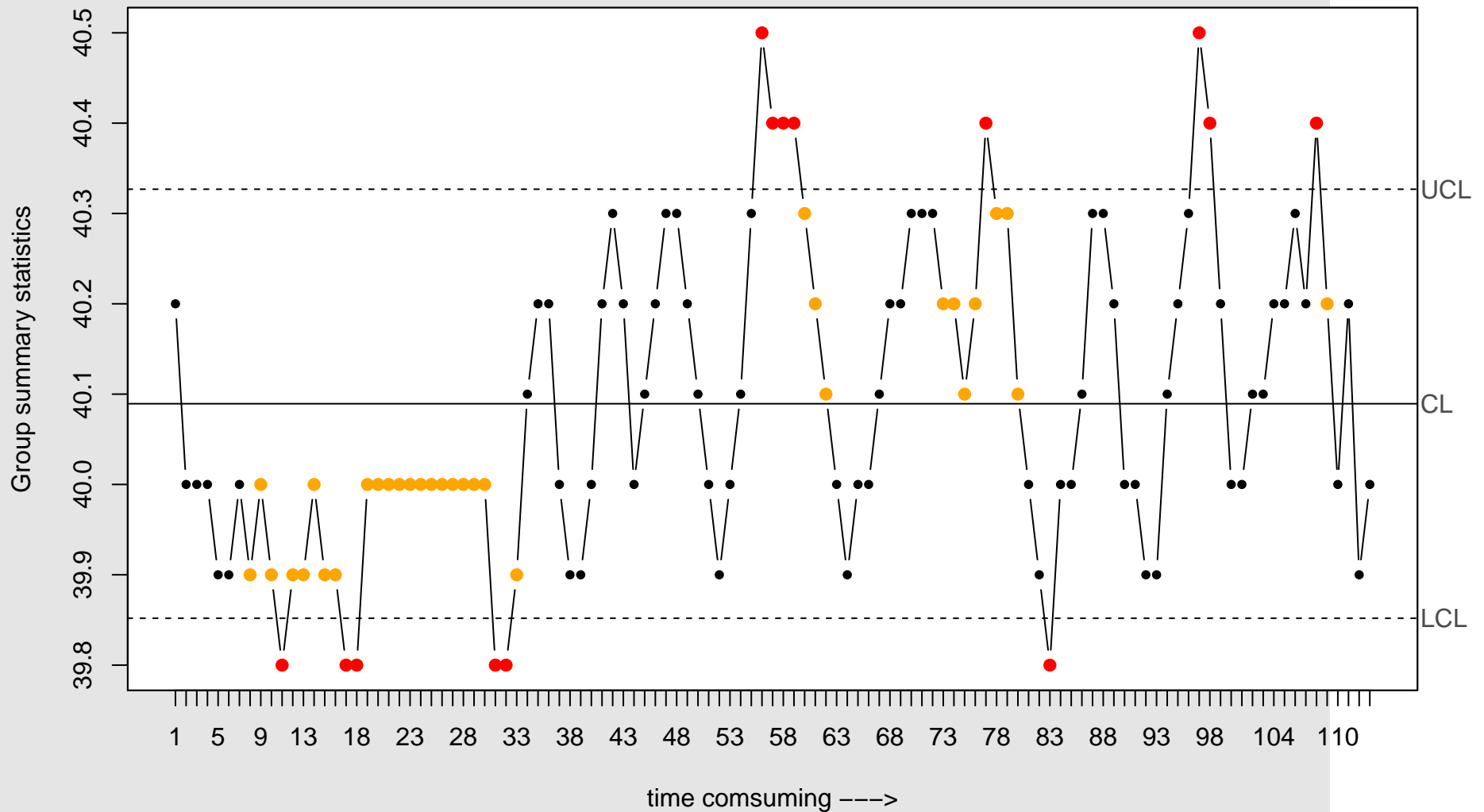
LCL = 39.89943

UCL = 40.3696

Number beyond limits = 21

Number violating runs = 21

## 273th column point of this product



Number of groups = 113

Center = 40.08938

StdDev = 0.079154

LCL = 39.85192

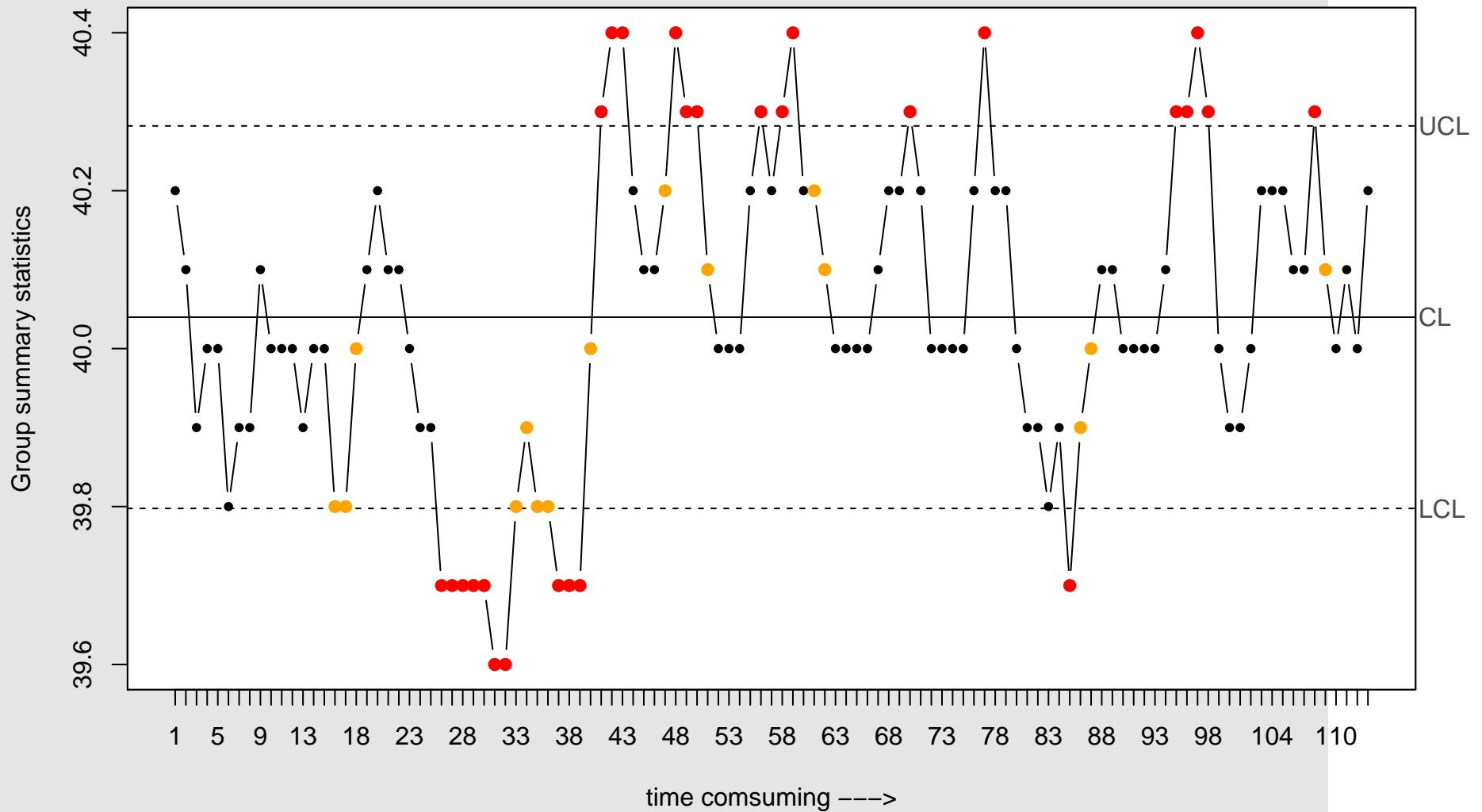
UCL = 40.32684

Number beyond limits = 14

Number violating runs = 39



## 274th column point of this product

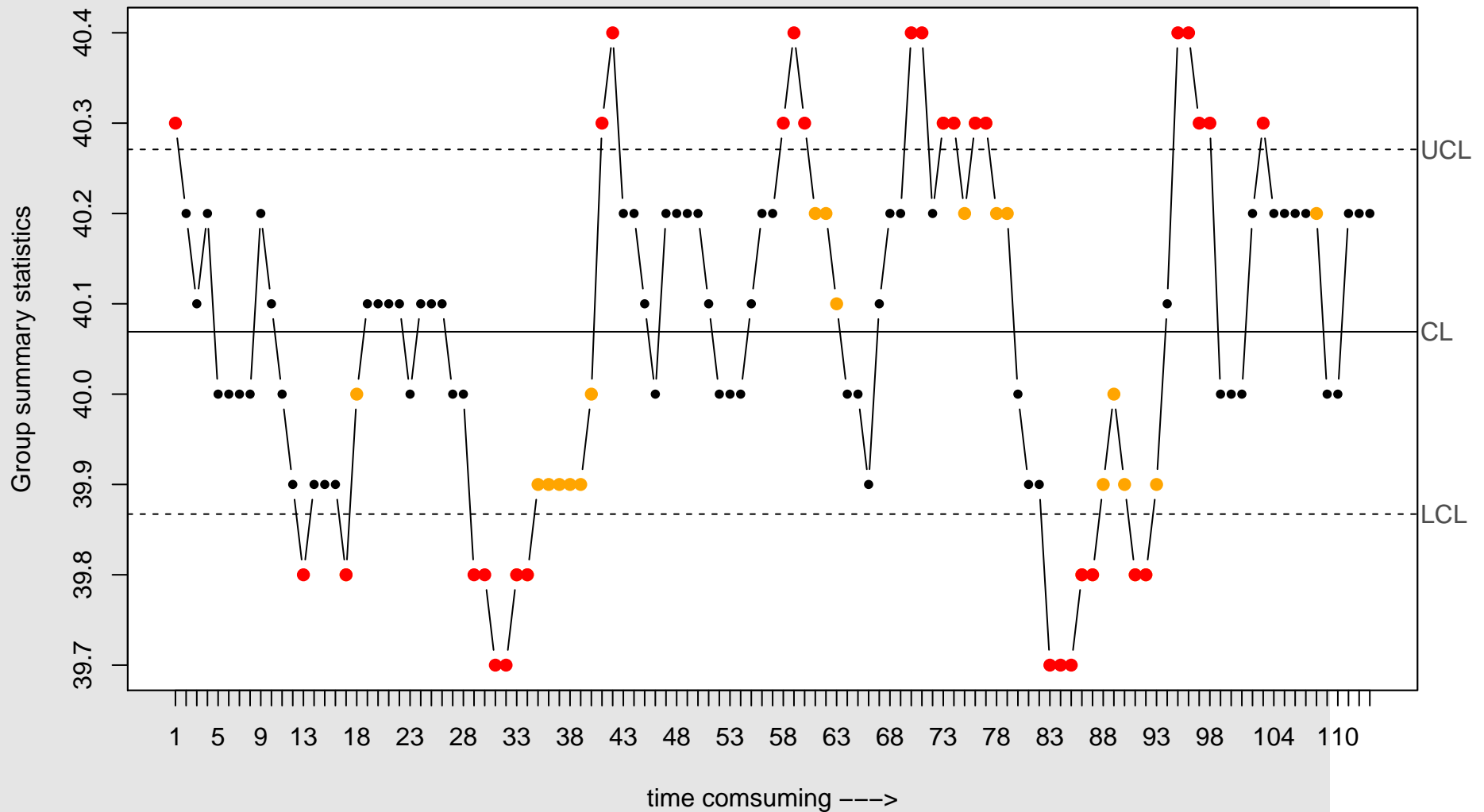


Number of groups = 113  
 Center = 40.03982  
 StdDev = 0.08073708

LCL = 39.79761  
 UCL = 40.28203

Number beyond limits = 27  
 Number violating runs = 25

## 275th column point of this product



Number of groups = 113

Center = 40.06903

StdDev = 0.0672809

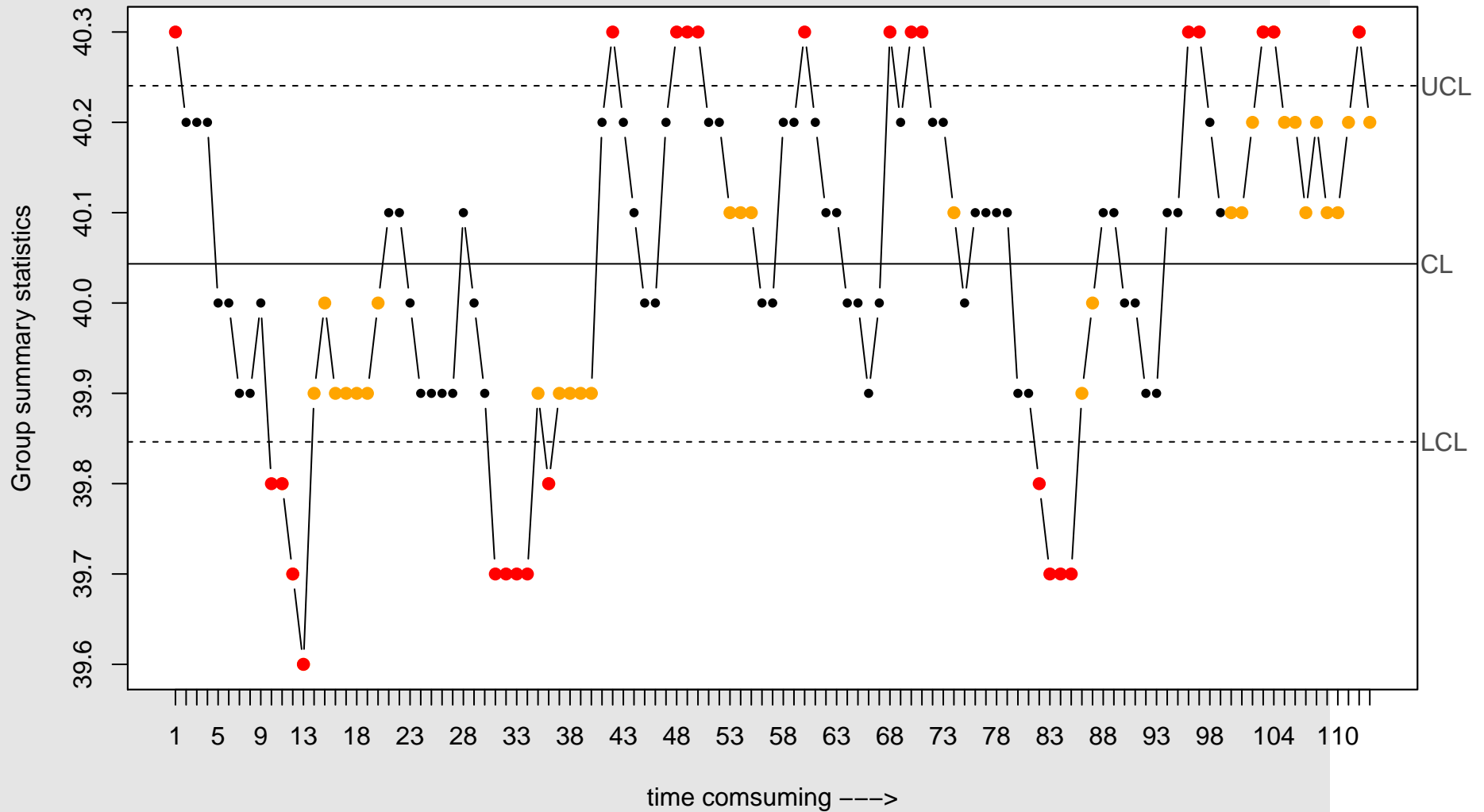
LCL = 39.86718

UCL = 40.27087

Number beyond limits = 32

Number violating runs = 29

## 276th column point of this product



Number of groups = 113

Center = 40.04336

StdDev = 0.06569782

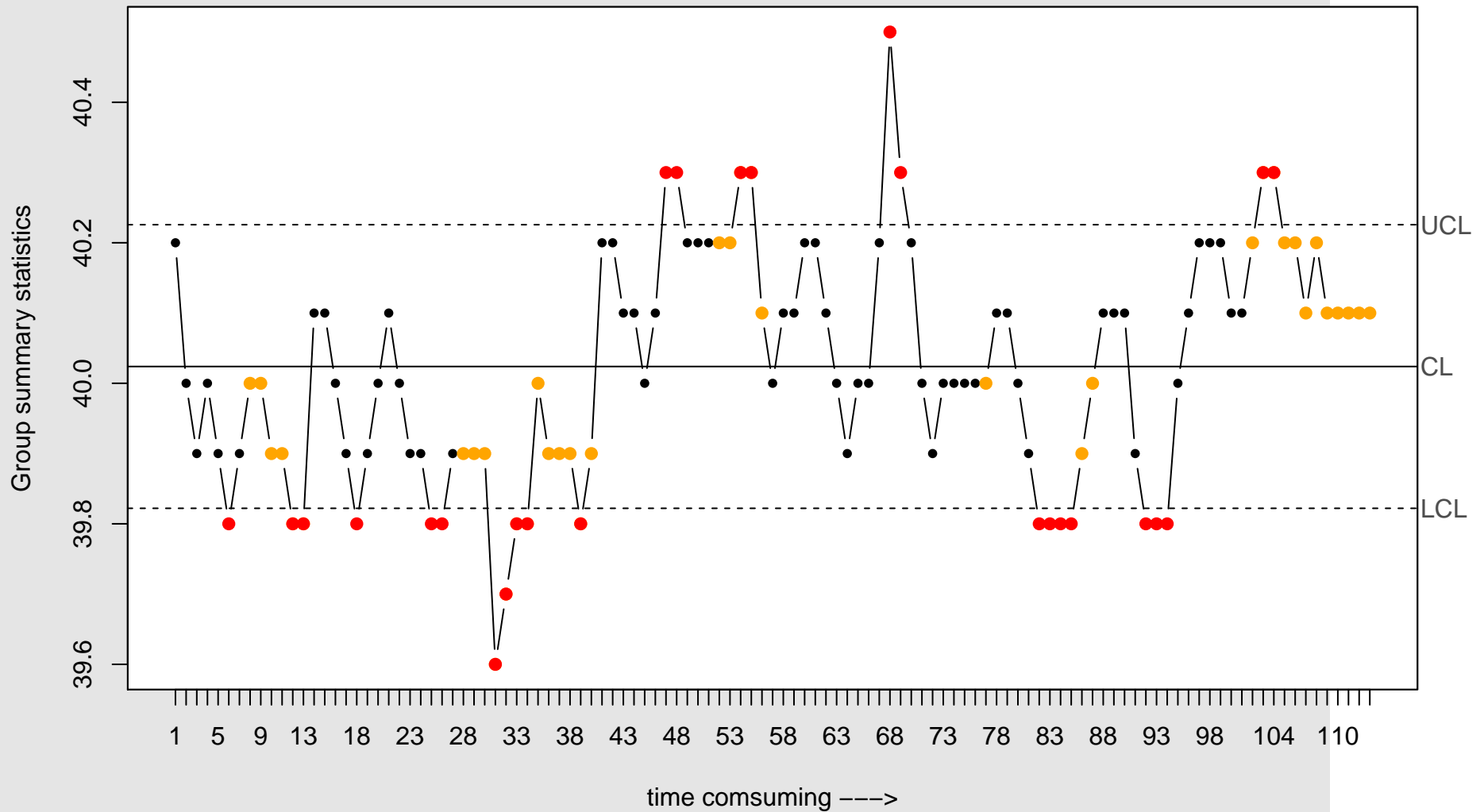
LCL = 39.84627

UCL = 40.24046

Number beyond limits = 27

Number violating runs = 36

## 277th column point of this product



Number of groups = 113

Center = 40.02389

StdDev = 0.0672809

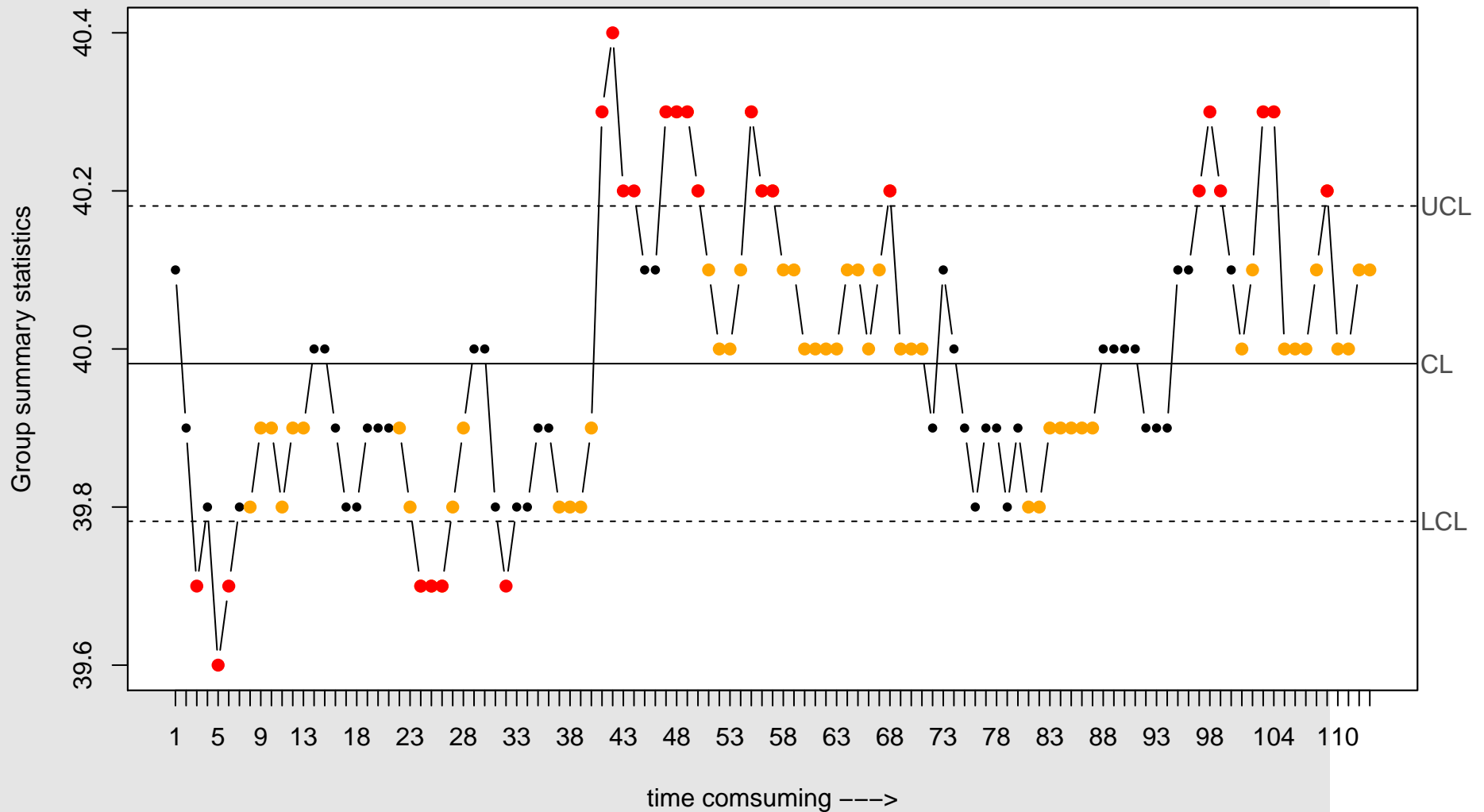
LCL = 39.82205

UCL = 40.22574

Number beyond limits = 26

Number violating runs = 39

## 278th column point of this product

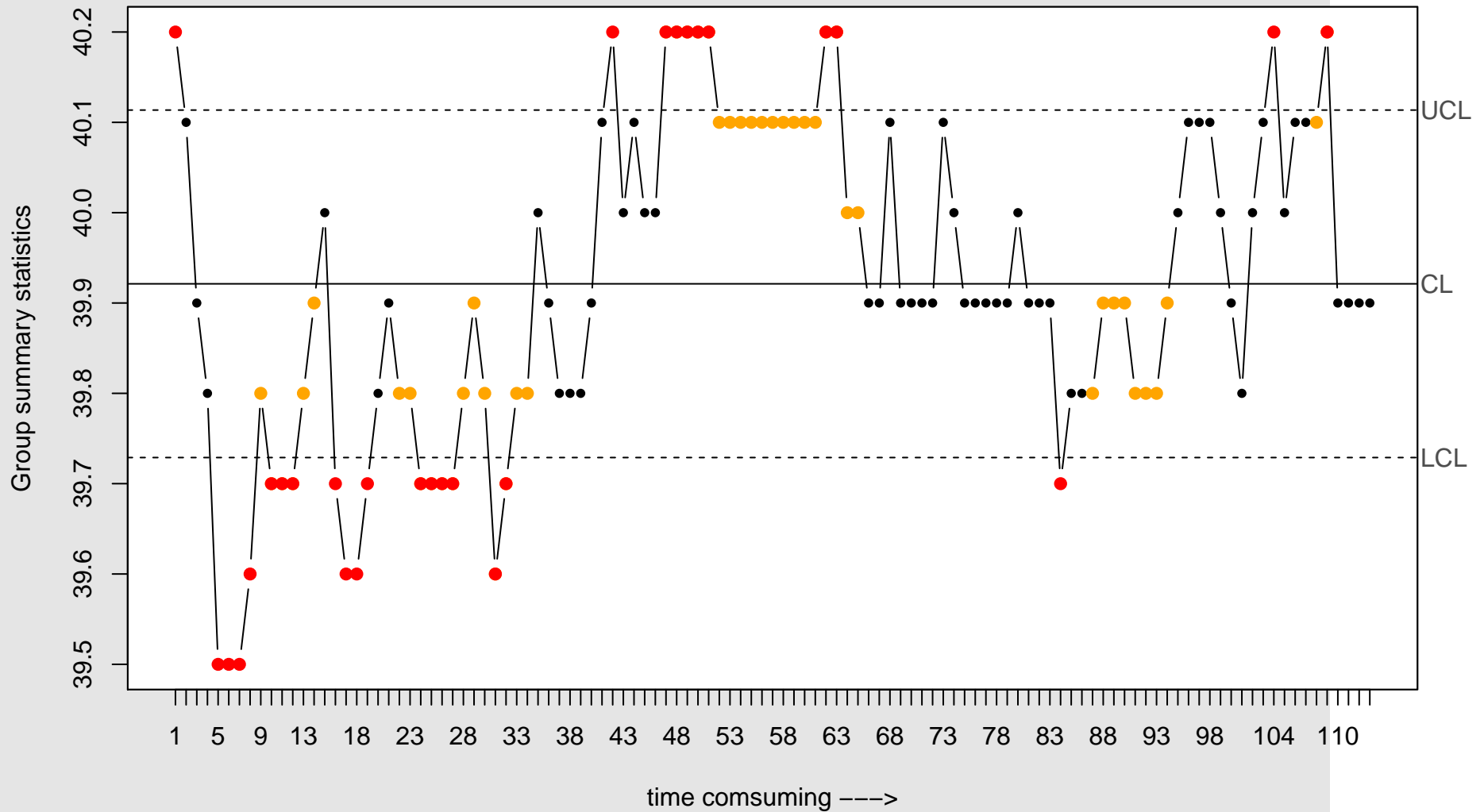


Number of groups = 113  
 Center = 39.98142  
 StdDev = 0.06648936

LCL = 39.78195  
 UCL = 40.18088

Number beyond limits = 25  
 Number violating runs = 62

## 279th column point of this product

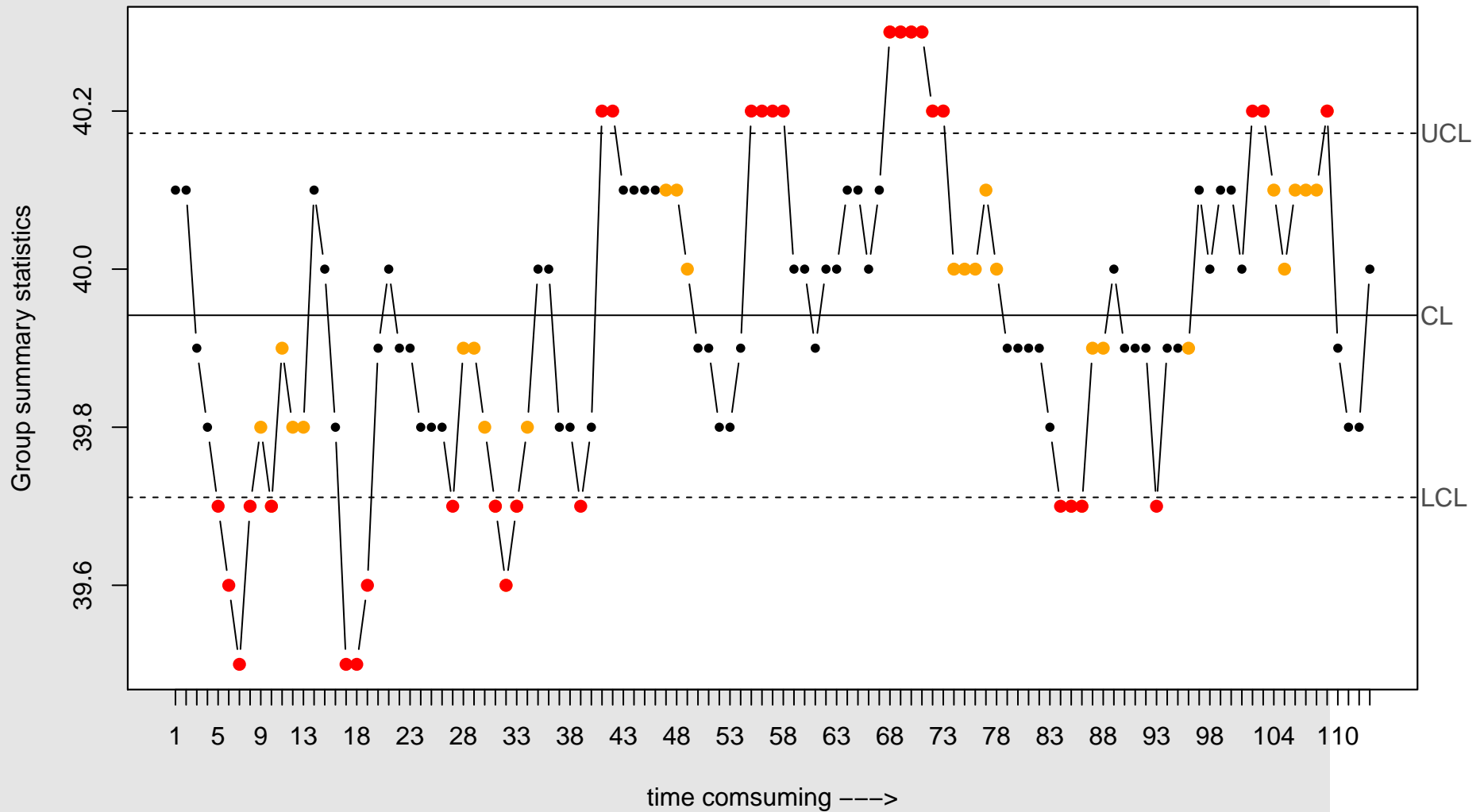


Number of groups = 113  
 Center = 39.92124  
 StdDev = 0.06411474

LCL = 39.72889  
 UCL = 40.11358

Number beyond limits = 29  
 Number violating runs = 48

## 280th column point of this product

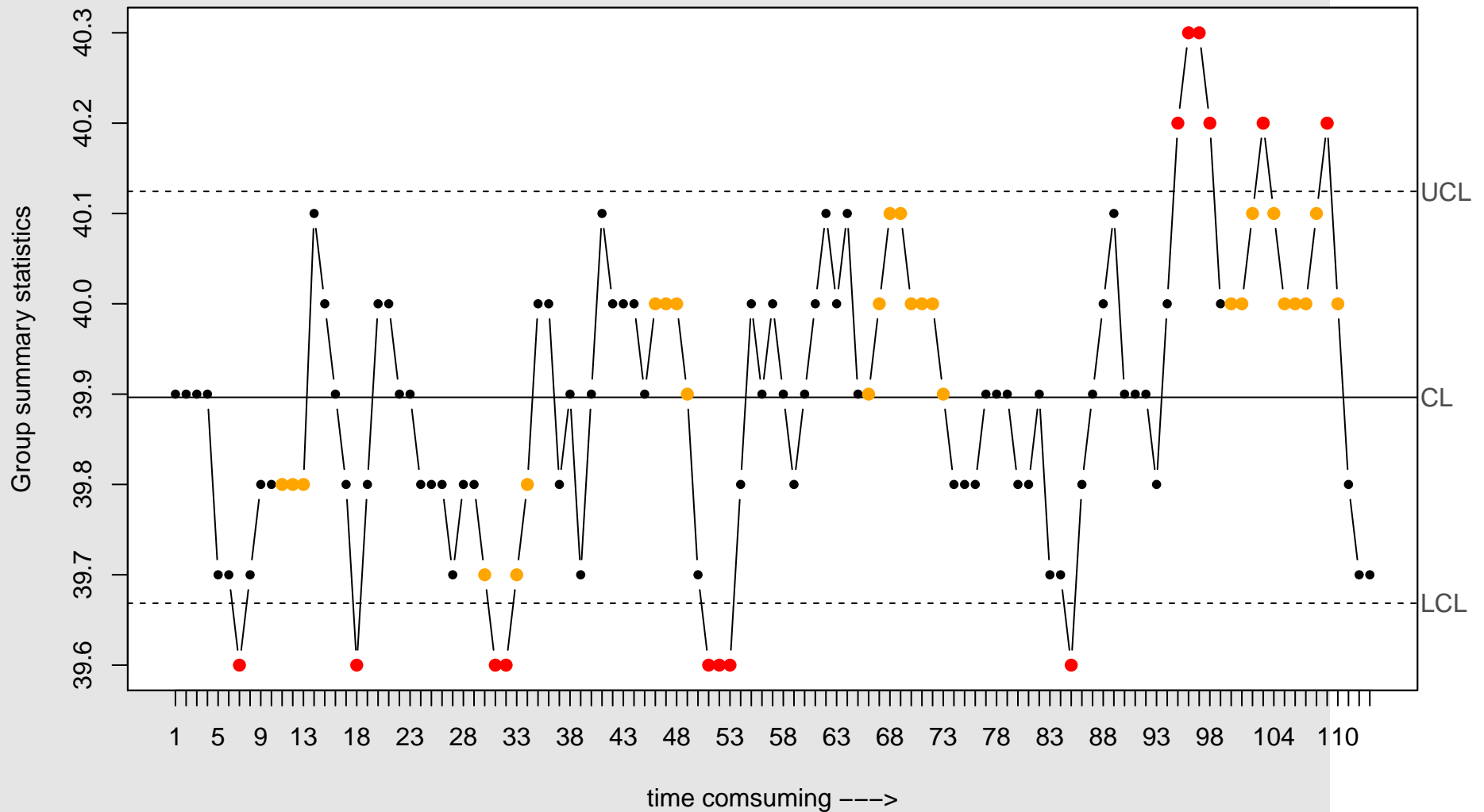


Number of groups = 113  
 Center = 39.94159  
 StdDev = 0.07677938

LCL = 39.71125  
 UCL = 40.17193

Number beyond limits = 32  
 Number violating runs = 38

## 281th column point of this product



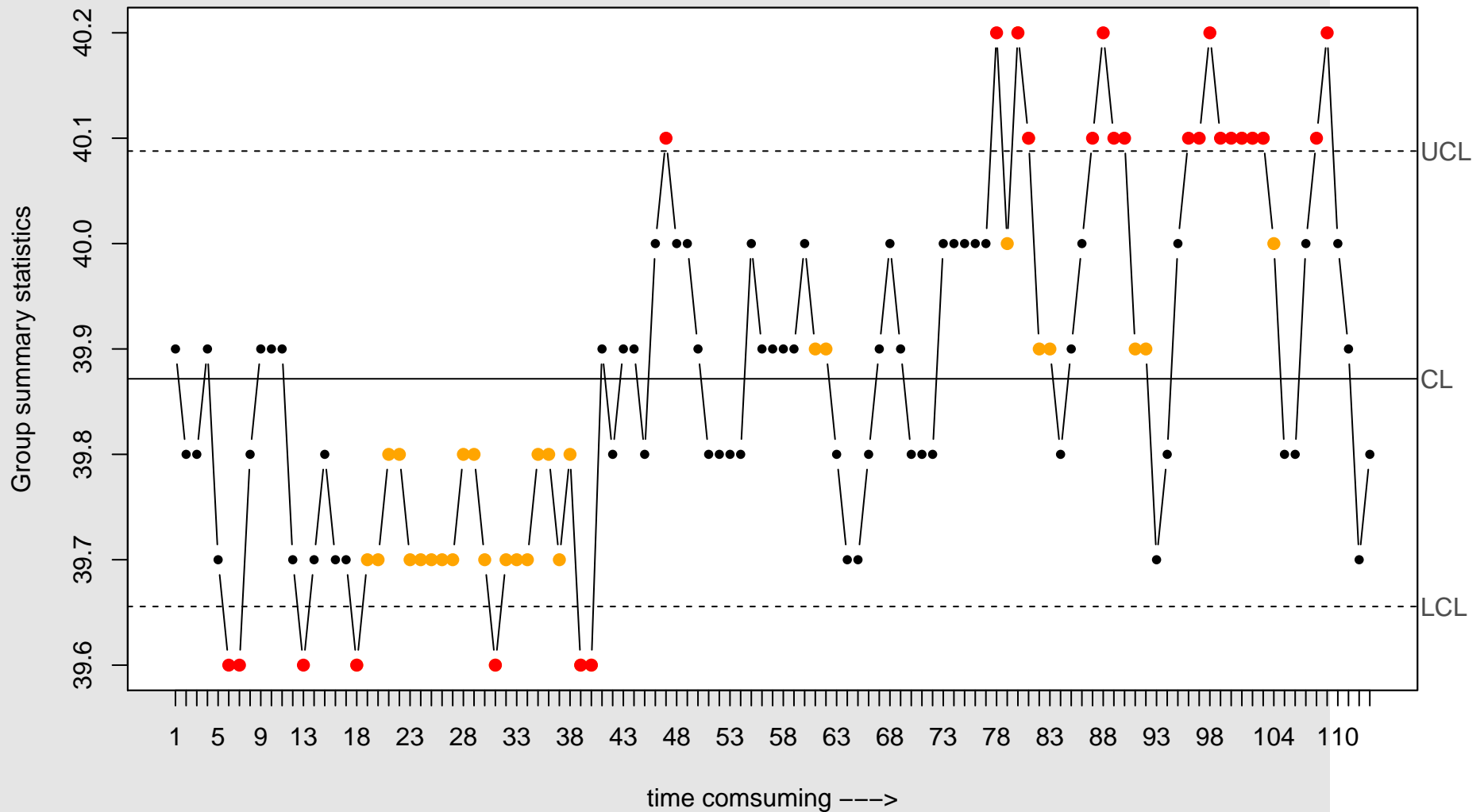
Number of groups = 113  
 Center = 39.89646  
 StdDev = 0.07598784

LCL = 39.6685  
 UCL = 40.12442

Number beyond limits = 14  
 Number violating runs = 31



## 282th column point of this product

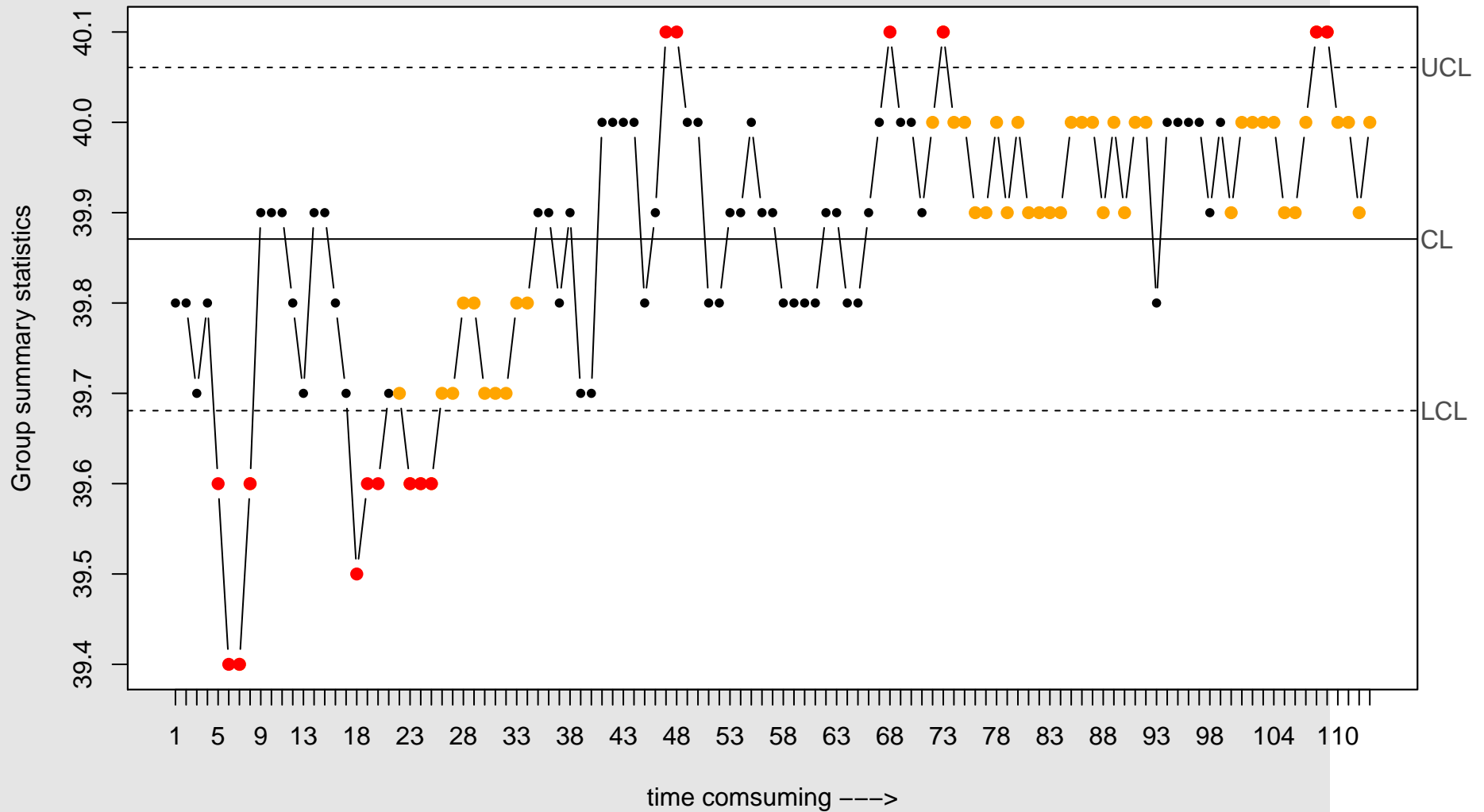


Number of groups = 113  
 Center = 39.87168  
 StdDev = 0.07203014

LCL = 39.65559  
 UCL = 40.08777

Number beyond limits = 25  
 Number violating runs = 36

## 283th column point of this product

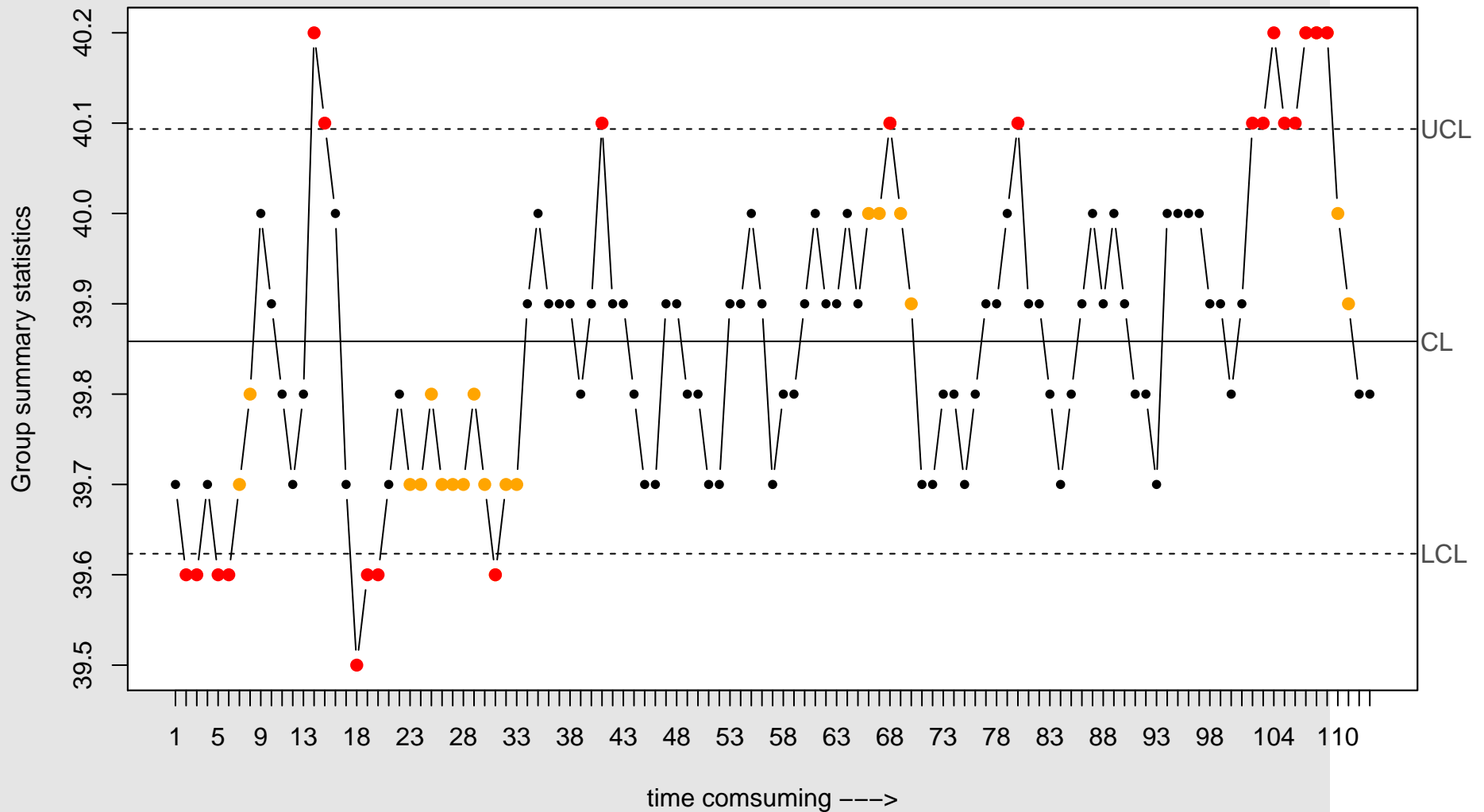


Number of groups = 113  
 Center = 39.8708  
 StdDev = 0.0633232

LCL = 39.68083  
 UCL = 40.06077

Number beyond limits = 16  
 Number violating runs = 50

## 284th column point of this product

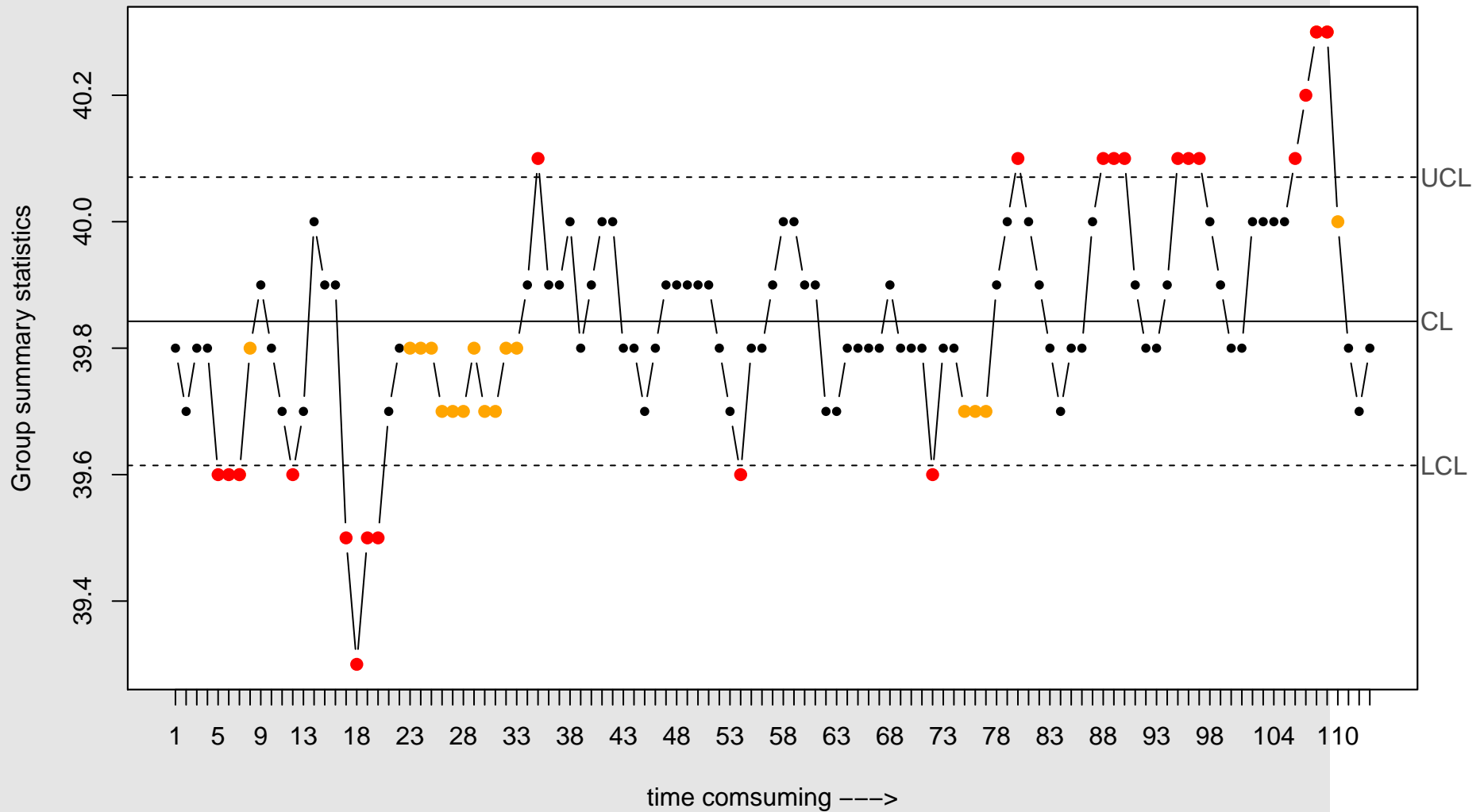


Number of groups = 113  
 Center = 39.85841  
 StdDev = 0.07836246

LCL = 39.62332  
 UCL = 40.09349

Number beyond limits = 21  
 Number violating runs = 23

## 285th column point of this product

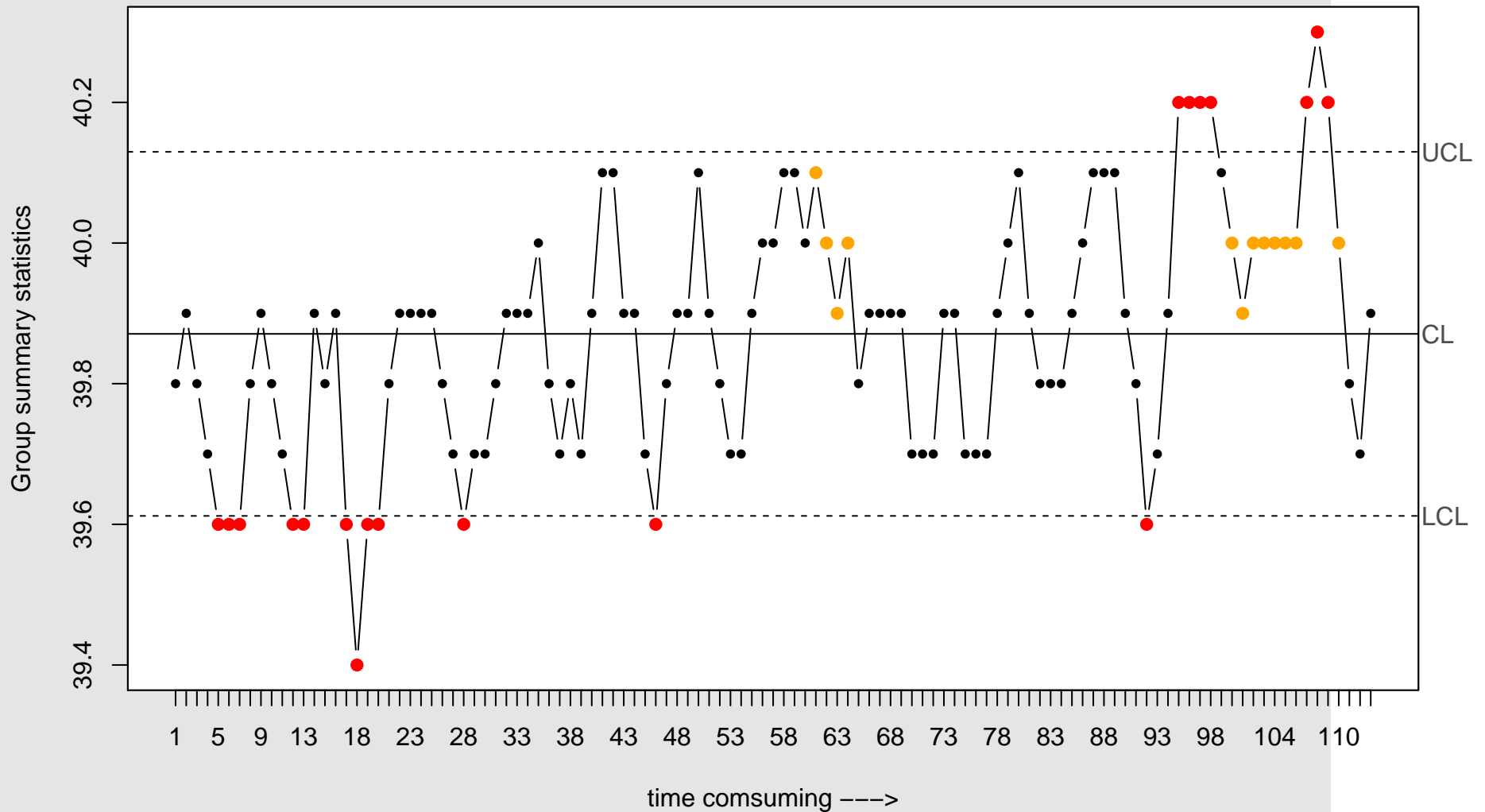


Number of groups = 113  
 Center = 39.84248  
 StdDev = 0.07598784

LCL = 39.61451  
 UCL = 40.07044

Number beyond limits = 22  
 Number violating runs = 19

## 286th column point of this product

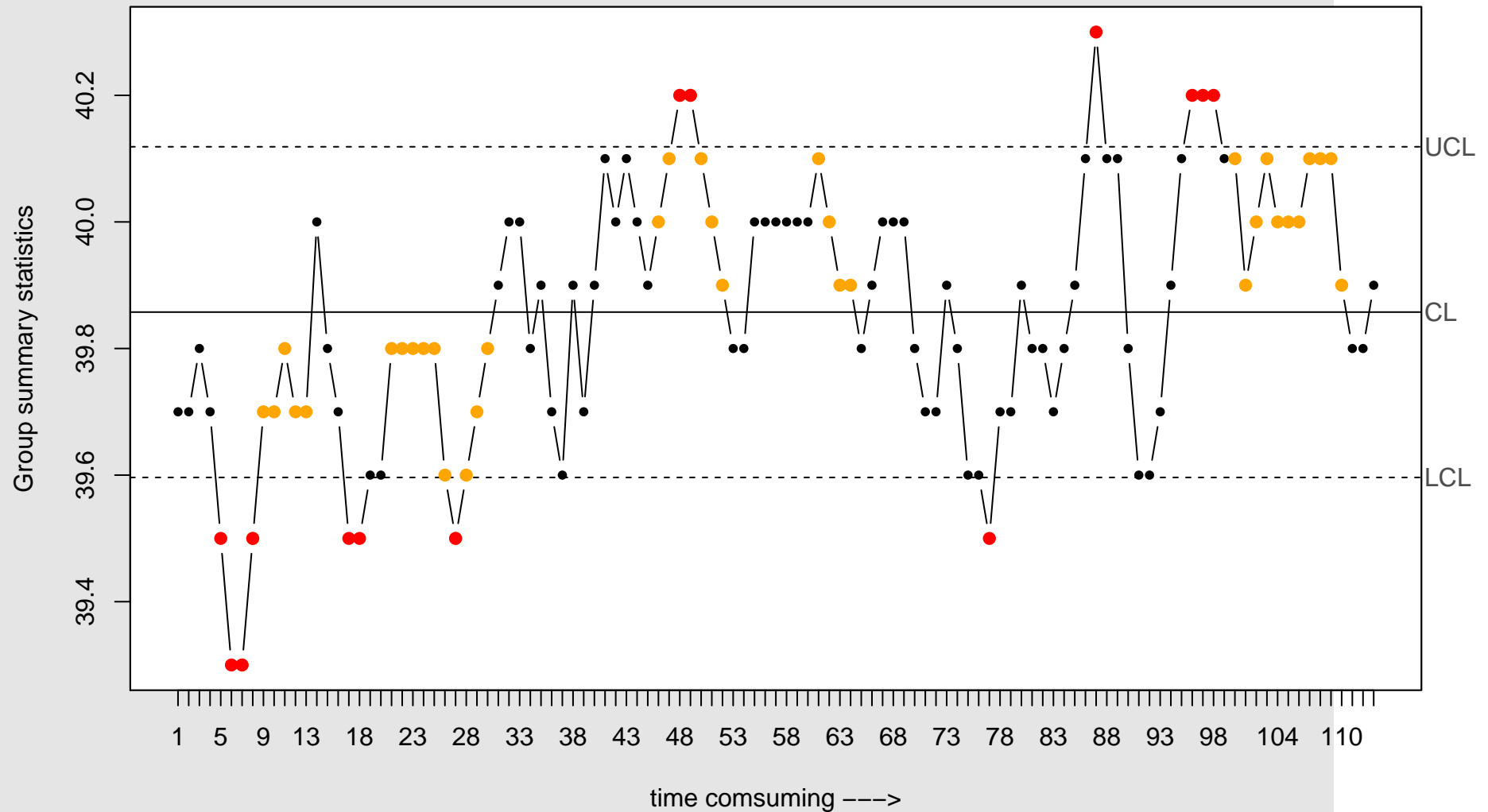


Number of groups = 113  
 Center = 39.8708  
 StdDev = 0.08627786

LCL = 39.61196  
 UCL = 40.12963

Number beyond limits = 19  
 Number violating runs = 15

## 287th column point of this product

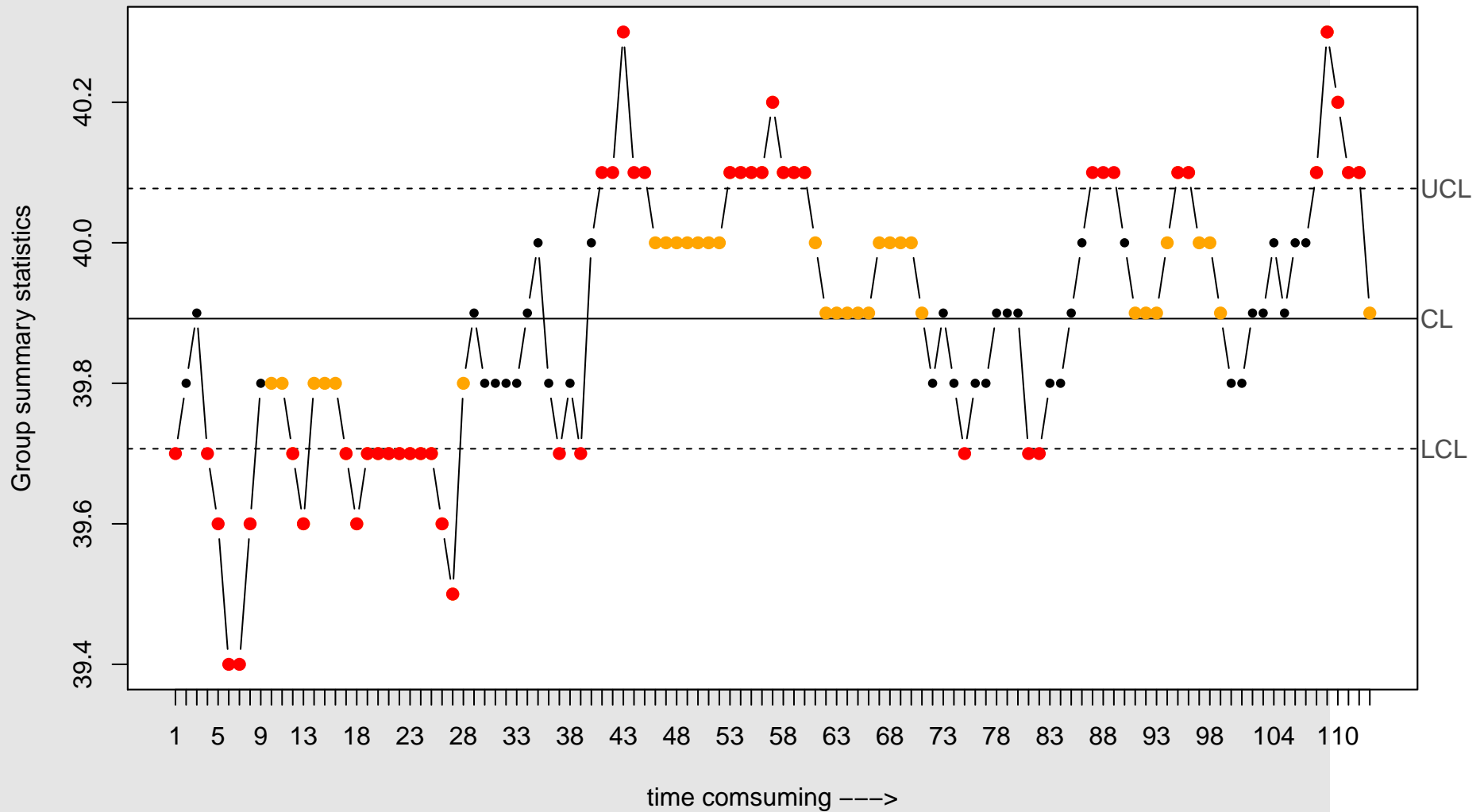


Number of groups = 113  
 Center = 39.85752  
 StdDev = 0.0870694

LCL = 39.59631  
 UCL = 40.11873

Number beyond limits = 14  
 Number violating runs = 39

## 288th column point of this product

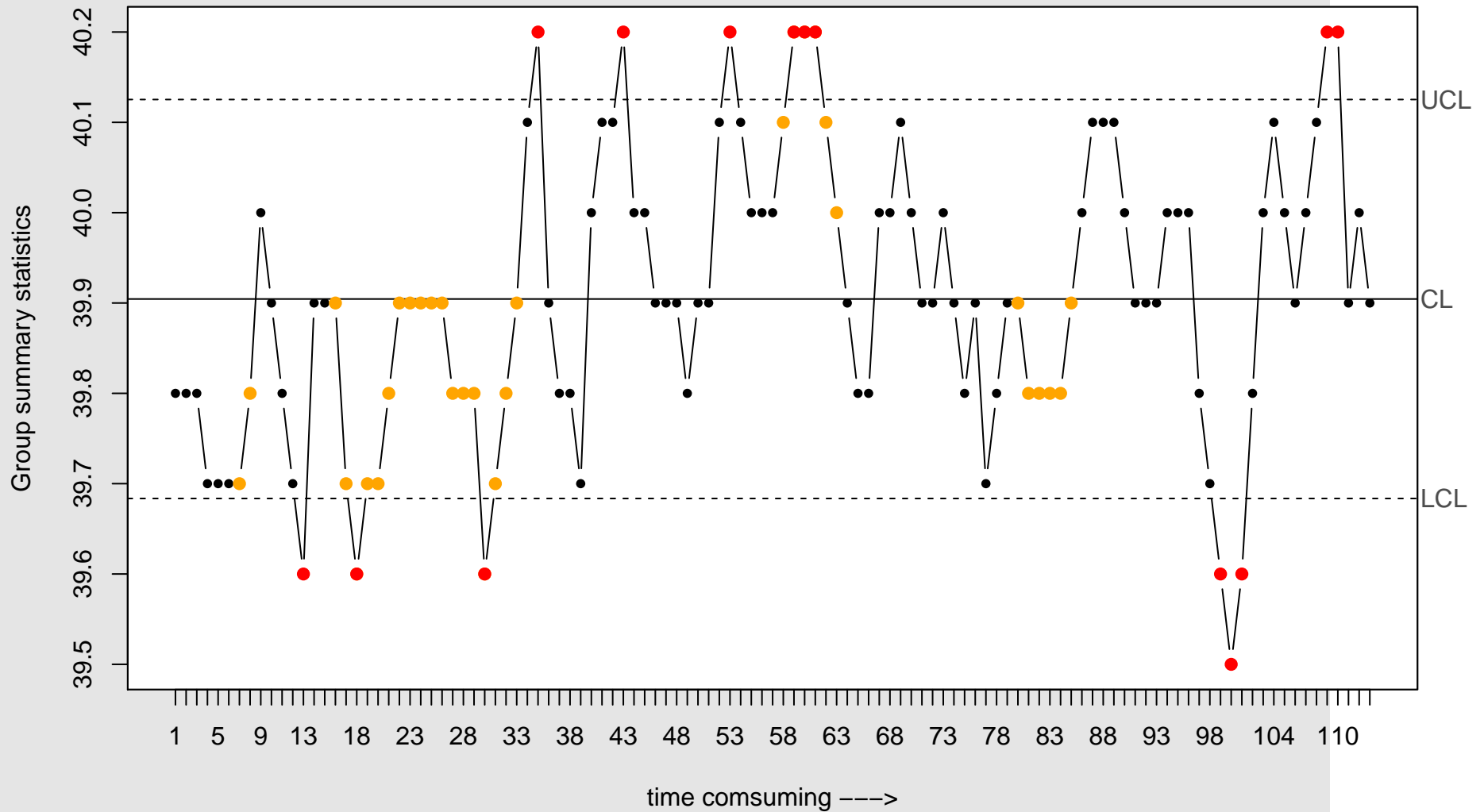


Number of groups = 113  
 Center = 39.89204  
 StdDev = 0.06174012

LCL = 39.70682  
 UCL = 40.07726

Number beyond limits = 47  
 Number violating runs = 60

## 289th column point of this product



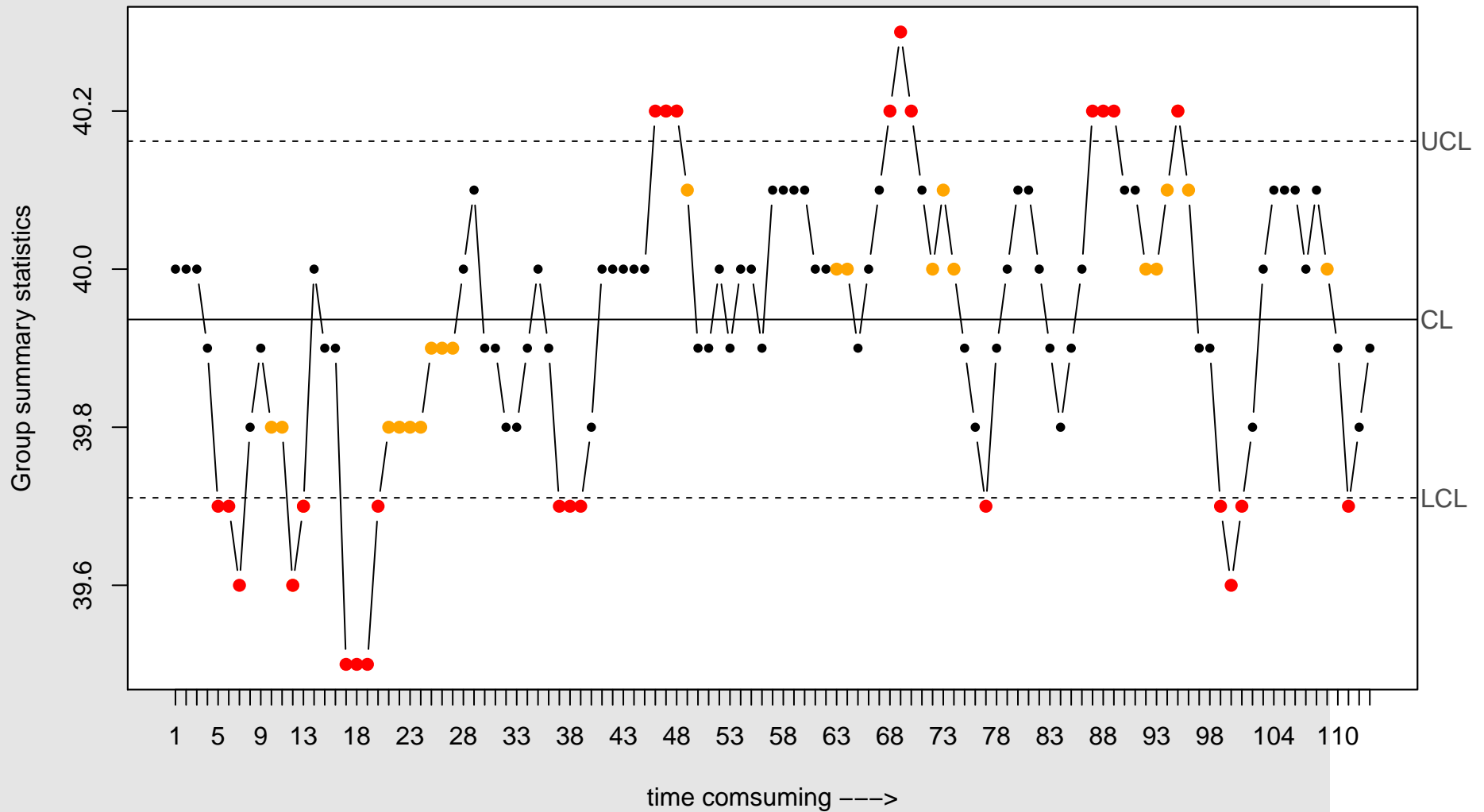
Number of groups = 113  
 Center = 39.90442  
 StdDev = 0.07361322

LCL = 39.68359  
 UCL = 40.12526

Number beyond limits = 14  
 Number violating runs = 32



## 290th column point of this product

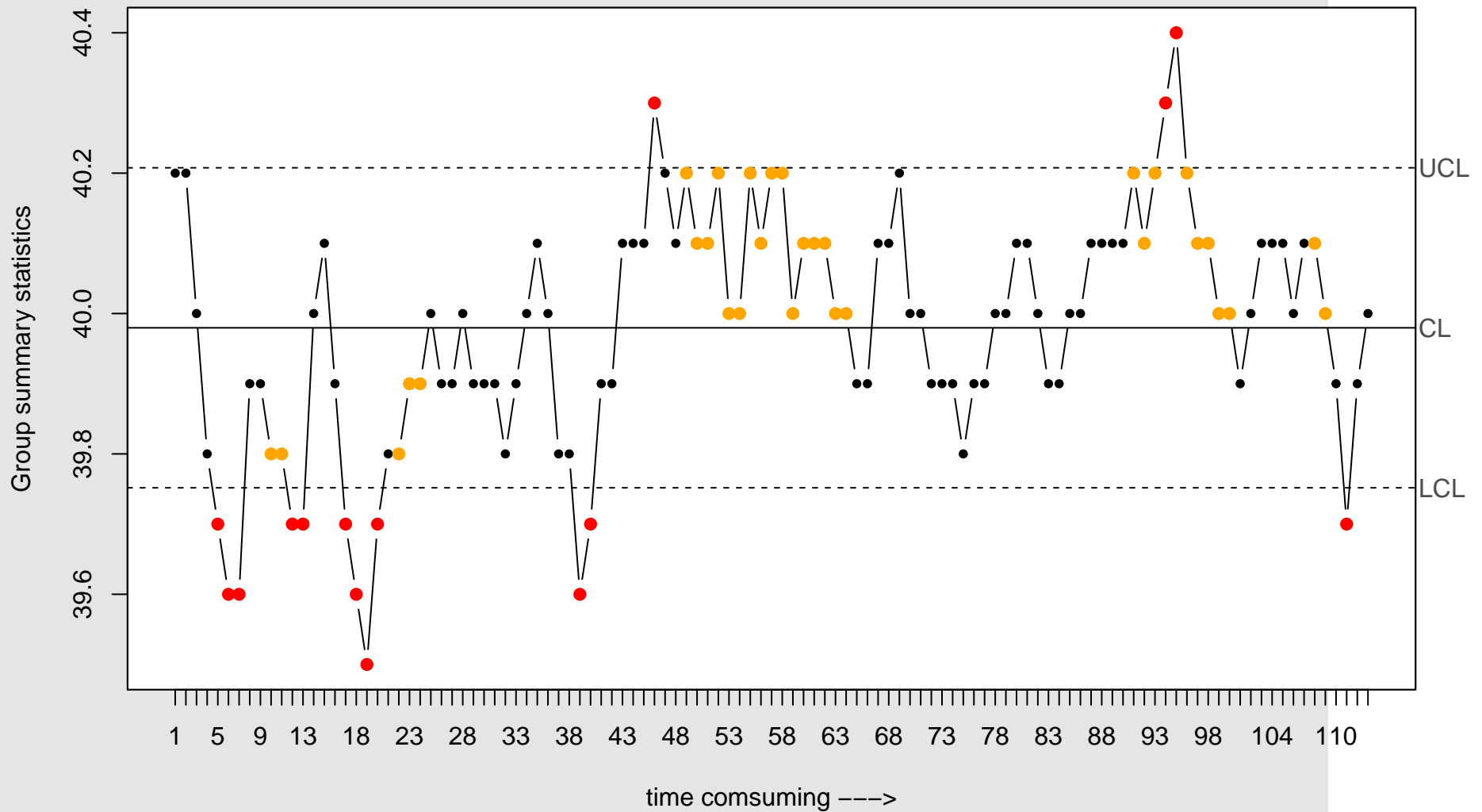


Number of groups = 113  
 Center = 39.93628  
 StdDev = 0.0751963

LCL = 39.71069  
 UCL = 40.16187

Number beyond limits = 27  
 Number violating runs = 25

## 291th column point of this product



Number of groups = 113

Center = 39.97965

StdDev = 0.07598784

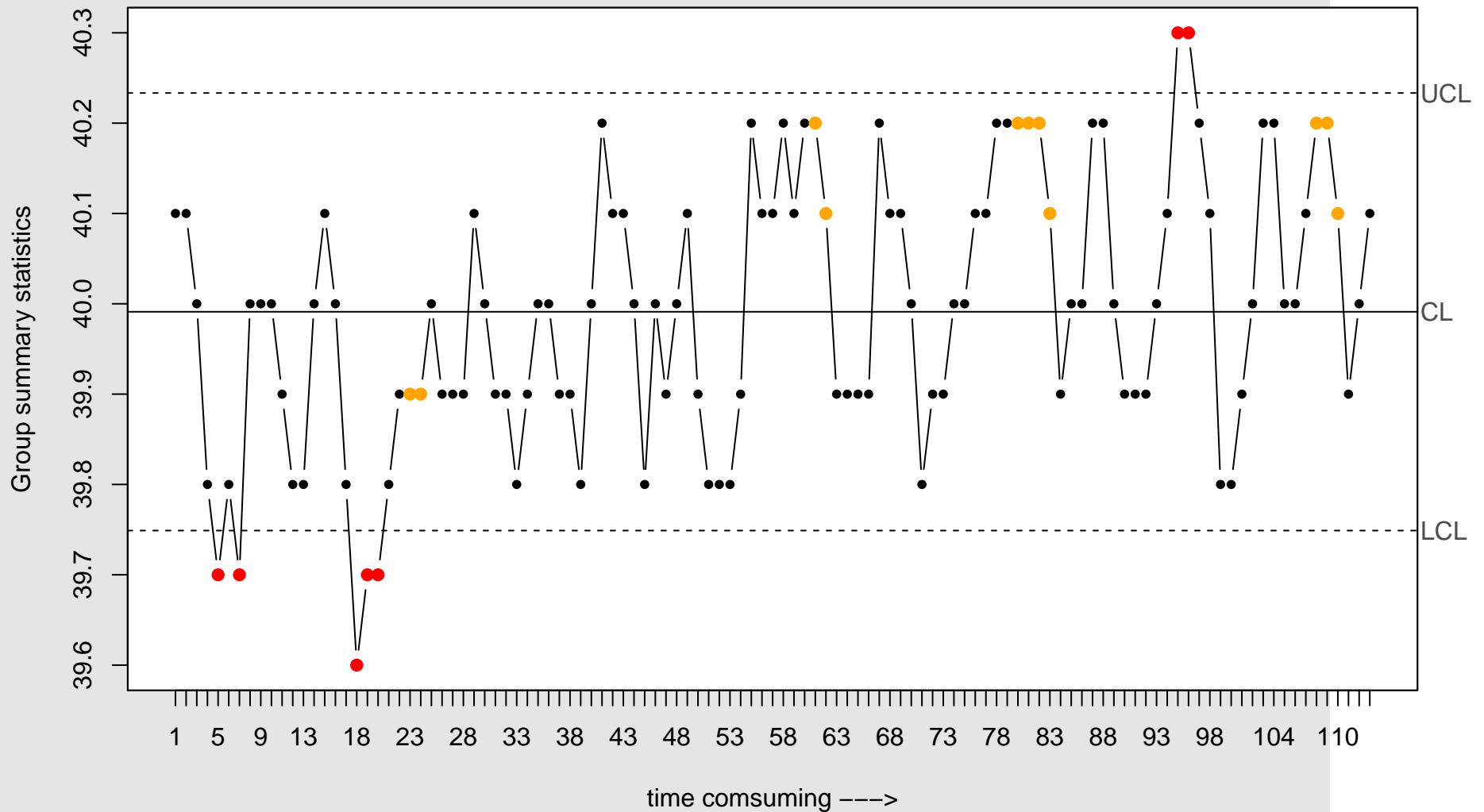
LCL = 39.75168

UCL = 40.20761

Number beyond limits = 15

Number violating runs = 35

## 292th column point of this product

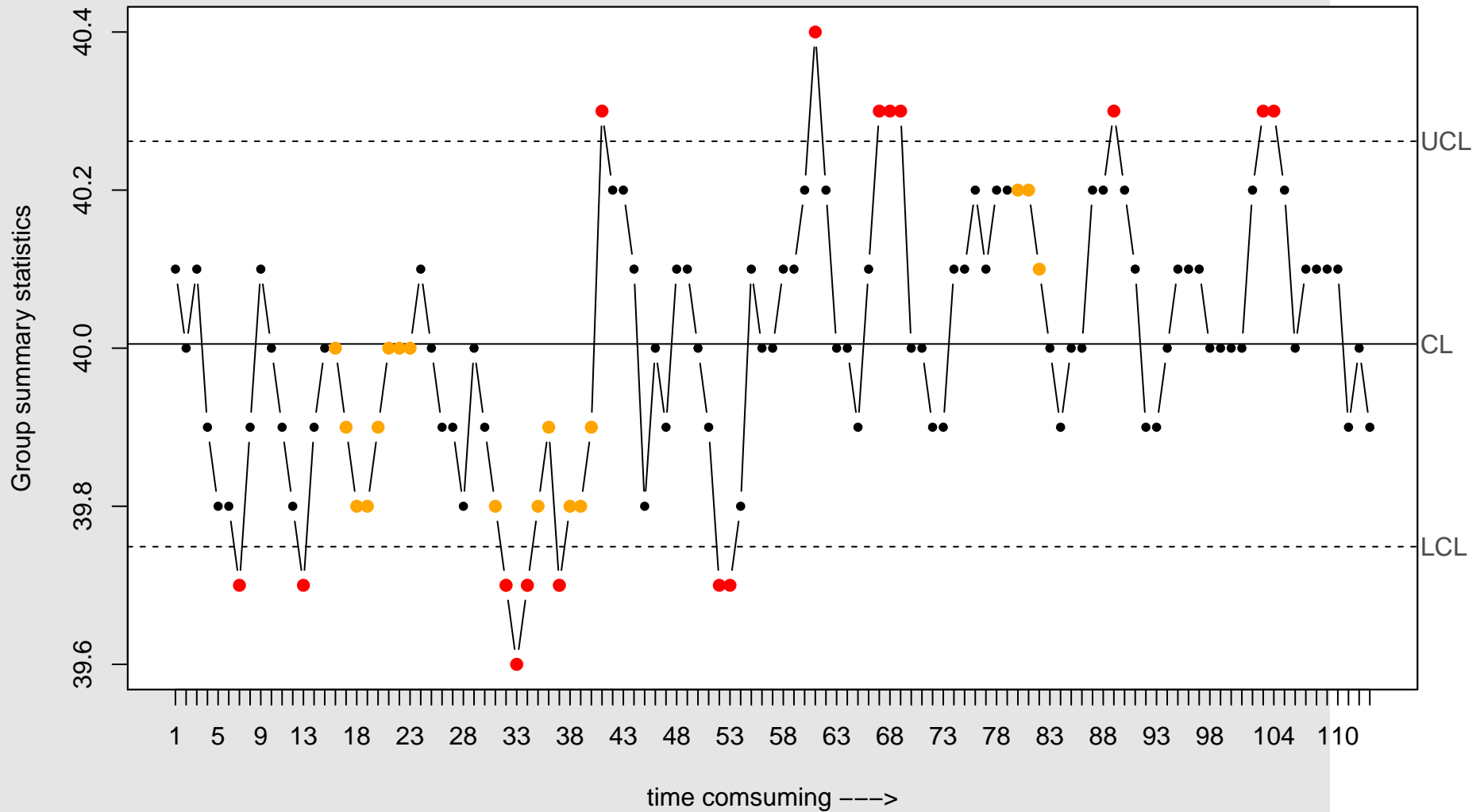


Number of groups = 113  
 Center = 39.99115  
 StdDev = 0.08073708

LCL = 39.74894  
 UCL = 40.23336

Number beyond limits = 7  
 Number violating runs = 11

## 293th column point of this product



Number of groups = 113

Center = 40.00531

StdDev = 0.08548632

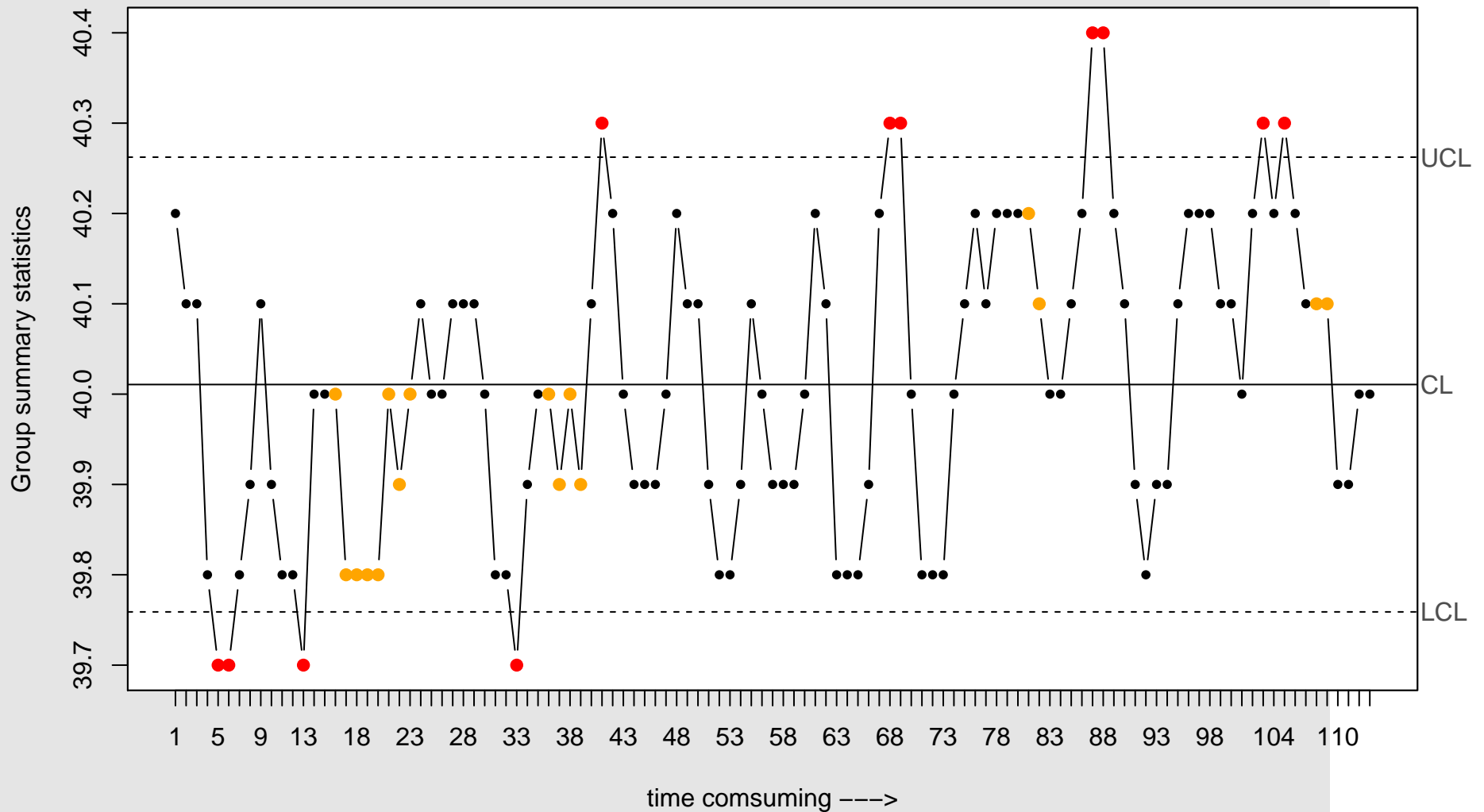
LCL = 39.74885

UCL = 40.26177

Number beyond limits = 16

Number violating runs = 21

## 294th column point of this product



Number of groups = 113

Center = 40.01062

StdDev = 0.08390324

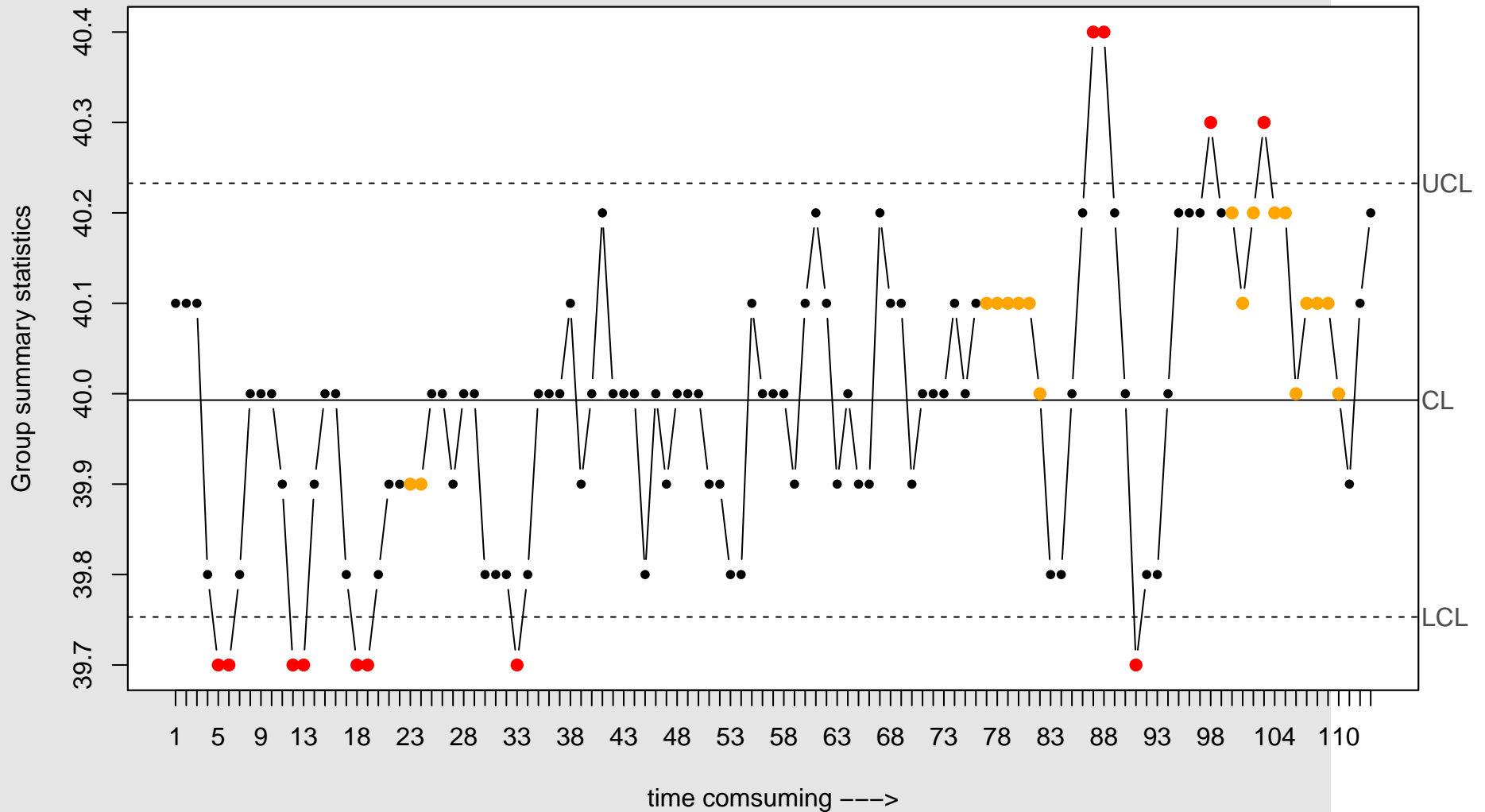
LCL = 39.75891

UCL = 40.26233

Number beyond limits = 11

Number violating runs = 16

## 295th column point of this product

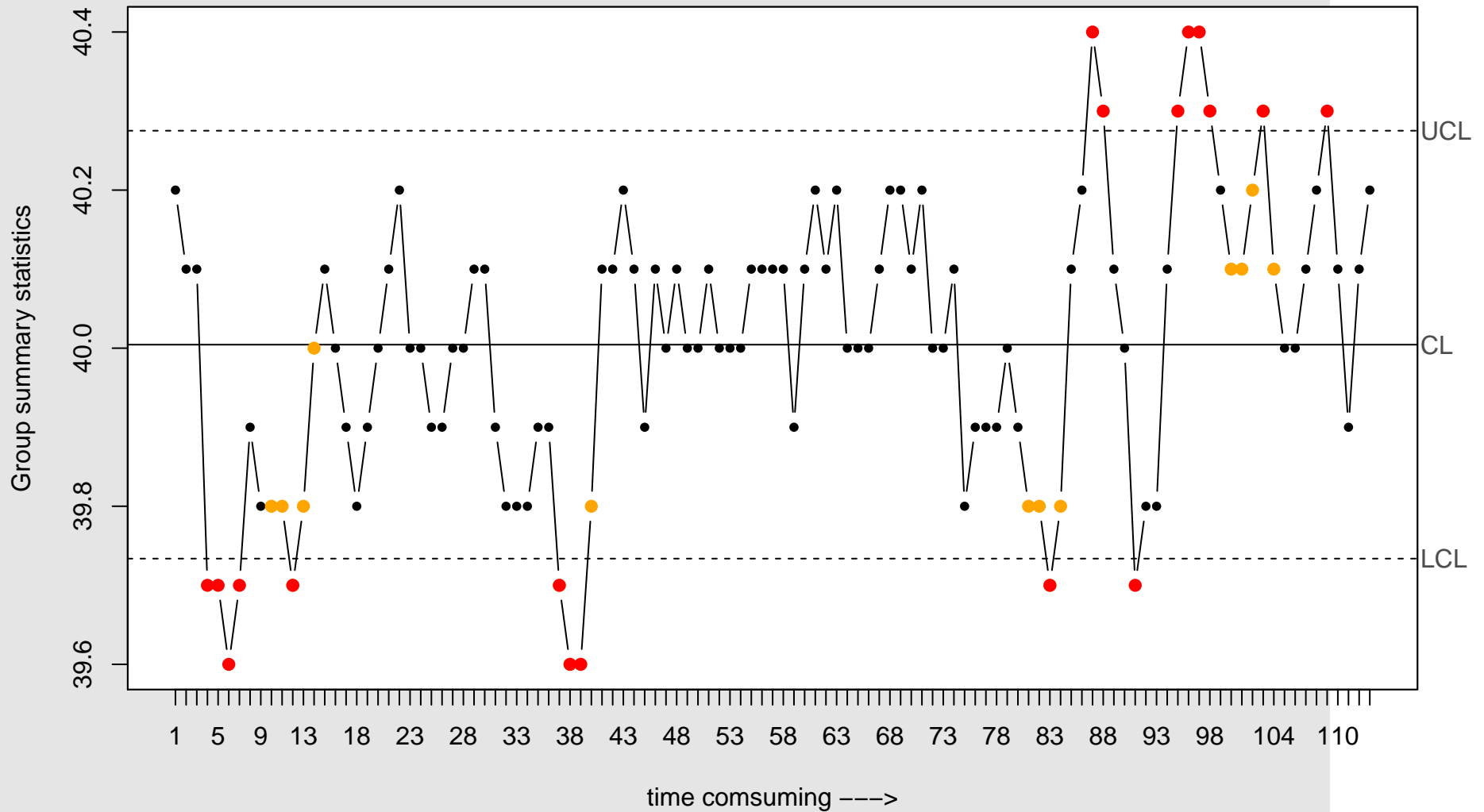


Number of groups = 113  
 Center = 39.99292  
 StdDev = 0.07994554

LCL = 39.75308  
 UCL = 40.23276

Number beyond limits = 12  
 Number violating runs = 19

## 296th column point of this product



Number of groups = 113

Center = 40.00442

StdDev = 0.09023556

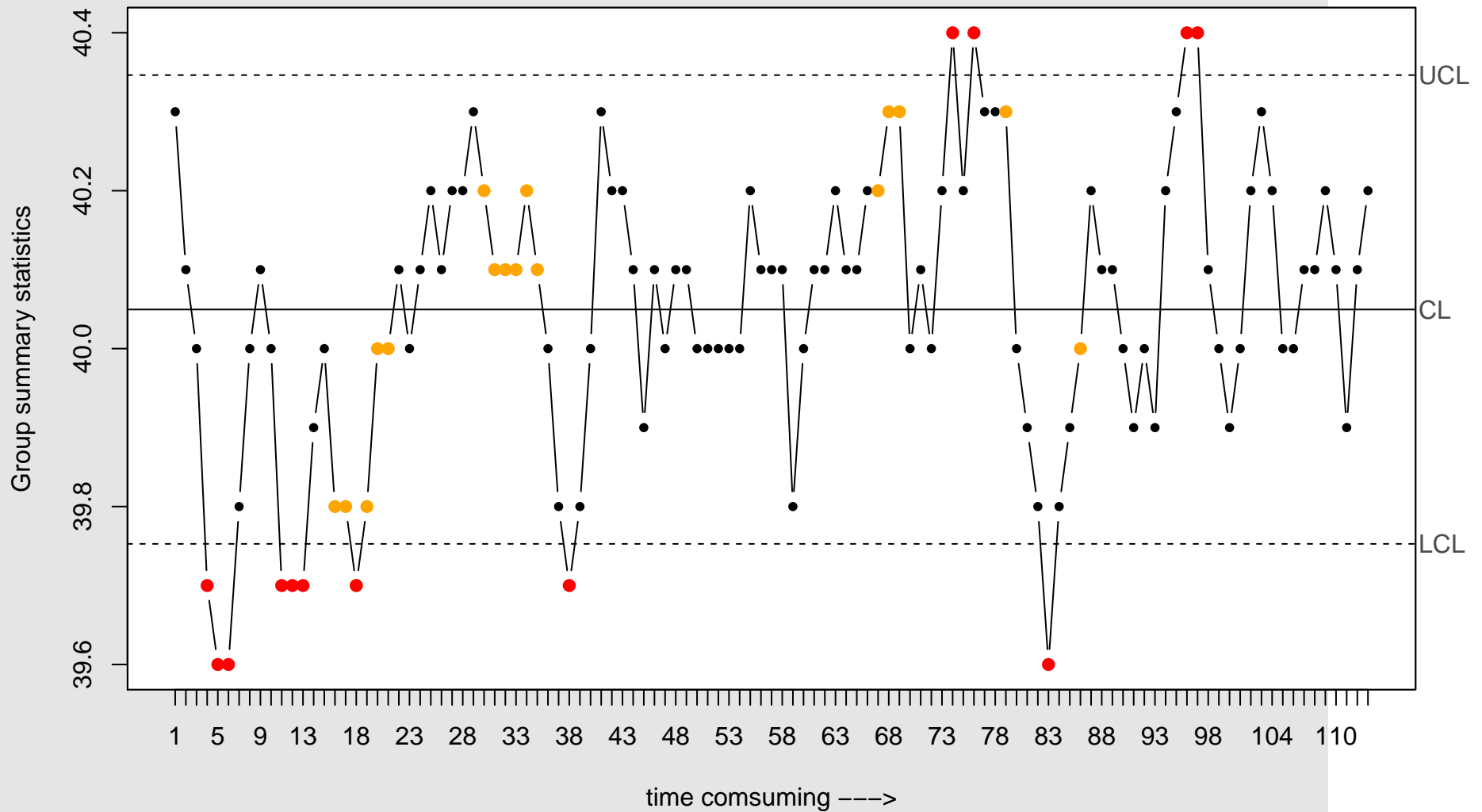
LCL = 39.73372

UCL = 40.27513

Number beyond limits = 18

Number violating runs = 18

## 297th column point of this product



Number of groups = 113

Center = 40.04956

StdDev = 0.0989425

LCL = 39.75273

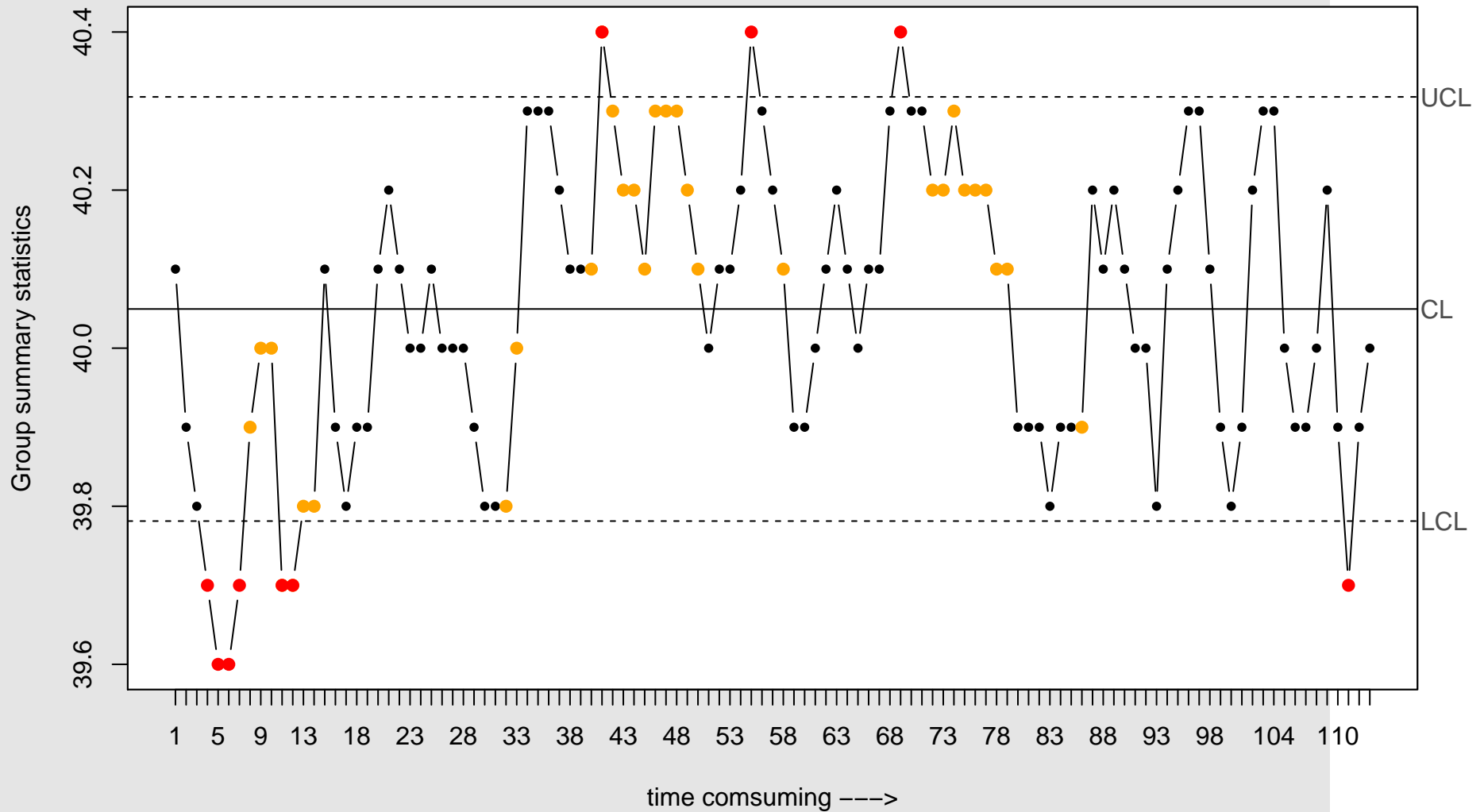
UCL = 40.34639

Number beyond limits = 13

Number violating runs = 17



## 298th column point of this product



Number of groups = 113

Center = 40.04956

StdDev = 0.08944402

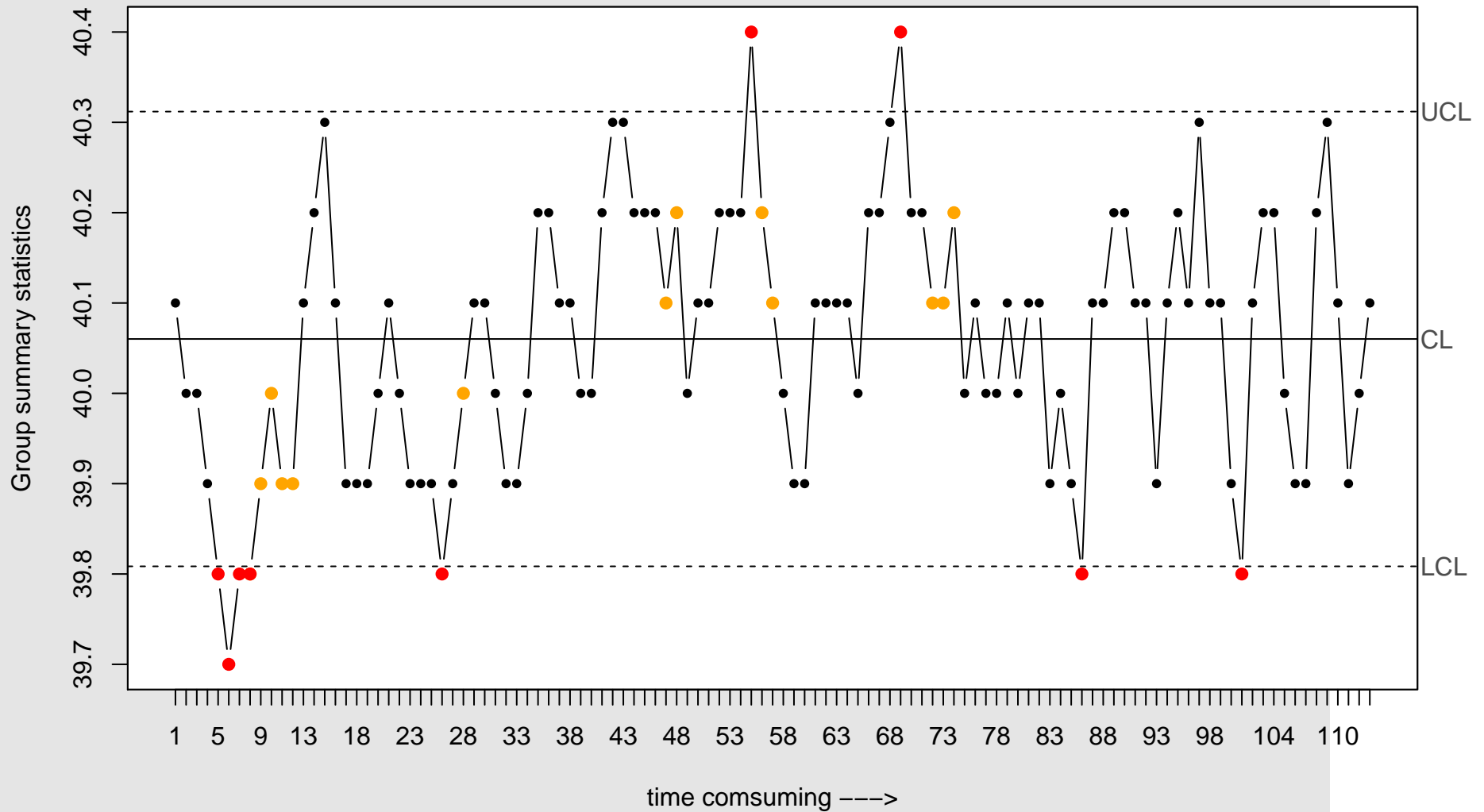
LCL = 39.78123

UCL = 40.31789

Number beyond limits = 10

Number violating runs = 30

## 299th column point of this product

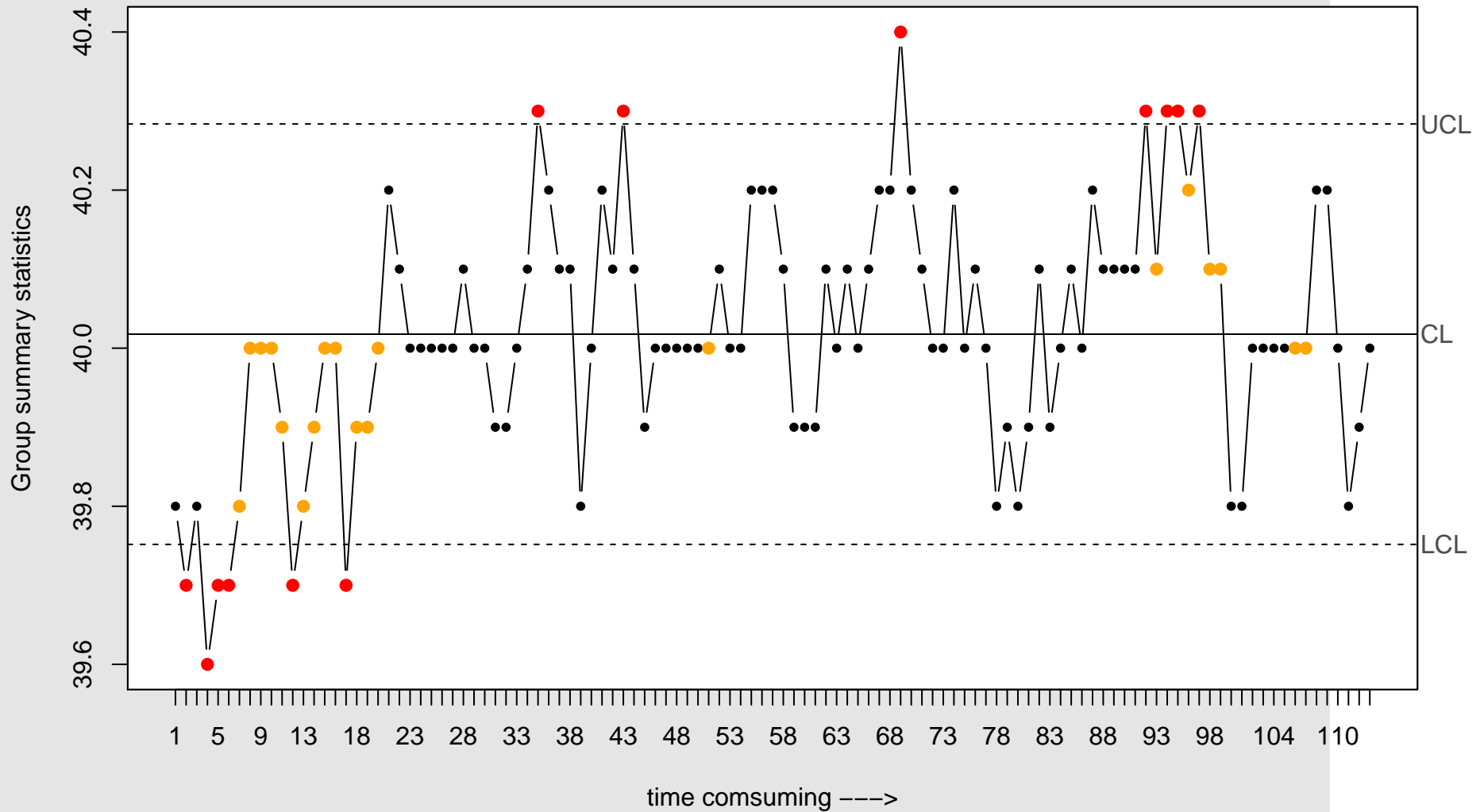


Number of groups = 113  
 Center = 40.06018  
 StdDev = 0.08390324

LCL = 39.80847  
 UCL = 40.31189

Number beyond limits = 9  
 Number violating runs = 13

### 300th column point of this product

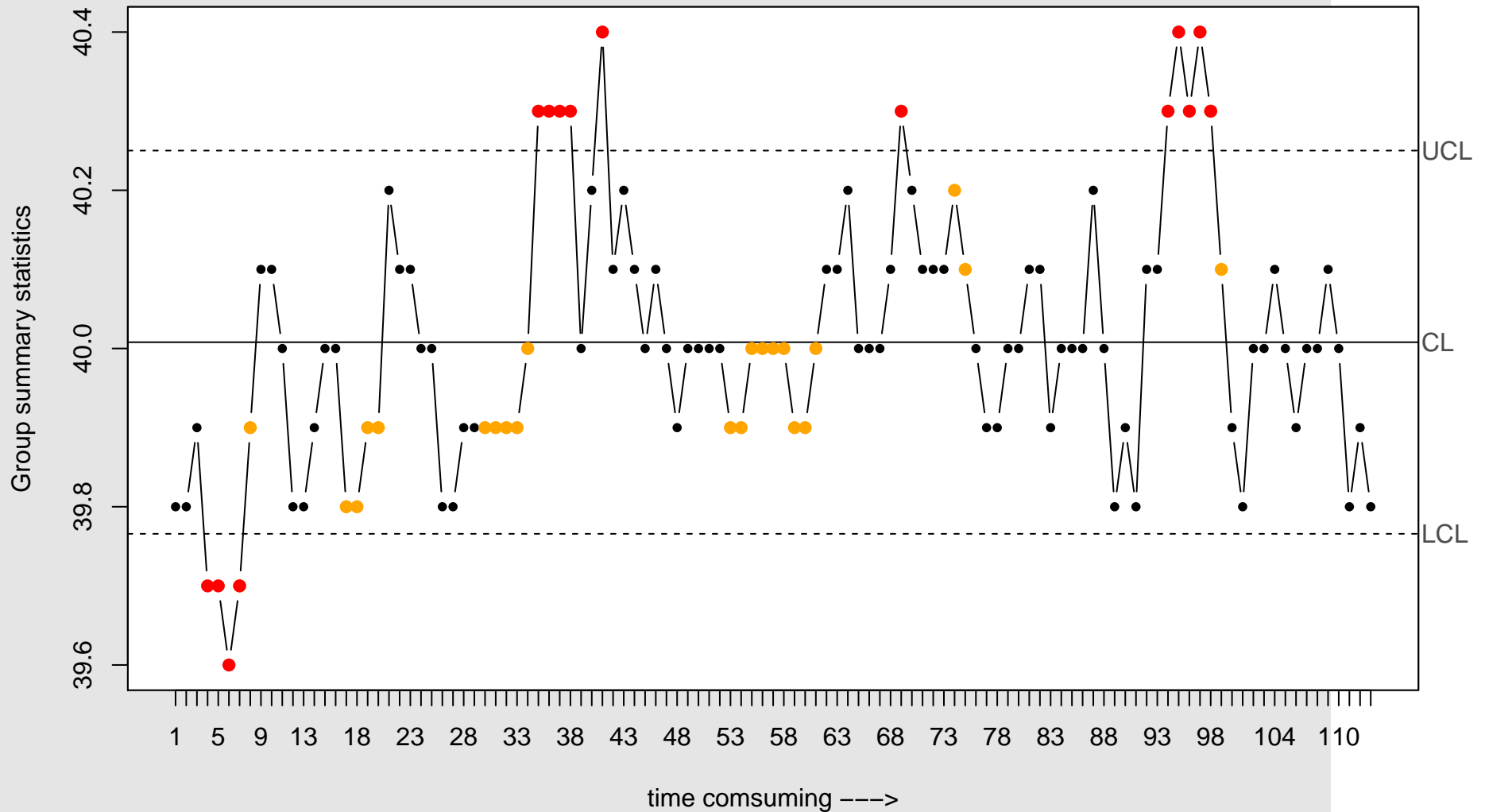


Number of groups = 113  
 Center = 40.0177  
 StdDev = 0.08865248

LCL = 39.75174  
 UCL = 40.28366

Number beyond limits = 13  
 Number violating runs = 24

### 301th column point of this product

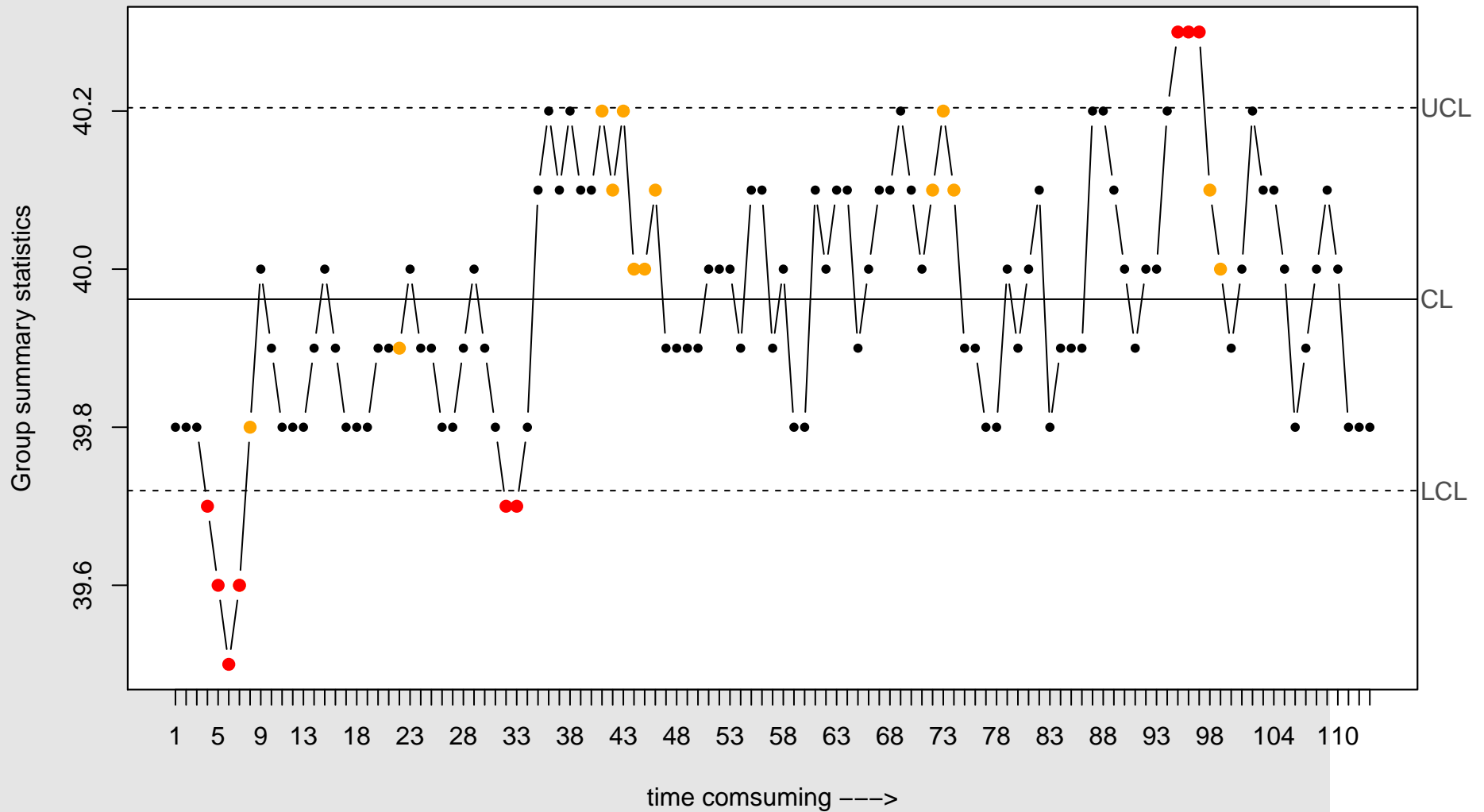


Number of groups = 113  
 Center = 40.00796  
 StdDev = 0.08073708

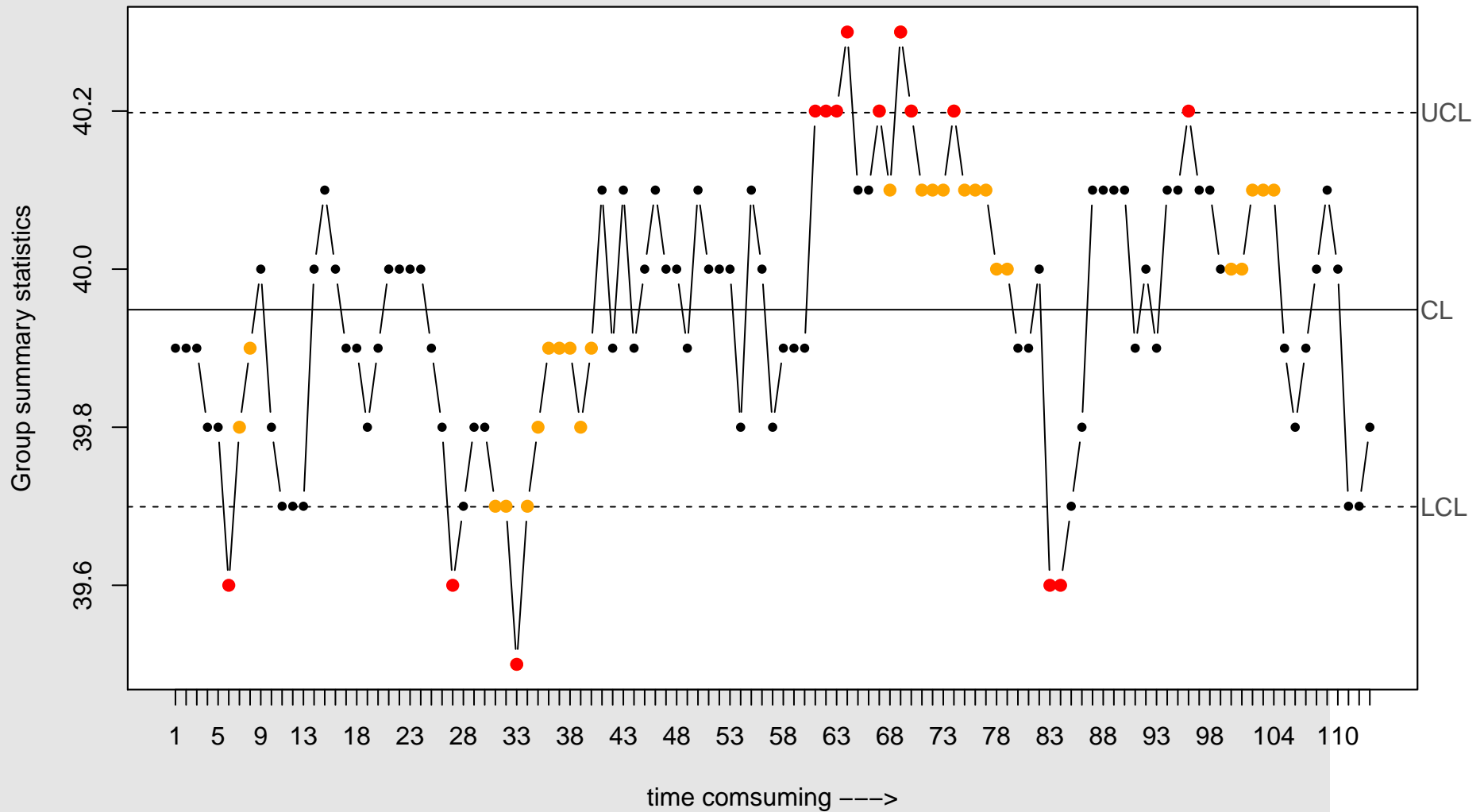
LCL = 39.76575  
 UCL = 40.25018

Number beyond limits = 15  
 Number violating runs = 24

### 302th column point of this product



### 303th column point of this product

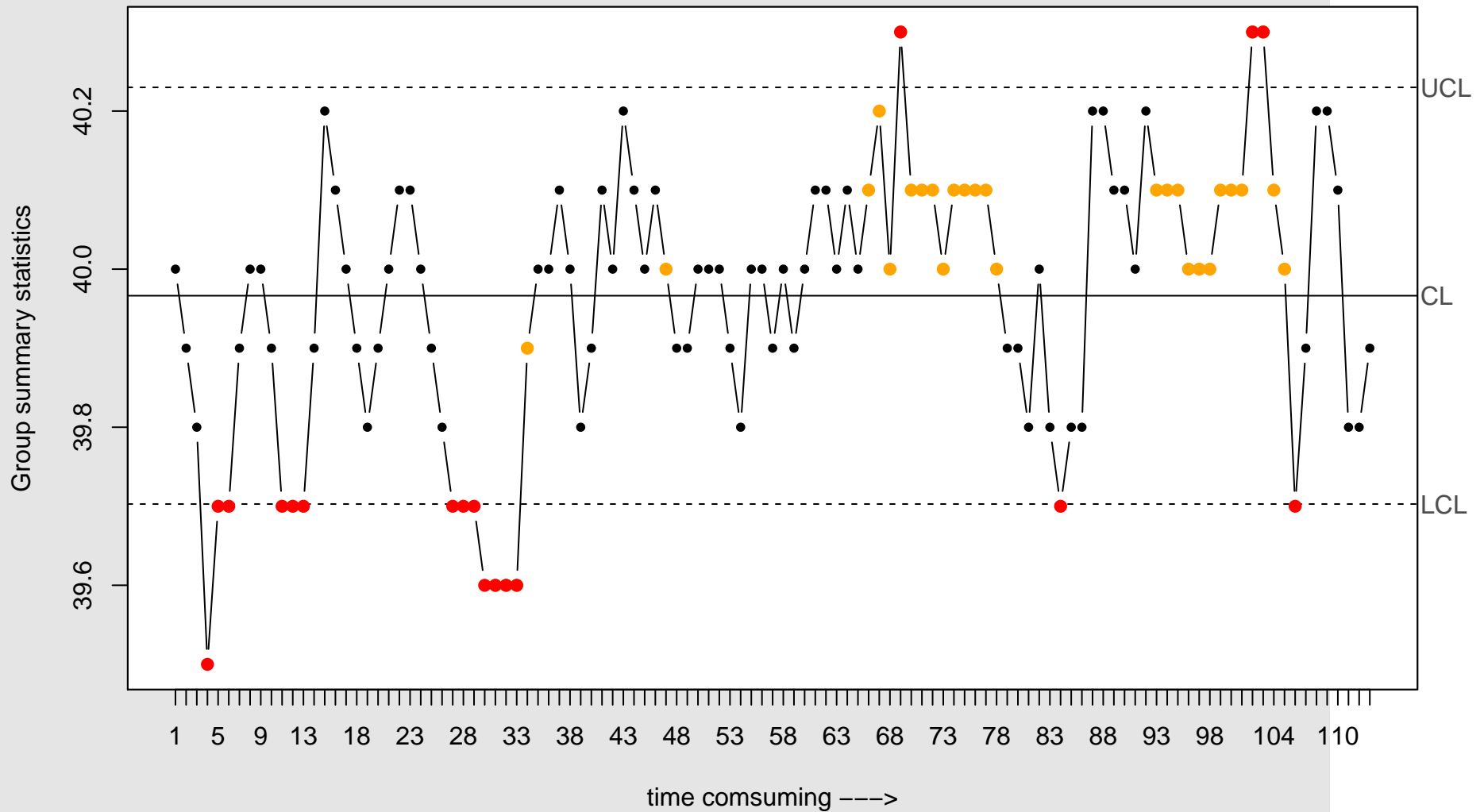


Number of groups = 113  
 Center = 39.94867  
 StdDev = 0.0831117

LCL = 39.69934  
 UCL = 40.19801

Number beyond limits = 14  
 Number violating runs = 30

### 304th column point of this product

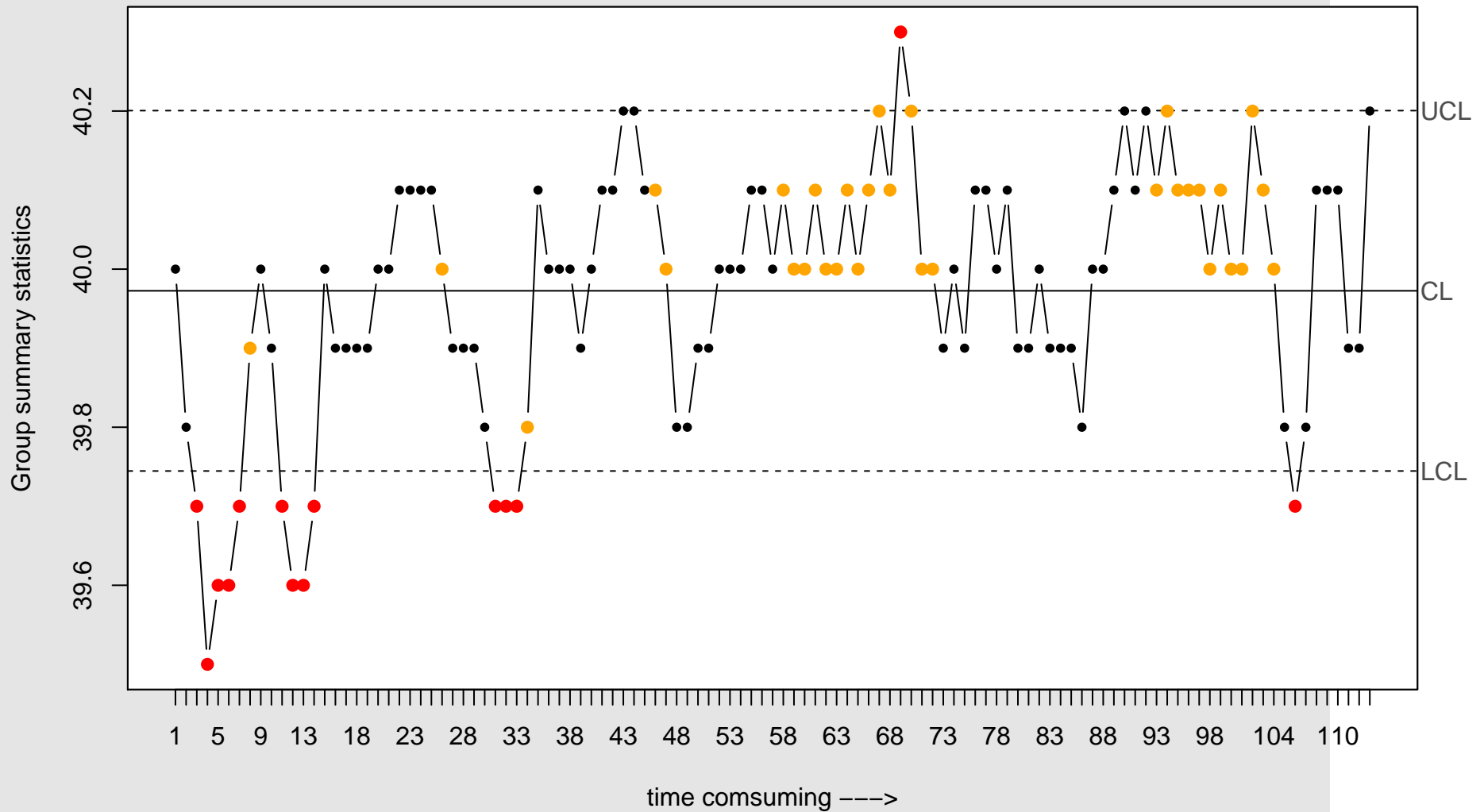


Number of groups = 113  
 Center = 39.96637  
 StdDev = 0.08786094

LCL = 39.70279  
 UCL = 40.22995

Number beyond limits = 18  
 Number violating runs = 31

### 305th column point of this product



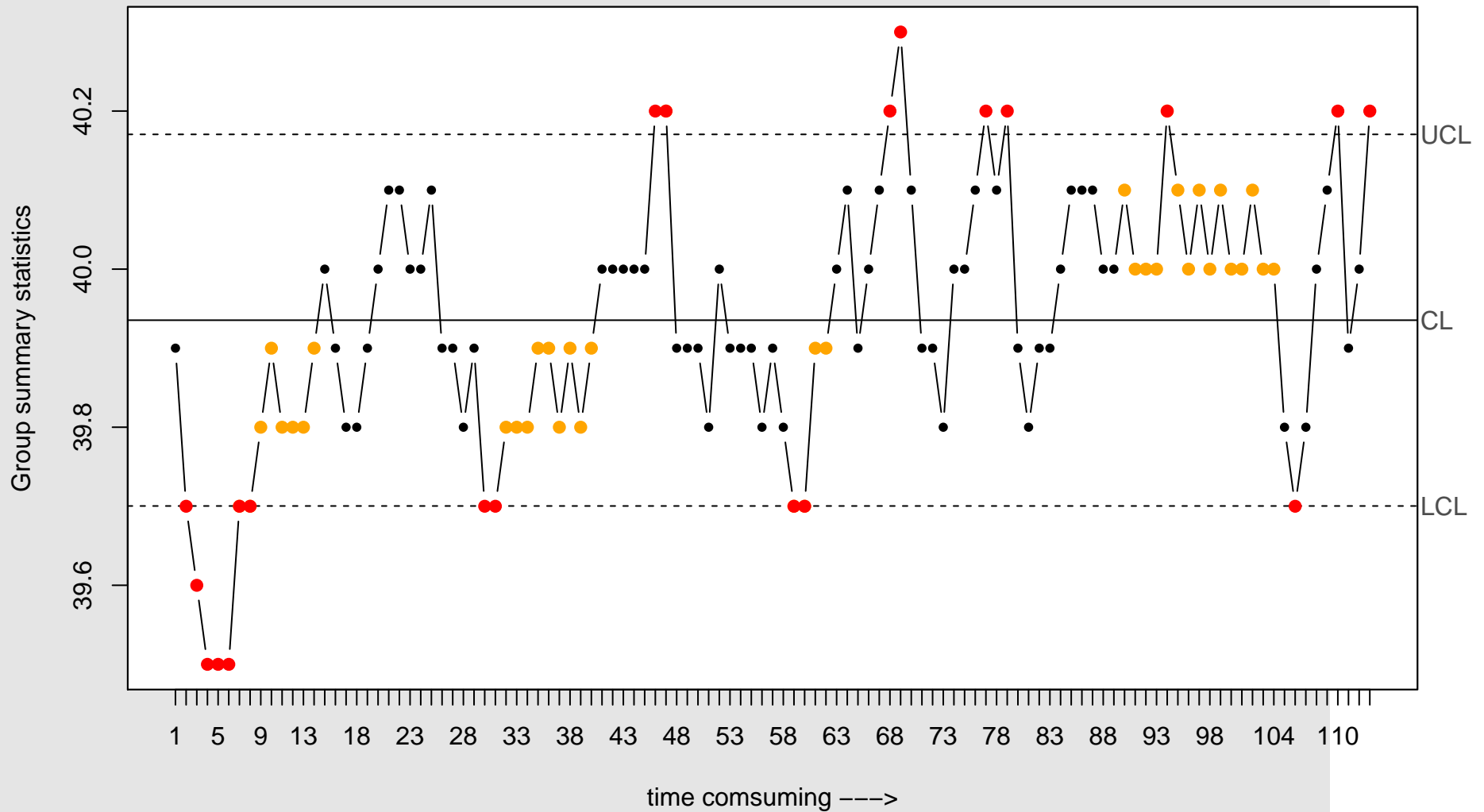
Number of groups = 113  
 Center = 39.97257  
 StdDev = 0.07598784

LCL = 39.7446  
 UCL = 40.20053

Number beyond limits = 14  
 Number violating runs = 33



### 306th column point of this product

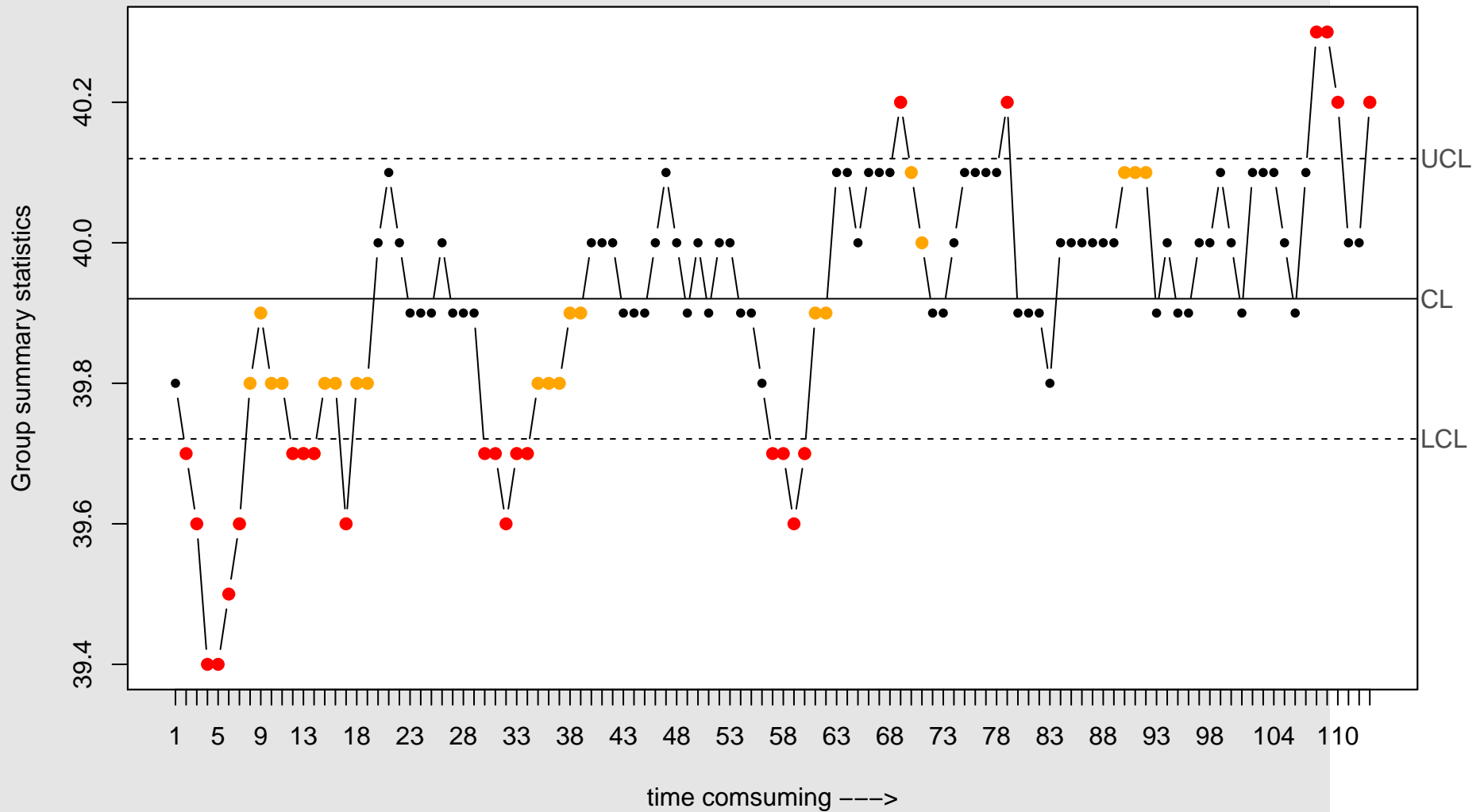


Number of groups = 113  
 Center = 39.9354  
 StdDev = 0.07836246

LCL = 39.70031  
 UCL = 40.17049

Number beyond limits = 21  
 Number violating runs = 37

### 307th column point of this product



Number of groups = 113

Center = 39.92035

StdDev = 0.06648936

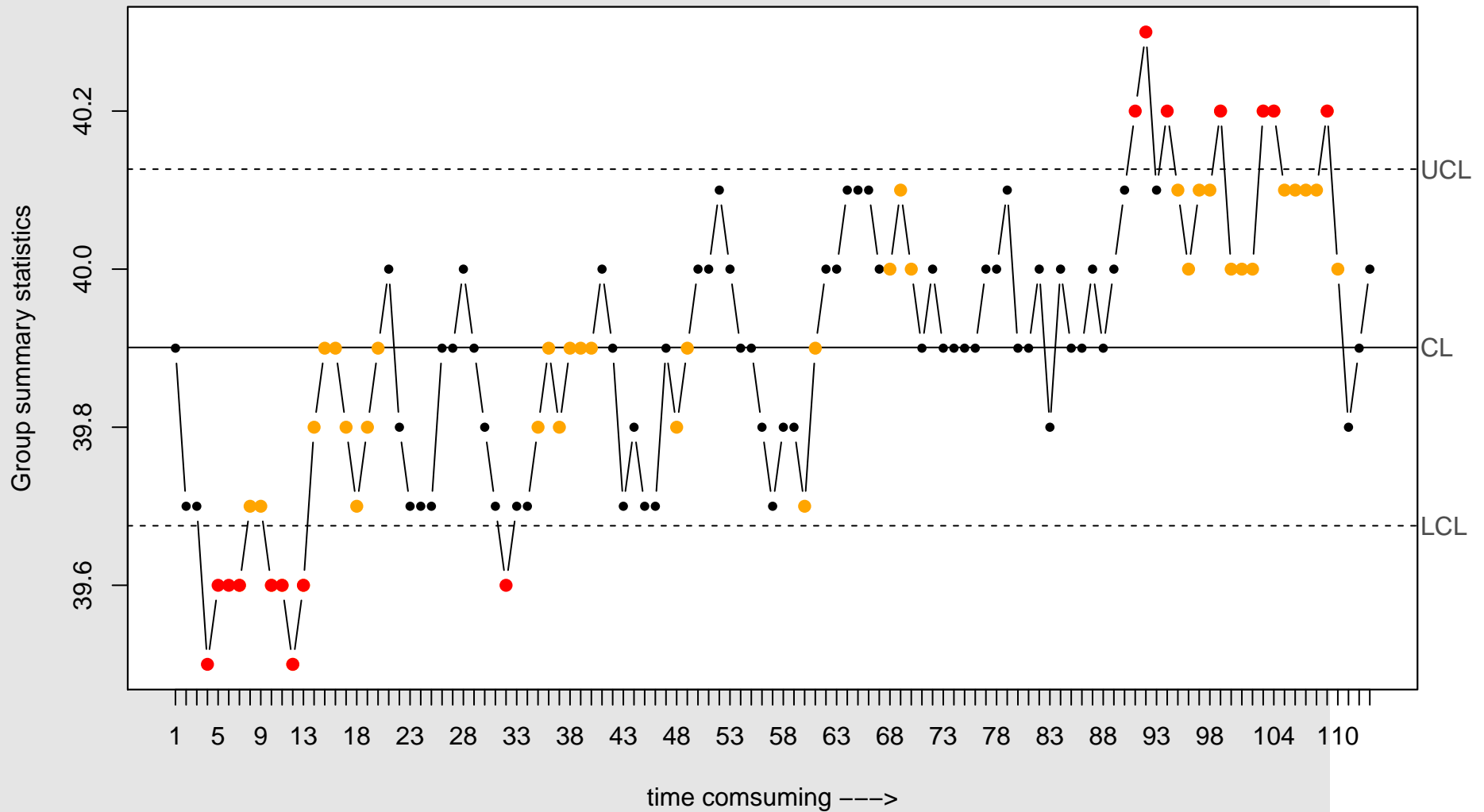
LCL = 39.72089

UCL = 40.11982

Number beyond limits = 25

Number violating runs = 30

### 308th column point of this product

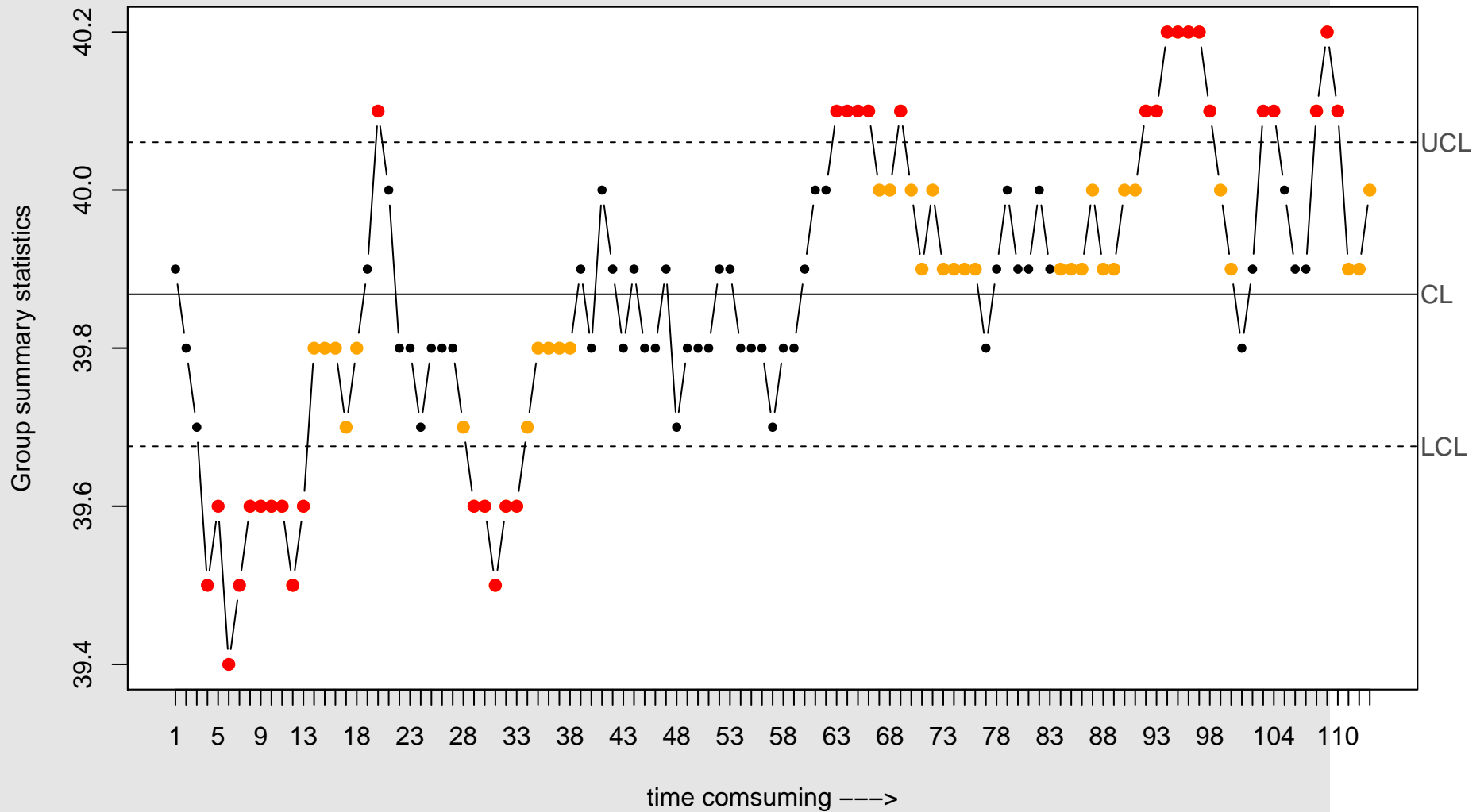


Number of groups = 113  
 Center = 39.90088  
 StdDev = 0.0751963

LCL = 39.6753  
 UCL = 40.12647

Number beyond limits = 16  
 Number violating runs = 43

### 309th column point of this product

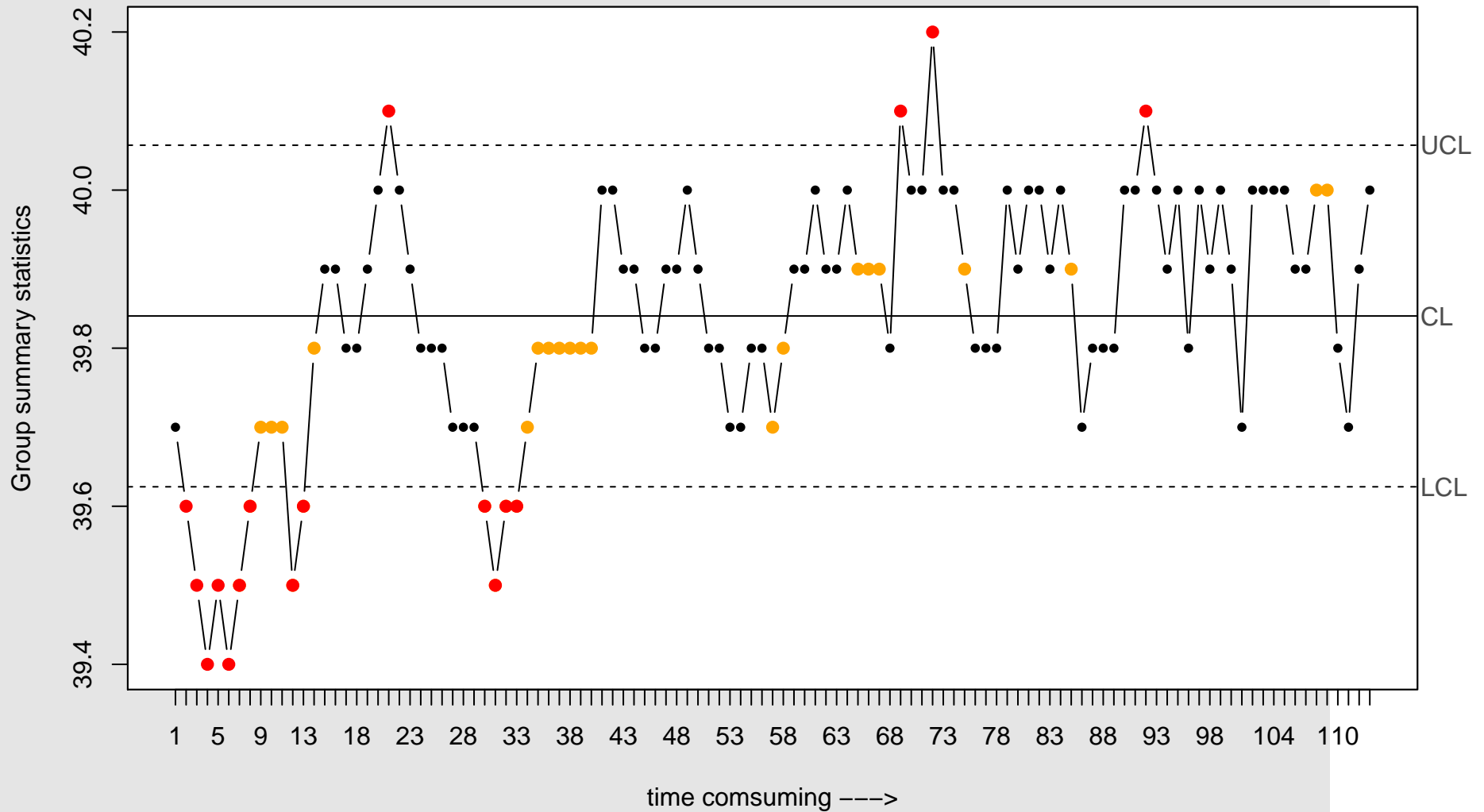


Number of groups = 113  
 Center = 39.86814  
 StdDev = 0.06411474

LCL = 39.6758  
 UCL = 40.06049

Number beyond limits = 33  
 Number violating runs = 56

### 310th column point of this product

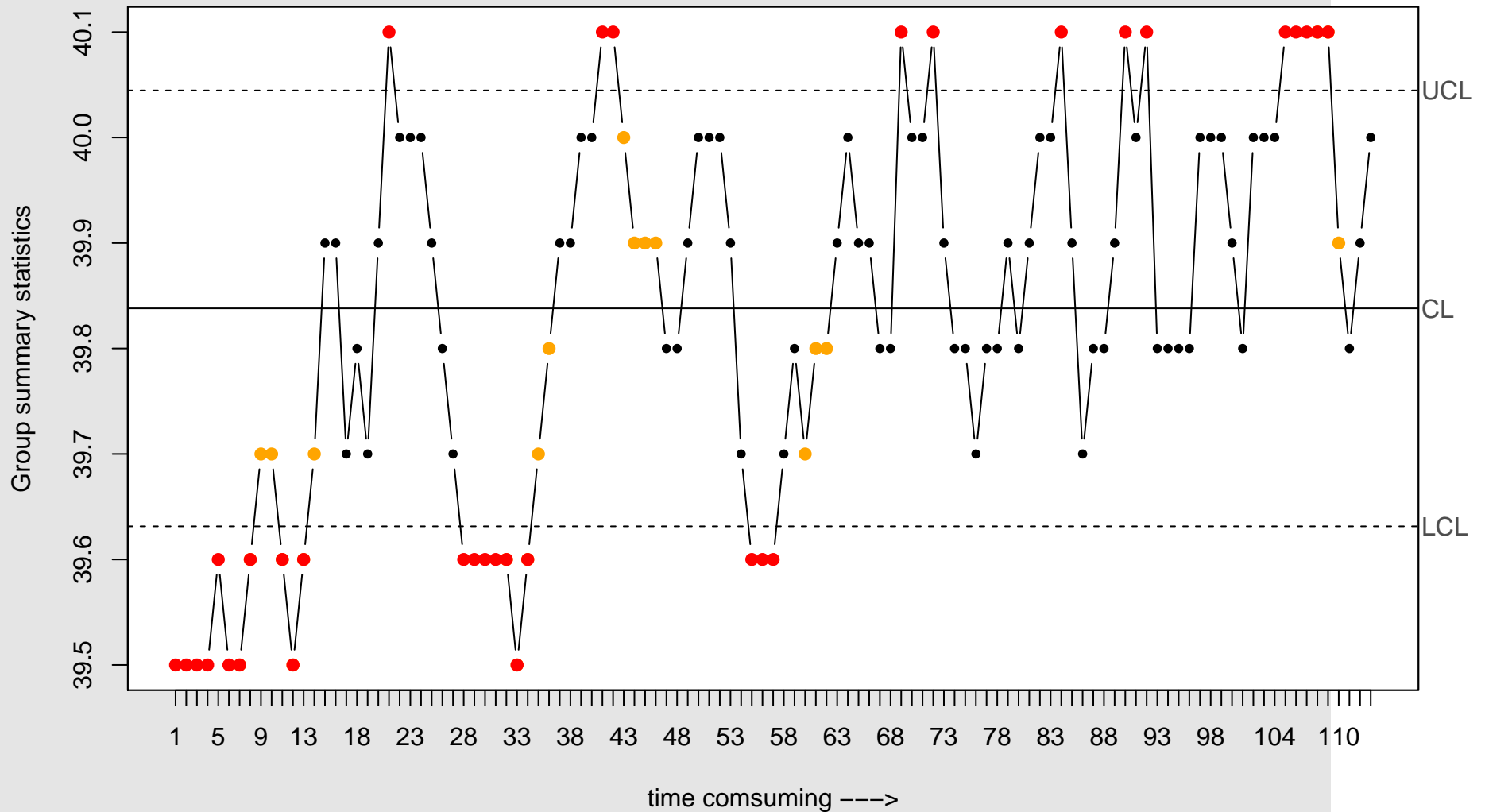


Number of groups = 113  
 Center = 39.84071  
 StdDev = 0.07203014

LCL = 39.62462  
 UCL = 40.0568

Number beyond limits = 17  
 Number violating runs = 28

### 311th column point of this product



Number of groups = 113

Center = 39.83805

StdDev = 0.06886398

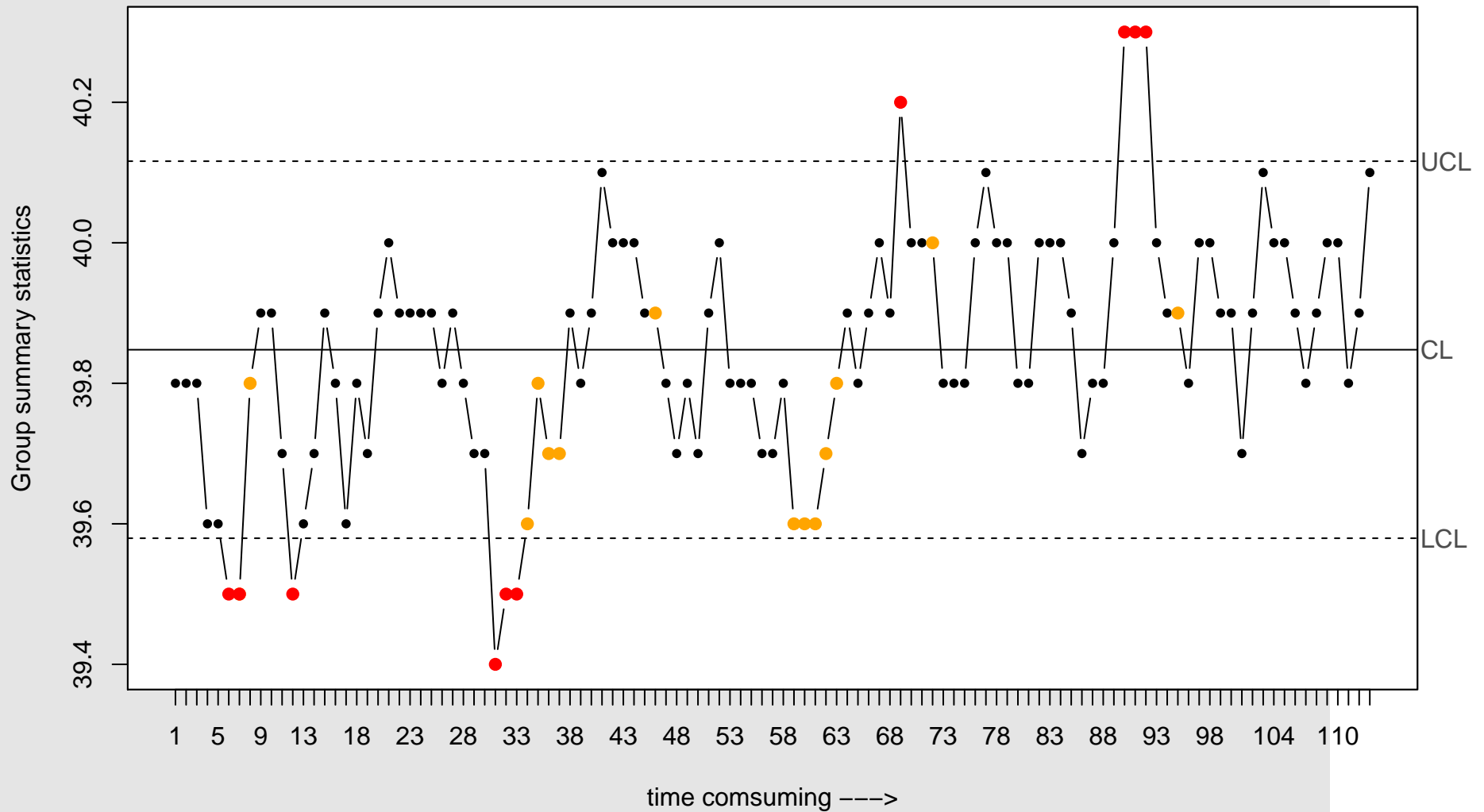
LCL = 39.63146

UCL = 40.04465

Number beyond limits = 34

Number violating runs = 23

### 312th column point of this product



Number of groups = 113

Center = 39.84779

StdDev = 0.08944402

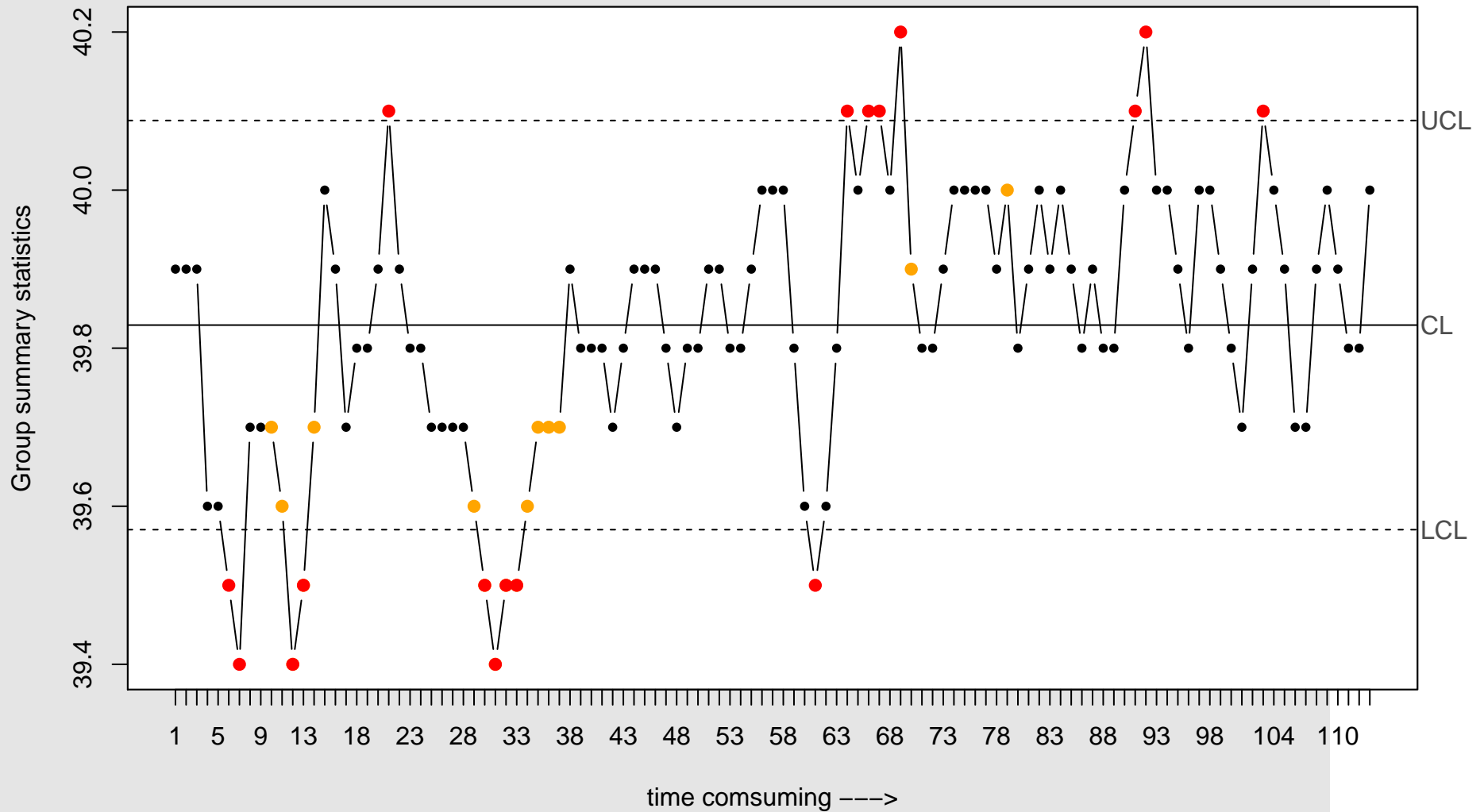
LCL = 39.57946

UCL = 40.11612

Number beyond limits = 10

Number violating runs = 14

### 313th column point of this product



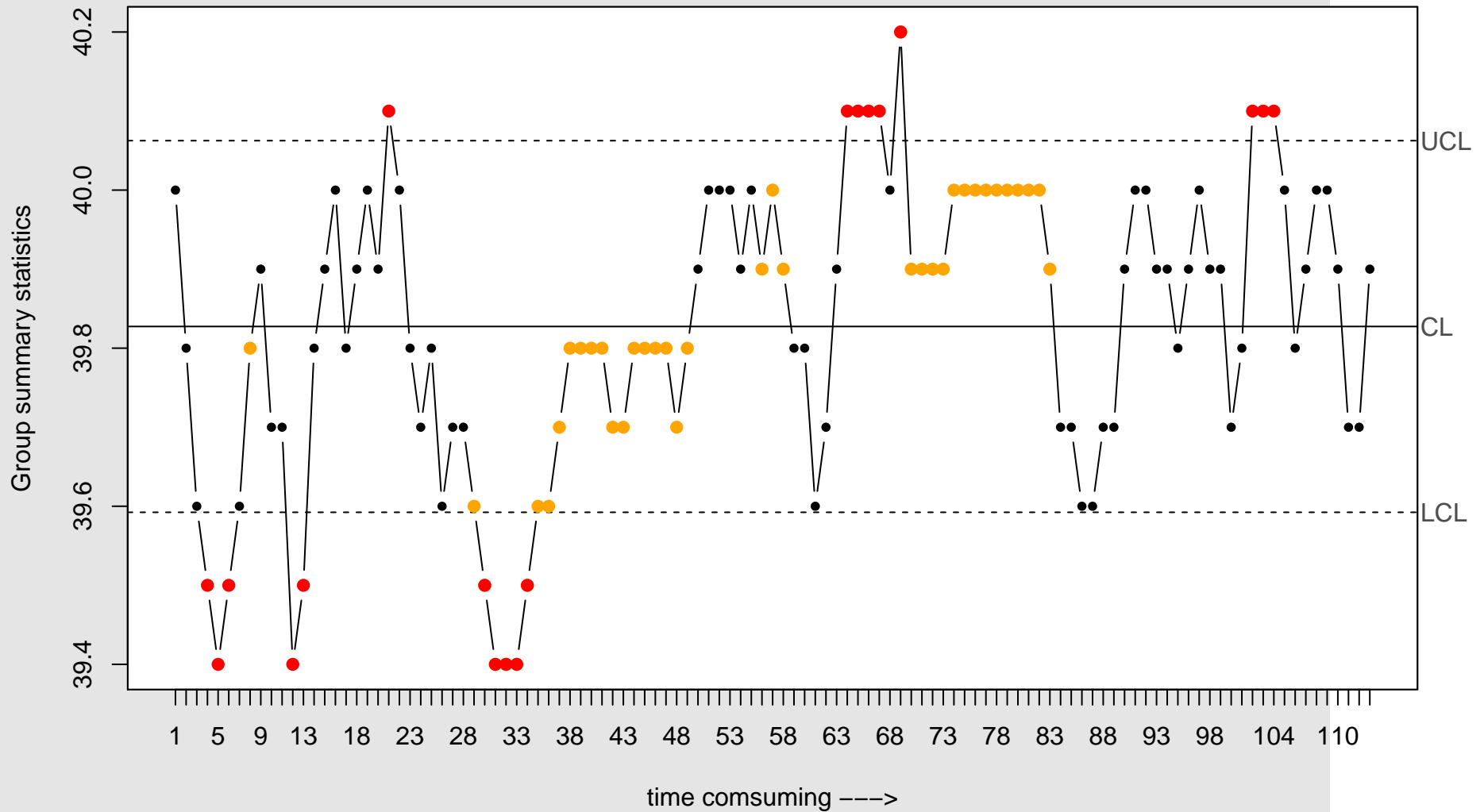
Number of groups = 113  
 Center = 39.8292  
 StdDev = 0.08627786

LCL = 39.57037  
 UCL = 40.08804

Number beyond limits = 17  
 Number violating runs = 16



### 314th column point of this product

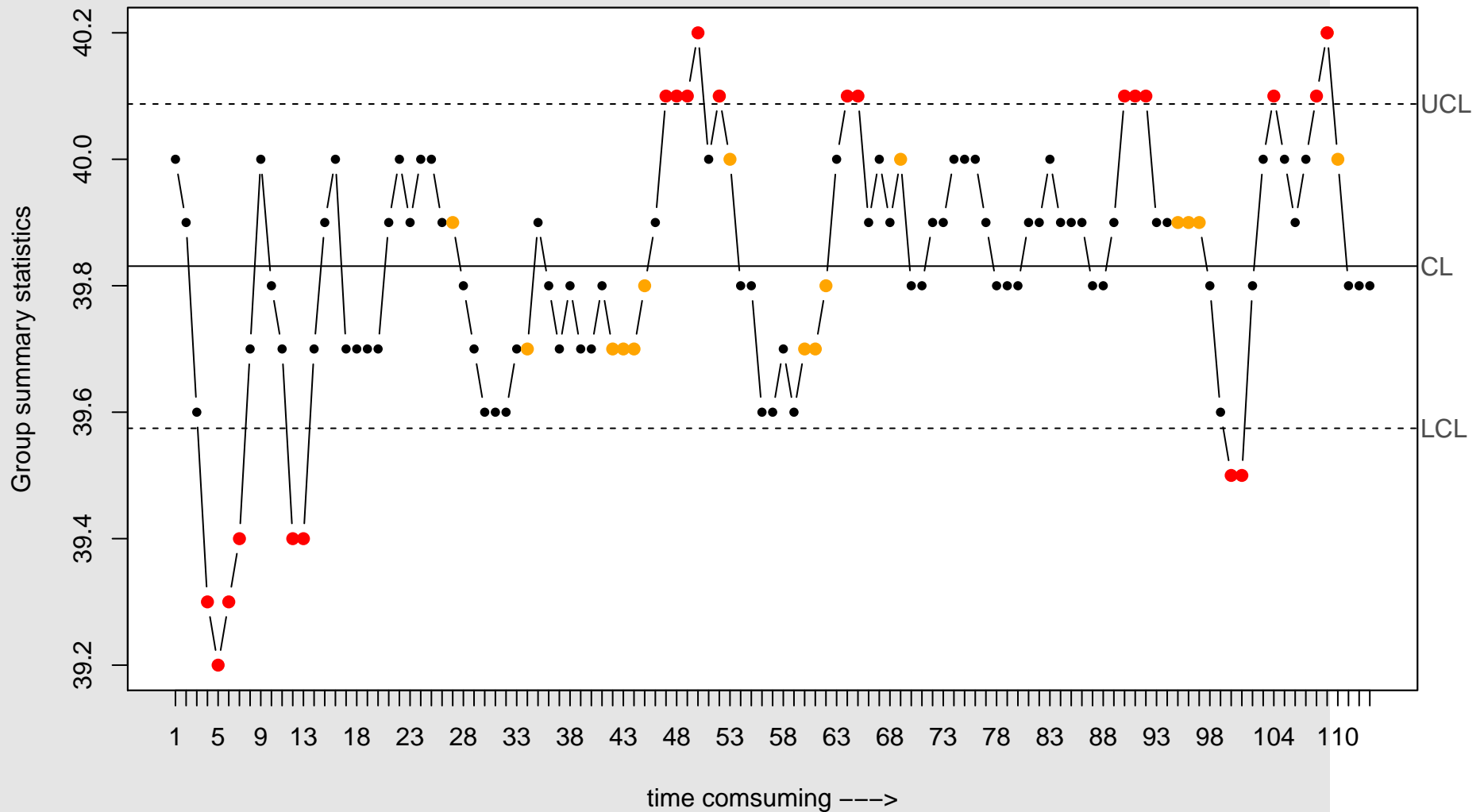


Number of groups = 113  
 Center = 39.82743  
 StdDev = 0.07836246

LCL = 39.59235  
 UCL = 40.06252

Number beyond limits = 19  
 Number violating runs = 40

### 315th column point of this product

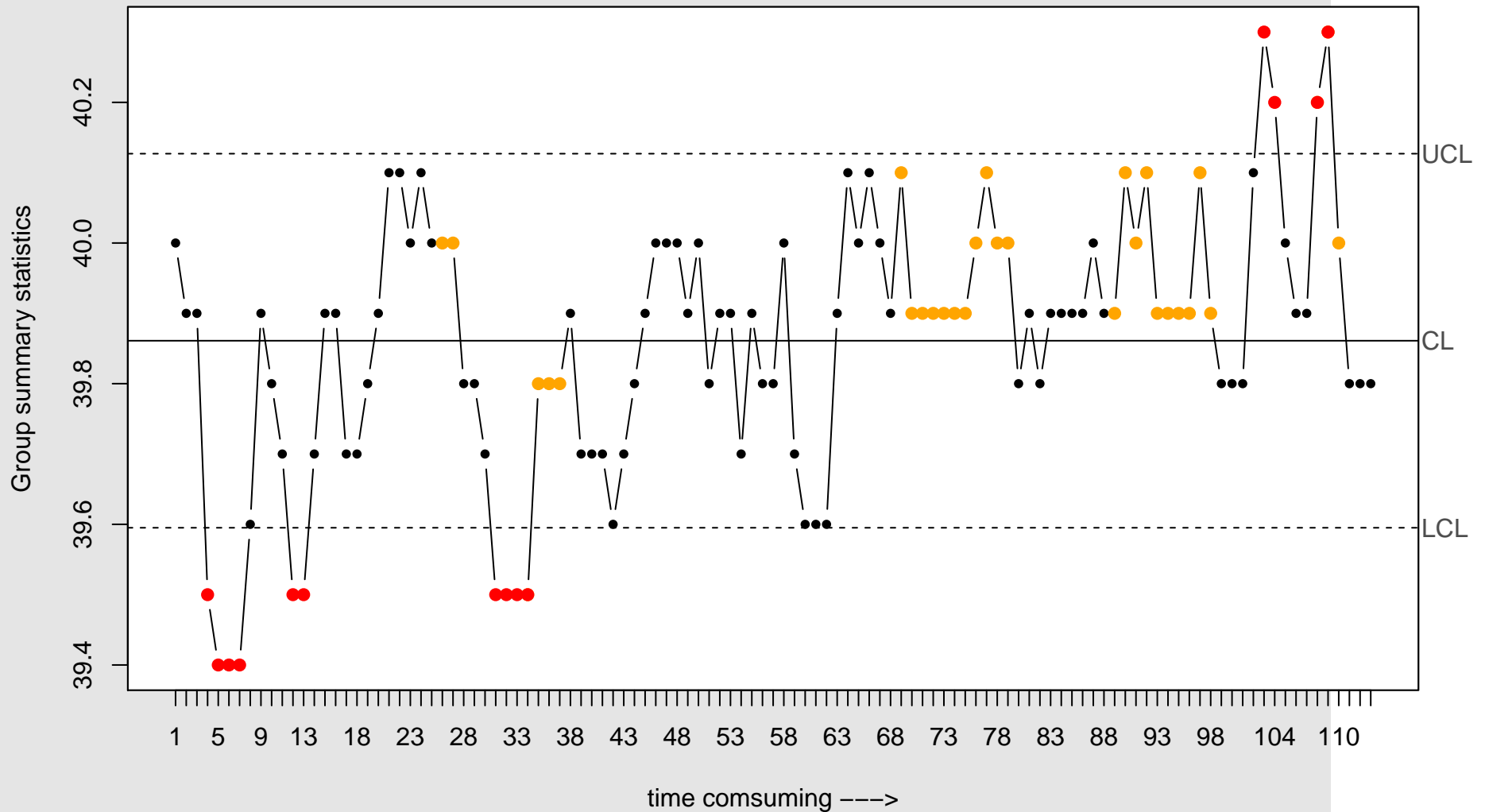


Number of groups = 113  
 Center = 39.83097  
 StdDev = 0.08548632

LCL = 39.57451  
 UCL = 40.08743

Number beyond limits = 21  
 Number violating runs = 17

### 316th column point of this product

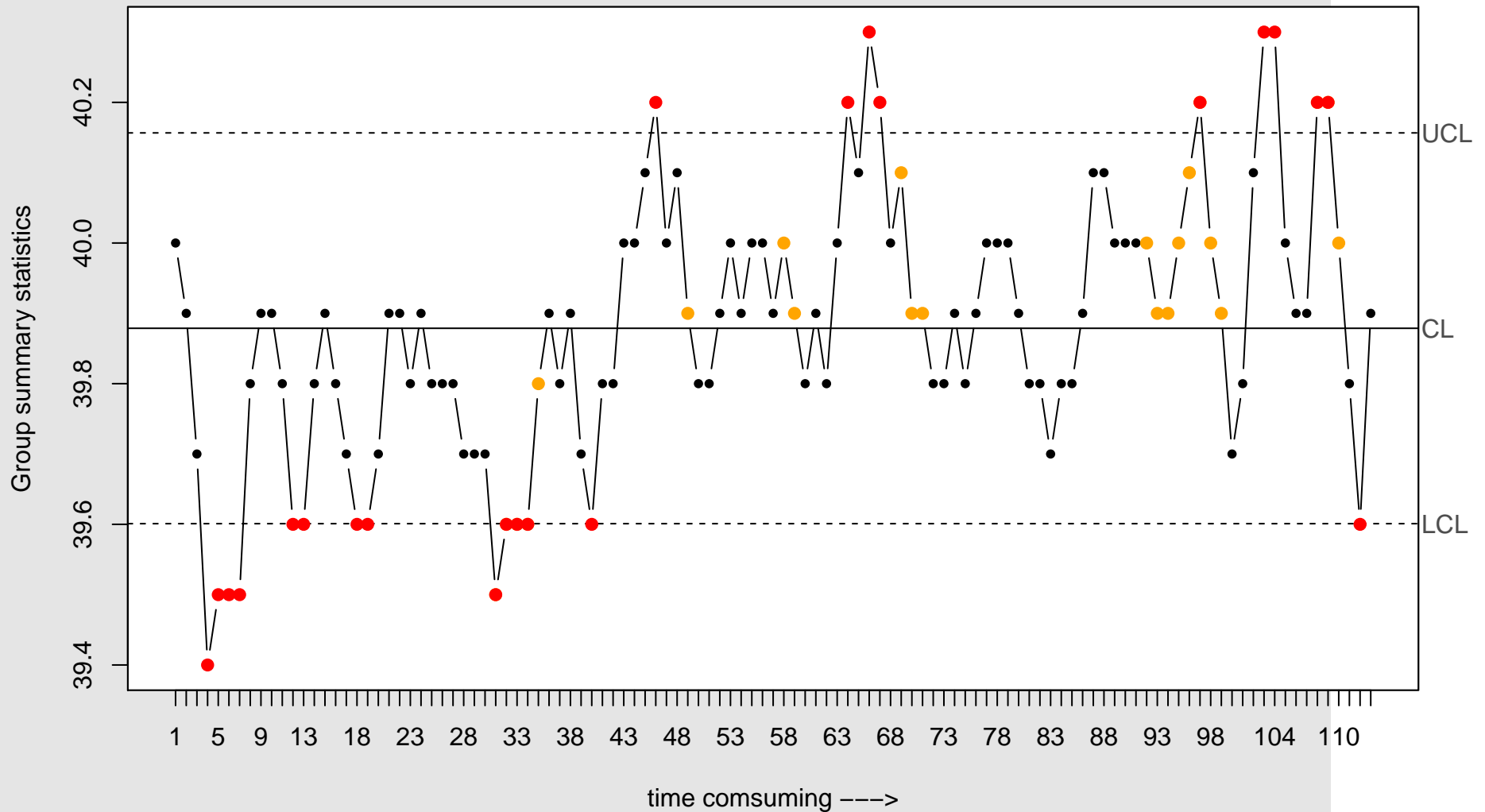


Number of groups = 113  
 Center = 39.86106  
 StdDev = 0.08865248

LCL = 39.5951  
 UCL = 40.12702

Number beyond limits = 14  
 Number violating runs = 30

### 317th column point of this product

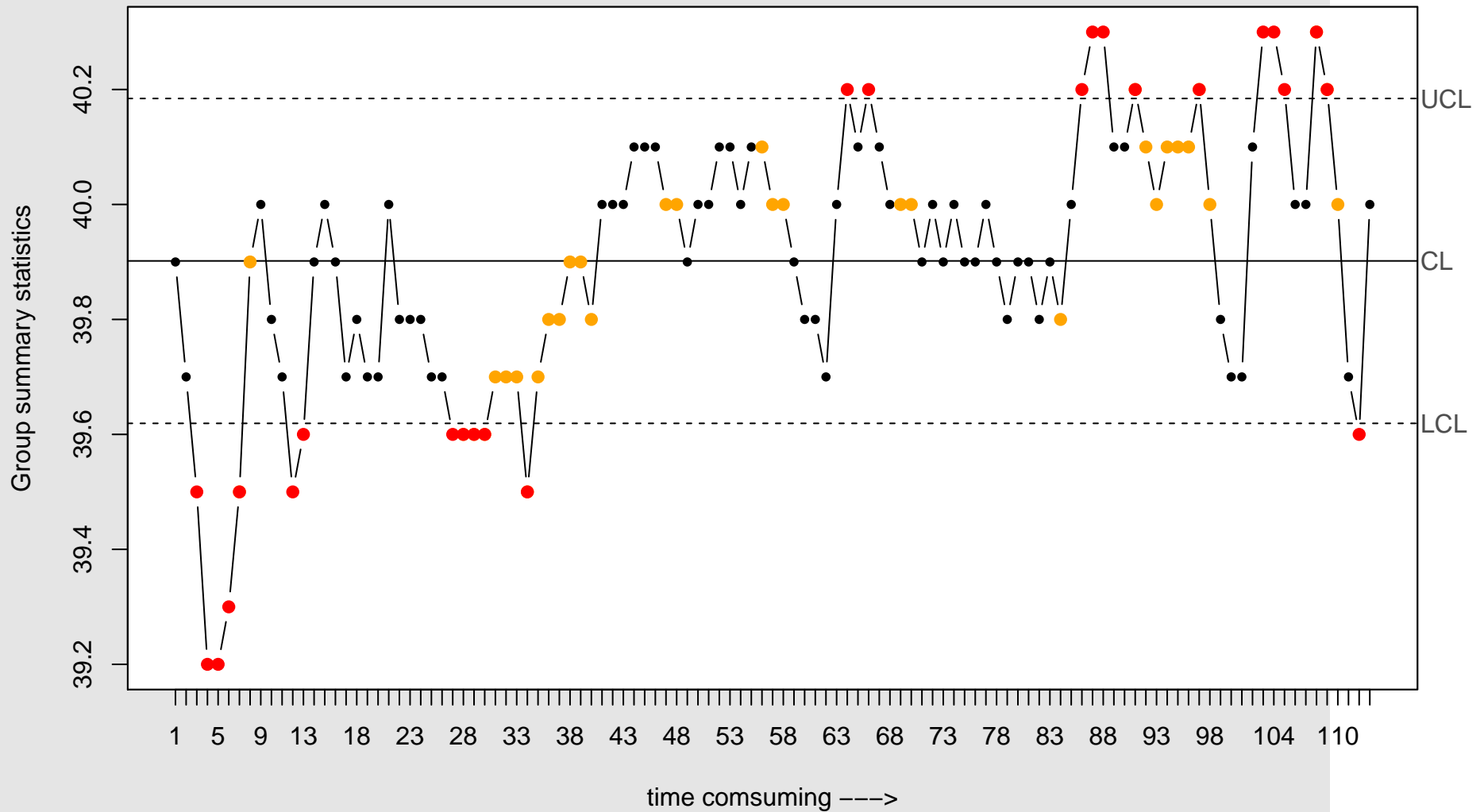


Number of groups = 113  
 Center = 39.87876  
 StdDev = 0.09261018

LCL = 39.60093  
 UCL = 40.15659

Number beyond limits = 23  
 Number violating runs = 22

### 318th column point of this product

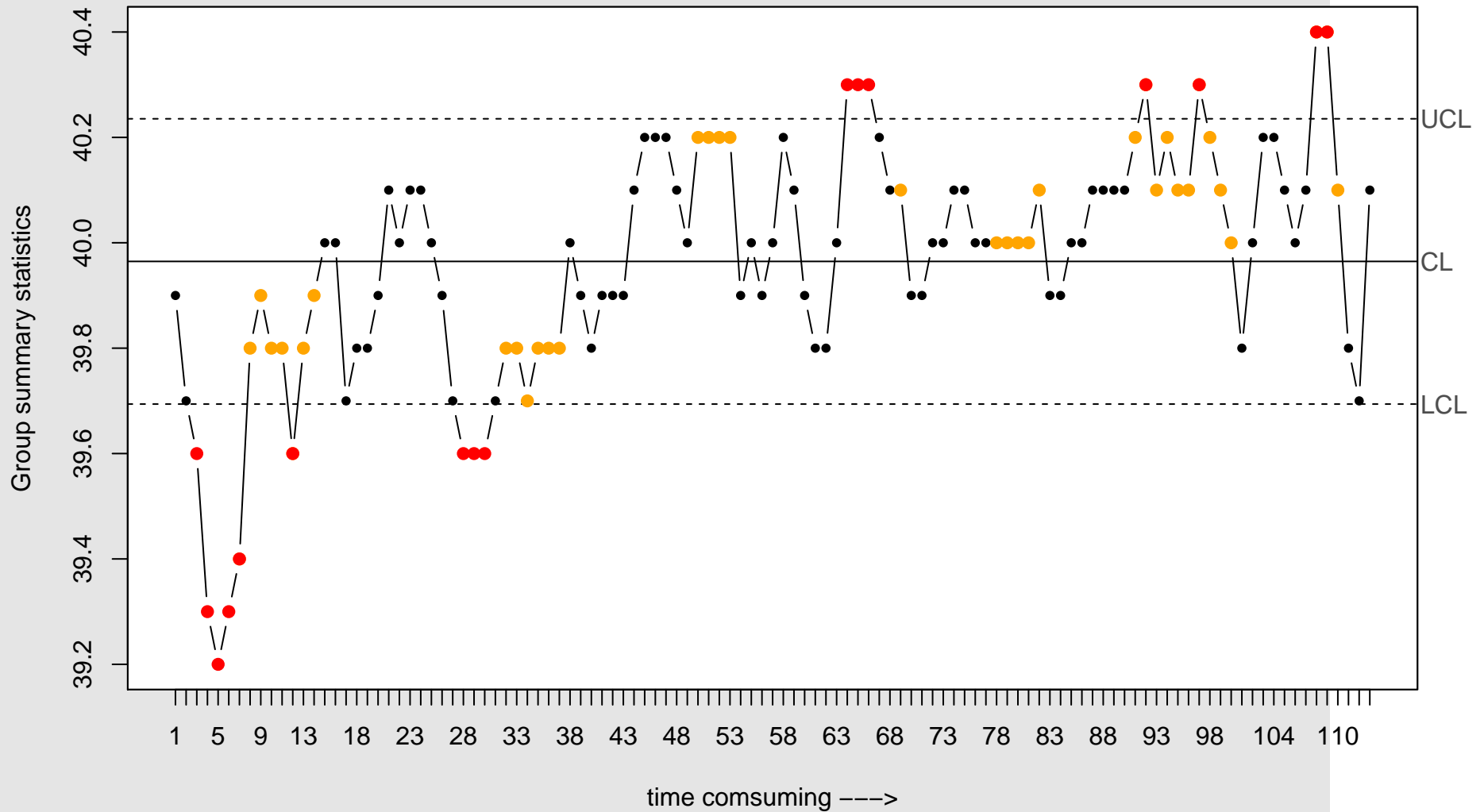


Number of groups = 113  
 Center = 39.90177  
 StdDev = 0.09419326

LCL = 39.61919  
 UCL = 40.18435

Number beyond limits = 25  
 Number violating runs = 34

### 319th column point of this product

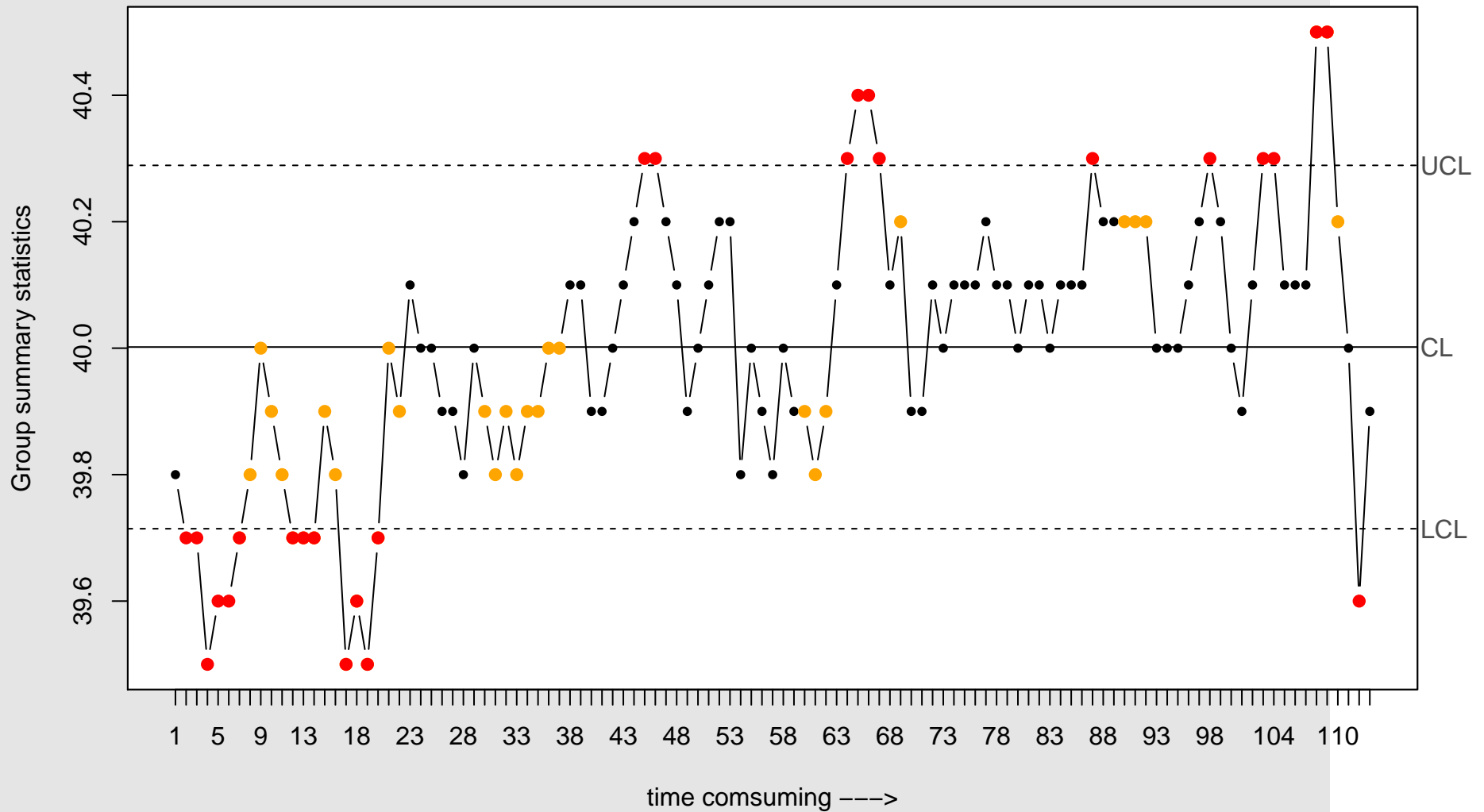


Number of groups = 113  
 Center = 39.9646  
 StdDev = 0.09023556

LCL = 39.6939  
 UCL = 40.23531

Number beyond limits = 16  
 Number violating runs = 37

### 320th column point of this product

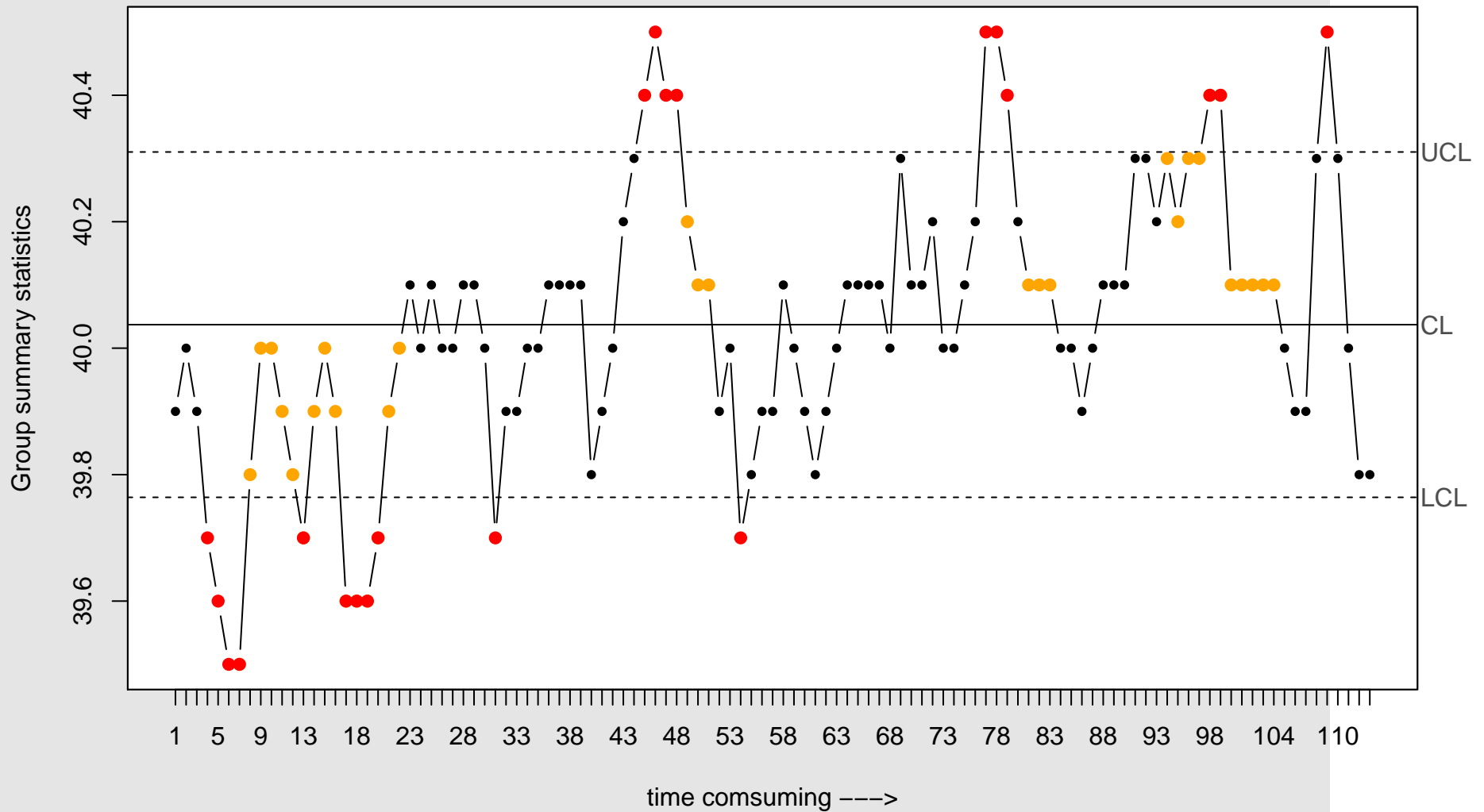


Number of groups = 113  
 Center = 40.00177  
 StdDev = 0.09577634

LCL = 39.71444  
 UCL = 40.2891

Number beyond limits = 26  
 Number violating runs = 34

### 321th column point of this product



Number of groups = 113

Center = 40.03717

StdDev = 0.0910271

LCL = 39.76409

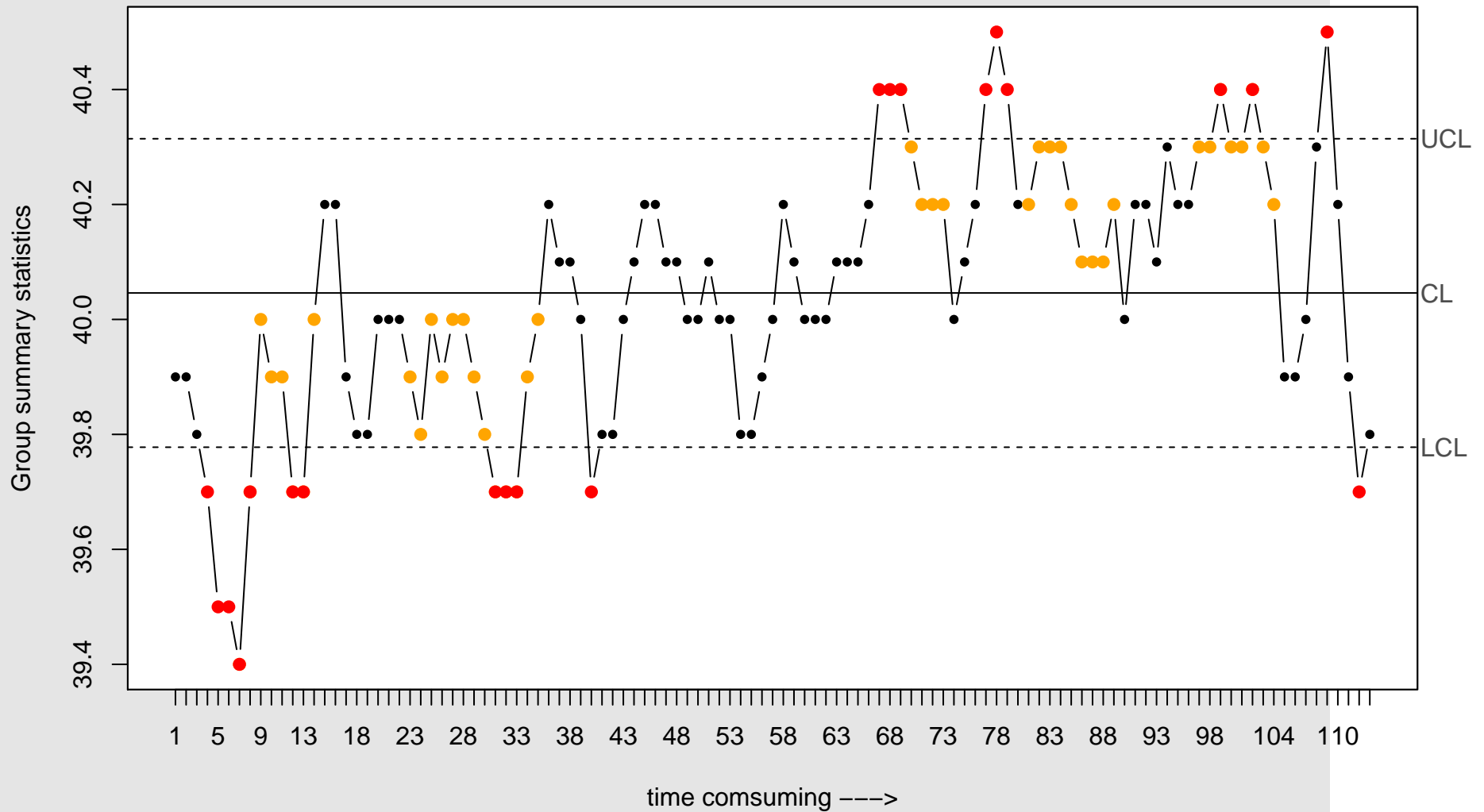
UCL = 40.31025

Number beyond limits = 21

Number violating runs = 33



### 322th column point of this product



Number of groups = 113

Center = 40.04602

StdDev = 0.08944402

LCL = 39.77769

UCL = 40.31435

Number beyond limits = 21

Number violating runs = 43