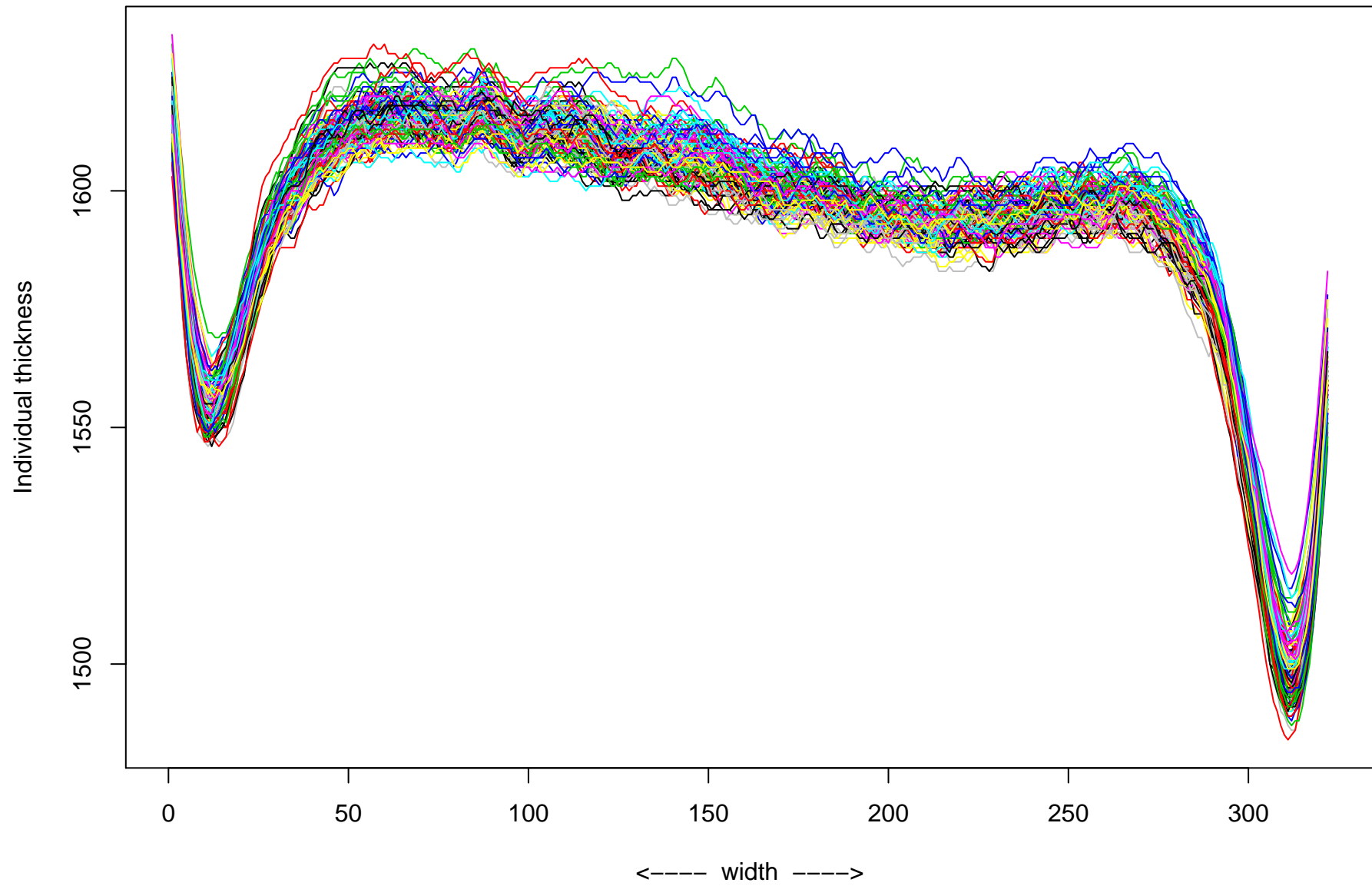
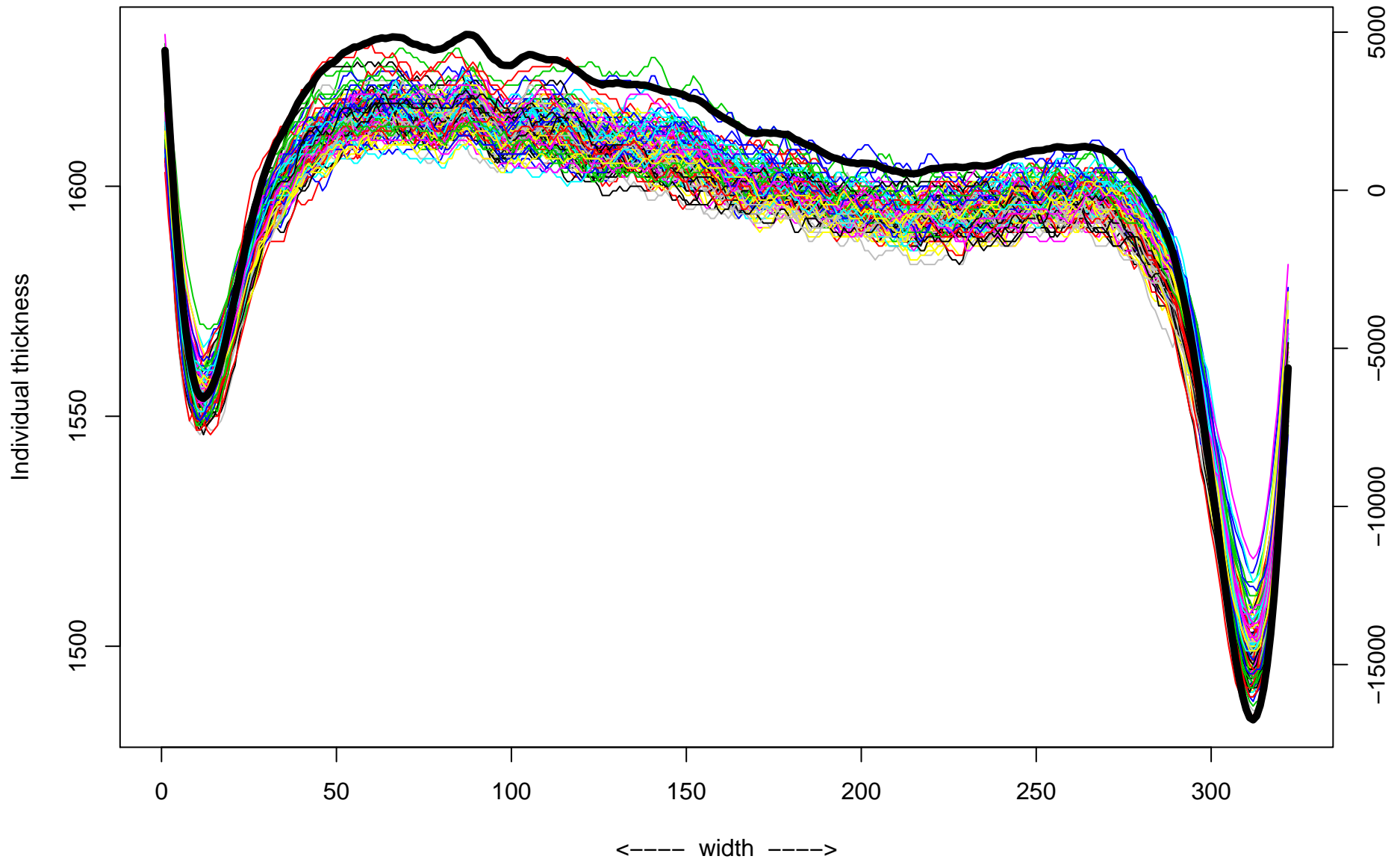


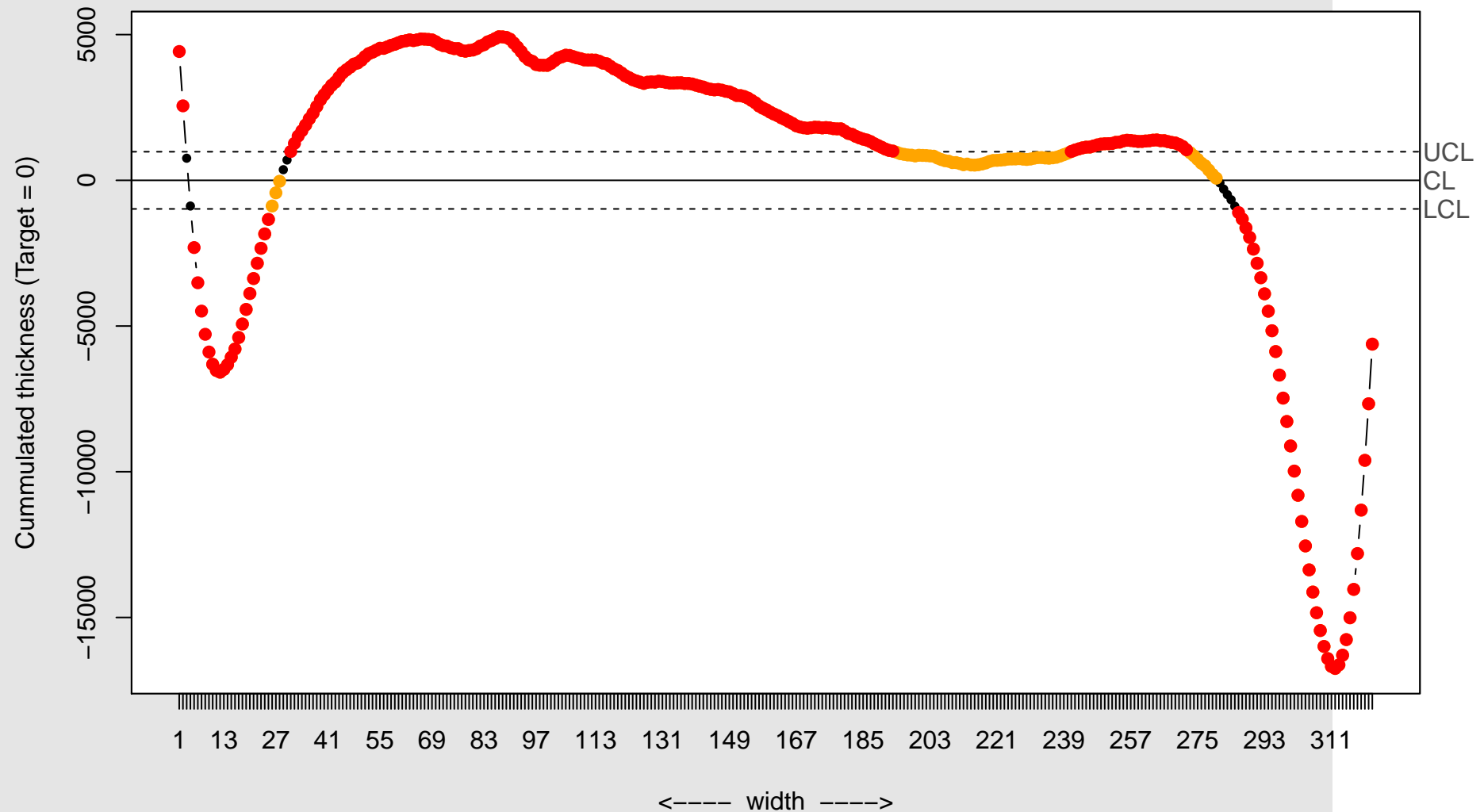
Individual thickness only



Simulated thickness



## Simulated thickness



Number of groups = 322

Center = 0

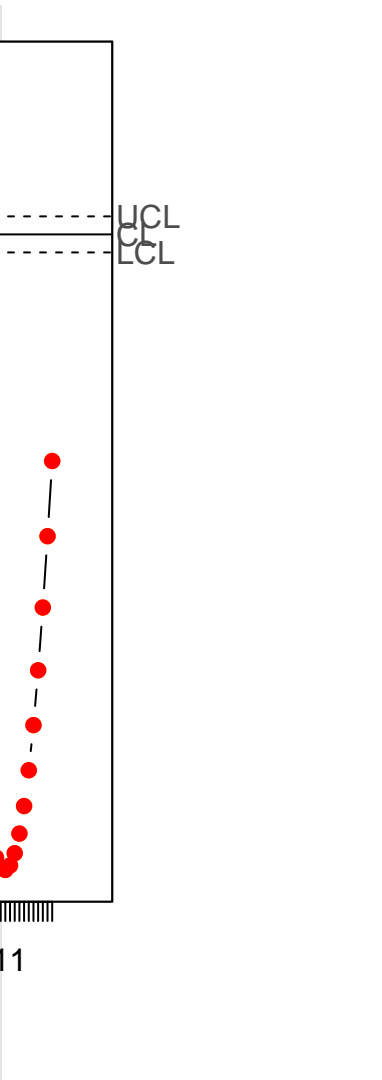
StdDev = 163.5459

LCL = -981.2753

UCL = 981.2753

Number beyond limits = 255

Number violating runs = 301

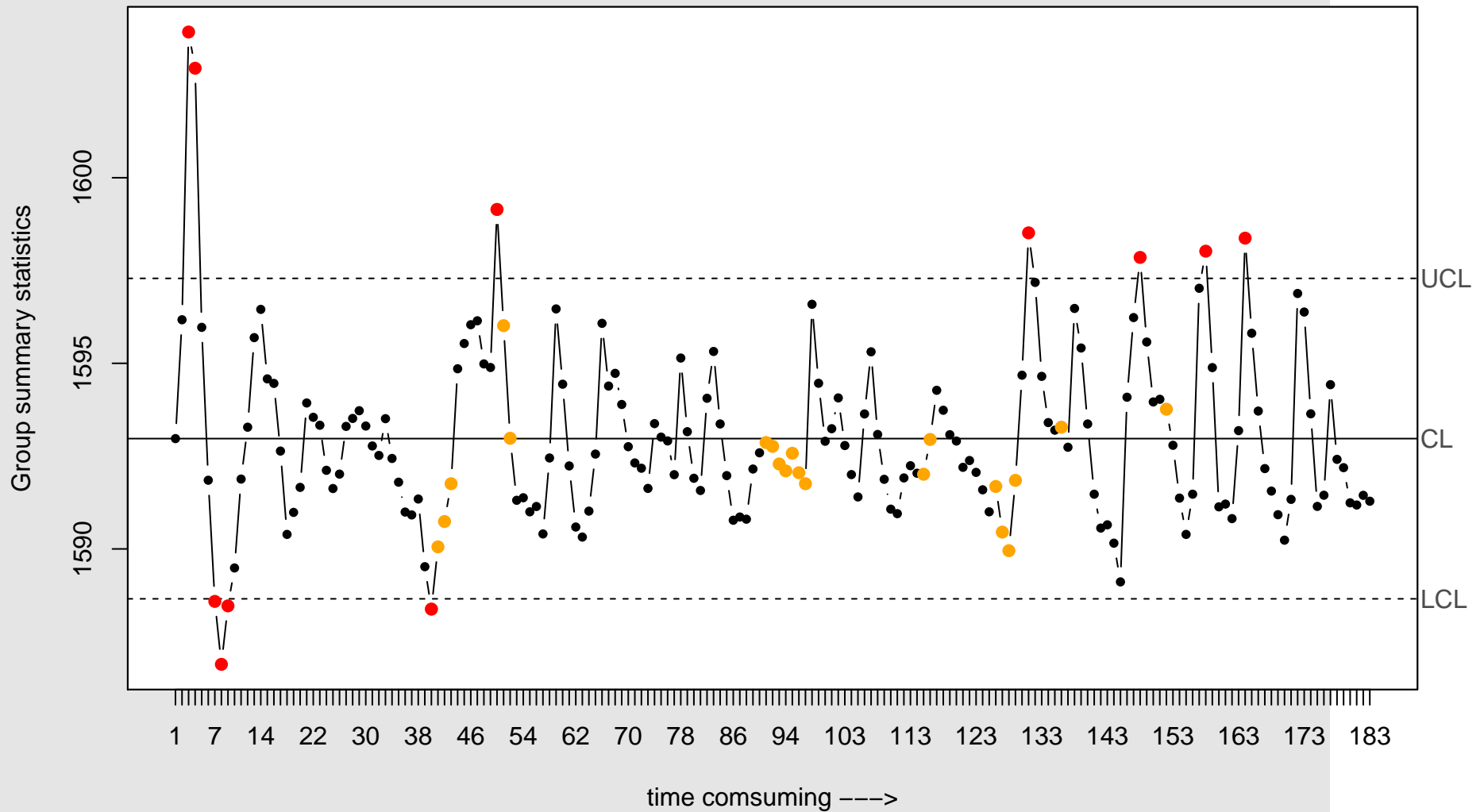


Number of groups = 322  
Center = 543.8696  
StdDev = 163.5459

LCL = 53.23193  
UCL = 1034.507

Number beyond limits = 260  
Number violating runs = 290

X-bar chart for a given dataset

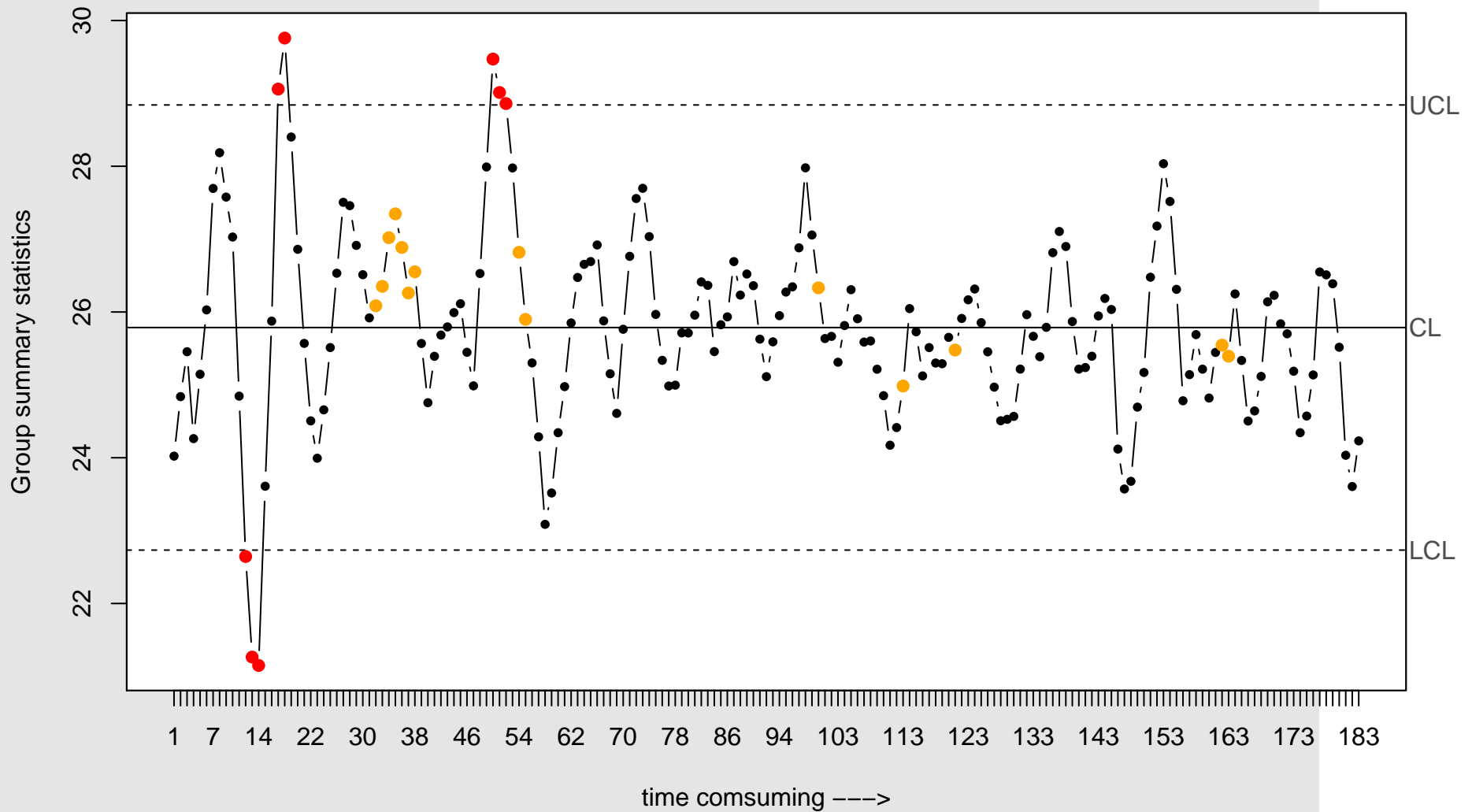


Number of groups = 183  
Center = 1592.972  
StdDev = 25.81783

LCL = 1588.656  
UCL = 1597.288

Number beyond limits = 11  
Number violating runs = 22

S chart for a given dataset

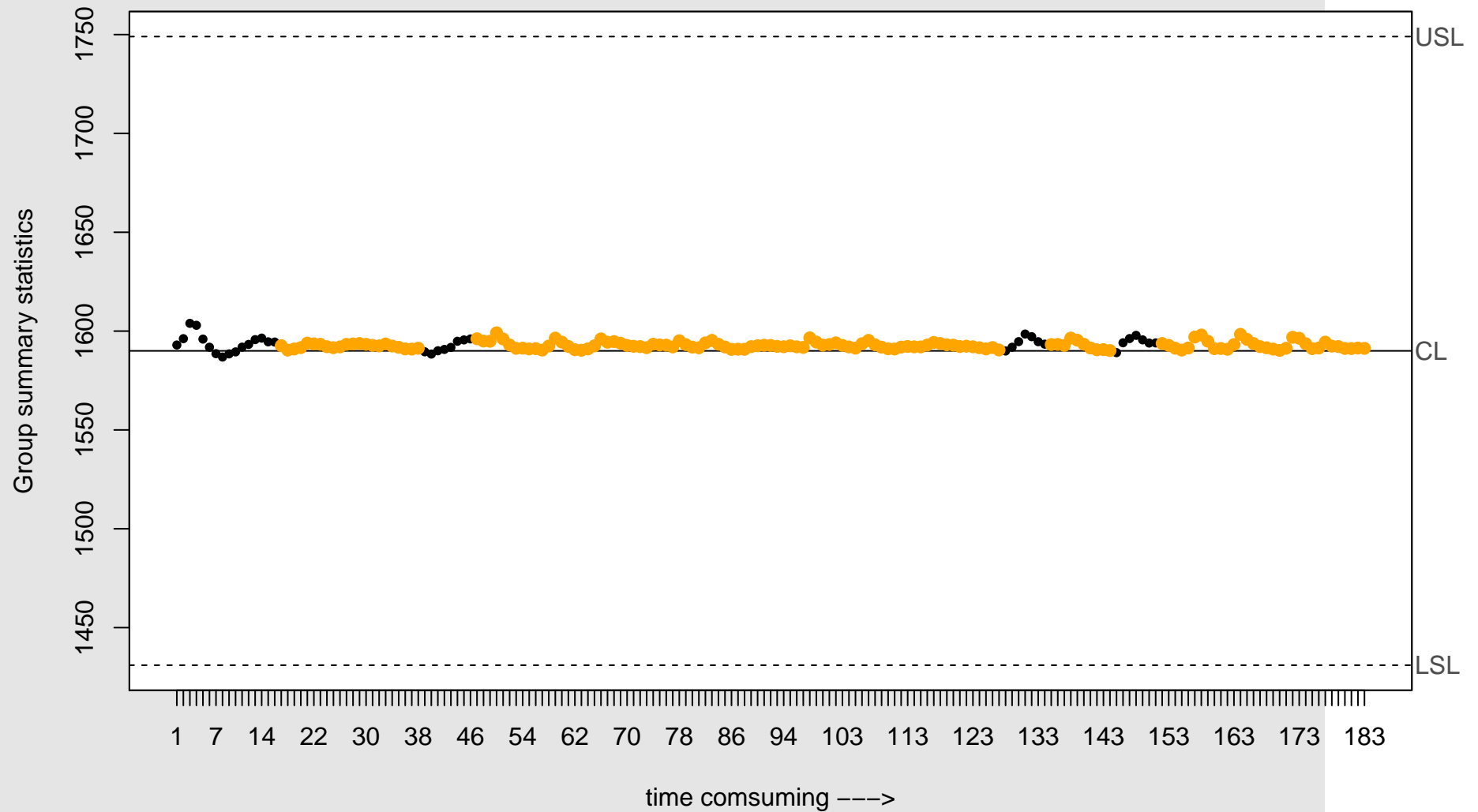


Number of groups = 183  
Center = 25.78664  
StdDev = 25.80674

LCL = 22.7323  
UCL = 28.84098

Number beyond limits = 8  
Number violating runs = 14

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



Number of groups = 183

Center = 1590

StdDev = 25.81783

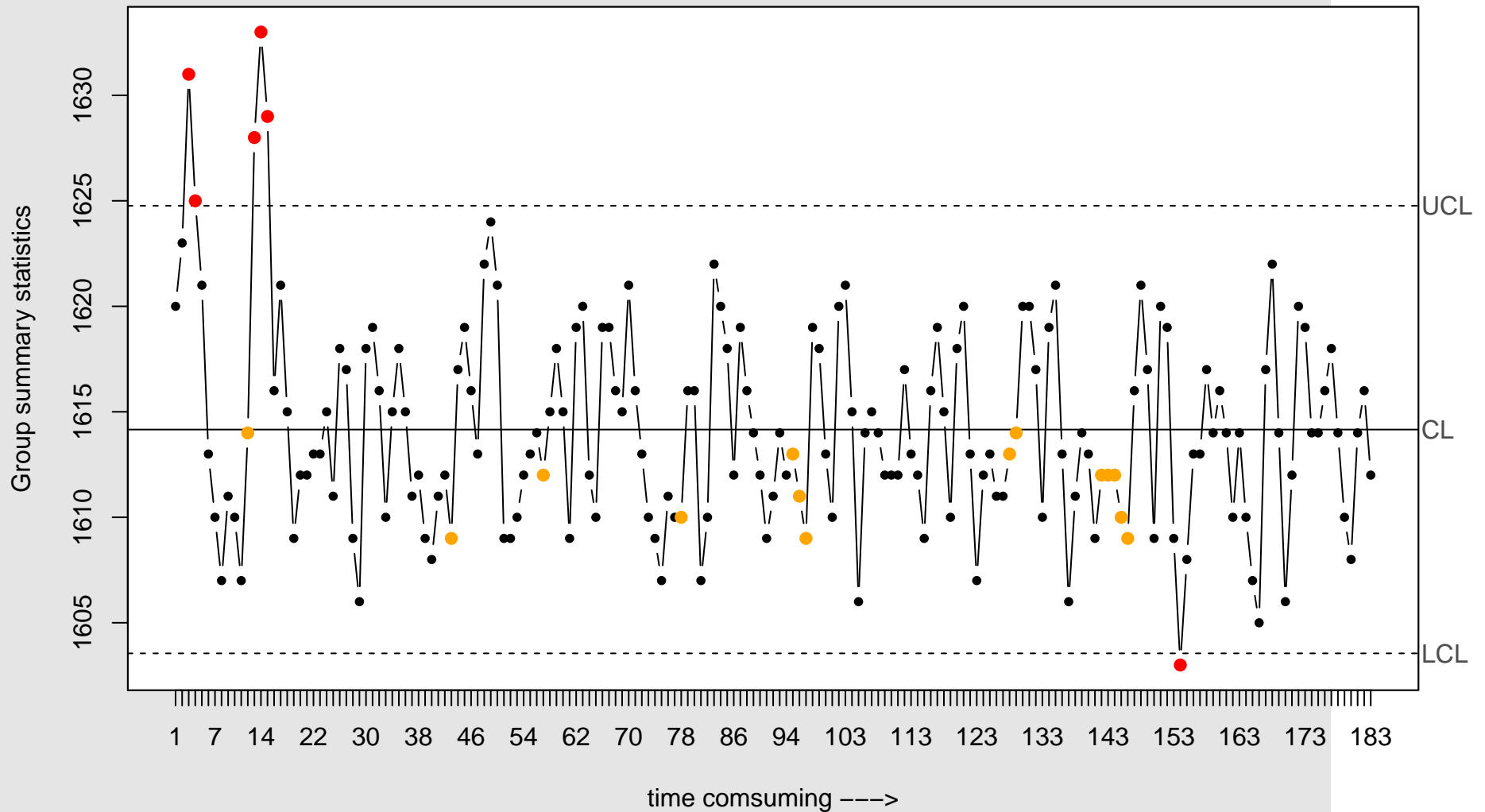
LCL = 1431

UCL = 1749

Number beyond limits = 0

Number violating runs = 145

# 1th column point of this product



Number of groups = 183

Center = 1614.158

StdDev = 3.536357

LCL = 1603.549

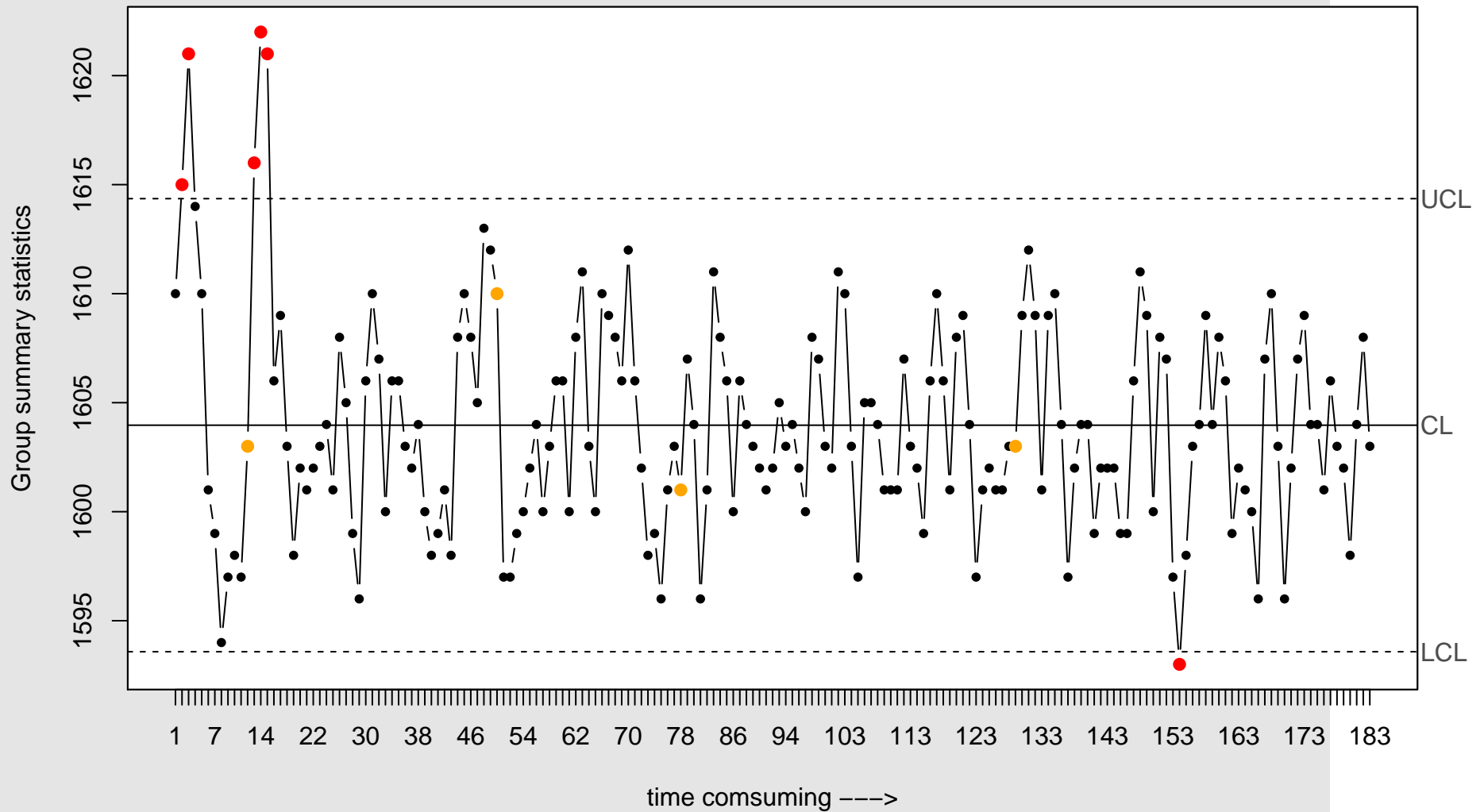
UCL = 1624.768

Number beyond limits = 6

Number violating runs = 14



## 2th column point of this product



Number of groups = 183

Center = 1603.967

StdDev = 3.463292

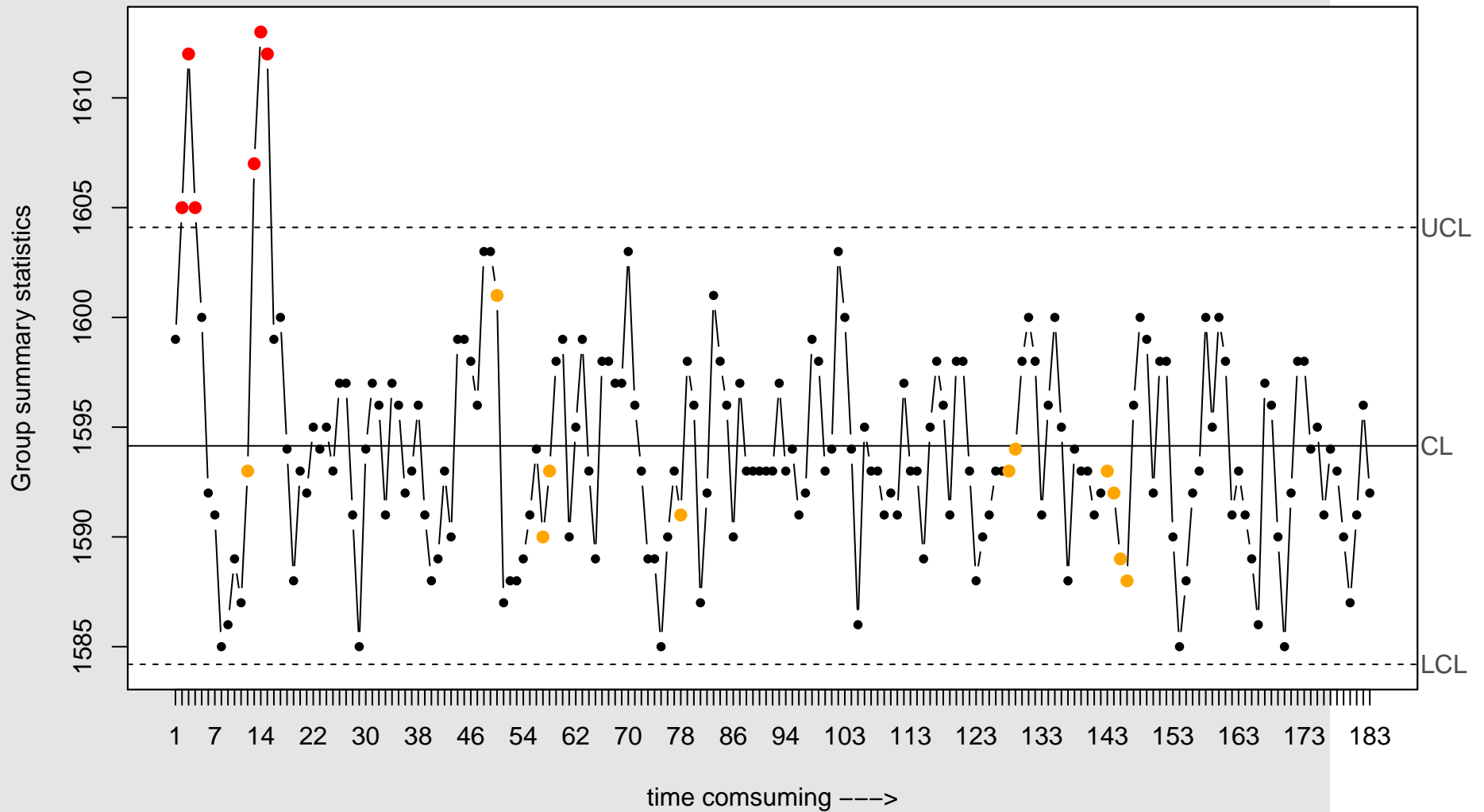
LCL = 1593.577

UCL = 1614.357

Number beyond limits = 6

Number violating runs = 4

### 3th column point of this product



Number of groups = 183

Center = 1594.148

StdDev = 3.317162

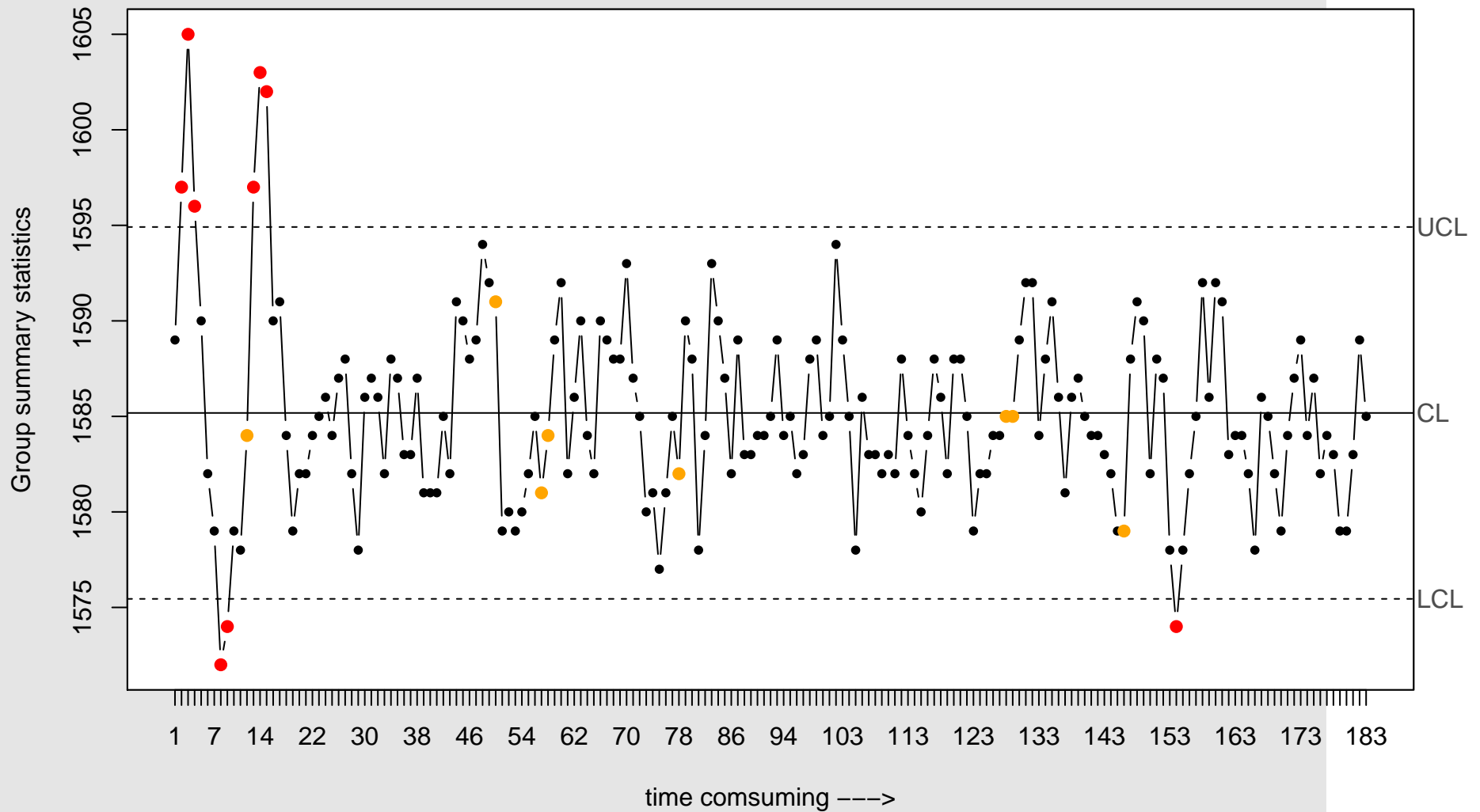
LCL = 1584.196

UCL = 1604.099

Number beyond limits = 6

Number violating runs = 11

### 4th column point of this product



Number of groups = 183

Center = 1585.18

StdDev = 3.244096

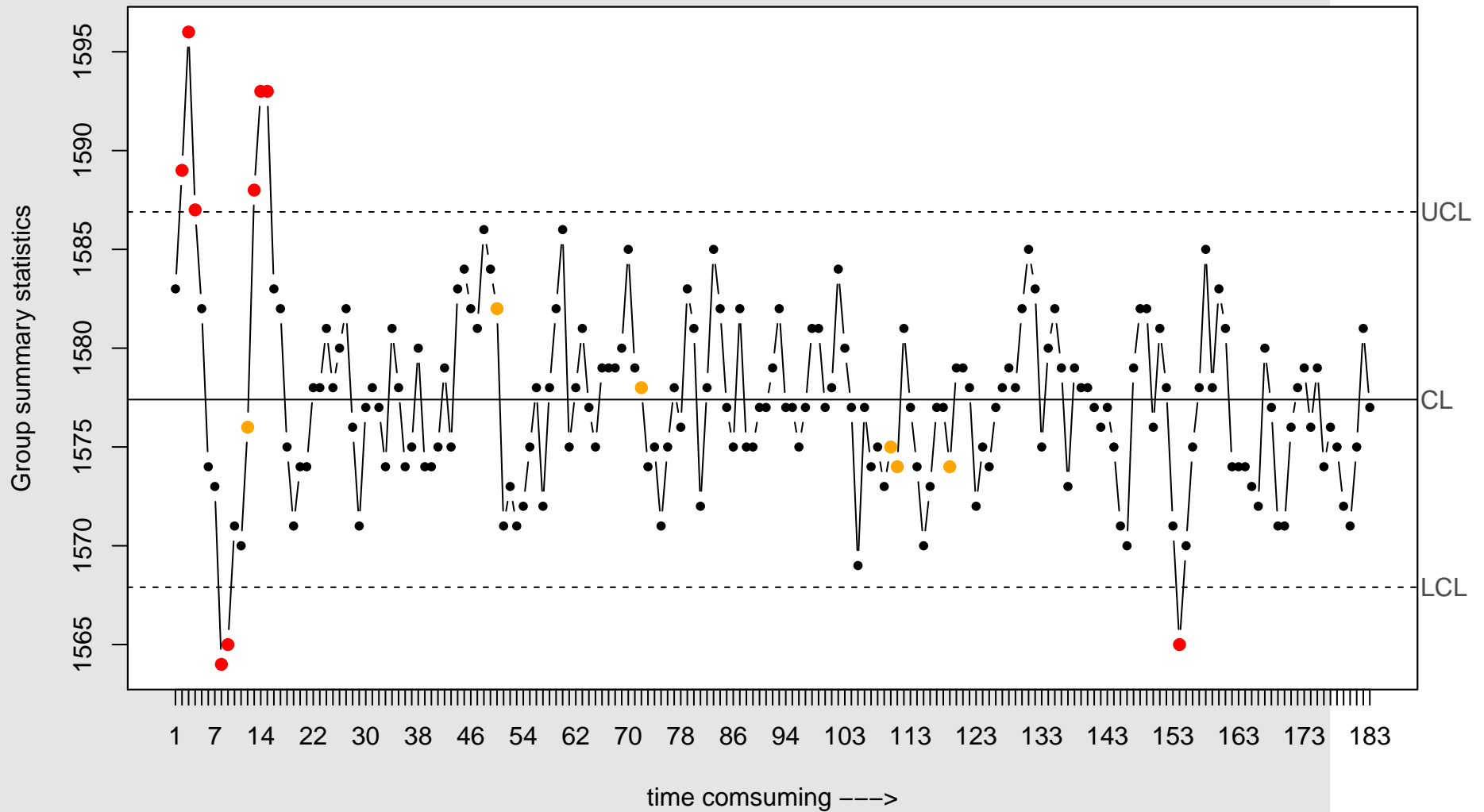
LCL = 1575.448

UCL = 1594.913

Number beyond limits = 9

Number violating runs = 8

### 5th column point of this product



Number of groups = 183

Center = 1577.399

StdDev = 3.16616

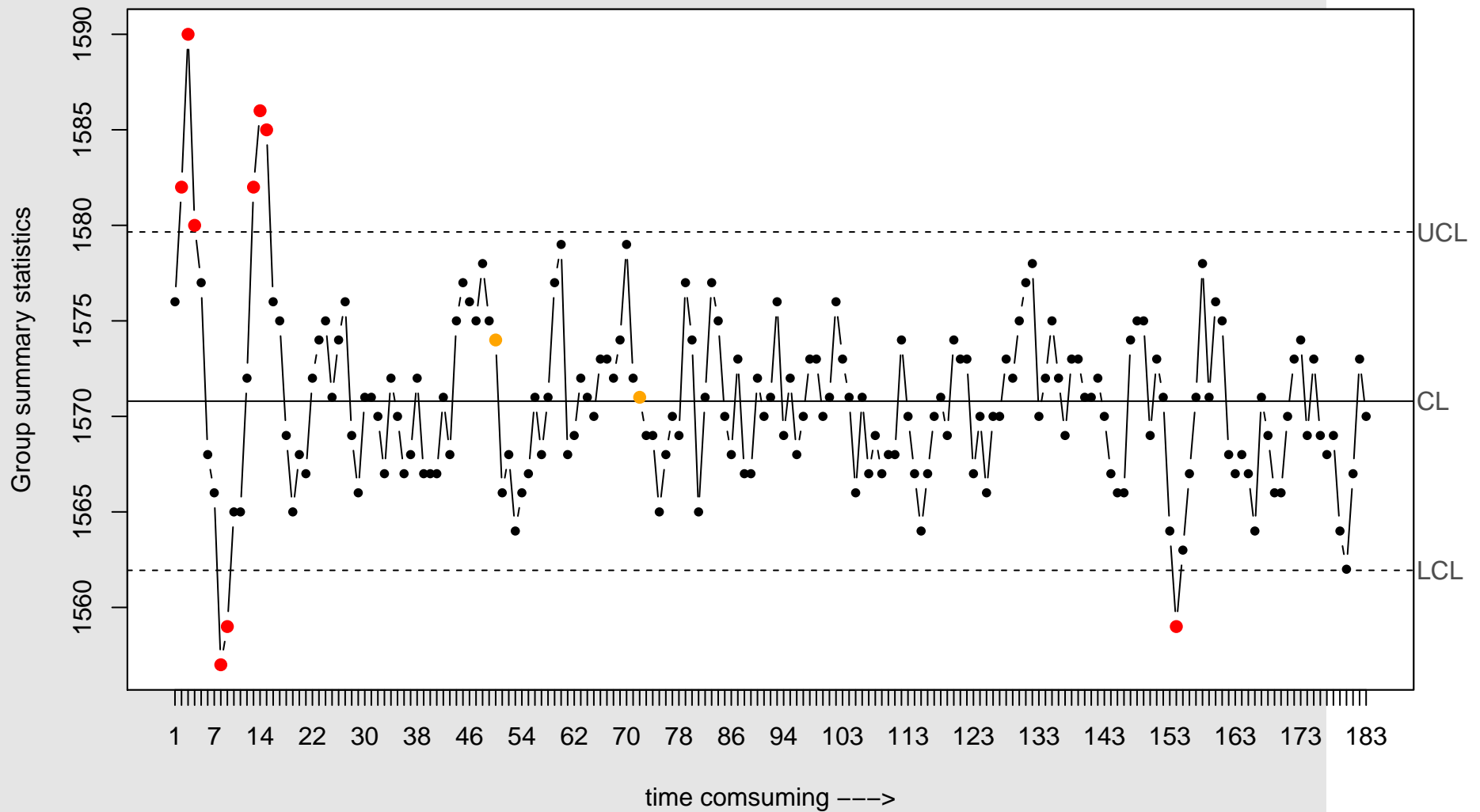
LCL = 1567.9

UCL = 1586.897

Number beyond limits = 9

Number violating runs = 6

# 6th column point of this product



Number of groups = 183

Center = 1570.798

StdDev = 2.951835

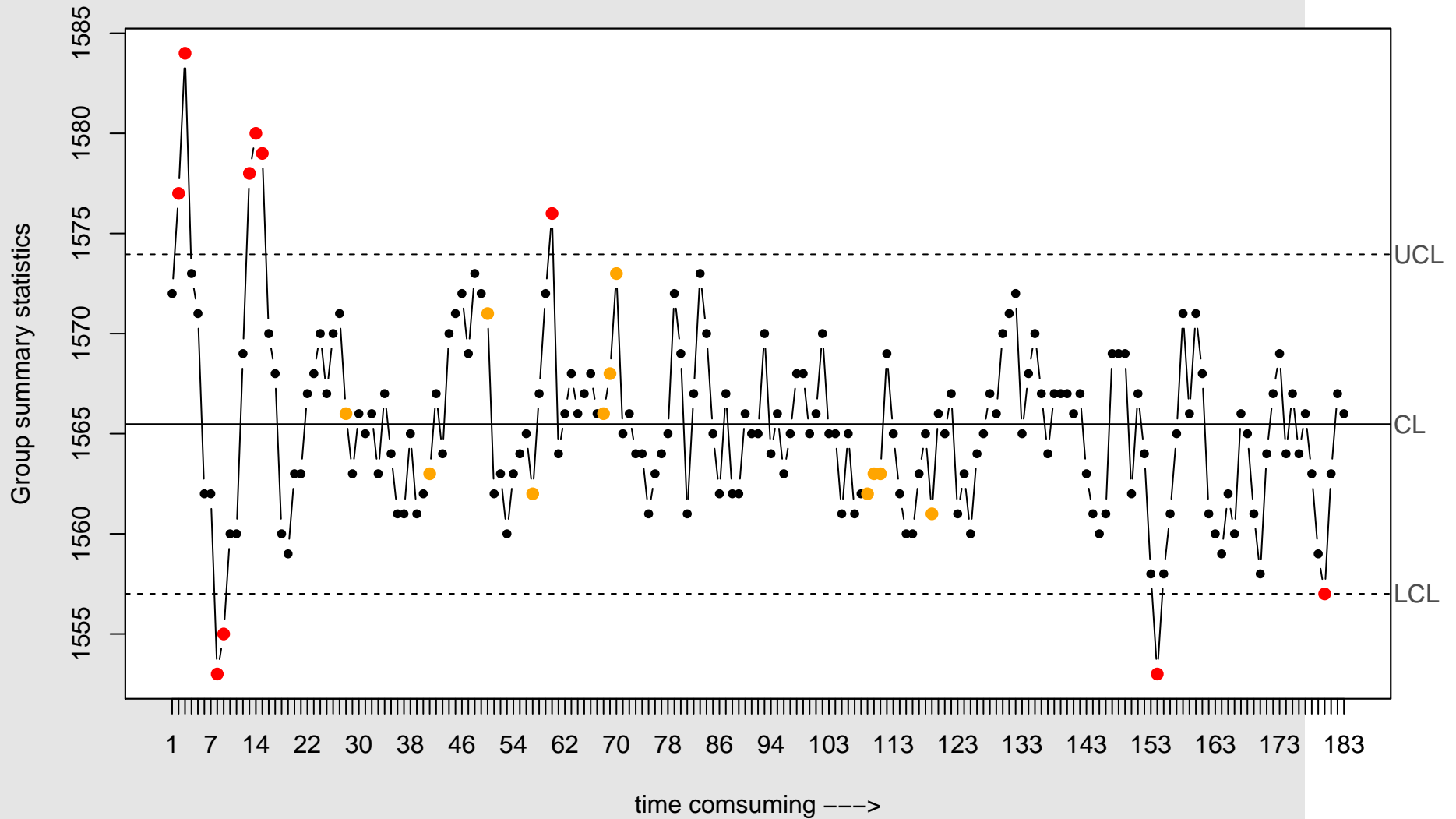
LCL = 1561.942

UCL = 1579.653

Number beyond limits = 9

Number violating runs = 2

# 7th column point of this product



Number of groups = 183

Center = 1565.481

StdDev = 2.825189

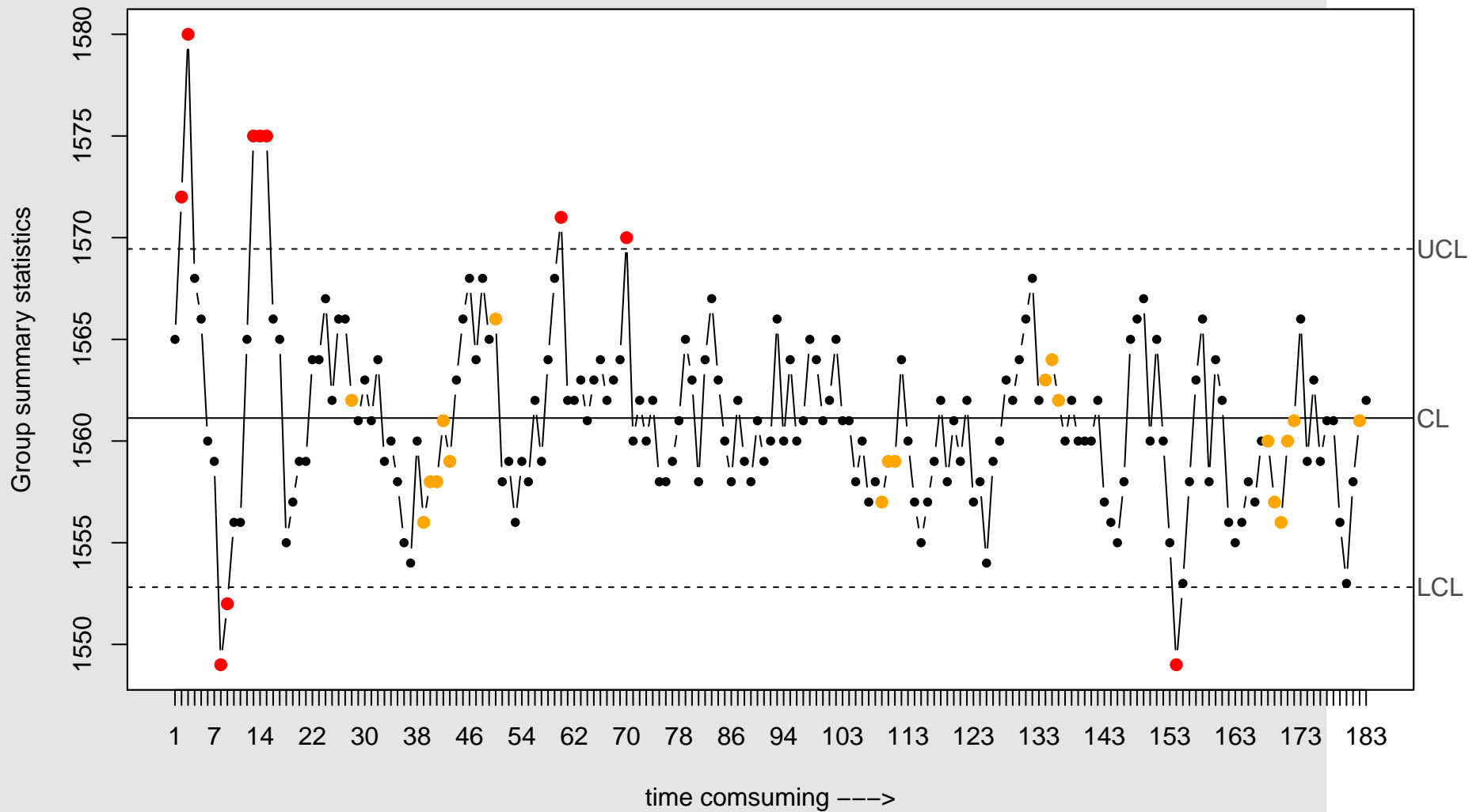
LCL = 1557.005

UCL = 1573.956

Number beyond limits = 10

Number violating runs = 11

### 8th column point of this product



Number of groups = 183

Center = 1561.131

StdDev = 2.771608

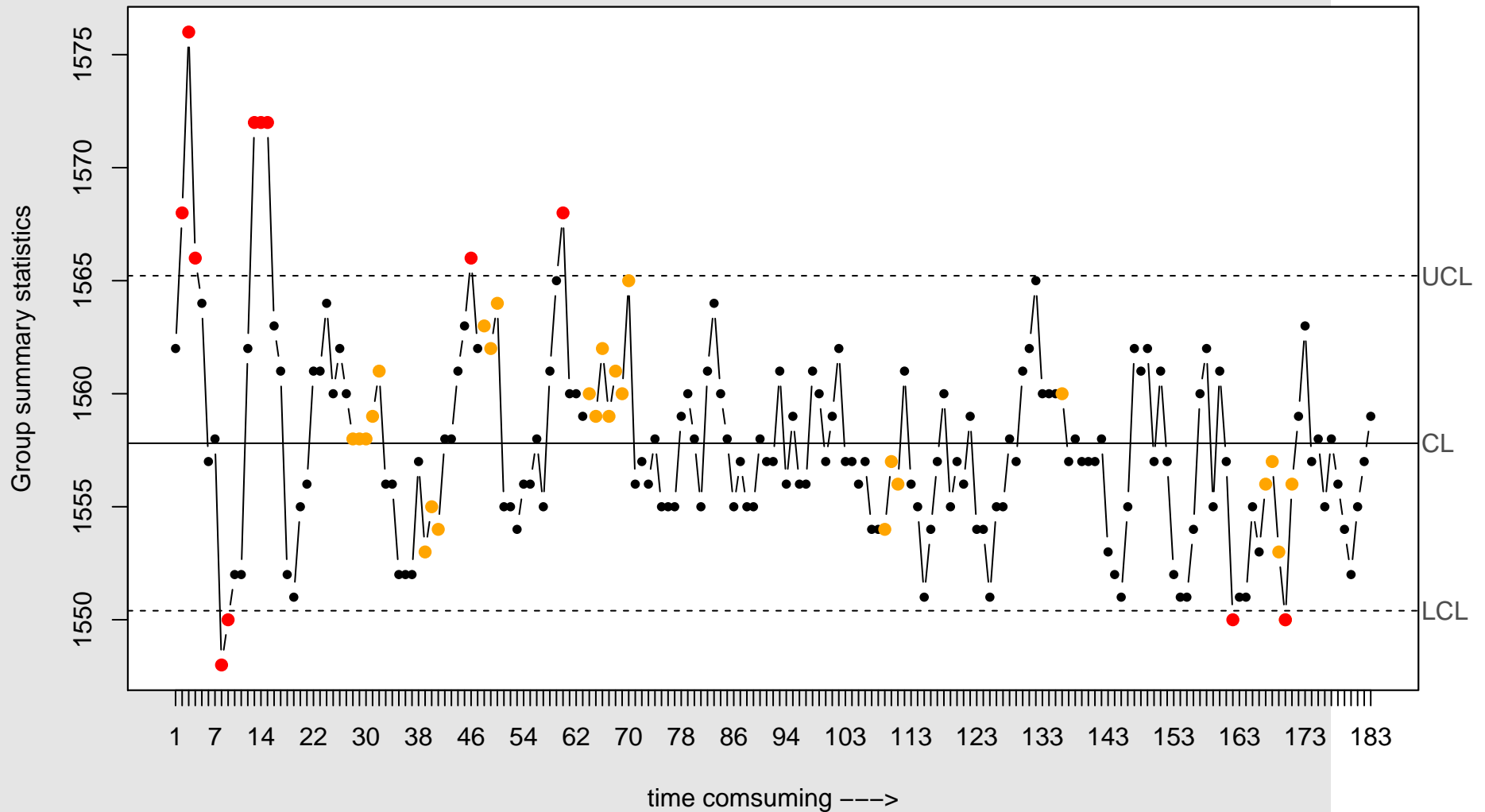
LCL = 1552.816

UCL = 1569.446

Number beyond limits = 10

Number violating runs = 19

# 9th column point of this product



Number of groups = 183

Center = 1557.809

StdDev = 2.469605

LCL = 1550.4

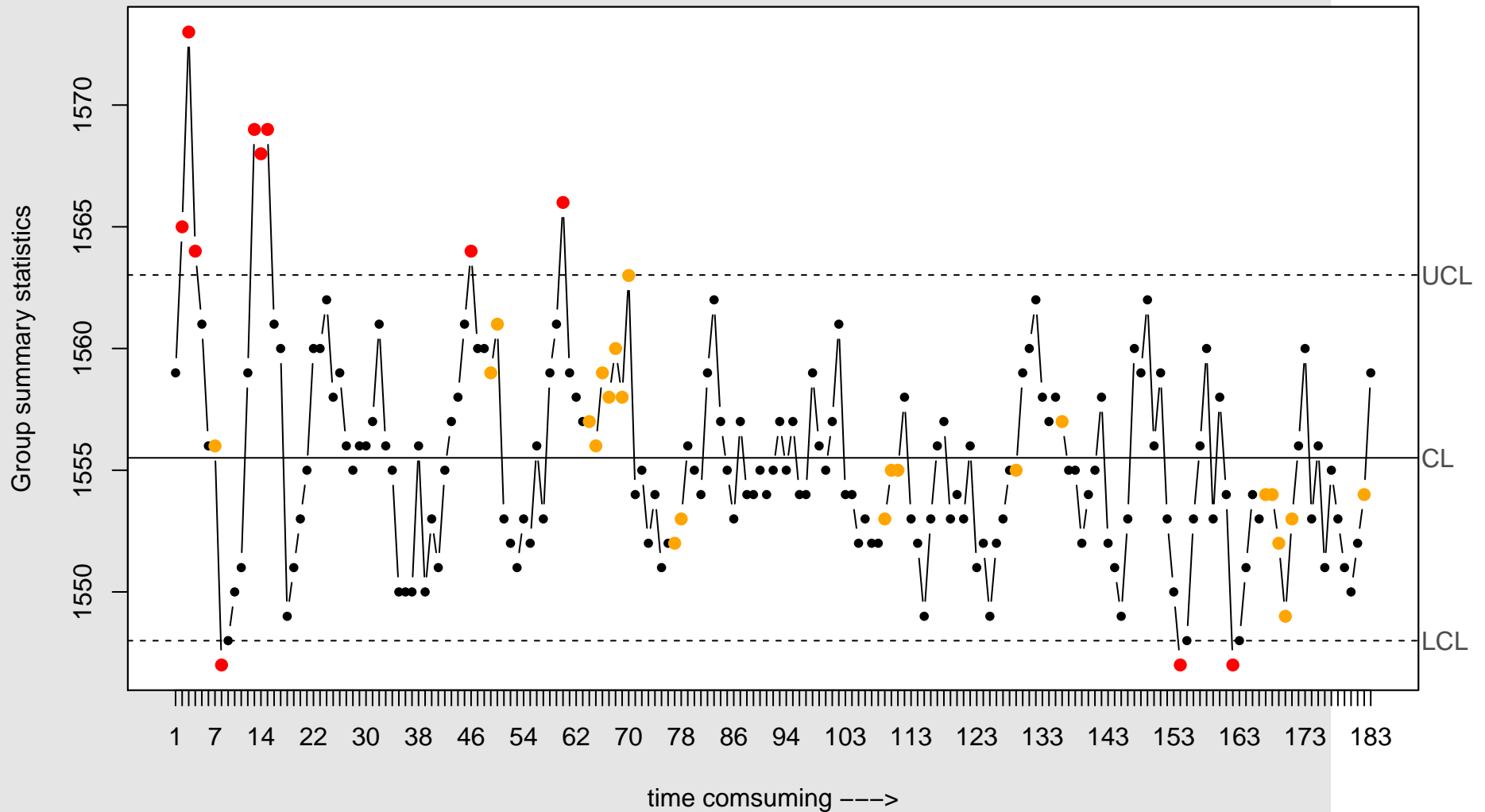
UCL = 1565.218

Number beyond limits = 12

Number violating runs = 27



# 10th column point of this product



Number of groups = 183

Center = 1555.508

StdDev = 2.503702

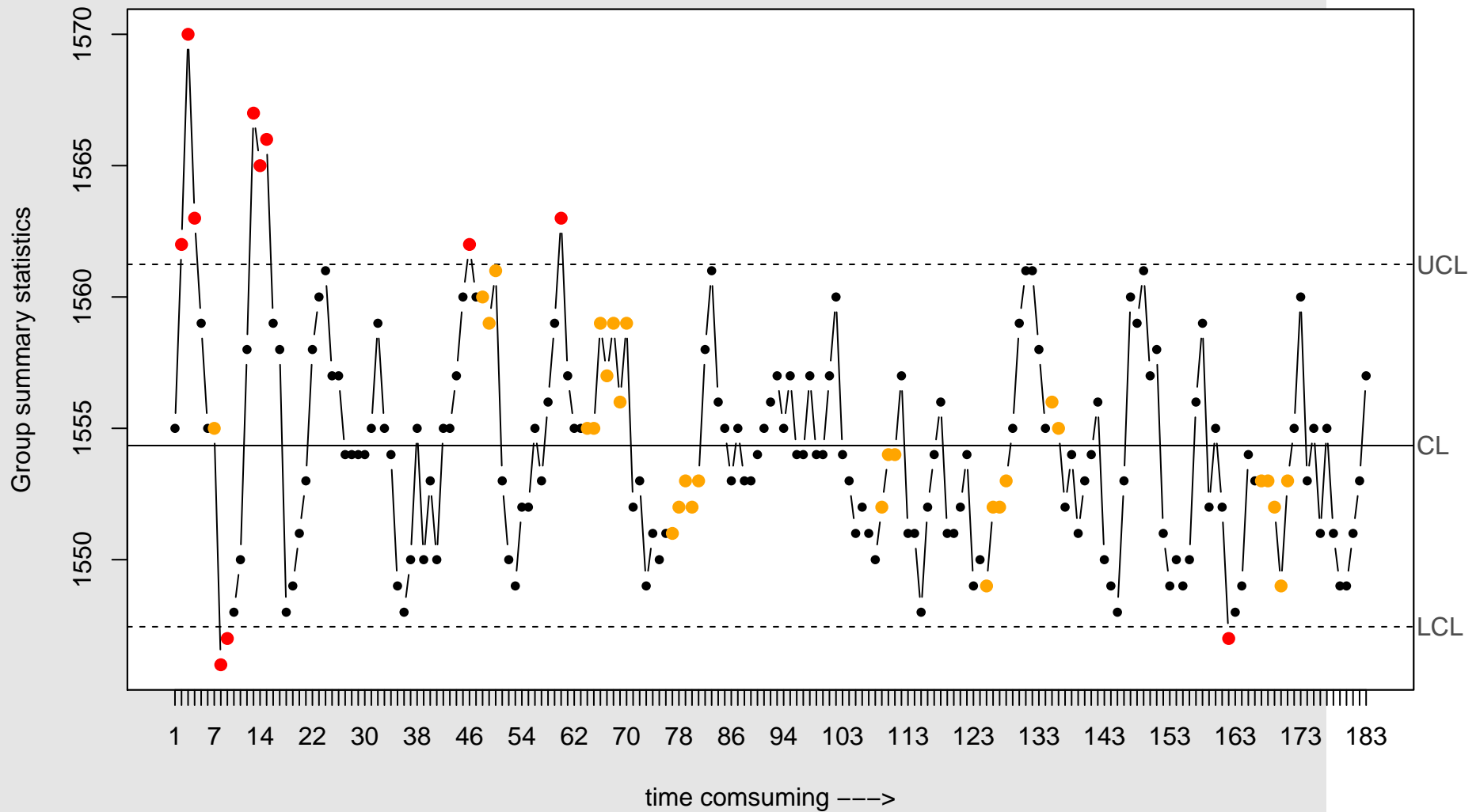
LCL = 1547.997

UCL = 1563.019

Number beyond limits = 11

Number violating runs = 23

# 11th column point of this product



Number of groups = 183

Center = 1554.344

StdDev = 2.299119

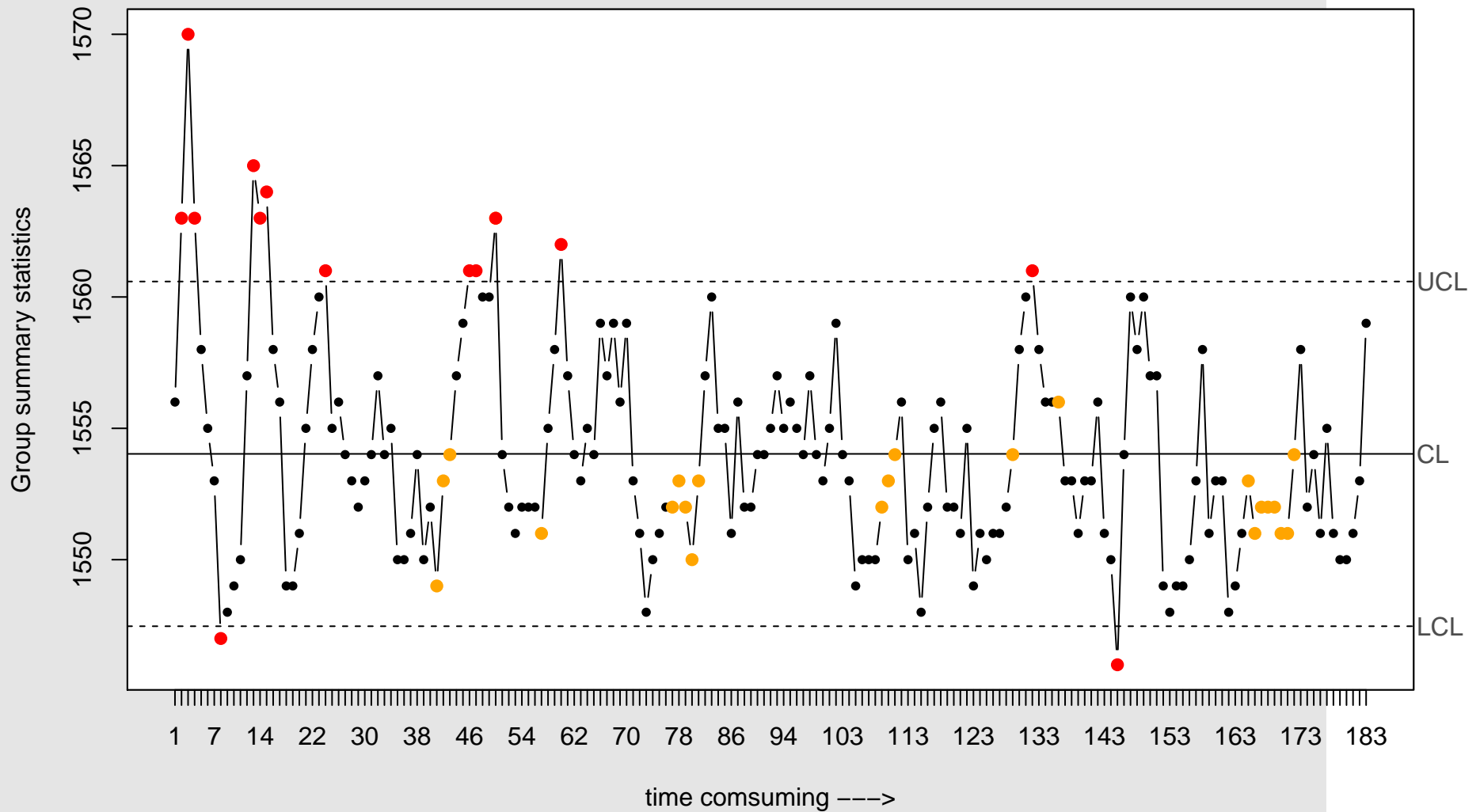
LCL = 1547.447

UCL = 1561.242

Number beyond limits = 11

Number violating runs = 30

# 12th column point of this product



Number of groups = 183

Center = 1554.027

StdDev = 2.187086

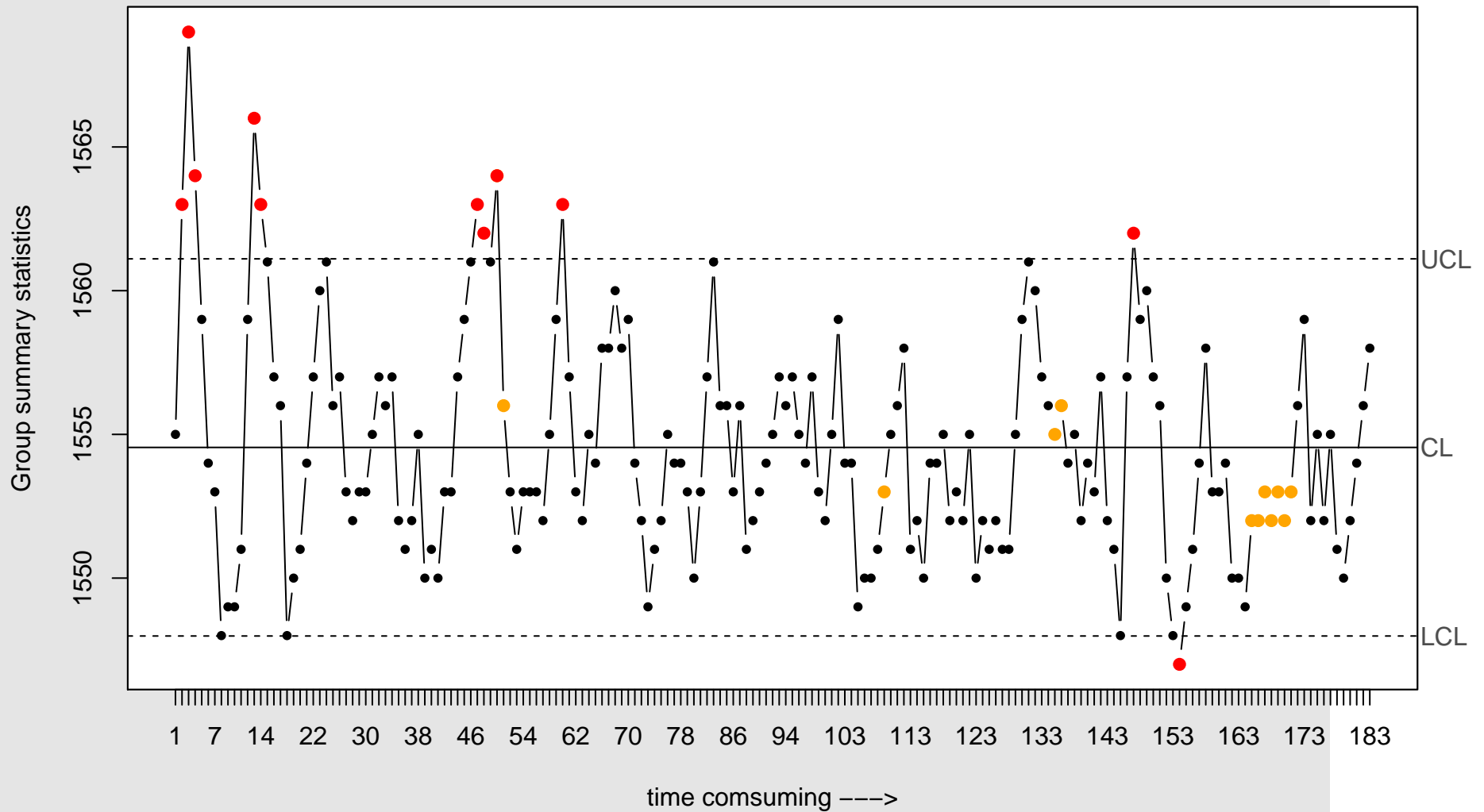
LCL = 1547.466

UCL = 1560.589

Number beyond limits = 14

Number violating runs = 23

# 13th column point of this product



Number of groups = 183

Center = 1554.546

StdDev = 2.187086

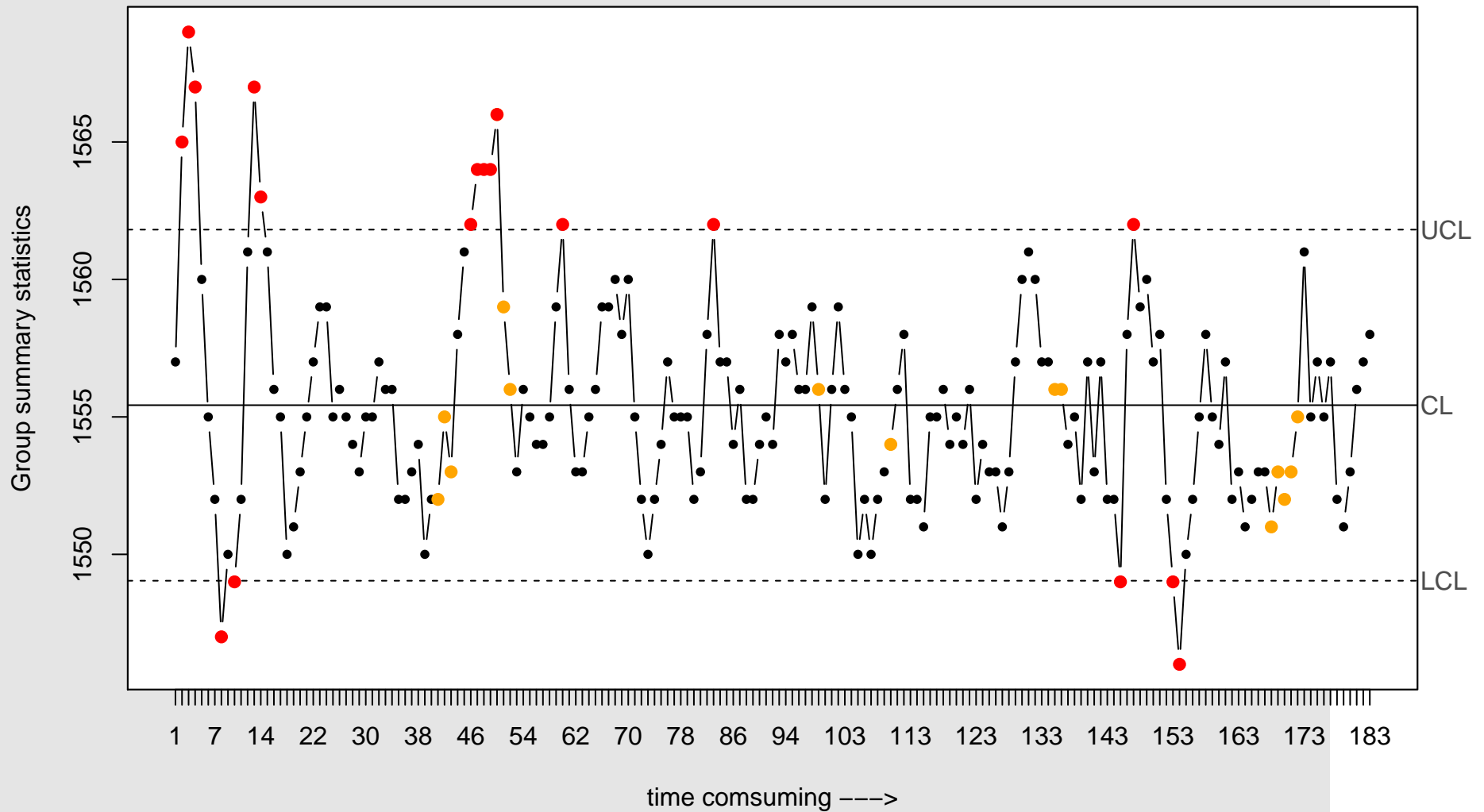
LCL = 1547.985

UCL = 1561.108

Number beyond limits = 11

Number violating runs = 12

# 14th column point of this product



Number of groups = 183

Center = 1555.426

StdDev = 2.128634

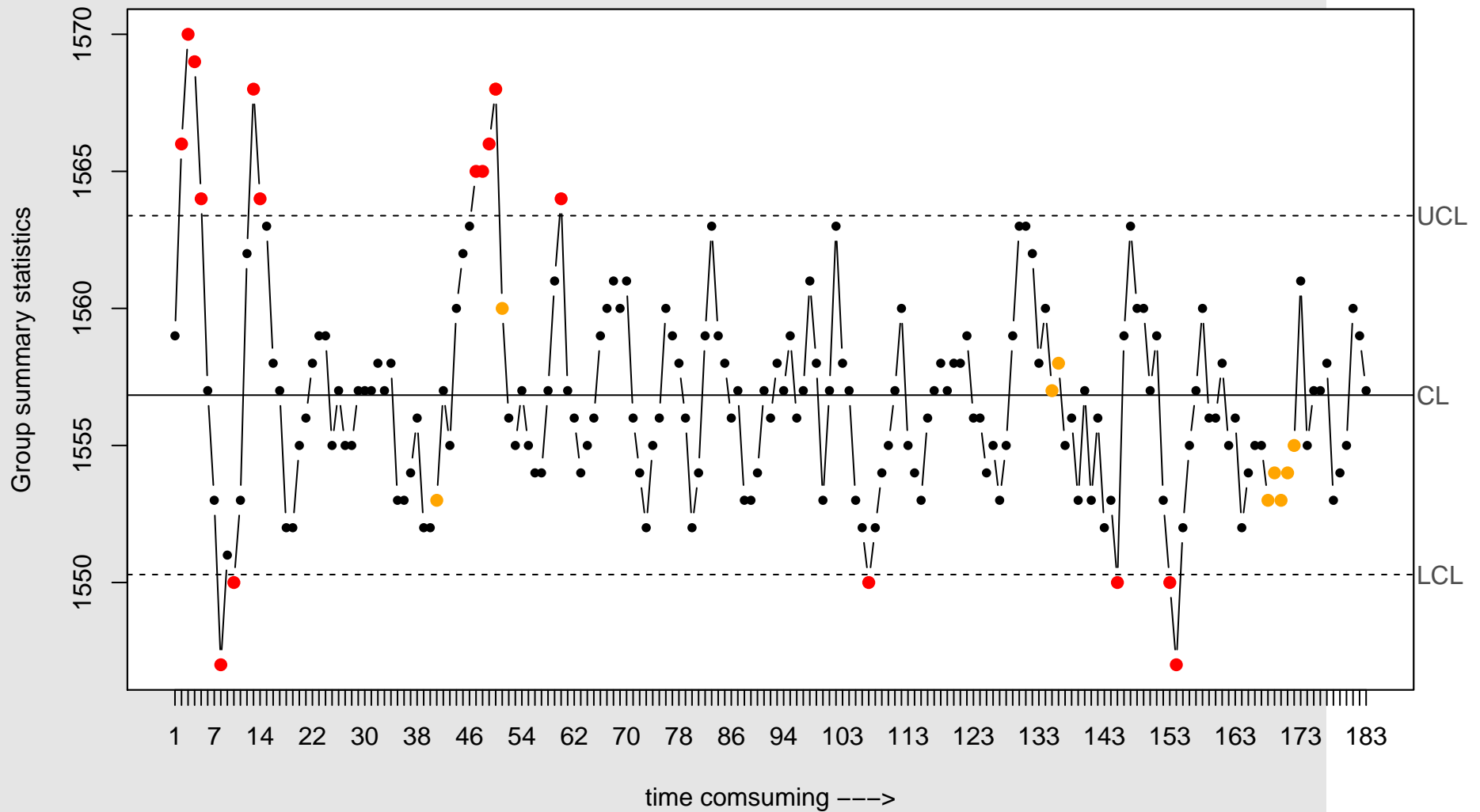
LCL = 1549.04

UCL = 1561.812

Number beyond limits = 18

Number violating runs = 15

# 15th column point of this product



Number of groups = 183

Center = 1556.836

StdDev = 2.182215

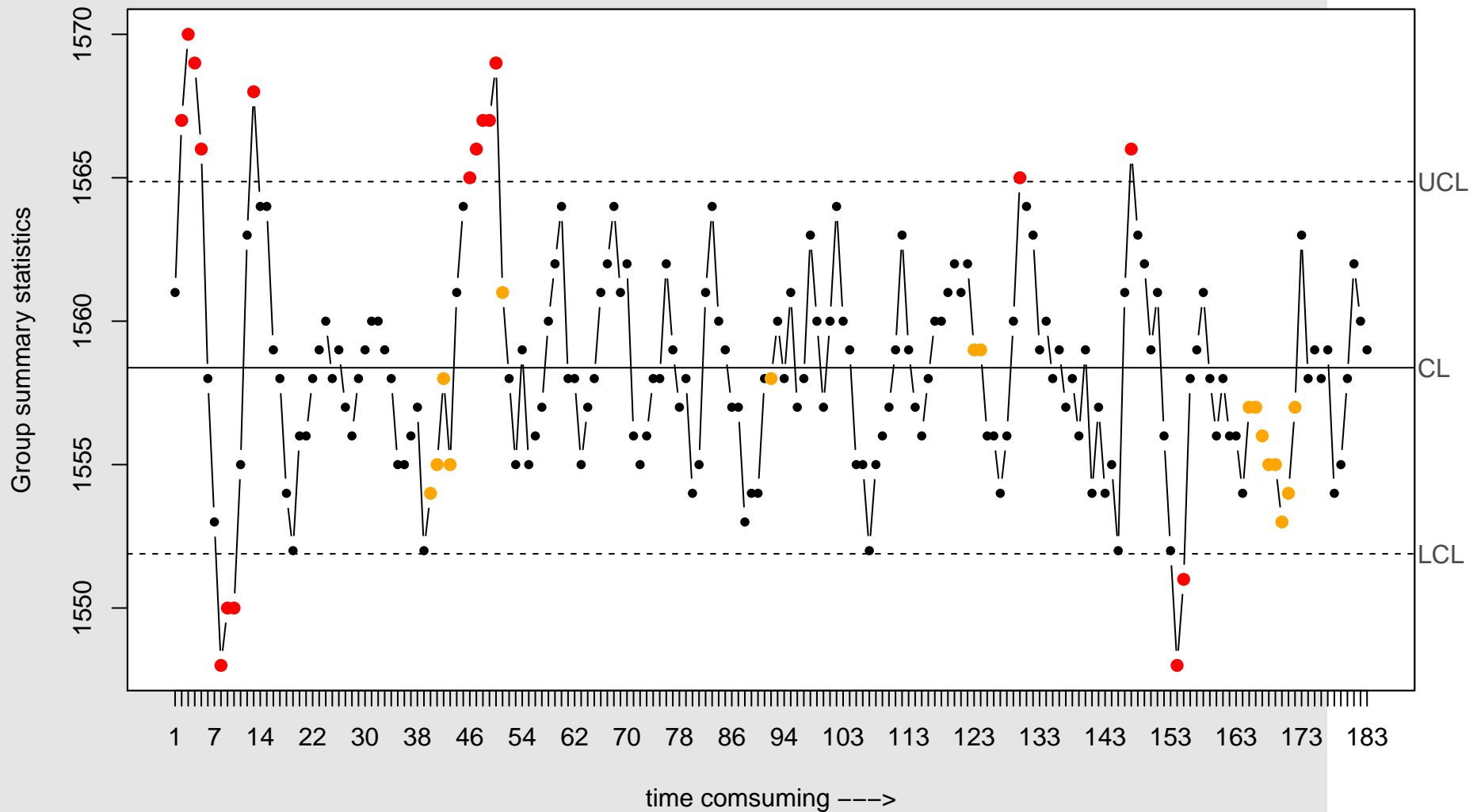
LCL = 1550.289

UCL = 1563.383

Number beyond limits = 17

Number violating runs = 10

# 16th column point of this product

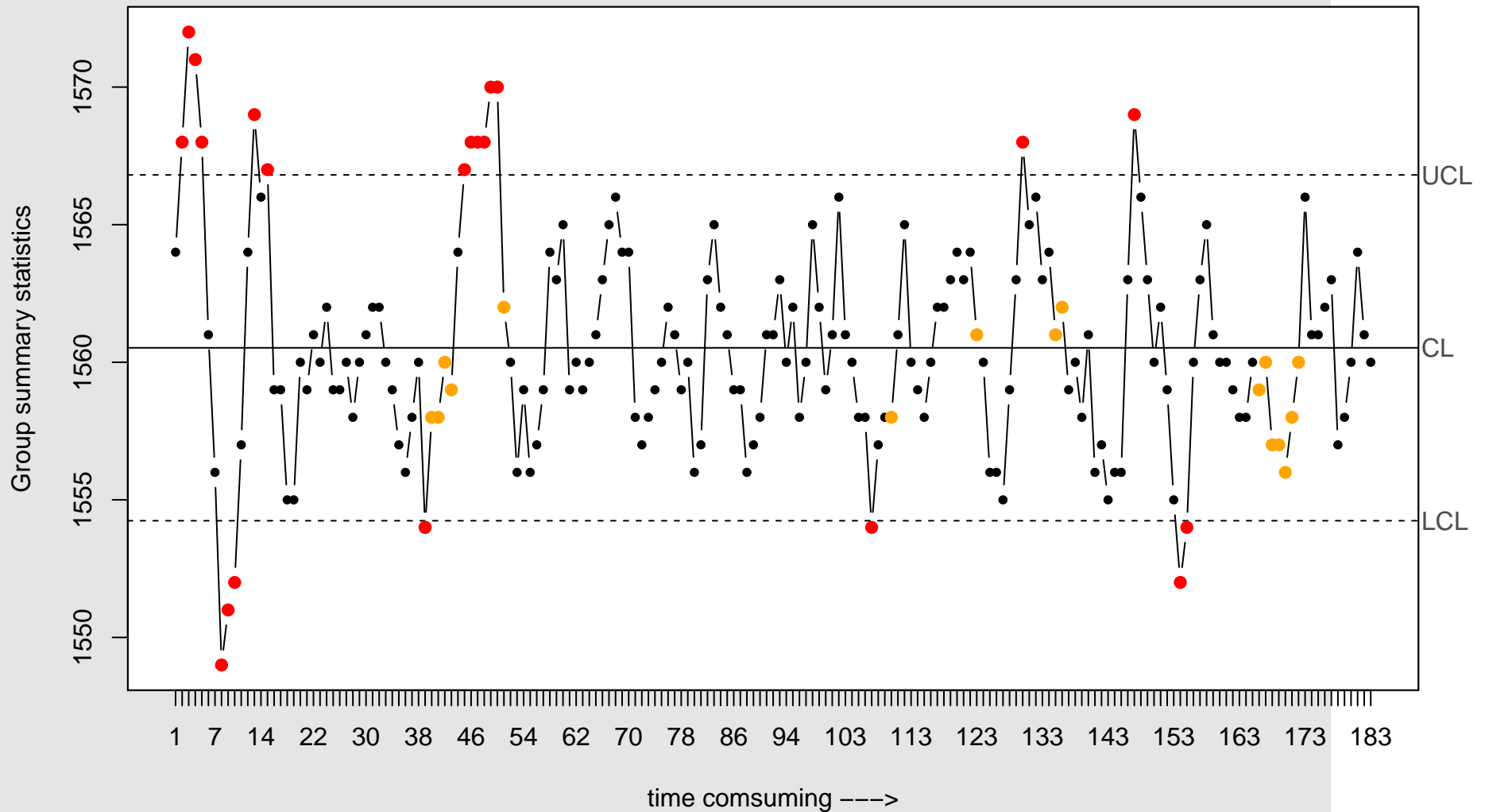


Number of groups = 183  
Center = 1558.377  
StdDev = 2.162731

LCL = 1551.889  
UCL = 1564.865

Number beyond limits = 17  
Number violating runs = 17

# 17th column point of this product



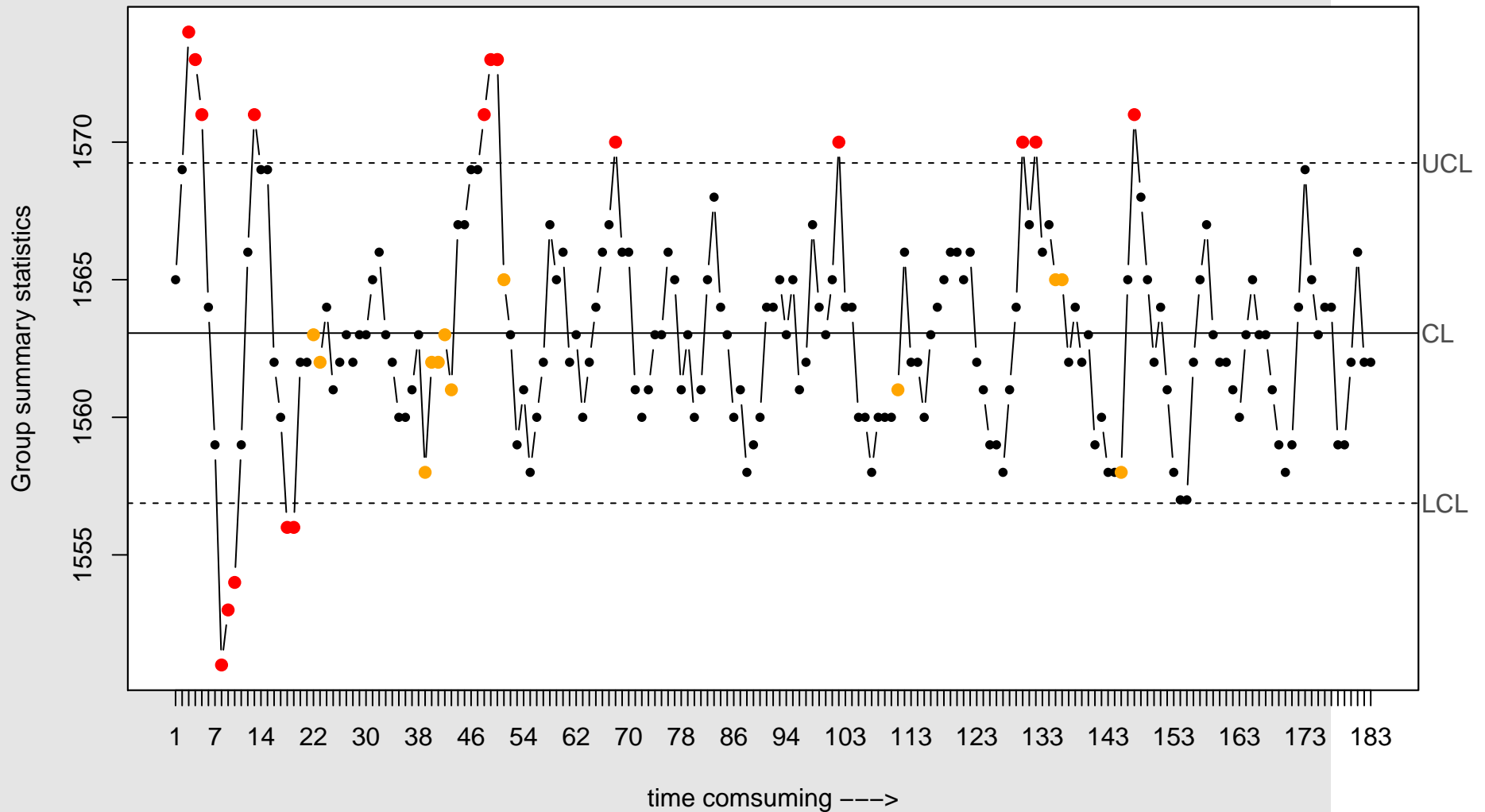
Number of groups = 183  
 Center = 1560.525  
 StdDev = 2.094537

LCL = 1554.241  
 UCL = 1566.808

Number beyond limits = 21  
 Number violating runs = 18



# 18th column point of this product



Number of groups = 183

Center = 1563.06

StdDev = 2.06044

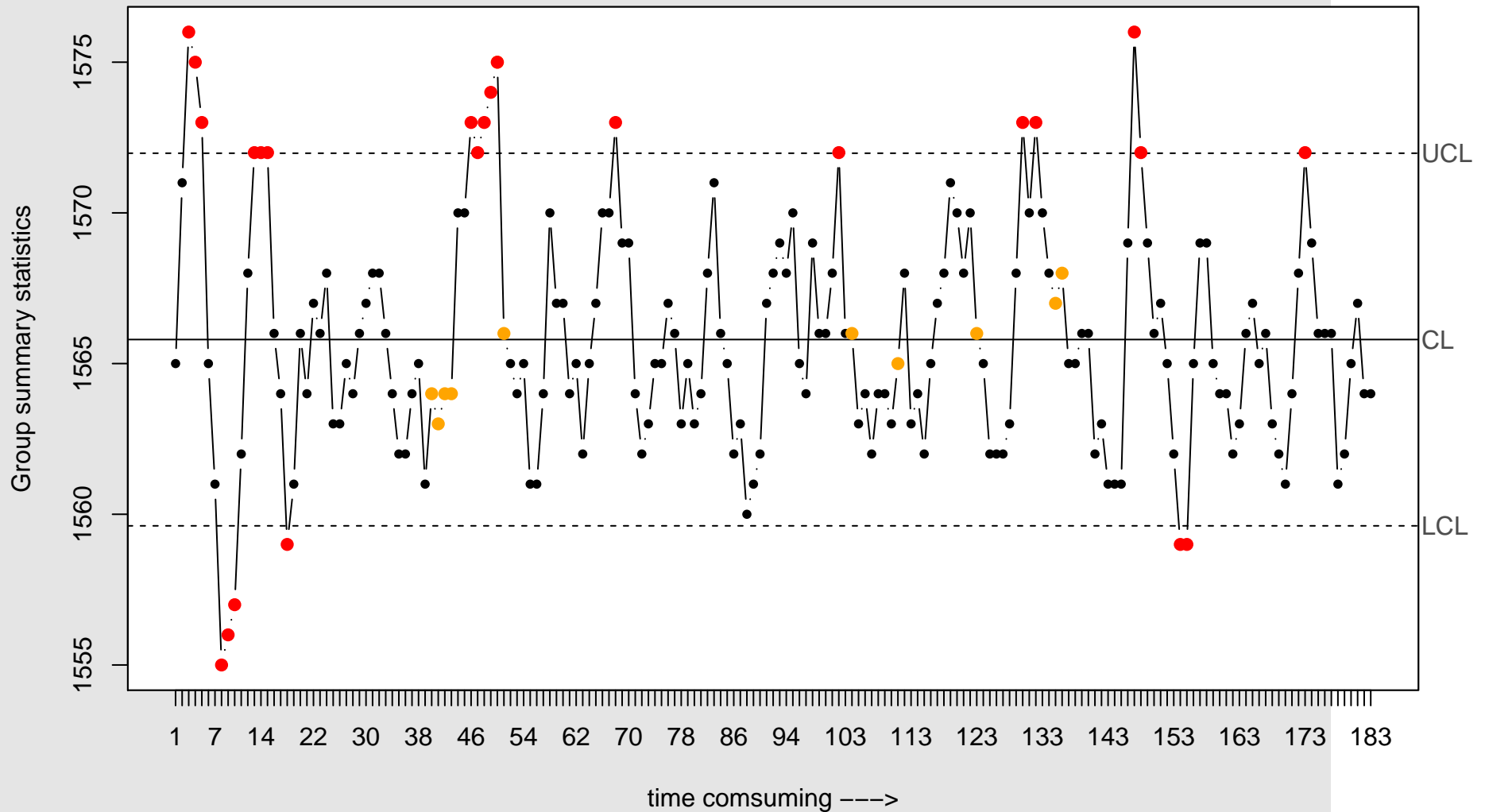
LCL = 1556.879

UCL = 1569.241

Number beyond limits = 17

Number violating runs = 13

# 19th column point of this product

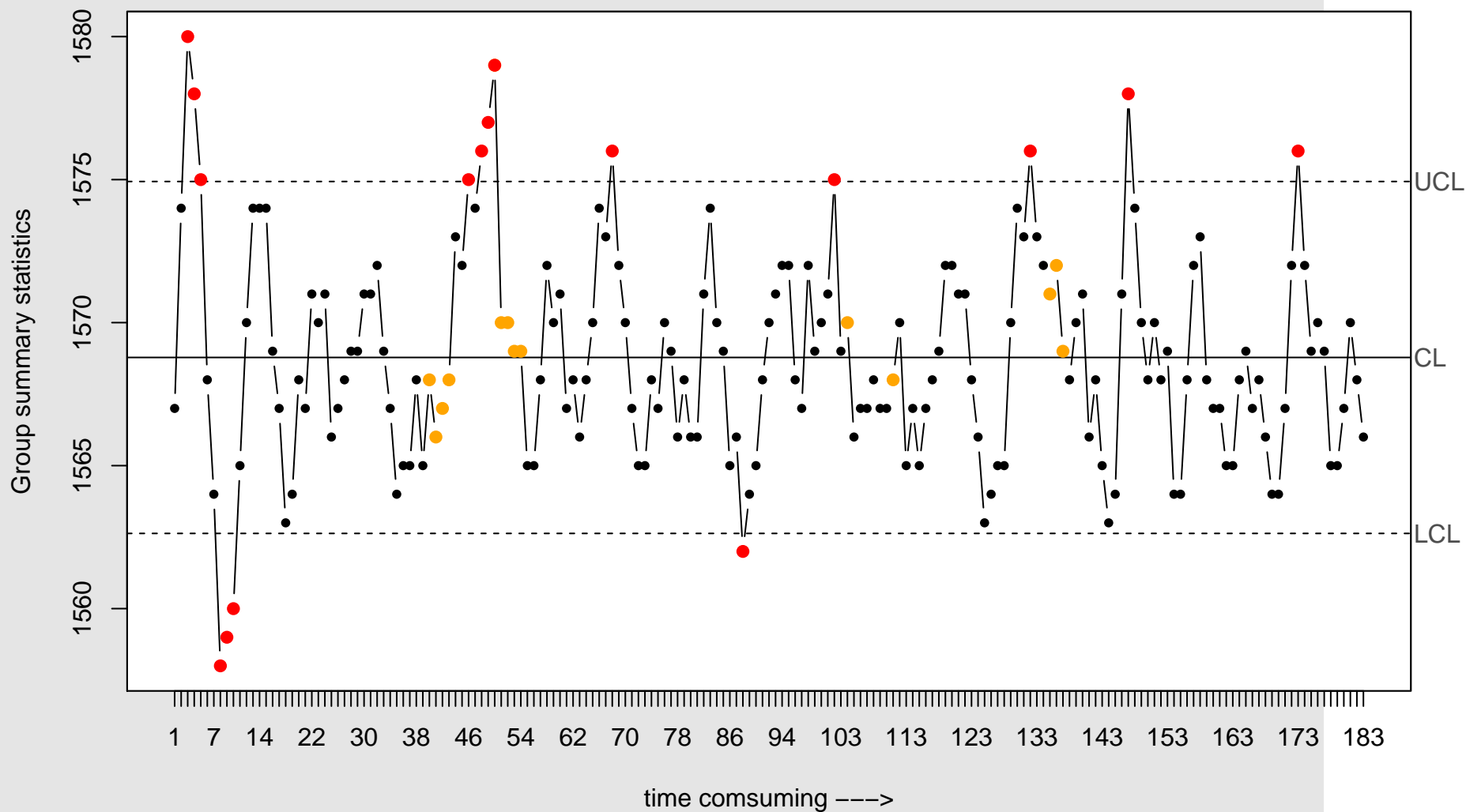


Number of groups = 183  
Center = 1565.798  
StdDev = 2.06044

LCL = 1559.616  
UCL = 1571.979

Number beyond limits = 24  
Number violating runs = 11

## 20th column point of this product

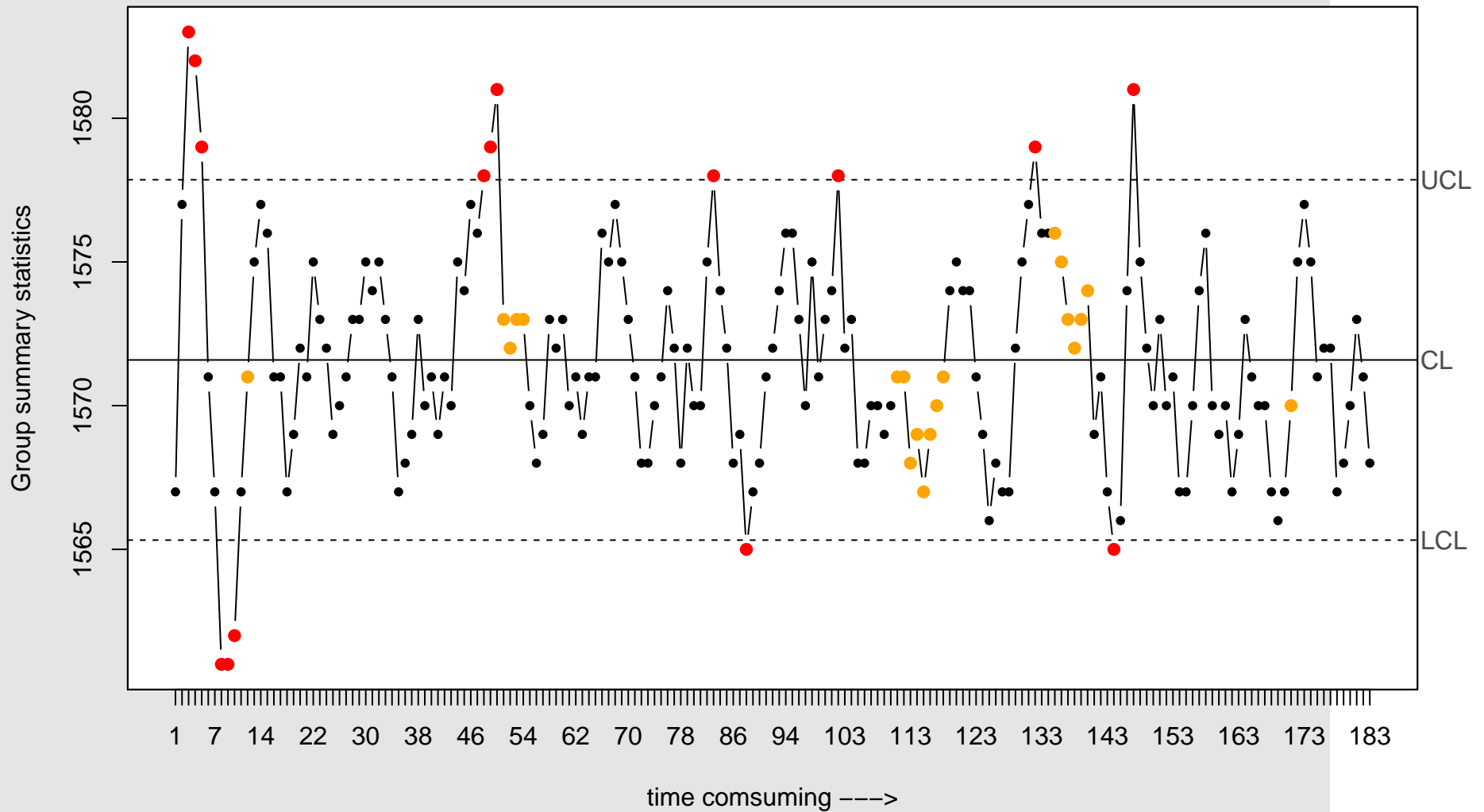


Number of groups = 183  
 Center = 1568.781  
 StdDev = 2.050698

LCL = 1562.629  
 UCL = 1574.934

Number beyond limits = 16  
 Number violating runs = 14

## 21th column point of this product



Number of groups = 183

Center = 1571.59

StdDev = 2.089666

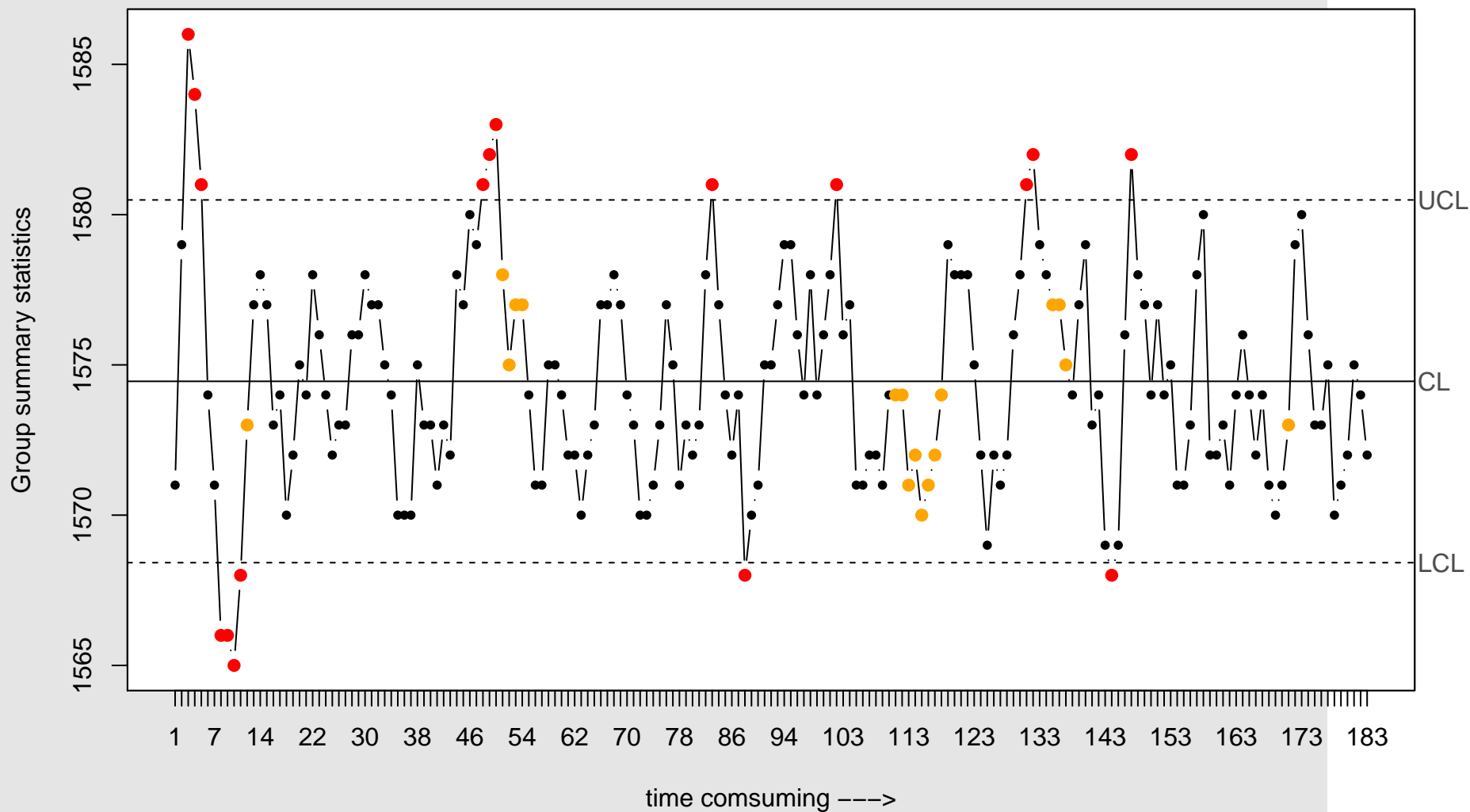
LCL = 1565.321

UCL = 1577.859

Number beyond limits = 15

Number violating runs = 21

## 22th column point of this product



Number of groups = 183

Center = 1574.454

StdDev = 2.011729

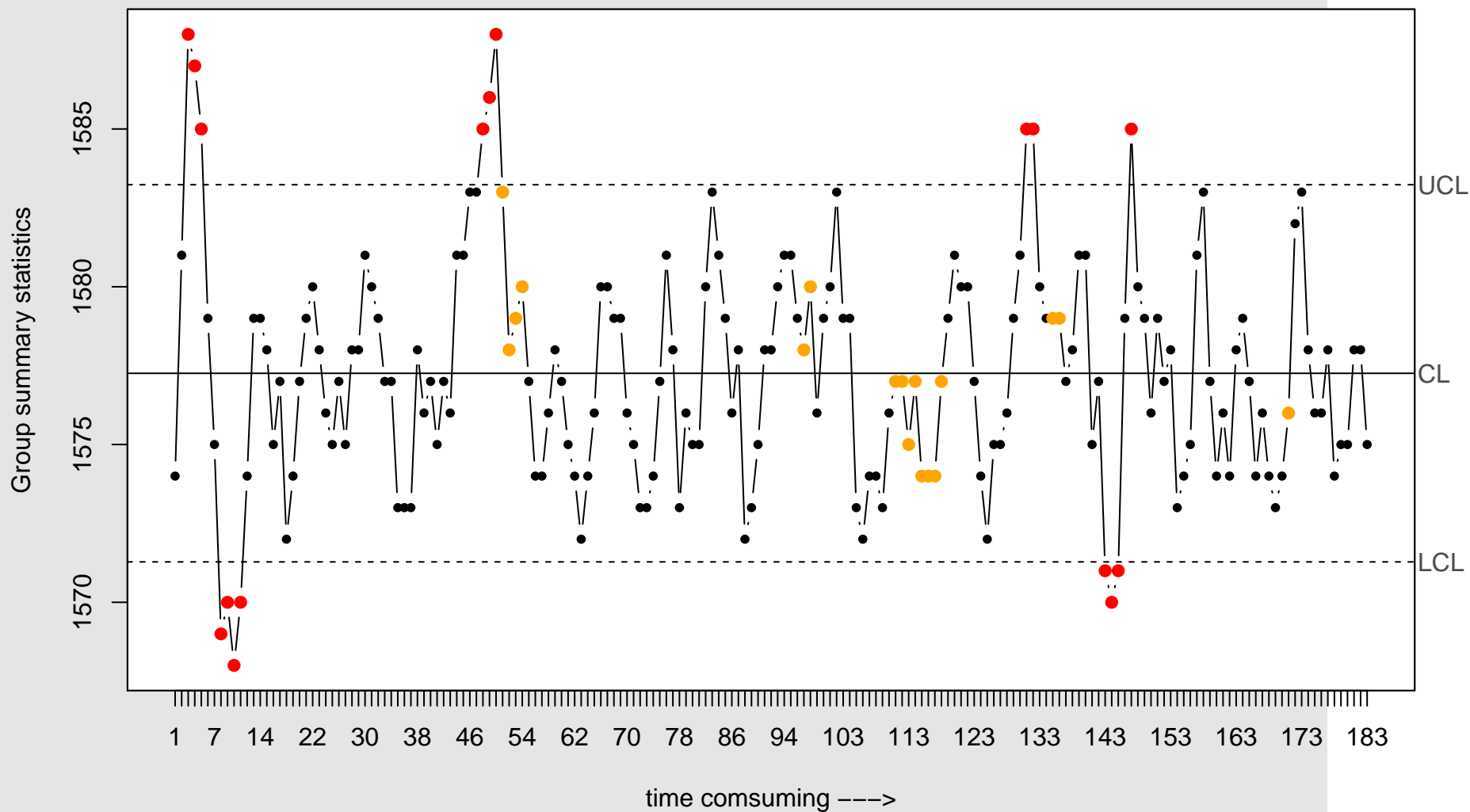
LCL = 1568.418

UCL = 1580.489

Number beyond limits = 17

Number violating runs = 18

### 23th column point of this product



Number of groups = 183

Center = 1577.257

StdDev = 1.992245

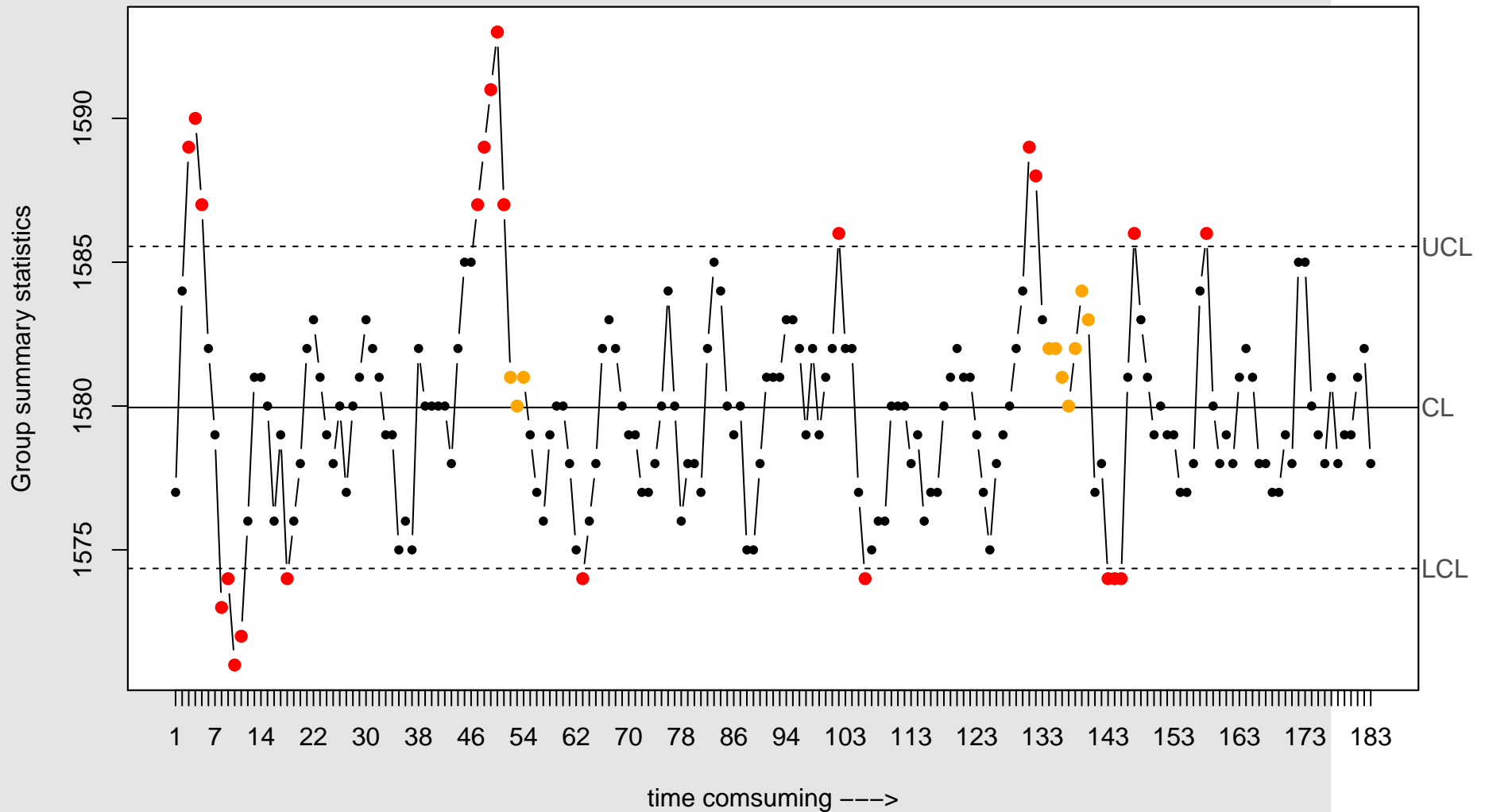
LCL = 1571.28

UCL = 1583.234

Number beyond limits = 16

Number violating runs = 18

## 24th column point of this product



Number of groups = 183

Center = 1579.951

StdDev = 1.865599

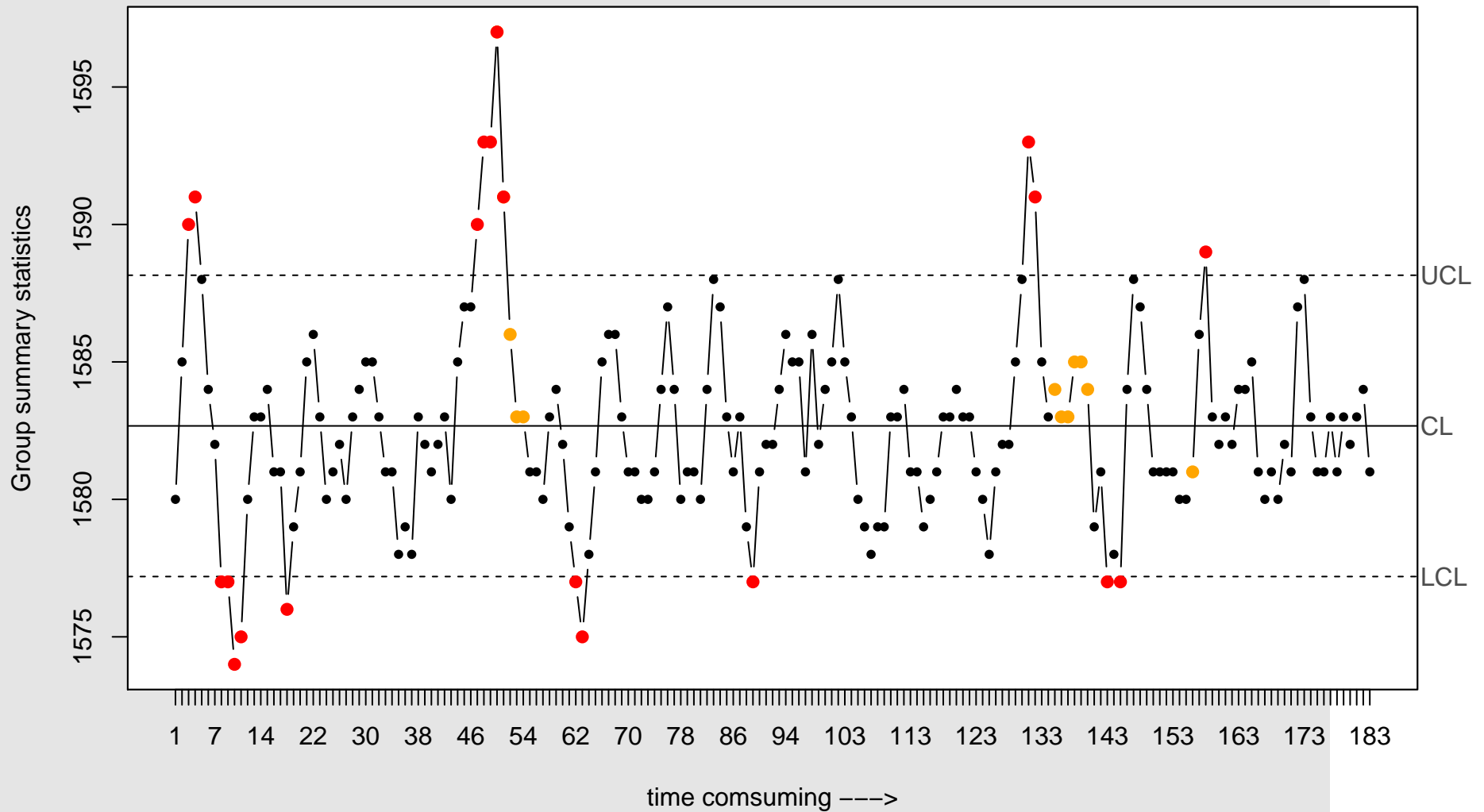
LCL = 1574.354

UCL = 1585.548

Number beyond limits = 23

Number violating runs = 12

## 25th column point of this product



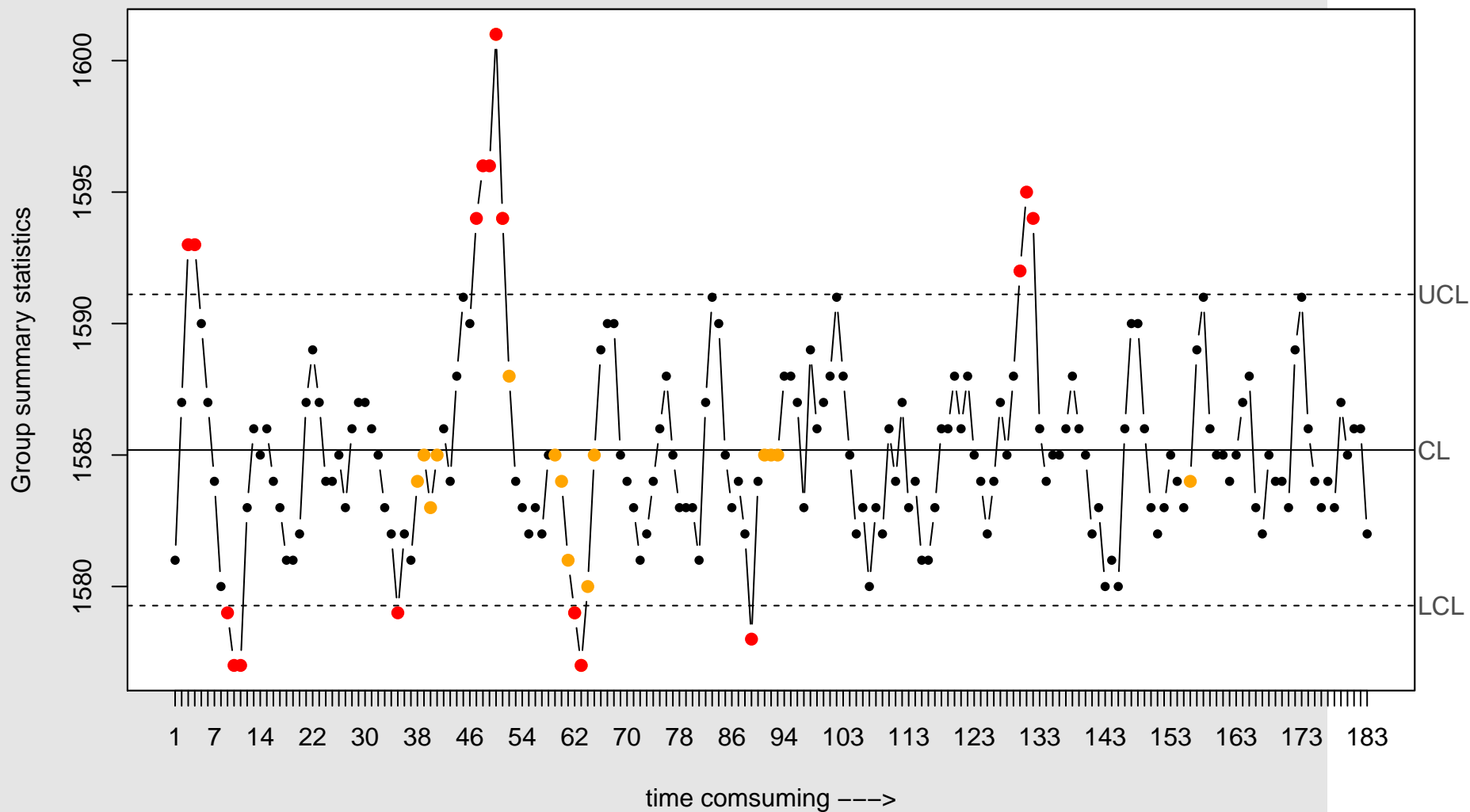
Number of groups = 183  
 Center = 1582.672  
 StdDev = 1.826631

LCL = 1577.192  
 UCL = 1588.152

Number beyond limits = 20  
 Number violating runs = 12



## 26th column point of this product



Number of groups = 183

Center = 1585.191

StdDev = 1.972761

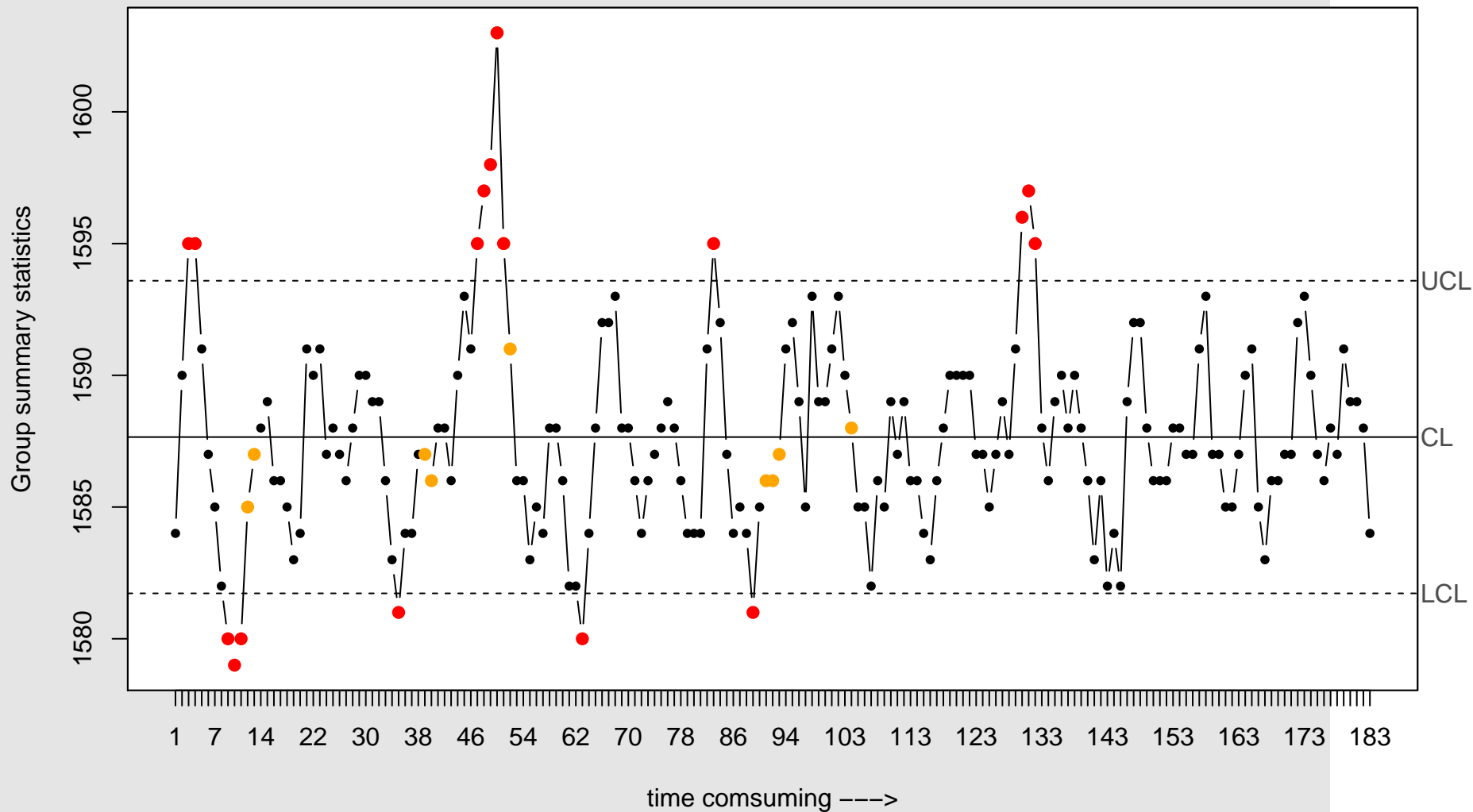
LCL = 1579.273

UCL = 1591.11

Number beyond limits = 17

Number violating runs = 18

## 27th column point of this product



Number of groups = 183

Center = 1587.656

StdDev = 1.977632

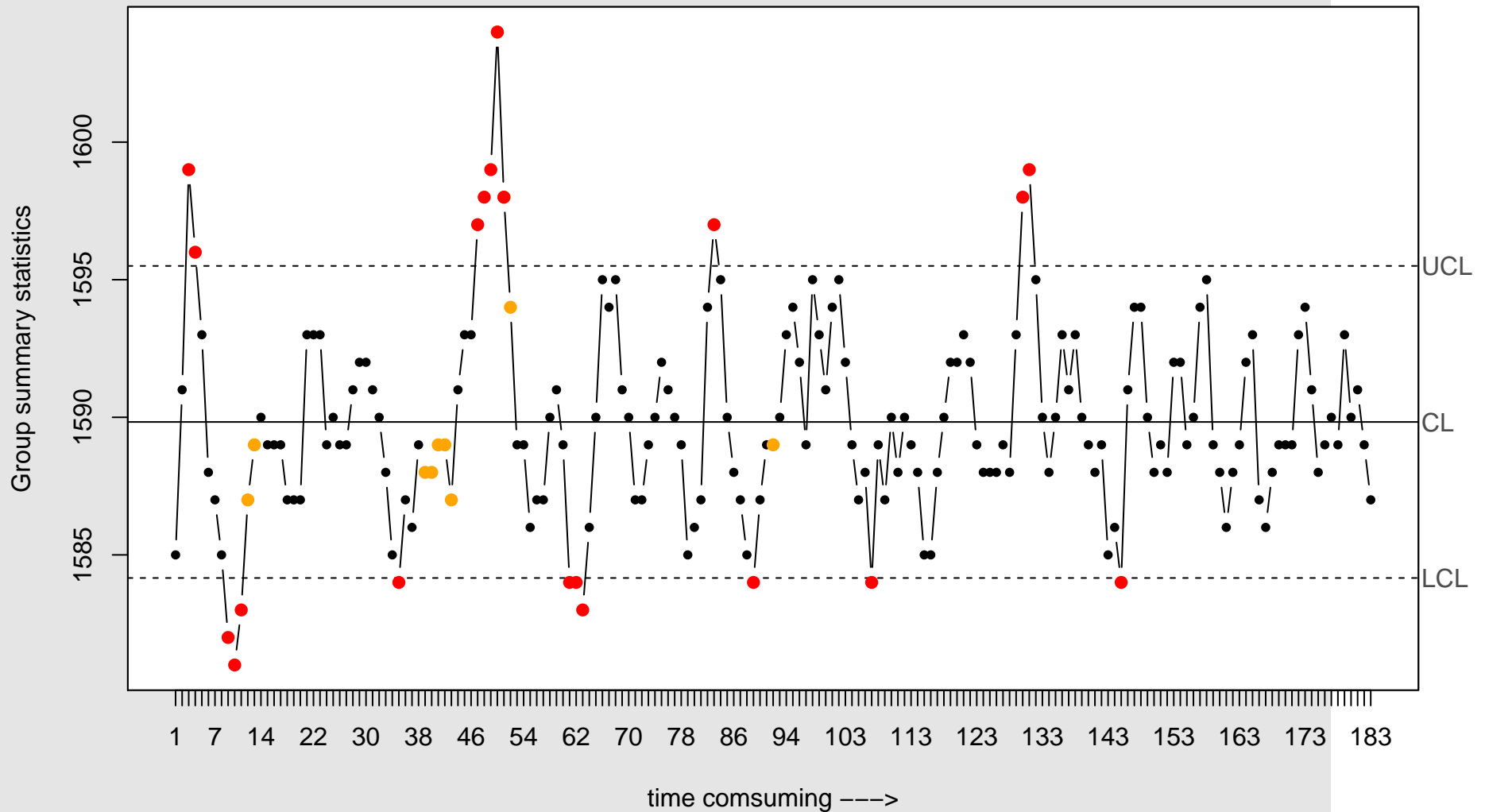
LCL = 1581.723

UCL = 1593.589

Number beyond limits = 17

Number violating runs = 11

## 28th column point of this product



Number of groups = 183

Center = 1589.831

StdDev = 1.889954

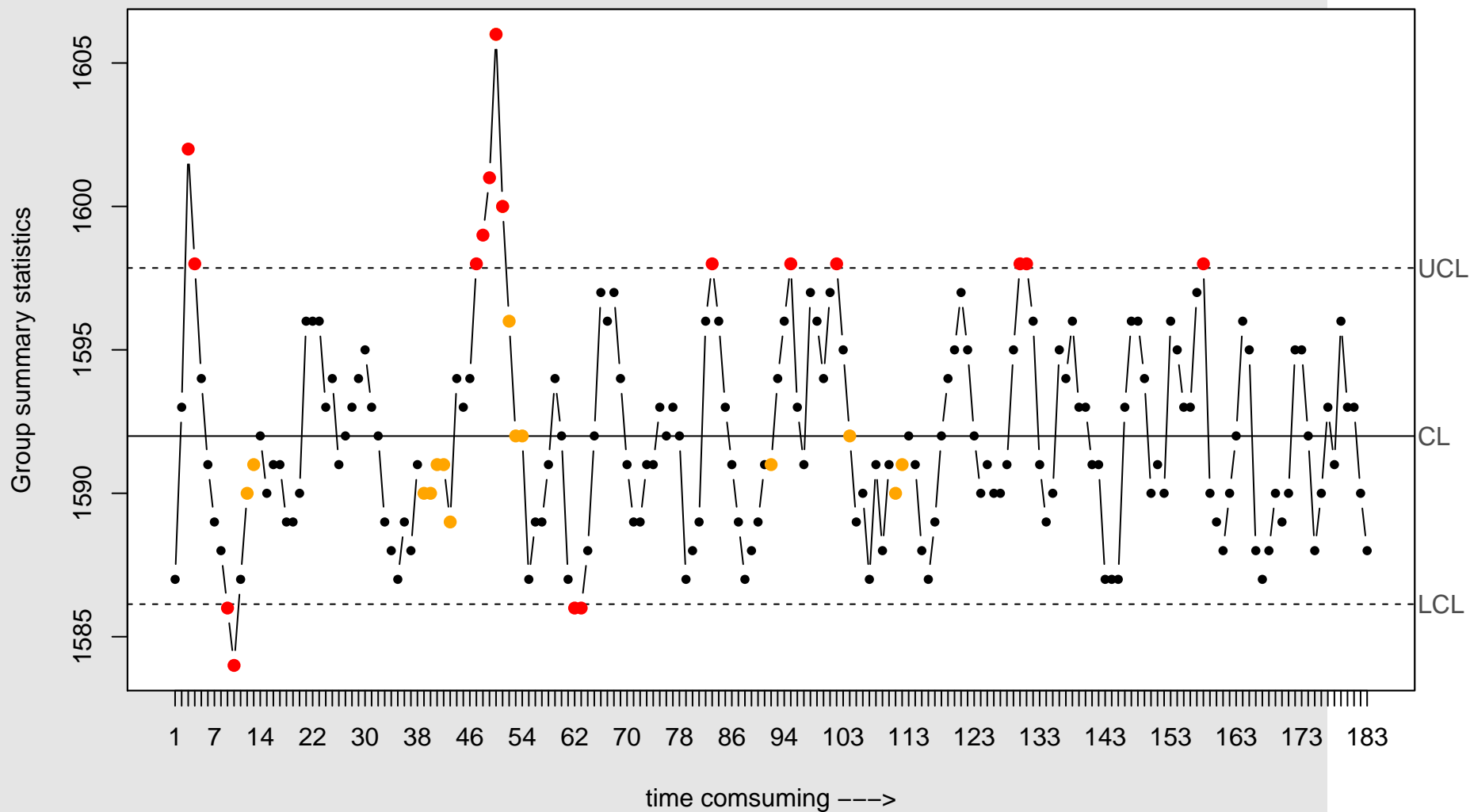
LCL = 1584.161

UCL = 1595.5

Number beyond limits = 20

Number violating runs = 11

## 29th column point of this product



Number of groups = 183

Center = 1591.995

StdDev = 1.953277

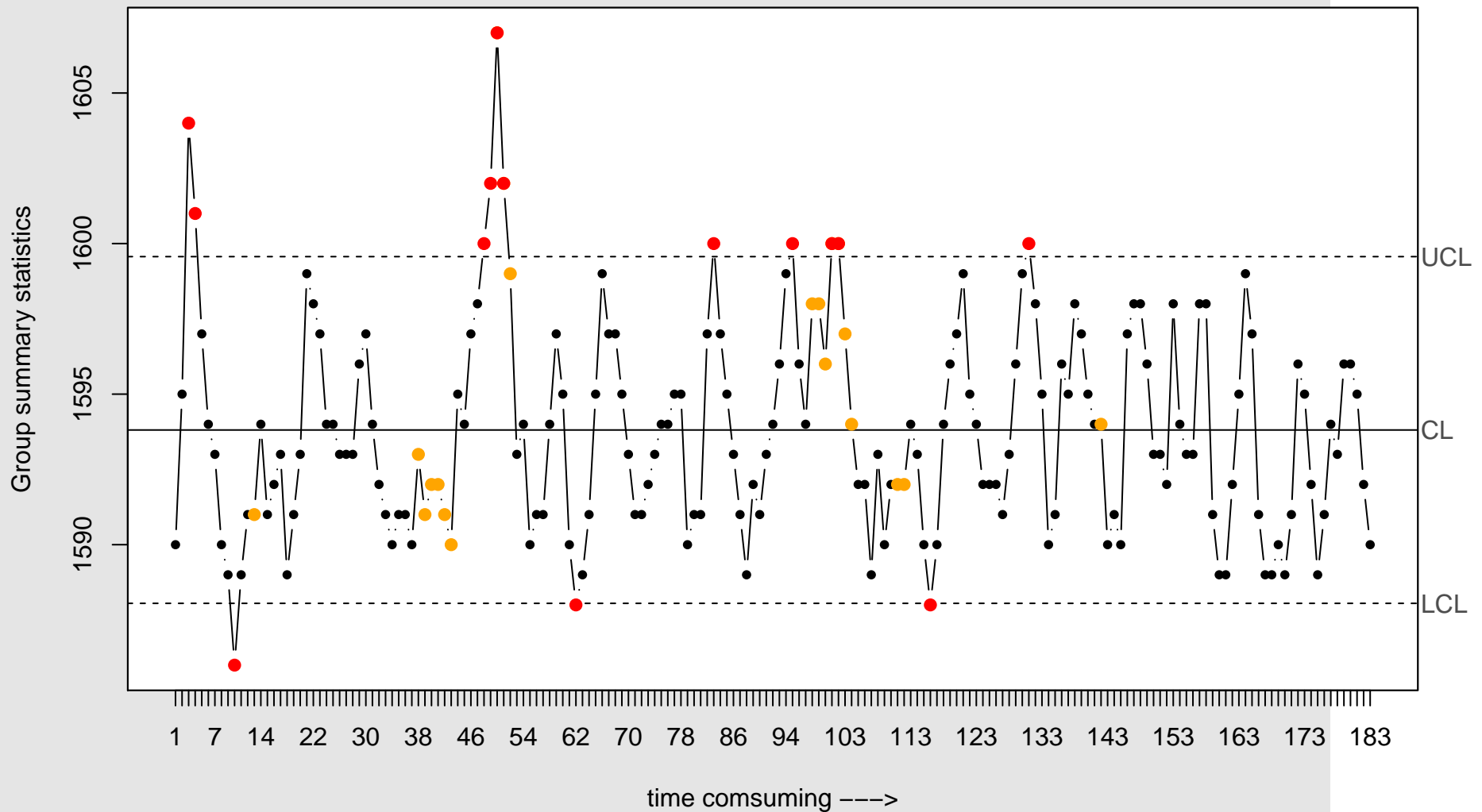
LCL = 1586.135

UCL = 1597.854

Number beyond limits = 17

Number violating runs = 16

### 30th column point of this product



Number of groups = 183

Center = 1593.809

StdDev = 1.91918

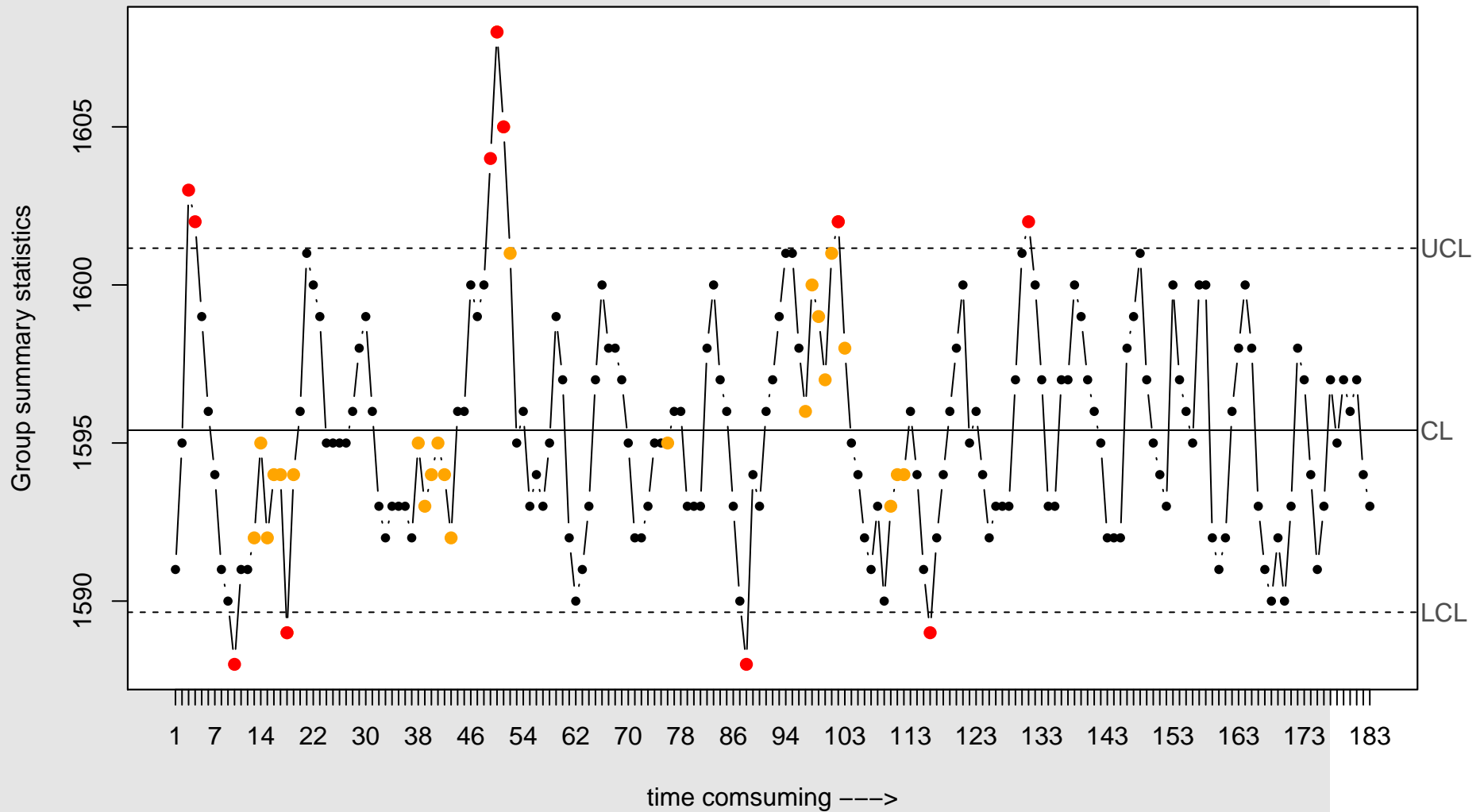
LCL = 1588.051

UCL = 1599.566

Number beyond limits = 14

Number violating runs = 20

### 31th column point of this product



Number of groups = 183

Center = 1595.404

StdDev = 1.91918

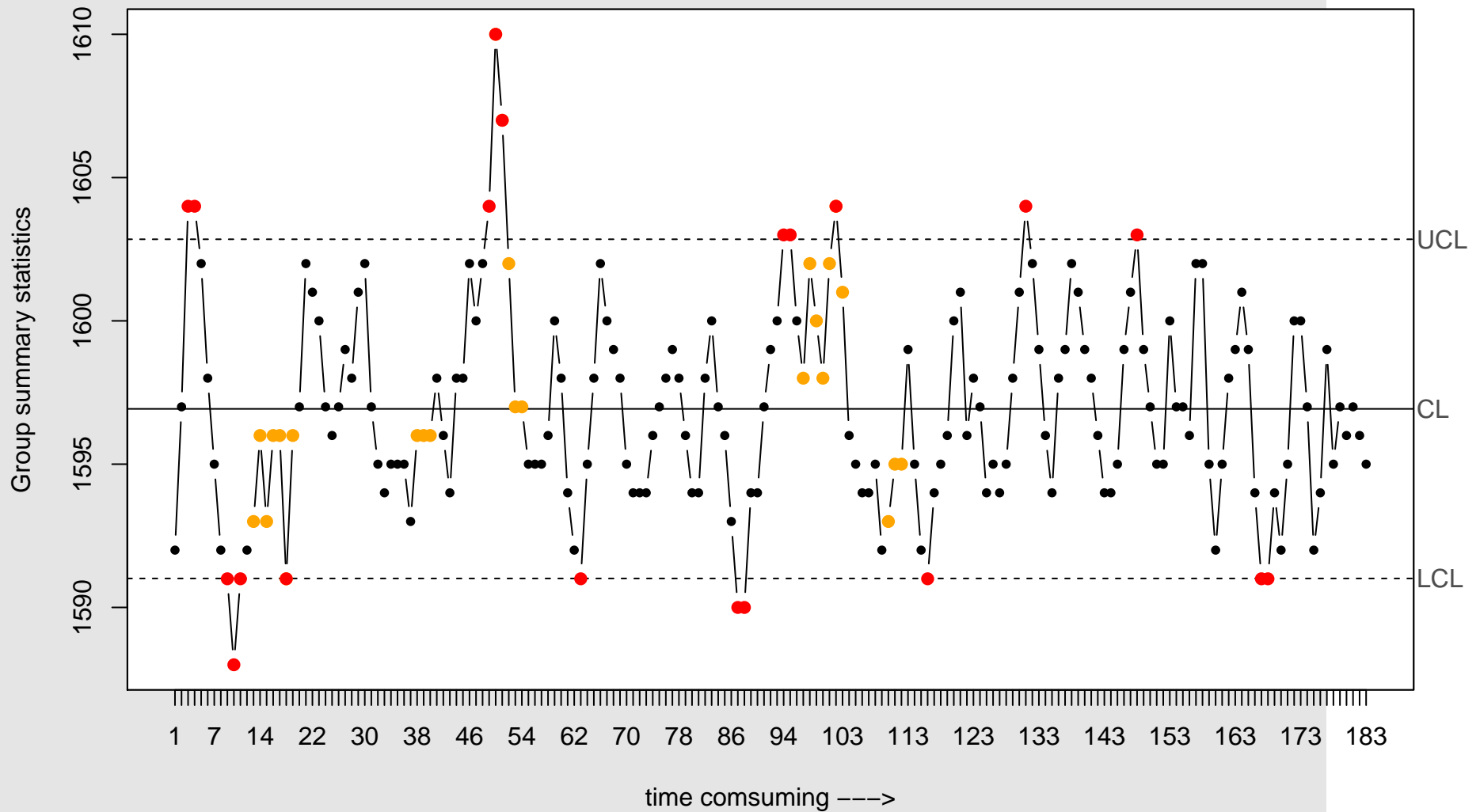
LCL = 1589.647

UCL = 1601.162

Number beyond limits = 11

Number violating runs = 27

### 32th column point of this product

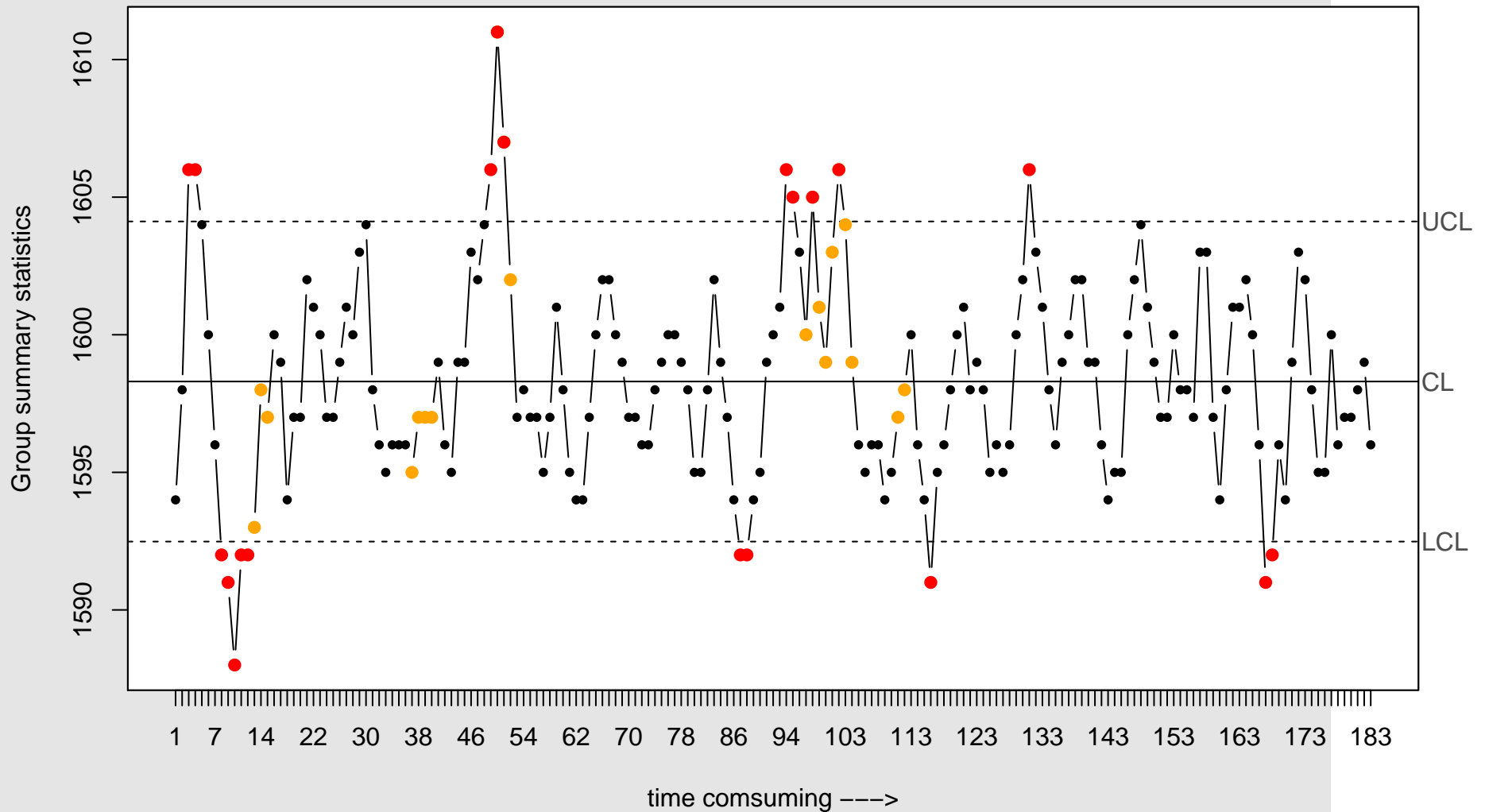


Number of groups = 183  
Center = 1596.929  
StdDev = 1.972761

LCL = 1591.011  
UCL = 1602.847

Number beyond limits = 20  
Number violating runs = 25

### 33th column point of this product



Number of groups = 183

Center = 1598.301

StdDev = 1.938664

LCL = 1592.485

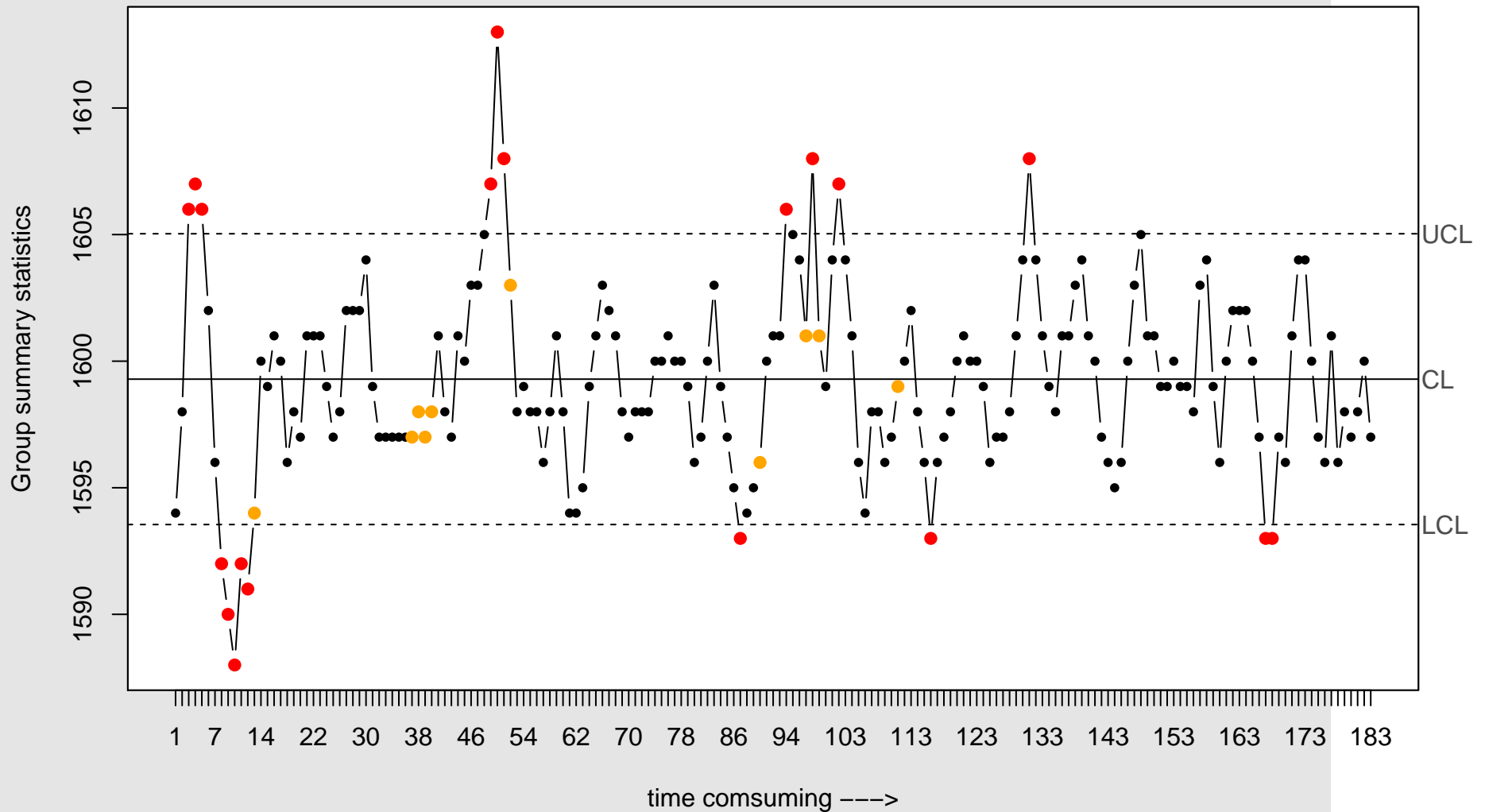
UCL = 1604.117

Number beyond limits = 20

Number violating runs = 20



### 34th column point of this product



Number of groups = 183

Center = 1599.29

StdDev = 1.914309

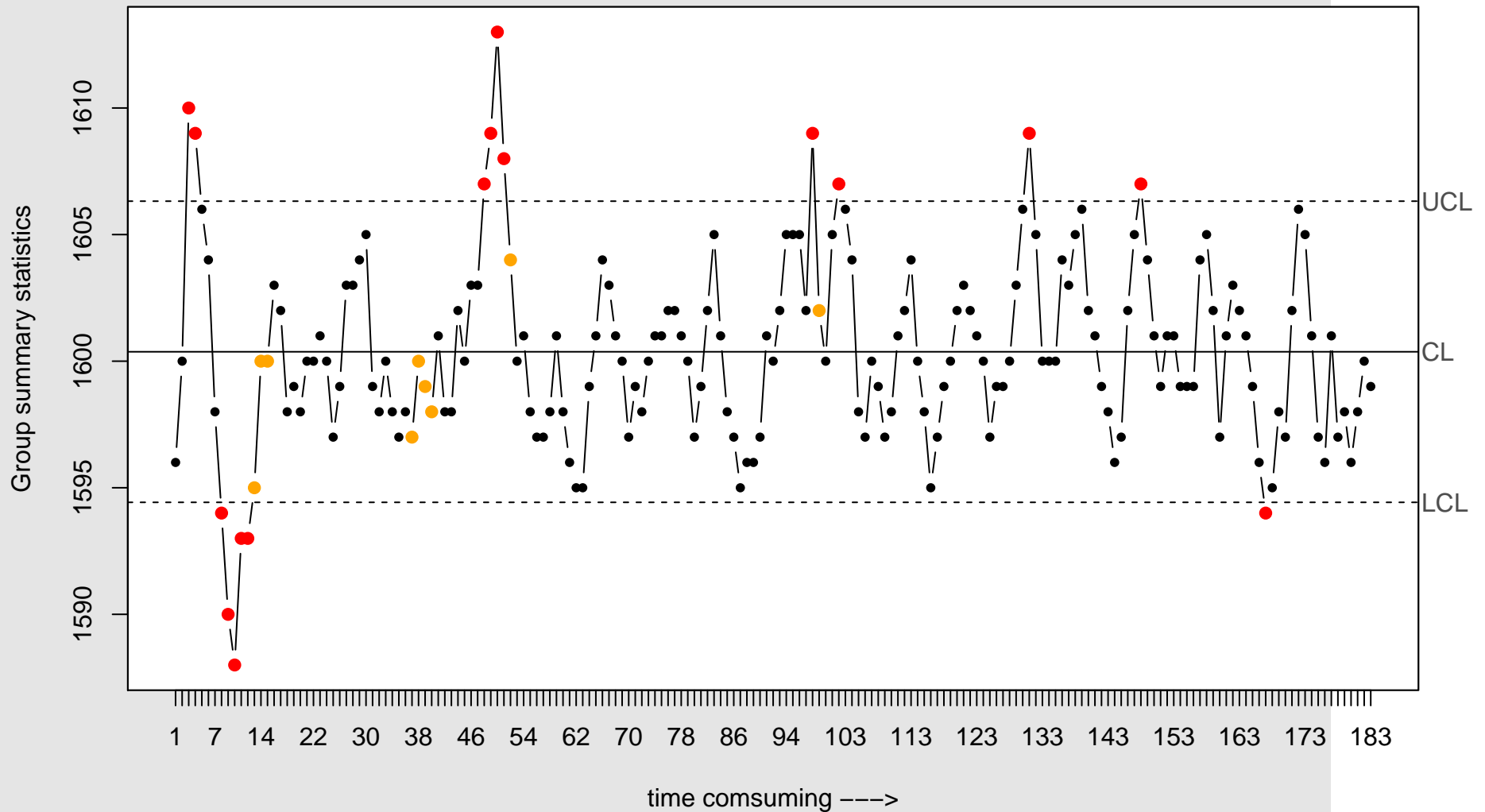
LCL = 1593.547

UCL = 1605.033

Number beyond limits = 19

Number violating runs = 13

### 35th column point of this product

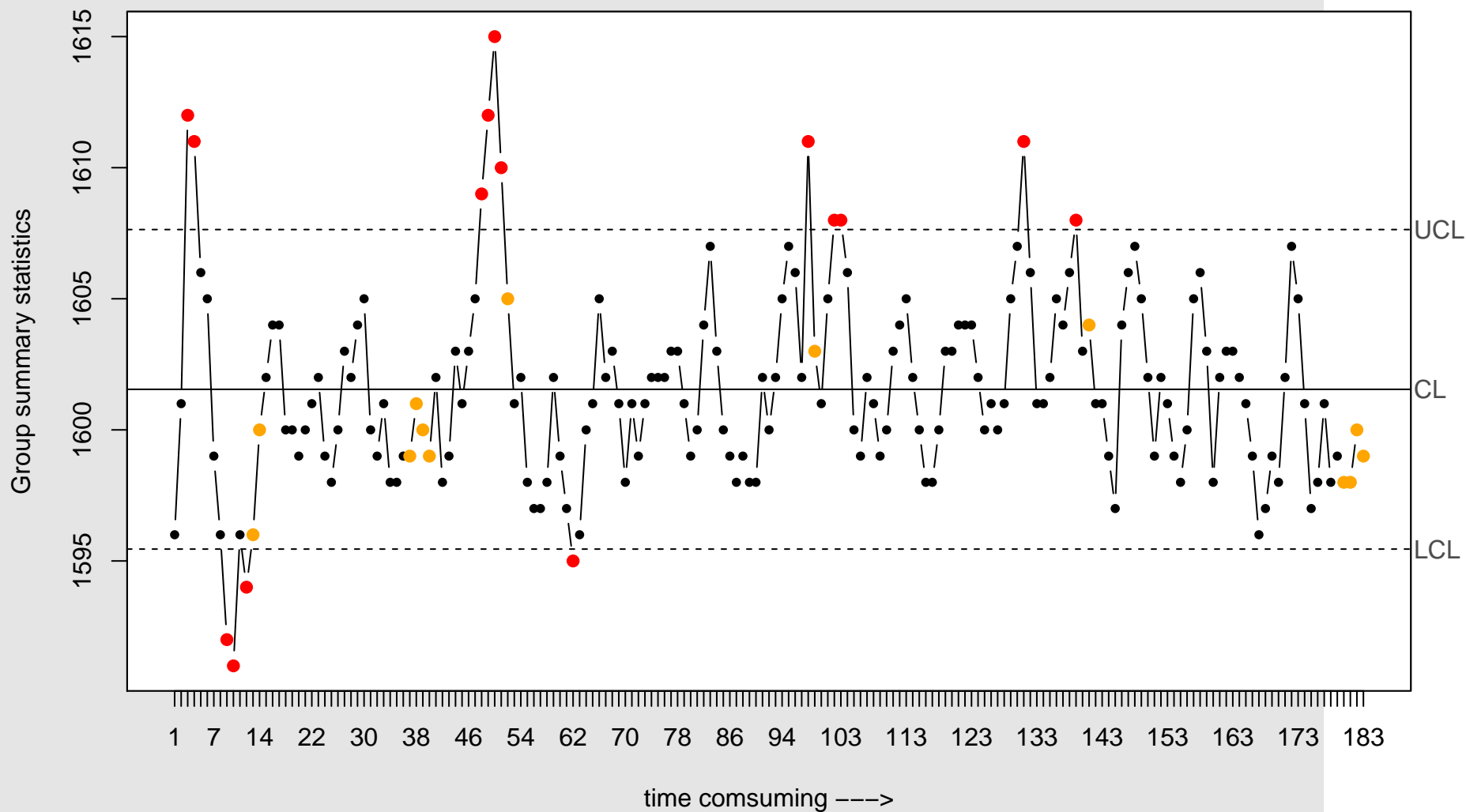


Number of groups = 183  
 Center = 1600.372  
 StdDev = 1.982503

LCL = 1594.424  
 UCL = 1606.319

Number beyond limits = 16  
 Number violating runs = 9

### 36th column point of this product



Number of groups = 183

Center = 1601.546

StdDev = 2.031213

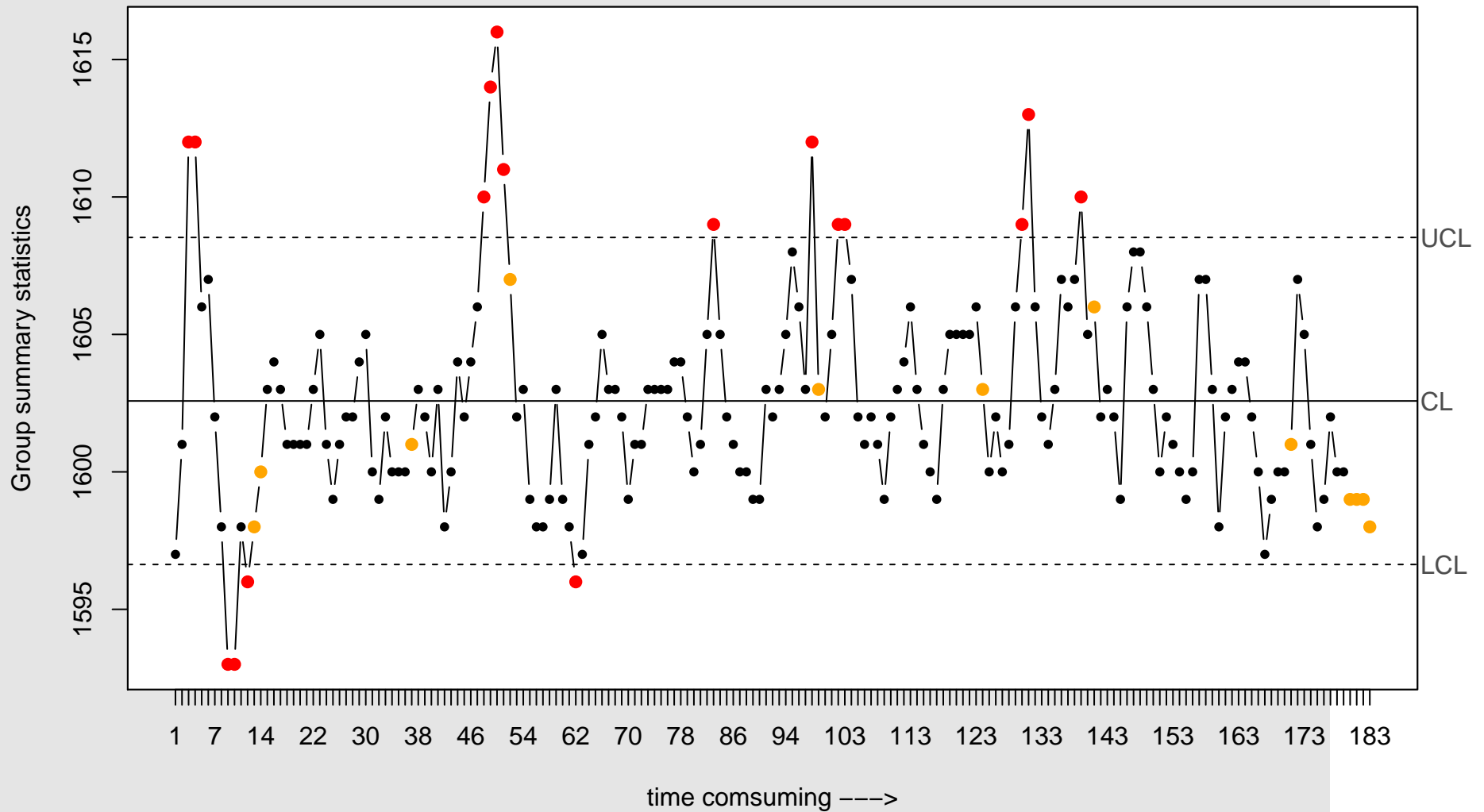
LCL = 1595.453

UCL = 1607.64

Number beyond limits = 15

Number violating runs = 13

### 37th column point of this product



Number of groups = 183

Center = 1602.579

StdDev = 1.982503

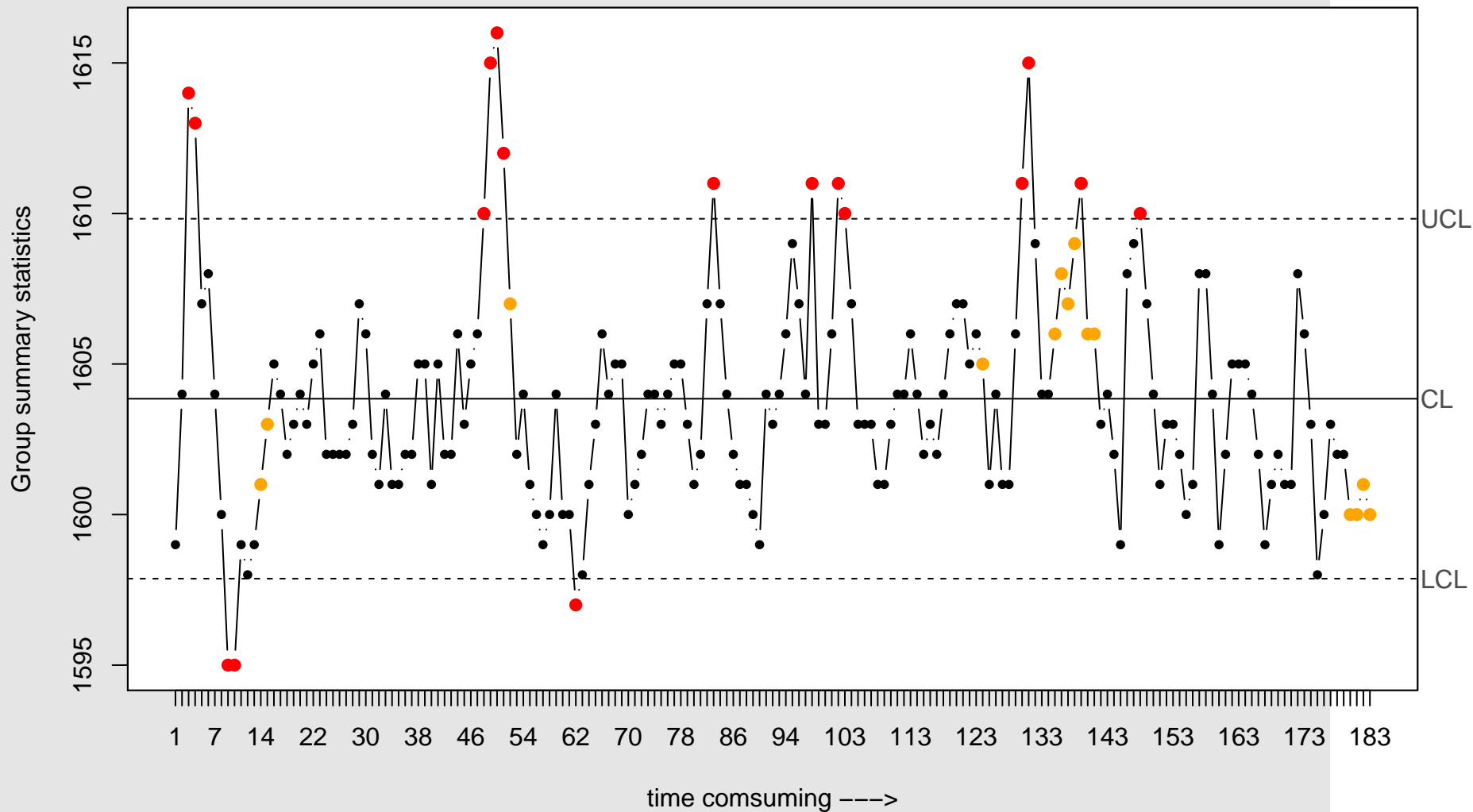
LCL = 1596.632

UCL = 1608.527

Number beyond limits = 17

Number violating runs = 12

### 38th column point of this product



Number of groups = 183

Center = 1603.847

StdDev = 1.992245

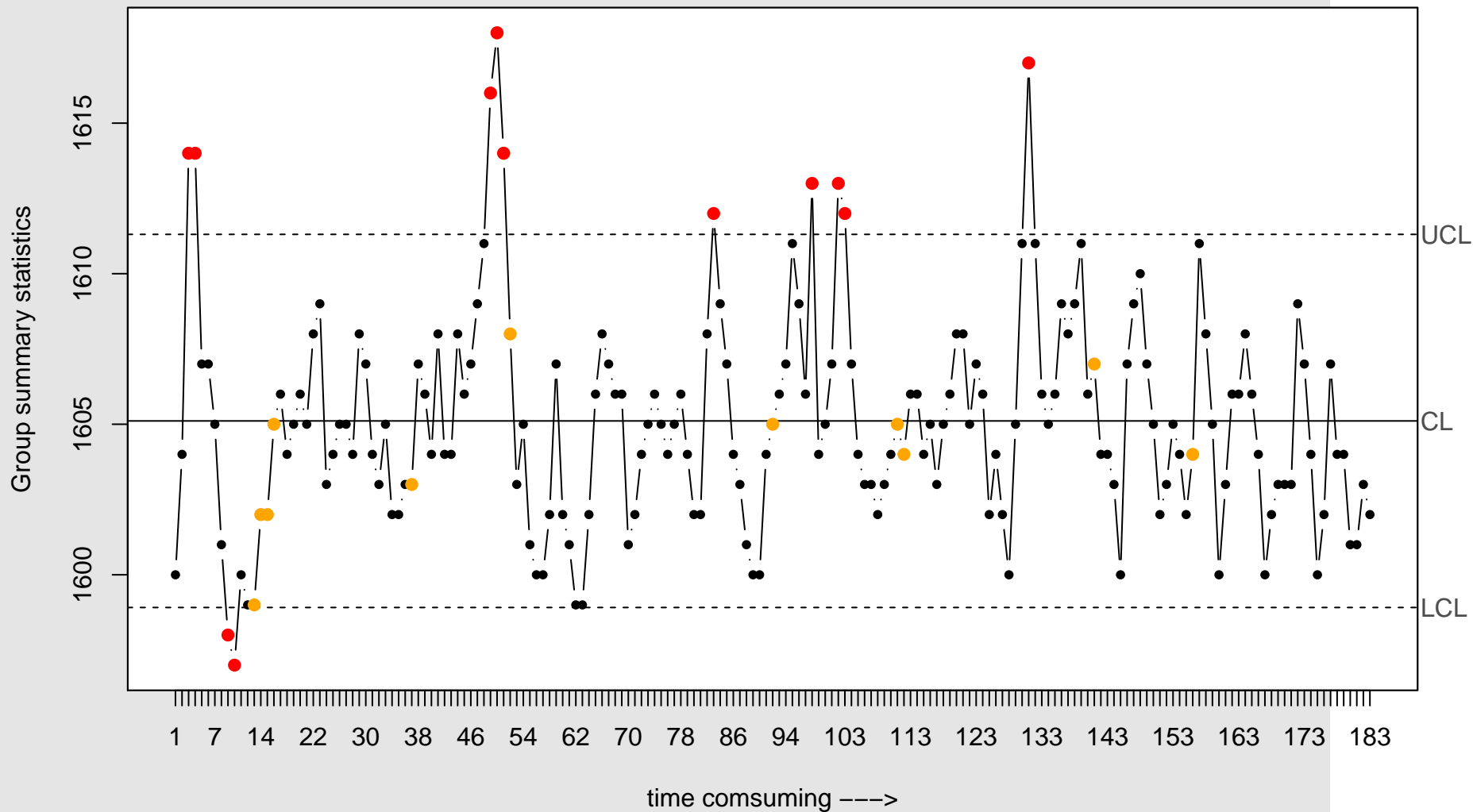
LCL = 1597.87

UCL = 1609.824

Number beyond limits = 17

Number violating runs = 15

### 39th column point of this product



Number of groups = 183

Center = 1605.109

StdDev = 2.065311

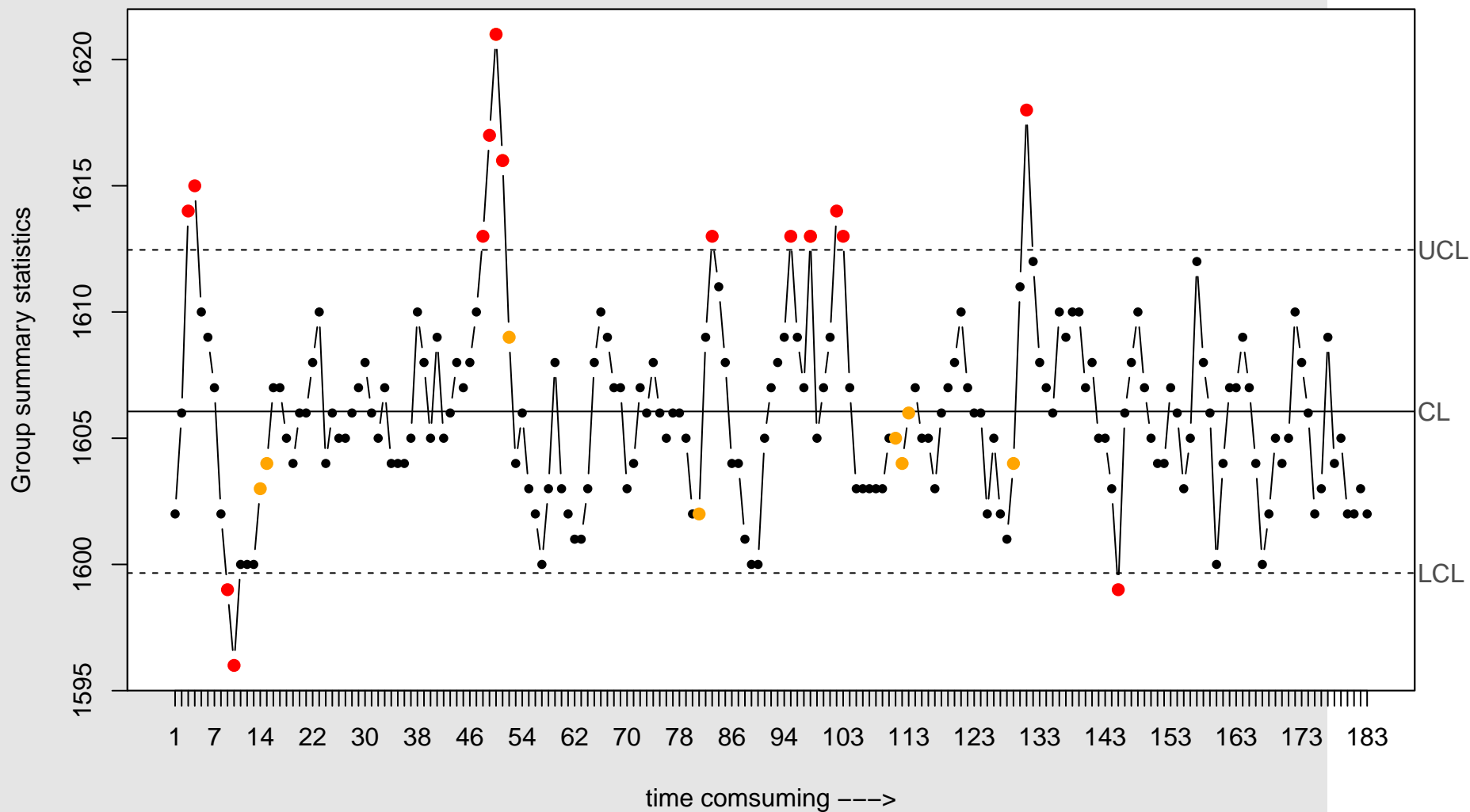
LCL = 1598.913

UCL = 1611.305

Number beyond limits = 12

Number violating runs = 13

# 40th column point of this product



Number of groups = 183

Center = 1606.06

StdDev = 2.133505

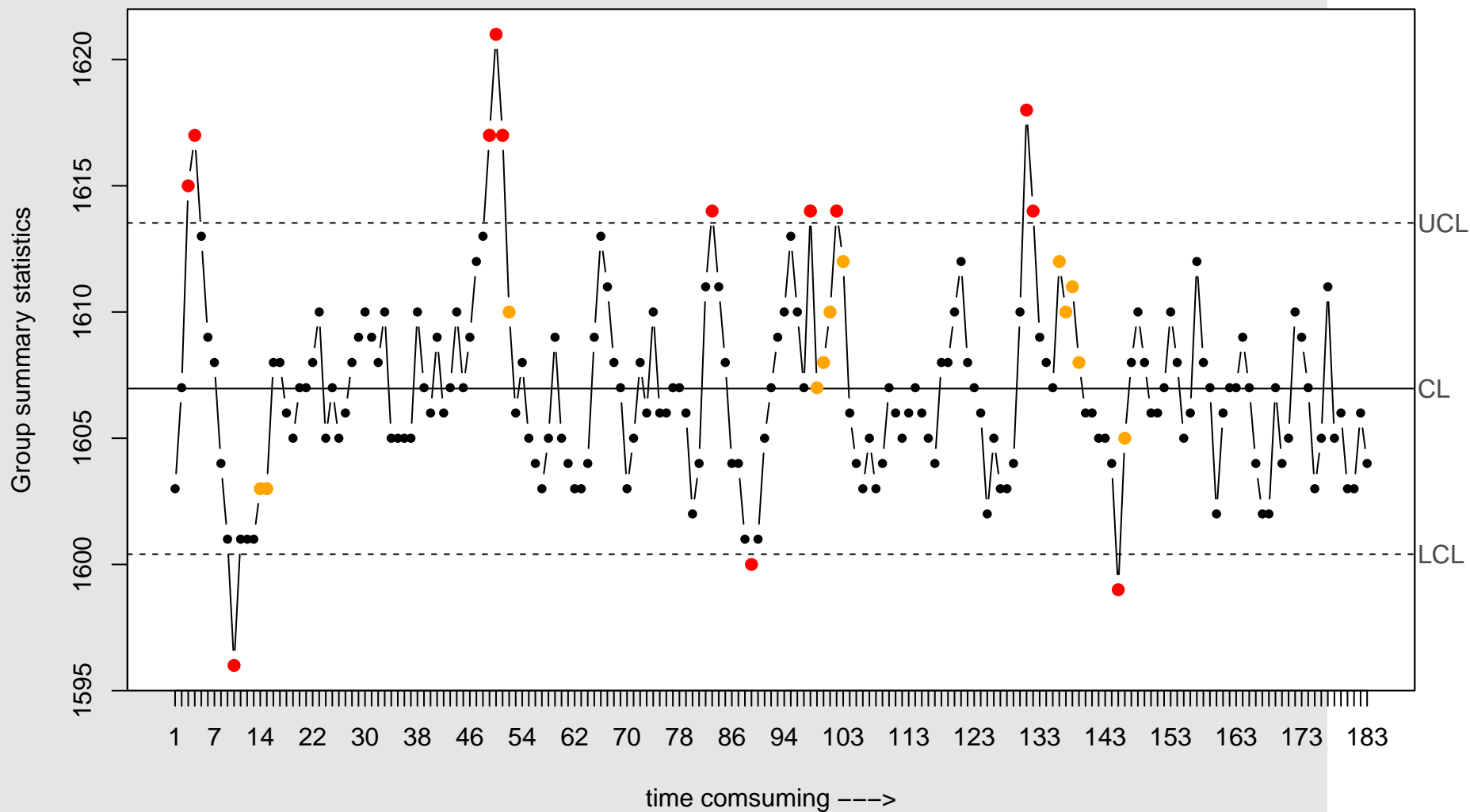
LCL = 1599.66

UCL = 1612.461

Number beyond limits = 15

Number violating runs = 11

# 41th column point of this product



Number of groups = 183

Center = 1606.967

StdDev = 2.187086

LCL = 1600.406

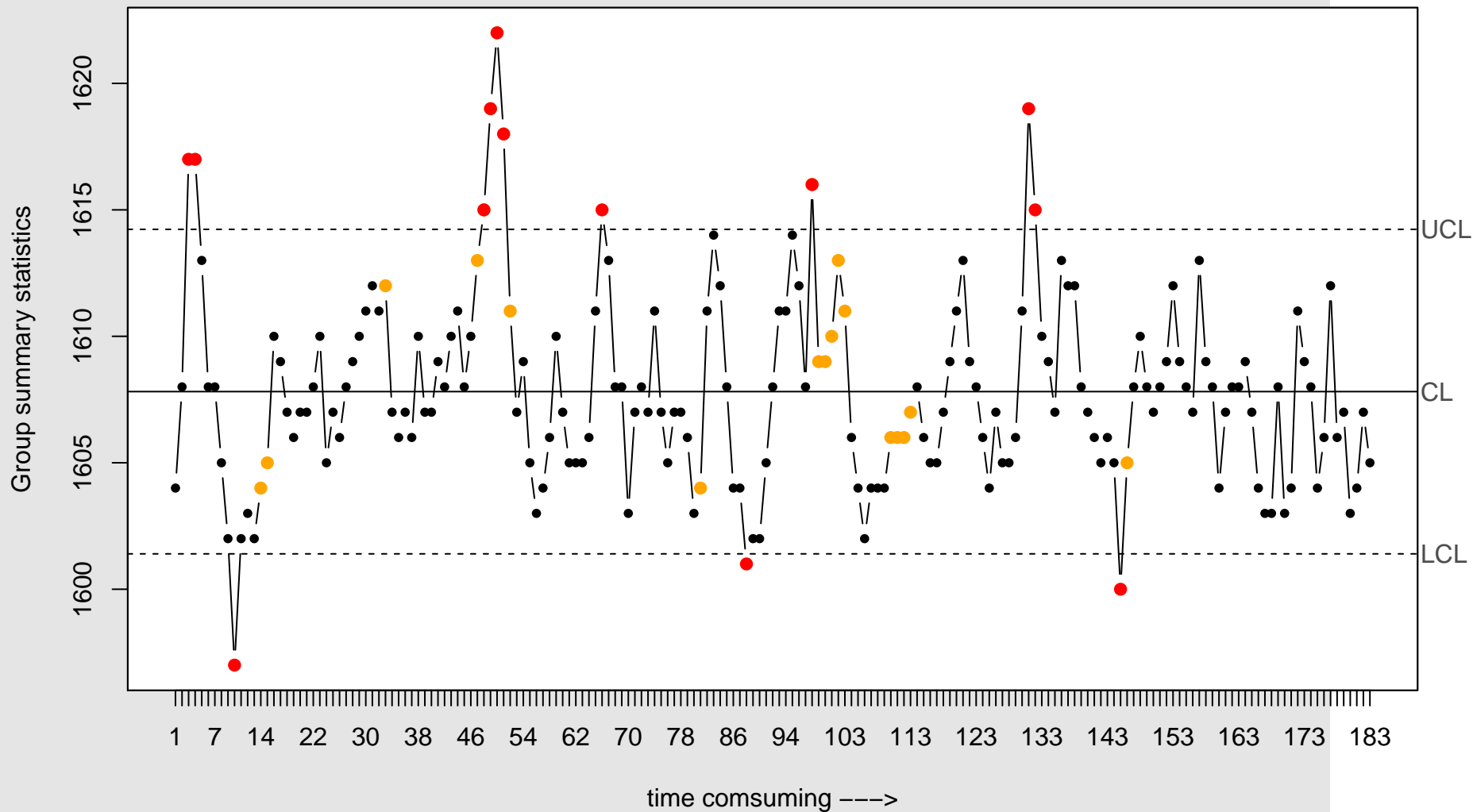
UCL = 1613.528

Number beyond limits = 13

Number violating runs = 17



# 42th column point of this product

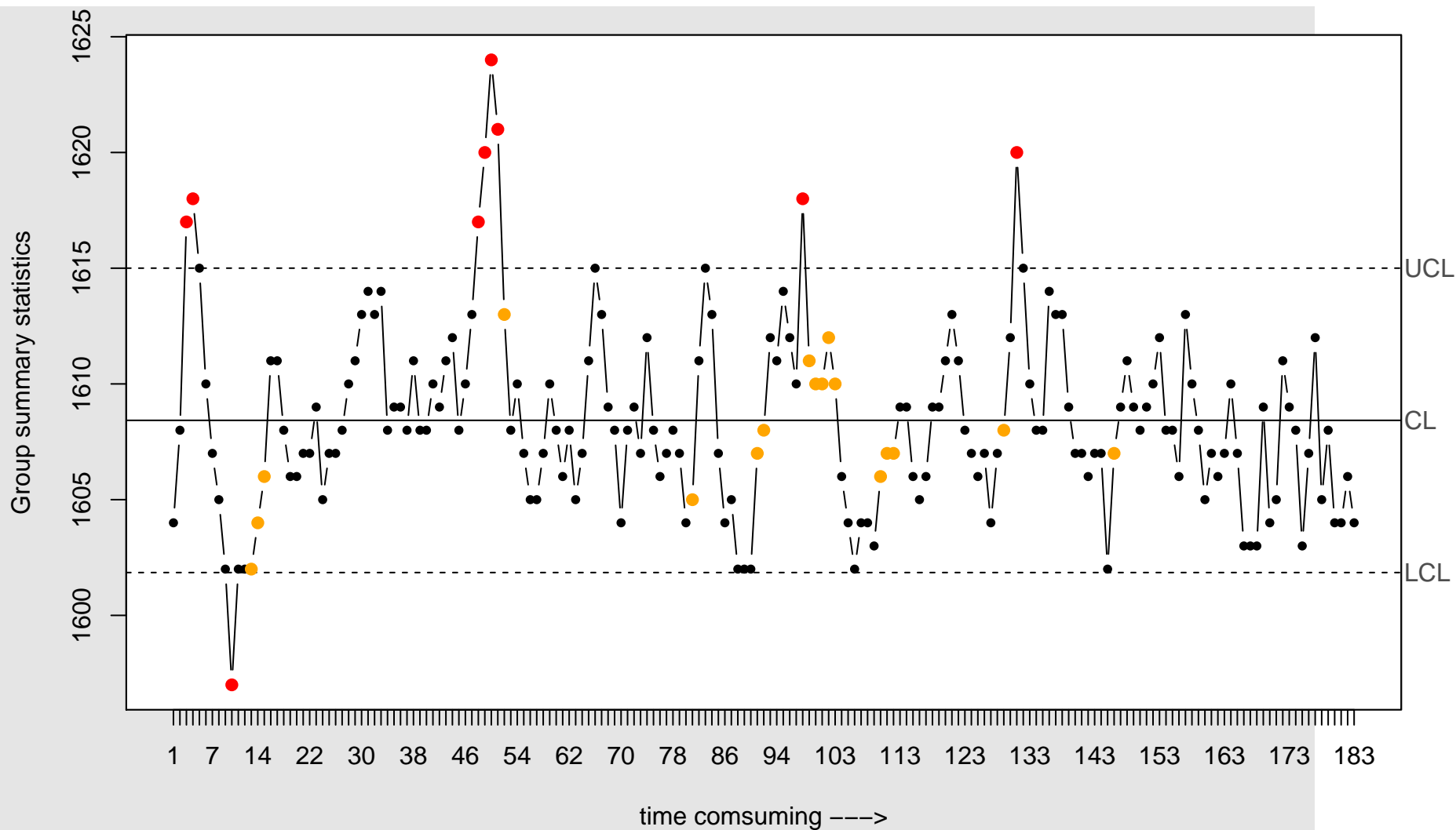


Number of groups = 183  
Center = 1607.814  
StdDev = 2.138376

LCL = 1601.399  
UCL = 1614.229

Number beyond limits = 13  
Number violating runs = 21

### 43th column point of this product



Number of groups = 183

Center = 1608.426

StdDev = 2.191957

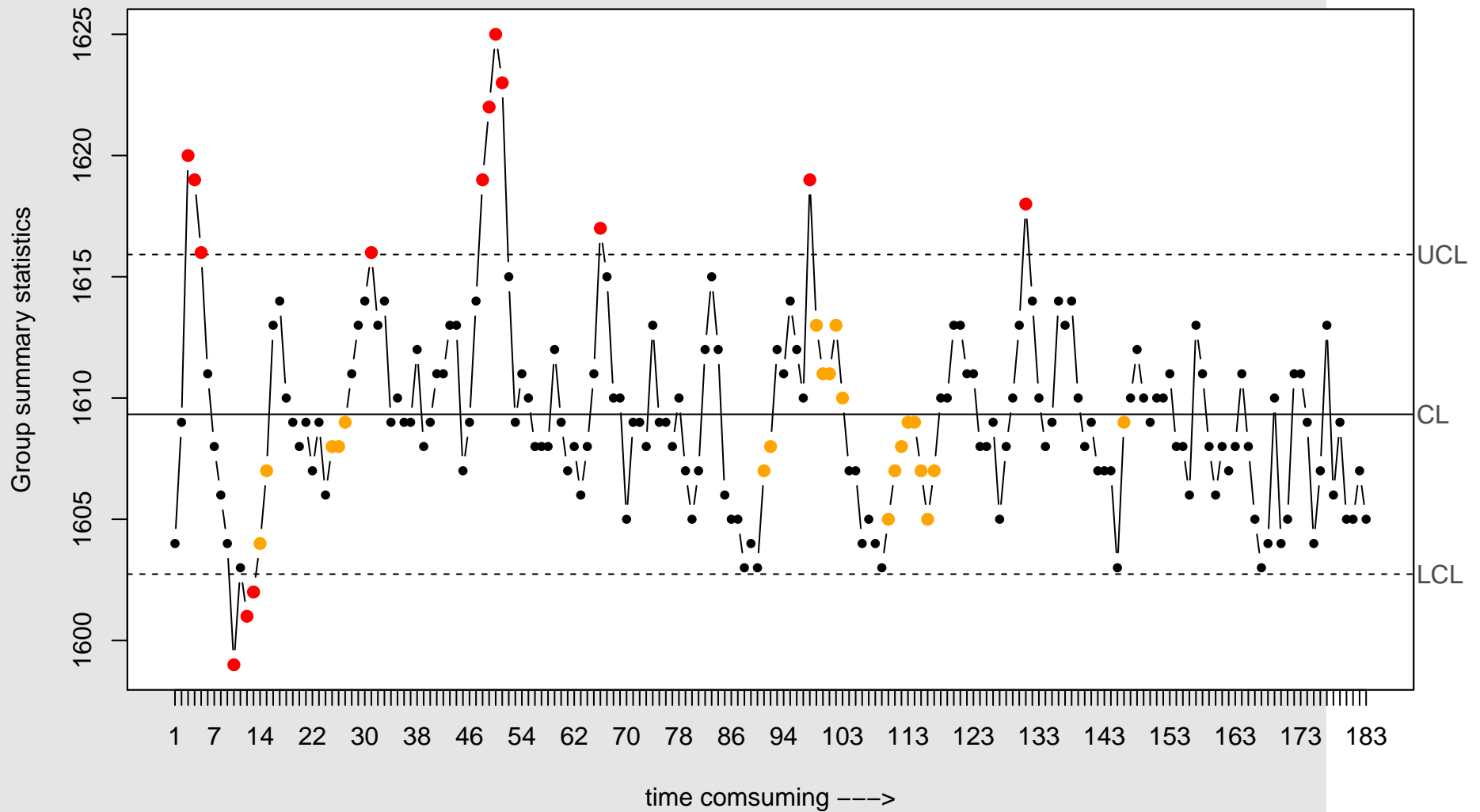
LCL = 1601.85

UCL = 1615.002

Number beyond limits = 9

Number violating runs = 17

### 44th column point of this product



Number of groups = 183

Center = 1609.328

StdDev = 2.196828

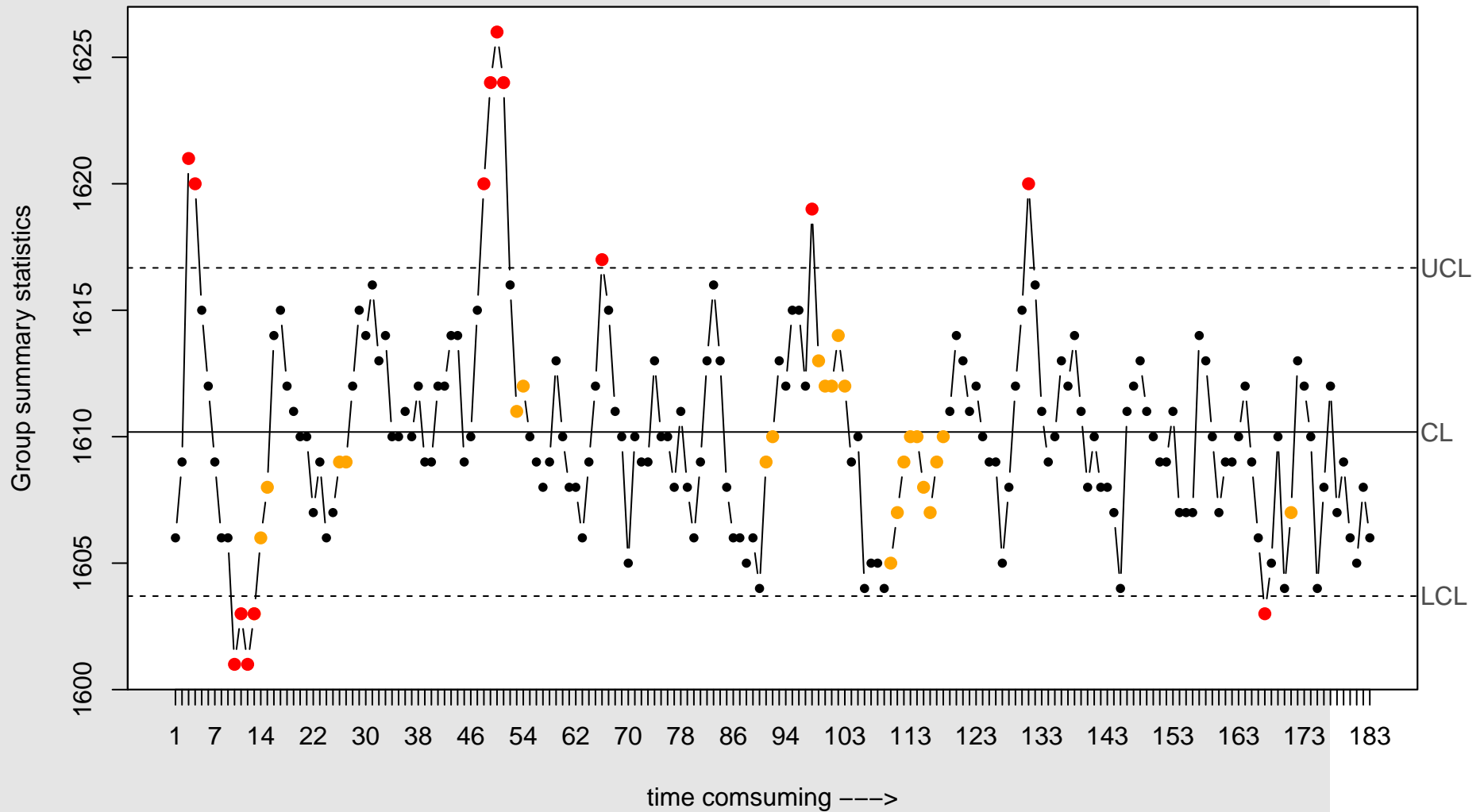
LCL = 1602.737

UCL = 1615.918

Number beyond limits = 14

Number violating runs = 22

# 45th column point of this product



Number of groups = 183

Center = 1610.186

StdDev = 2.162731

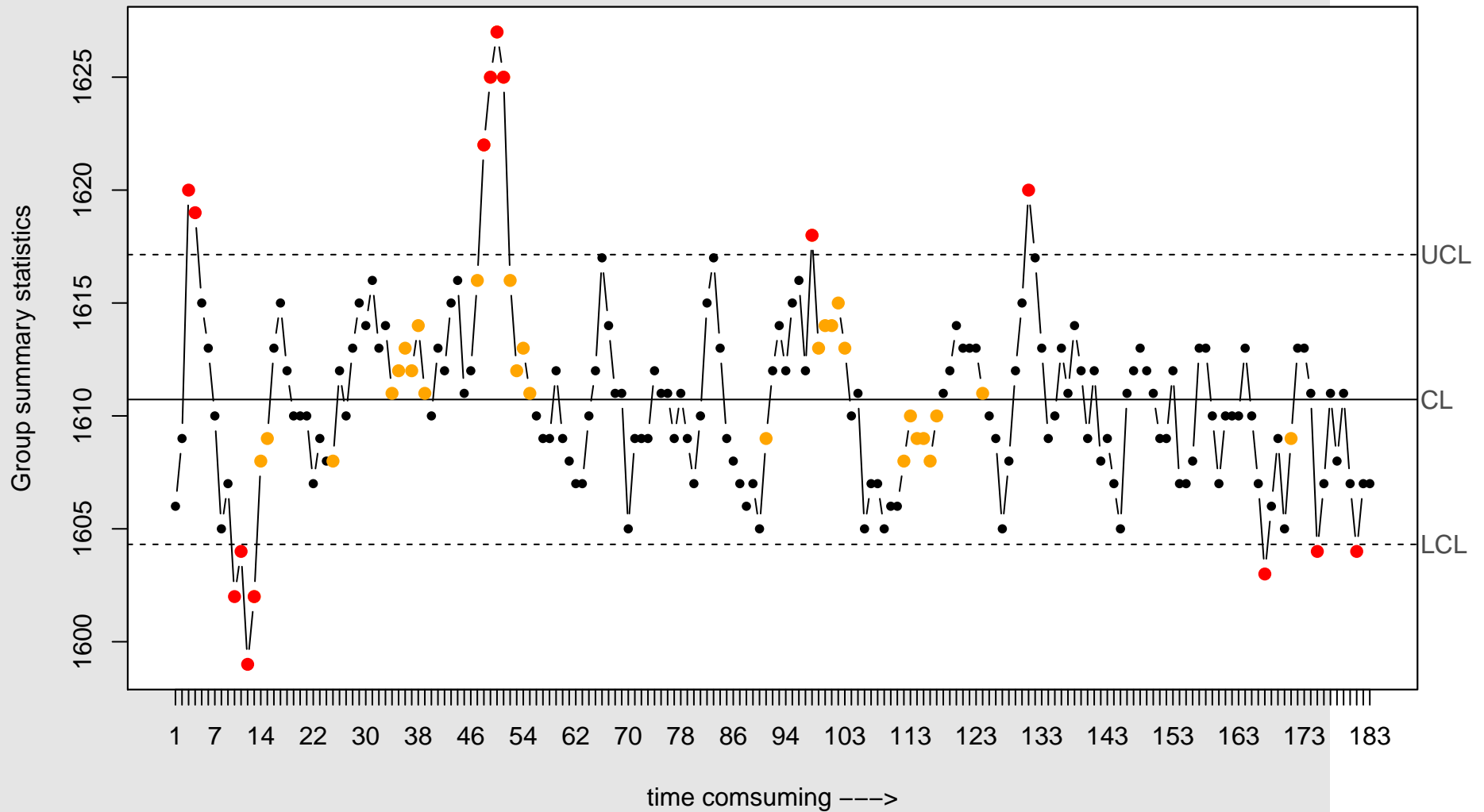
LCL = 1603.698

UCL = 1616.674

Number beyond limits = 14

Number violating runs = 24

# 46th column point of this product



Number of groups = 183

Center = 1610.727

StdDev = 2.138376

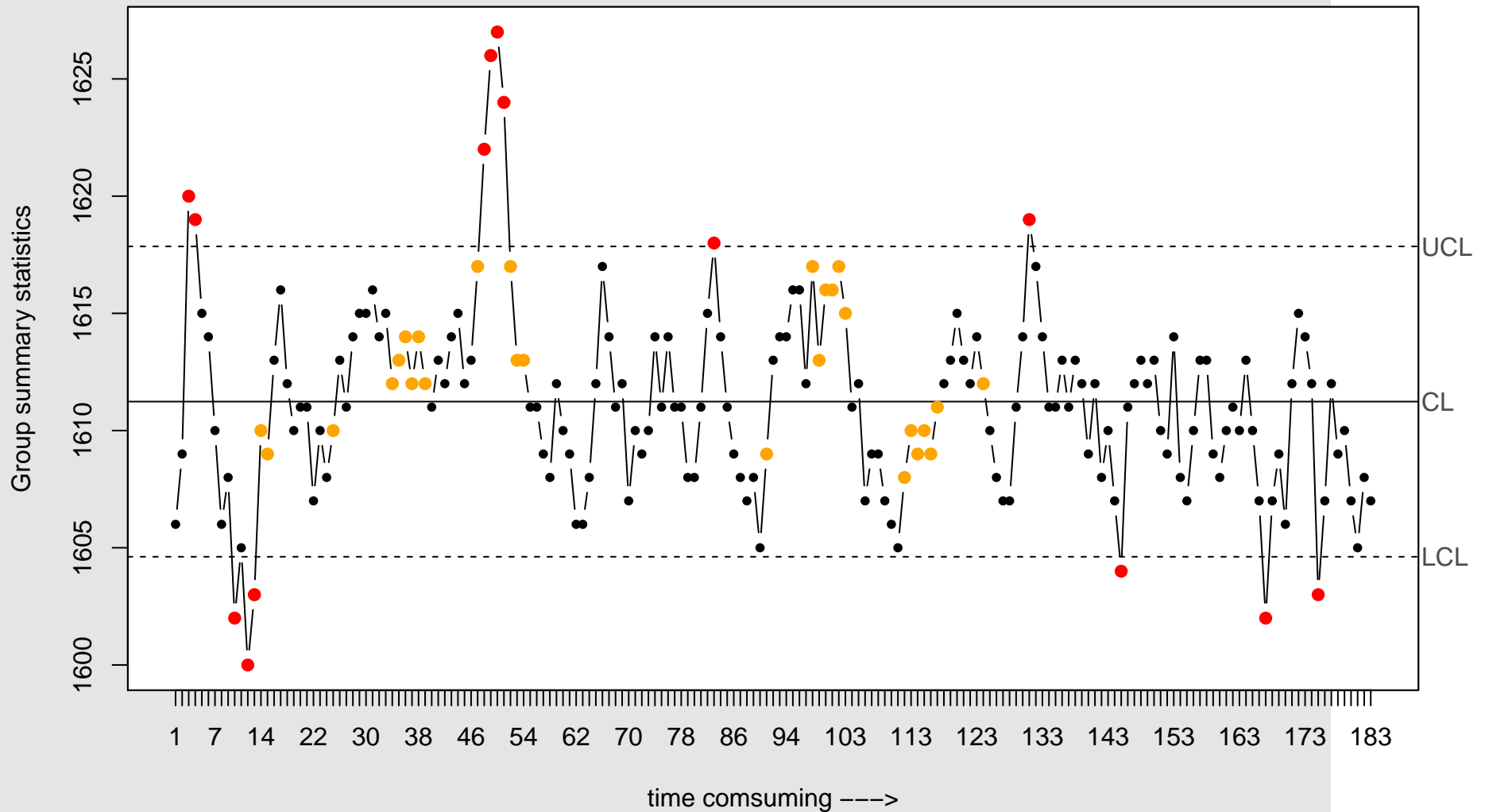
LCL = 1604.312

UCL = 1617.142

Number beyond limits = 15

Number violating runs = 34

### 47th column point of this product



Number of groups = 183

Center = 1611.235

StdDev = 2.20657

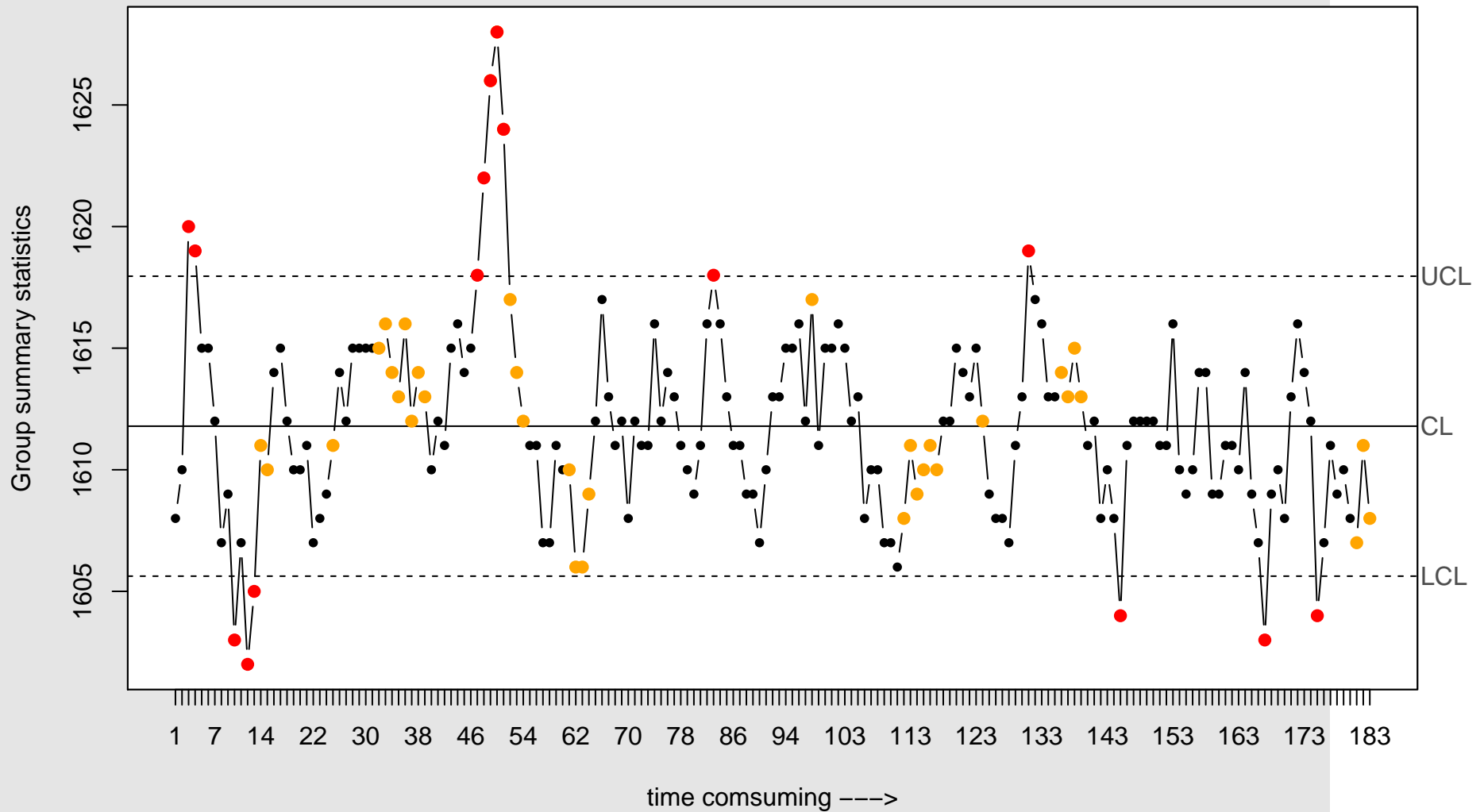
LCL = 1604.615

UCL = 1617.855

Number beyond limits = 14

Number violating runs = 32

### 48th column point of this product



Number of groups = 183

Center = 1611.792

StdDev = 2.055569

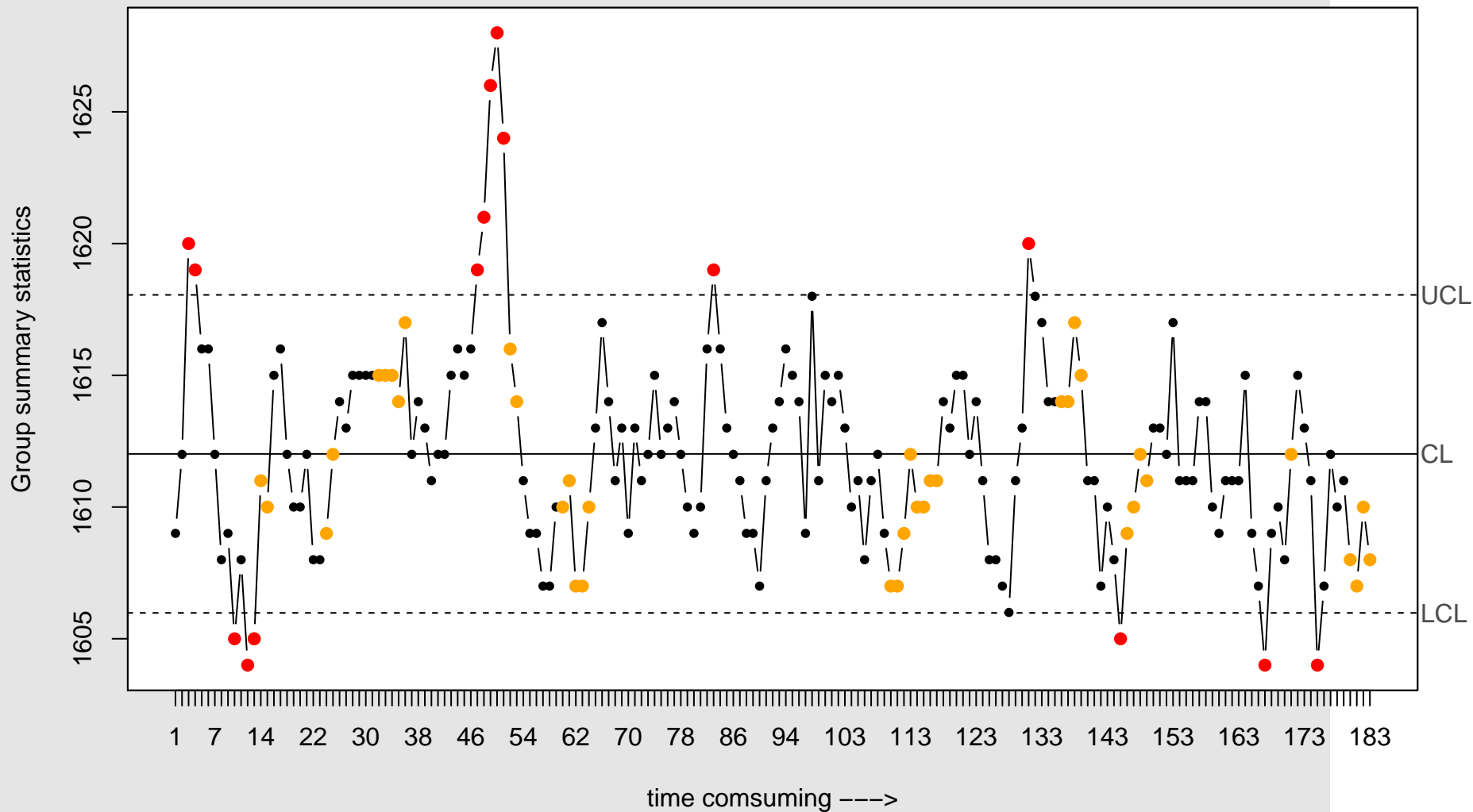
LCL = 1605.626

UCL = 1617.959

Number beyond limits = 15

Number violating runs = 36

# 49th column point of this product



Number of groups = 183

Center = 1612.016

StdDev = 2.011729

LCL = 1605.981

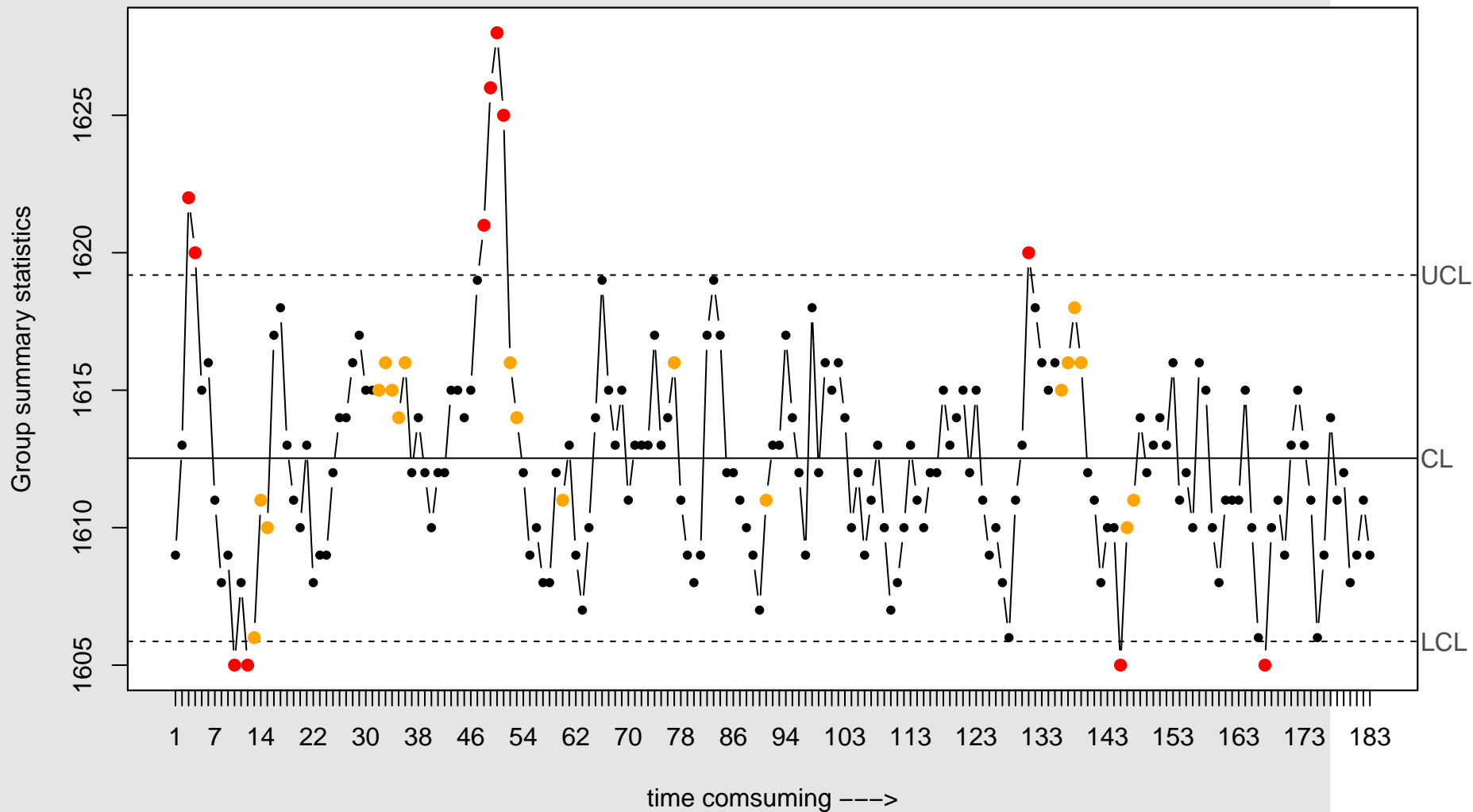
UCL = 1618.052

Number beyond limits = 15

Number violating runs = 41



# 50th column point of this product



Number of groups = 183

Center = 1612.525

StdDev = 2.221183

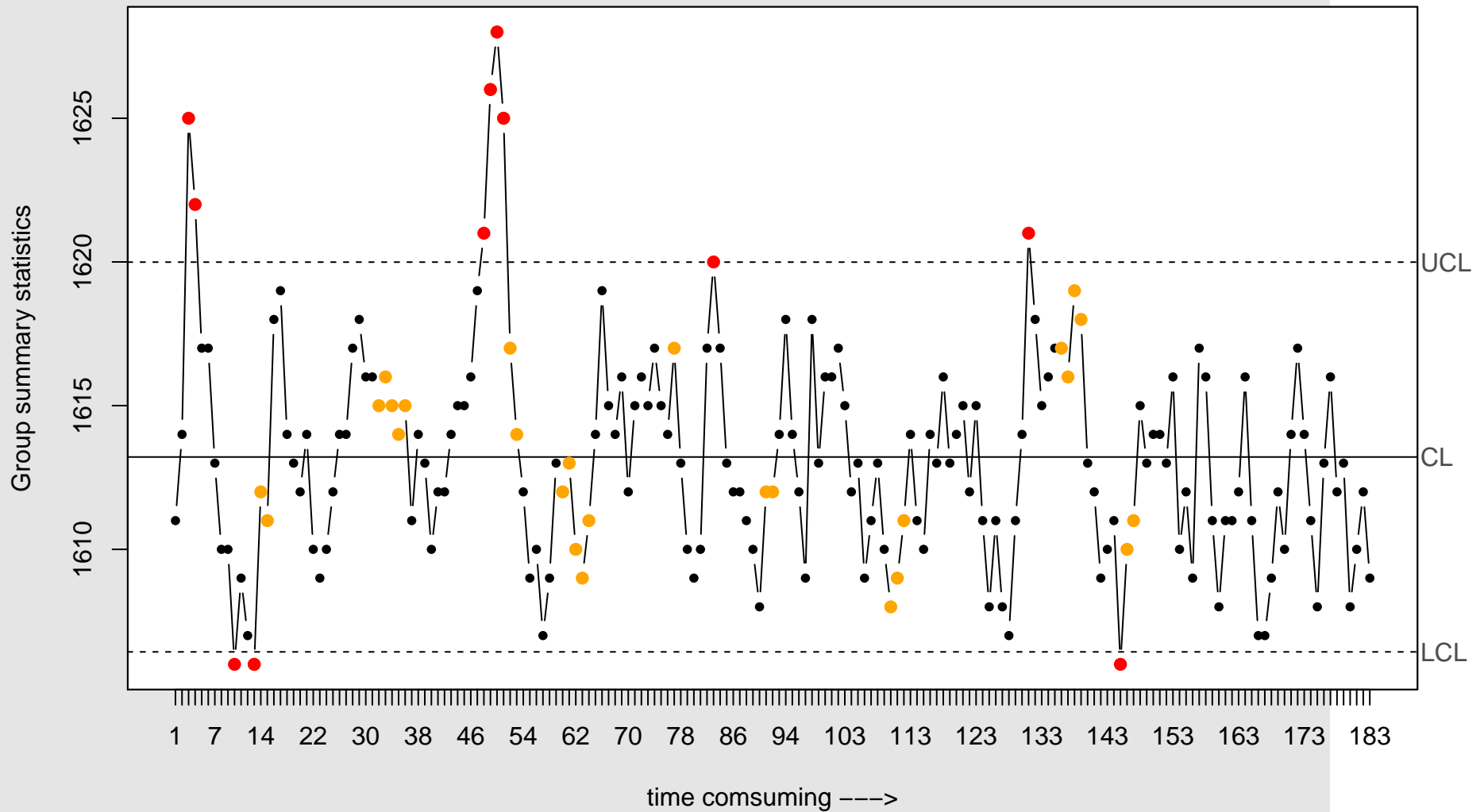
LCL = 1605.861

UCL = 1619.188

Number beyond limits = 11

Number violating runs = 22

### 51th column point of this product



Number of groups = 183

Center = 1613.213

StdDev = 2.260151

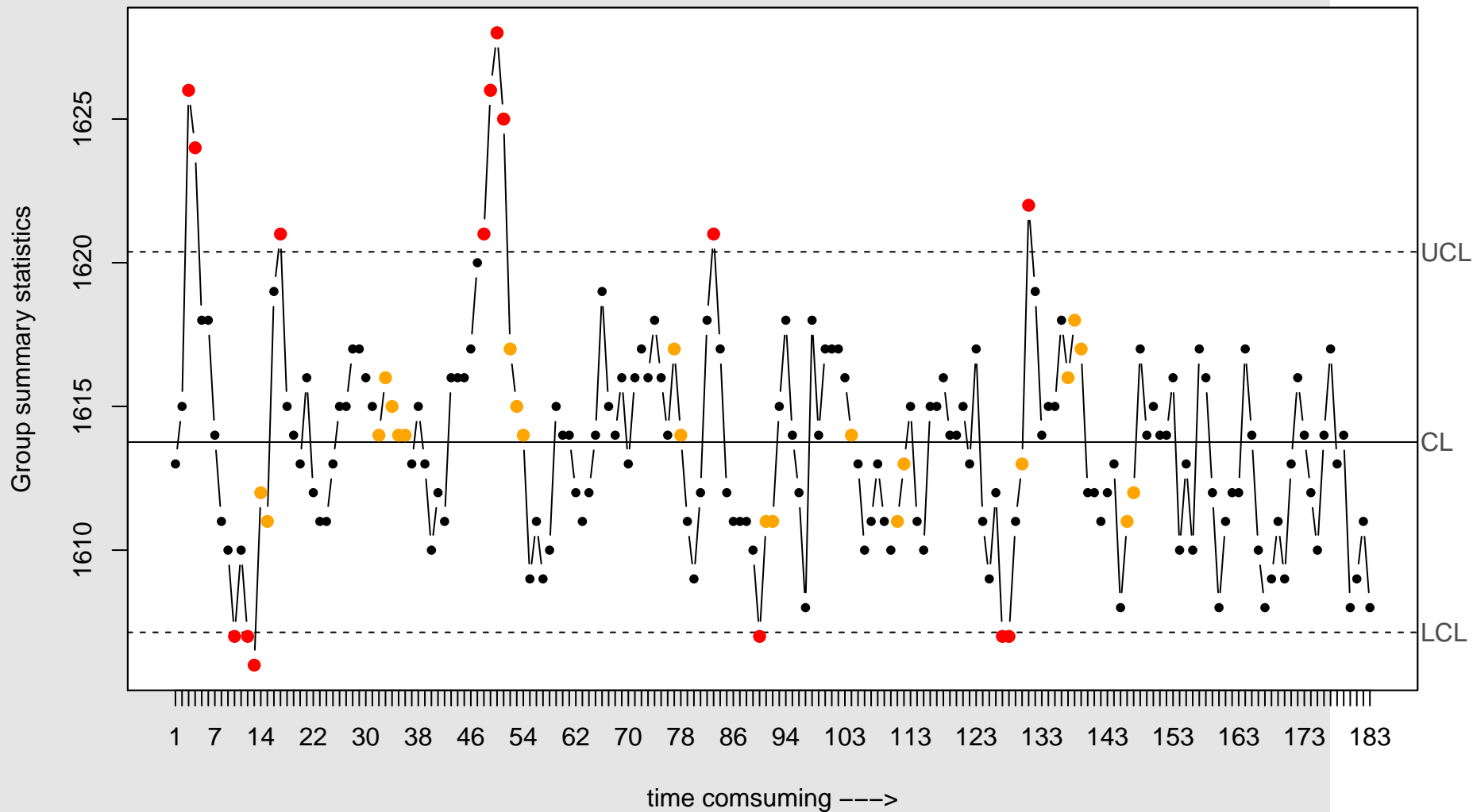
LCL = 1606.433

UCL = 1619.994

Number beyond limits = 11

Number violating runs = 30

# 52th column point of this product



Number of groups = 183

Center = 1613.76

StdDev = 2.20657

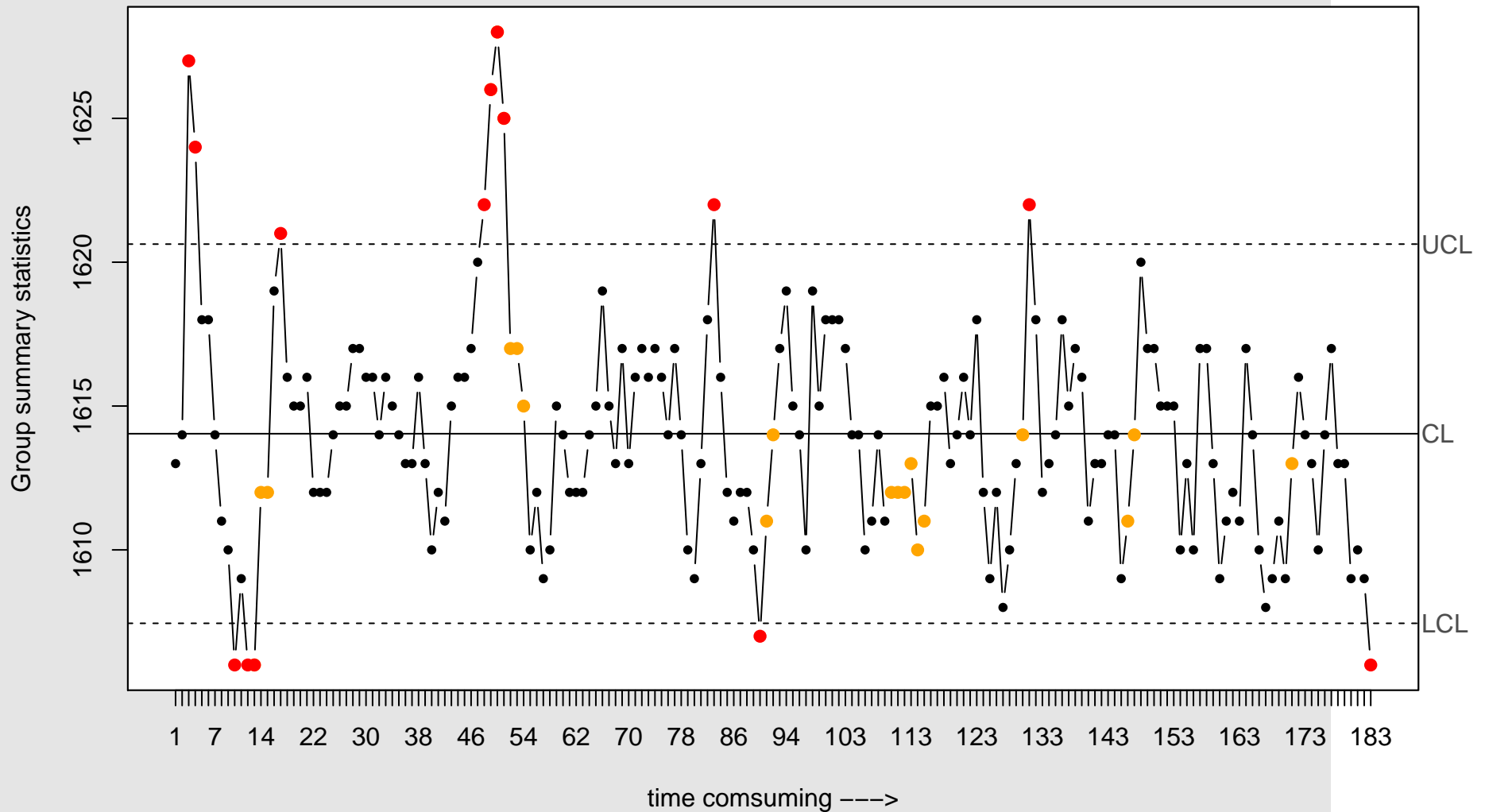
LCL = 1607.14

UCL = 1620.379

Number beyond limits = 15

Number violating runs = 26

### 53th column point of this product



Number of groups = 183

Center = 1614.038

StdDev = 2.196828

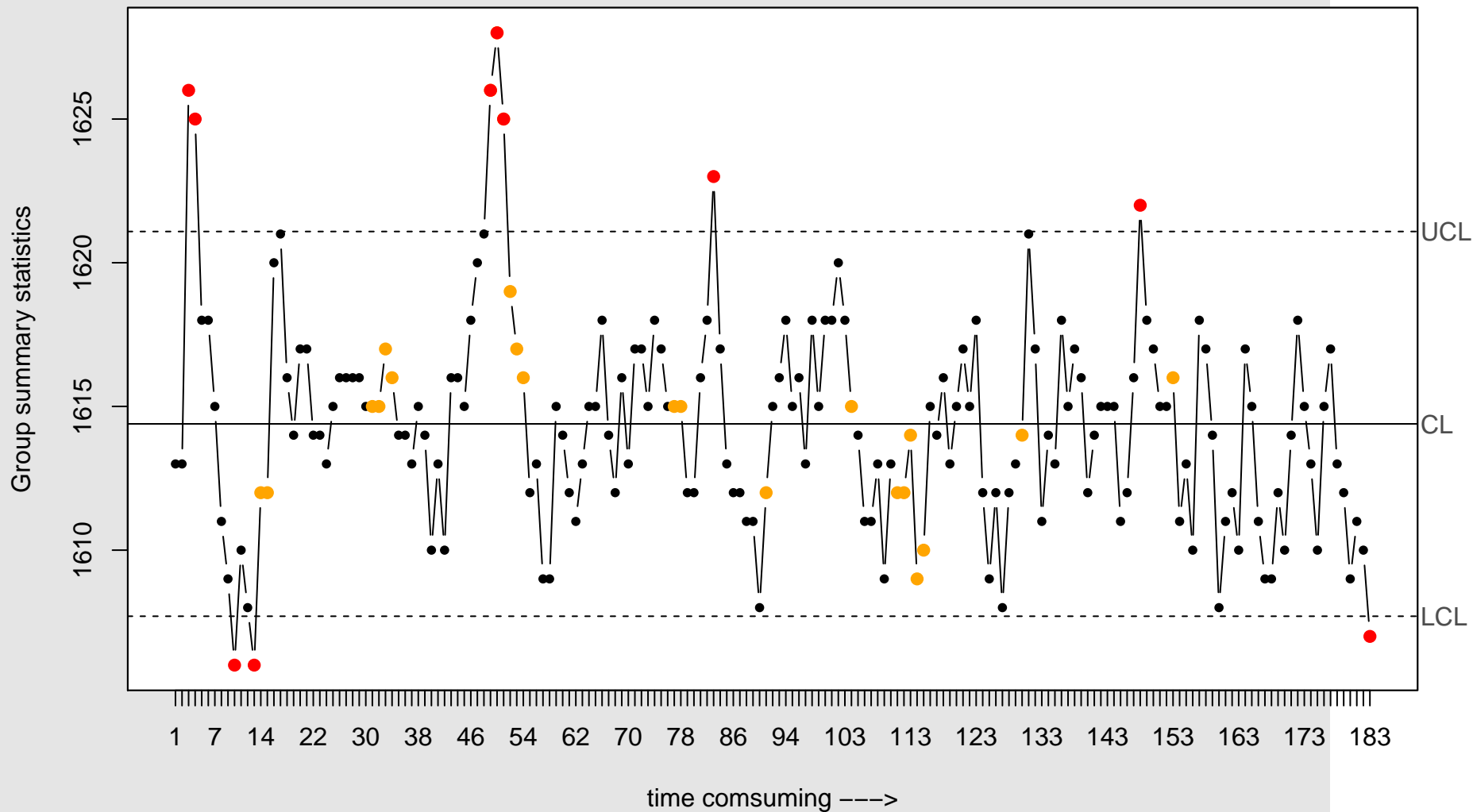
LCL = 1607.448

UCL = 1620.629

Number beyond limits = 14

Number violating runs = 21

### 54th column point of this product



Number of groups = 183

Center = 1614.393

StdDev = 2.230925

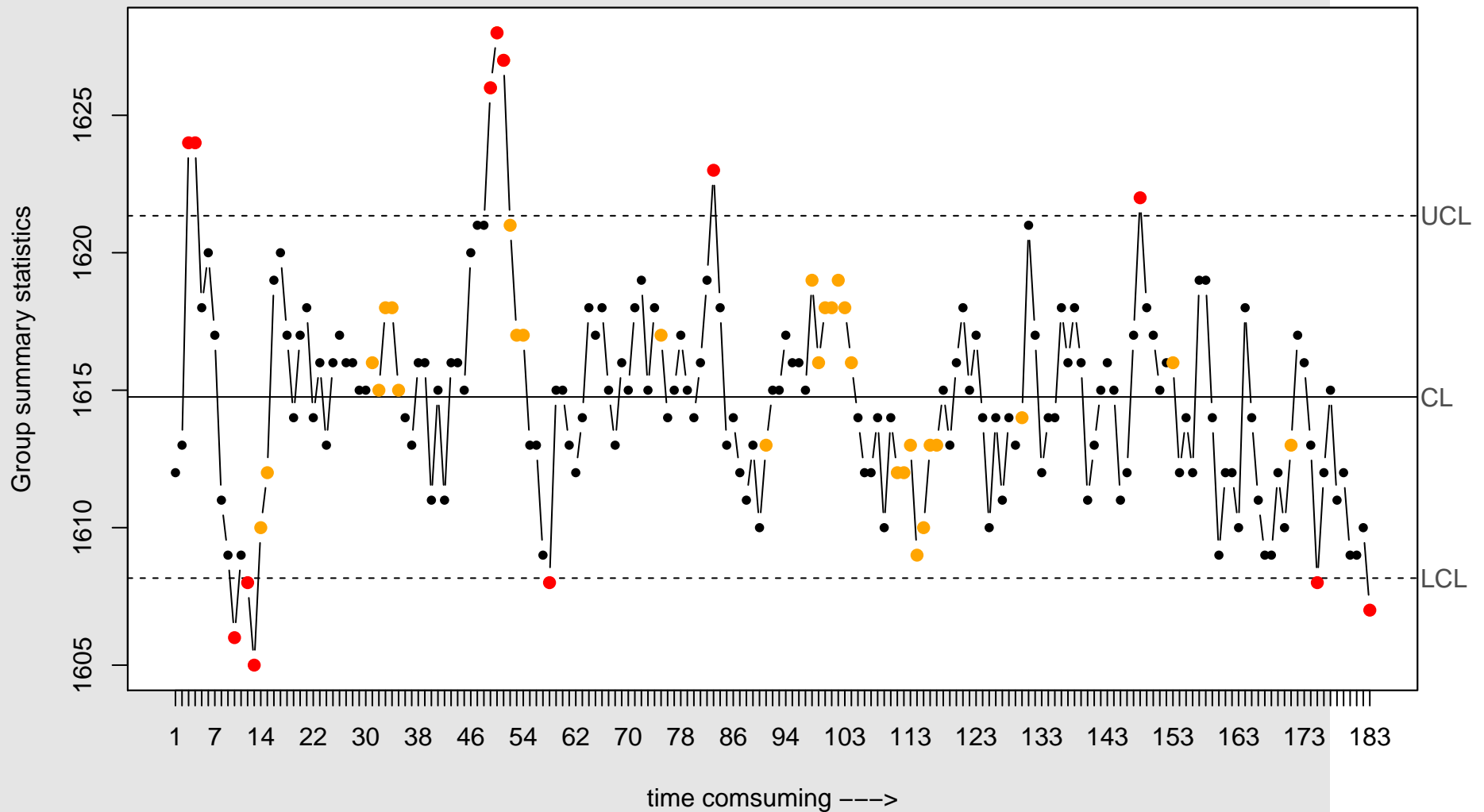
LCL = 1607.701

UCL = 1621.086

Number beyond limits = 10

Number violating runs = 23

# 55th column point of this product



Number of groups = 183

Center = 1614.754

StdDev = 2.196828

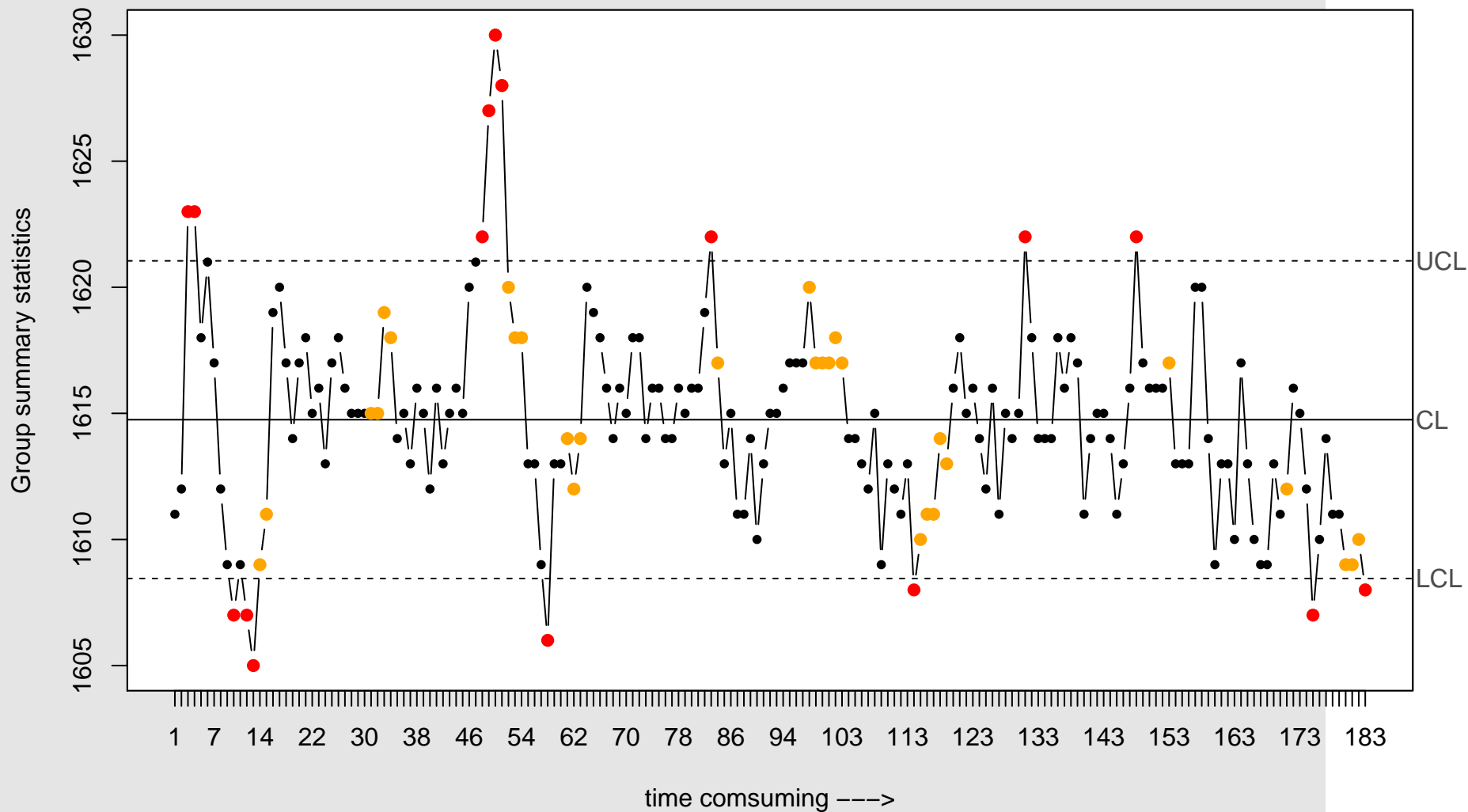
LCL = 1608.164

UCL = 1621.345

Number beyond limits = 13

Number violating runs = 32

# 56th column point of this product



Number of groups = 183

Center = 1614.749

StdDev = 2.099408

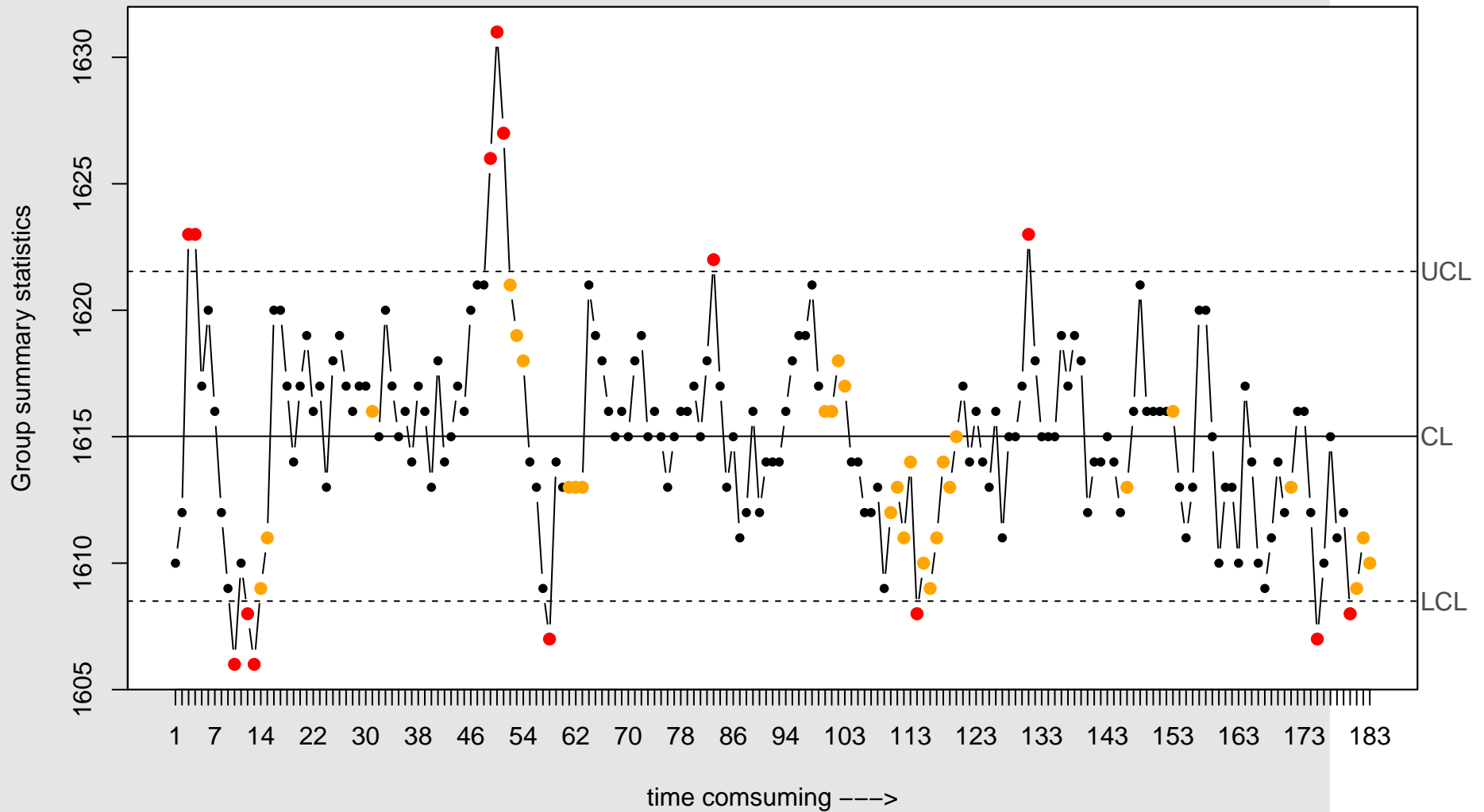
LCL = 1608.45

UCL = 1621.047

Number beyond limits = 16

Number violating runs = 33

# 57th column point of this product



Number of groups = 183

Center = 1615.016

StdDev = 2.172473

LCL = 1608.499

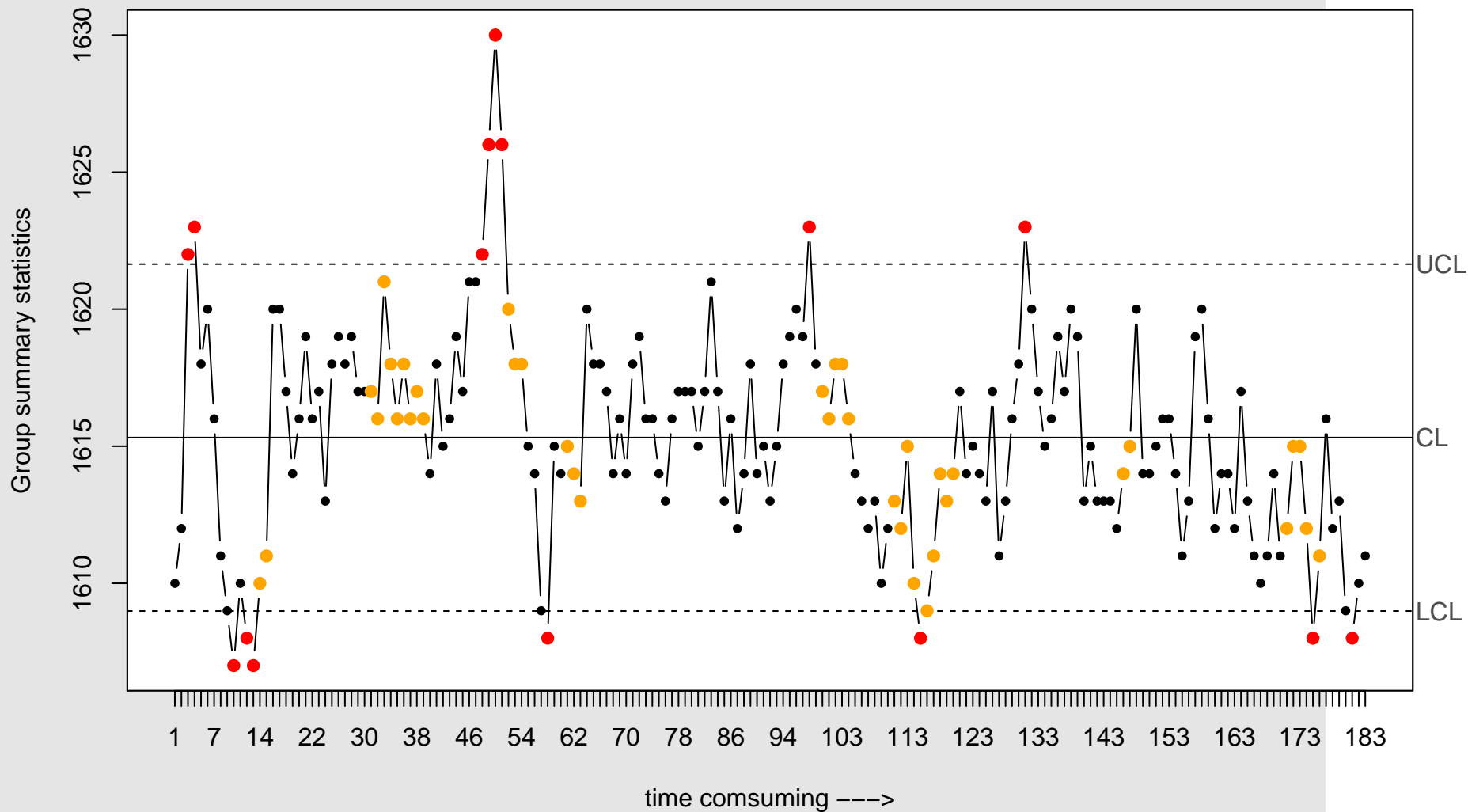
UCL = 1621.534

Number beyond limits = 14

Number violating runs = 33



# 58th column point of this product



Number of groups = 183

Center = 1615.317

StdDev = 2.10915

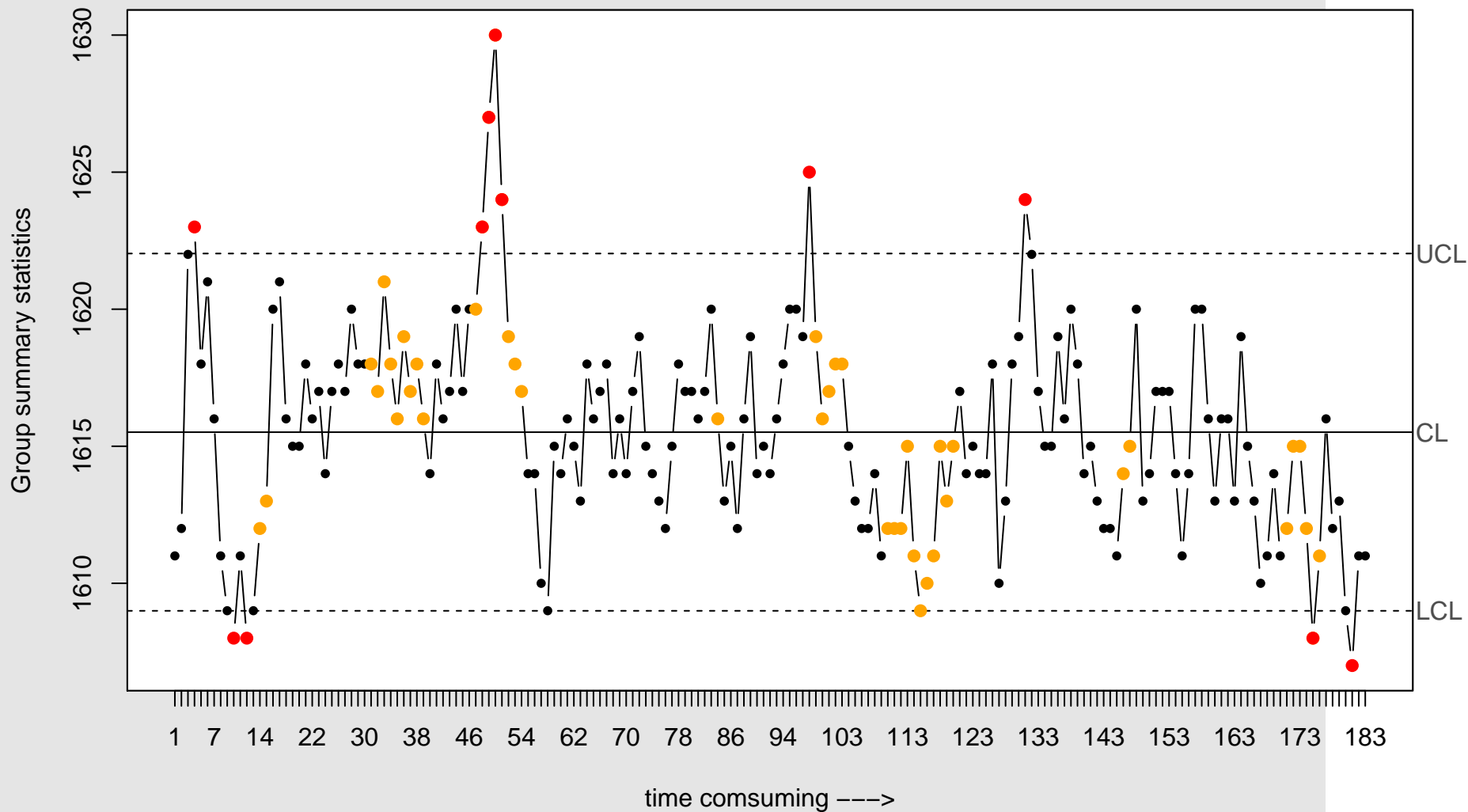
LCL = 1608.989

UCL = 1621.644

Number beyond limits = 15

Number violating runs = 43

# 59th column point of this product



Number of groups = 183

Center = 1615.514

StdDev = 2.172473

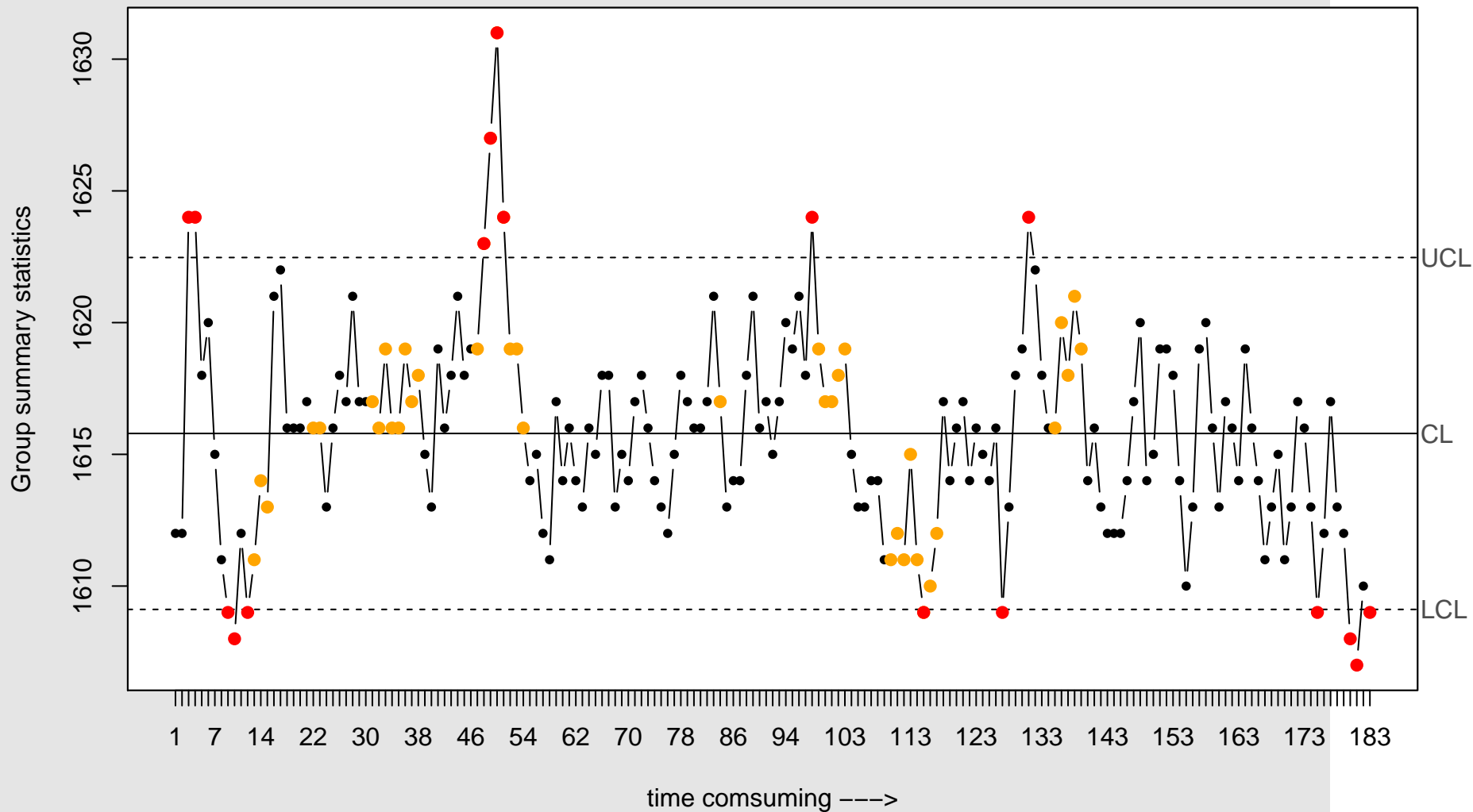
LCL = 1608.996

UCL = 1622.031

Number beyond limits = 11

Number violating runs = 44

# 60th column point of this product



Number of groups = 183

Center = 1615.792

StdDev = 2.226054

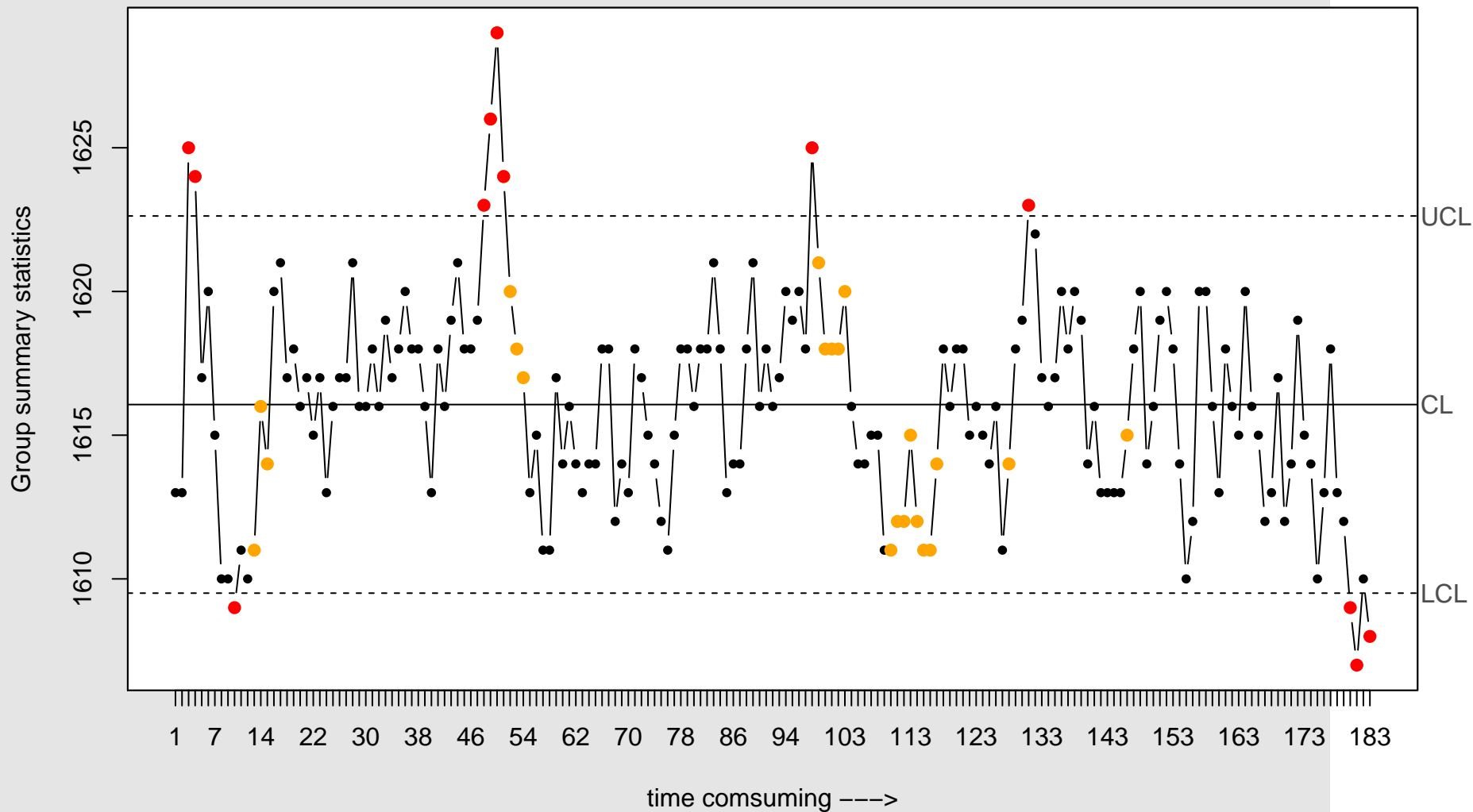
LCL = 1609.114

UCL = 1622.471

Number beyond limits = 17

Number violating runs = 40

# 61th column point of this product



Number of groups = 183

Center = 1616.066

StdDev = 2.187086

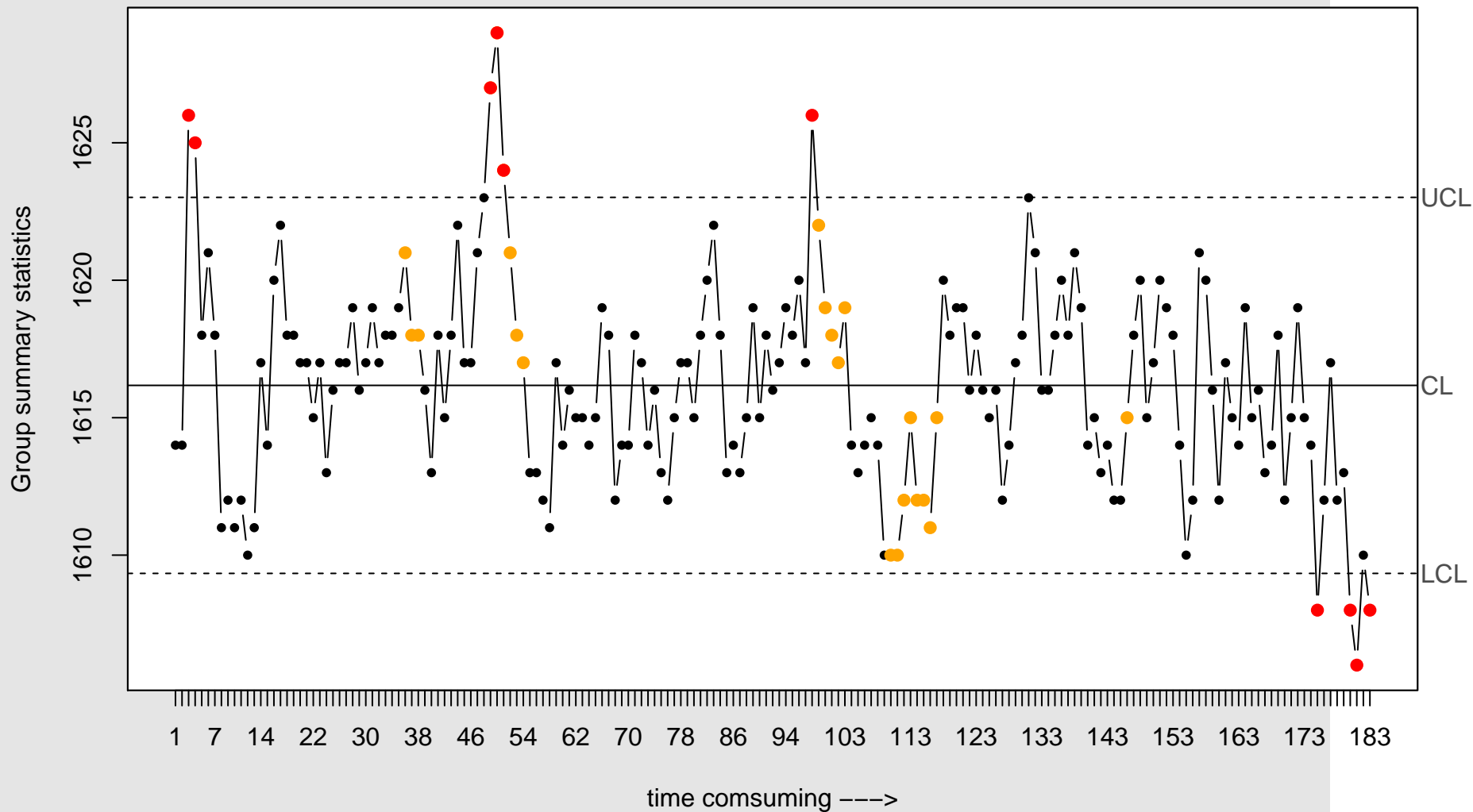
LCL = 1609.504

UCL = 1622.627

Number beyond limits = 12

Number violating runs = 24

# 62th column point of this product



Number of groups = 183

Center = 1616.175

StdDev = 2.279635

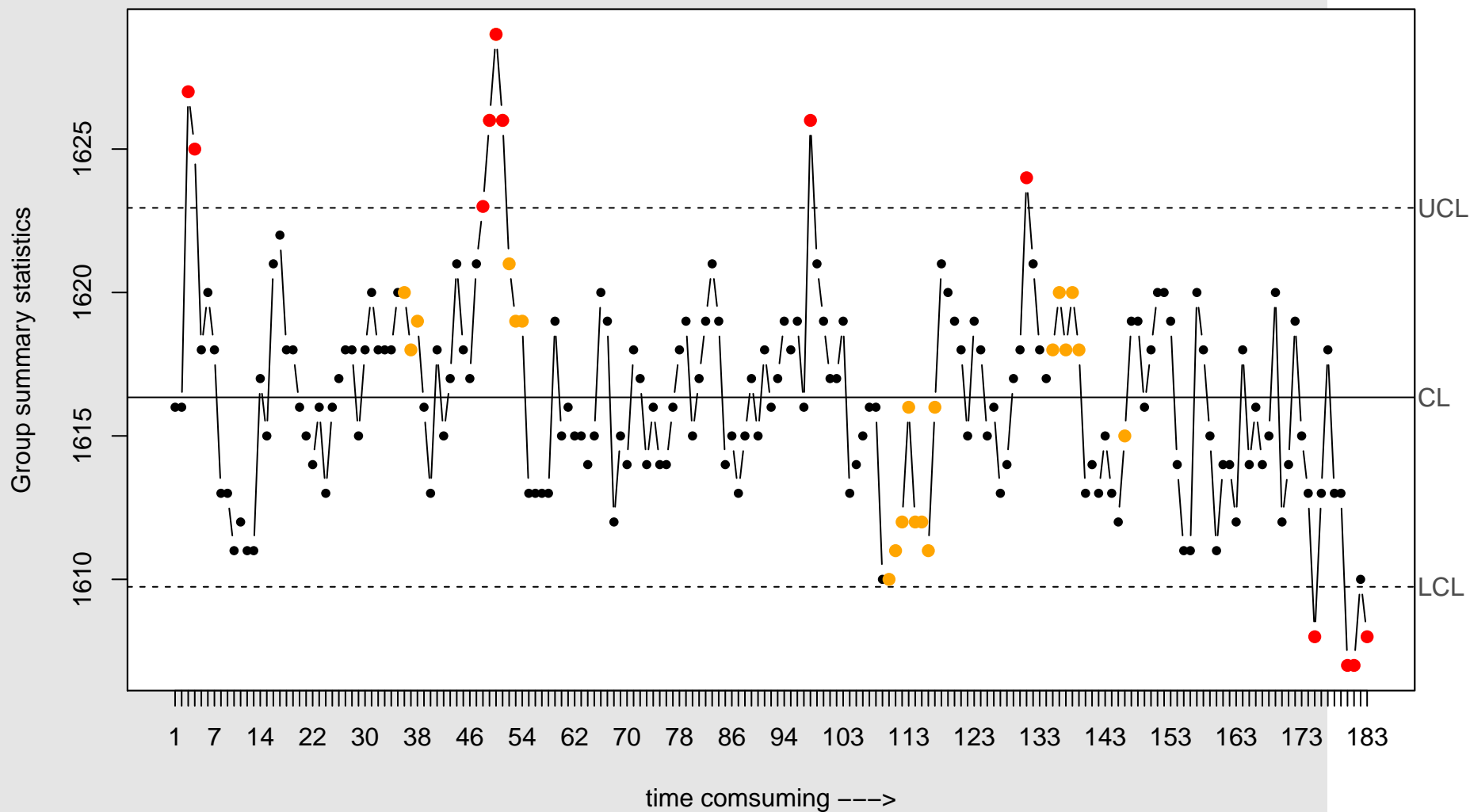
LCL = 1609.336

UCL = 1623.014

Number beyond limits = 10

Number violating runs = 23

# 63th column point of this product



Number of groups = 183

Center = 1616.344

StdDev = 2.201699

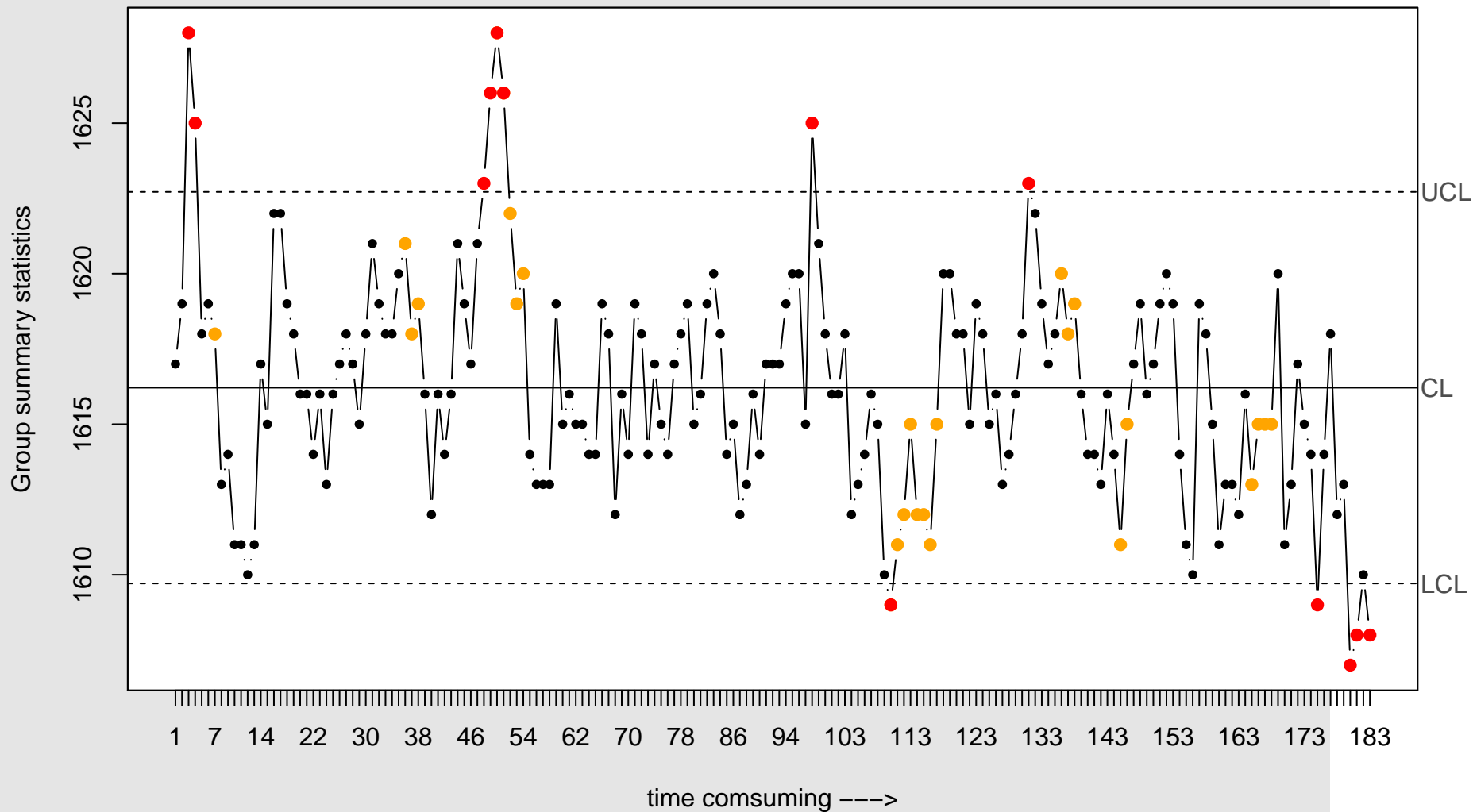
LCL = 1609.739

UCL = 1622.949

Number beyond limits = 12

Number violating runs = 23

# 64th column point of this product



Number of groups = 183

Center = 1616.213

StdDev = 2.167602

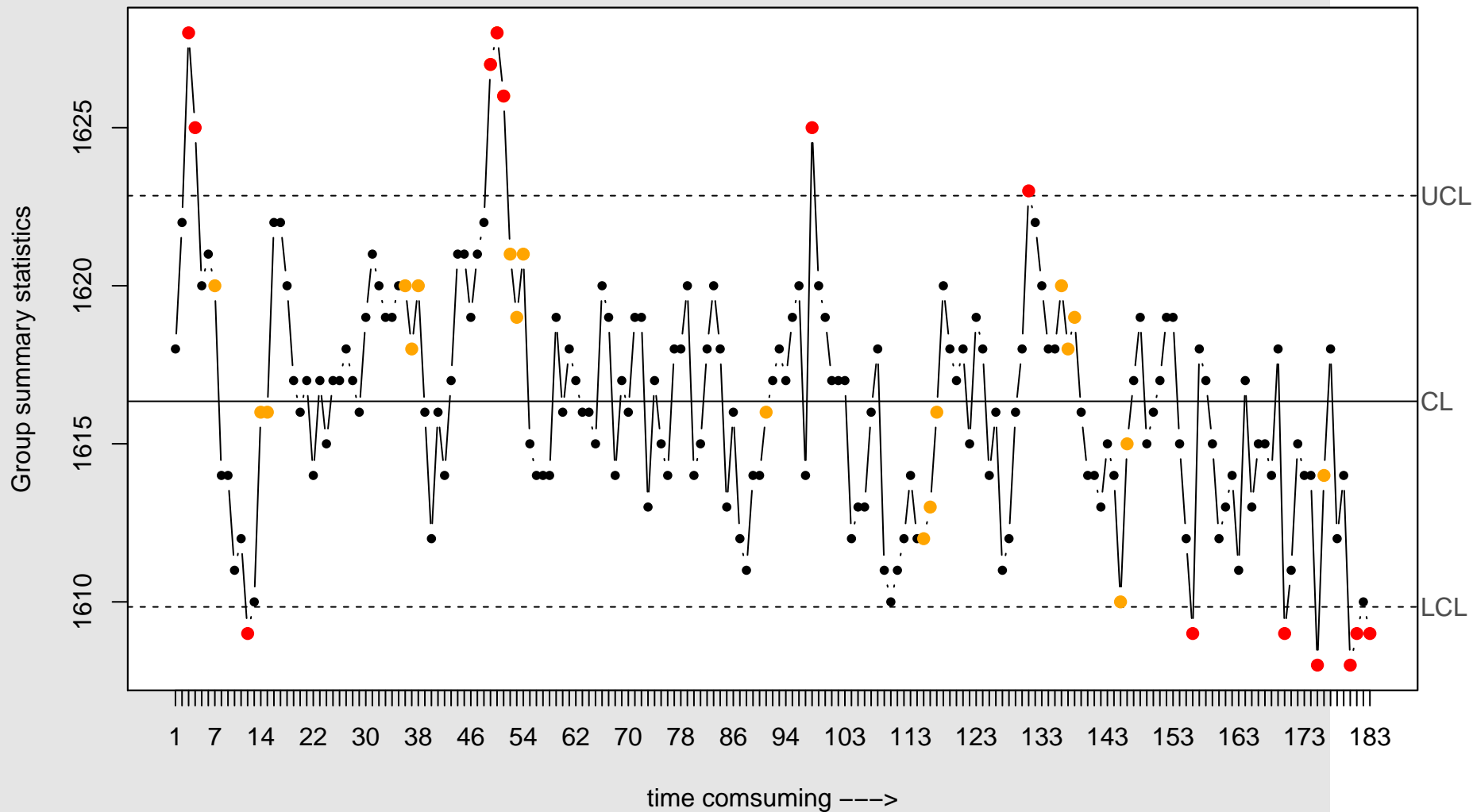
LCL = 1609.71

UCL = 1622.716

Number beyond limits = 13

Number violating runs = 26

# 65th column point of this product



Number of groups = 183

Center = 1616.344

StdDev = 2.167602

LCL = 1609.841

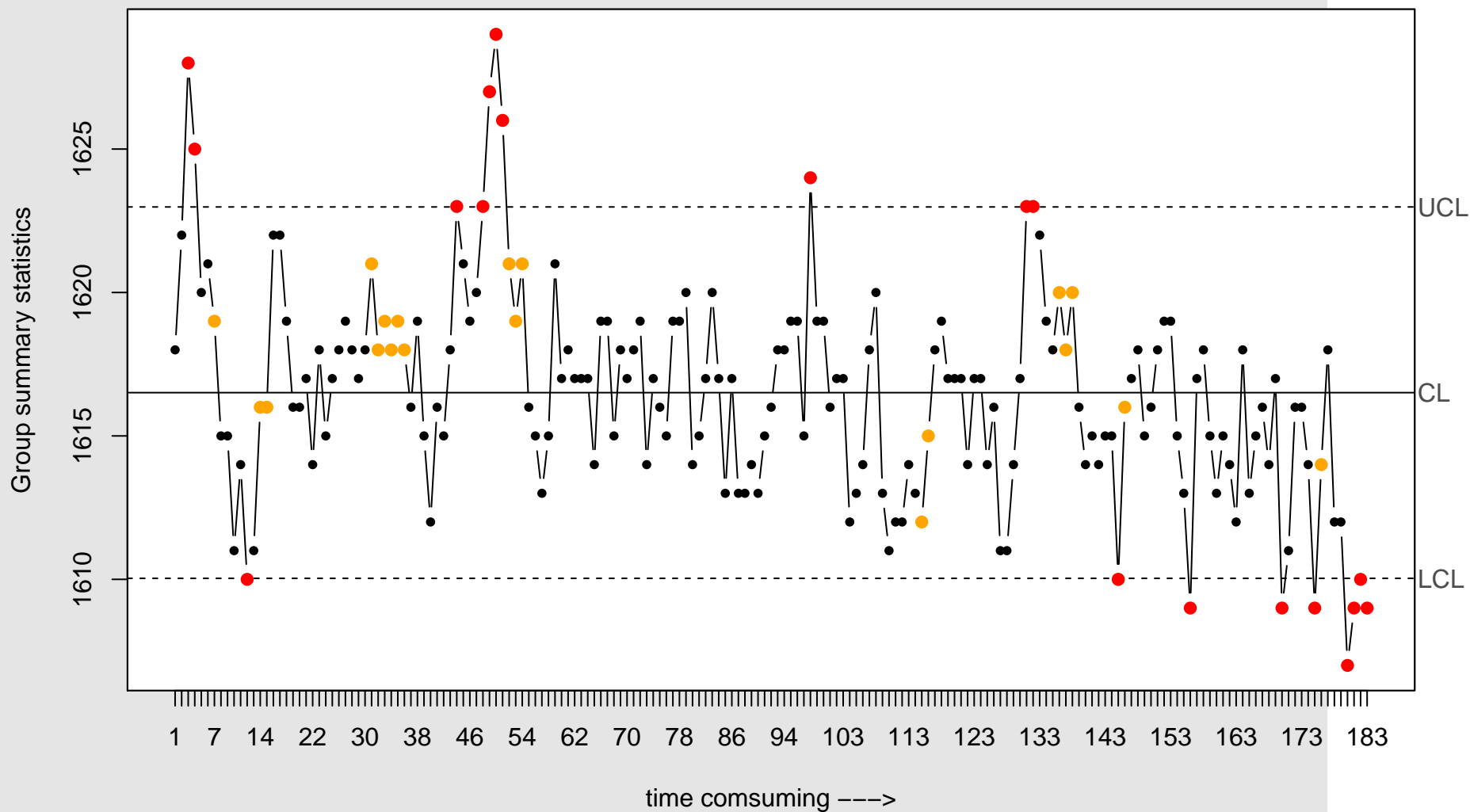
UCL = 1622.847

Number beyond limits = 14

Number violating runs = 22



# 66th column point of this product



Number of groups = 183

Center = 1616.508

StdDev = 2.15786

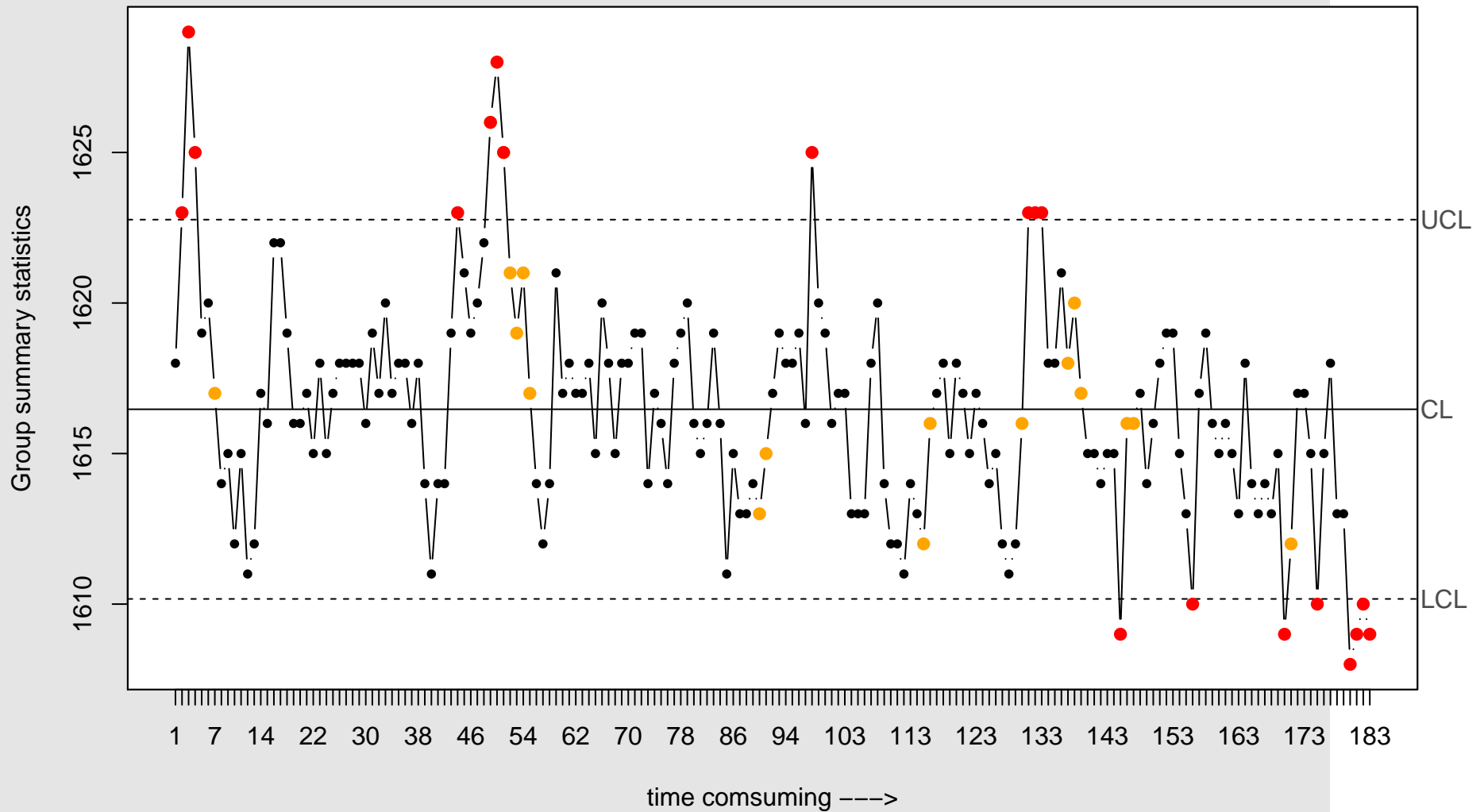
LCL = 1610.035

UCL = 1622.982

Number beyond limits = 19

Number violating runs = 23

### 67th column point of this product



Number of groups = 183

Center = 1616.47

StdDev = 2.099408

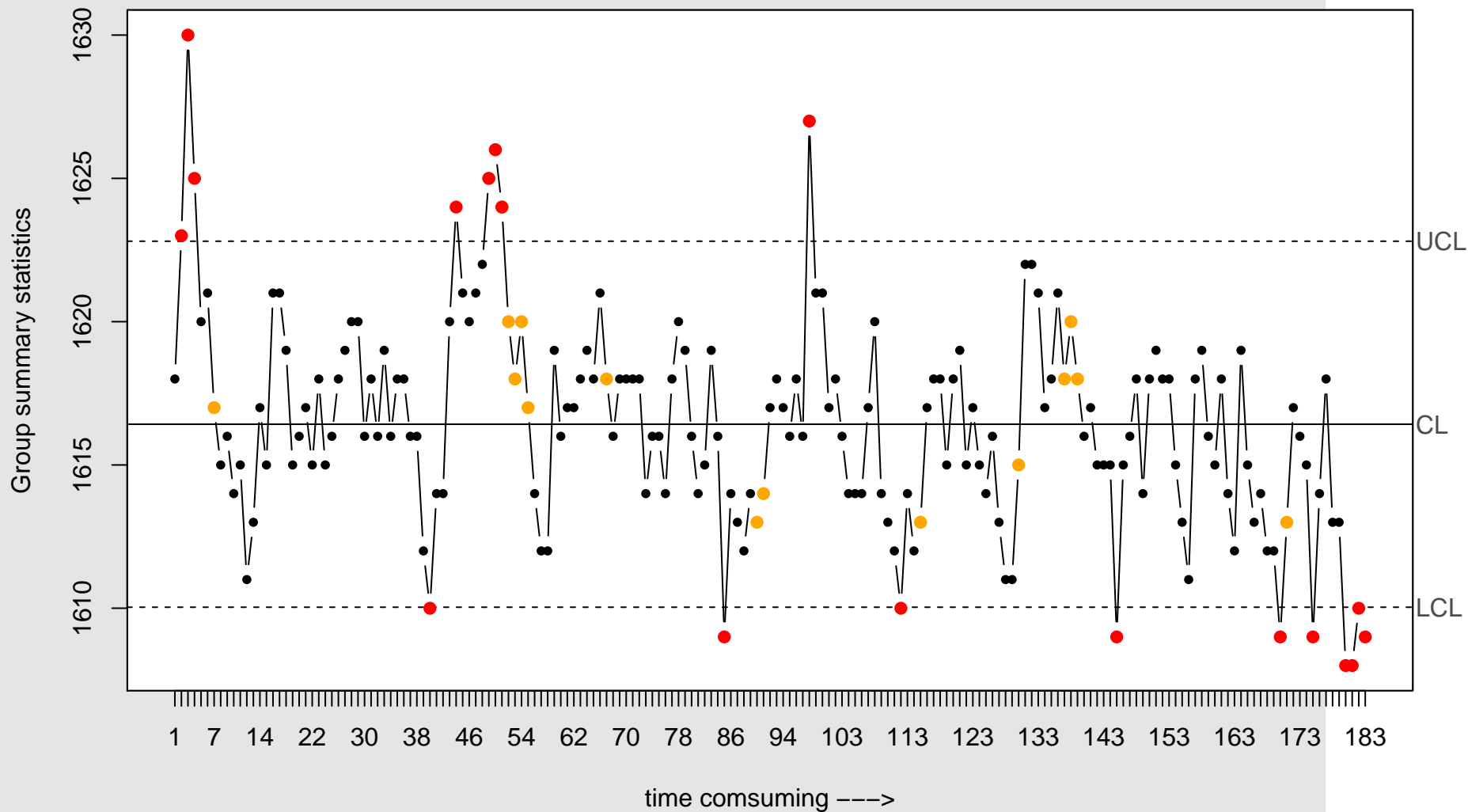
LCL = 1610.172

UCL = 1622.768

Number beyond limits = 19

Number violating runs = 19

# 68th column point of this product



Number of groups = 183

Center = 1616.421

StdDev = 2.128634

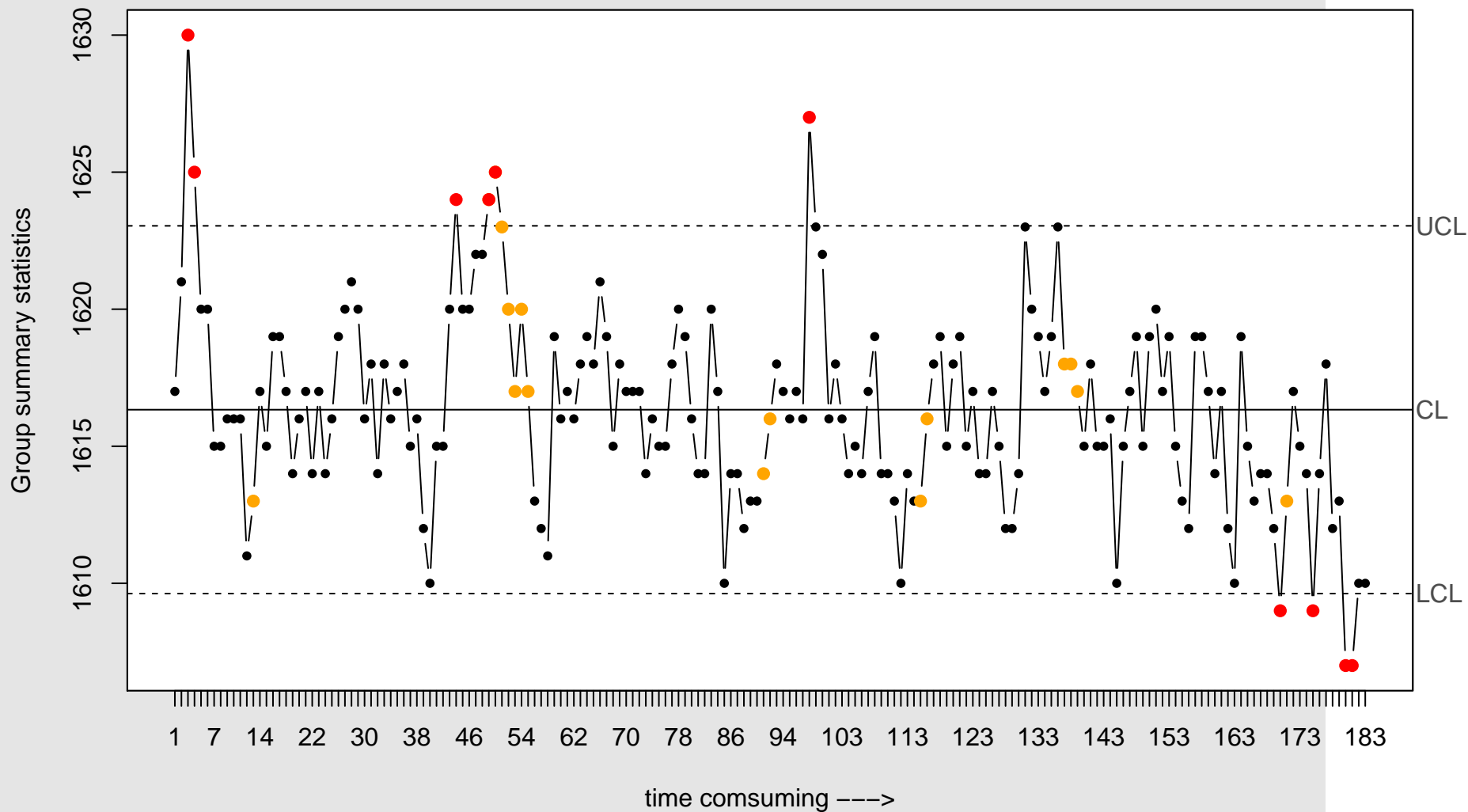
LCL = 1610.035

UCL = 1622.807

Number beyond limits = 18

Number violating runs = 17

# 69th column point of this product



Number of groups = 183

Center = 1616.333

StdDev = 2.235796

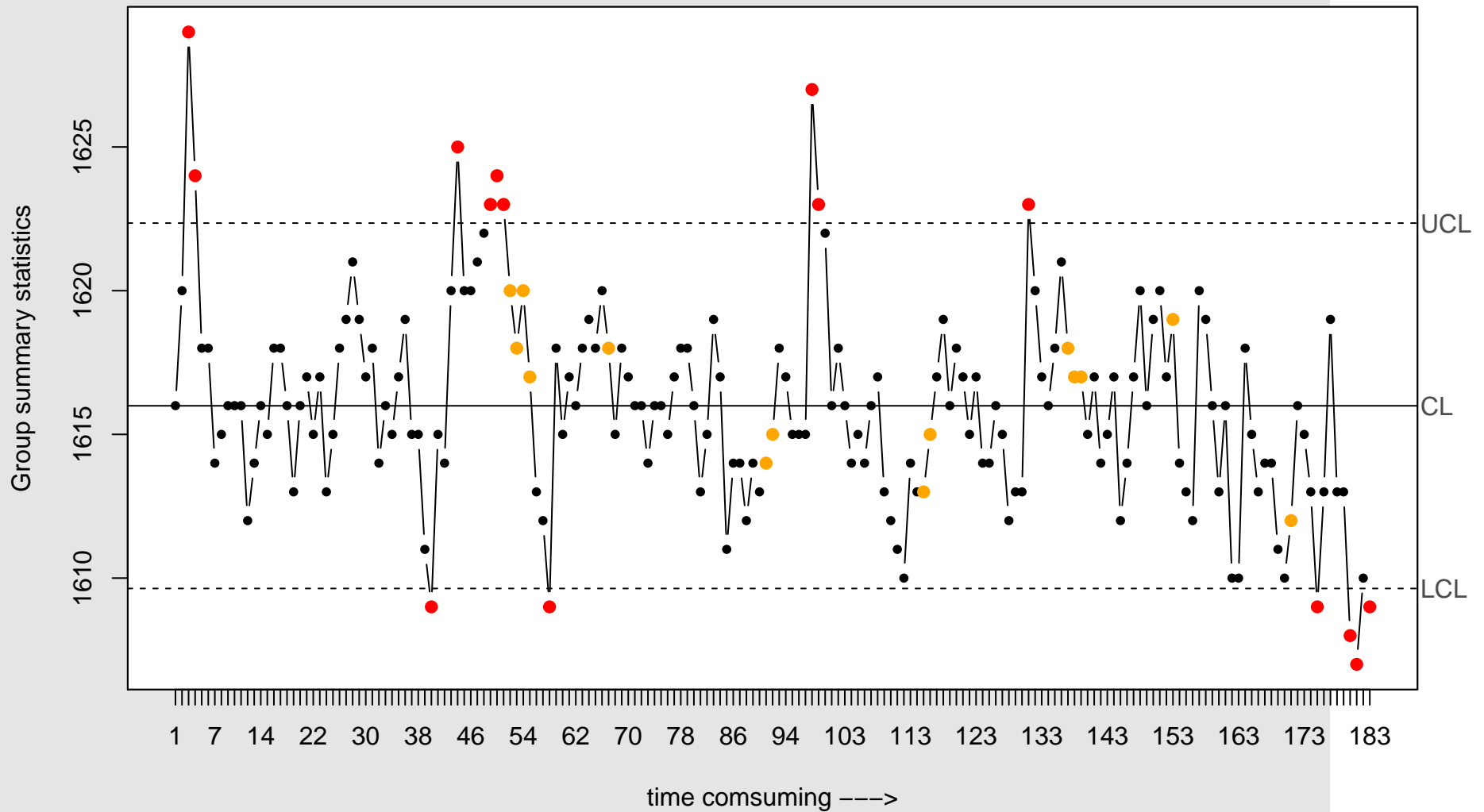
LCL = 1609.626

UCL = 1623.041

Number beyond limits = 10

Number violating runs = 16

# 70th column point of this product



Number of groups = 183

Center = 1615.995

StdDev = 2.118892

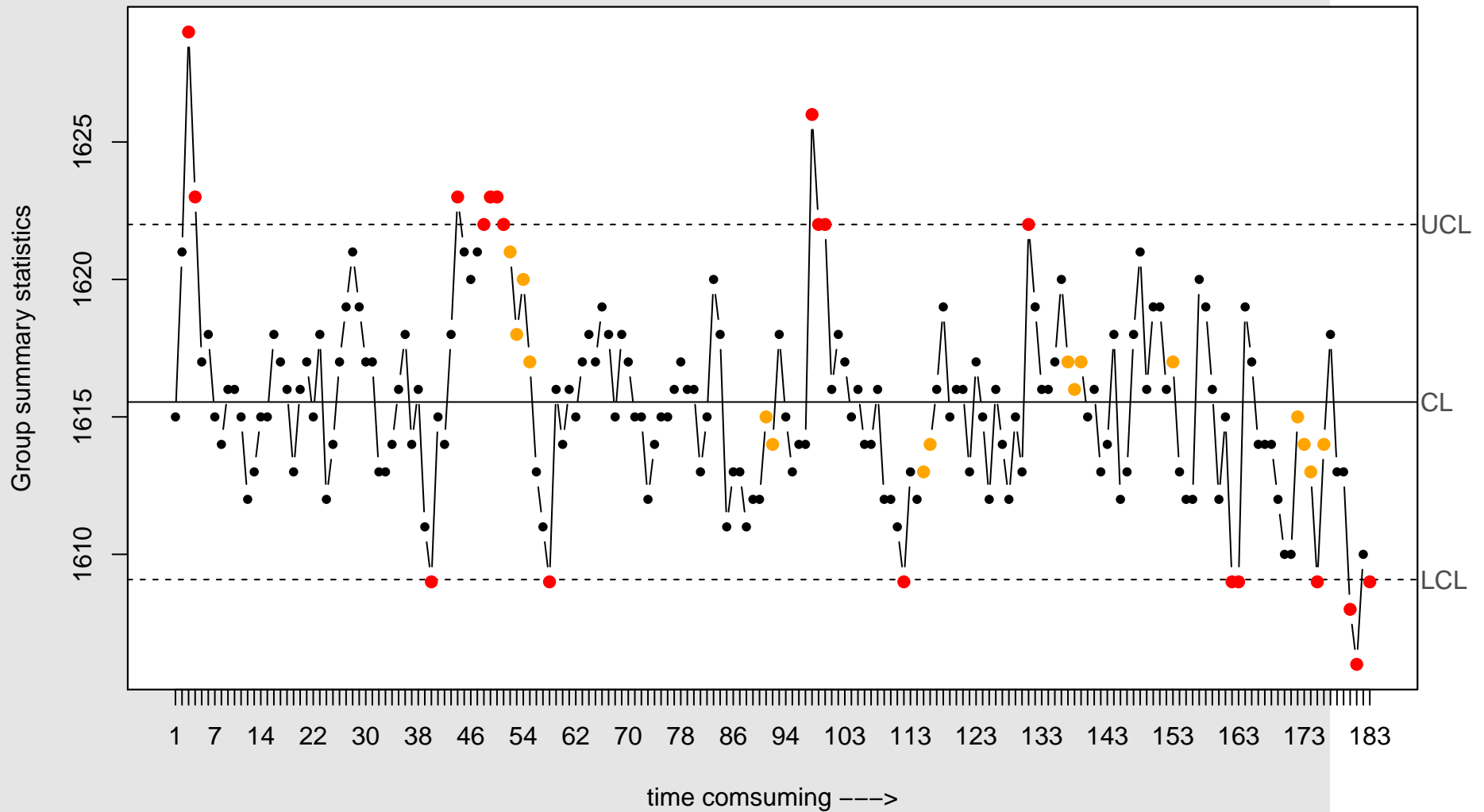
LCL = 1609.638

UCL = 1622.351

Number beyond limits = 15

Number violating runs = 17

### 71th column point of this product



Number of groups = 183

Center = 1615.541

StdDev = 2.152989

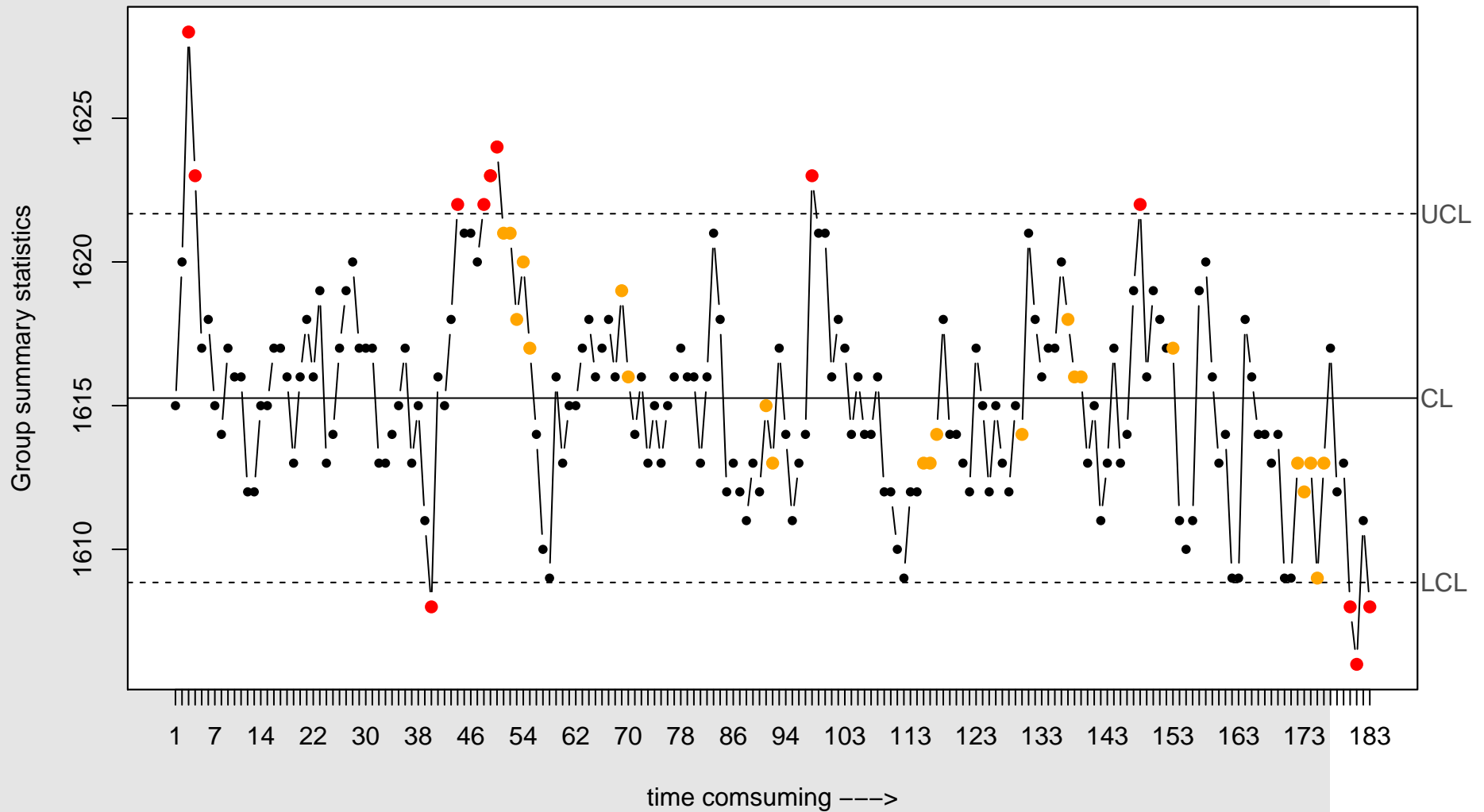
LCL = 1609.082

UCL = 1622

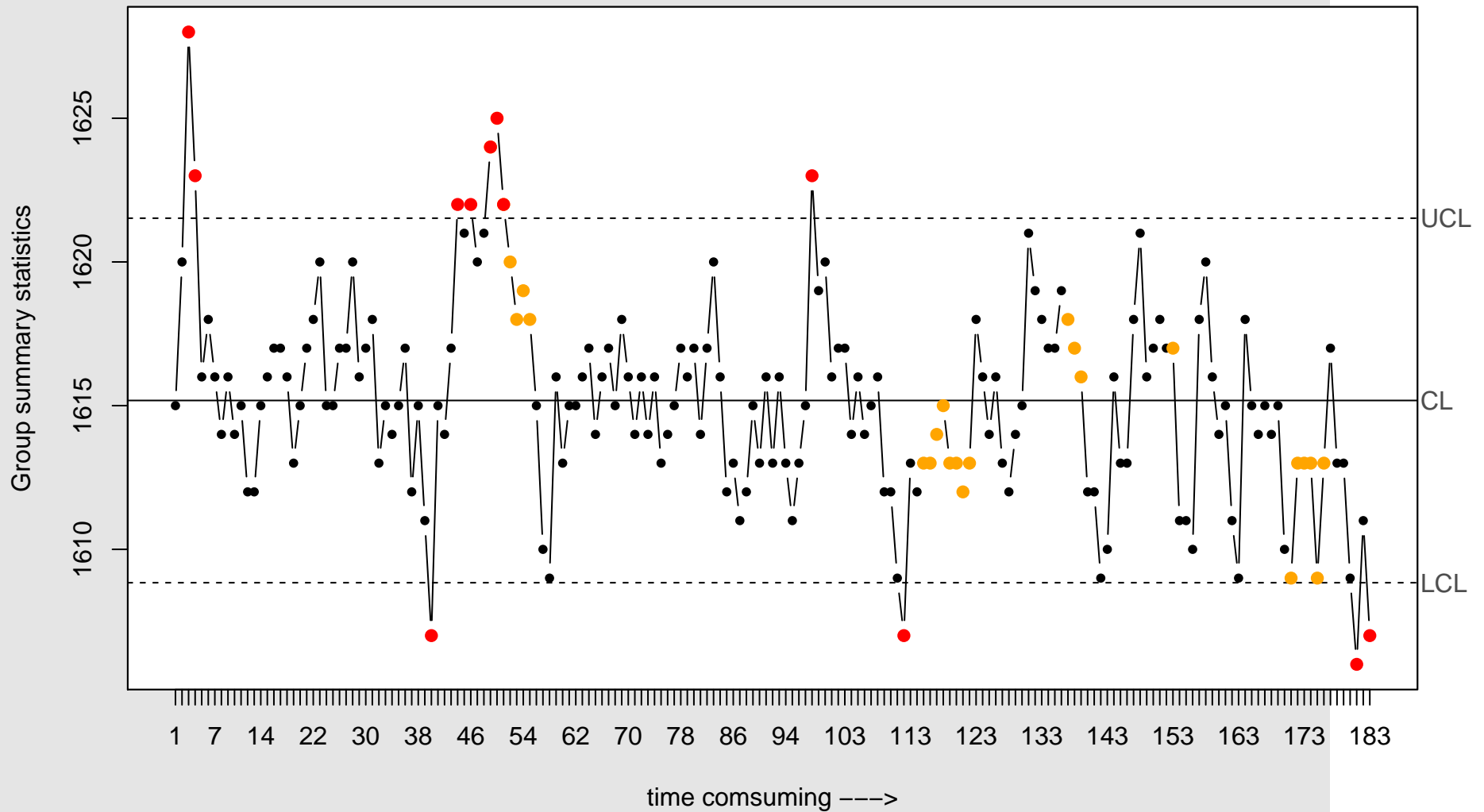
Number beyond limits = 20

Number violating runs = 20

## 72th column point of this product



### 73th column point of this product



Number of groups = 183

Center = 1615.18

StdDev = 2.114021

LCL = 1608.838

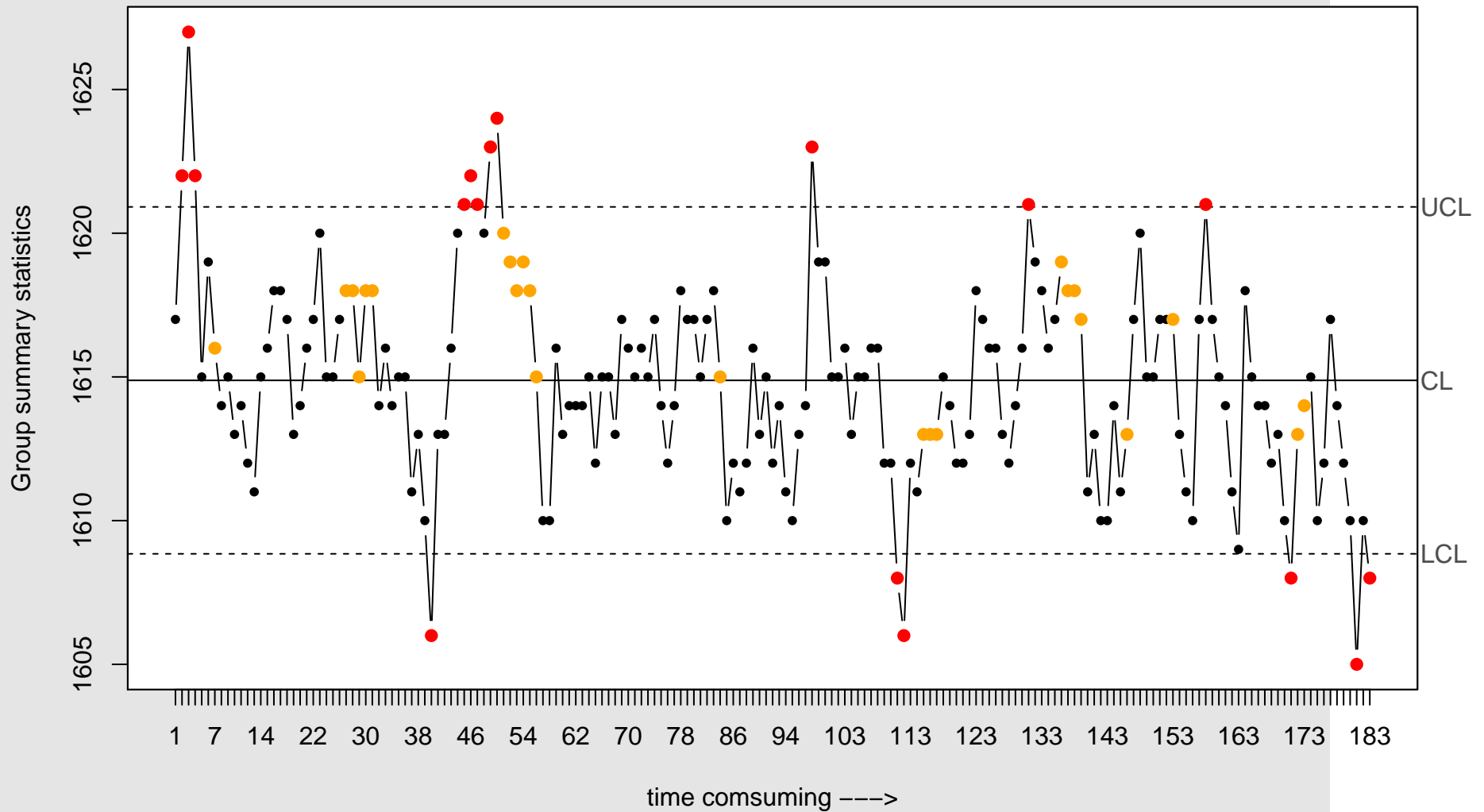
UCL = 1621.522

Number beyond limits = 12

Number violating runs = 25



# 74th column point of this product



Number of groups = 183

Center = 1614.88

StdDev = 2.011729

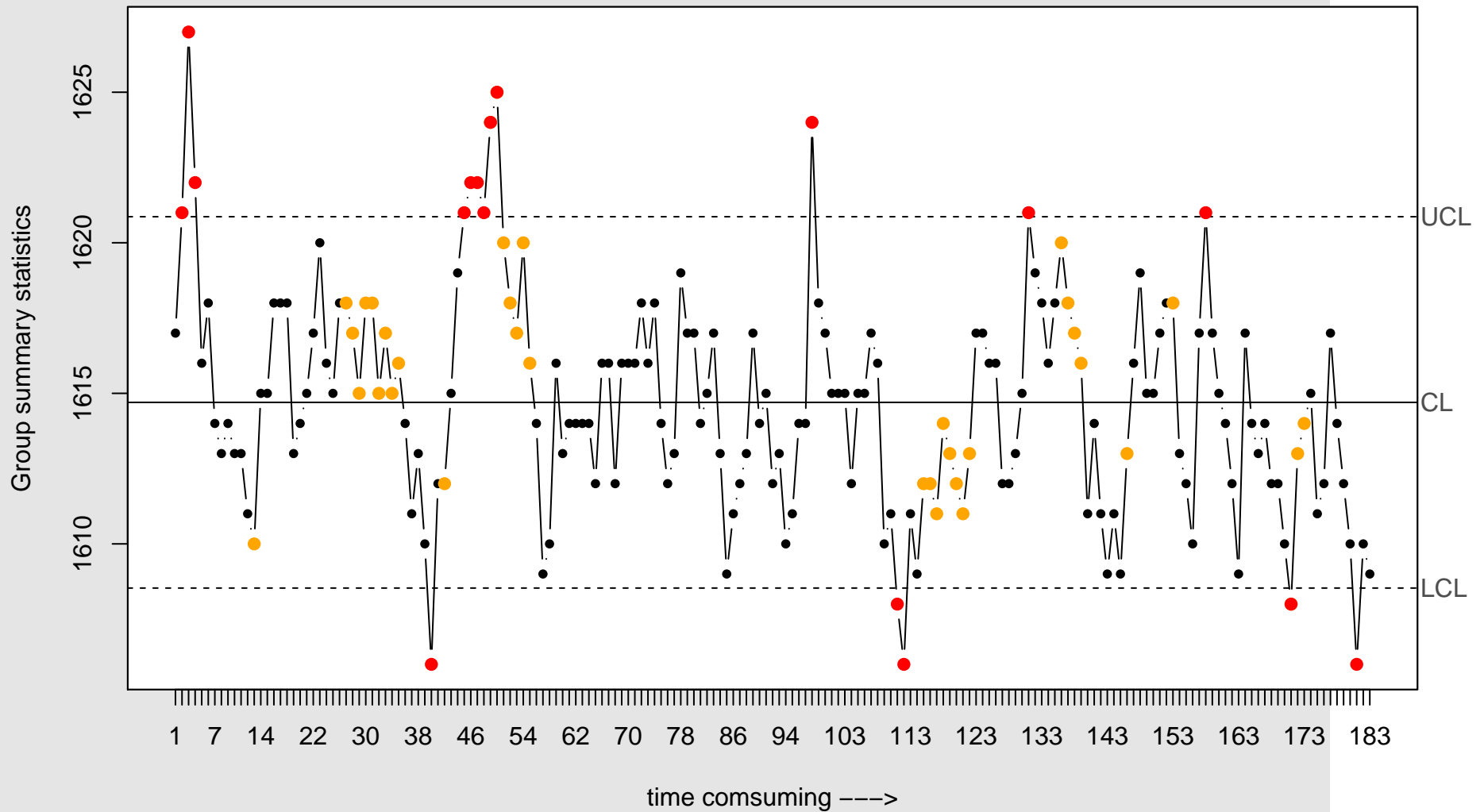
LCL = 1608.845

UCL = 1620.915

Number beyond limits = 17

Number violating runs = 26

### 75th column point of this product



Number of groups = 183

Center = 1614.699

StdDev = 2.055569

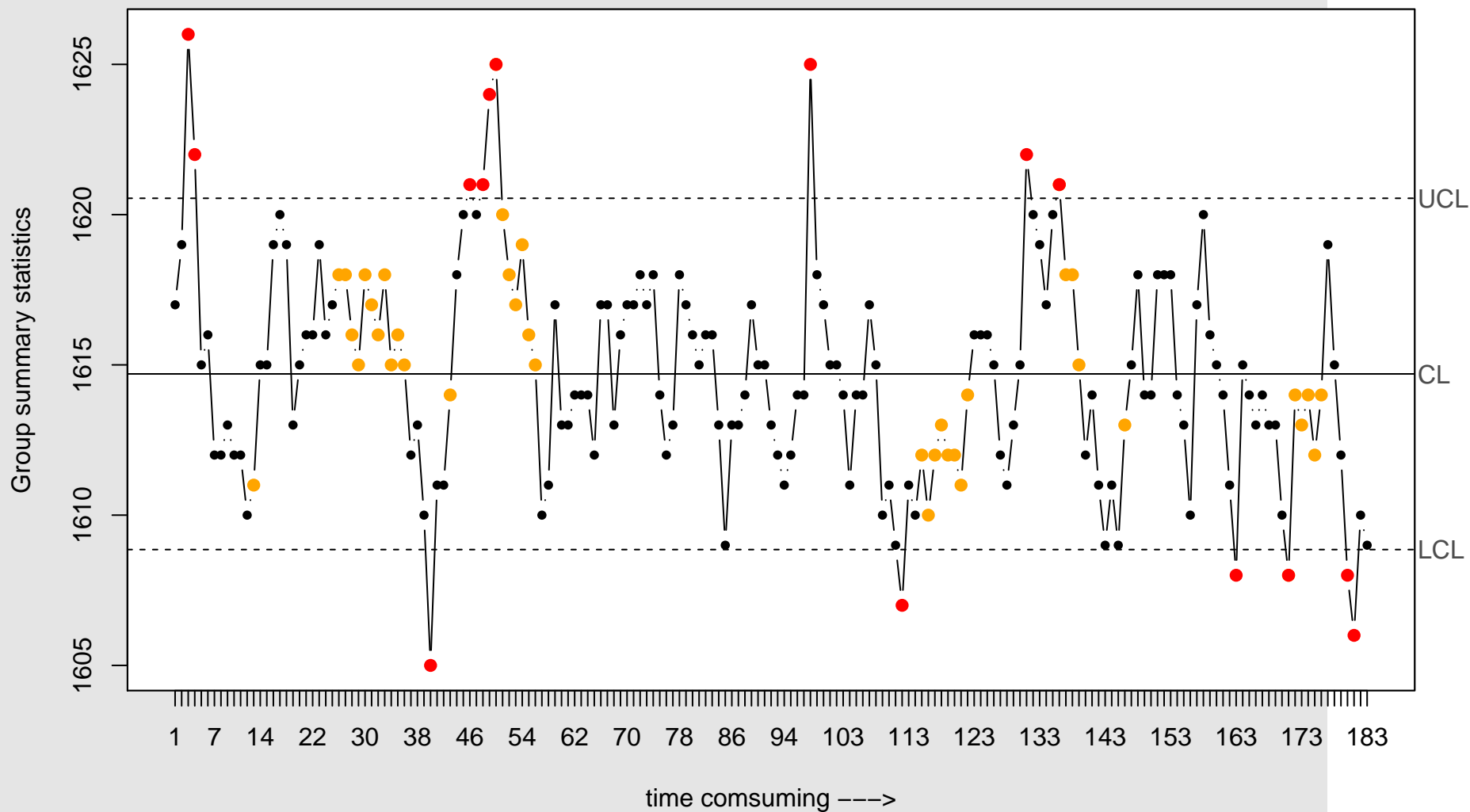
LCL = 1608.533

UCL = 1620.866

Number beyond limits = 17

Number violating runs = 35

# 76th column point of this product



Number of groups = 183

Center = 1614.699

StdDev = 1.948406

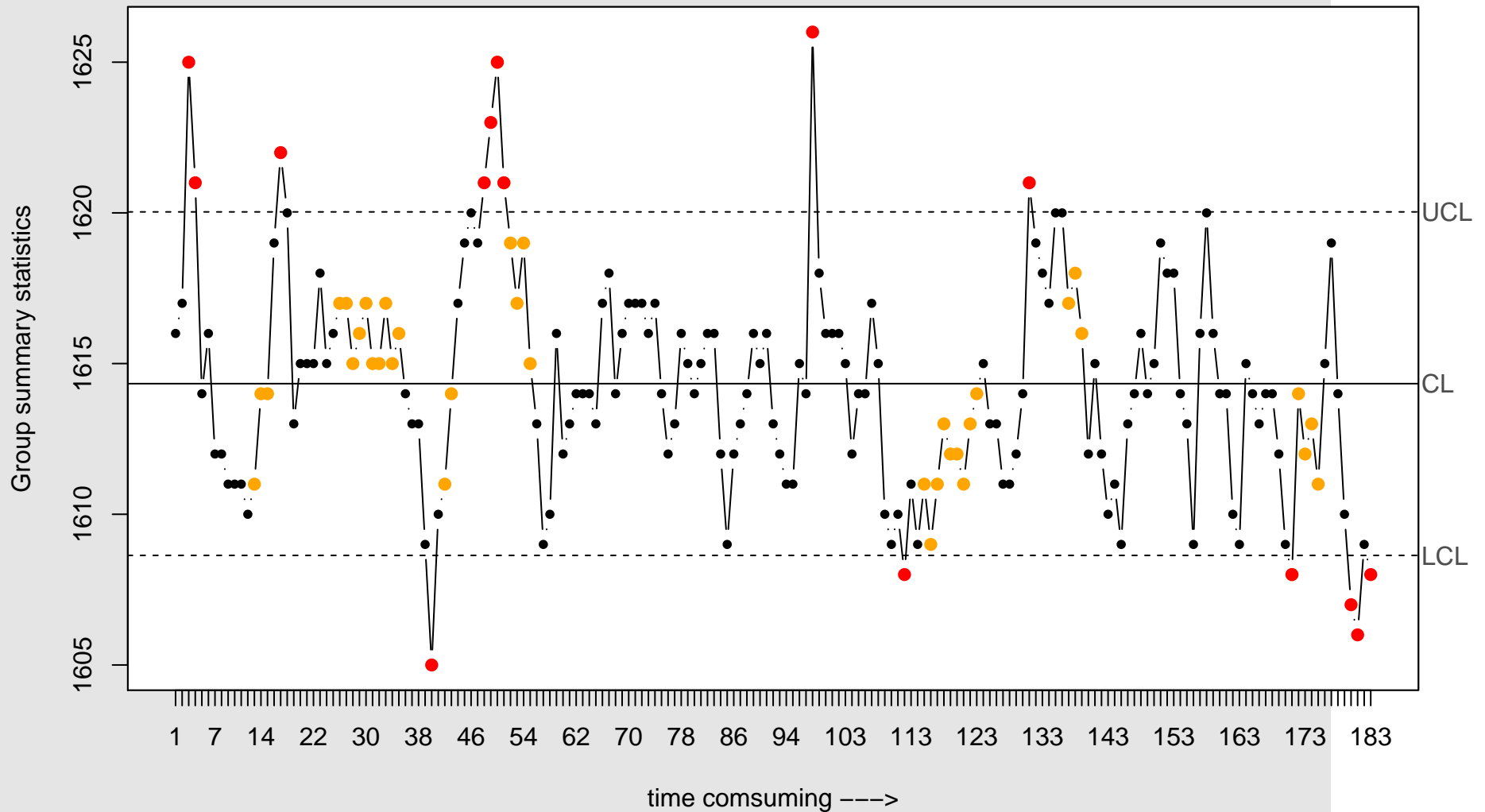
LCL = 1608.854

UCL = 1620.545

Number beyond limits = 15

Number violating runs = 39

### 77th column point of this product



Number of groups = 183

Center = 1614.333

StdDev = 1.899696

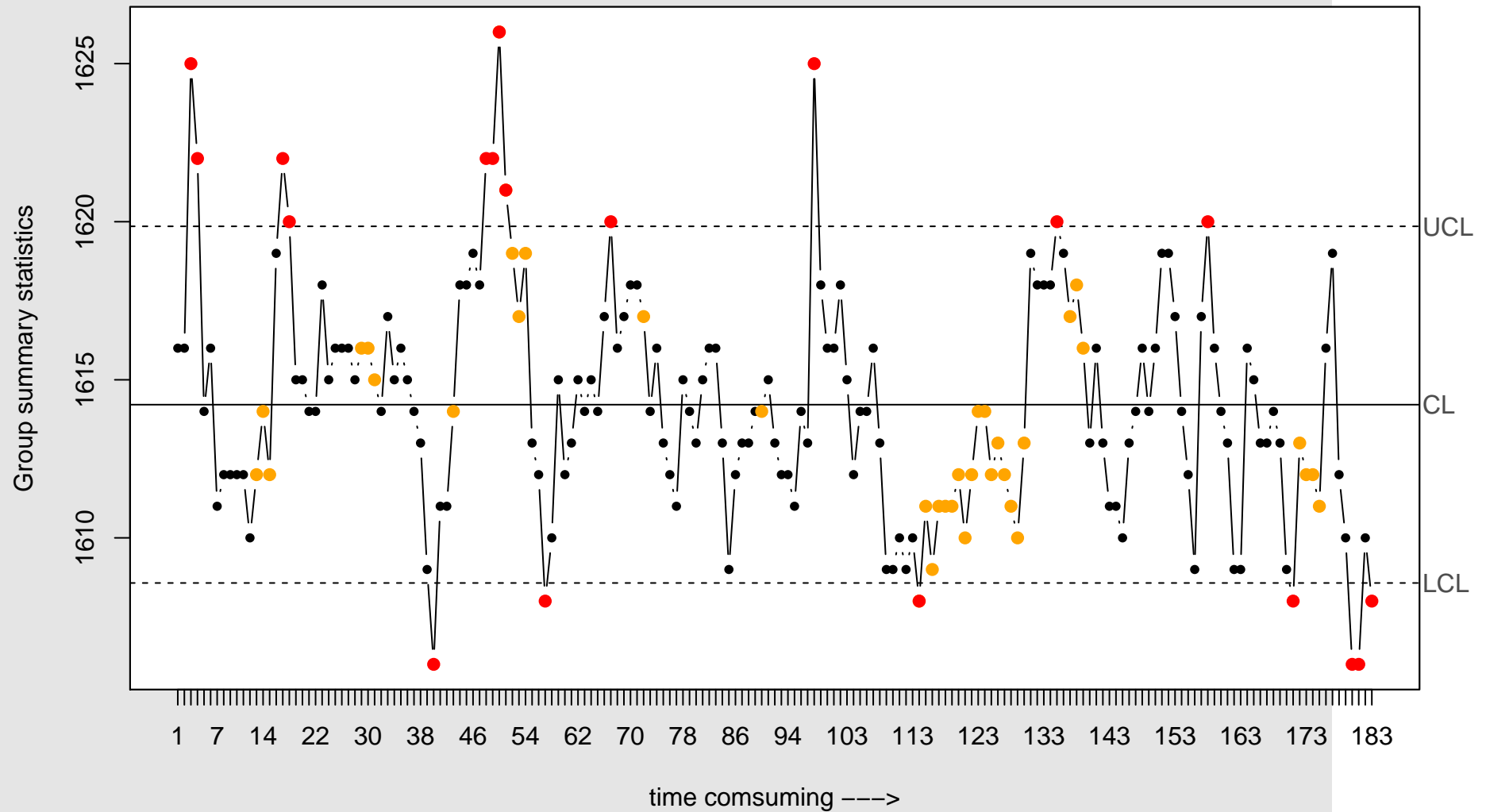
LCL = 1608.634

UCL = 1620.032

Number beyond limits = 15

Number violating runs = 38

### 78th column point of this product



Number of groups = 183

Center = 1614.213

StdDev = 1.880212

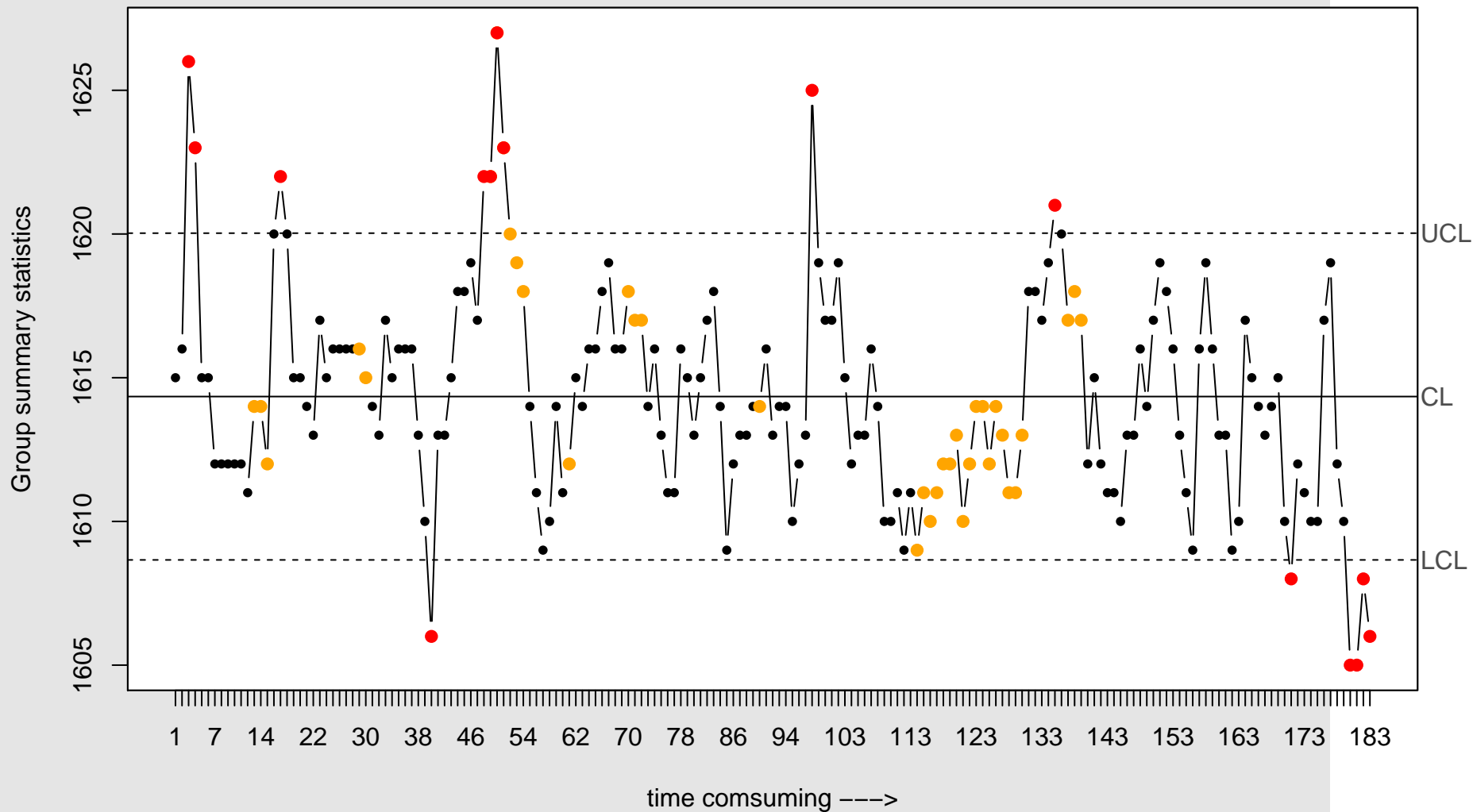
LCL = 1608.572

UCL = 1619.854

Number beyond limits = 19

Number violating runs = 38

# 79th column point of this product



Number of groups = 183

Center = 1614.344

StdDev = 1.894825

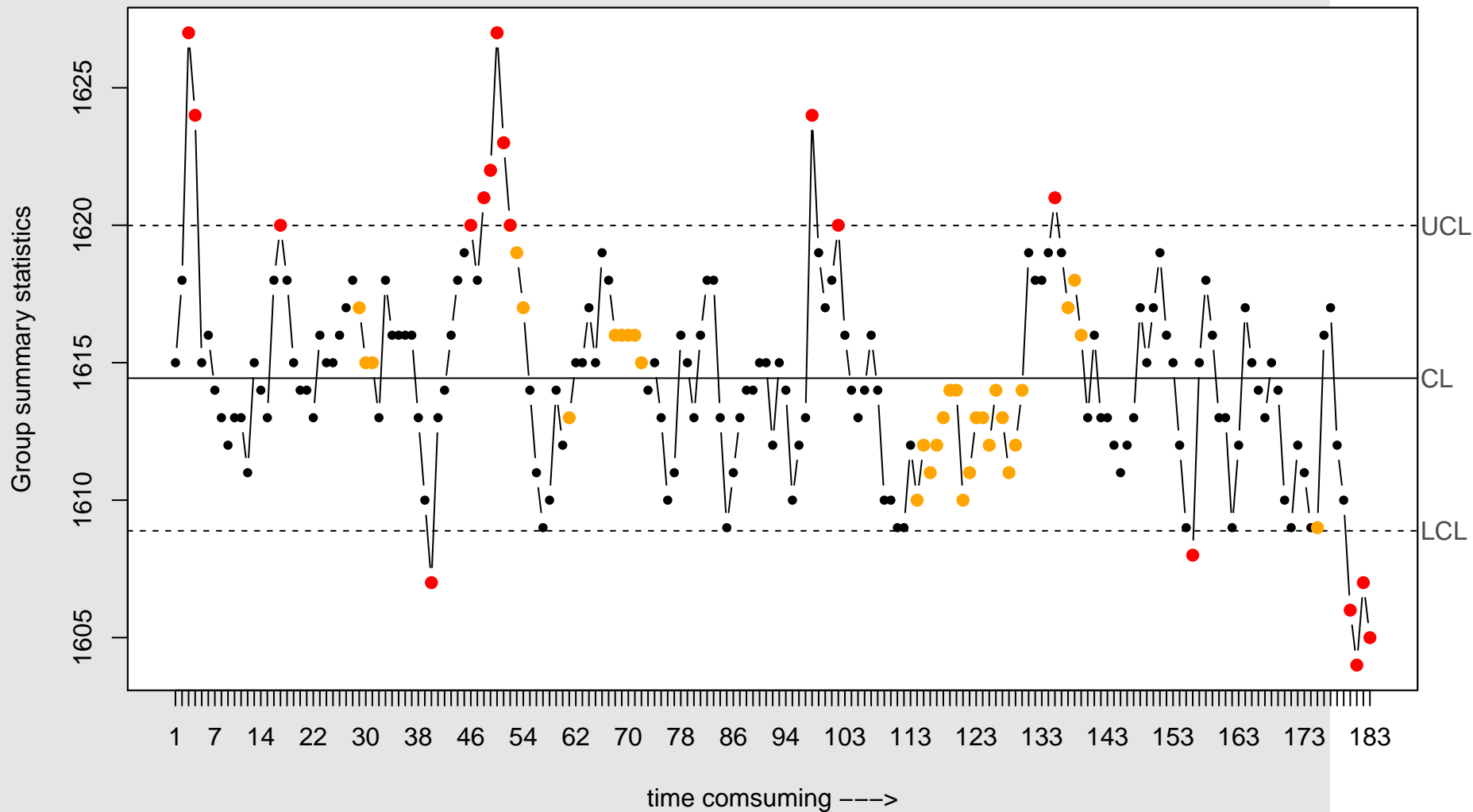
LCL = 1608.66

UCL = 1620.029

Number beyond limits = 15

Number violating runs = 36

# 80th column point of this product



Number of groups = 183

Center = 1614.437

StdDev = 1.850986

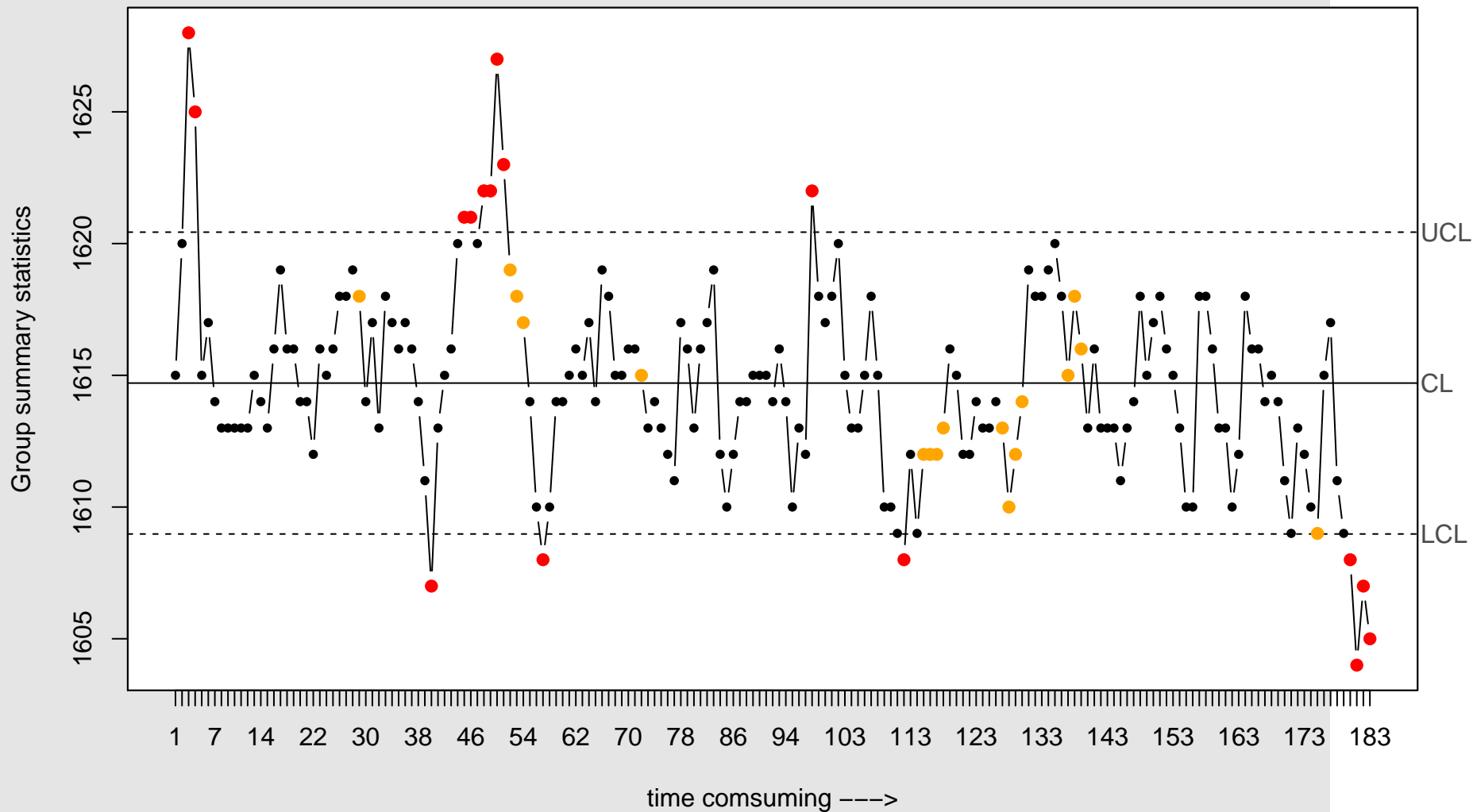
LCL = 1608.884

UCL = 1619.99

Number beyond limits = 18

Number violating runs = 36

# 81th column point of this product



Number of groups = 183

Center = 1614.705

StdDev = 1.909438

LCL = 1608.977

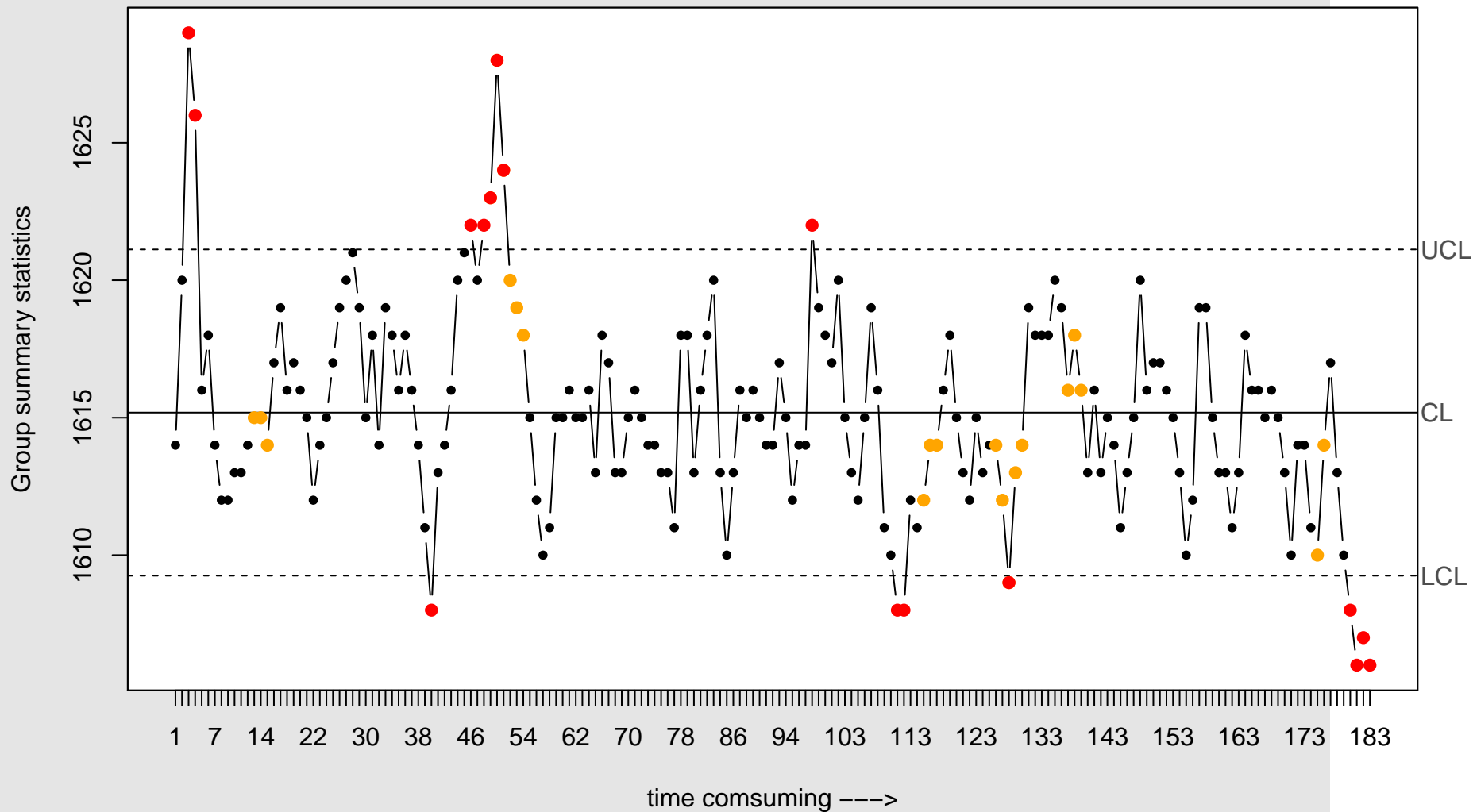
UCL = 1620.433

Number beyond limits = 16

Number violating runs = 21



### 82th column point of this product



Number of groups = 183

Center = 1615.186

StdDev = 1.977632

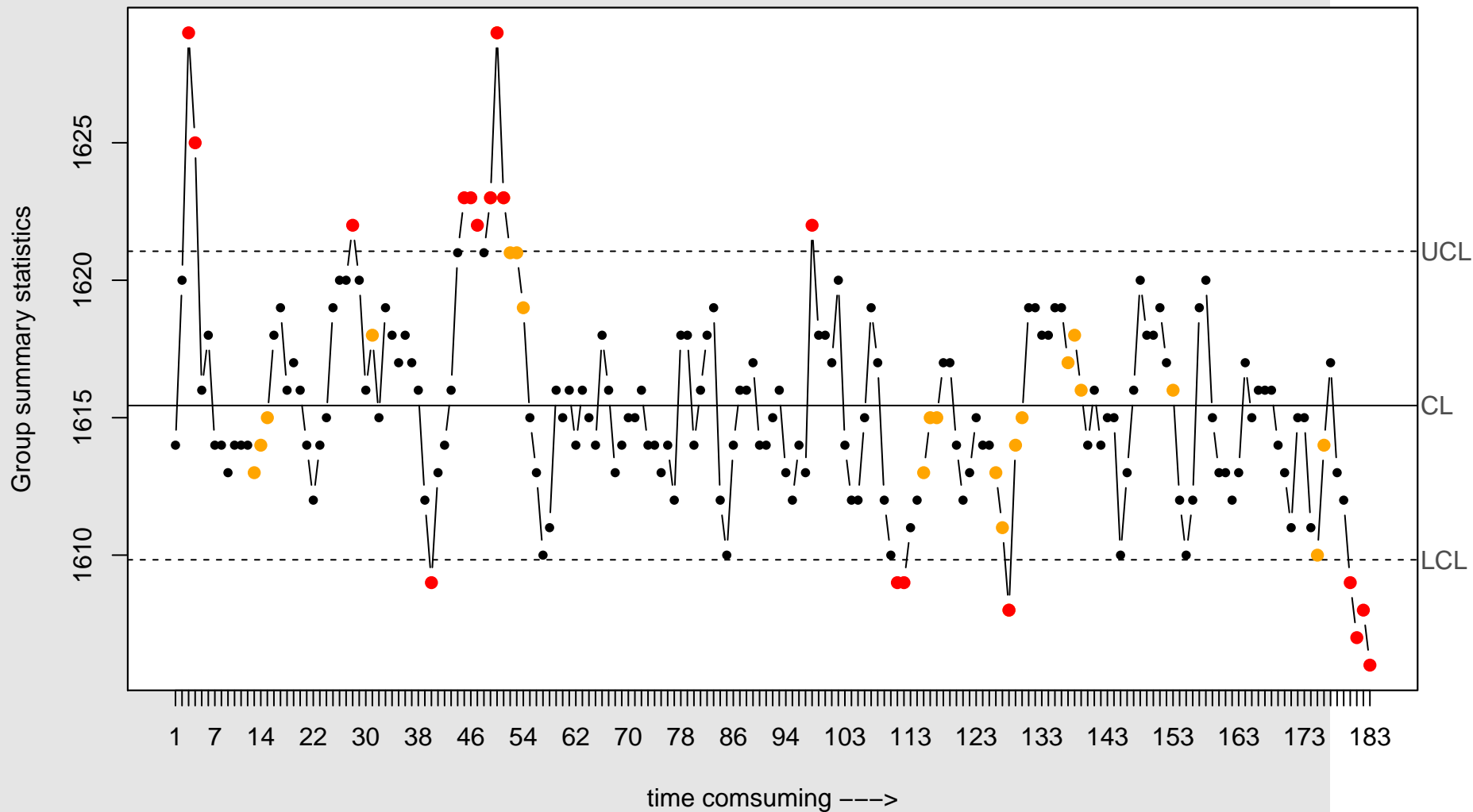
LCL = 1609.253

UCL = 1621.119

Number beyond limits = 16

Number violating runs = 22

### 83th column point of this product



Number of groups = 183

Center = 1615.443

StdDev = 1.87047

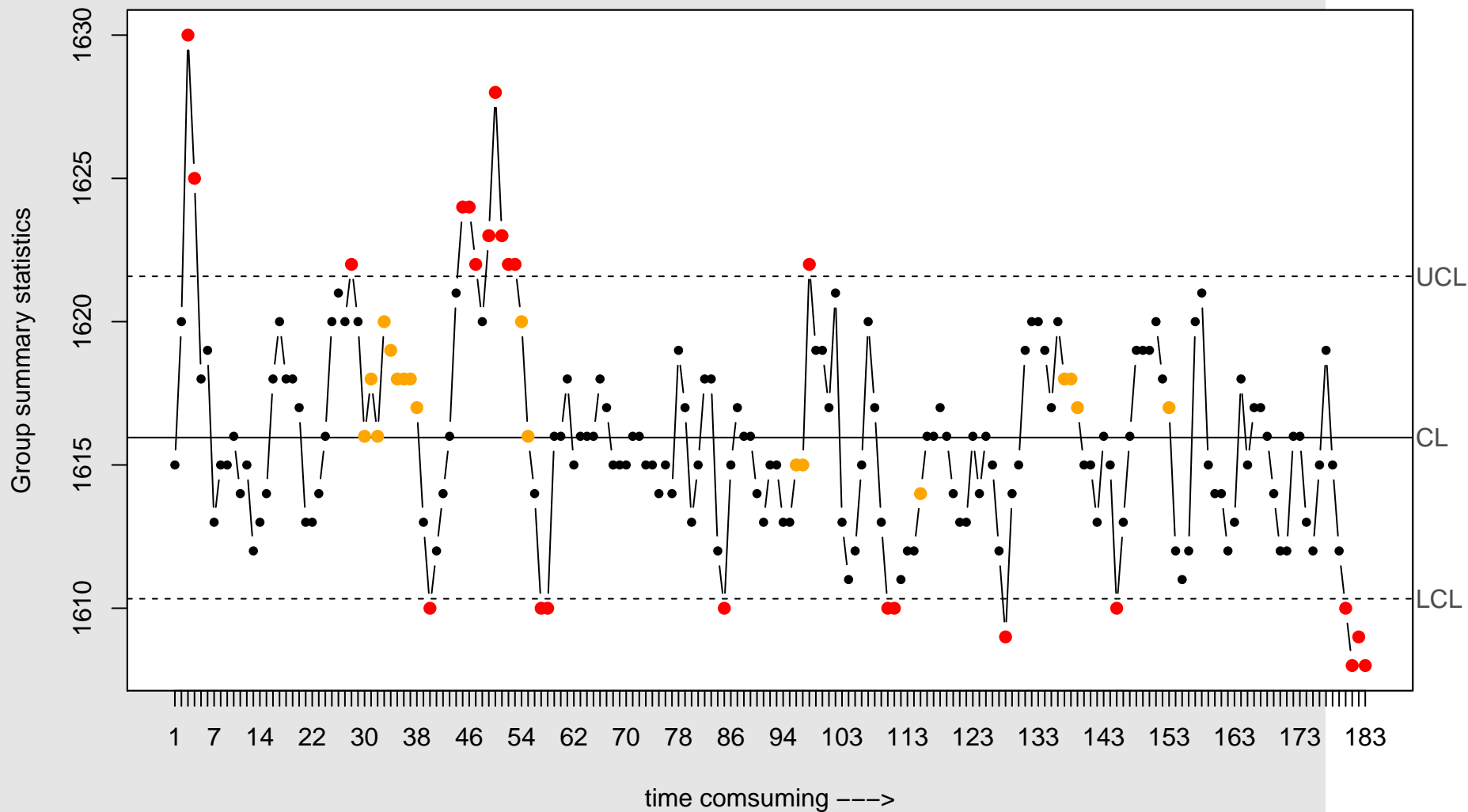
LCL = 1609.831

UCL = 1621.054

Number beyond limits = 18

Number violating runs = 24

# 84th column point of this product



Number of groups = 183

Center = 1615.956

StdDev = 1.875341

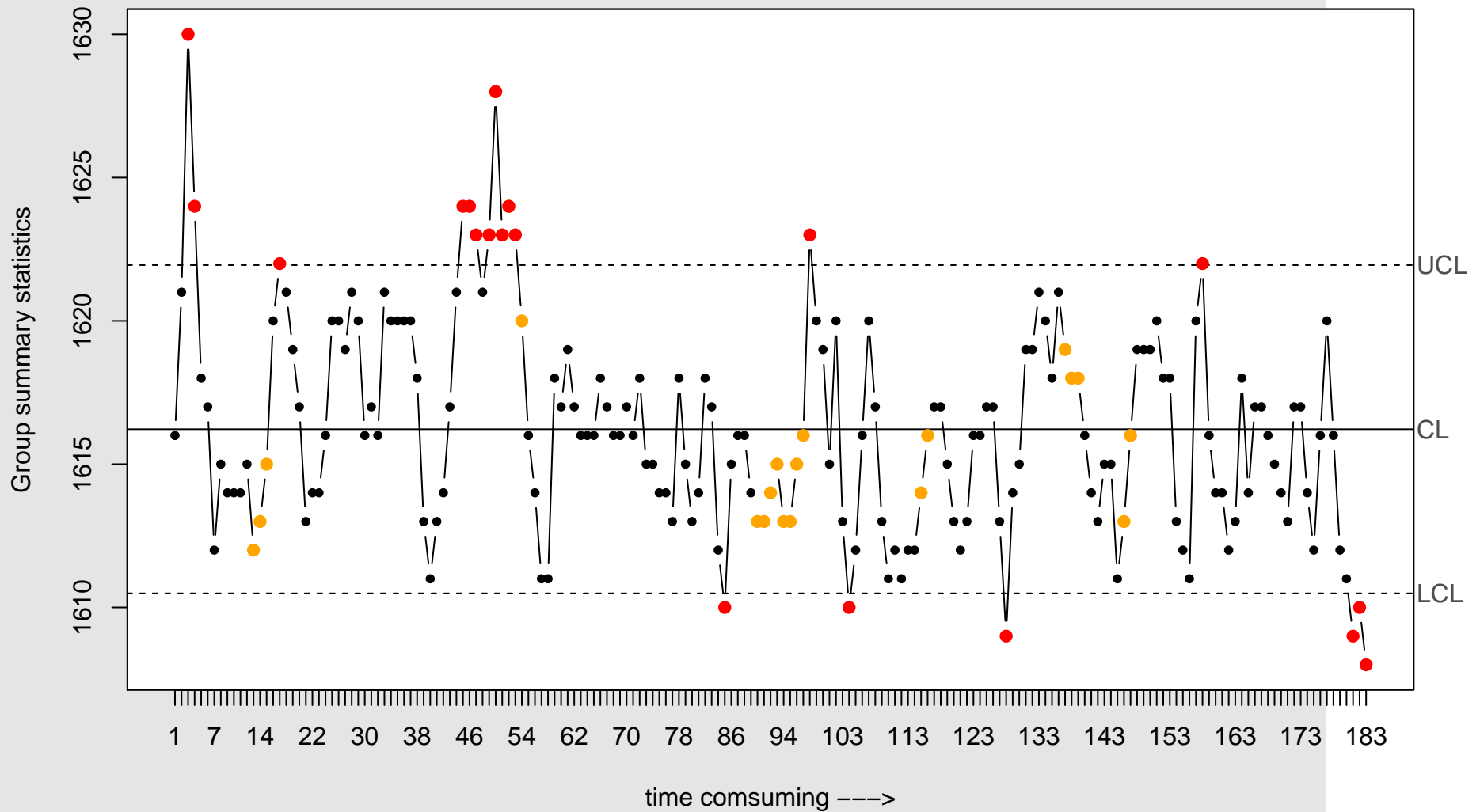
LCL = 1610.33

UCL = 1621.582

Number beyond limits = 24

Number violating runs = 23

# 85th column point of this product



Number of groups = 183

Center = 1616.219

StdDev = 1.909438

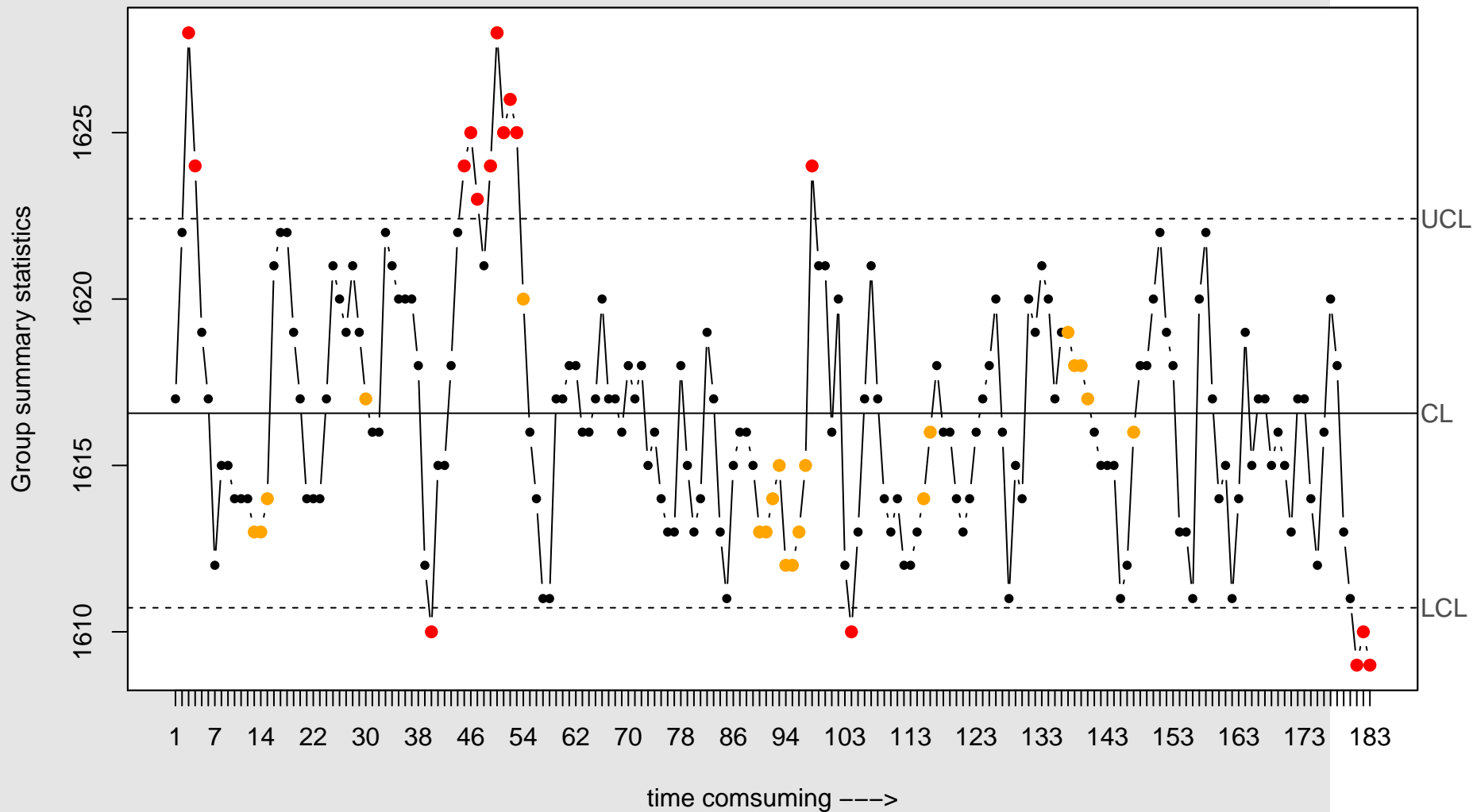
LCL = 1610.49

UCL = 1621.947

Number beyond limits = 19

Number violating runs = 24

# 86th column point of this product



Number of groups = 183

Center = 1616.568

StdDev = 1.948406

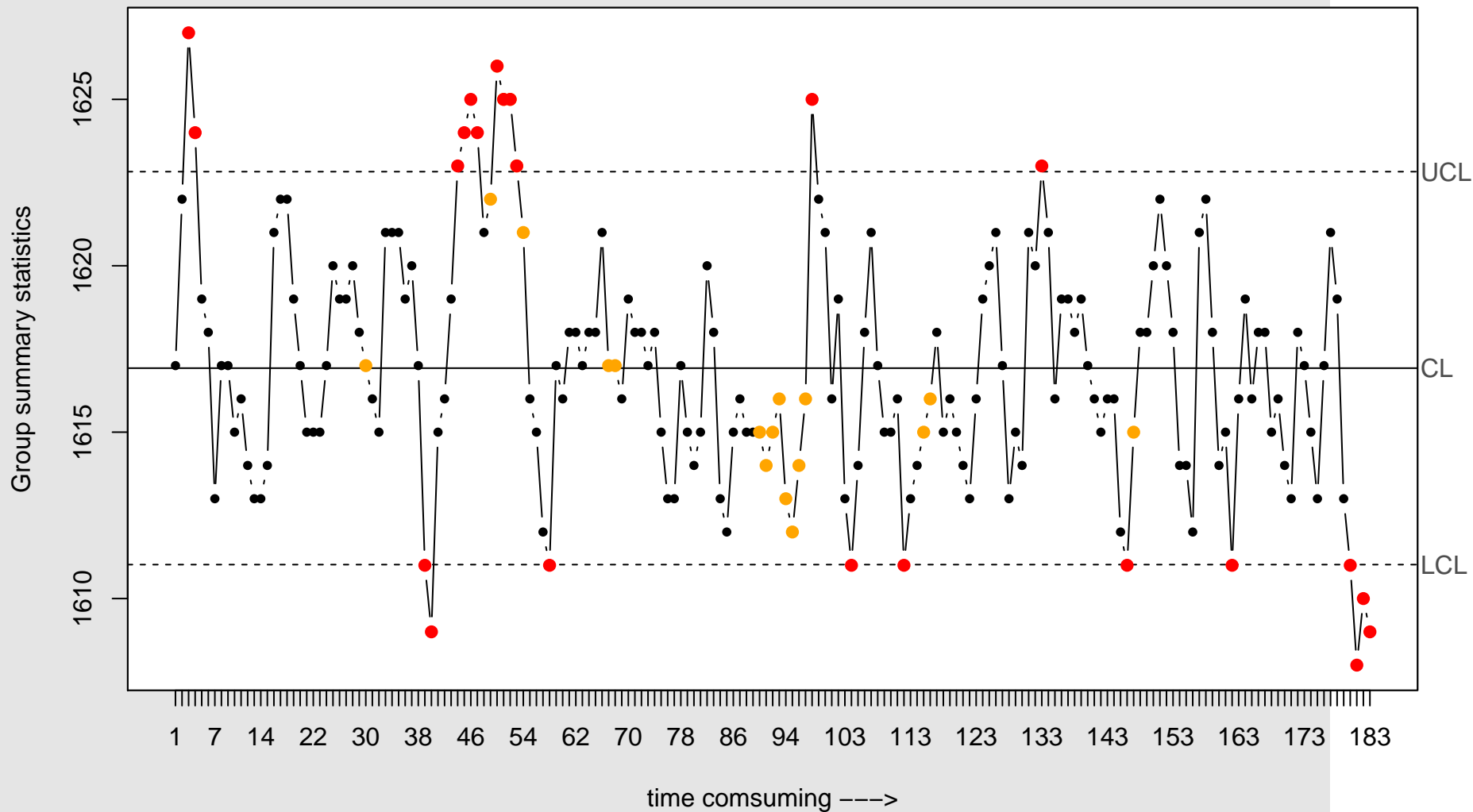
LCL = 1610.723

UCL = 1622.414

Number beyond limits = 16

Number violating runs = 25

# 87th column point of this product



Number of groups = 183

Center = 1616.923

StdDev = 1.96789

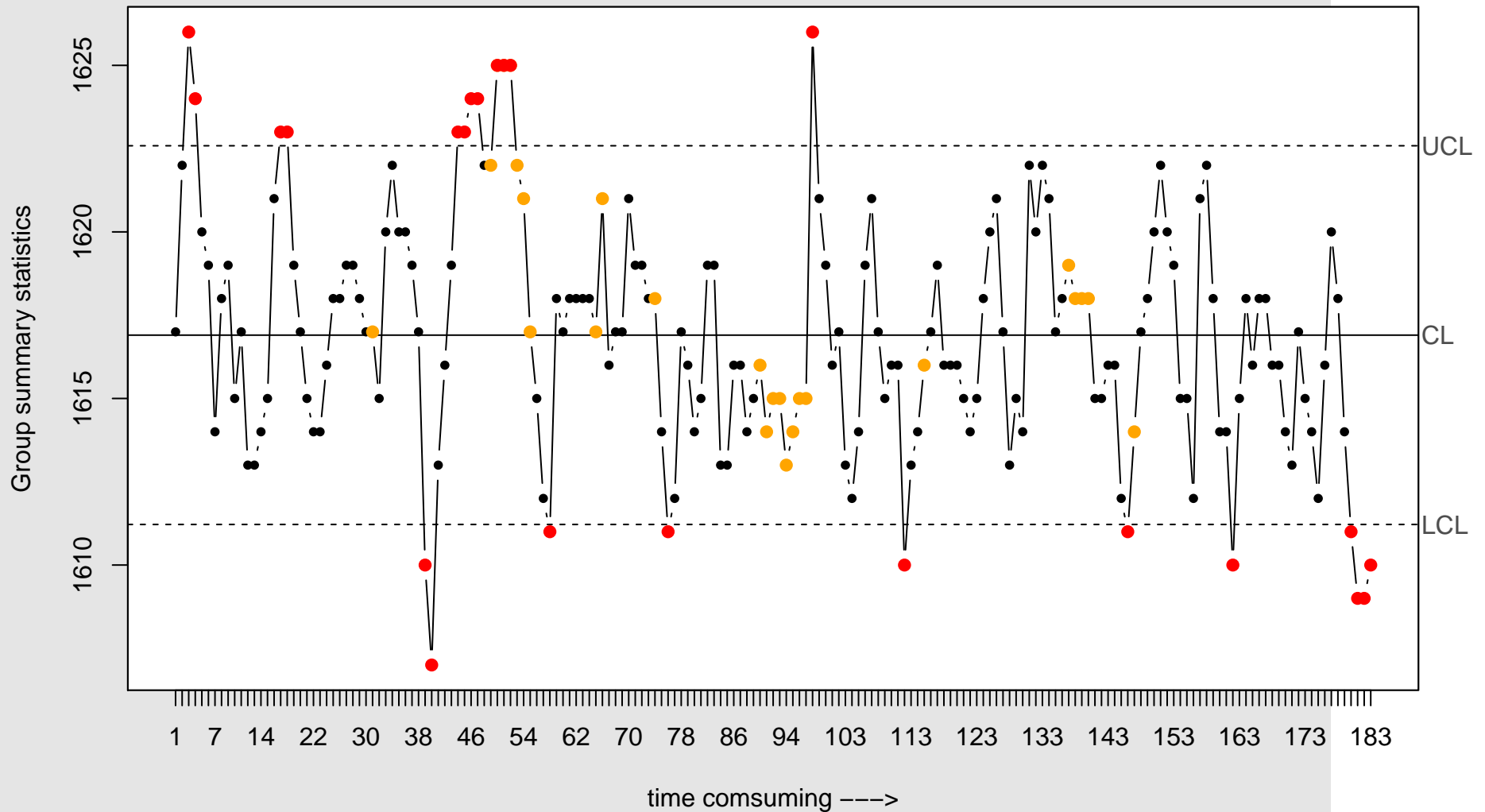
LCL = 1611.02

UCL = 1622.827

Number beyond limits = 23

Number violating runs = 20

# 88th column point of this product

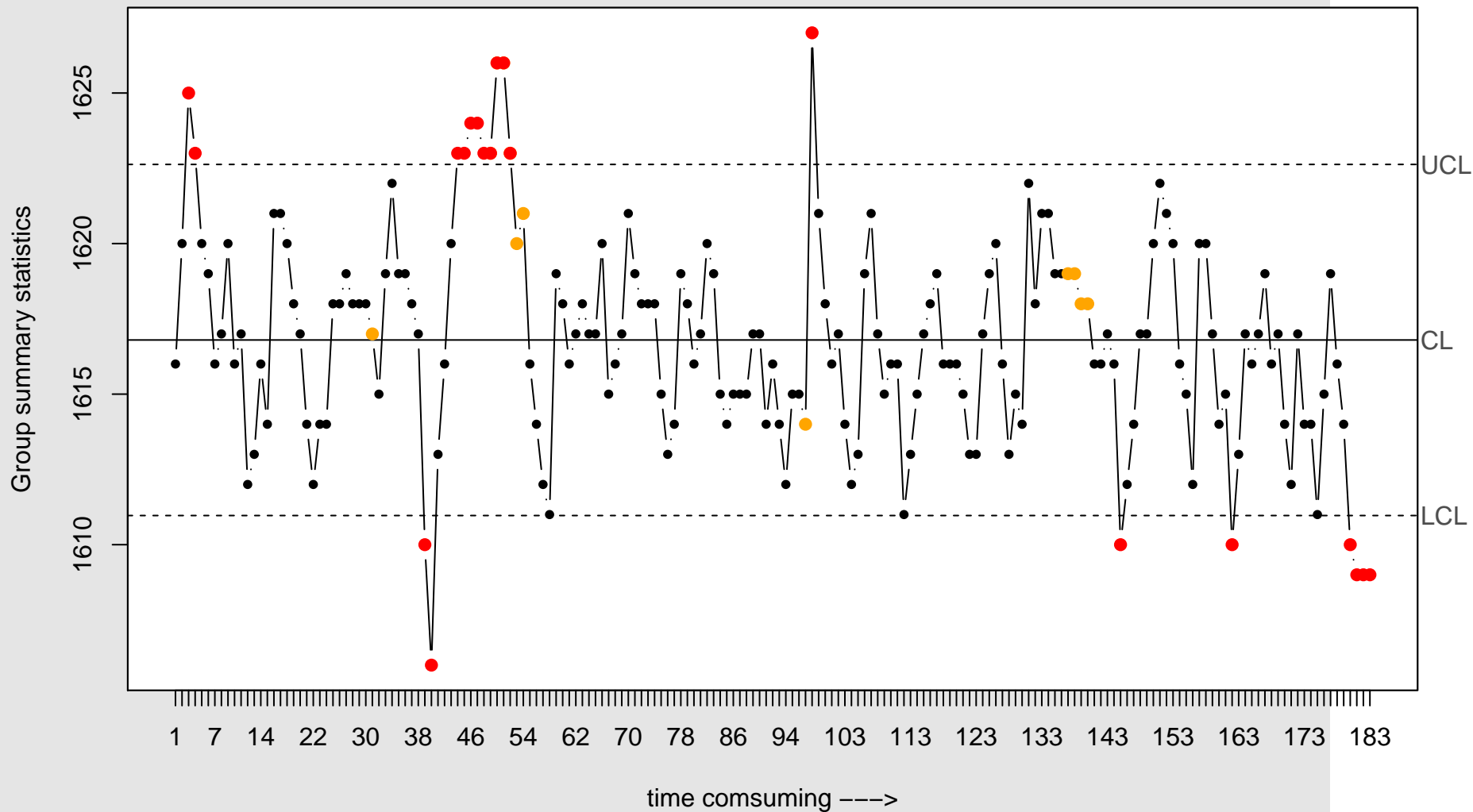


Number of groups = 183  
 Center = 1616.902  
 StdDev = 1.894825

LCL = 1611.217  
 UCL = 1622.586

Number beyond limits = 23  
 Number violating runs = 25

# 89th column point of this product



Number of groups = 183

Center = 1616.798

StdDev = 1.943535

LCL = 1610.967

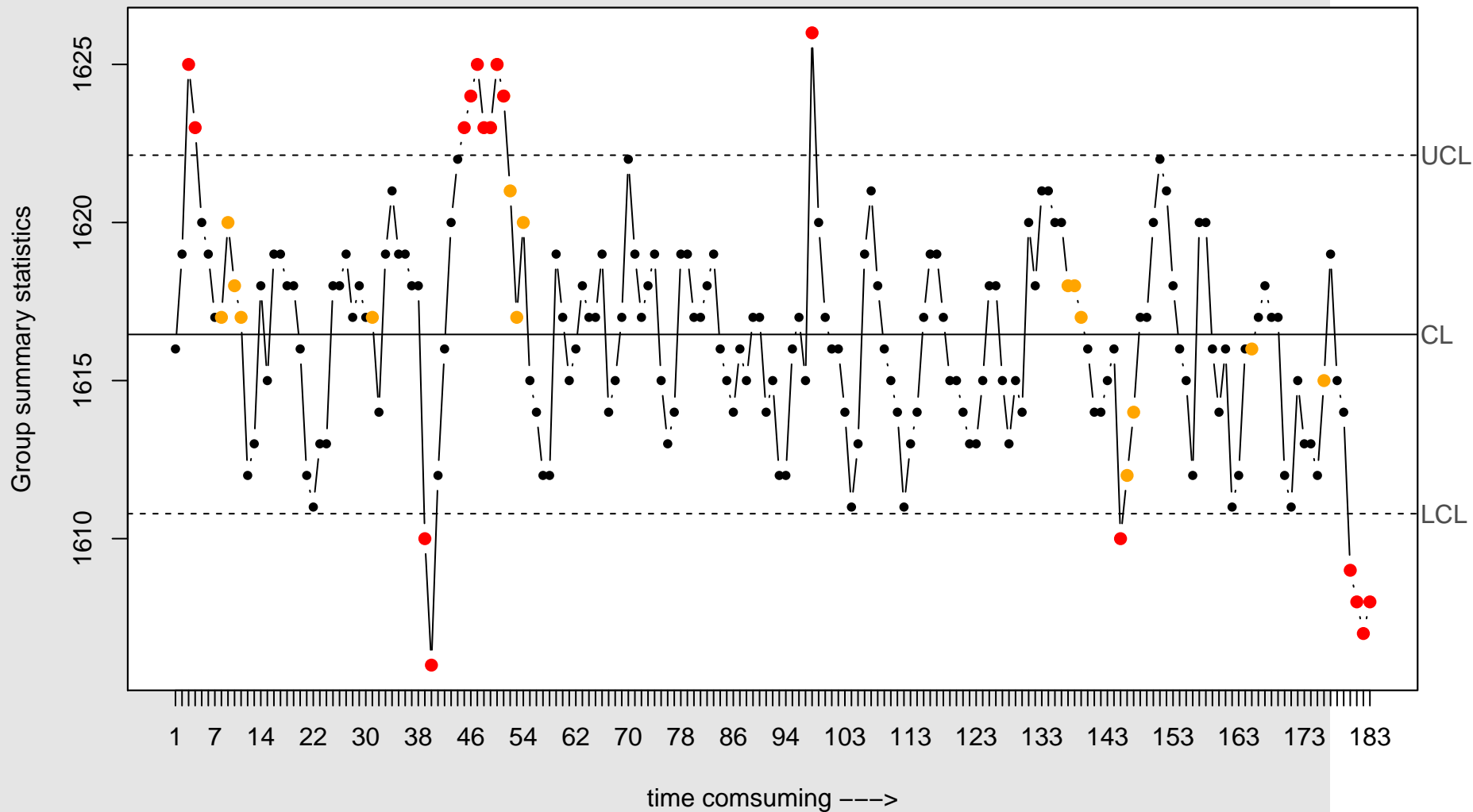
UCL = 1622.628

Number beyond limits = 20

Number violating runs = 12



# 90th column point of this product



Number of groups = 183

Center = 1616.459

StdDev = 1.889954

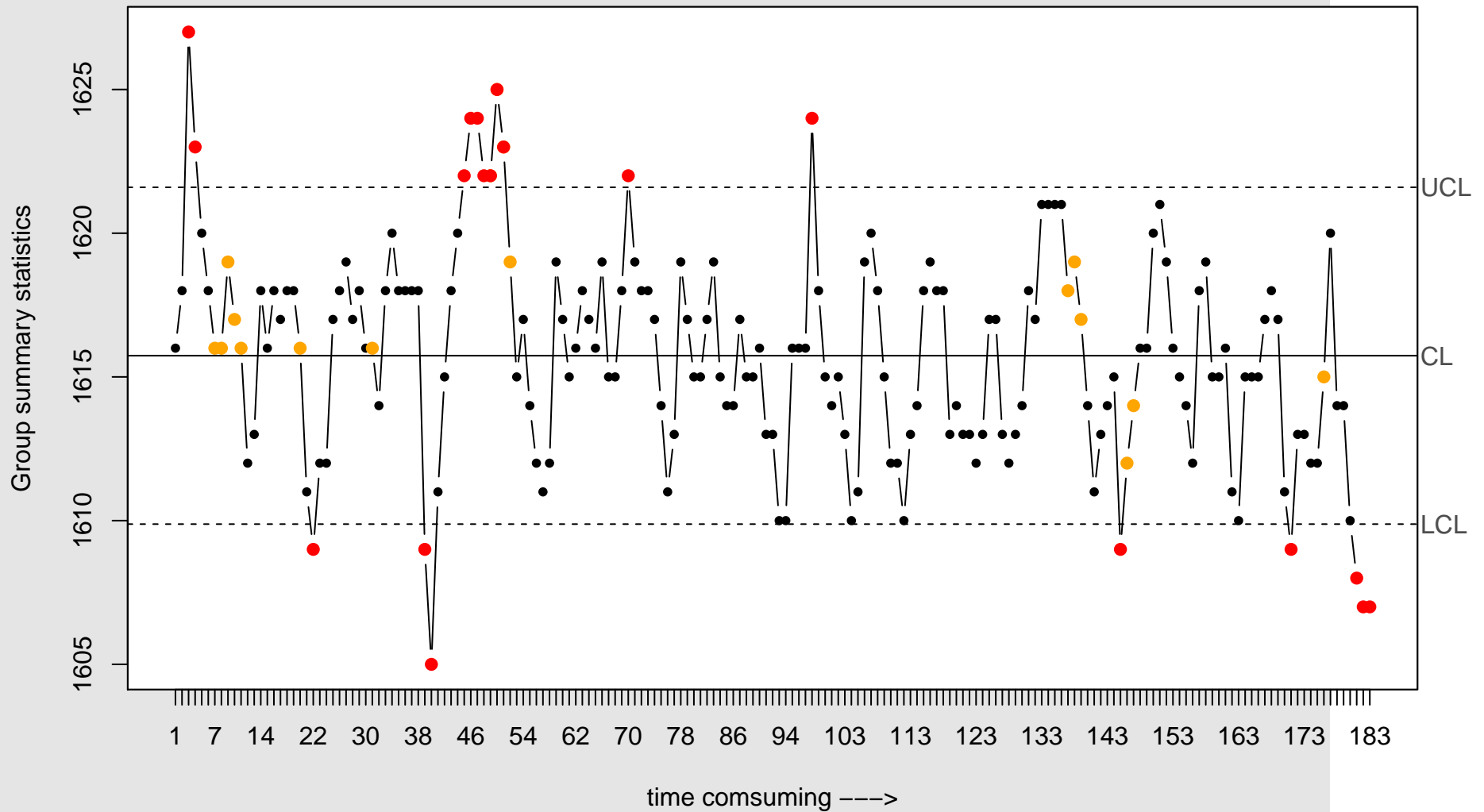
LCL = 1610.789

UCL = 1622.129

Number beyond limits = 17

Number violating runs = 18

# 91th column point of this product



Number of groups = 183

Center = 1615.738

StdDev = 1.953277

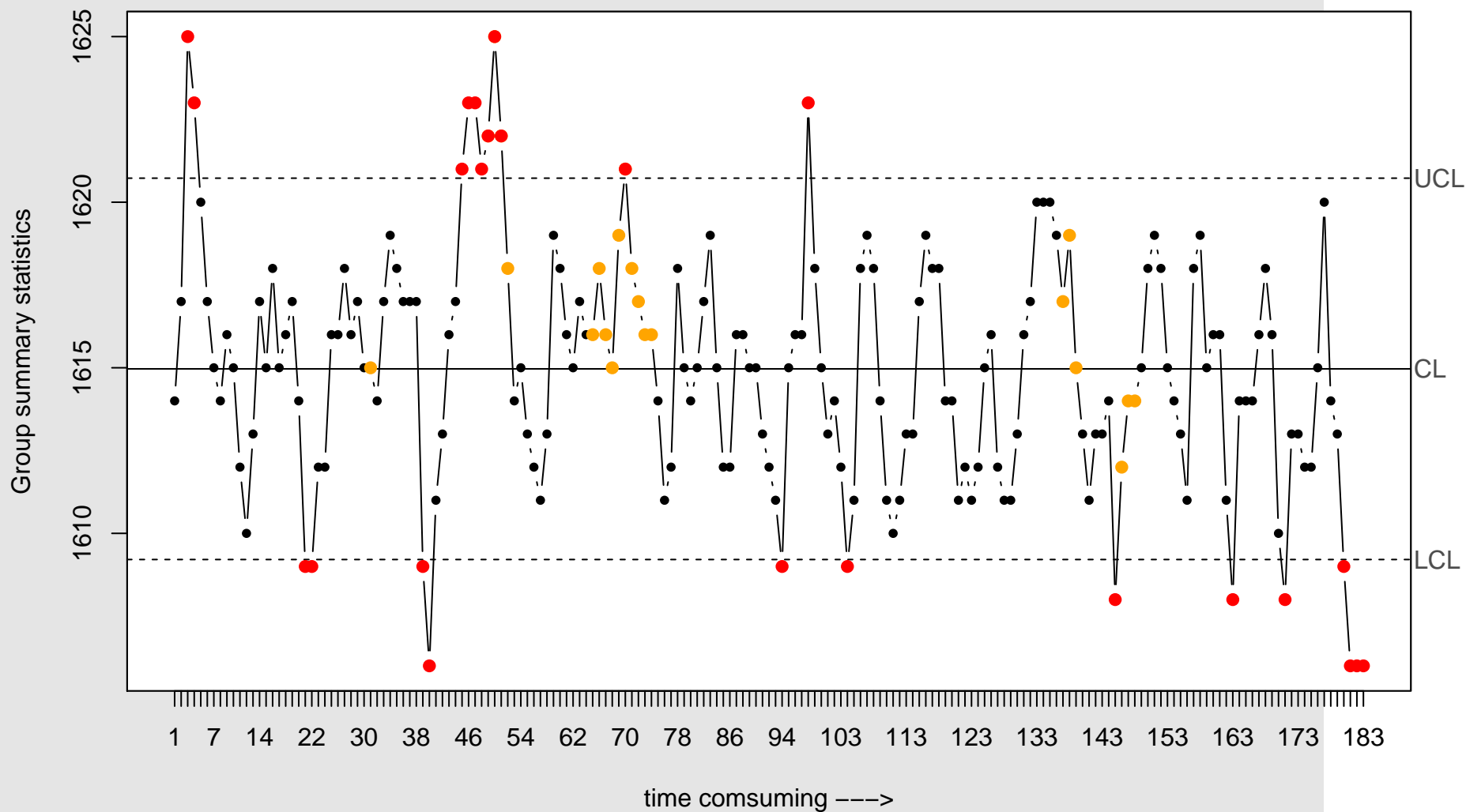
LCL = 1609.878

UCL = 1621.598

Number beyond limits = 19

Number violating runs = 17

# 92th column point of this product

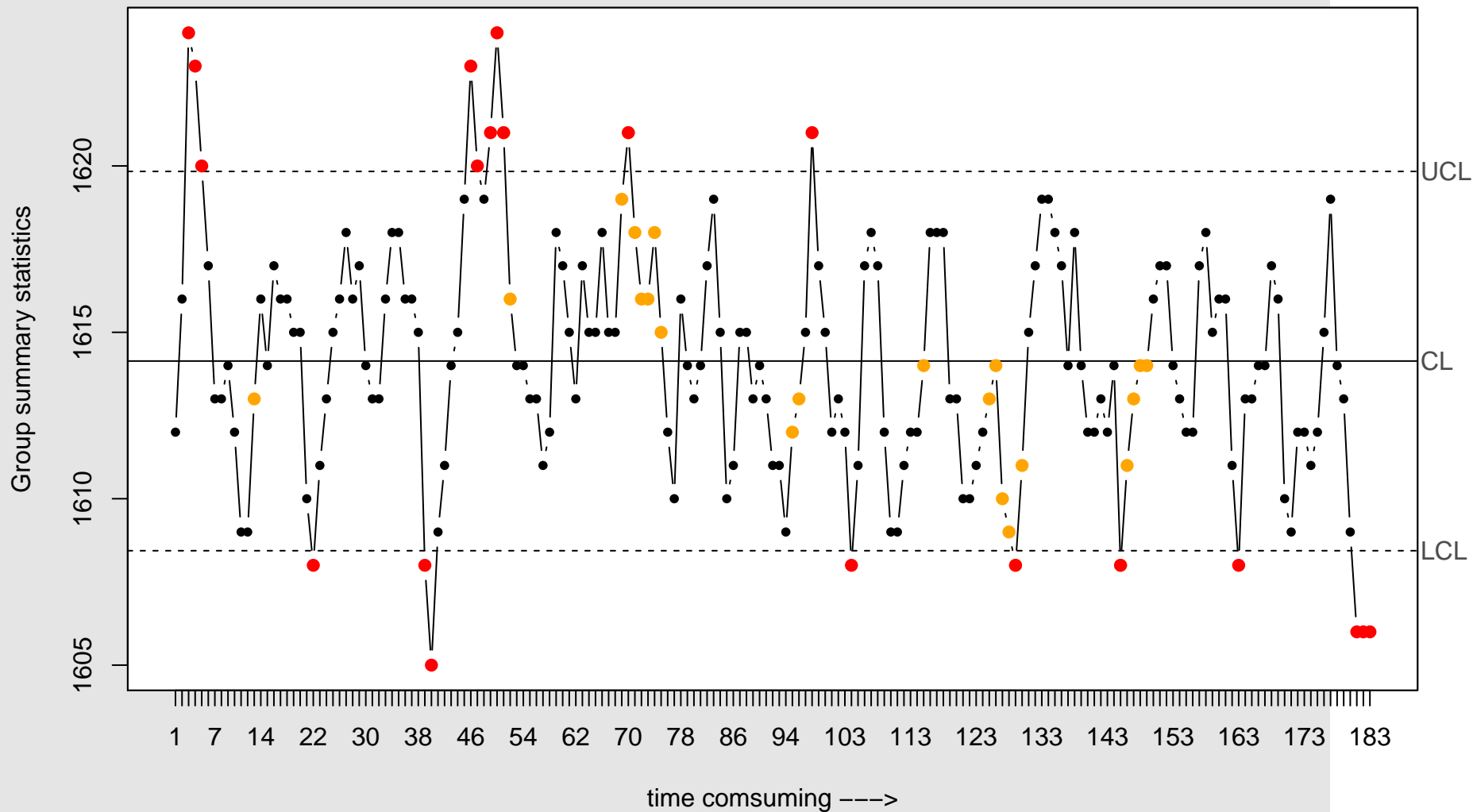


Number of groups = 183  
Center = 1614.967  
StdDev = 1.91918

LCL = 1609.21  
UCL = 1620.725

Number beyond limits = 24  
Number violating runs = 21

### 93th column point of this product



Number of groups = 183

Center = 1614.137

StdDev = 1.899696

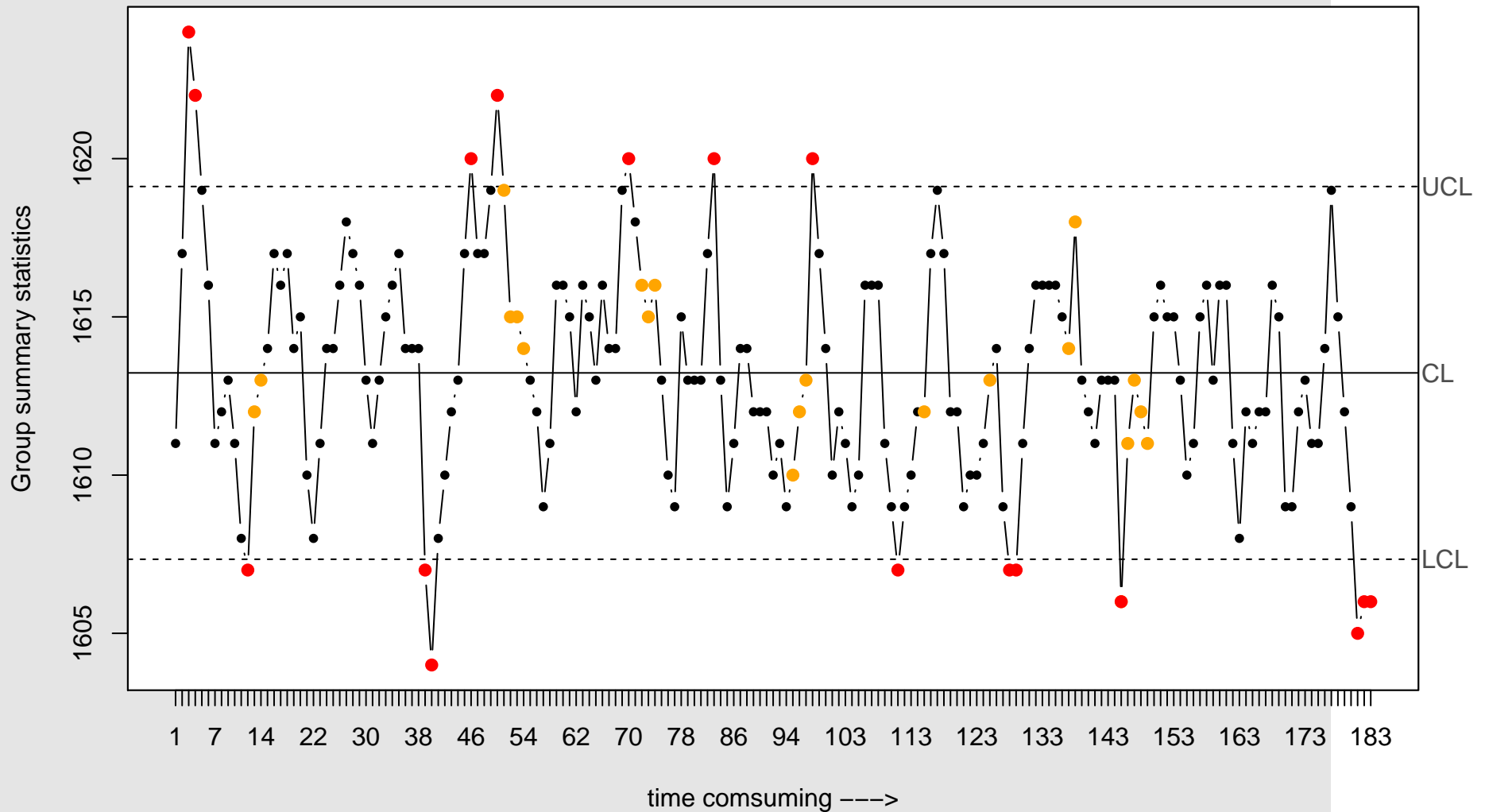
LCL = 1608.438

UCL = 1619.836

Number beyond limits = 20

Number violating runs = 25

# 94th column point of this product



Number of groups = 183

Center = 1613.23

StdDev = 1.963019

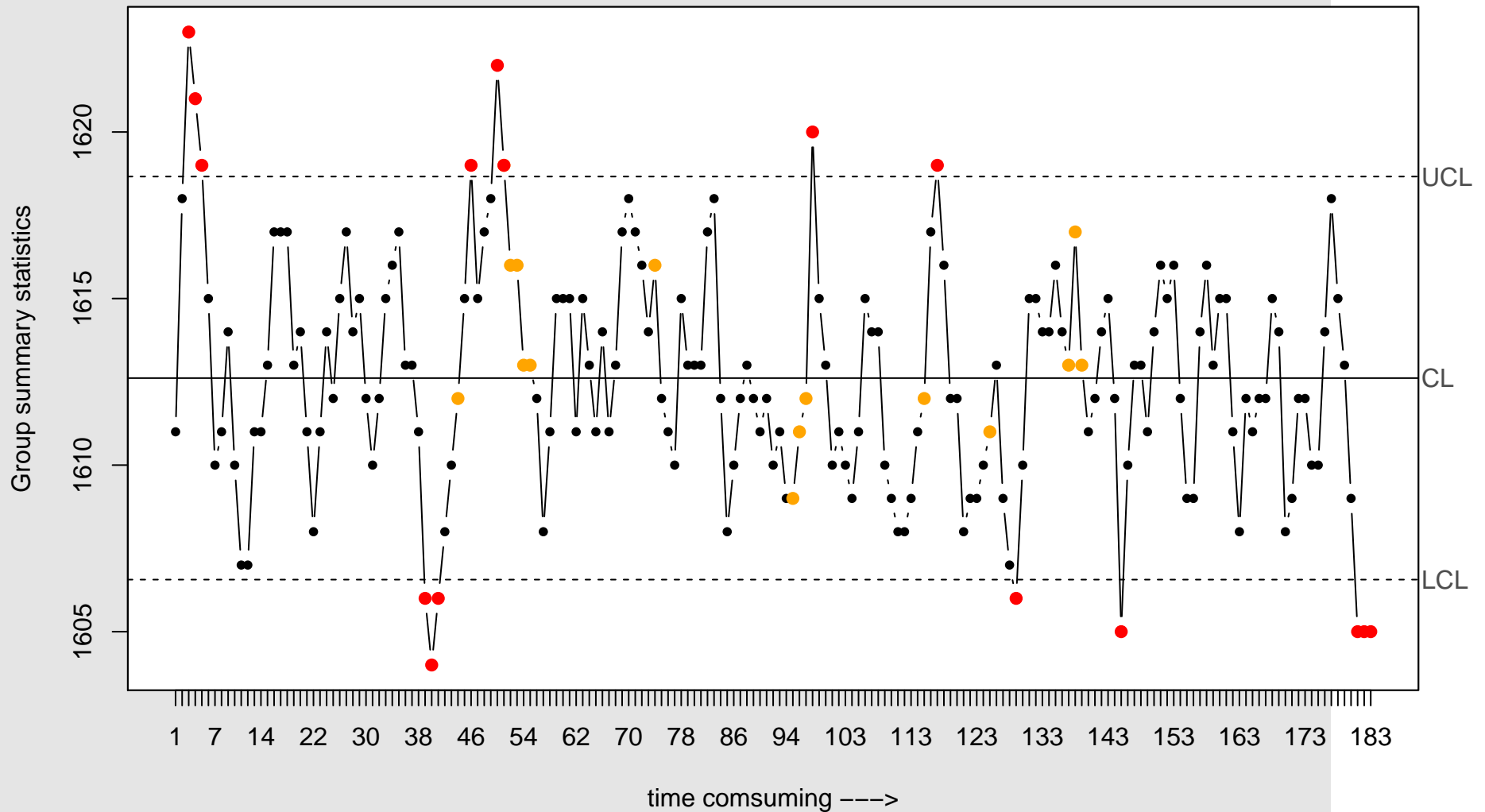
LCL = 1607.34

UCL = 1619.119

Number beyond limits = 17

Number violating runs = 21

# 95th column point of this product



Number of groups = 183

Center = 1612.612

StdDev = 2.0166

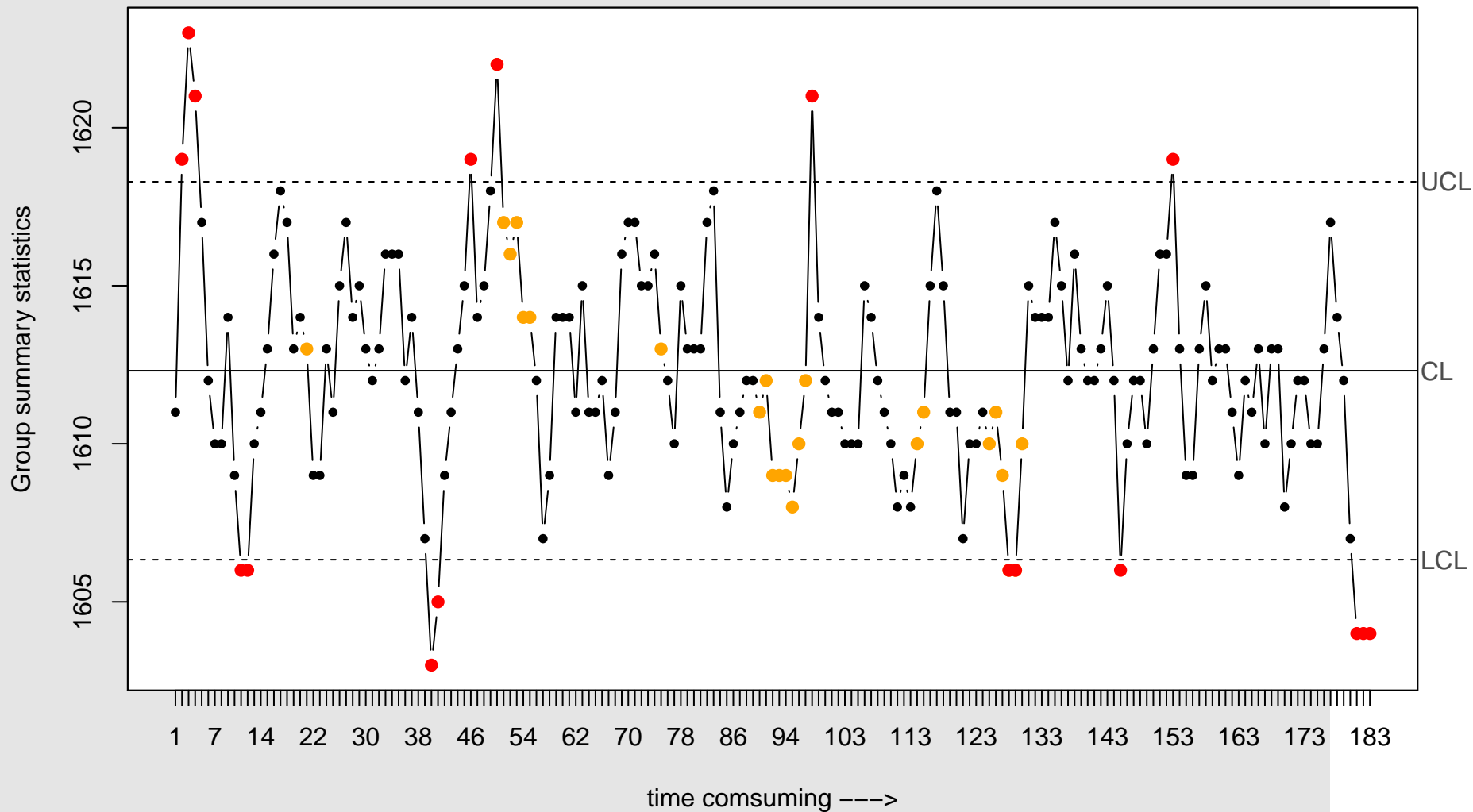
LCL = 1606.562

UCL = 1618.662

Number beyond limits = 16

Number violating runs = 15

# 96th column point of this product



Number of groups = 183

Center = 1612.311

StdDev = 1.992245

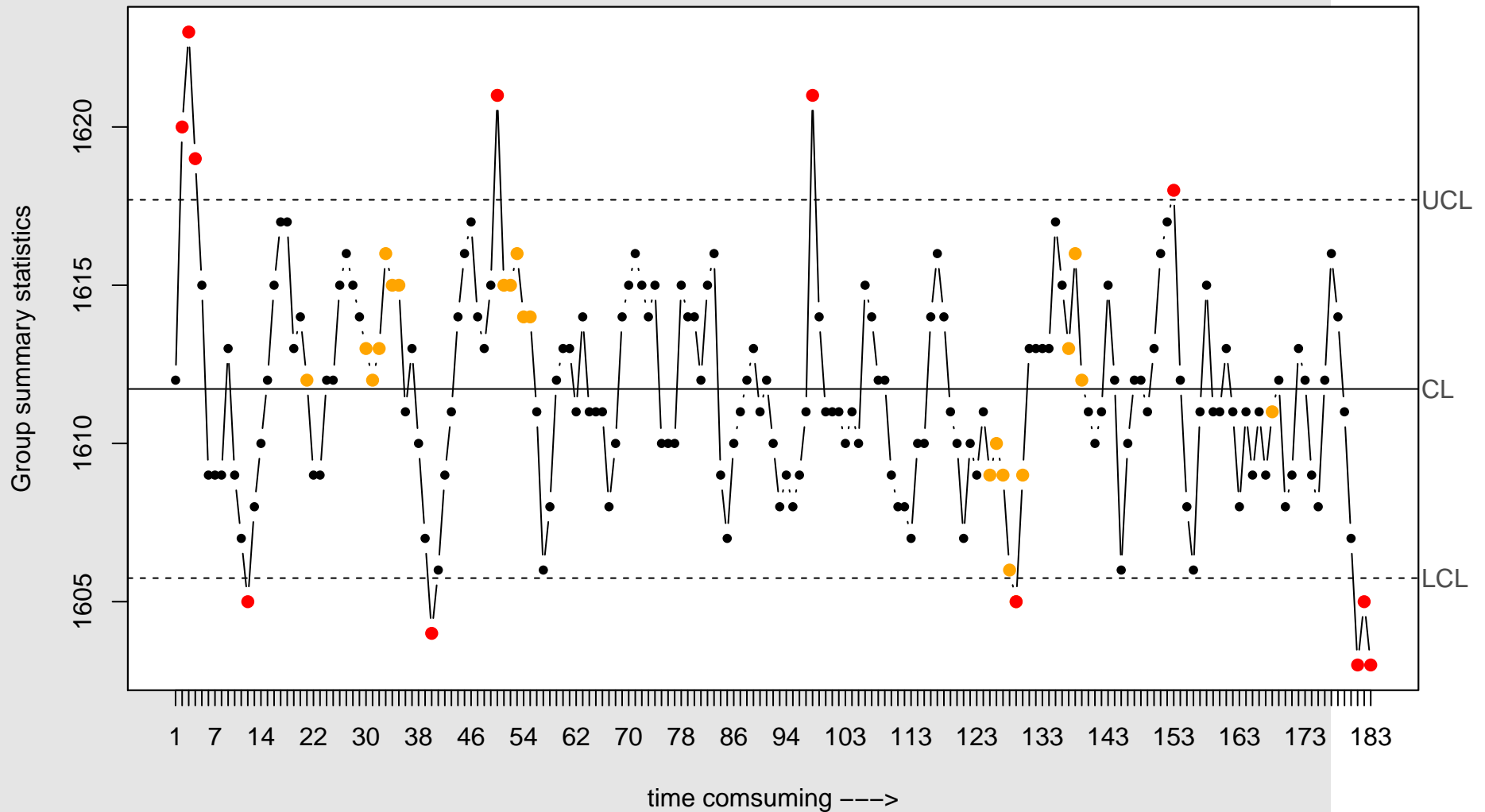
LCL = 1606.335

UCL = 1618.288

Number beyond limits = 17

Number violating runs = 24

### 97th column point of this product



Number of groups = 183

Center = 1611.721

StdDev = 1.992245

LCL = 1605.745

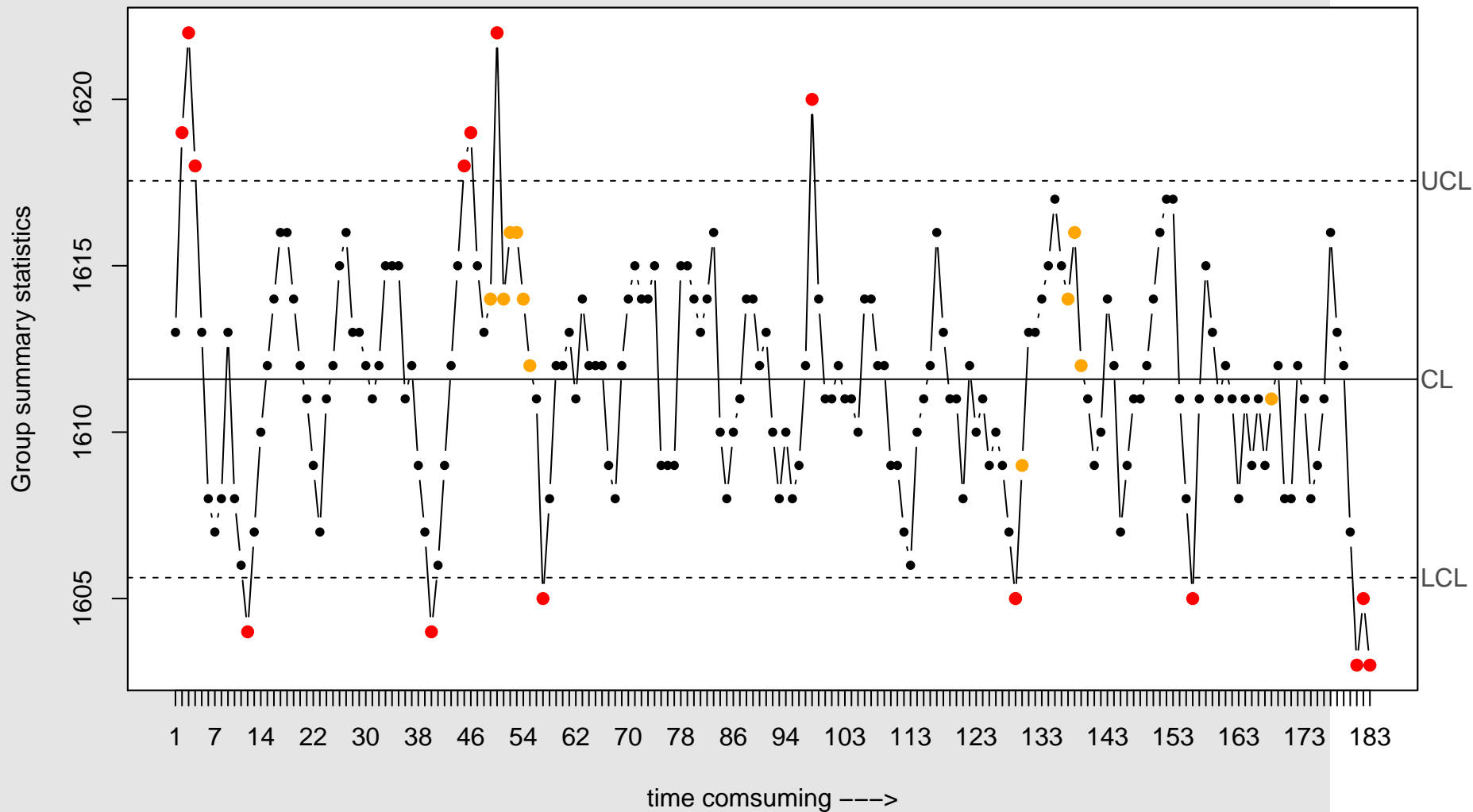
UCL = 1617.698

Number beyond limits = 12

Number violating runs = 23



# 98th column point of this product



Number of groups = 183

Center = 1611.59

StdDev = 1.987374

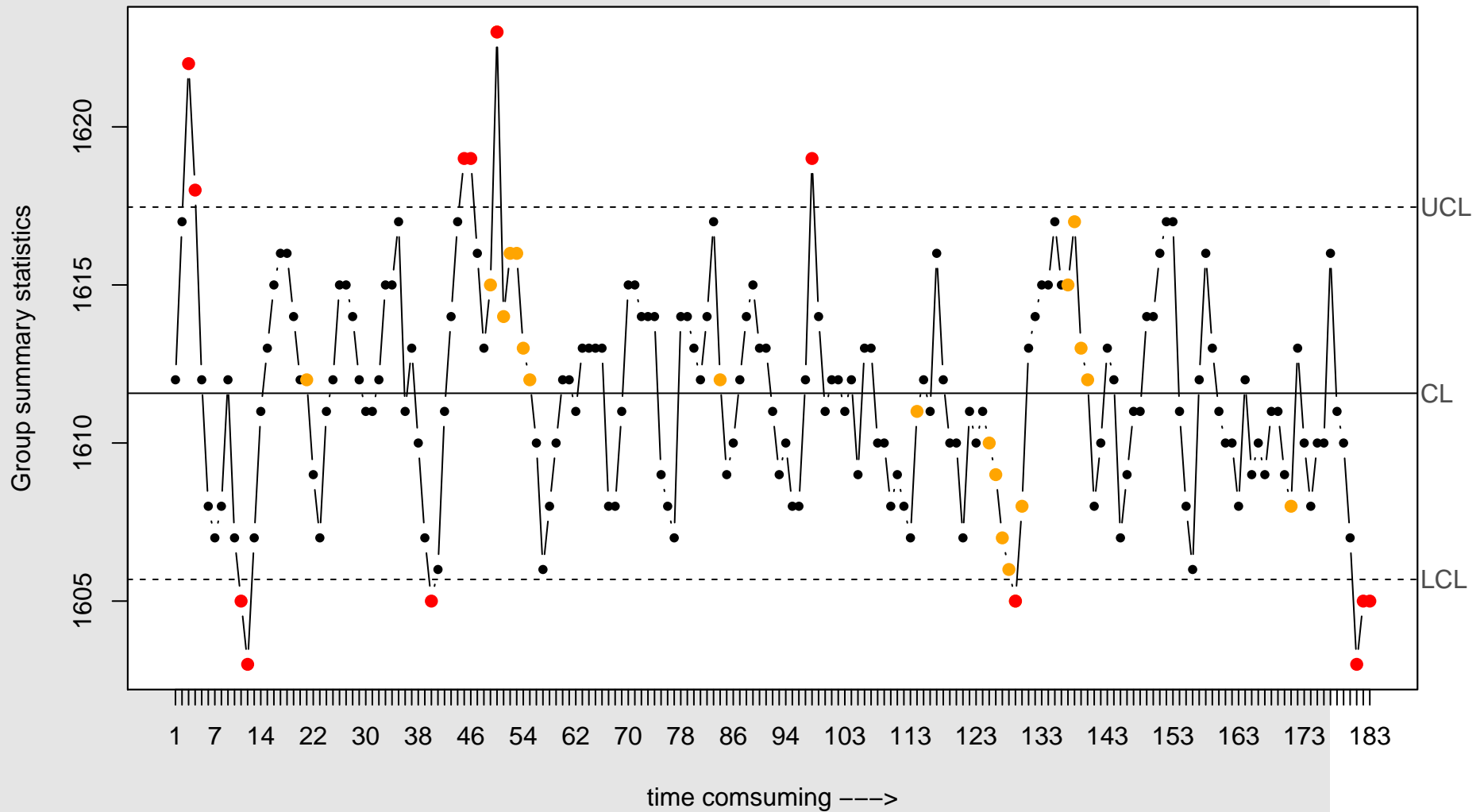
LCL = 1605.628

UCL = 1617.552

Number beyond limits = 15

Number violating runs = 13

# 99th column point of this product



Number of groups = 183

Center = 1611.574

StdDev = 1.963019

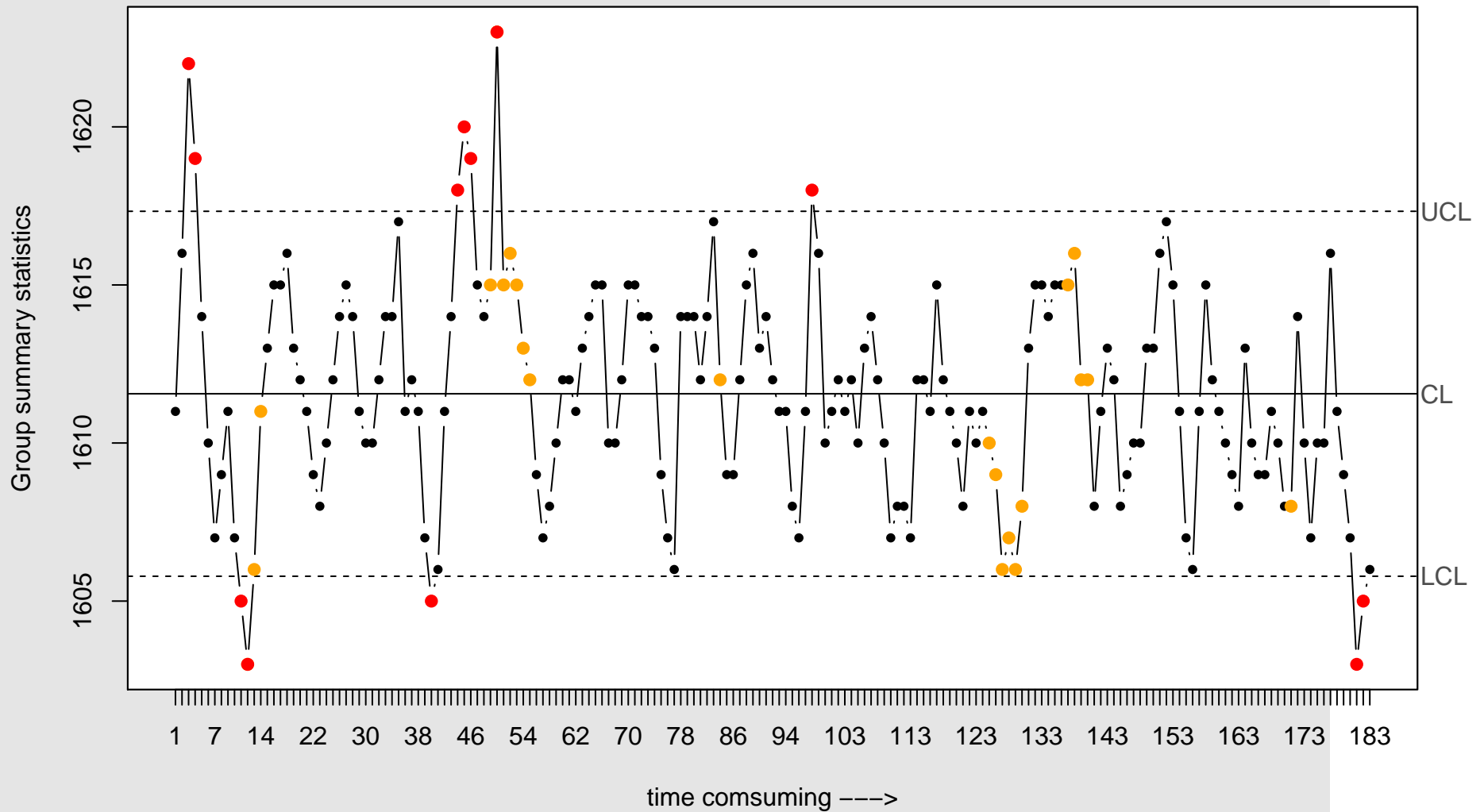
LCL = 1605.685

UCL = 1617.463

Number beyond limits = 13

Number violating runs = 21

# 100th column point of this product



Number of groups = 183

Center = 1611.557

StdDev = 1.924051

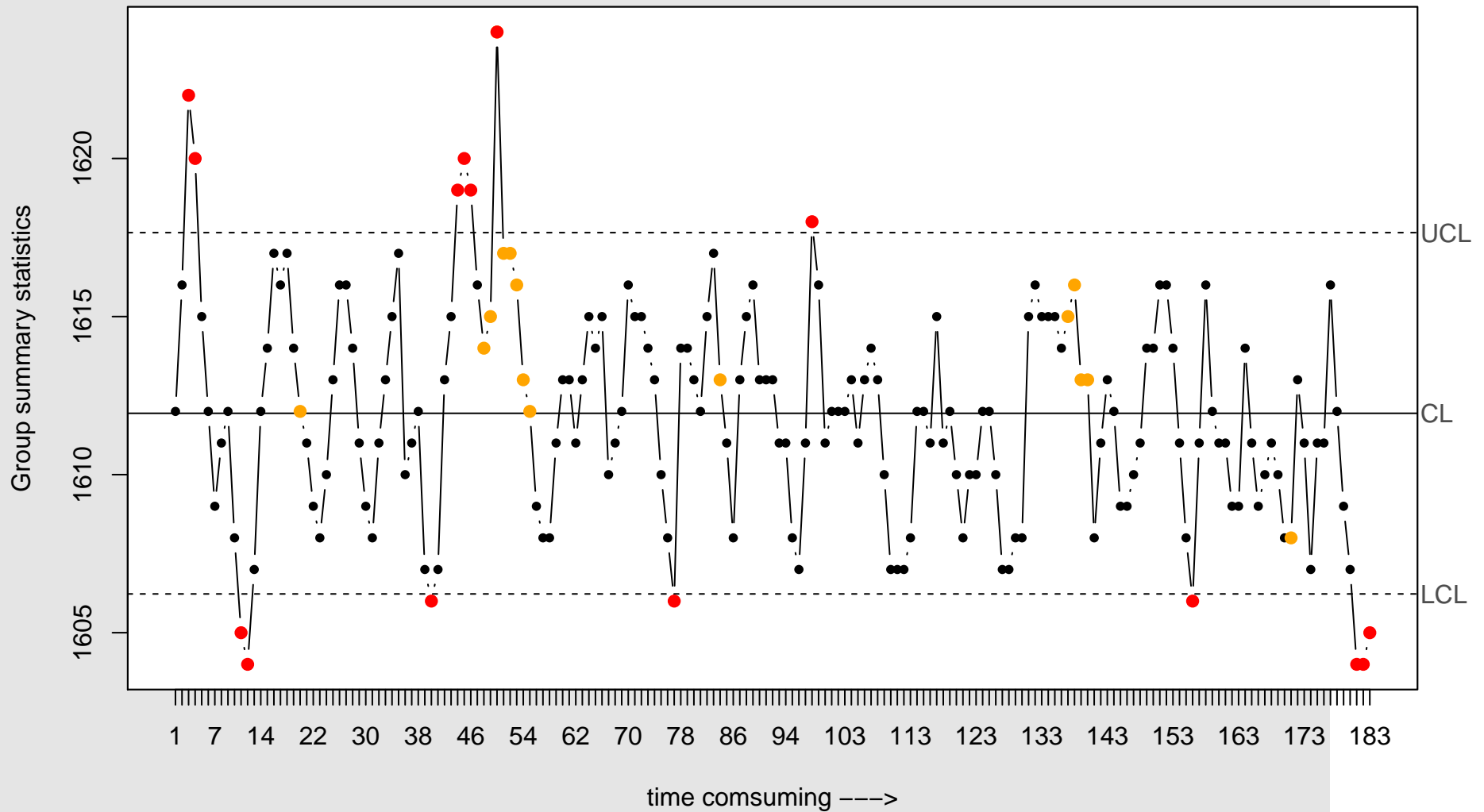
LCL = 1605.785

UCL = 1617.33

Number beyond limits = 12

Number violating runs = 22

### 101th column point of this product



Number of groups = 183

Center = 1611.94

StdDev = 1.904567

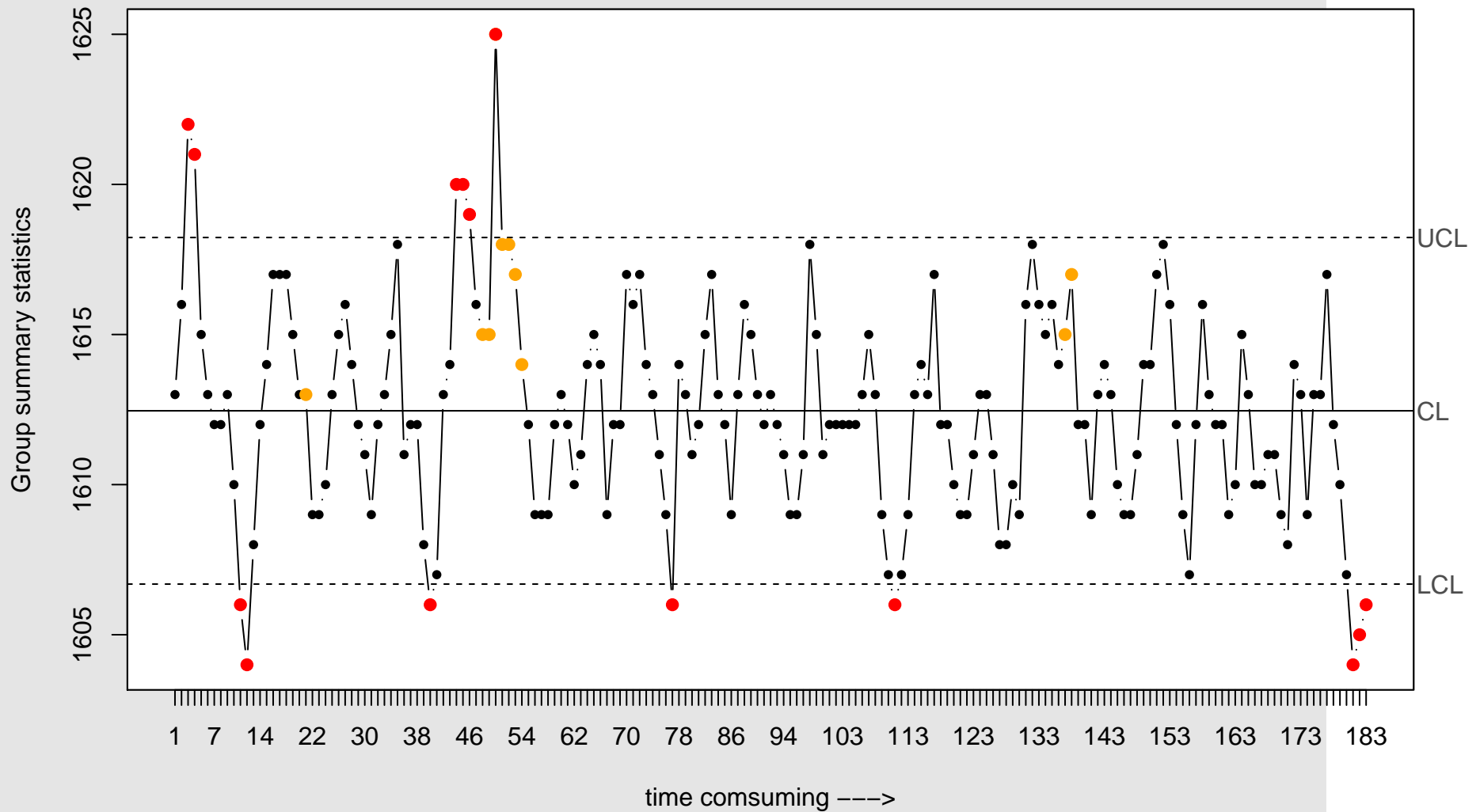
LCL = 1606.226

UCL = 1617.654

Number beyond limits = 15

Number violating runs = 15

# 102th column point of this product

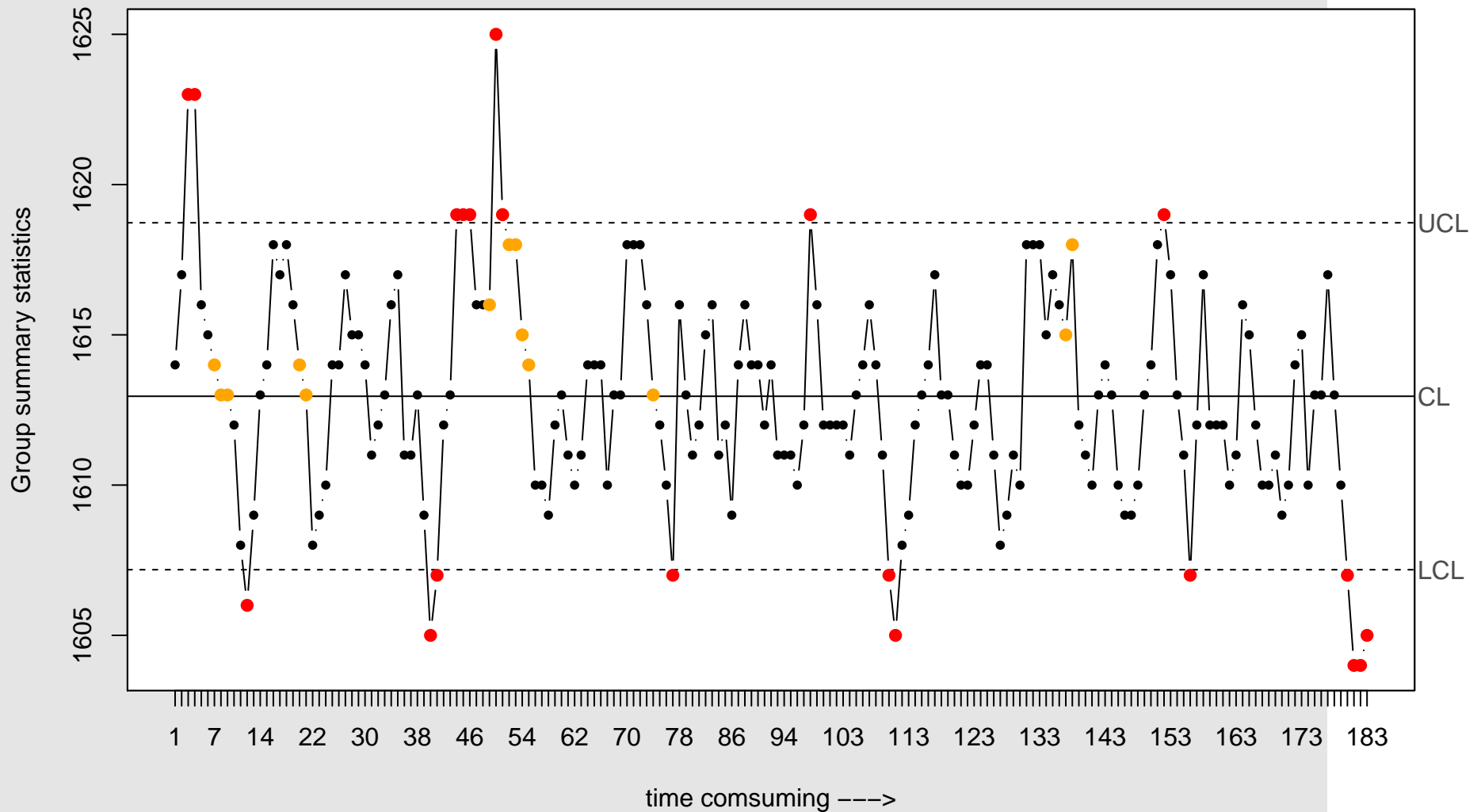


Number of groups = 183  
Center = 1612.459  
StdDev = 1.924051

LCL = 1606.687  
UCL = 1618.231

Number beyond limits = 14  
Number violating runs = 10

### 103th column point of this product



Number of groups = 183

Center = 1612.956

StdDev = 1.924051

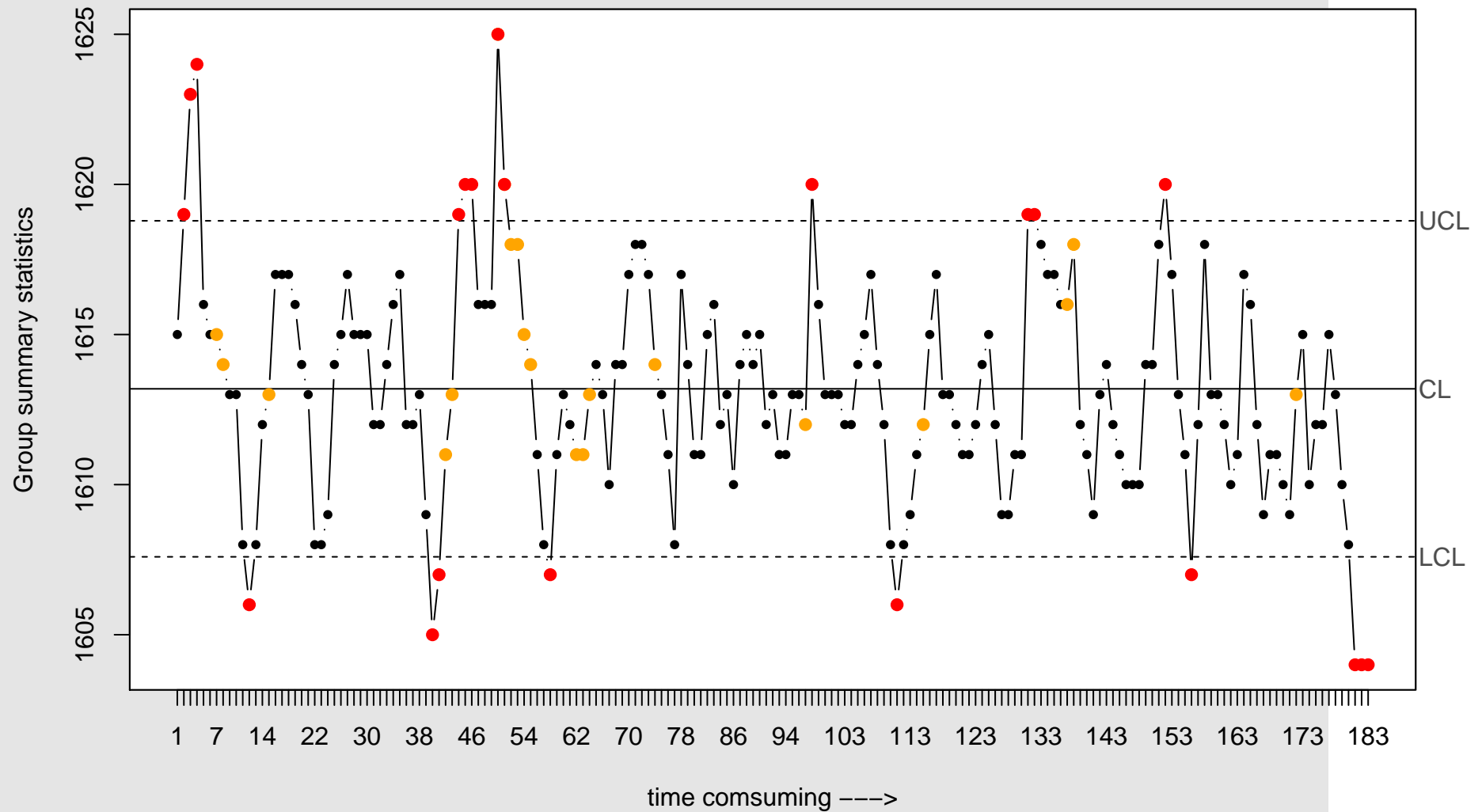
LCL = 1607.184

UCL = 1618.728

Number beyond limits = 20

Number violating runs = 15

# 104th column point of this product



Number of groups = 183

Center = 1613.191

StdDev = 1.865599

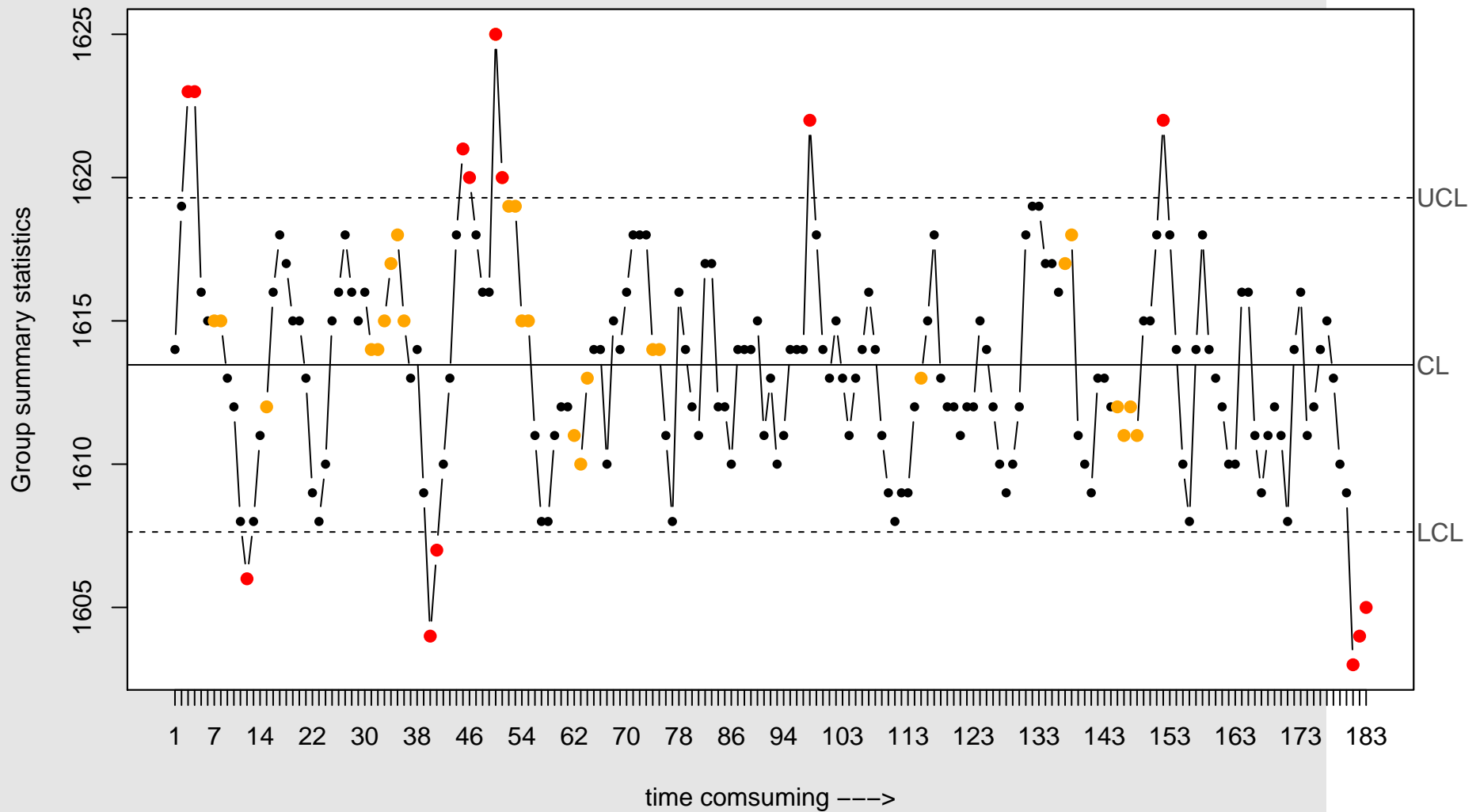
LCL = 1607.594

UCL = 1618.788

Number beyond limits = 21

Number violating runs = 20

# 105th column point of this product



Number of groups = 183

Center = 1613.464

StdDev = 1.943535

LCL = 1607.634

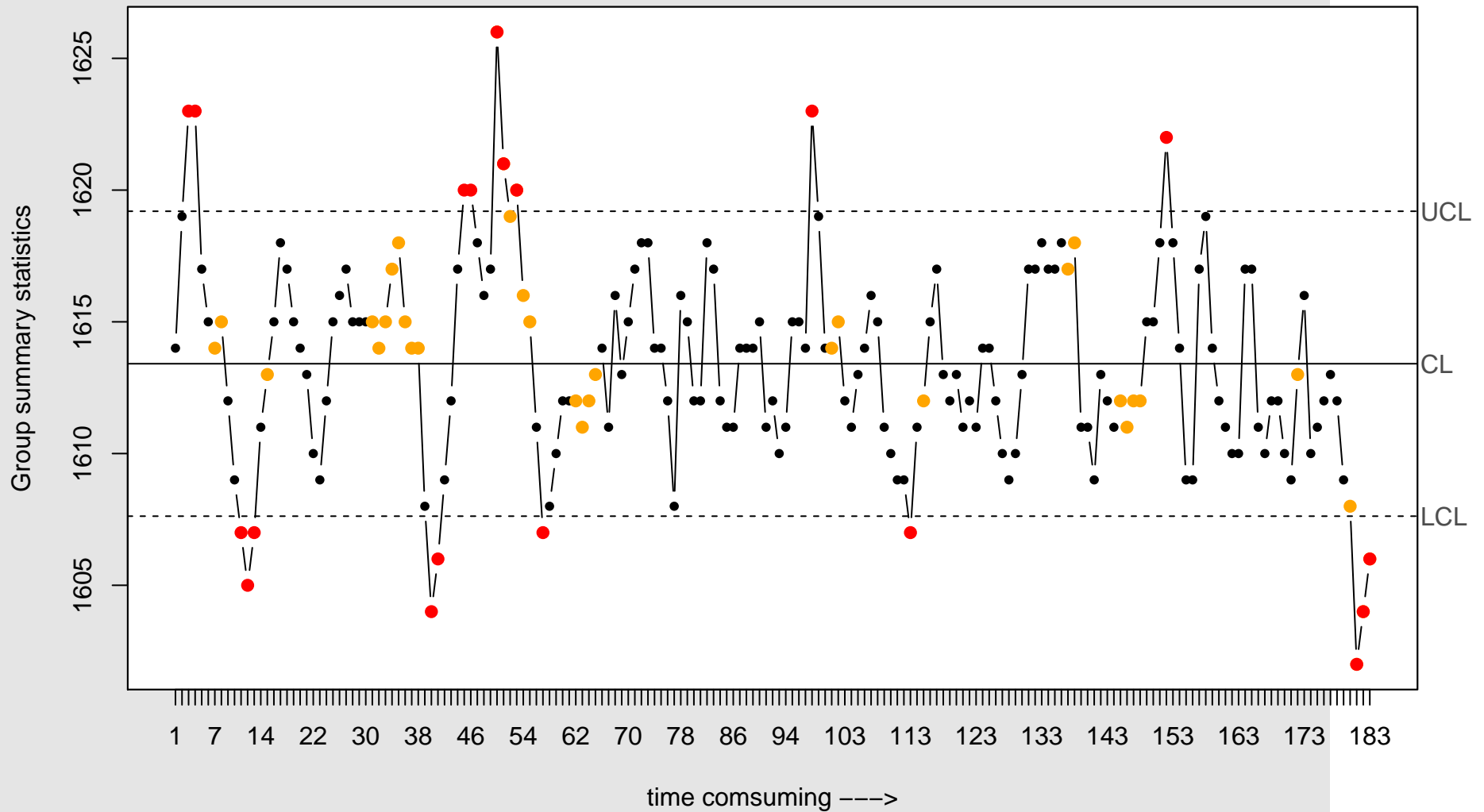
UCL = 1619.295

Number beyond limits = 14

Number violating runs = 27



# 106th column point of this product



Number of groups = 183

Center = 1613.41

StdDev = 1.928922

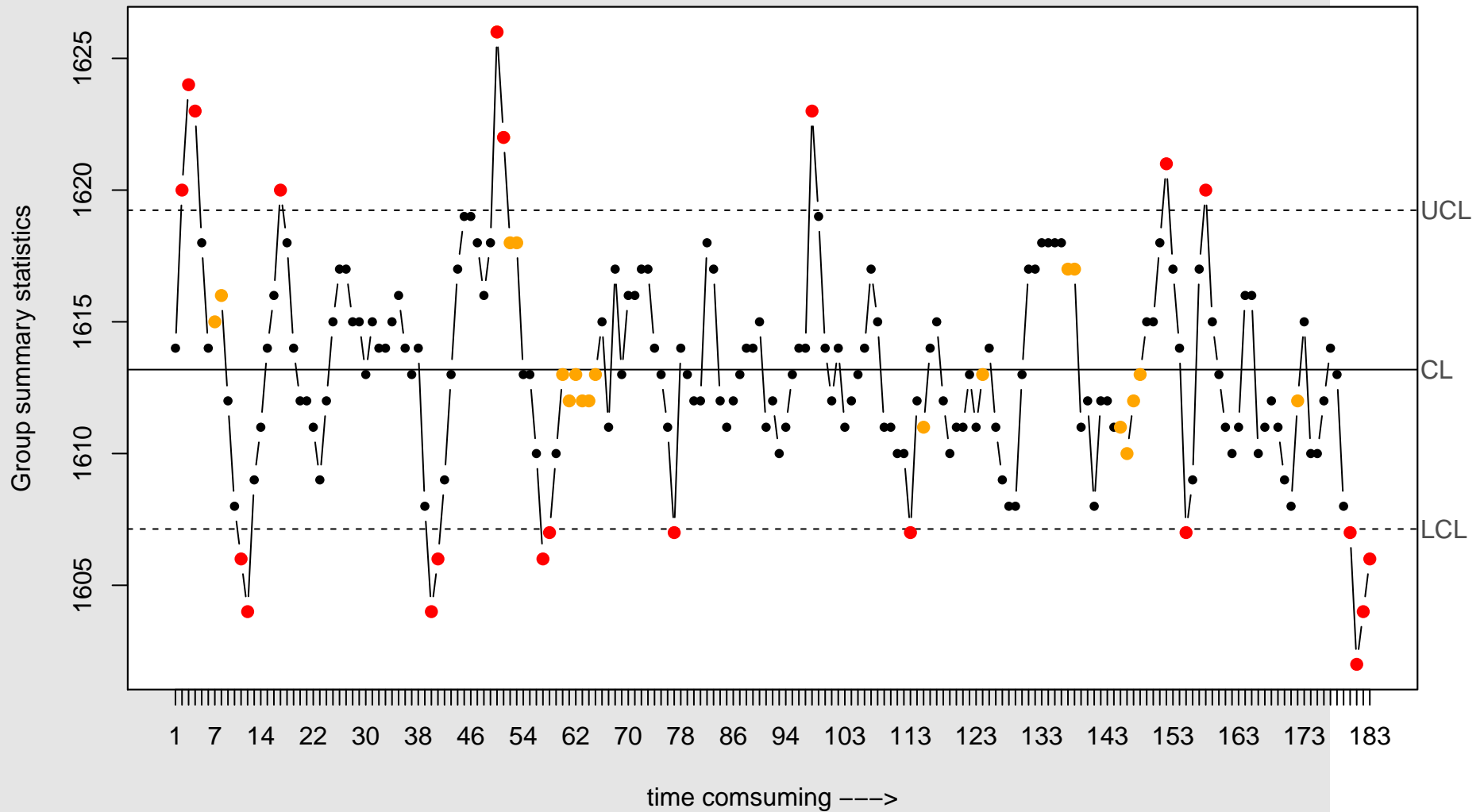
LCL = 1607.623

UCL = 1619.197

Number beyond limits = 19

Number violating runs = 35

# 107th column point of this product



Number of groups = 183

Center = 1613.186

StdDev = 2.0166

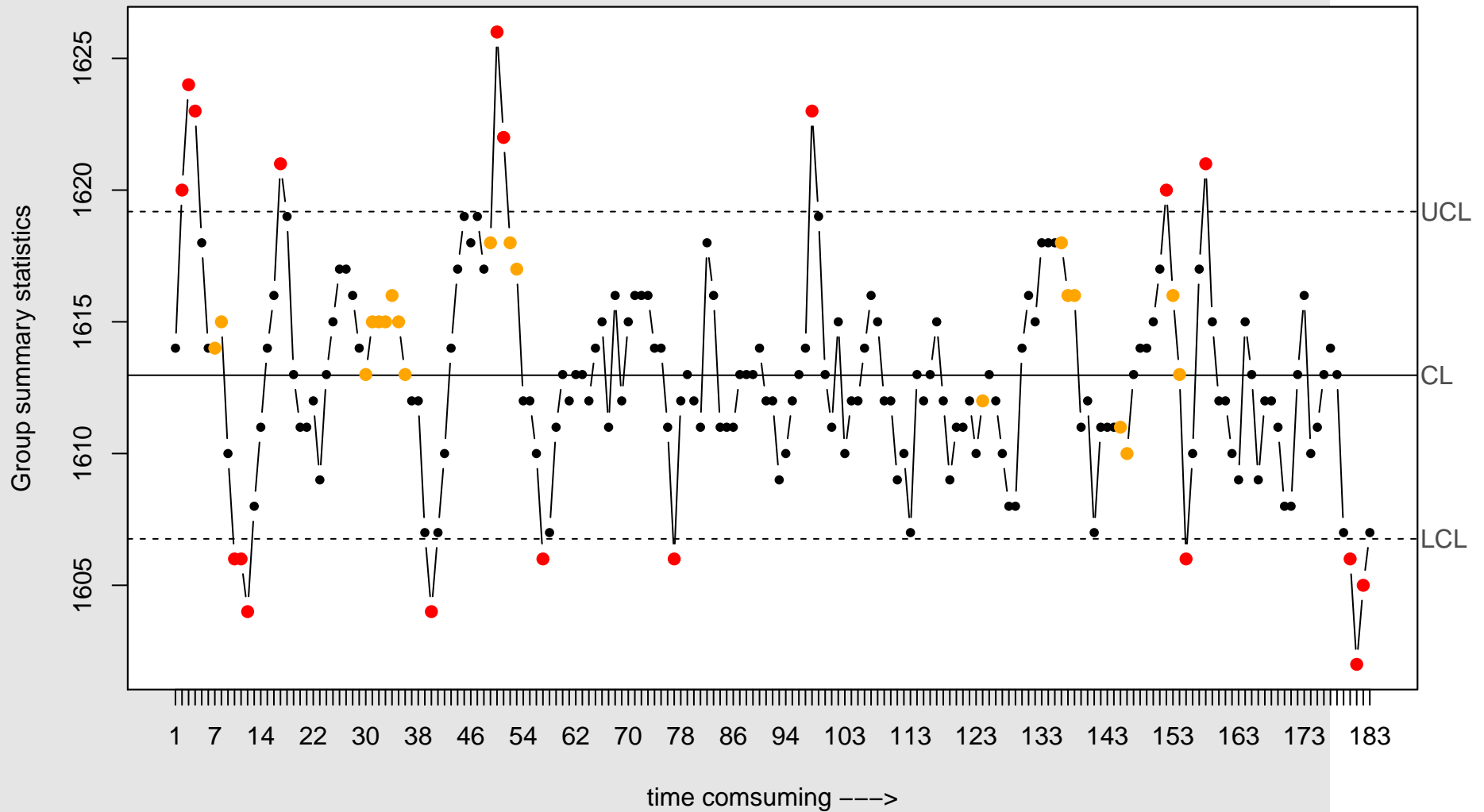
LCL = 1607.136

UCL = 1619.236

Number beyond limits = 22

Number violating runs = 21

# 108th column point of this product



Number of groups = 183

Center = 1612.973

StdDev = 2.070182

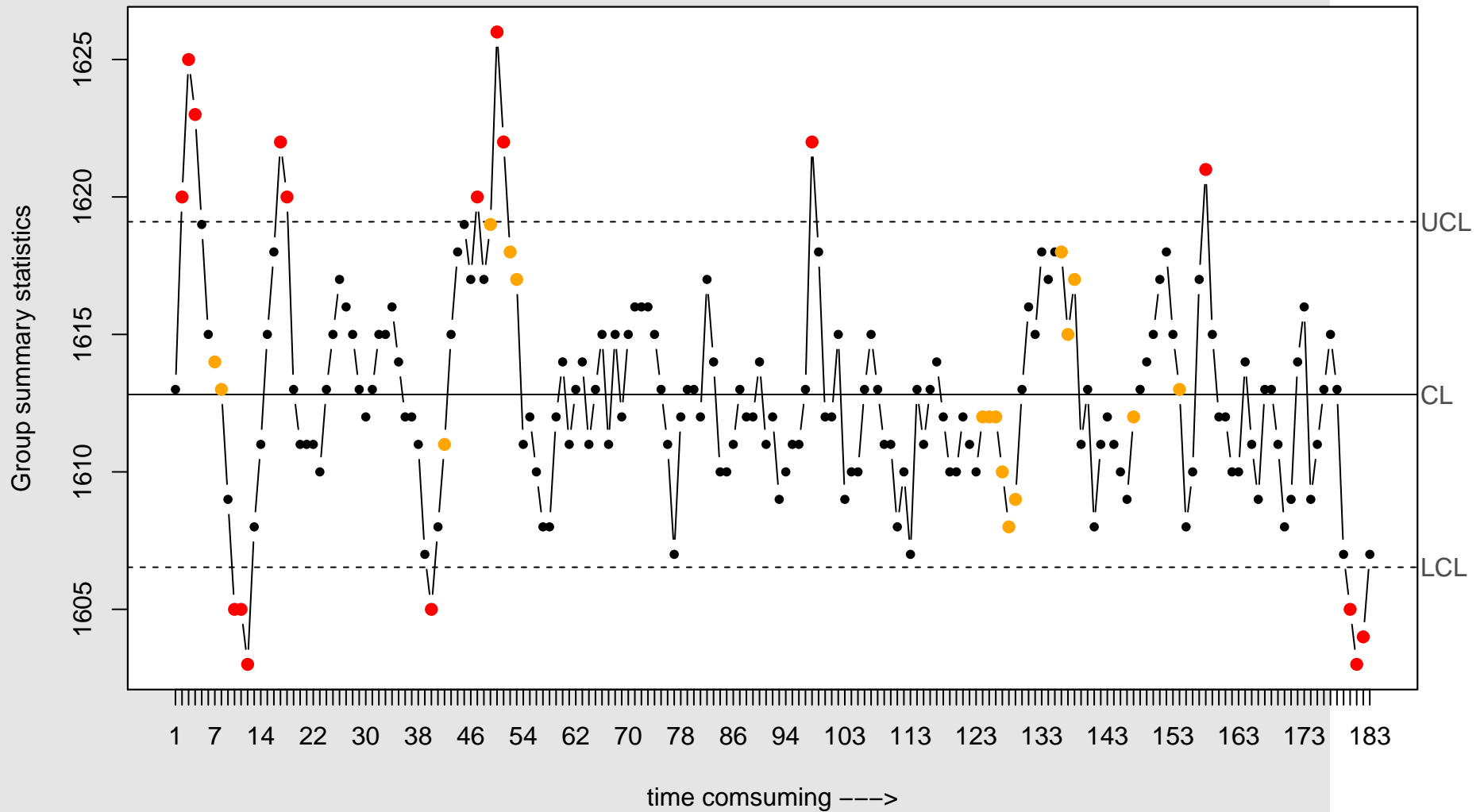
LCL = 1606.762

UCL = 1619.183

Number beyond limits = 19

Number violating runs = 22

# 109th column point of this product



Number of groups = 183

Center = 1612.814

StdDev = 2.094537

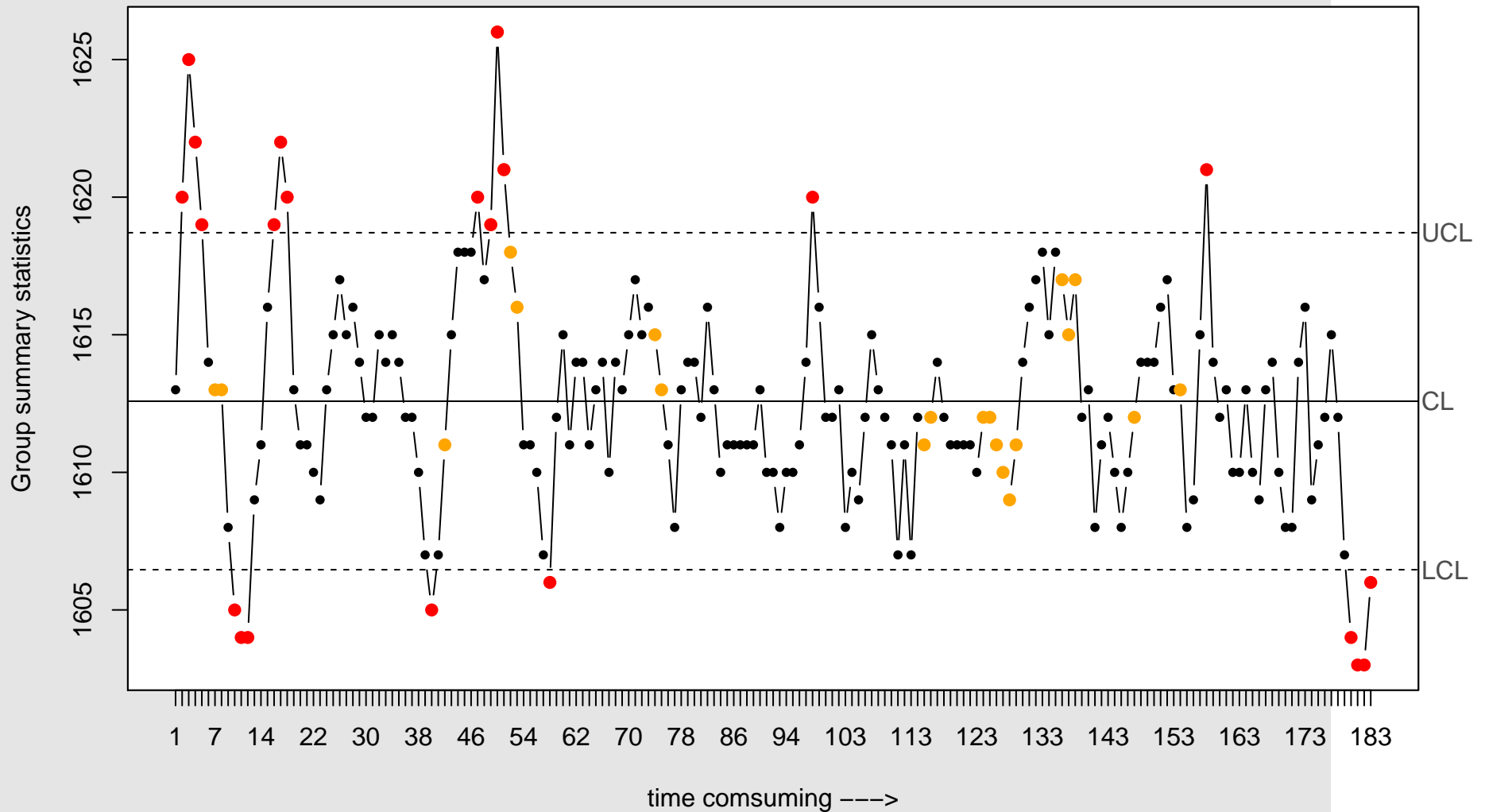
LCL = 1606.531

UCL = 1619.098

Number beyond limits = 17

Number violating runs = 19

# 110th column point of this product



Number of groups = 183

Center = 1612.585

StdDev = 2.040955

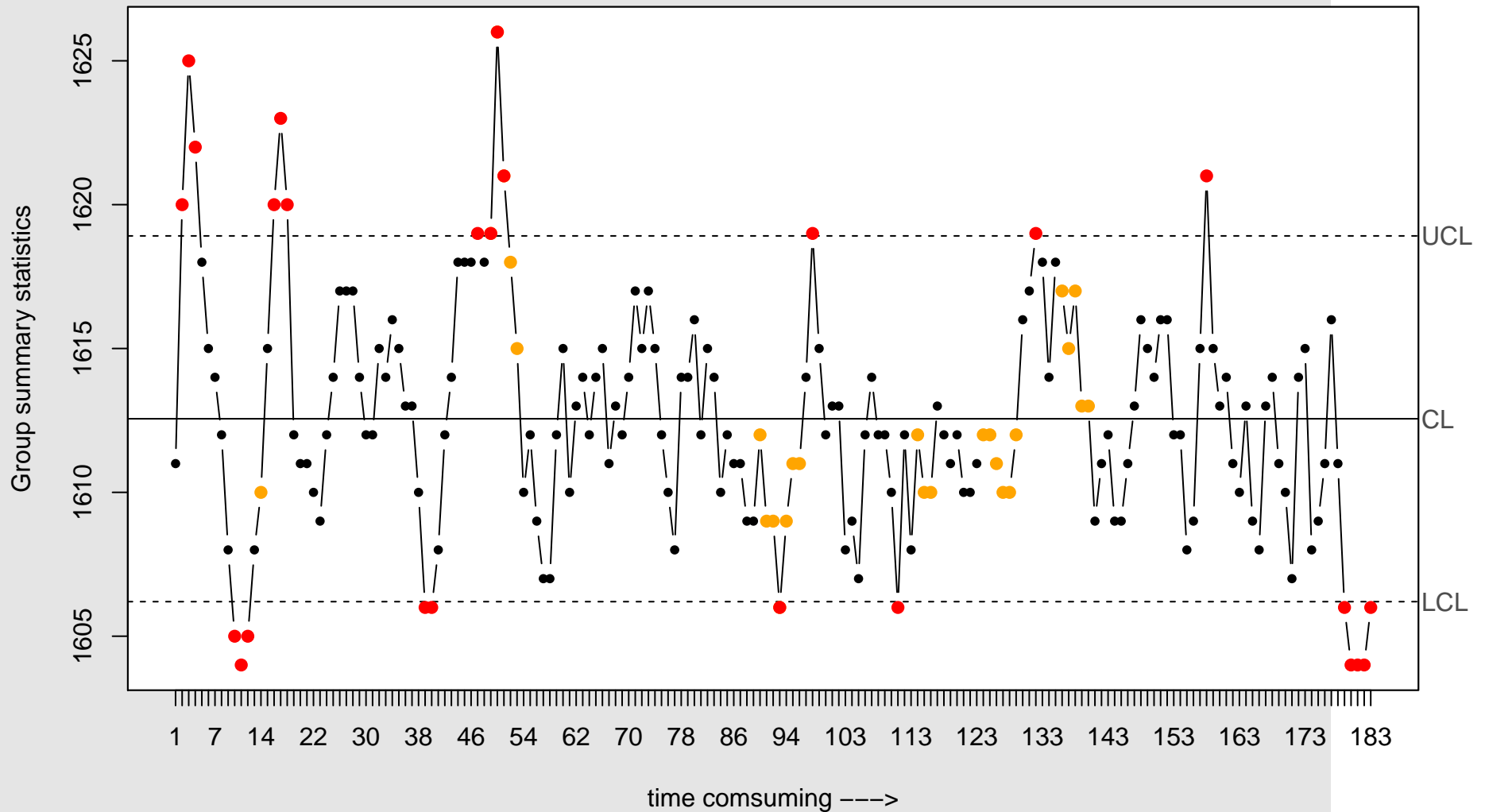
LCL = 1606.462

UCL = 1618.708

Number beyond limits = 22

Number violating runs = 23

# 111th column point of this product



Number of groups = 183

Center = 1612.557

StdDev = 2.118892

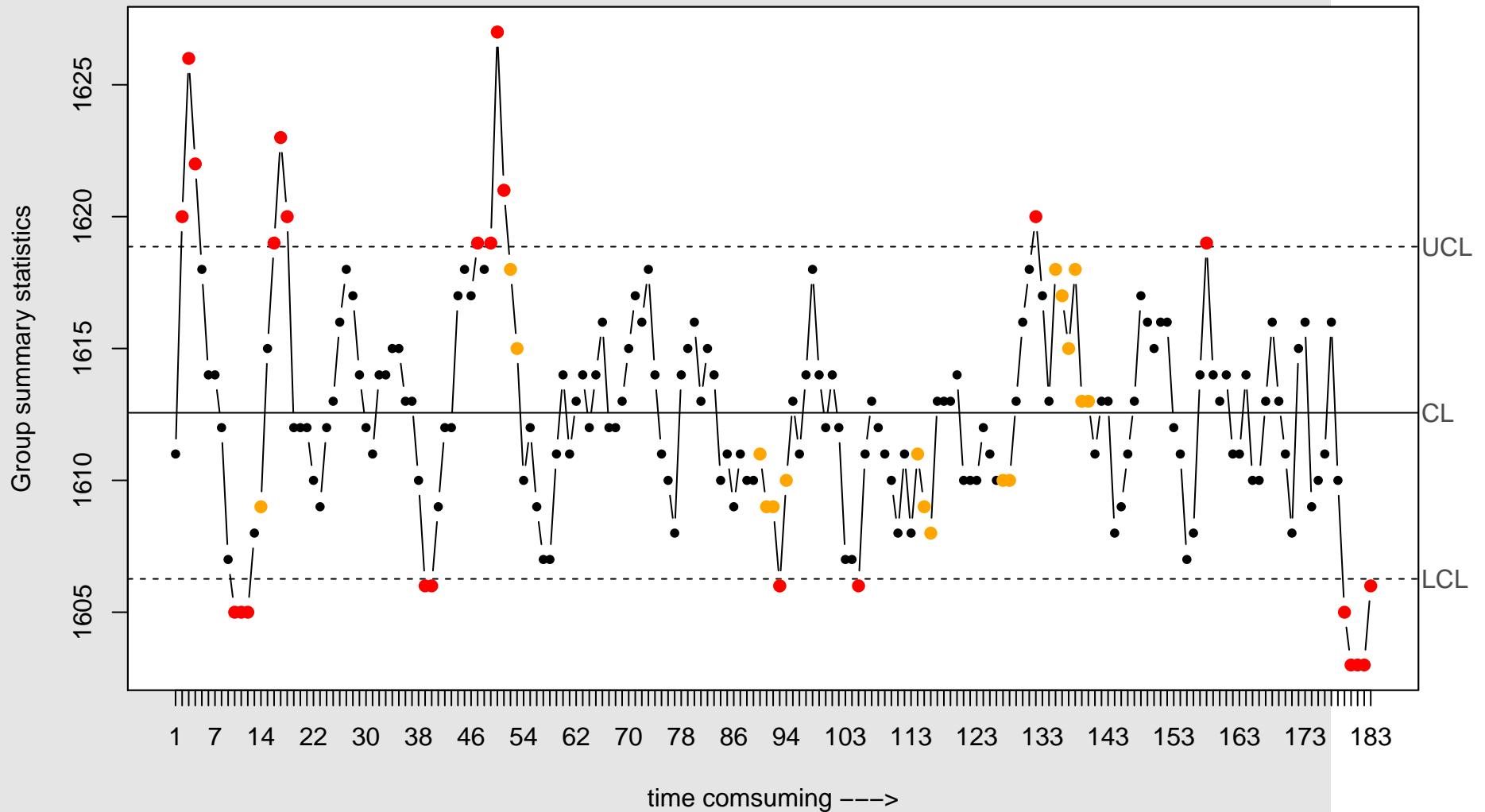
LCL = 1606.201

UCL = 1618.914

Number beyond limits = 25

Number violating runs = 27

# 112th column point of this product



Number of groups = 183

Center = 1612.563

StdDev = 2.099408

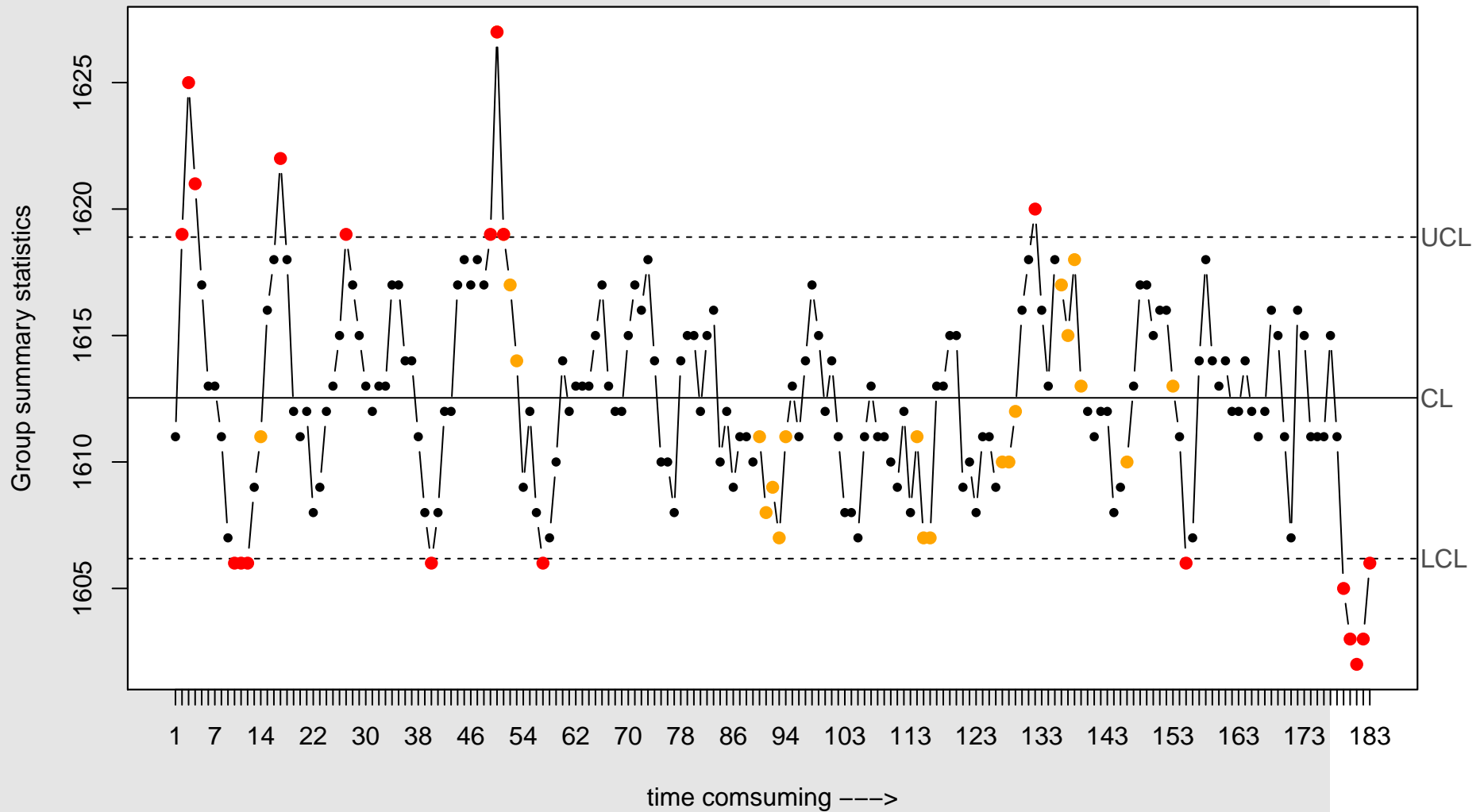
LCL = 1606.265

UCL = 1618.861

Number beyond limits = 24

Number violating runs = 21

### 113th column point of this product



Number of groups = 183

Center = 1612.536

StdDev = 2.118892

LCL = 1606.179

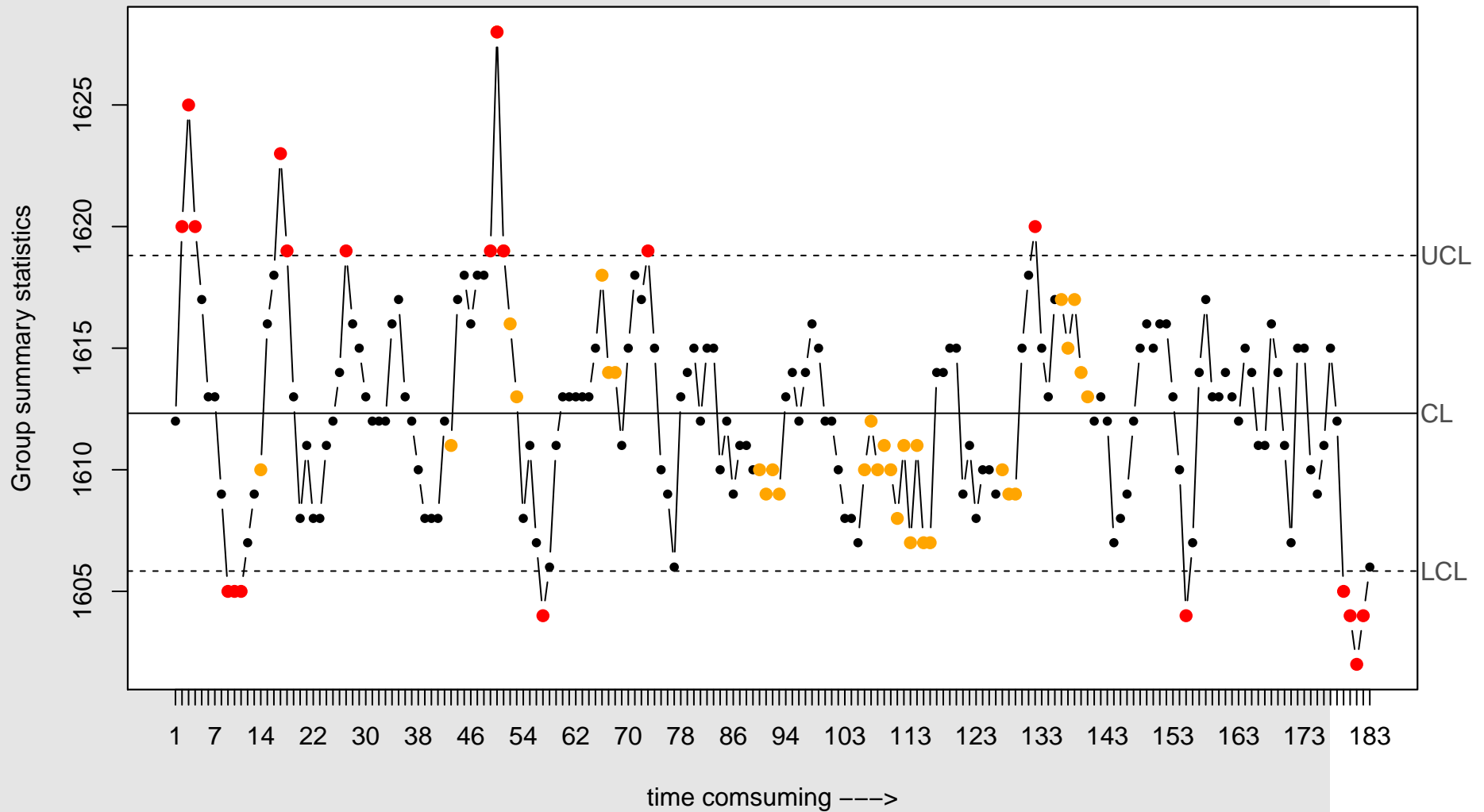
UCL = 1618.892

Number beyond limits = 20

Number violating runs = 22



# 114th column point of this product



Number of groups = 183

Center = 1612.322

StdDev = 2.162731

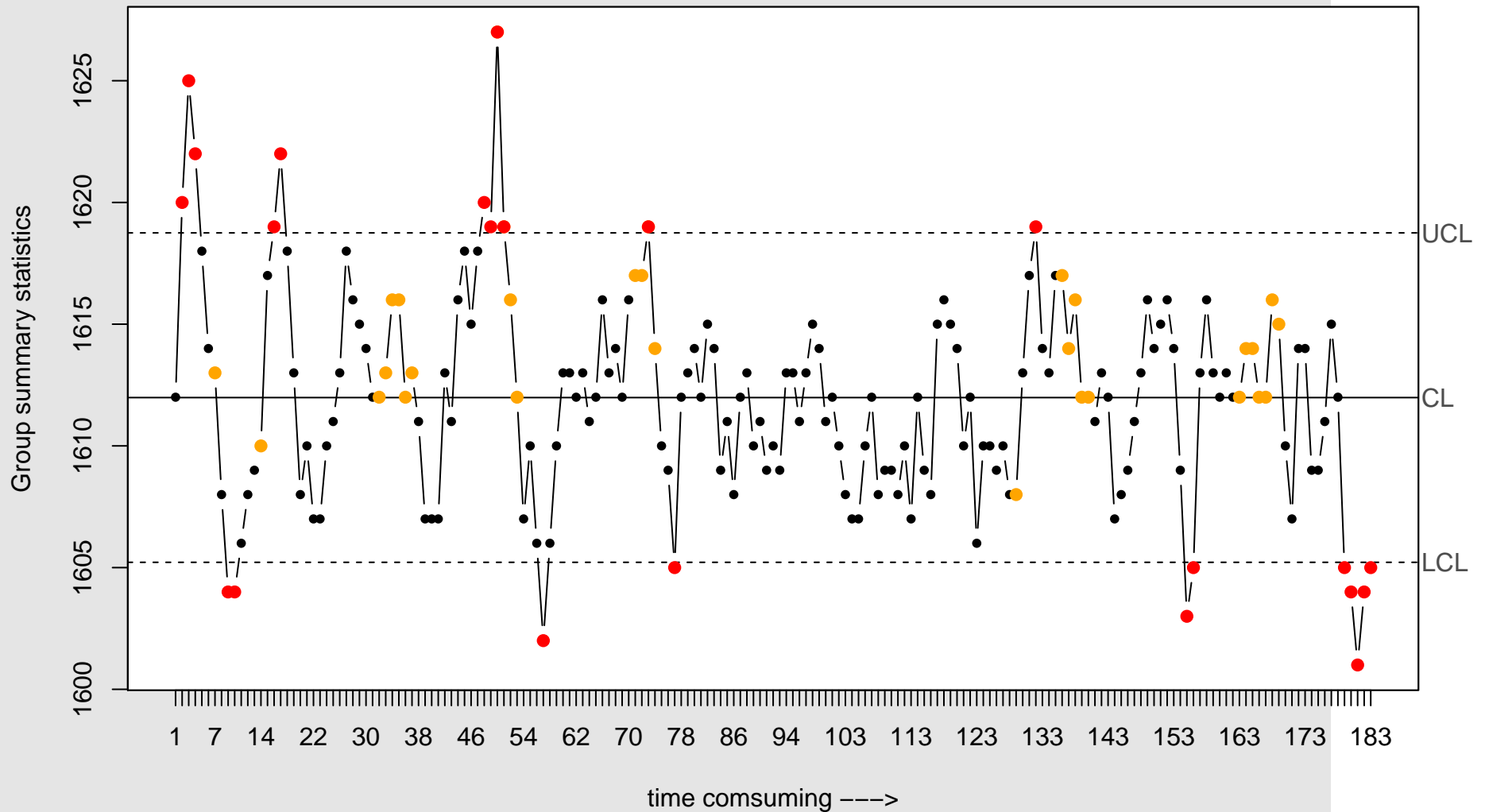
LCL = 1605.834

UCL = 1618.811

Number beyond limits = 20

Number violating runs = 32

# 115th column point of this product



Number of groups = 183

Center = 1611.984

StdDev = 2.25528

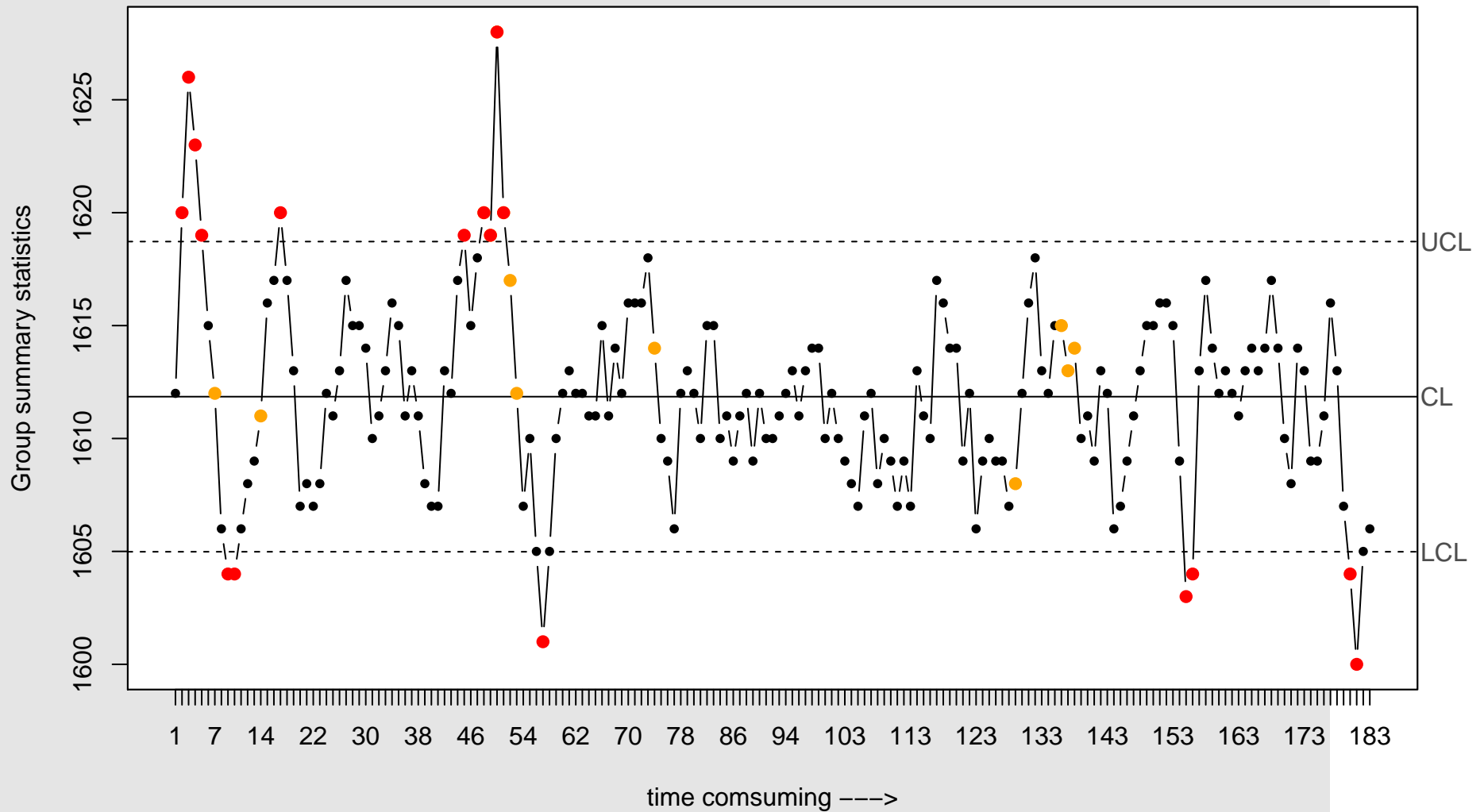
LCL = 1605.218

UCL = 1618.749

Number beyond limits = 22

Number violating runs = 29

# 116th column point of this product

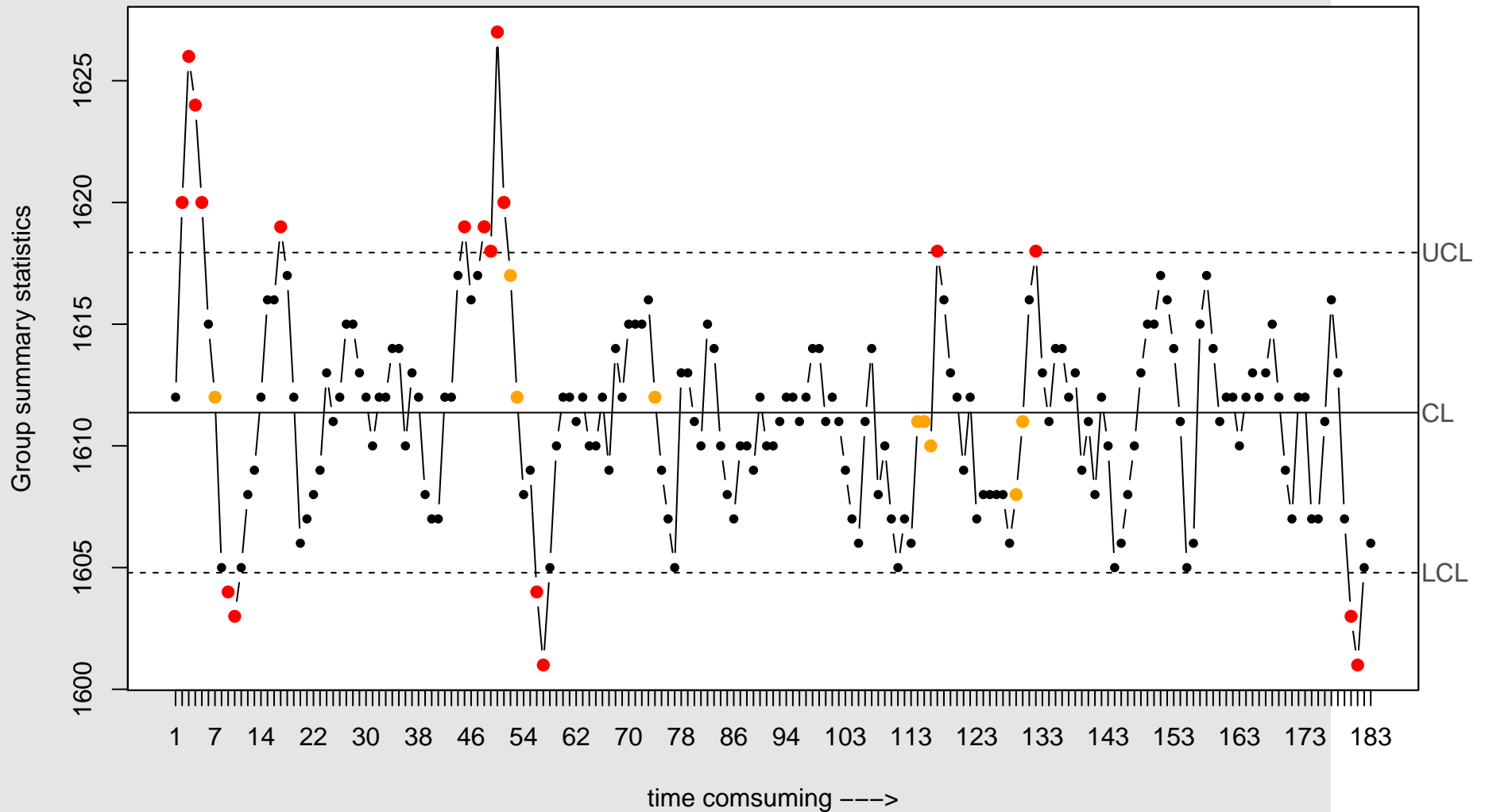


Number of groups = 183  
Center = 1611.852  
StdDev = 2.289377

LCL = 1604.984  
UCL = 1618.721

Number beyond limits = 17  
Number violating runs = 13

# 117th column point of this product



Number of groups = 183

Center = 1611.366

StdDev = 2.191957

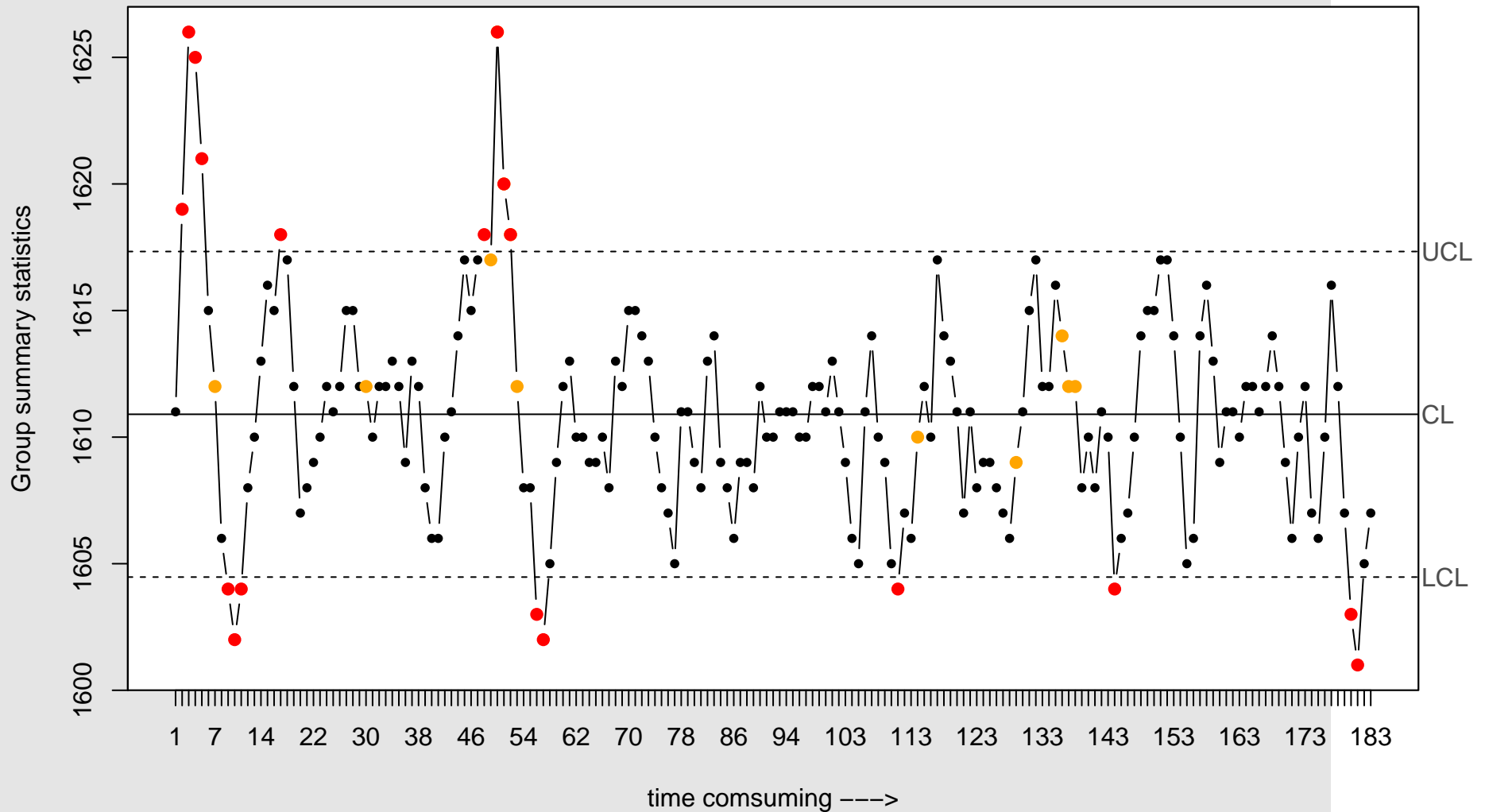
LCL = 1604.79

UCL = 1617.942

Number beyond limits = 18

Number violating runs = 13

# 118th column point of this product



Number of groups = 183

Center = 1610.902

StdDev = 2.143247

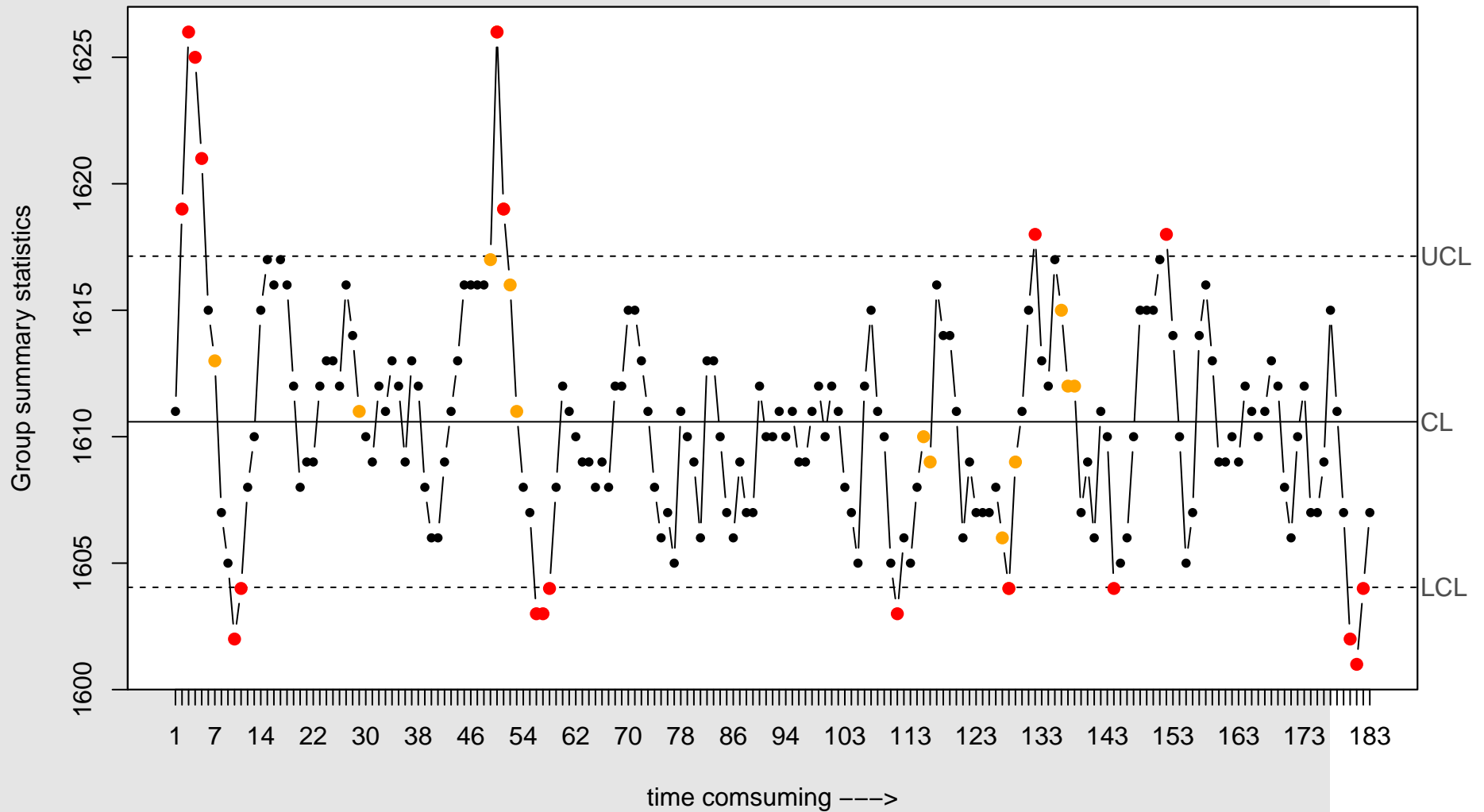
LCL = 1604.472

UCL = 1617.331

Number beyond limits = 18

Number violating runs = 12

# 119th column point of this product



Number of groups = 183

Center = 1610.59

StdDev = 2.182215

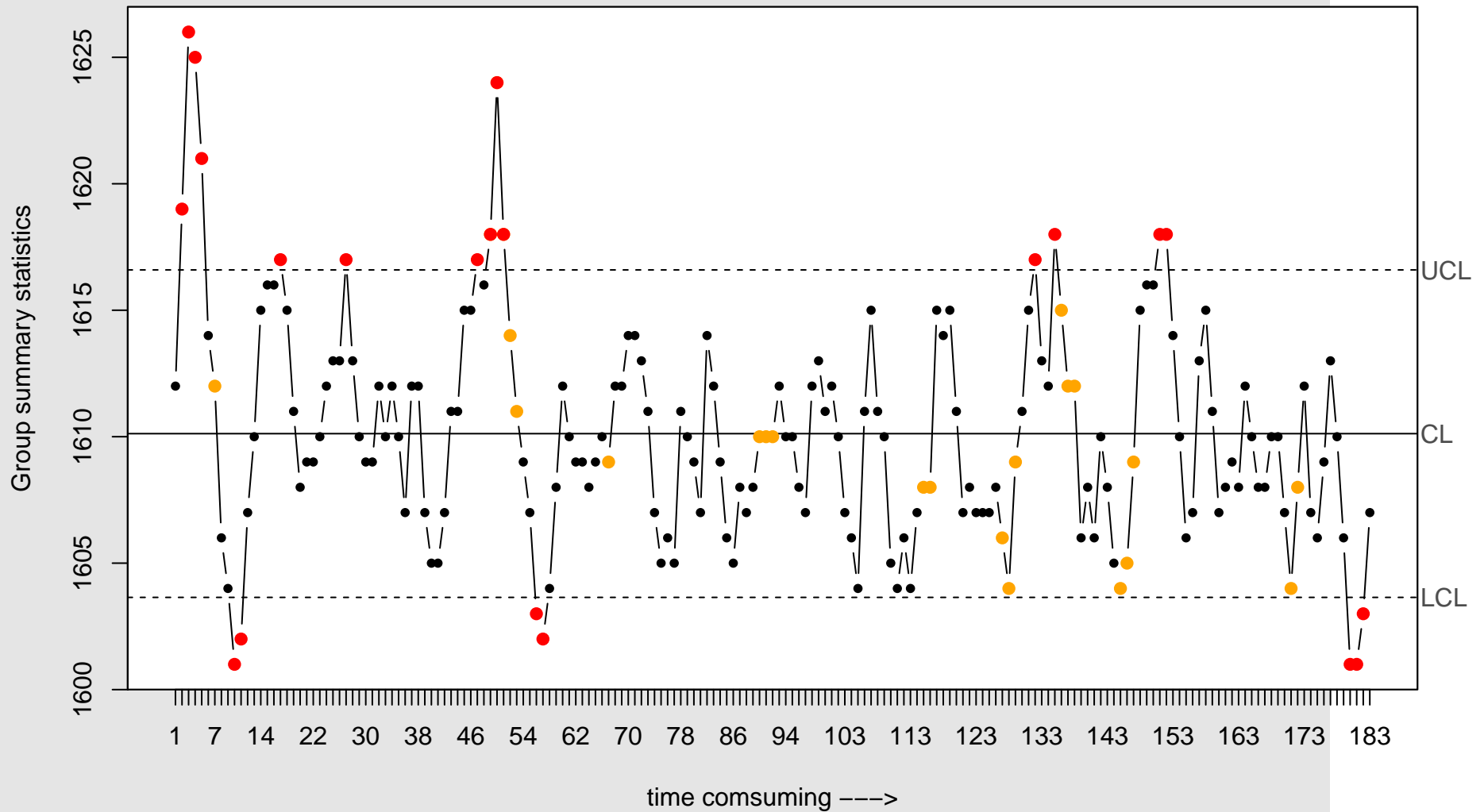
LCL = 1604.044

UCL = 1617.137

Number beyond limits = 19

Number violating runs = 15

## 120th column point of this product



Number of groups = 183

Center = 1610.12

StdDev = 2.15786

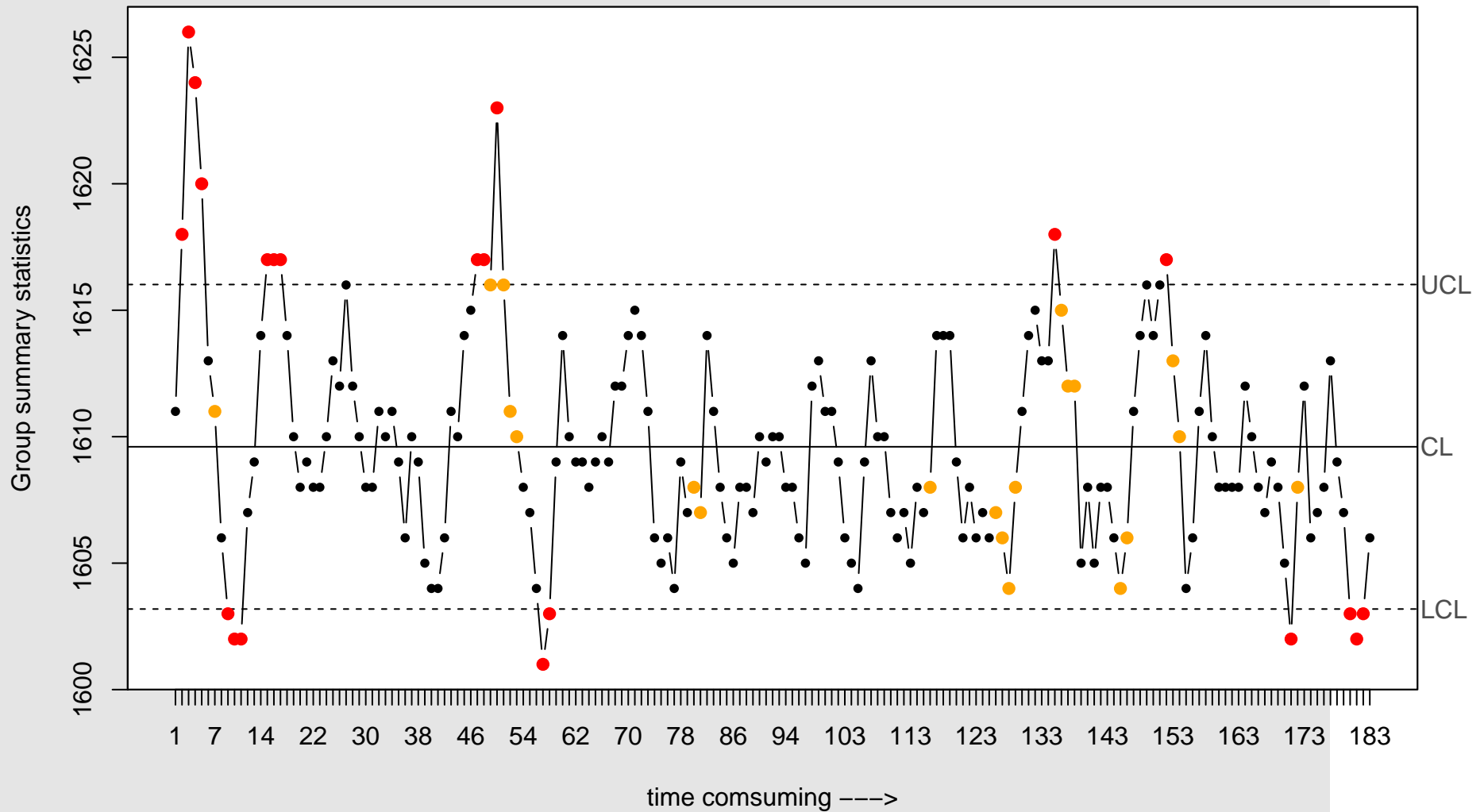
LCL = 1603.647

UCL = 1616.594

Number beyond limits = 21

Number violating runs = 23

## 121th column point of this product



Number of groups = 183

Center = 1609.601

StdDev = 2.138376

LCL = 1603.186

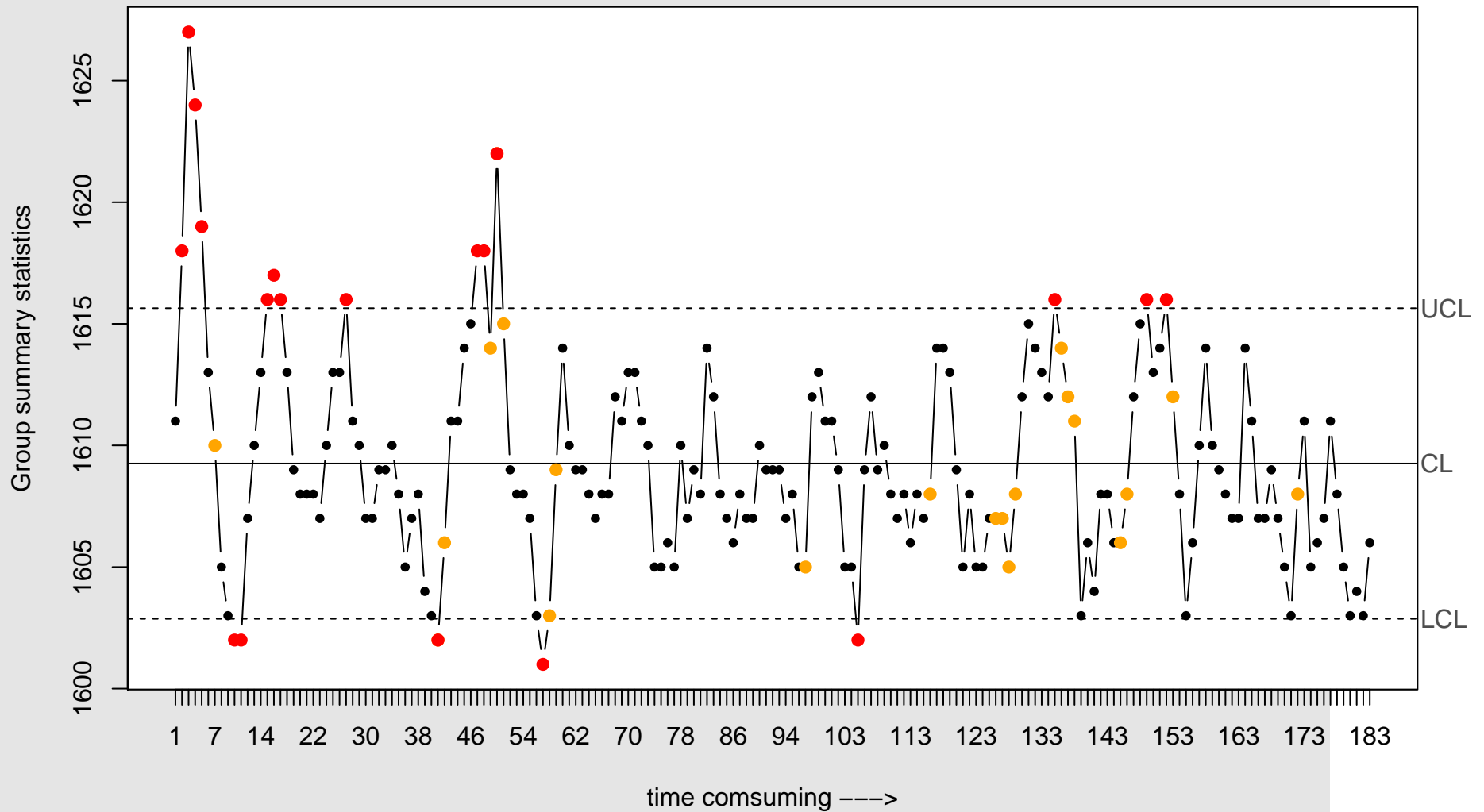
UCL = 1616.016

Number beyond limits = 21

Number violating runs = 21



## 122th column point of this product



Number of groups = 183

Center = 1609.257

StdDev = 2.128634

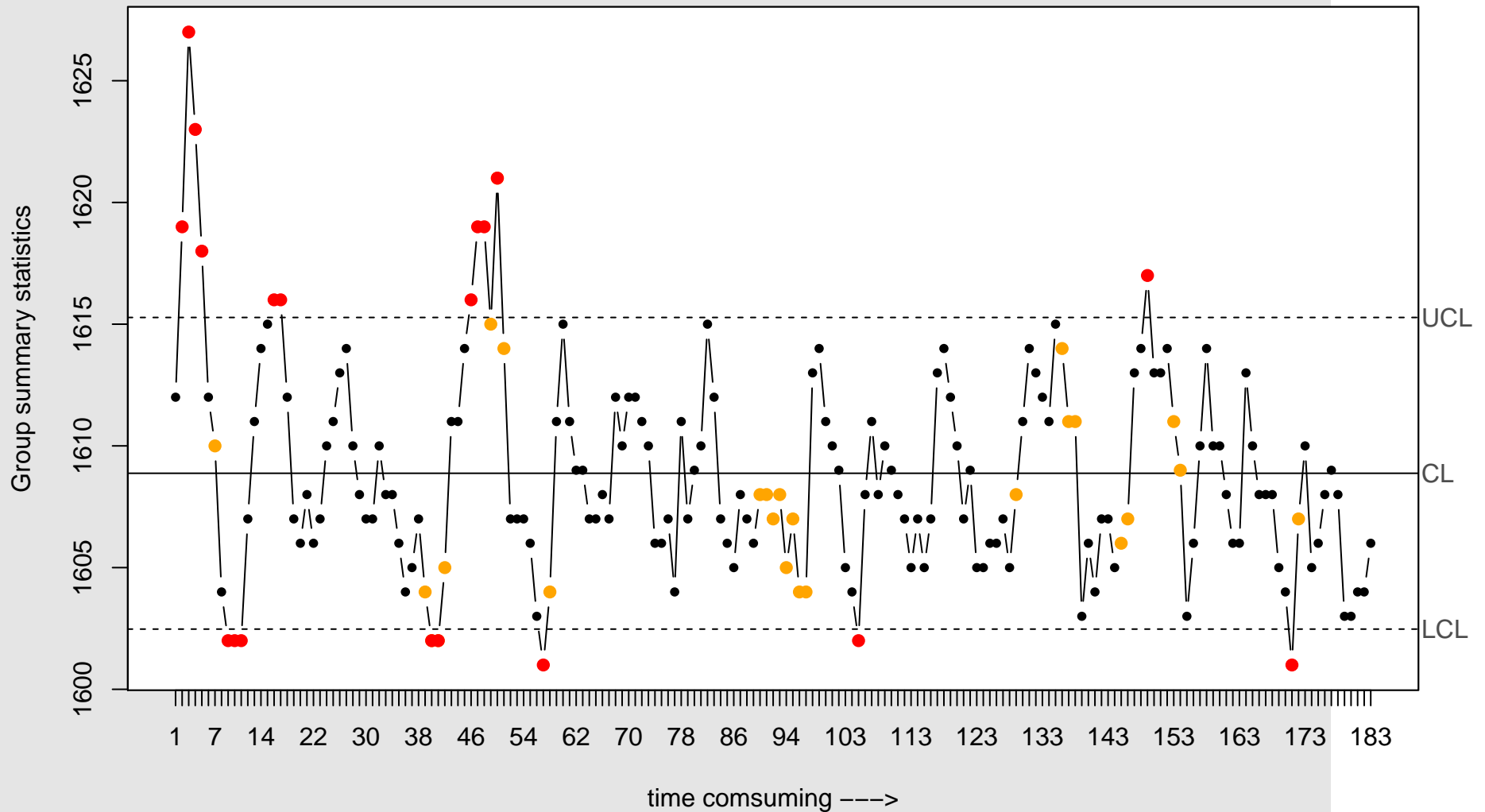
LCL = 1602.871

UCL = 1615.643

Number beyond limits = 19

Number violating runs = 21

# 123th column point of this product



Number of groups = 183

Center = 1608.874

StdDev = 2.133505

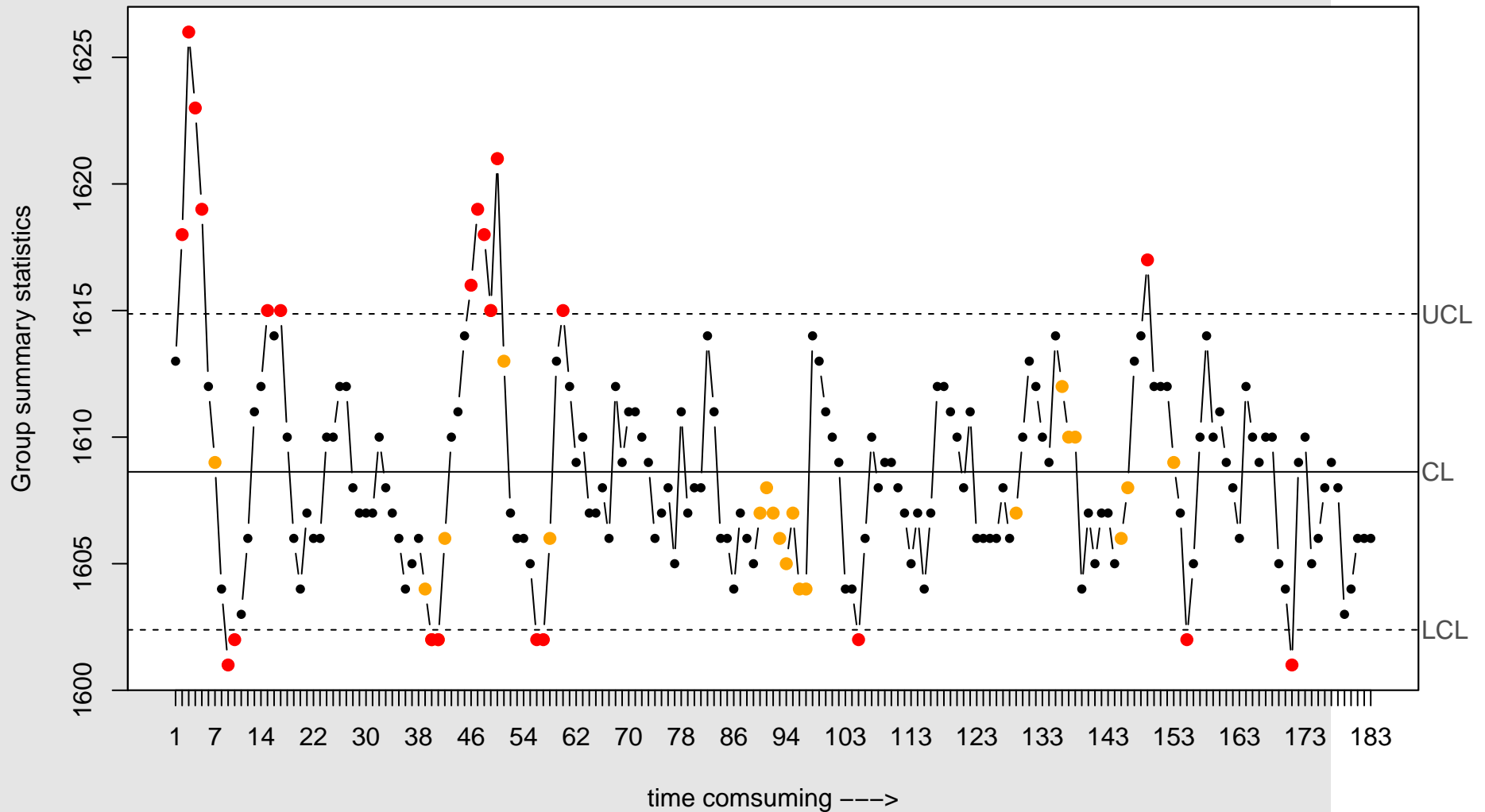
LCL = 1602.474

UCL = 1615.275

Number beyond limits = 19

Number violating runs = 26

## 124th column point of this product



Number of groups = 183

Center = 1608.628

StdDev = 2.079924

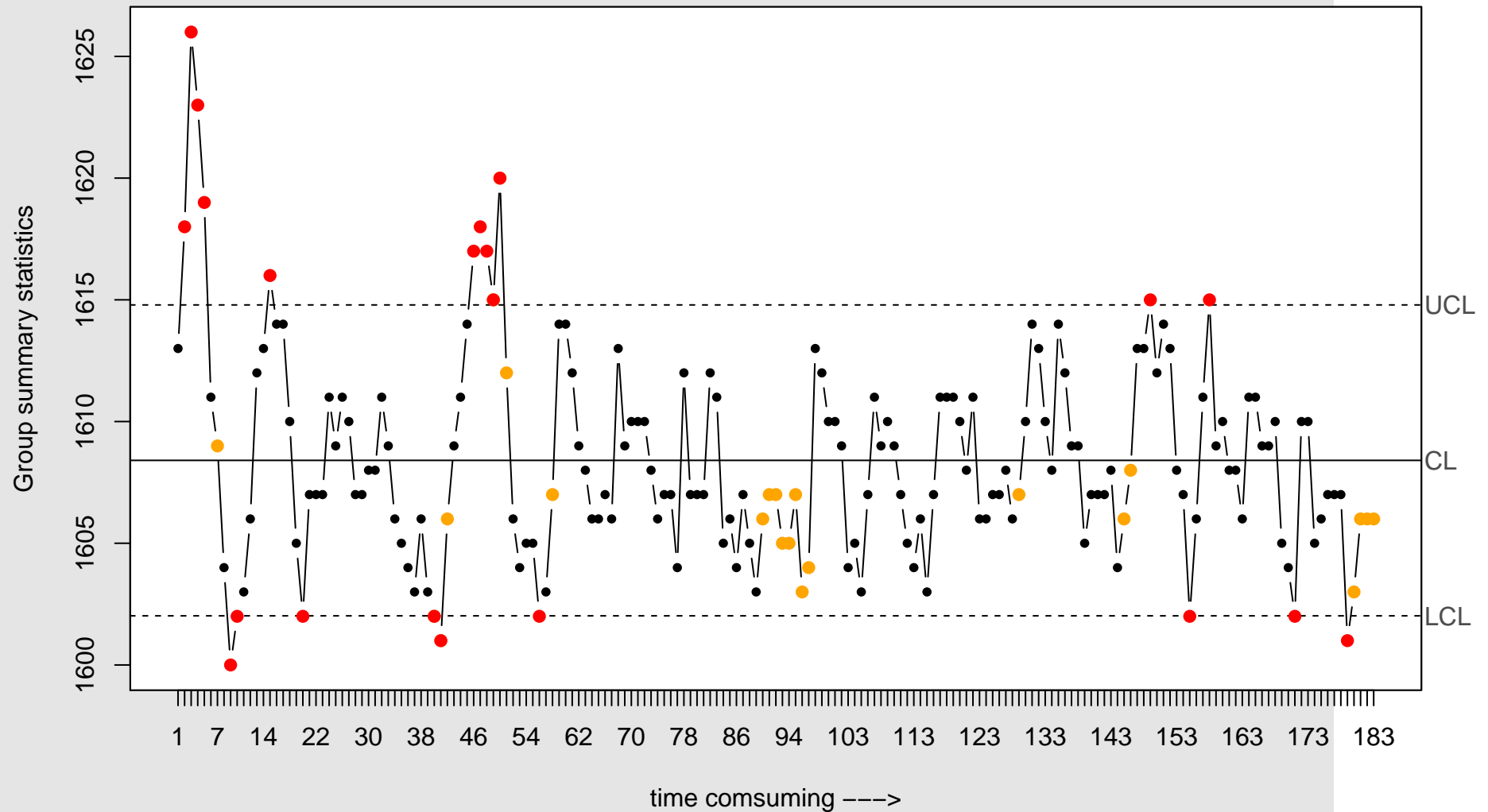
LCL = 1602.389

UCL = 1614.868

Number beyond limits = 22

Number violating runs = 24

## 125th column point of this product



Number of groups = 183

Center = 1608.404

StdDev = 2.128634

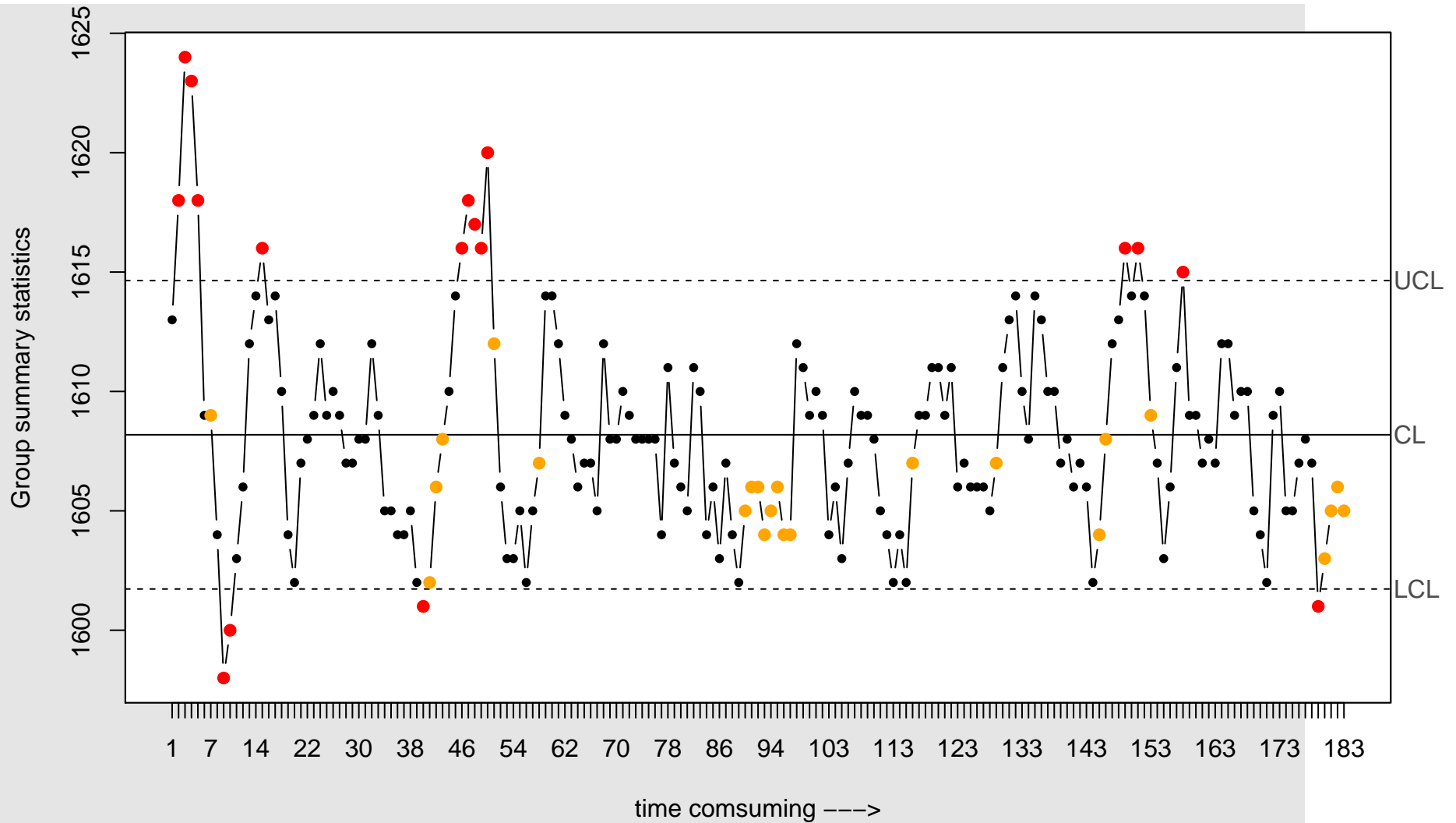
LCL = 1602.018

UCL = 1614.79

Number beyond limits = 21

Number violating runs = 23

# 126th column point of this product



Number of groups = 183

Center = 1608.186

StdDev = 2.152989

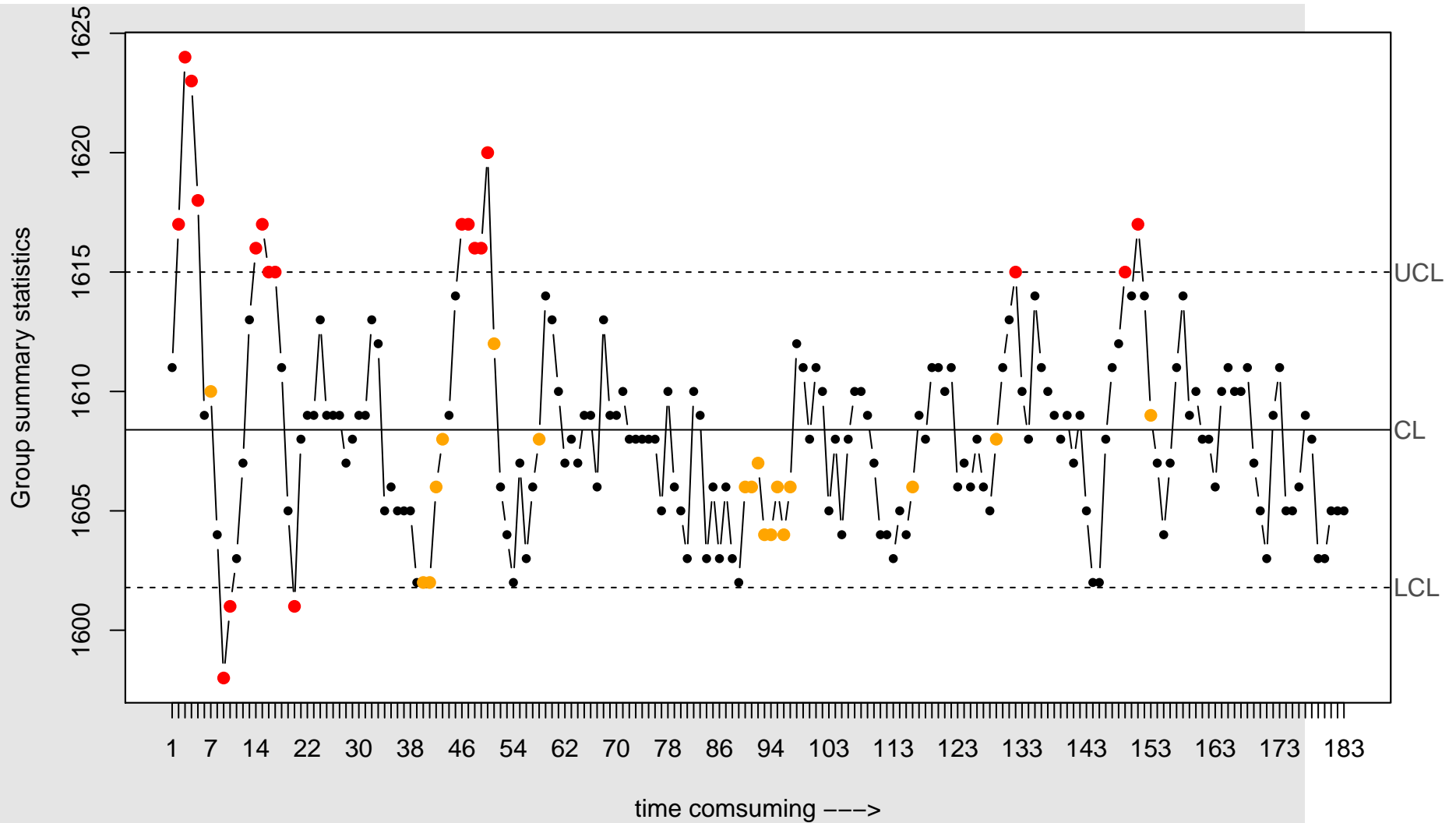
LCL = 1601.727

UCL = 1614.645

Number beyond limits = 17

Number violating runs = 25

# 127th column point of this product

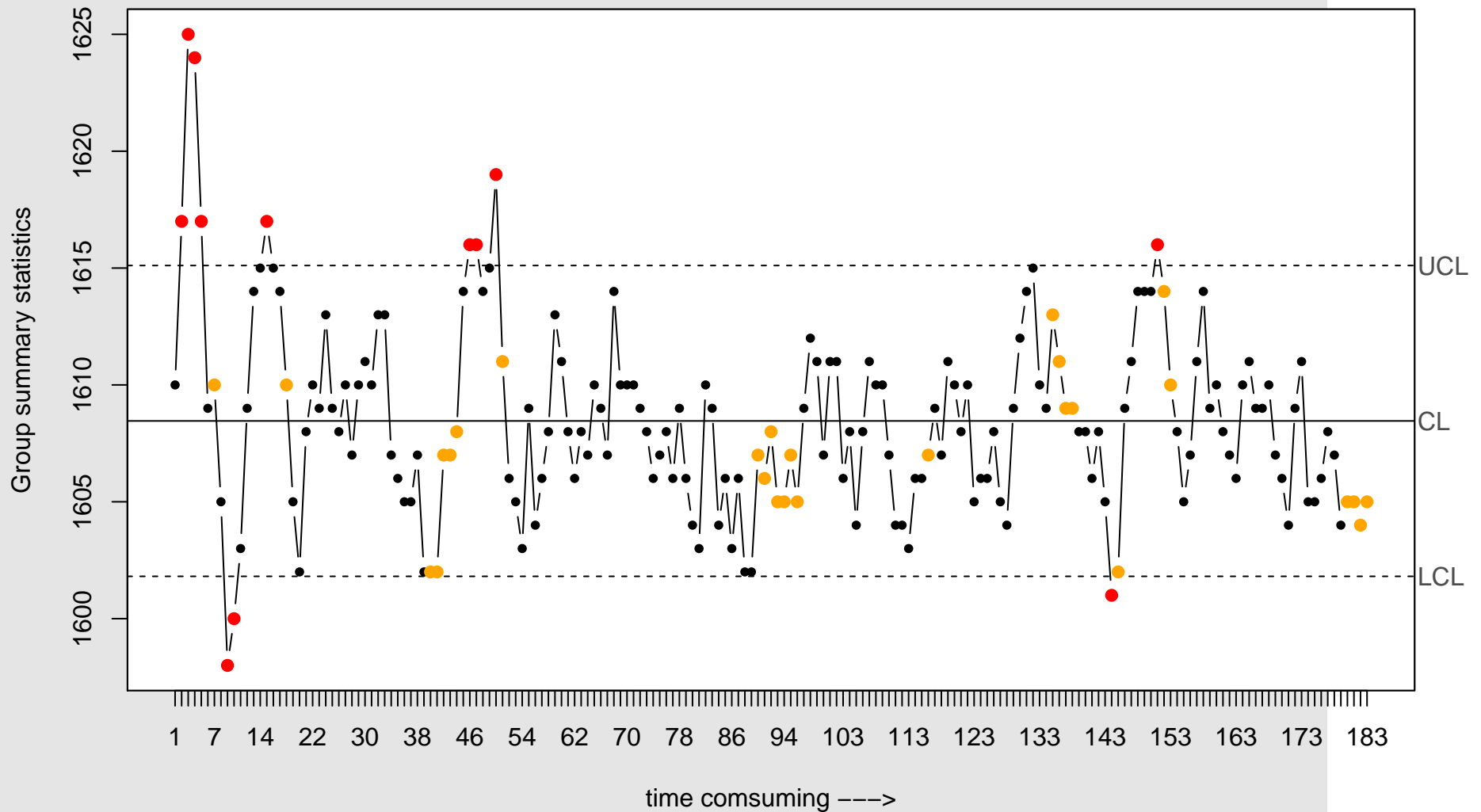


Number of groups = 183  
Center = 1608.393  
StdDev = 2.201699

LCL = 1601.788  
UCL = 1614.999

Number beyond limits = 19  
Number violating runs = 19

## 128th column point of this product



Number of groups = 183

Center = 1608.459

StdDev = 2.216312

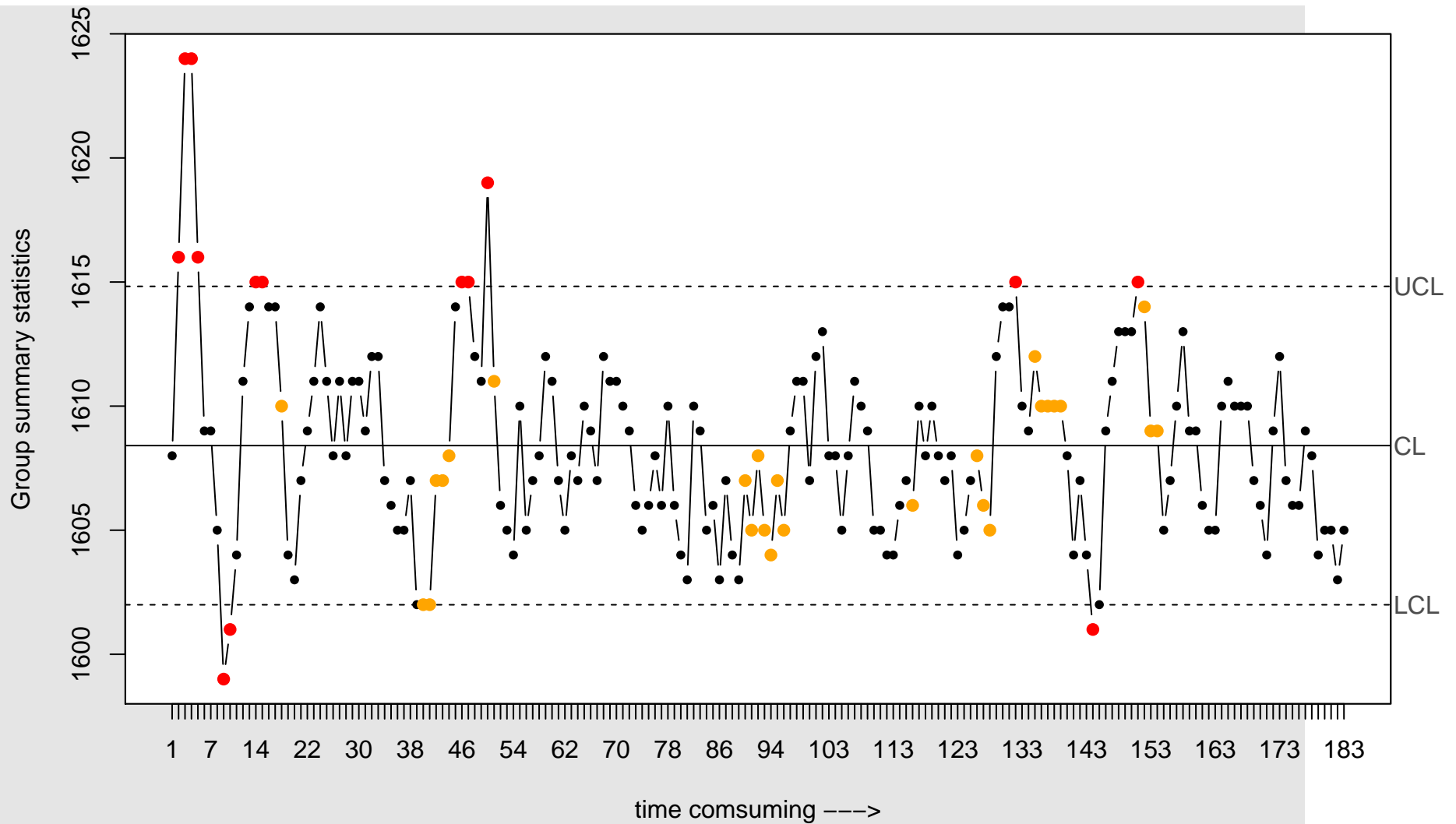
LCL = 1601.81

UCL = 1615.108

Number beyond limits = 12

Number violating runs = 27

# 129th column point of this product



Number of groups = 183

Center = 1608.41

StdDev = 2.138376

LCL = 1601.995

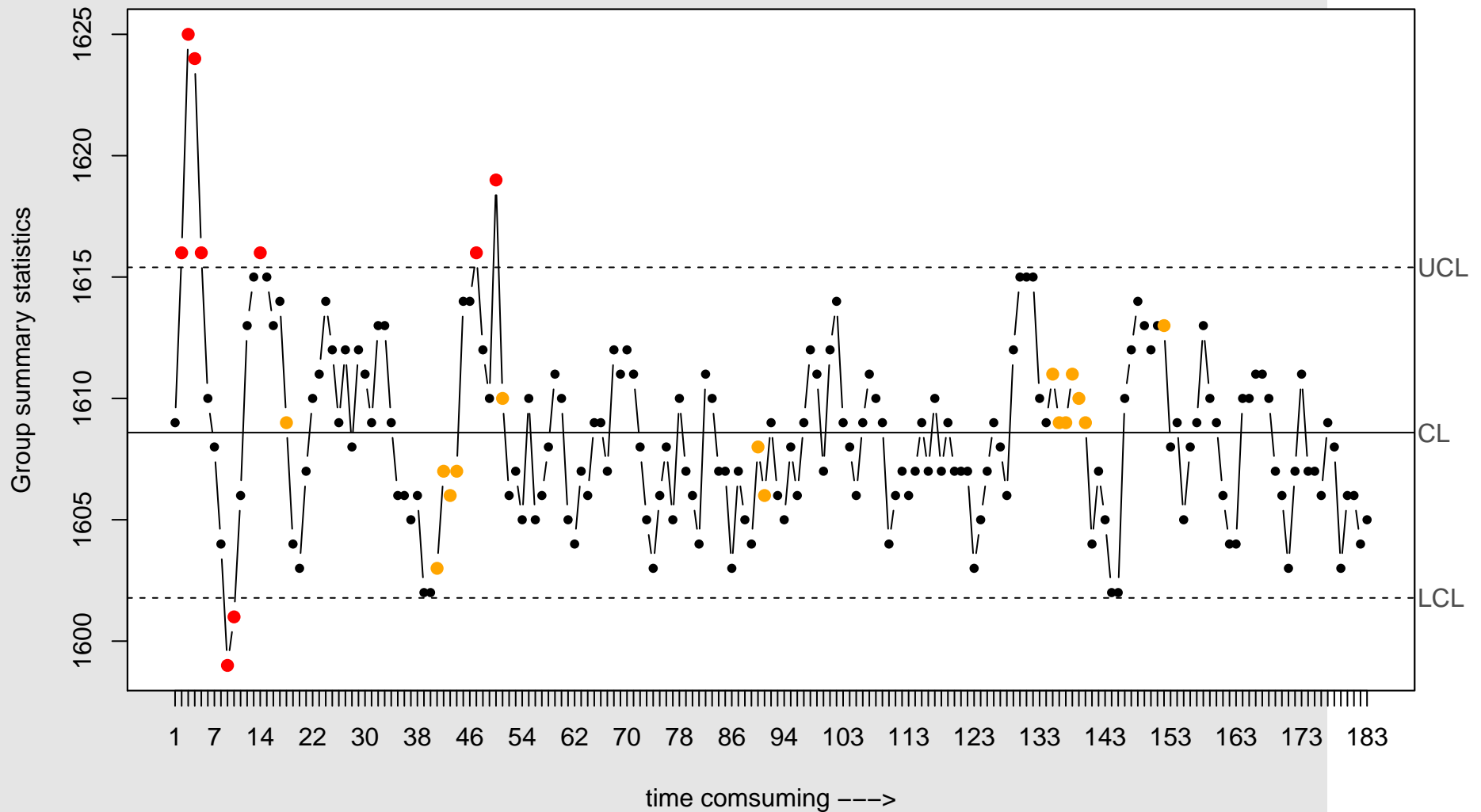
UCL = 1614.825

Number beyond limits = 14

Number violating runs = 26



# 130th column point of this product



Number of groups = 183

Center = 1608.59

StdDev = 2.269893

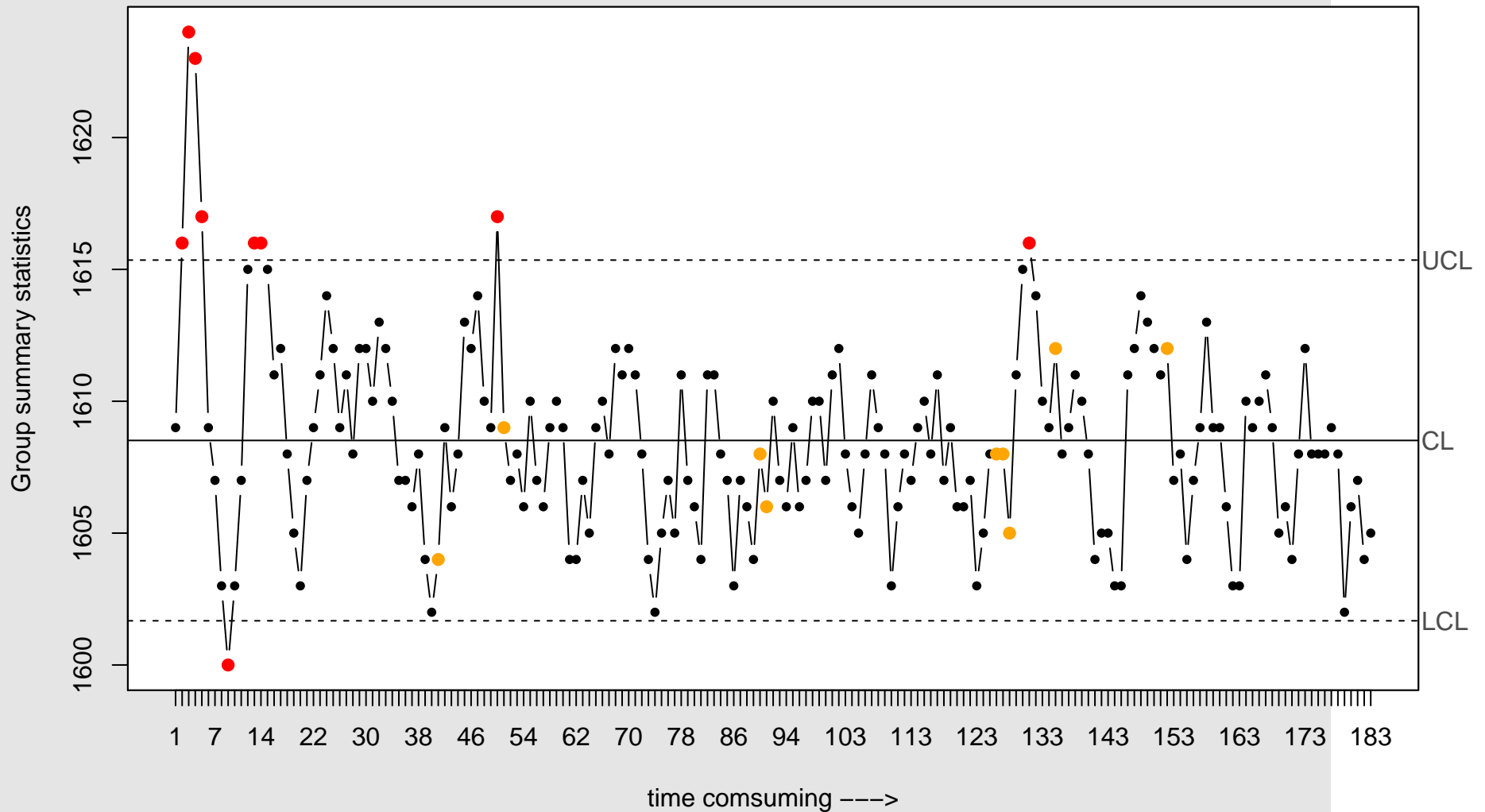
LCL = 1601.78

UCL = 1615.4

Number beyond limits = 9

Number violating runs = 15

### 131th column point of this product



Number of groups = 183

Center = 1608.514

StdDev = 2.279635

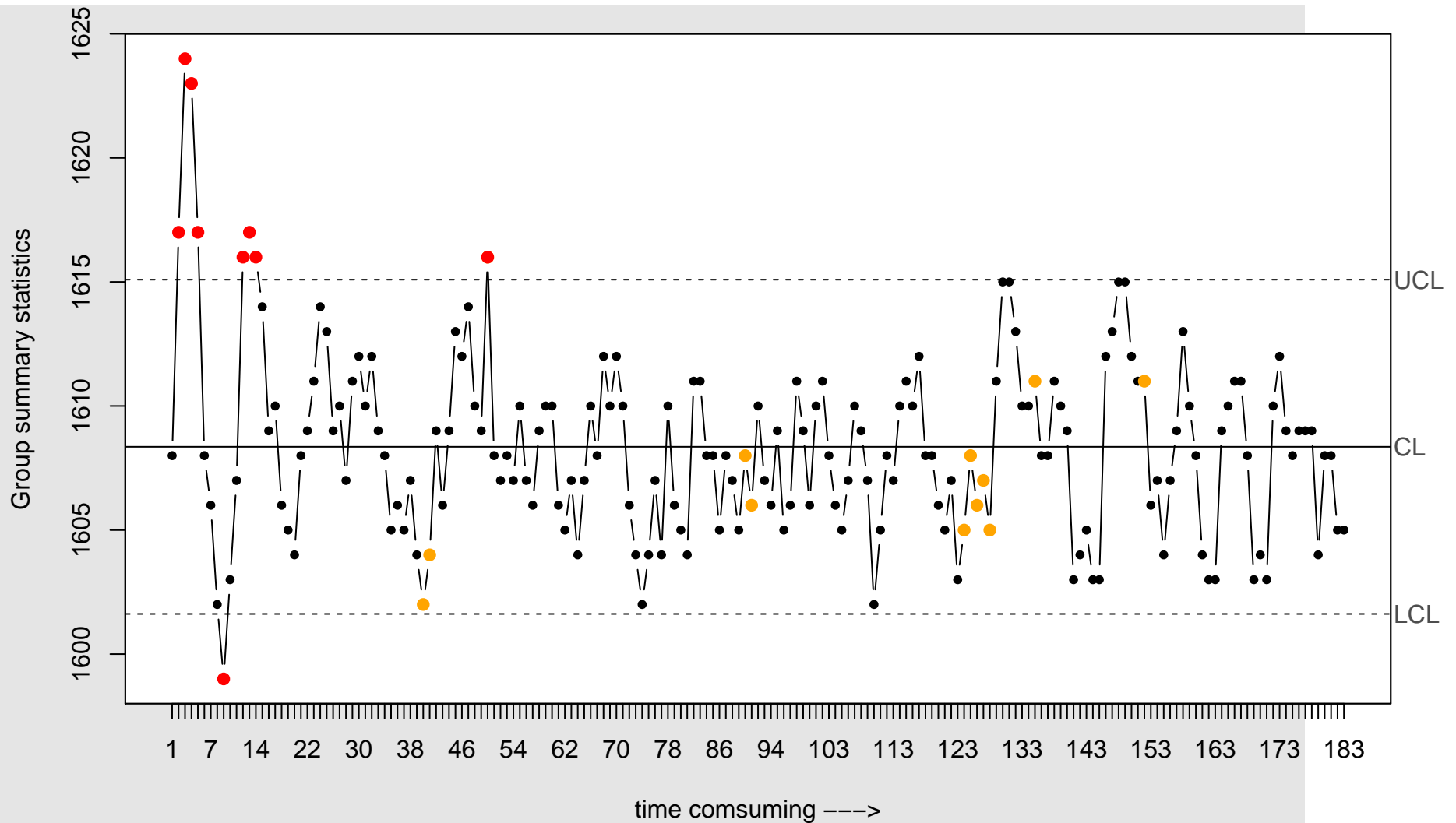
LCL = 1601.675

UCL = 1615.353

Number beyond limits = 9

Number violating runs = 9

# 132th column point of this product



Number of groups = 183

Center = 1608.355

StdDev = 2.245538

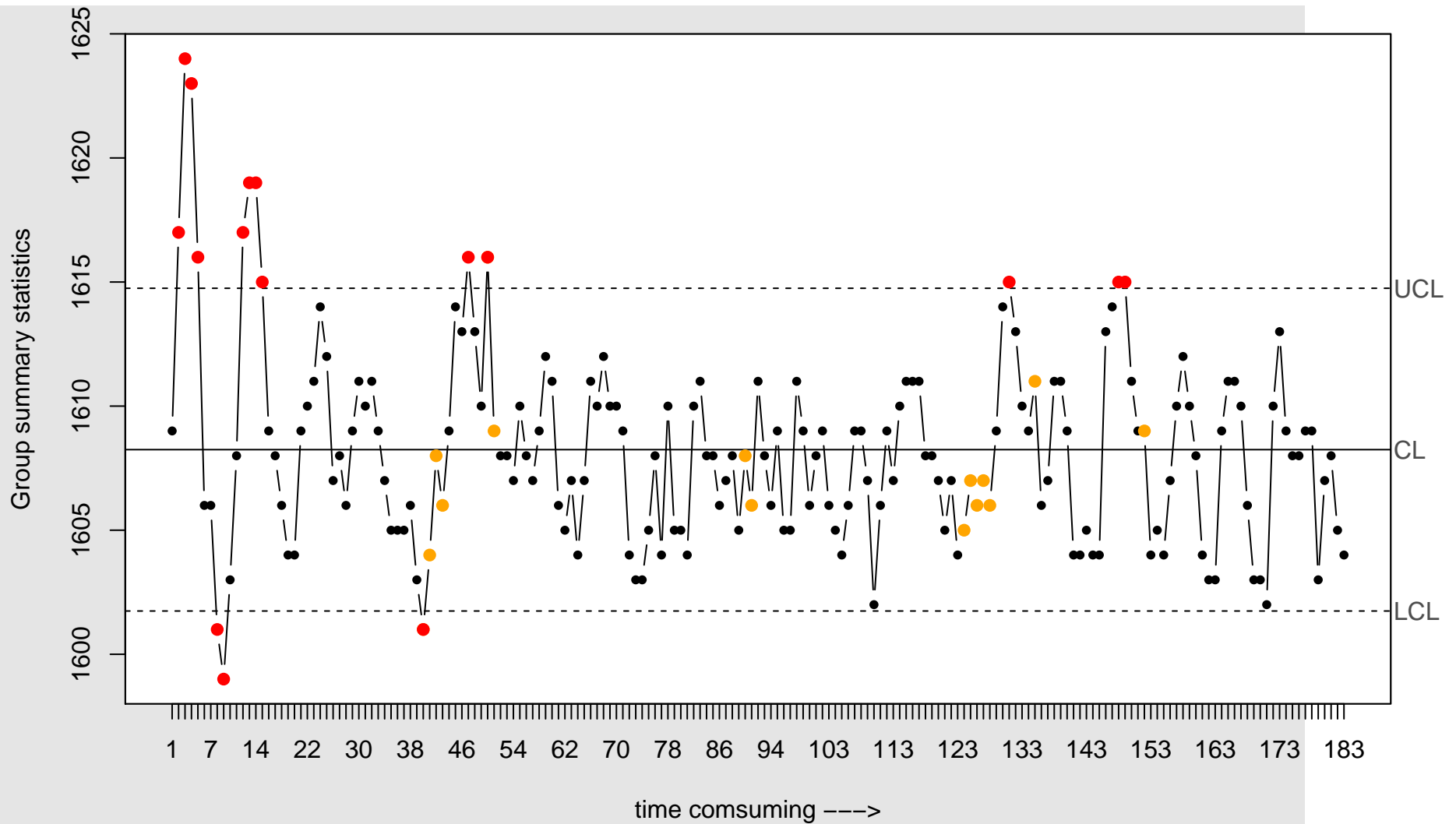
LCL = 1601.619

UCL = 1615.092

Number beyond limits = 9

Number violating runs = 12

# 133th column point of this product



Number of groups = 183

Center = 1608.246

StdDev = 2.167602

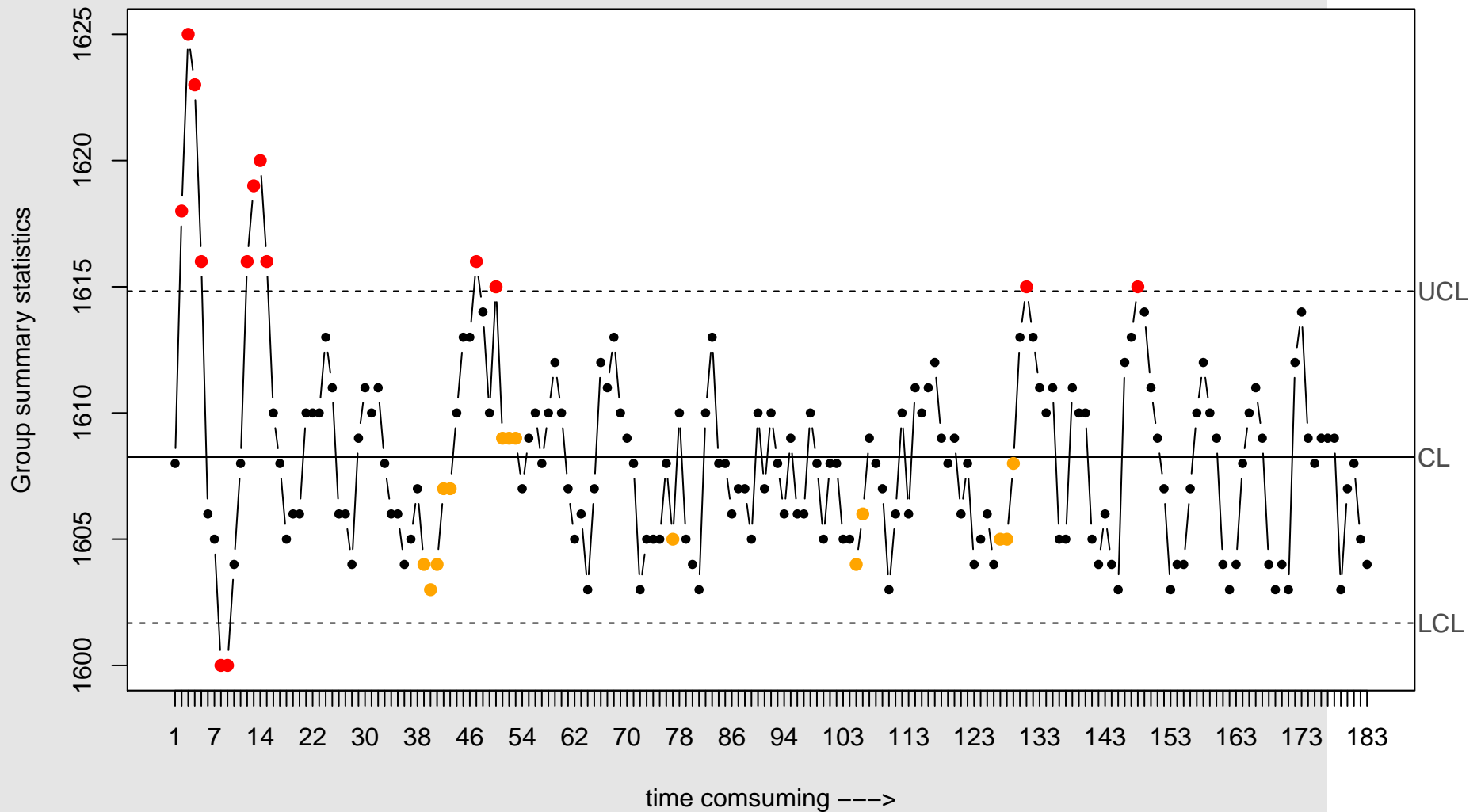
LCL = 1601.743

UCL = 1614.749

Number beyond limits = 16

Number violating runs = 15

# 134th column point of this product



Number of groups = 183

Center = 1608.251

StdDev = 2.191957

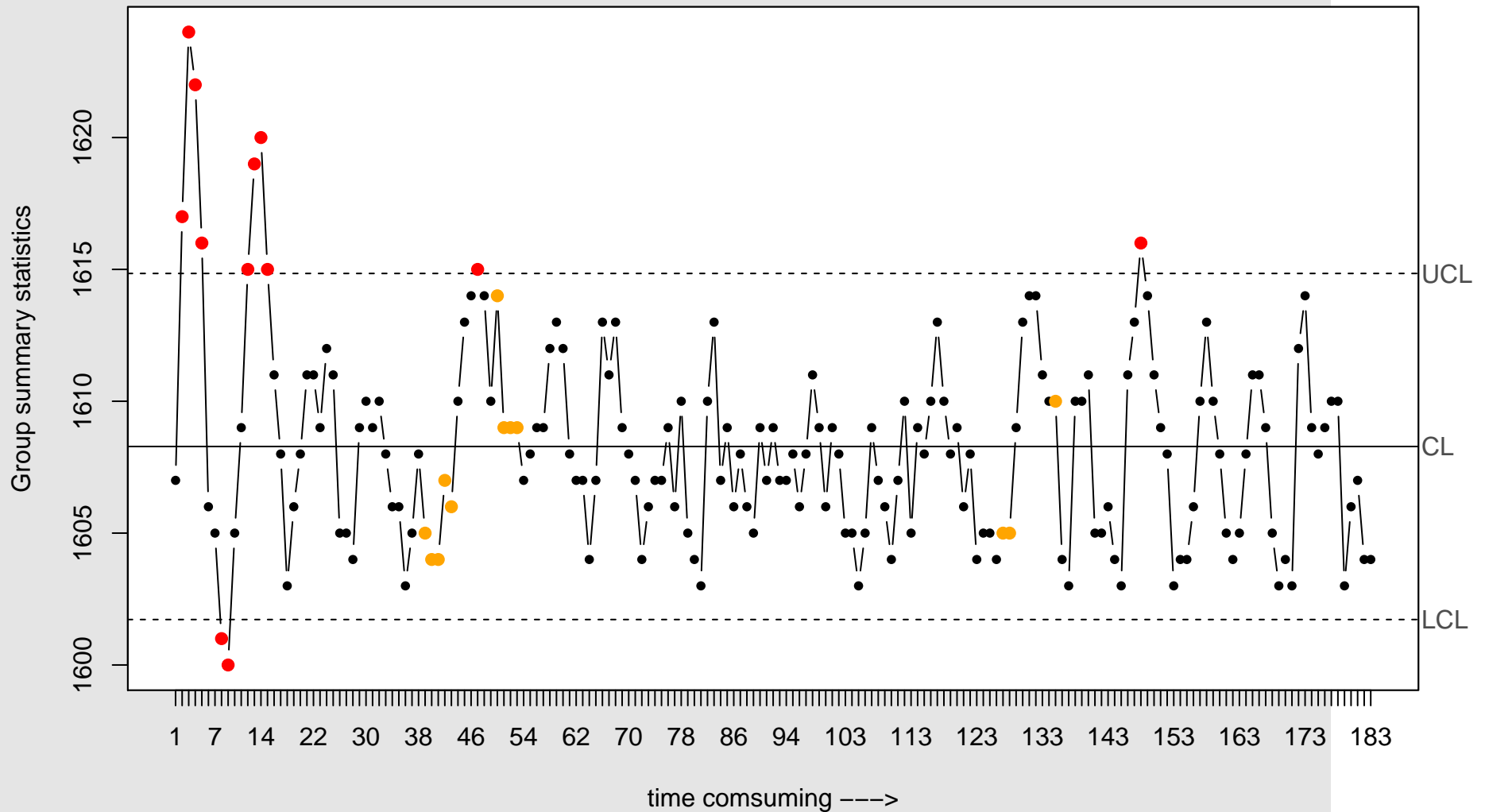
LCL = 1601.675

UCL = 1614.827

Number beyond limits = 14

Number violating runs = 15

### 135th column point of this product



Number of groups = 183

Center = 1608.284

StdDev = 2.187086

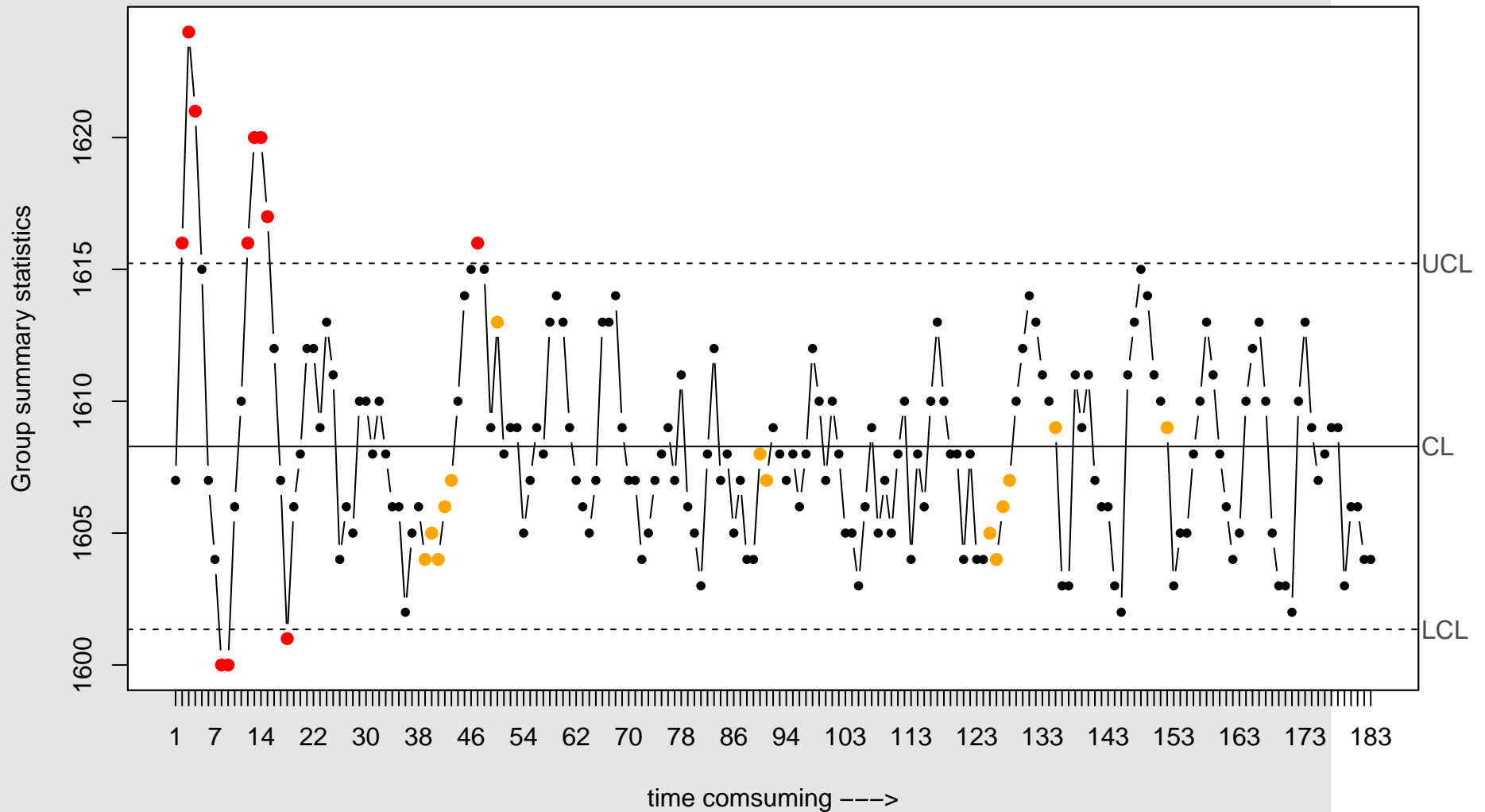
LCL = 1601.723

UCL = 1614.845

Number beyond limits = 12

Number violating runs = 12

### 136th column point of this product



Number of groups = 183

Center = 1608.29

StdDev = 2.313732

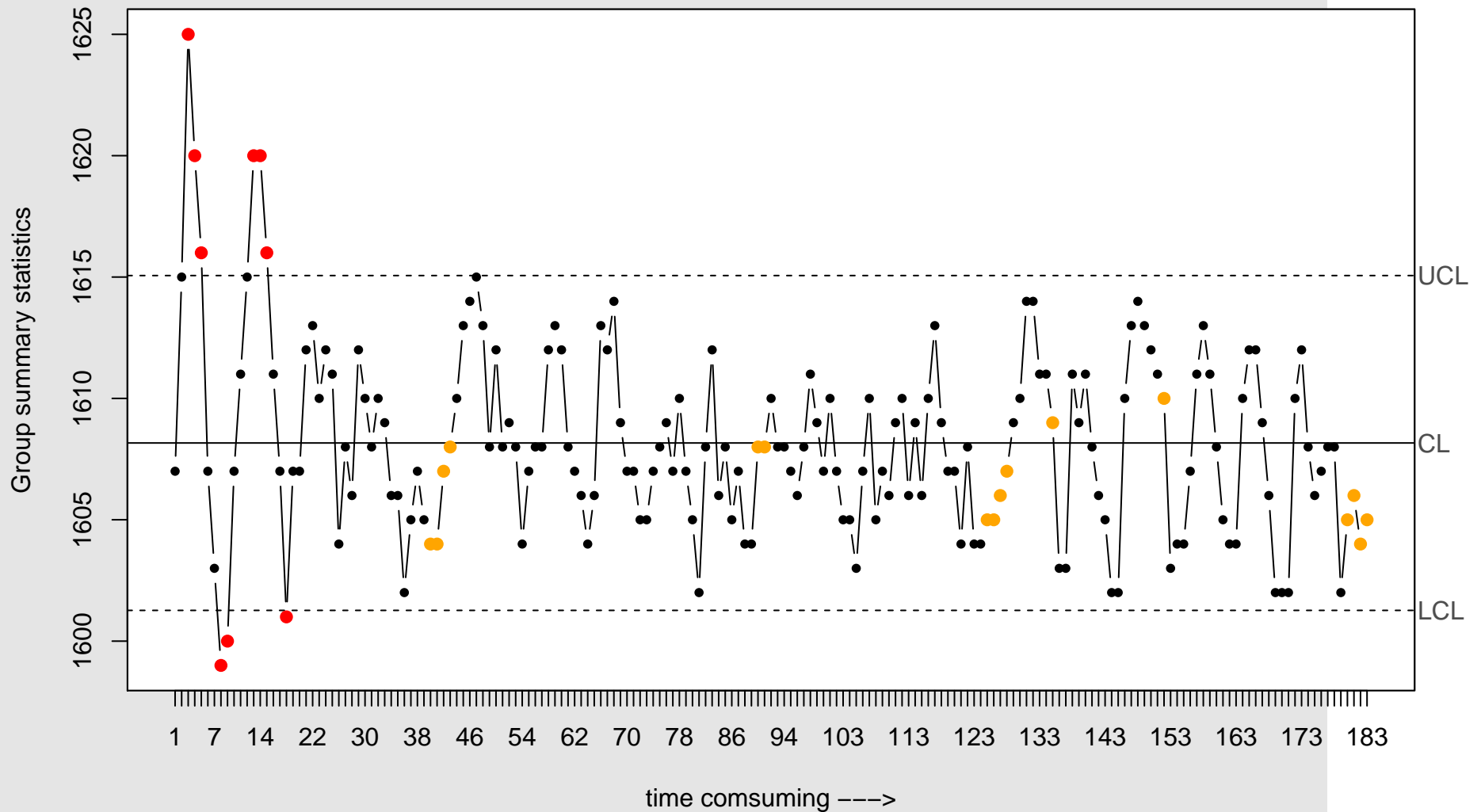
LCL = 1601.348

UCL = 1615.231

Number beyond limits = 11

Number violating runs = 14

### 137th column point of this product



Number of groups = 183

Center = 1608.164

StdDev = 2.299119

LCL = 1601.267

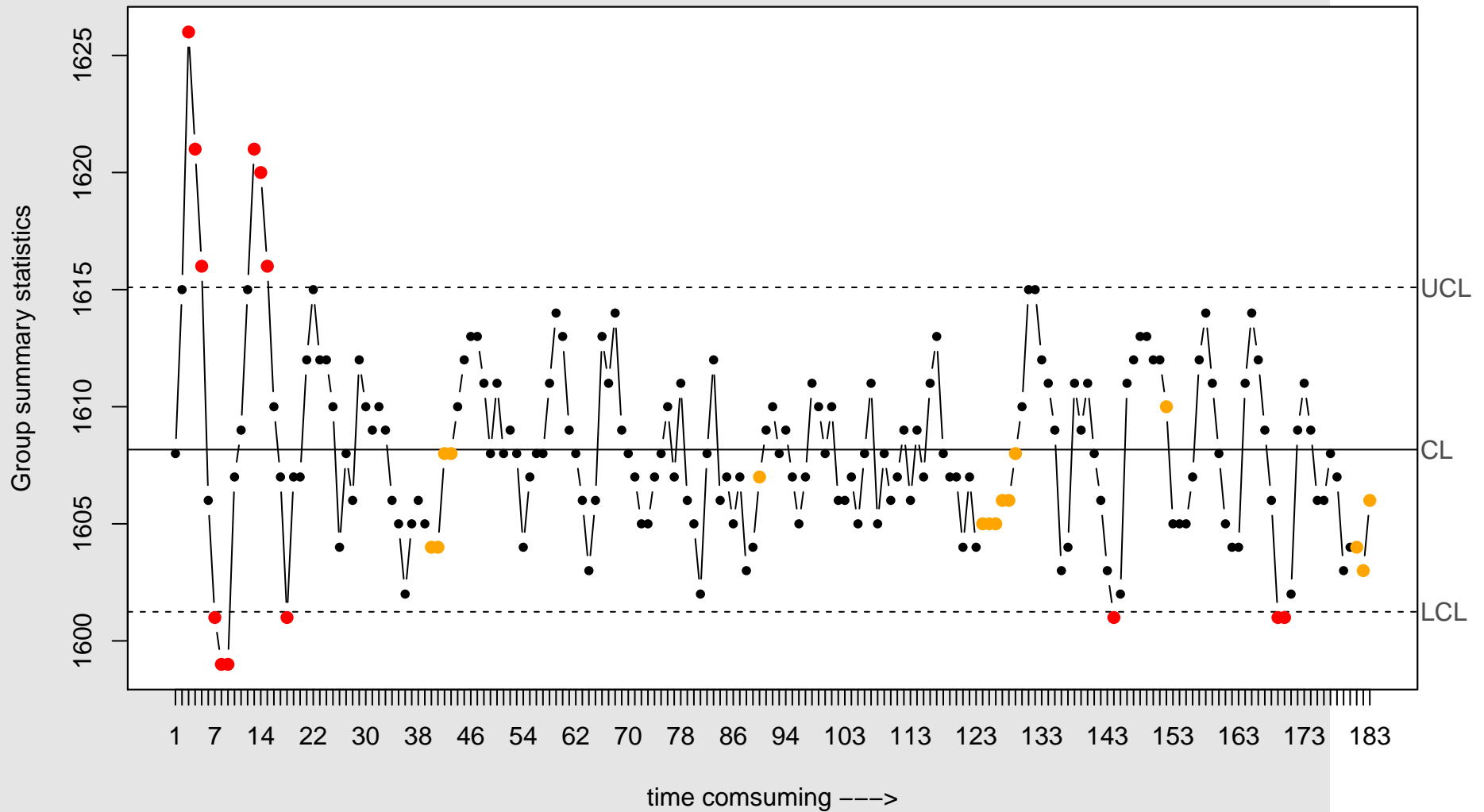
UCL = 1615.061

Number beyond limits = 9

Number violating runs = 16



### 138th column point of this product



Number of groups = 183

Center = 1608.169

StdDev = 2.308861

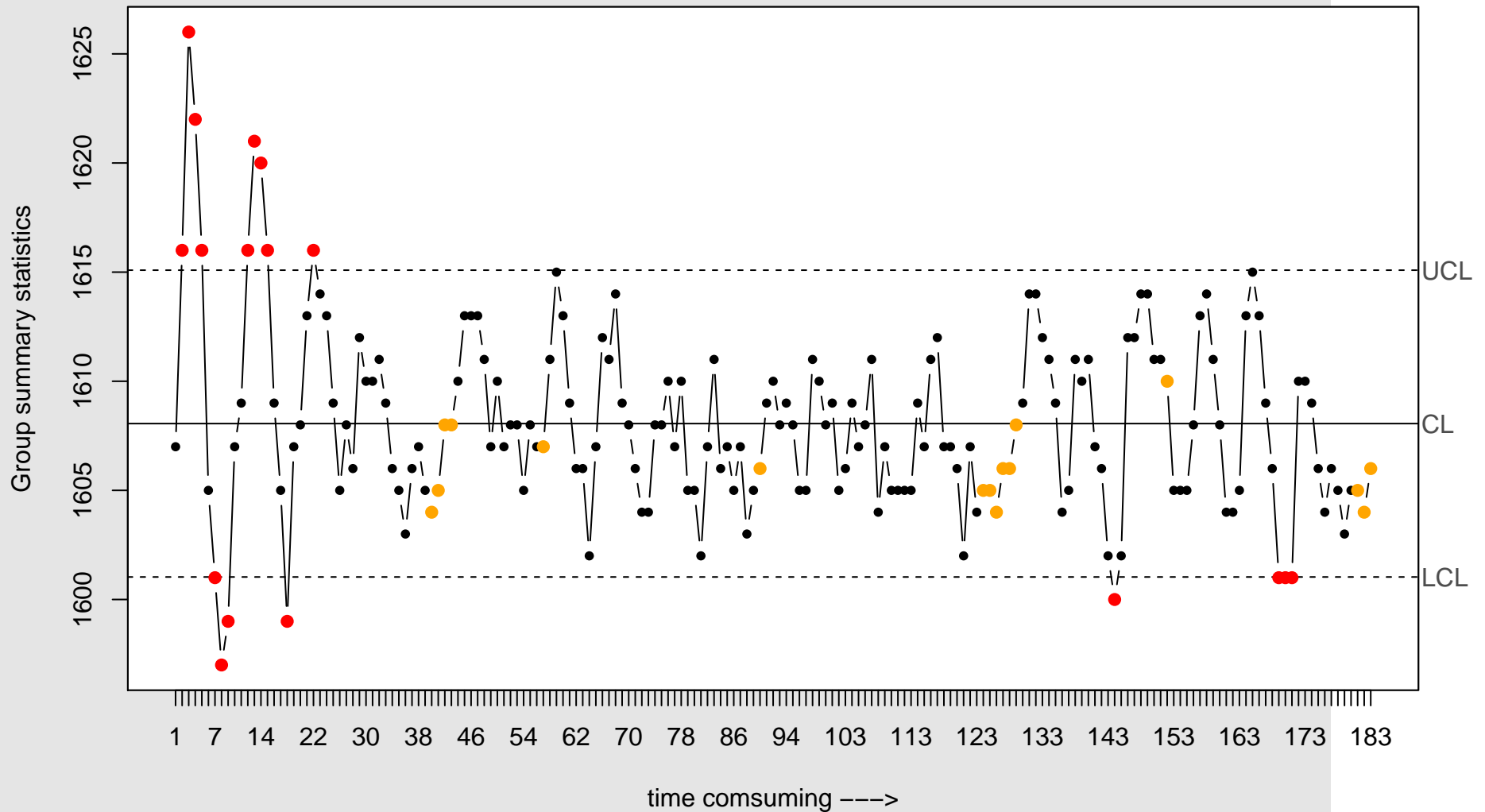
LCL = 1601.243

UCL = 1615.096

Number beyond limits = 13

Number violating runs = 15

### 139th column point of this product



Number of groups = 183

Center = 1608.06

StdDev = 2.342958

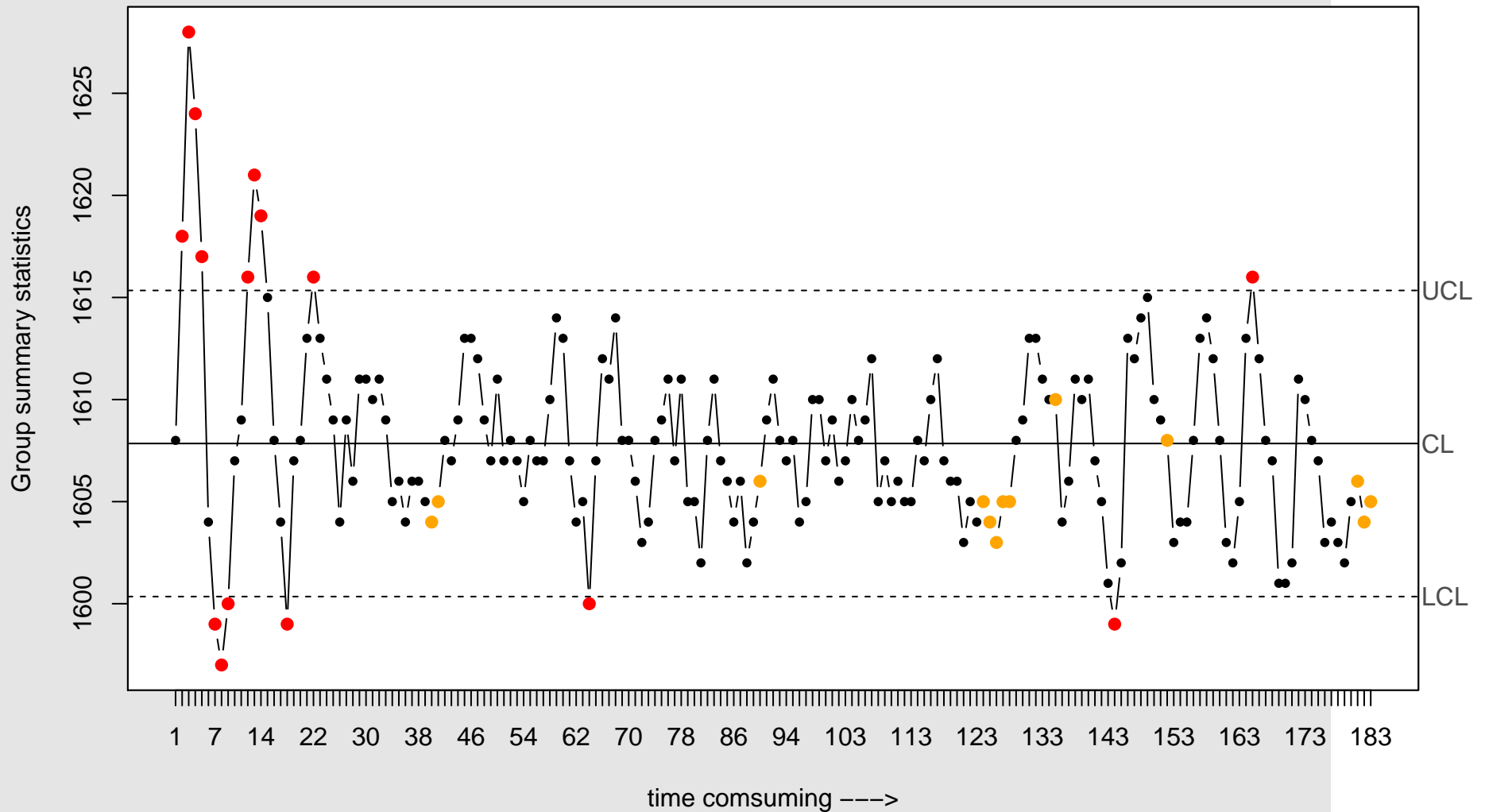
LCL = 1601.031

UCL = 1615.089

Number beyond limits = 17

Number violating runs = 16

# 140th column point of this product



Number of groups = 183

Center = 1607.847

StdDev = 2.498831

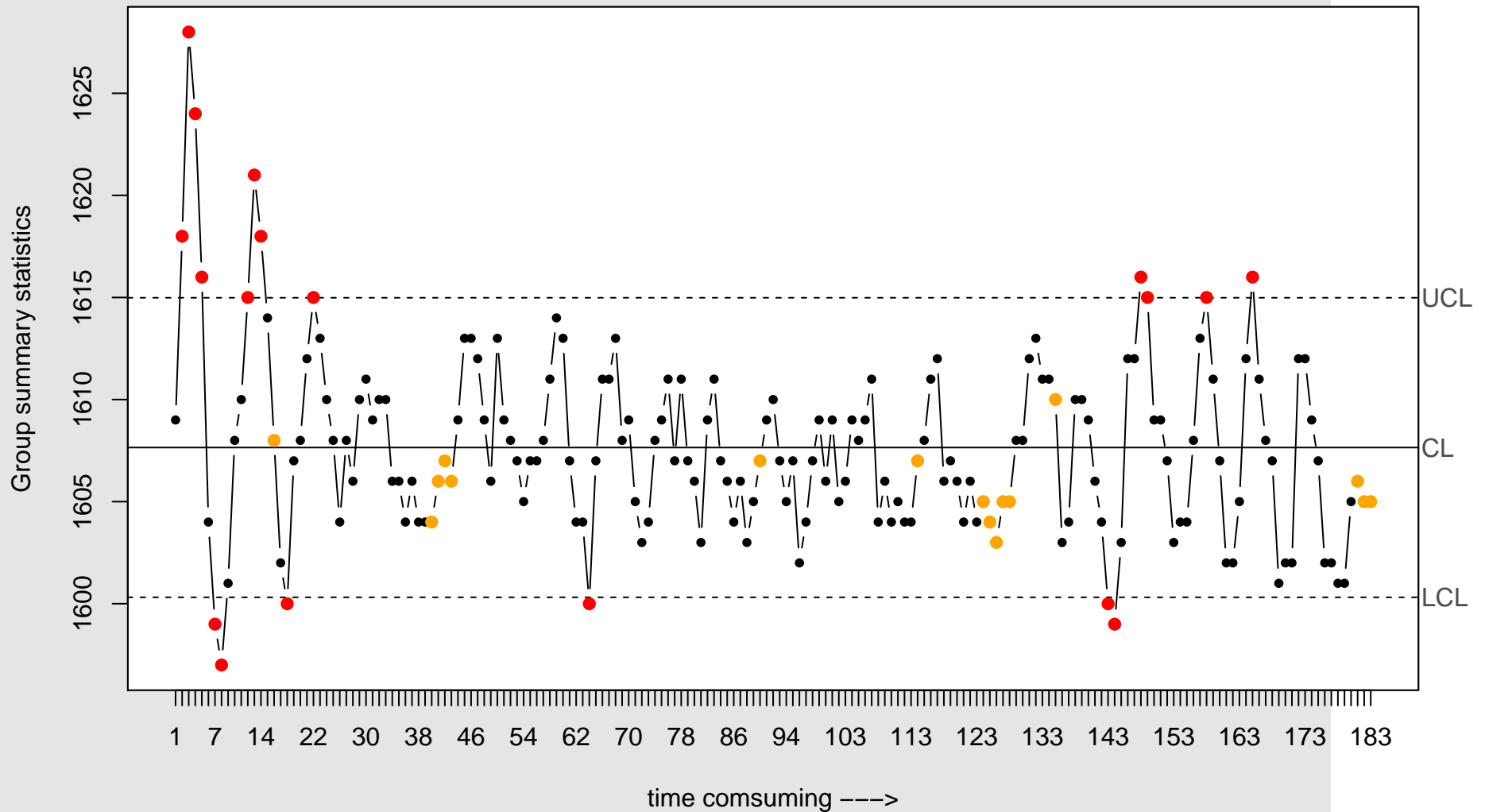
LCL = 1600.351

UCL = 1615.343

Number beyond limits = 15

Number violating runs = 13

# 141th column point of this product



Number of groups = 183

Center = 1607.65

StdDev = 2.44525

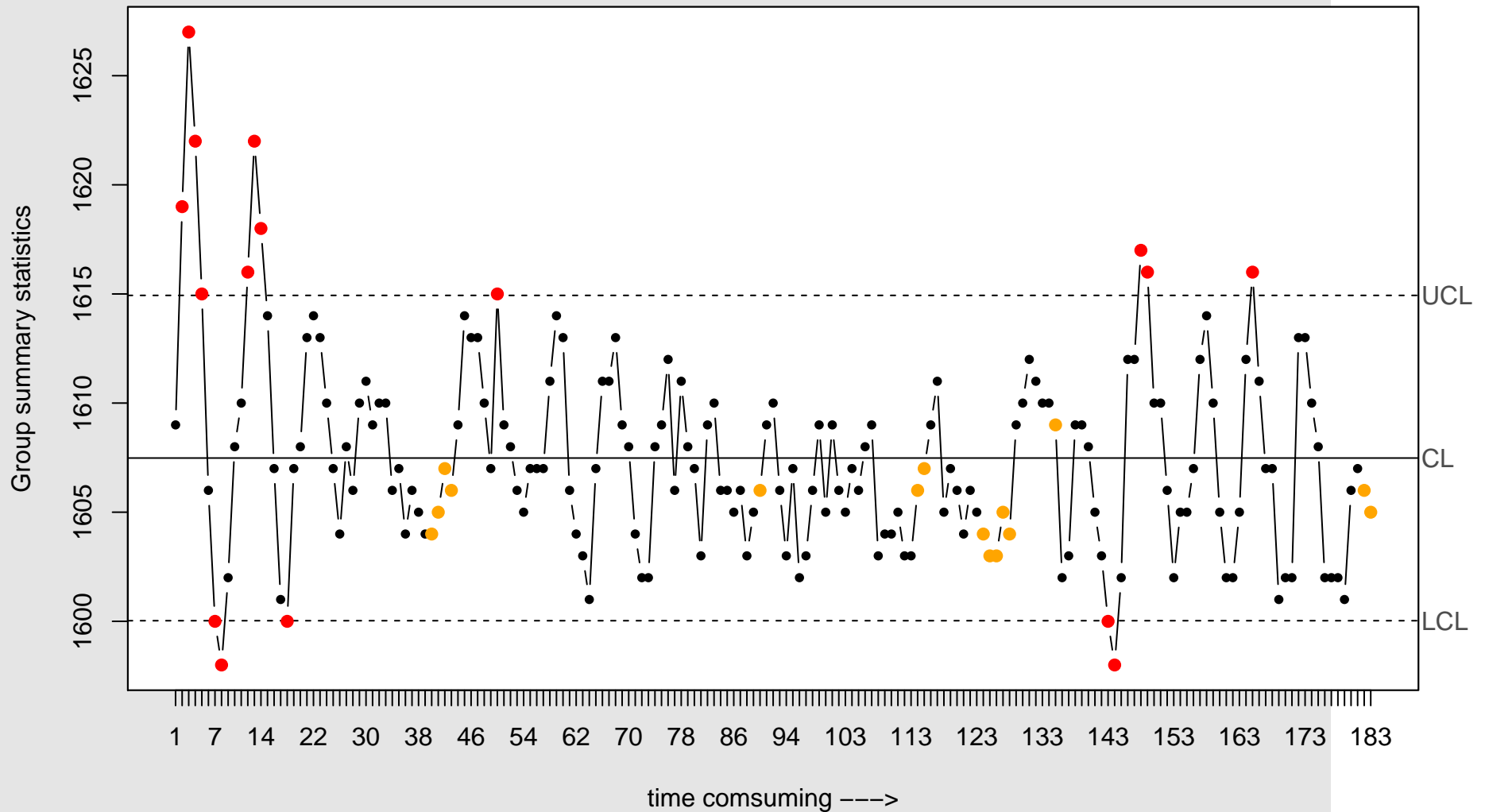
LCL = 1600.315

UCL = 1614.986

Number beyond limits = 18

Number violating runs = 16

# 142th column point of this product



Number of groups = 183

Center = 1607.481

StdDev = 2.484218

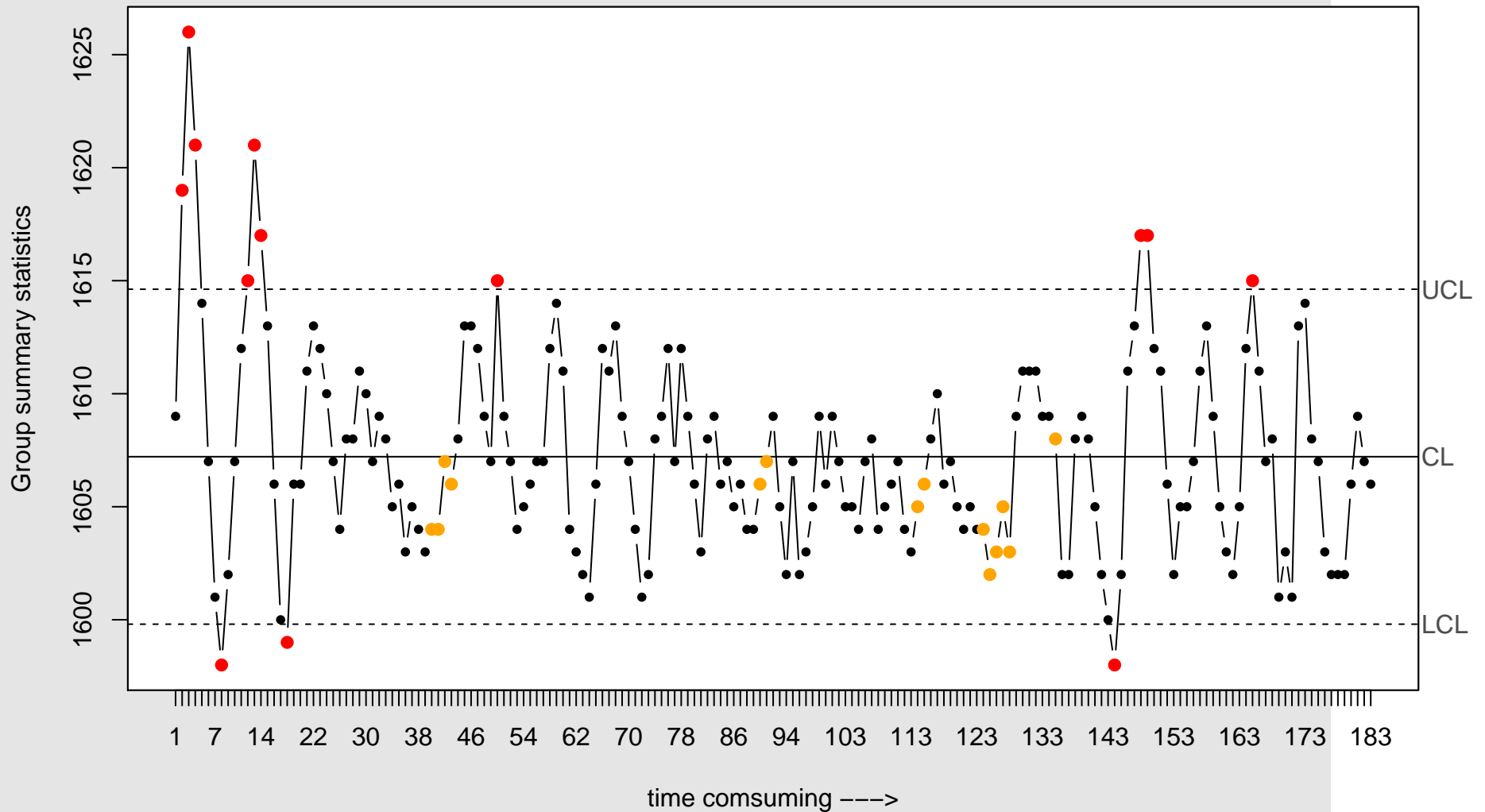
LCL = 1600.028

UCL = 1614.934

Number beyond limits = 16

Number violating runs = 15

# 143th column point of this product



Number of groups = 183

Center = 1607.213

StdDev = 2.469605

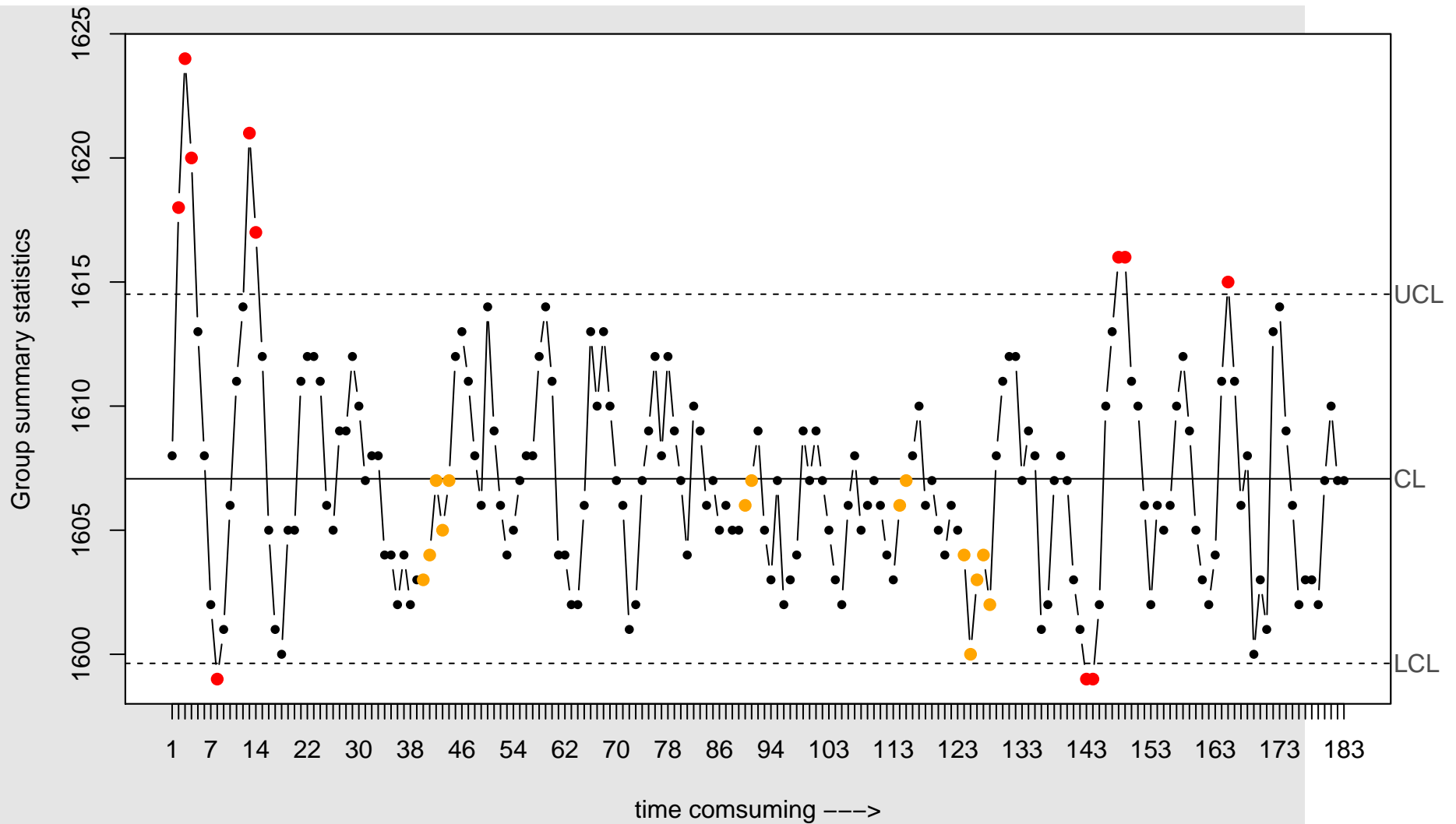
LCL = 1599.804

UCL = 1614.622

Number beyond limits = 13

Number violating runs = 14

# 144th column point of this product

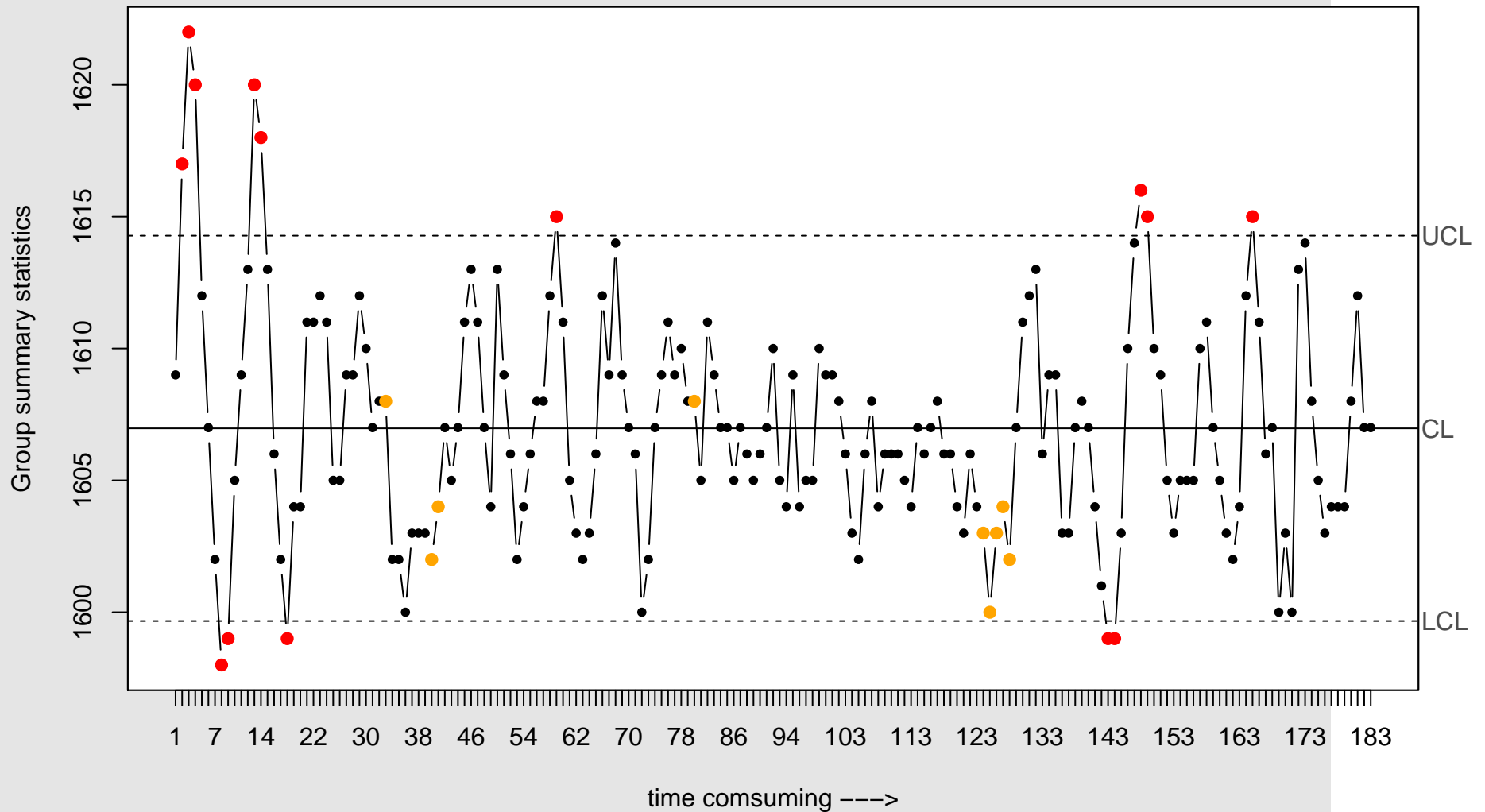


Number of groups = 183  
Center = 1607.071  
StdDev = 2.479347

LCL = 1599.633  
UCL = 1614.509

Number beyond limits = 11  
Number violating runs = 14

# 145th column point of this product



Number of groups = 183

Center = 1606.973

StdDev = 2.435508

LCL = 1599.666

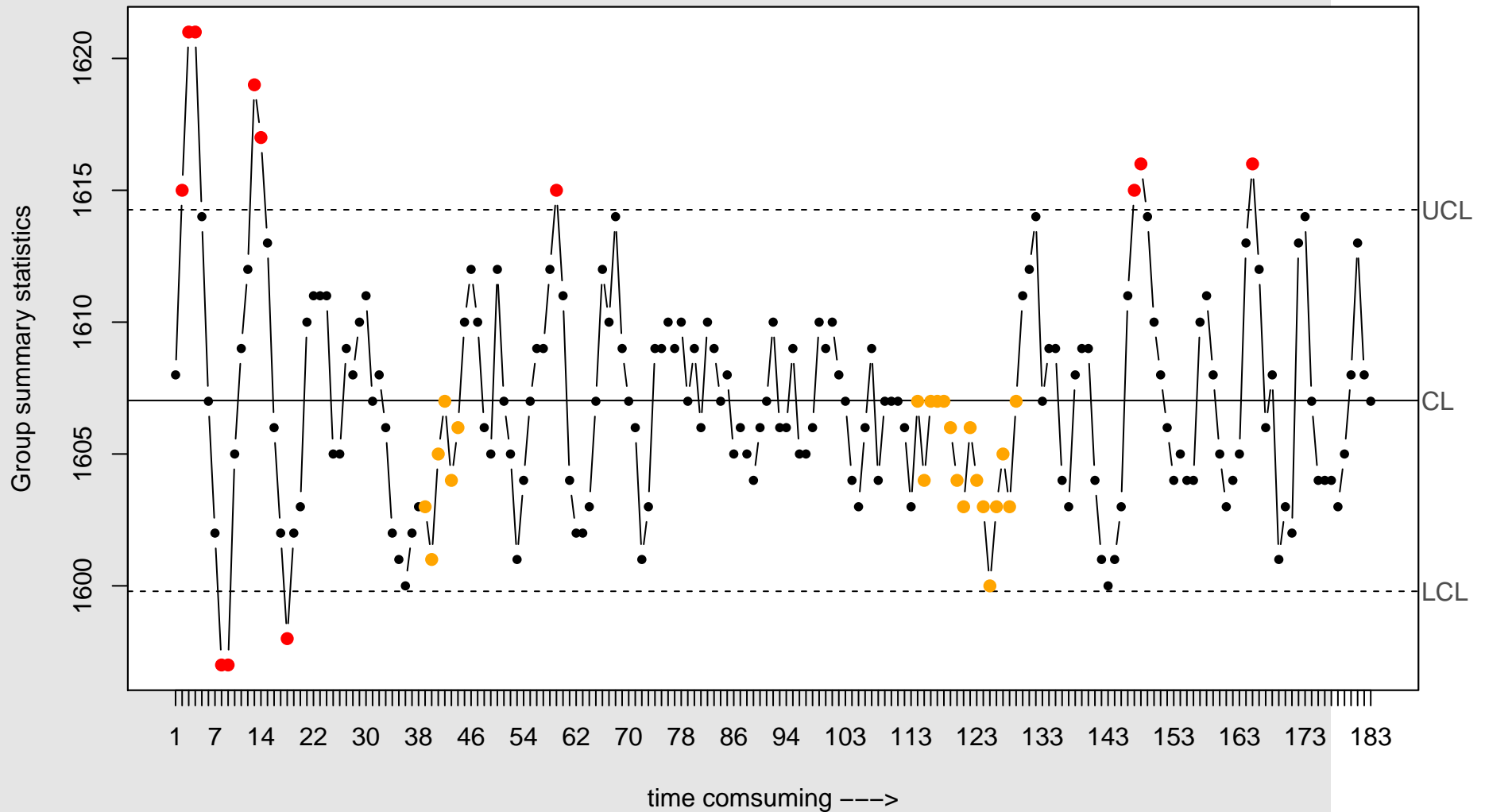
UCL = 1614.279

Number beyond limits = 14

Number violating runs = 9



# 146th column point of this product



Number of groups = 183

Center = 1607.027

StdDev = 2.411153

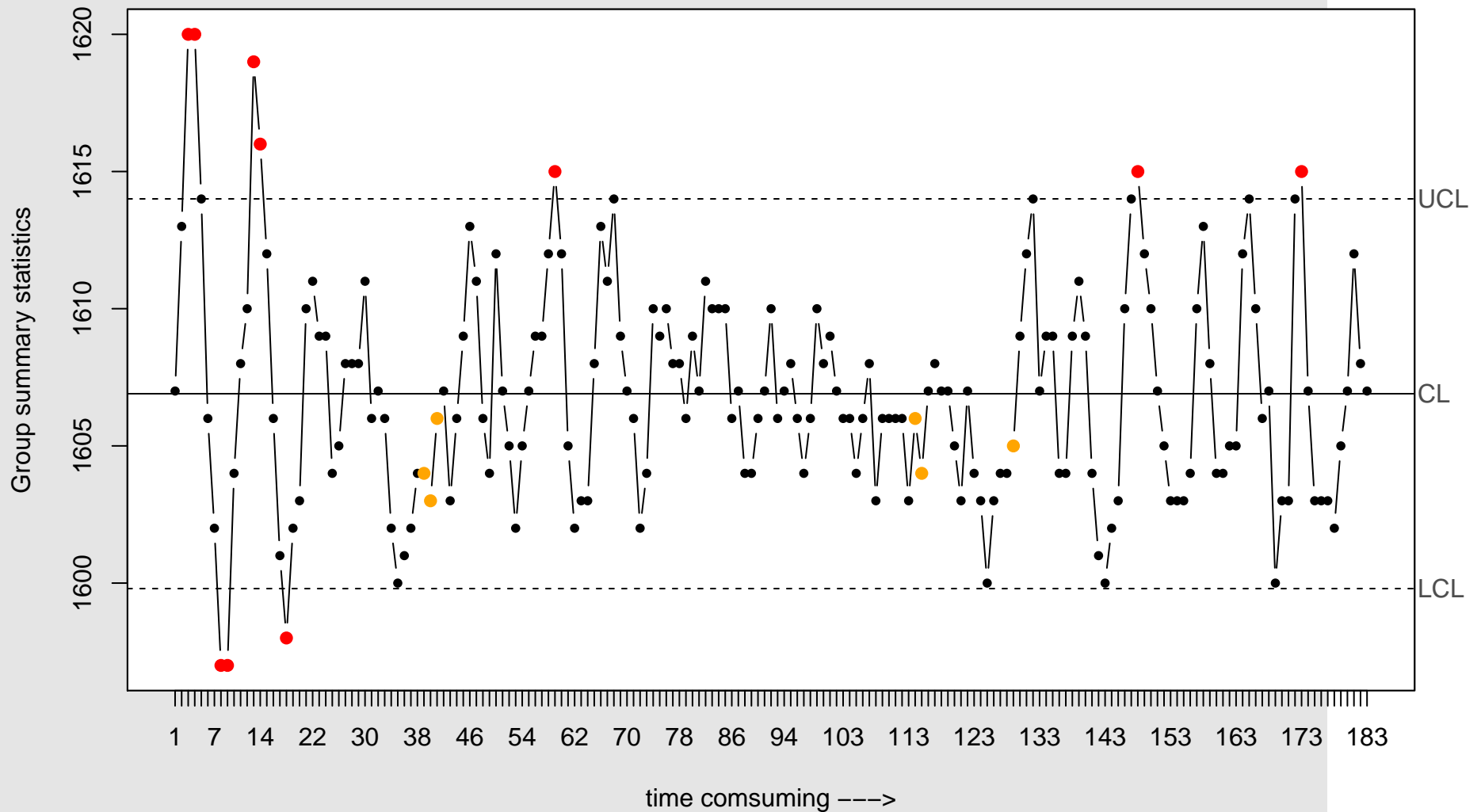
LCL = 1599.794

UCL = 1614.261

Number beyond limits = 12

Number violating runs = 22

### 147th column point of this product



Number of groups = 183

Center = 1606.902

StdDev = 2.367314

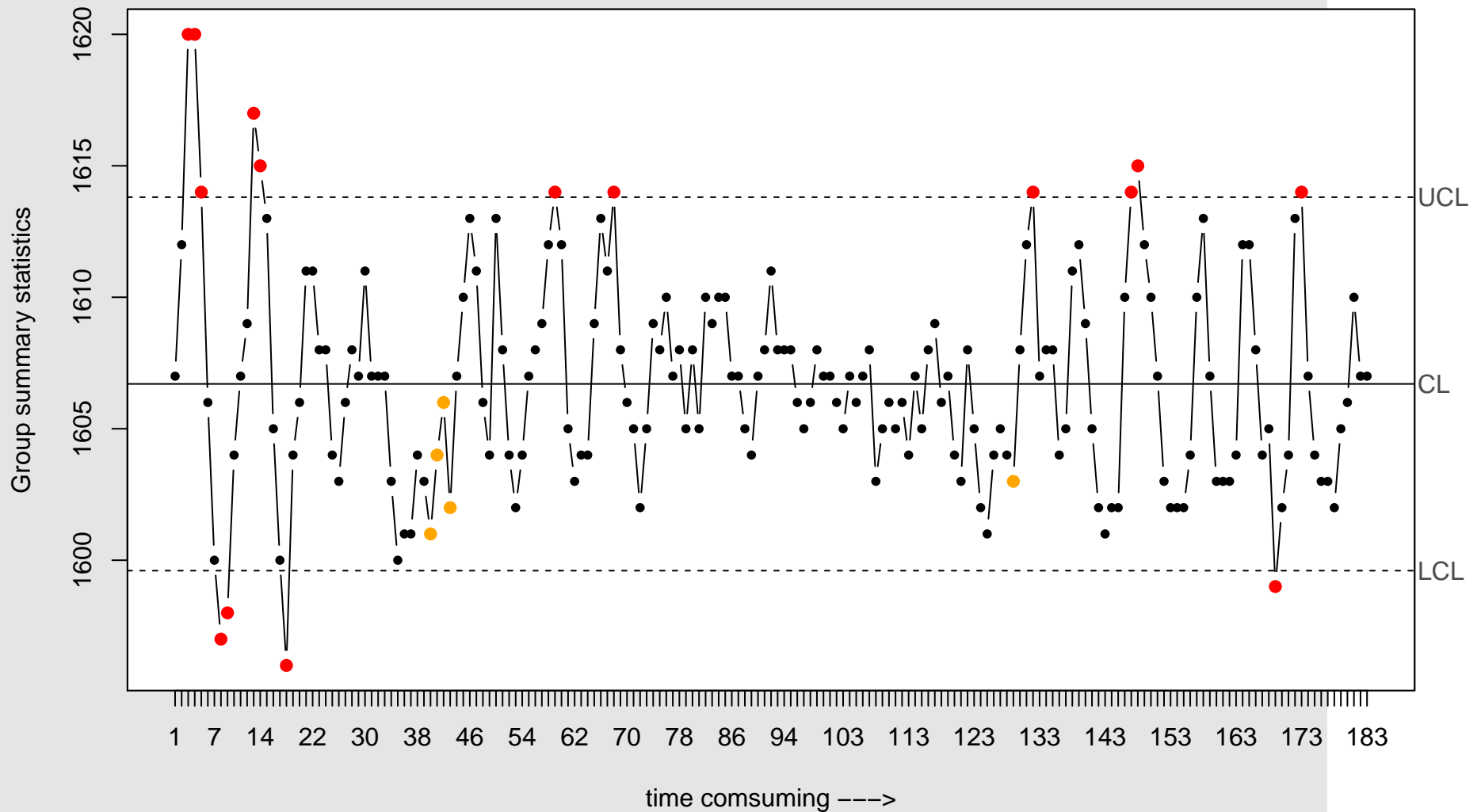
LCL = 1599.8

UCL = 1614.004

Number beyond limits = 10

Number violating runs = 6

# 148th column point of this product



Number of groups = 183

Center = 1606.705

StdDev = 2.367314

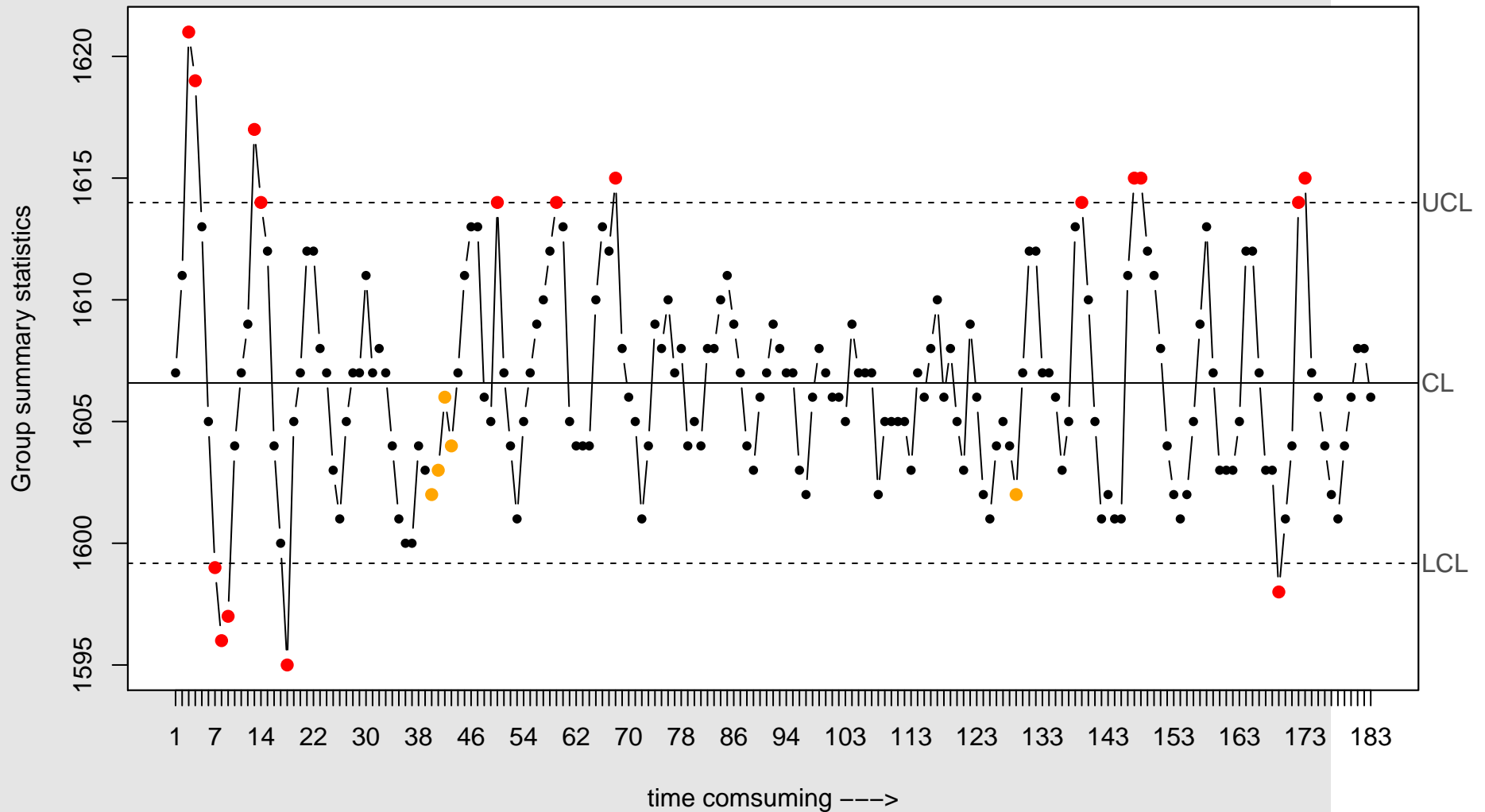
LCL = 1599.603

UCL = 1613.807

Number beyond limits = 15

Number violating runs = 5

# 149th column point of this product



Number of groups = 183

Center = 1606.585

StdDev = 2.469605

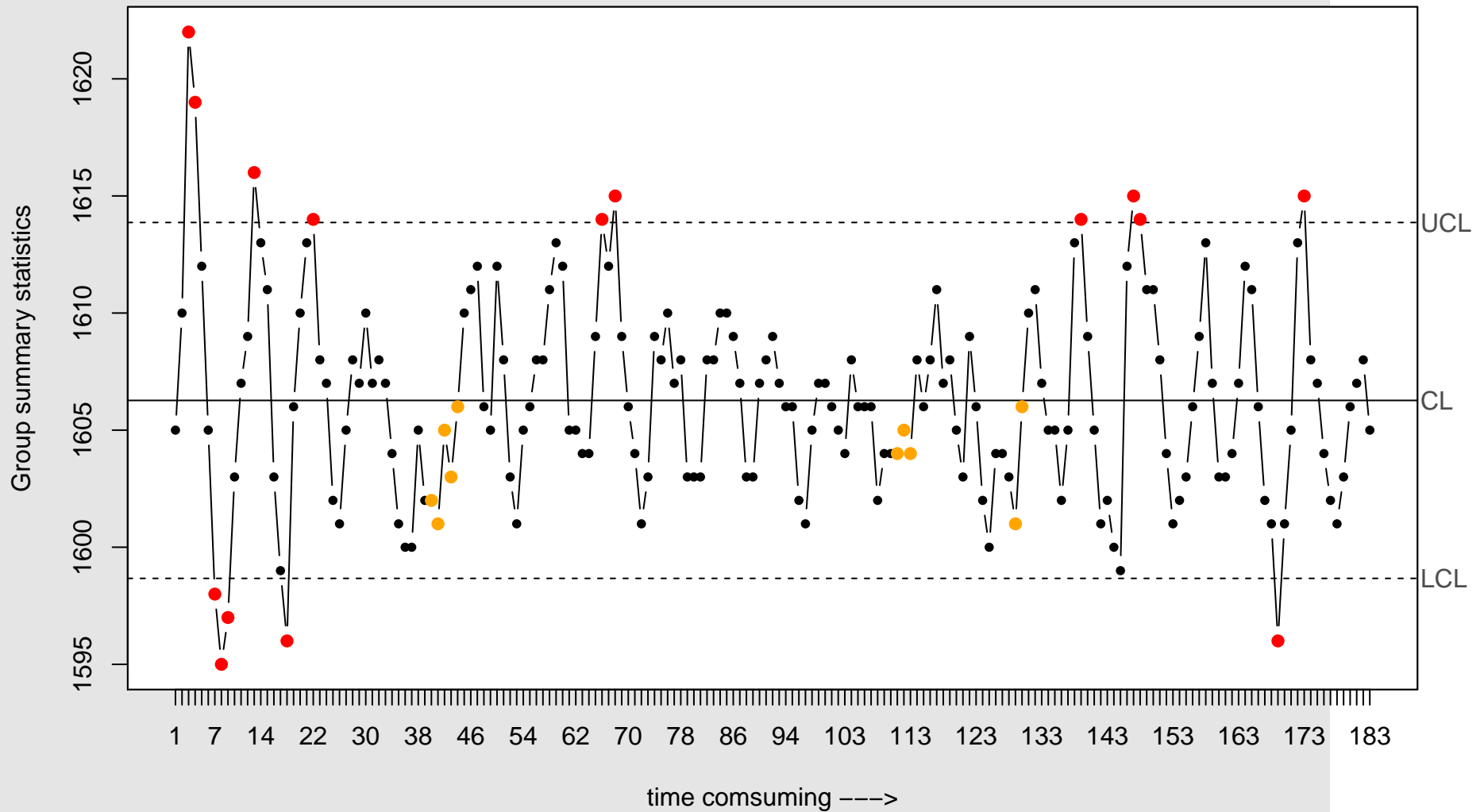
LCL = 1599.176

UCL = 1613.994

Number beyond limits = 17

Number violating runs = 5

### 150th column point of this product



Number of groups = 183

Center = 1606.268

StdDev = 2.532928

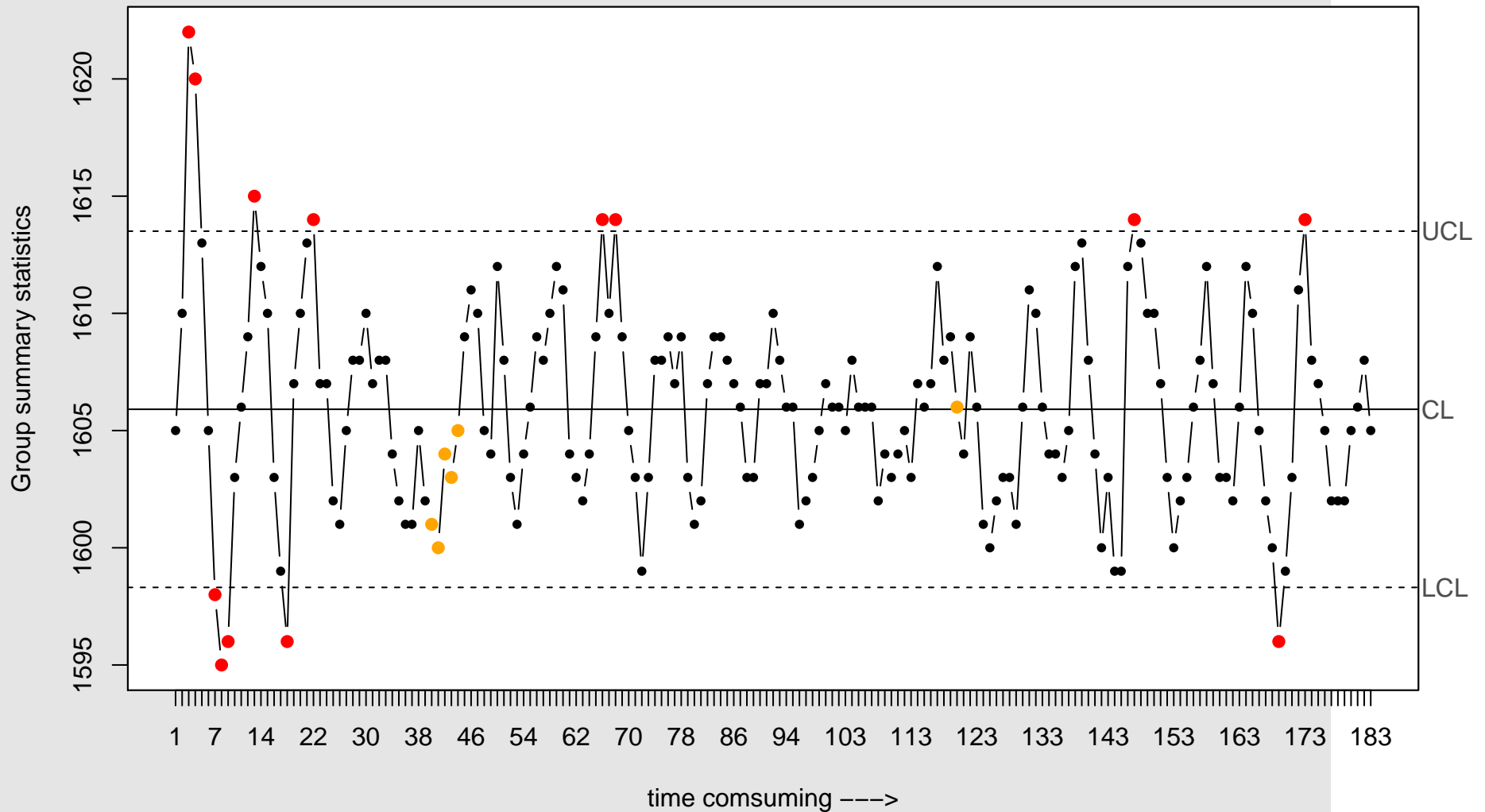
LCL = 1598.669

UCL = 1613.867

Number beyond limits = 15

Number violating runs = 10

# 151th column point of this product



Number of groups = 183

Center = 1605.907

StdDev = 2.532928

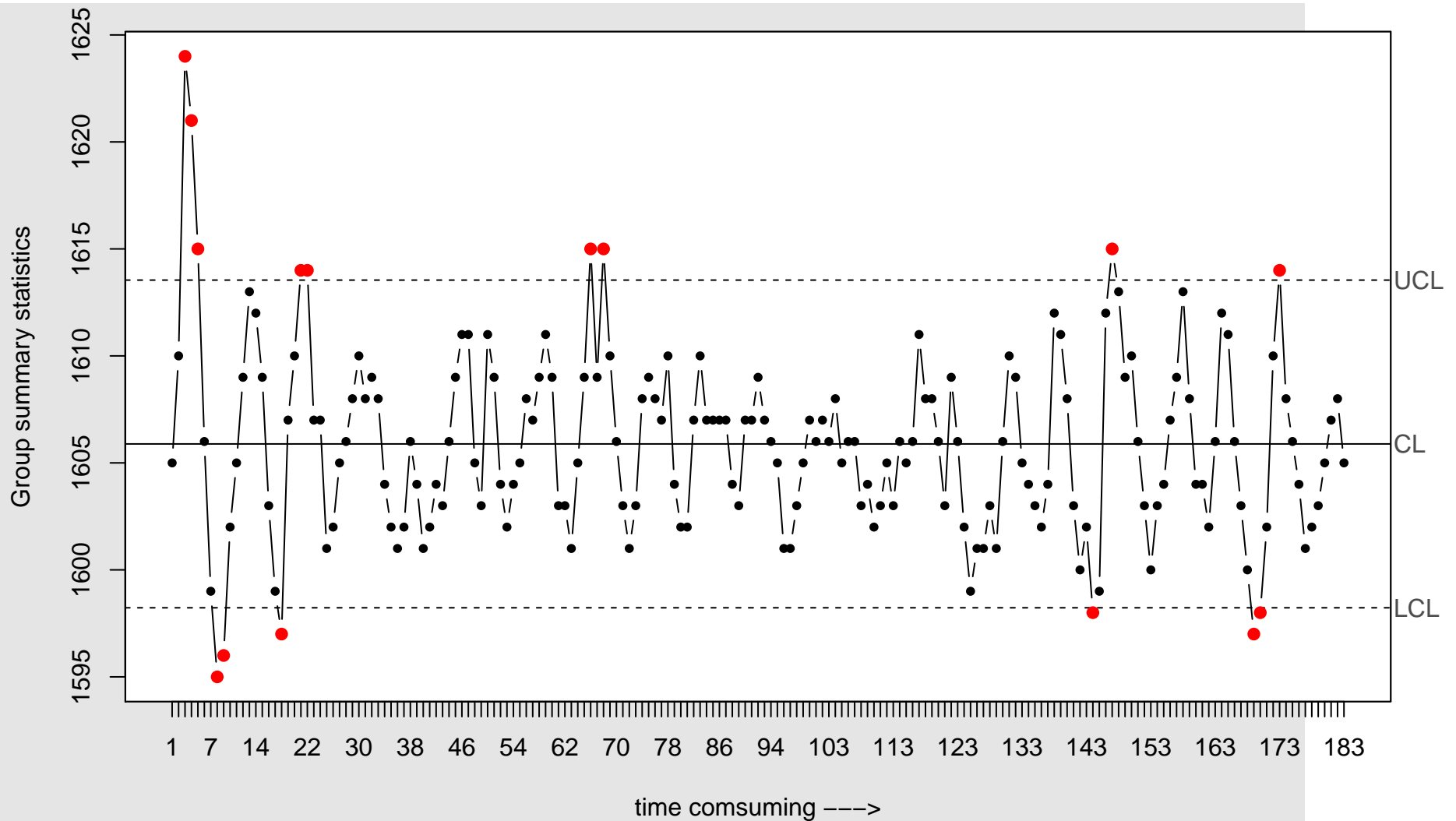
LCL = 1598.308

UCL = 1613.506

Number beyond limits = 13

Number violating runs = 6

# 152th column point of this product



Number of groups = 183

Center = 1605.885

StdDev = 2.552412

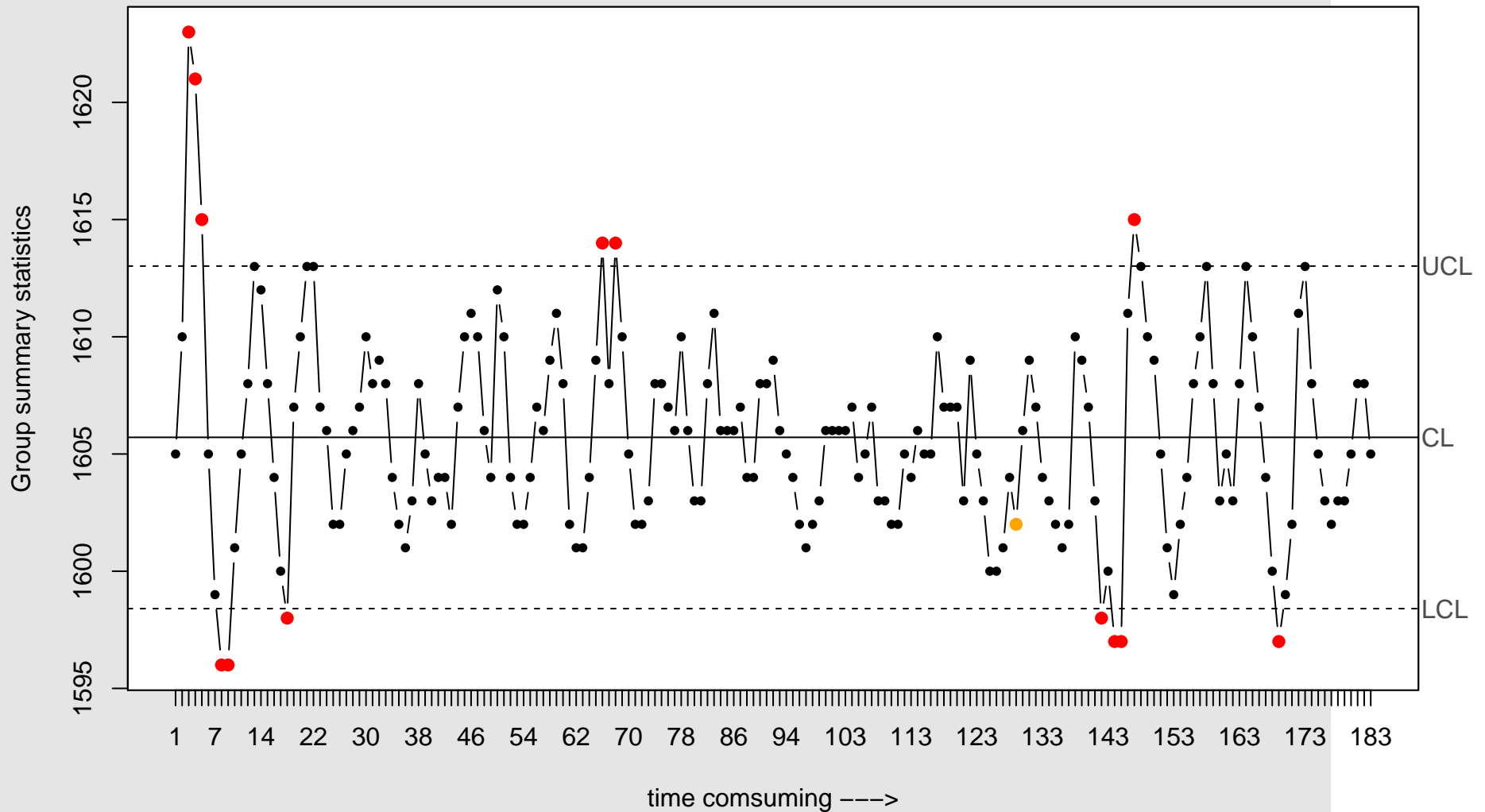
LCL = 1598.228

UCL = 1613.542

Number beyond limits = 15

Number violating runs = 0

### 153th column point of this product



Number of groups = 183

Center = 1605.71

StdDev = 2.435508

LCL = 1598.404

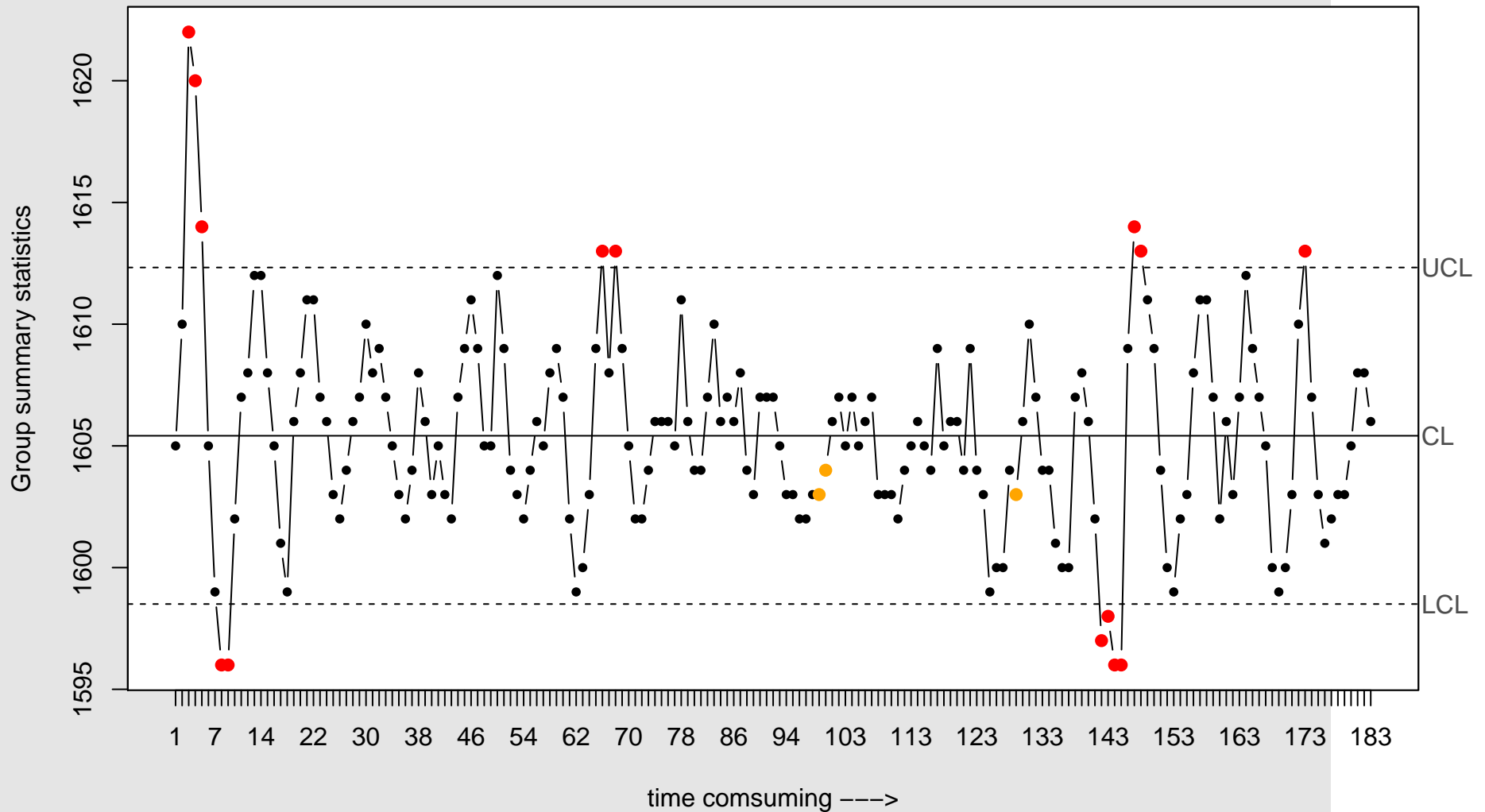
UCL = 1613.017

Number beyond limits = 13

Number violating runs = 1



### 154th column point of this product



Number of groups = 183

Center = 1605.415

StdDev = 2.30399

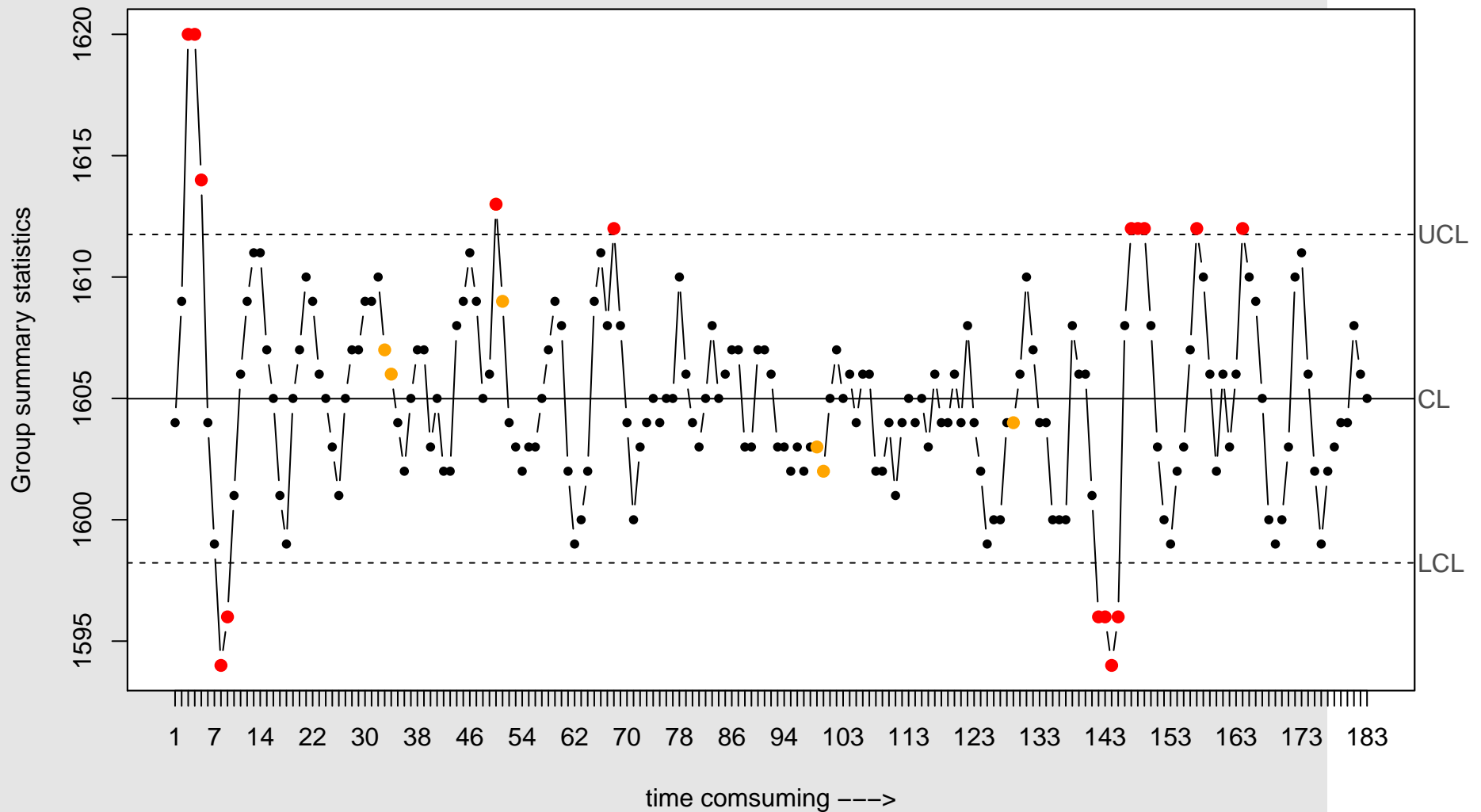
LCL = 1598.503

UCL = 1612.327

Number beyond limits = 14

Number violating runs = 3

# 155th column point of this product

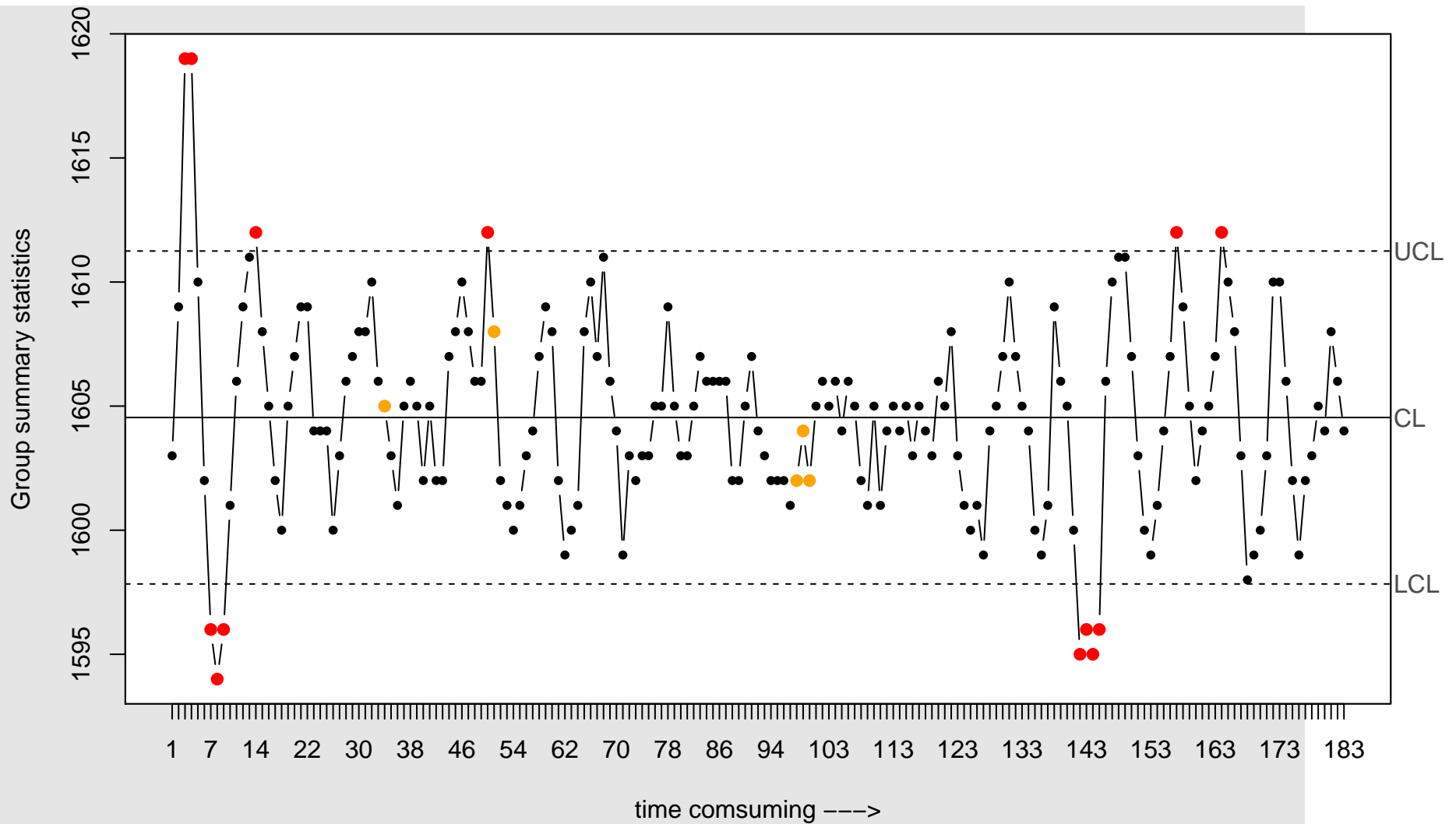


Number of groups = 183  
Center = 1604.989  
StdDev = 2.25528

LCL = 1598.223  
UCL = 1611.755

Number beyond limits = 16  
Number violating runs = 7

# 156th column point of this product

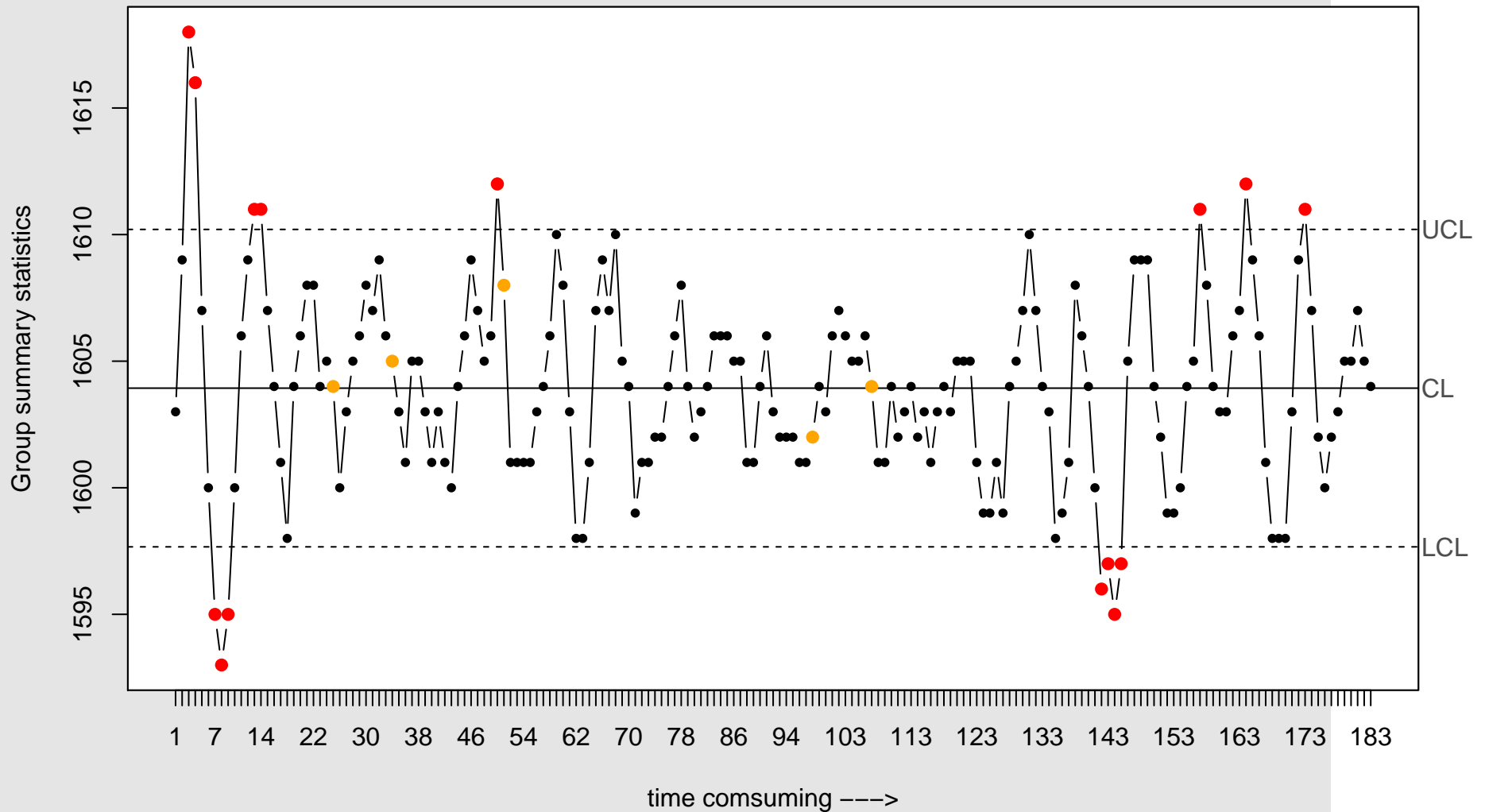


Number of groups = 183  
 Center = 1604.541  
 StdDev = 2.235796

LCL = 1597.834  
 UCL = 1611.248

Number beyond limits = 13  
 Number violating runs = 6

# 157th column point of this product



Number of groups = 183

Center = 1603.934

StdDev = 2.089666

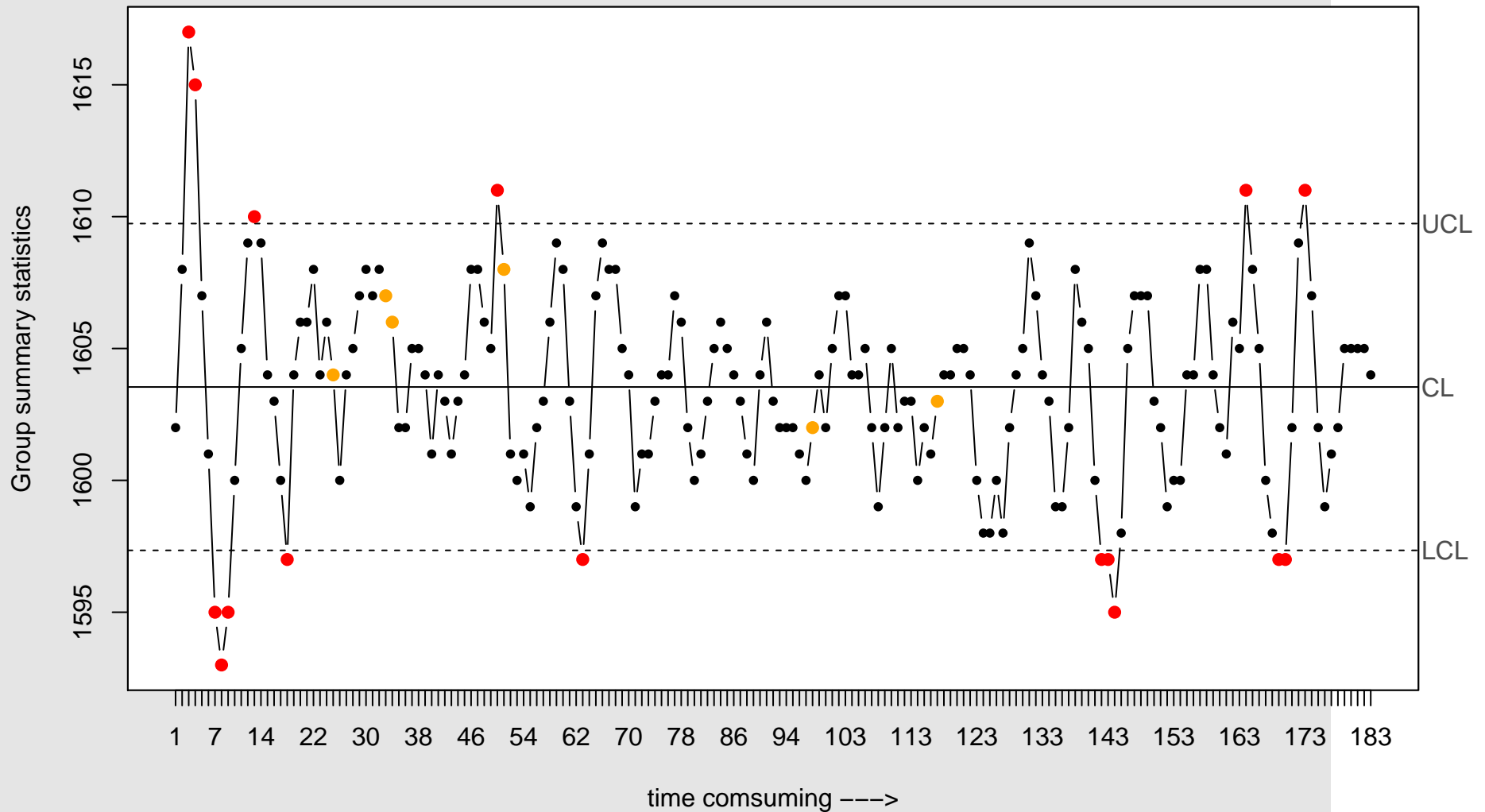
LCL = 1597.665

UCL = 1610.203

Number beyond limits = 15

Number violating runs = 6

# 158th column point of this product



Number of groups = 183

Center = 1603.541

StdDev = 2.065311

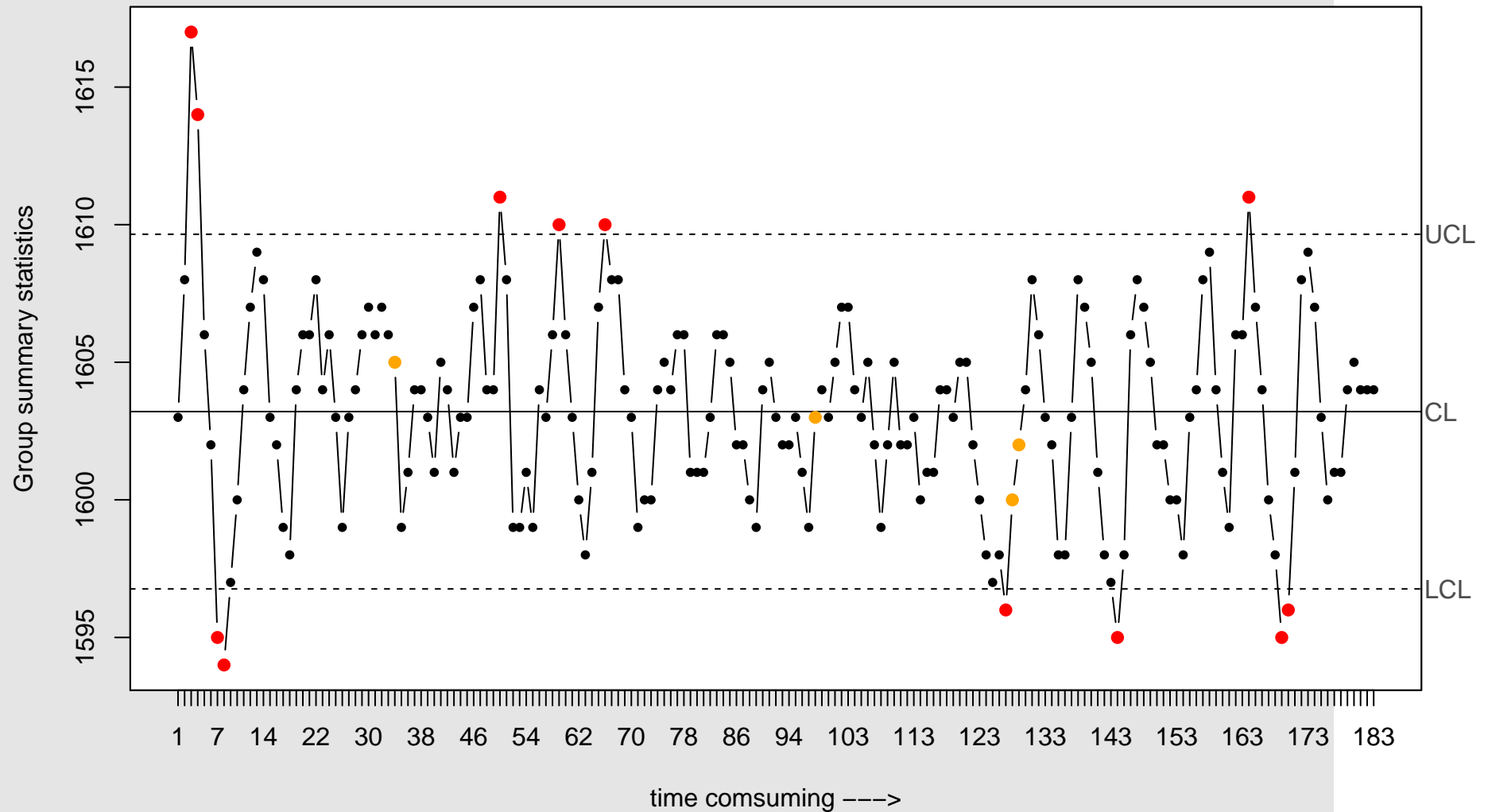
LCL = 1597.345

UCL = 1609.737

Number beyond limits = 16

Number violating runs = 6

# 159th column point of this product



Number of groups = 183

Center = 1603.208

StdDev = 2.148118

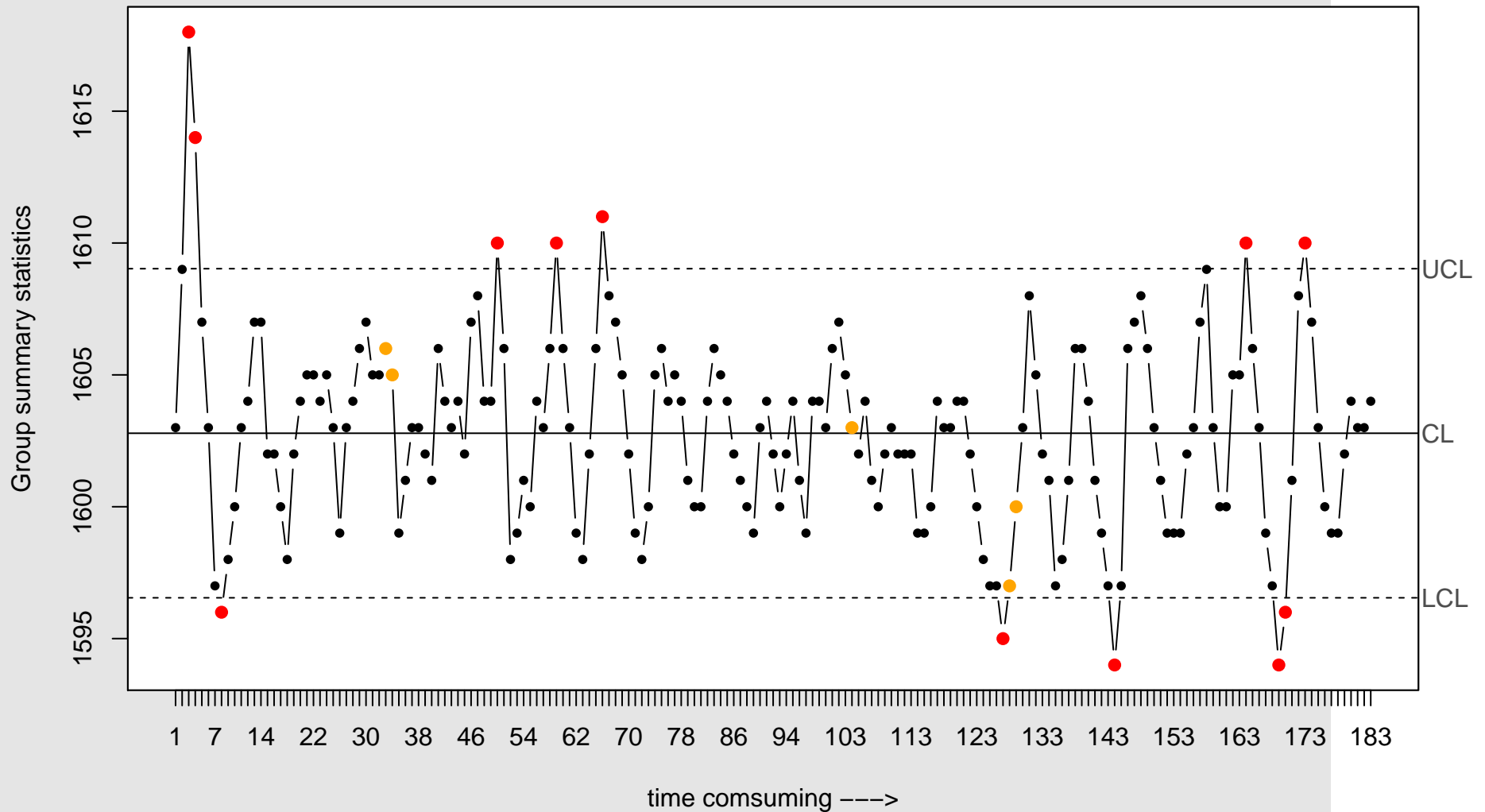
LCL = 1596.763

UCL = 1609.652

Number beyond limits = 12

Number violating runs = 4

# 160th column point of this product



Number of groups = 183

Center = 1602.787

StdDev = 2.079924

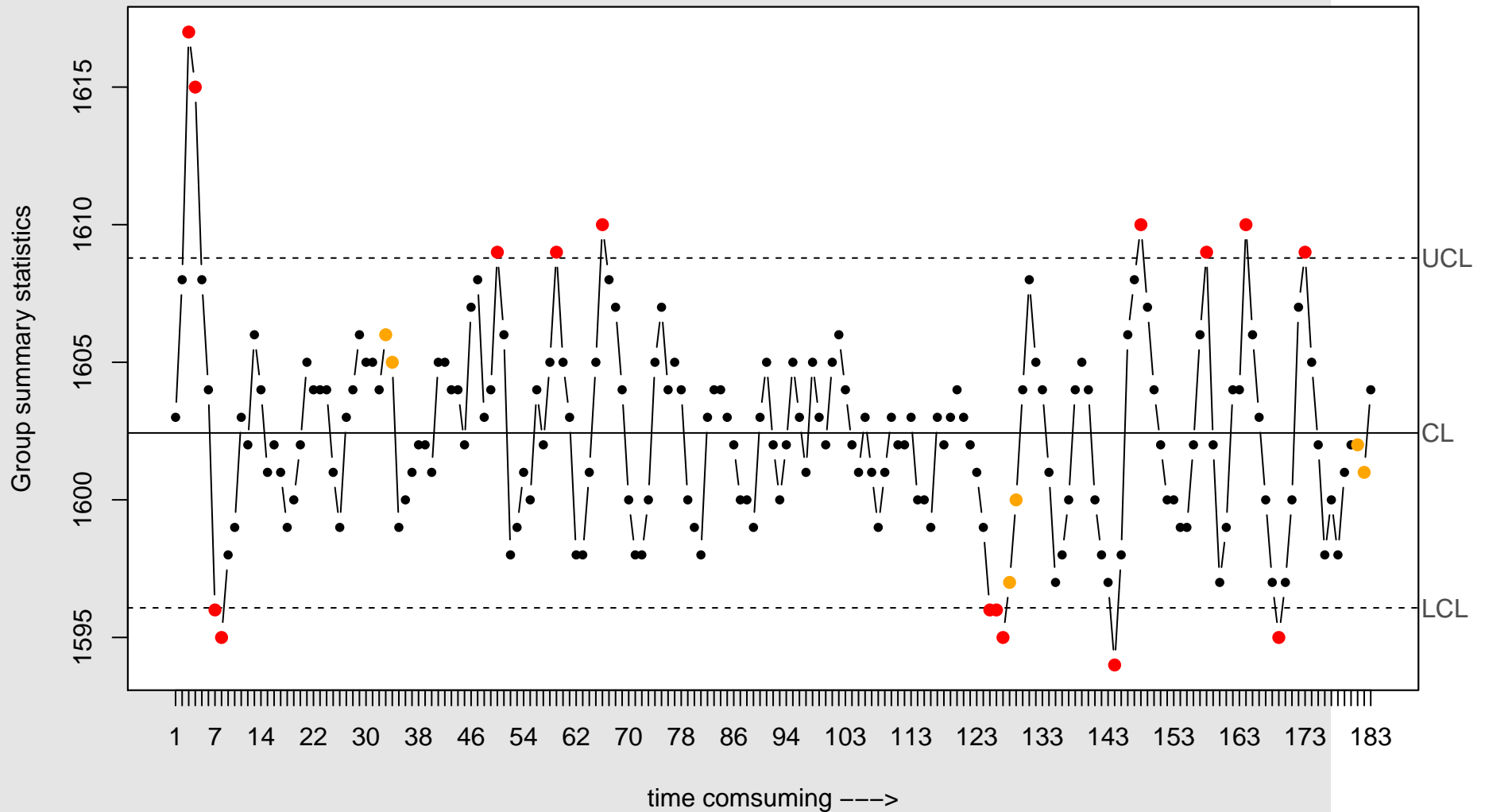
LCL = 1596.547

UCL = 1609.027

Number beyond limits = 12

Number violating runs = 5

## 161th column point of this product



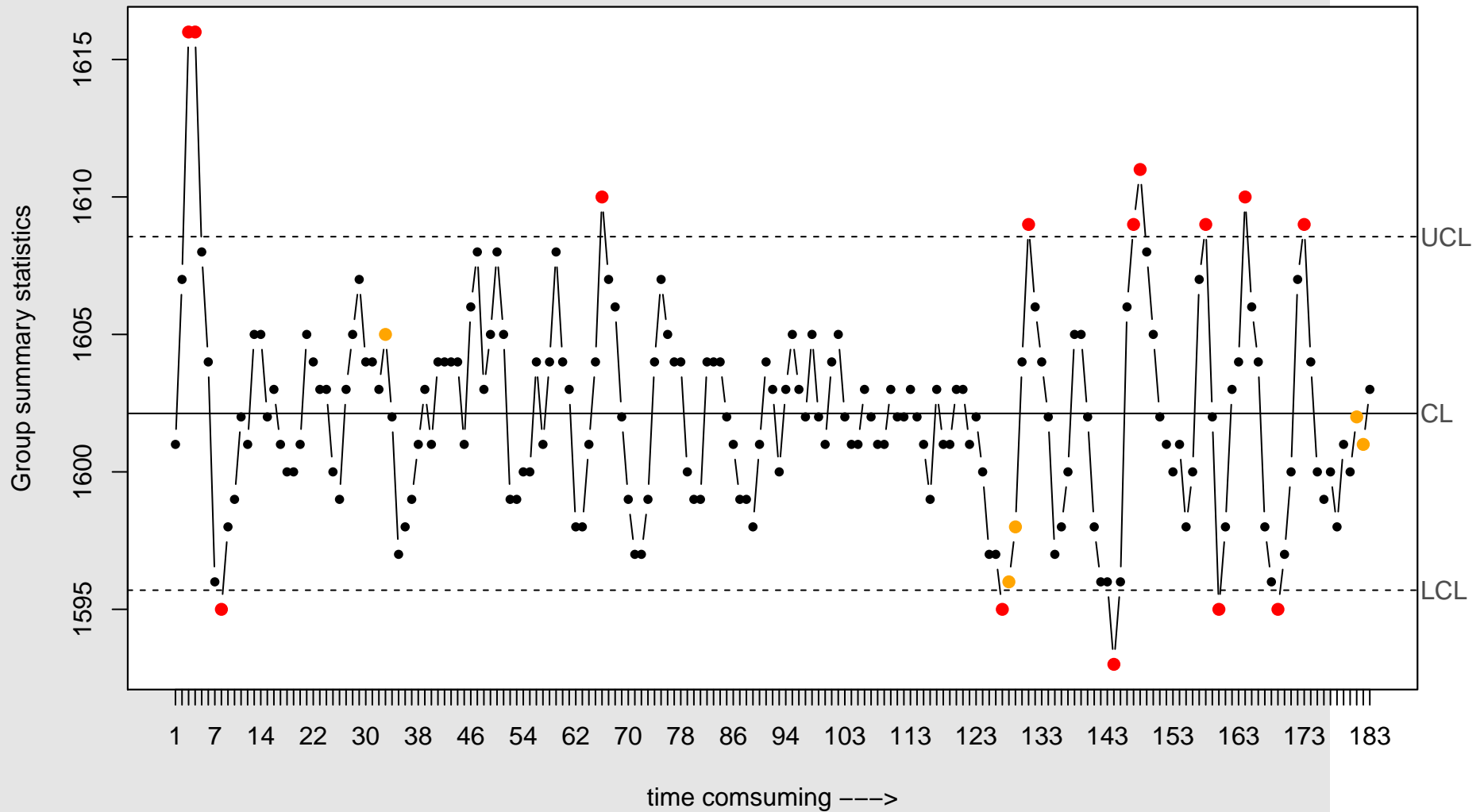
Number of groups = 183  
Center = 1602.432  
StdDev = 2.118892

LCL = 1596.075  
UCL = 1608.788

Number beyond limits = 16  
Number violating runs = 6



## 162th column point of this product



Number of groups = 183

Center = 1602.126

StdDev = 2.143247

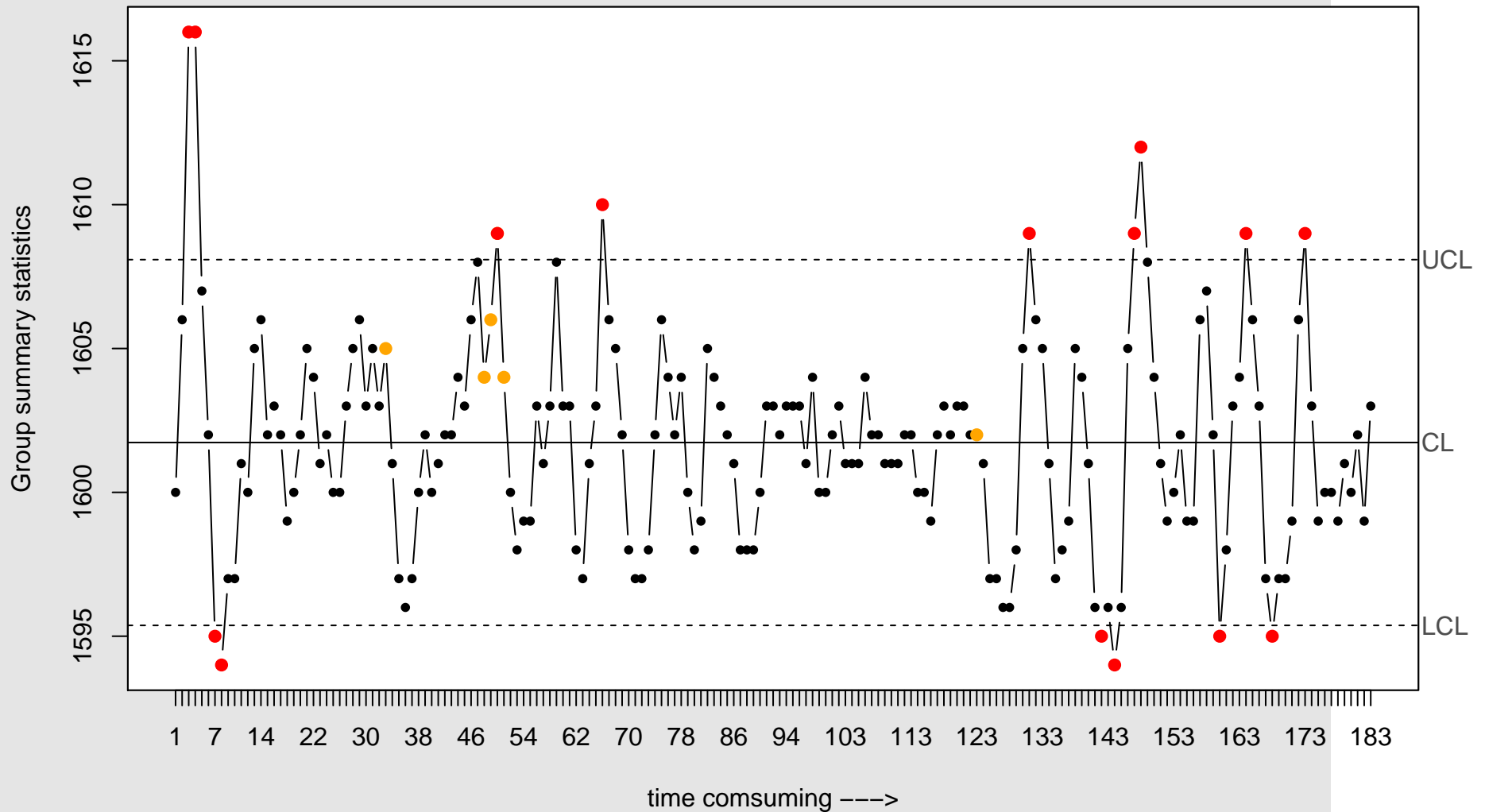
LCL = 1595.696

UCL = 1608.555

Number beyond limits = 14

Number violating runs = 5

# 163th column point of this product

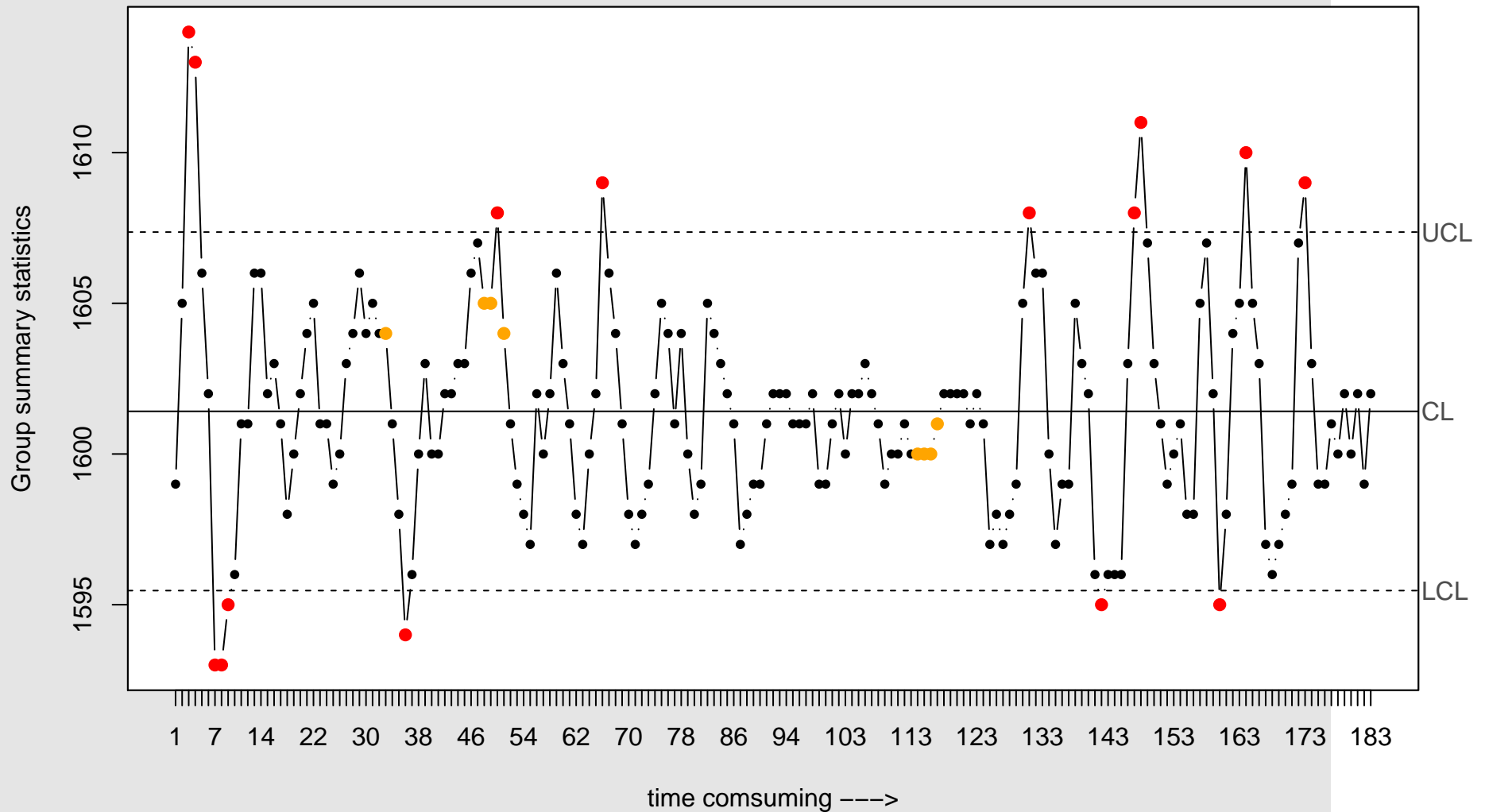


Number of groups = 183  
 Center = 1601.732  
 StdDev = 2.118892

LCL = 1595.376  
 UCL = 1608.089

Number beyond limits = 15  
 Number violating runs = 6

### 164th column point of this product



Number of groups = 183

Center = 1601.415

StdDev = 1.982503

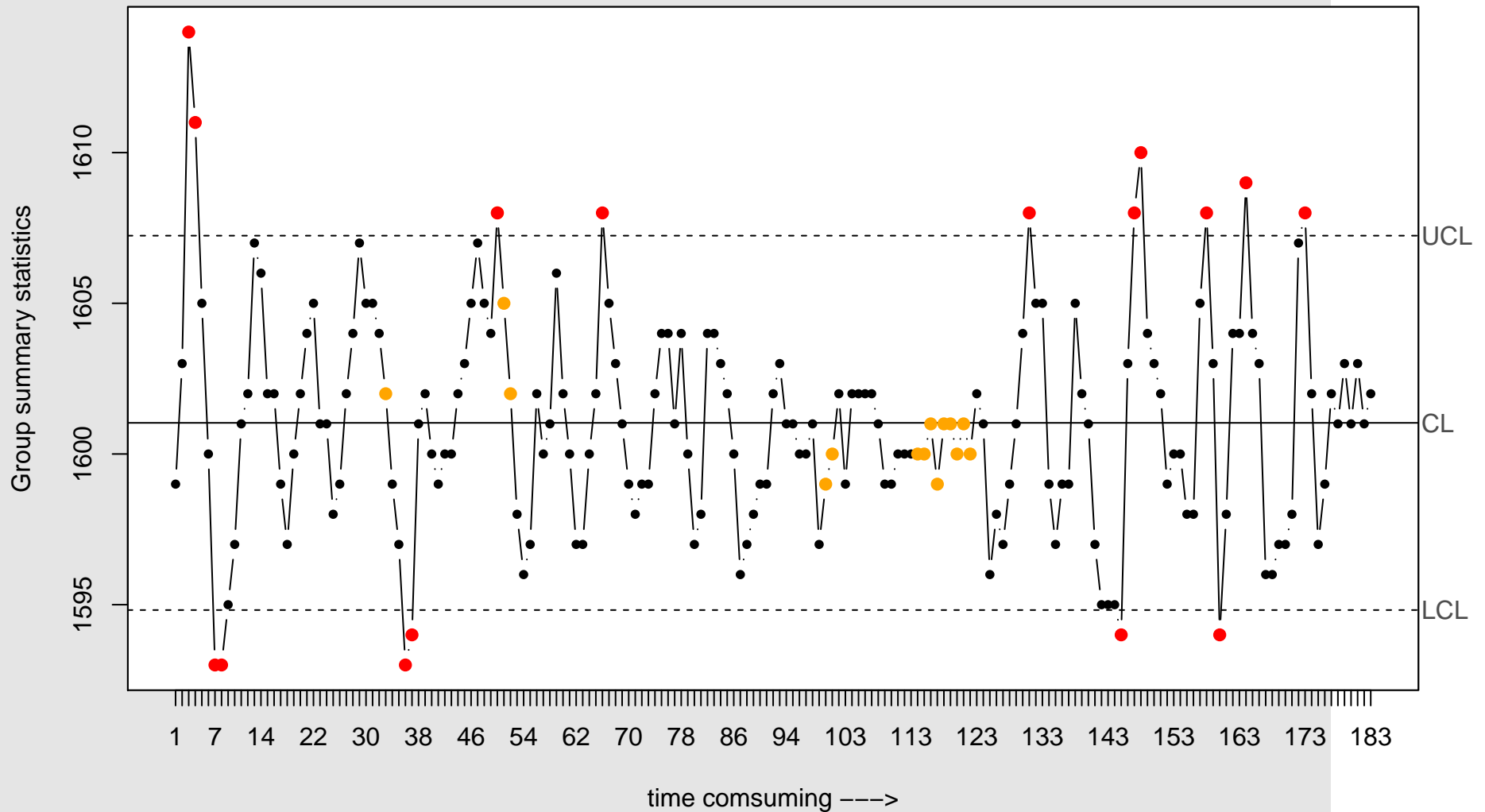
LCL = 1595.468

UCL = 1607.363

Number beyond limits = 15

Number violating runs = 9

# 165th column point of this product



Number of groups = 183

Center = 1601.033

StdDev = 2.070182

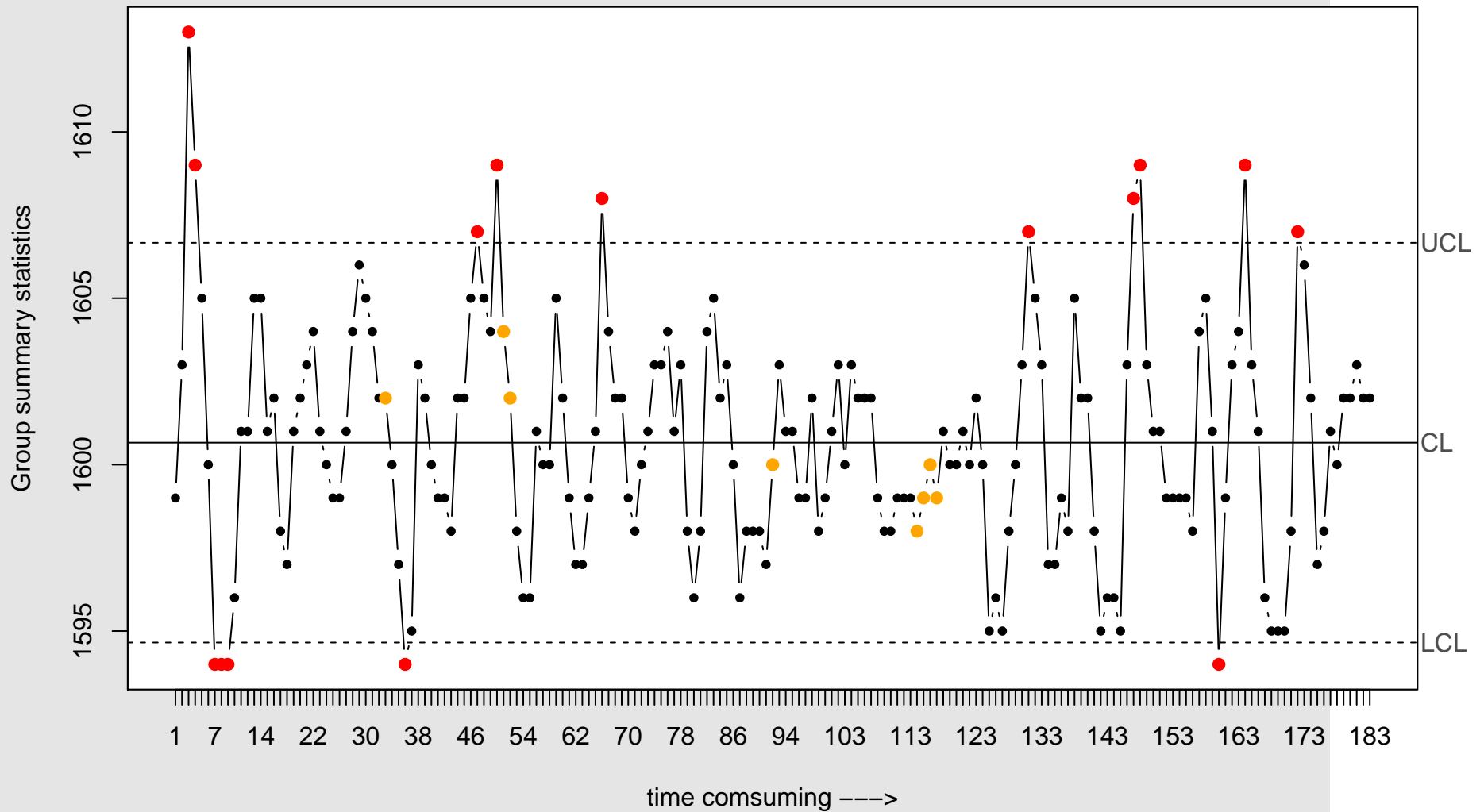
LCL = 1594.822

UCL = 1607.243

Number beyond limits = 16

Number violating runs = 15

# 166th column point of this product



Number of groups = 183

Center = 1600.661

StdDev = 2.001987

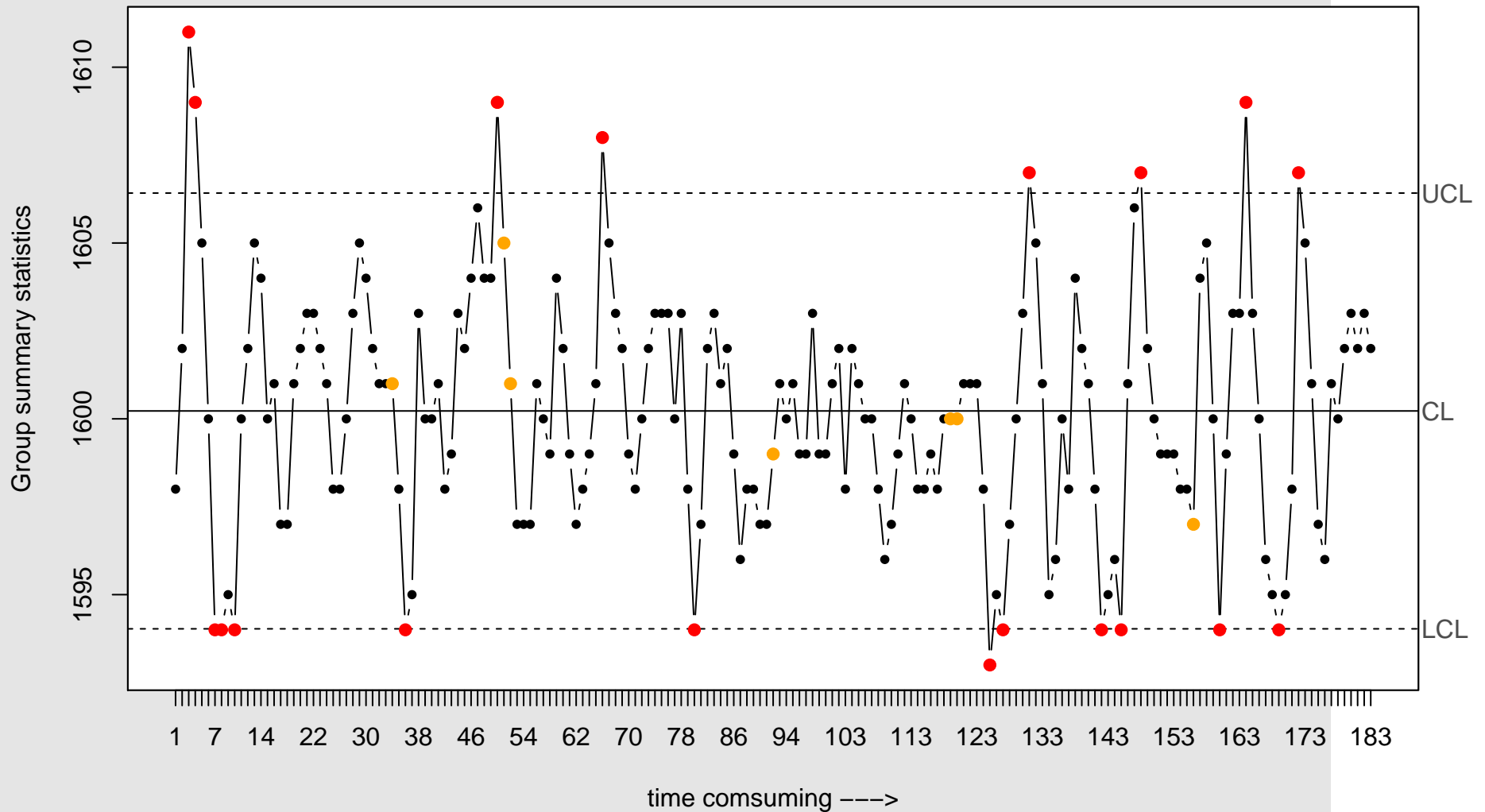
LCL = 1594.655

UCL = 1606.667

Number beyond limits = 15

Number violating runs = 9

# 167th column point of this product



Number of groups = 183

Center = 1600.224

StdDev = 2.065311

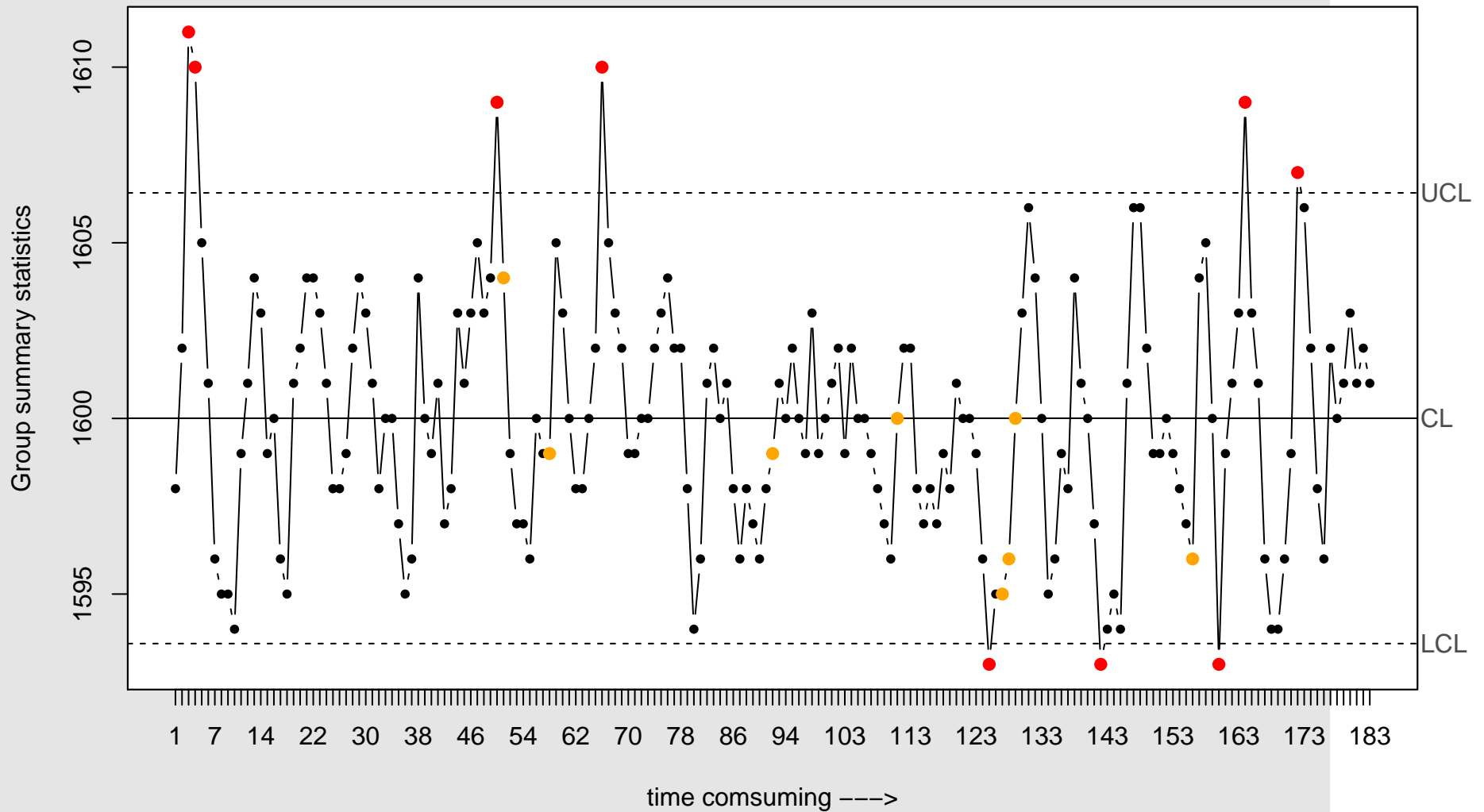
LCL = 1594.028

UCL = 1606.42

Number beyond limits = 19

Number violating runs = 8

# 168th column point of this product



Number of groups = 183

Center = 1600.005

StdDev = 2.138376

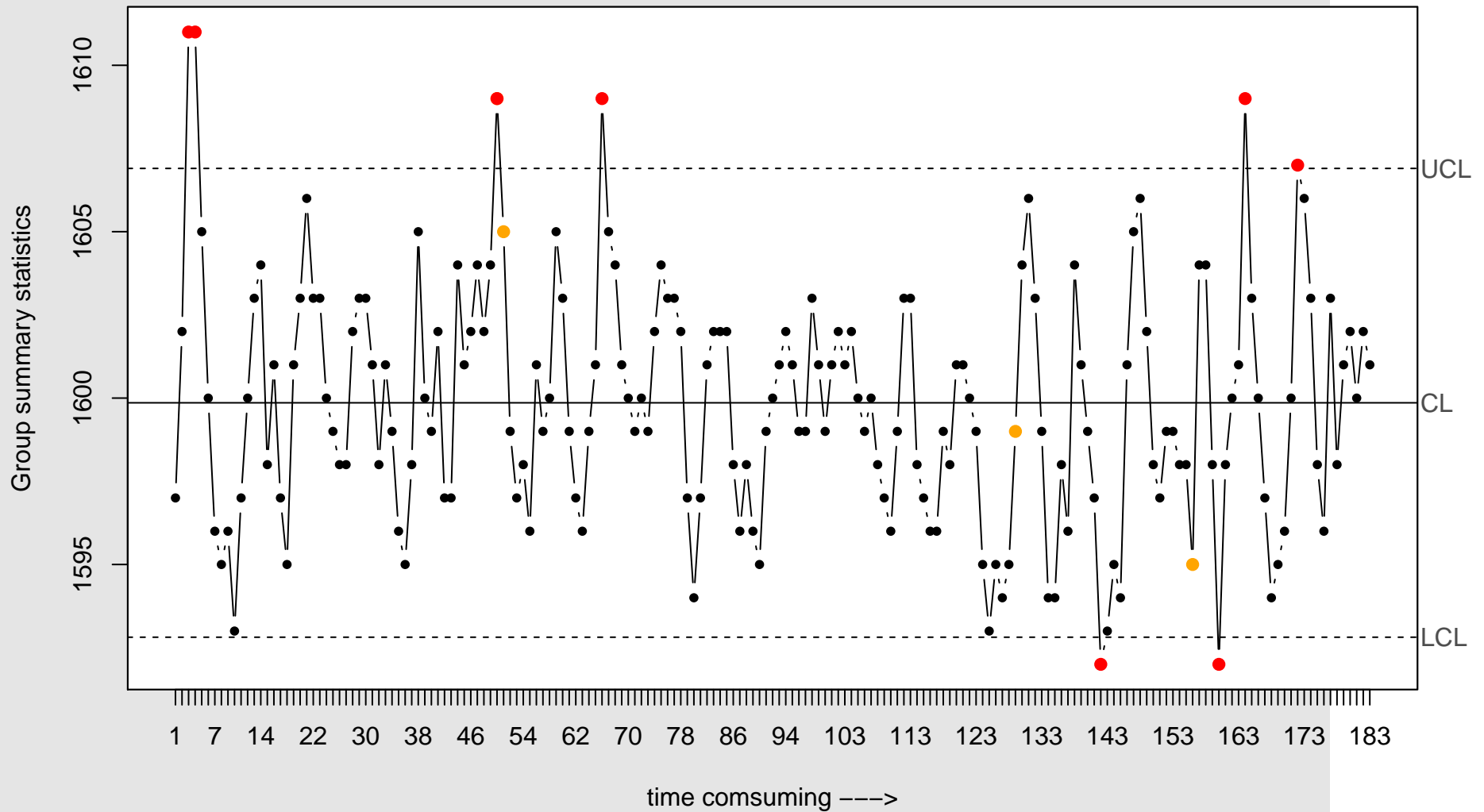
LCL = 1593.59

UCL = 1606.421

Number beyond limits = 9

Number violating runs = 9

# 169th column point of this product



Number of groups = 183

Center = 1599.858

StdDev = 2.347829

LCL = 1592.814

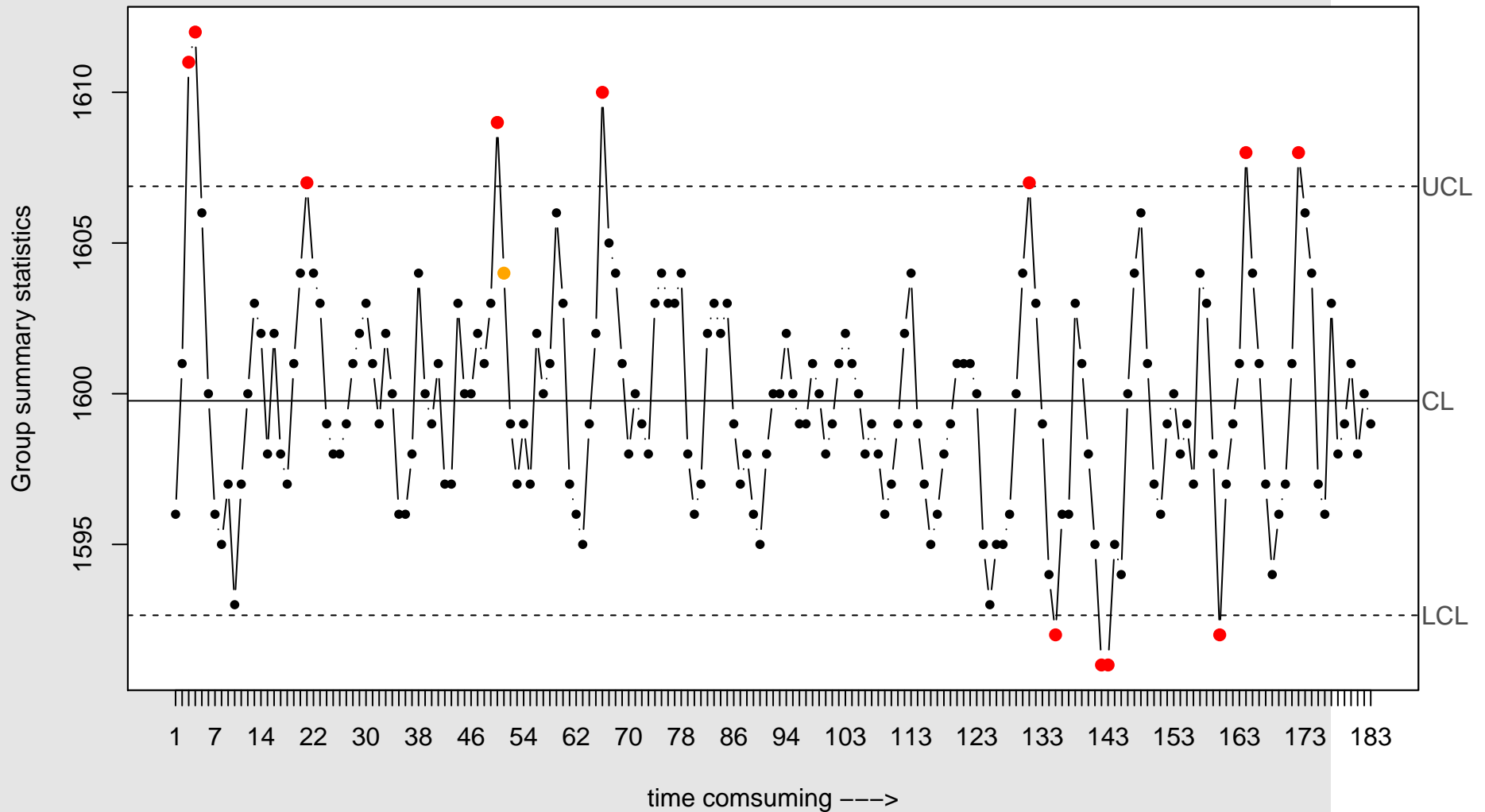
UCL = 1606.901

Number beyond limits = 8

Number violating runs = 4



### 170th column point of this product



Number of groups = 183

Center = 1599.765

StdDev = 2.372185

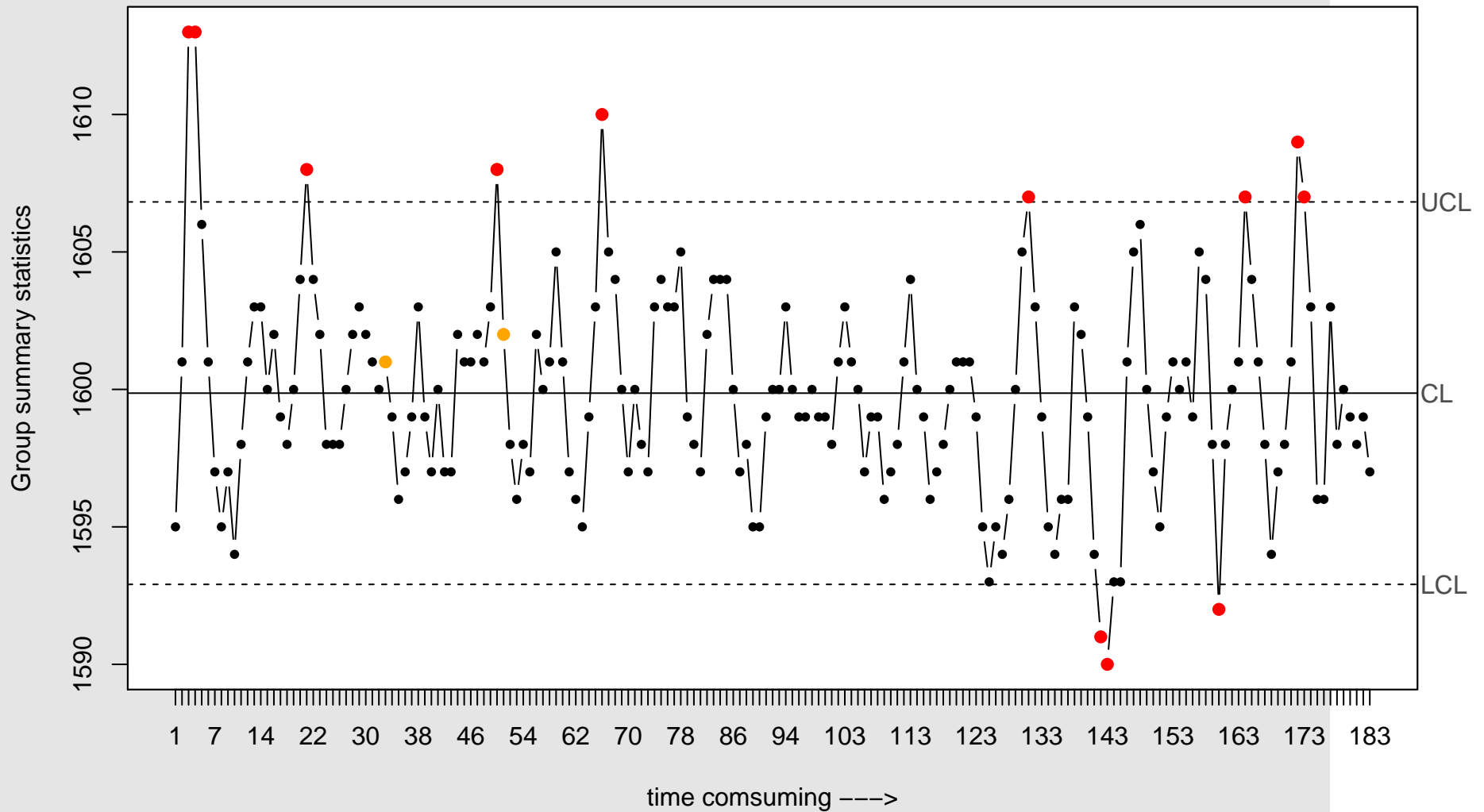
LCL = 1592.648

UCL = 1606.882

Number beyond limits = 12

Number violating runs = 2

# 171th column point of this product



Number of groups = 183

Center = 1599.863

StdDev = 2.318603

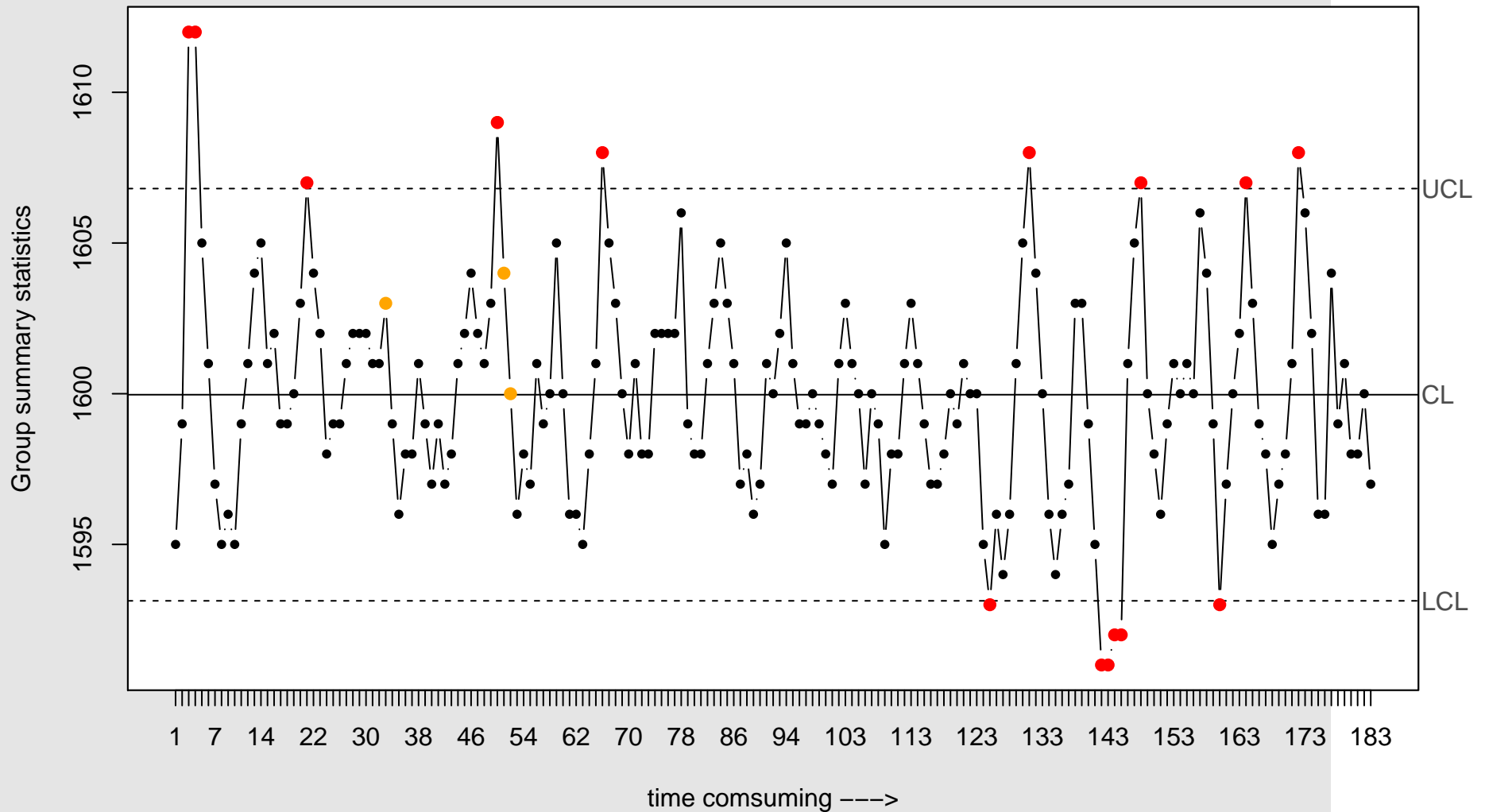
LCL = 1592.908

UCL = 1606.819

Number beyond limits = 12

Number violating runs = 3

# 172th column point of this product



Number of groups = 183

Center = 1599.967

StdDev = 2.279635

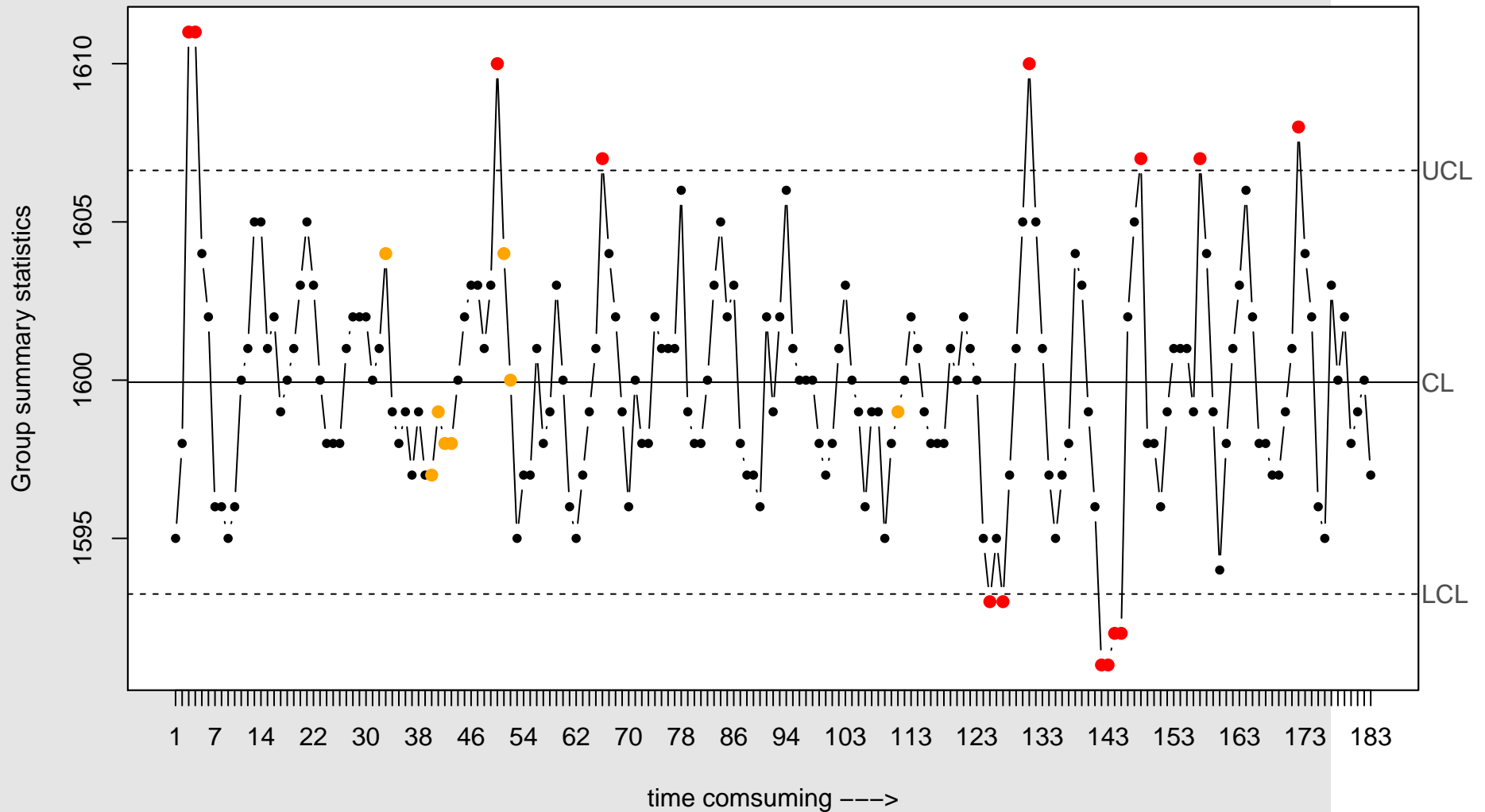
LCL = 1593.128

UCL = 1606.806

Number beyond limits = 15

Number violating runs = 4

### 173th column point of this product



Number of groups = 183

Center = 1599.934

StdDev = 2.230925

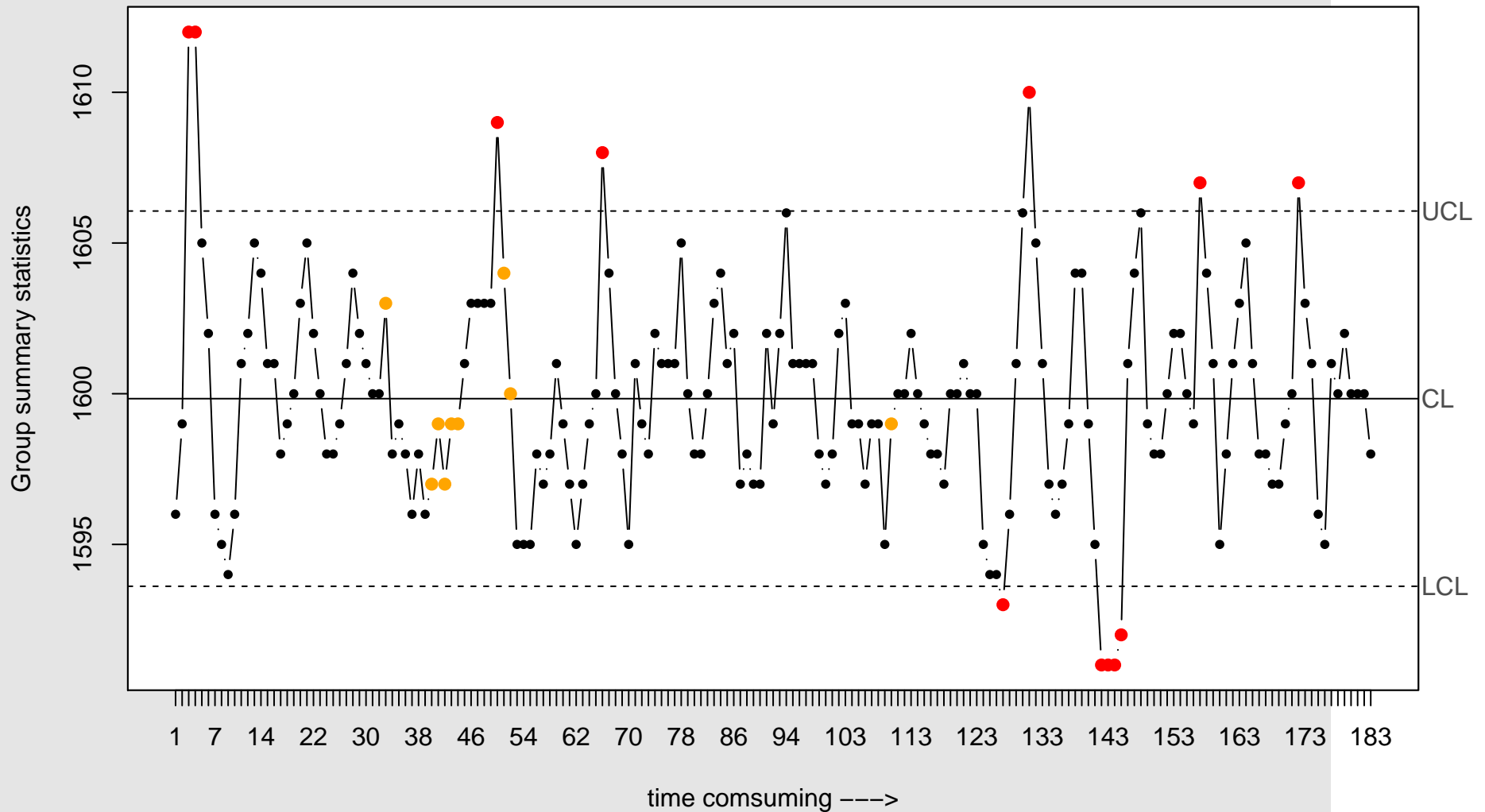
LCL = 1593.242

UCL = 1606.627

Number beyond limits = 14

Number violating runs = 9

# 174th column point of this product



Number of groups = 183

Center = 1599.836

StdDev = 2.075053

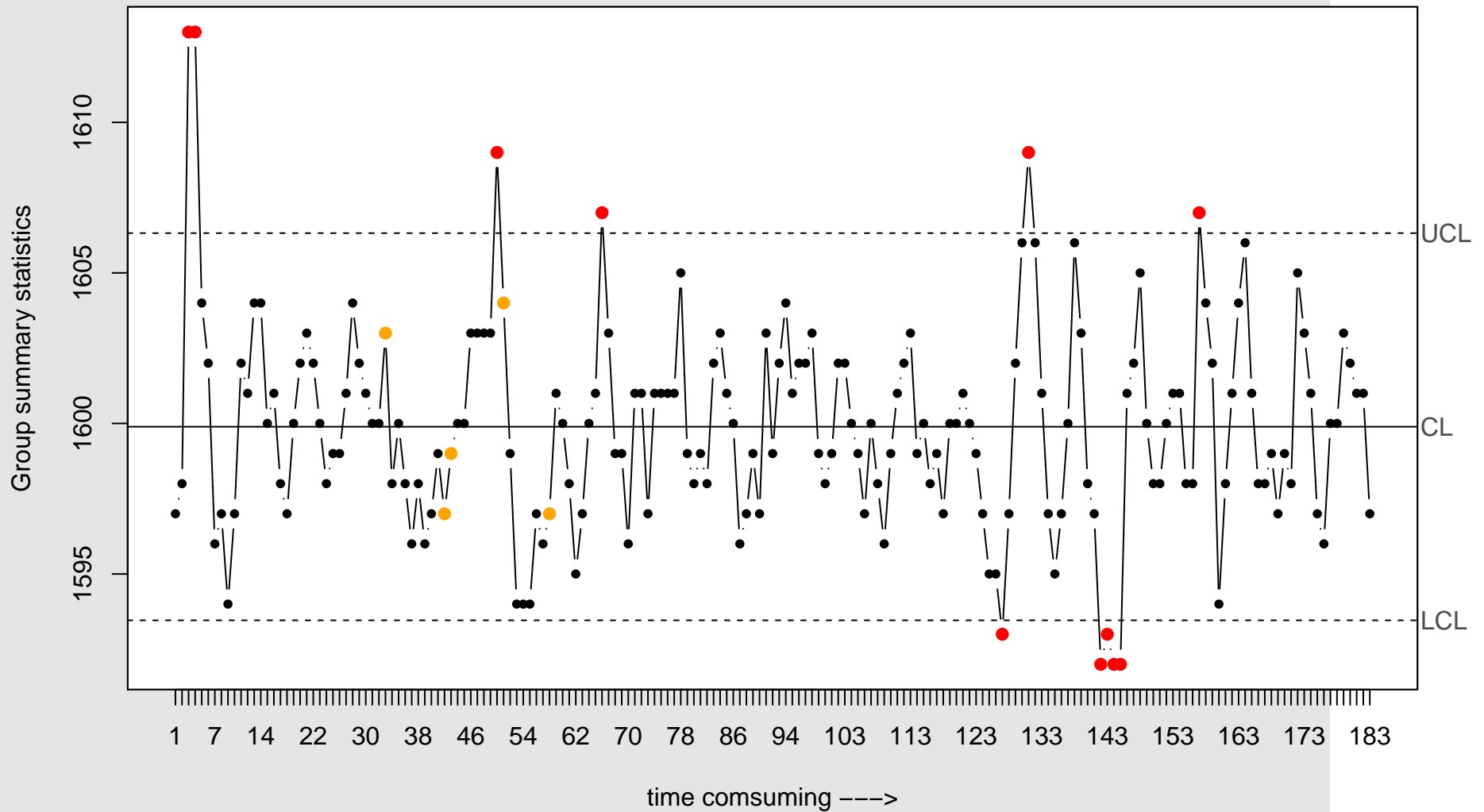
LCL = 1593.611

UCL = 1606.061

Number beyond limits = 12

Number violating runs = 9

# 175th column point of this product



Number of groups = 183

Center = 1599.891

StdDev = 2.143247

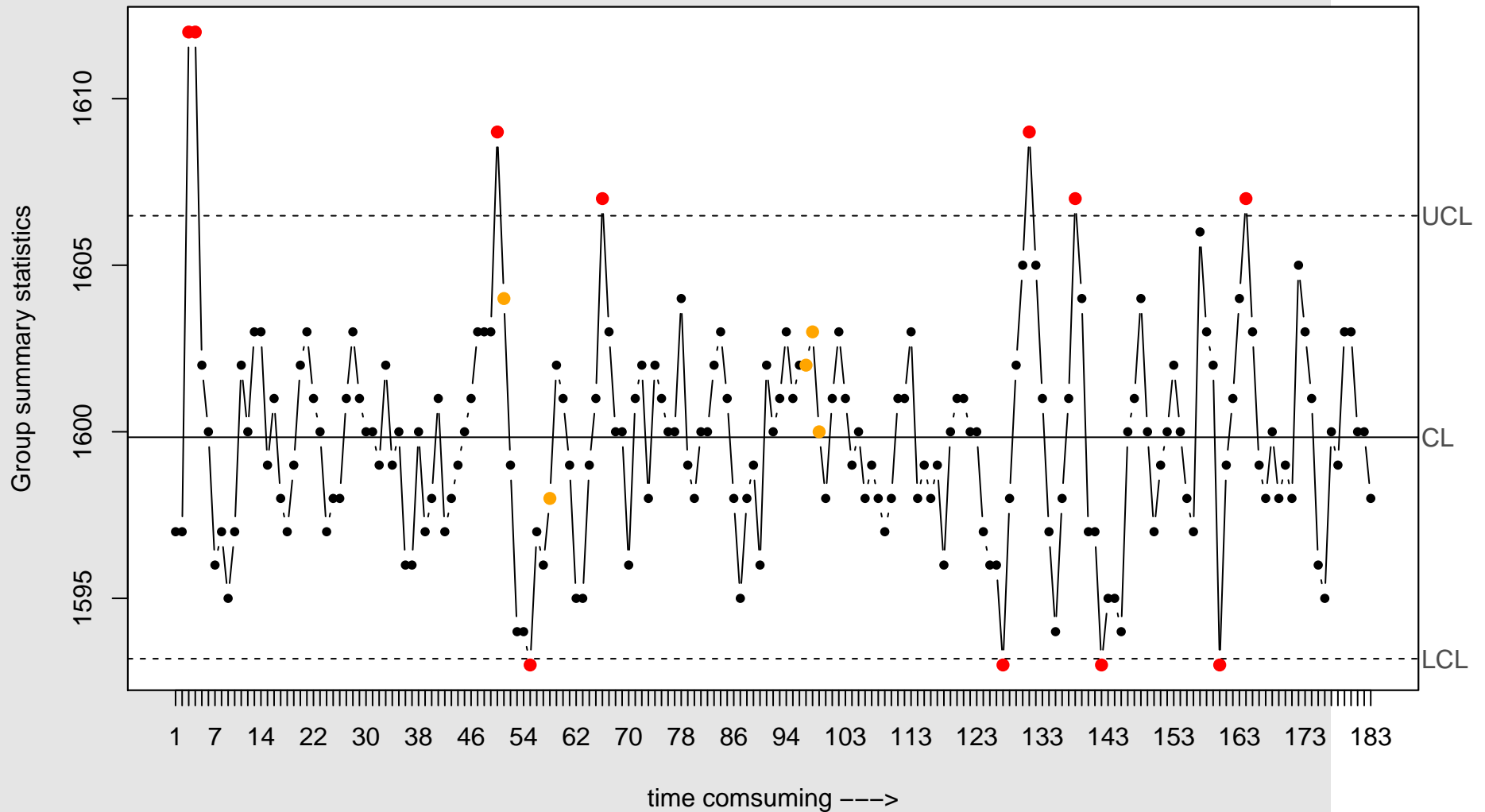
LCL = 1593.461

UCL = 1606.32

Number beyond limits = 11

Number violating runs = 6

# 176th column point of this product



Number of groups = 183

Center = 1599.836

StdDev = 2.216312

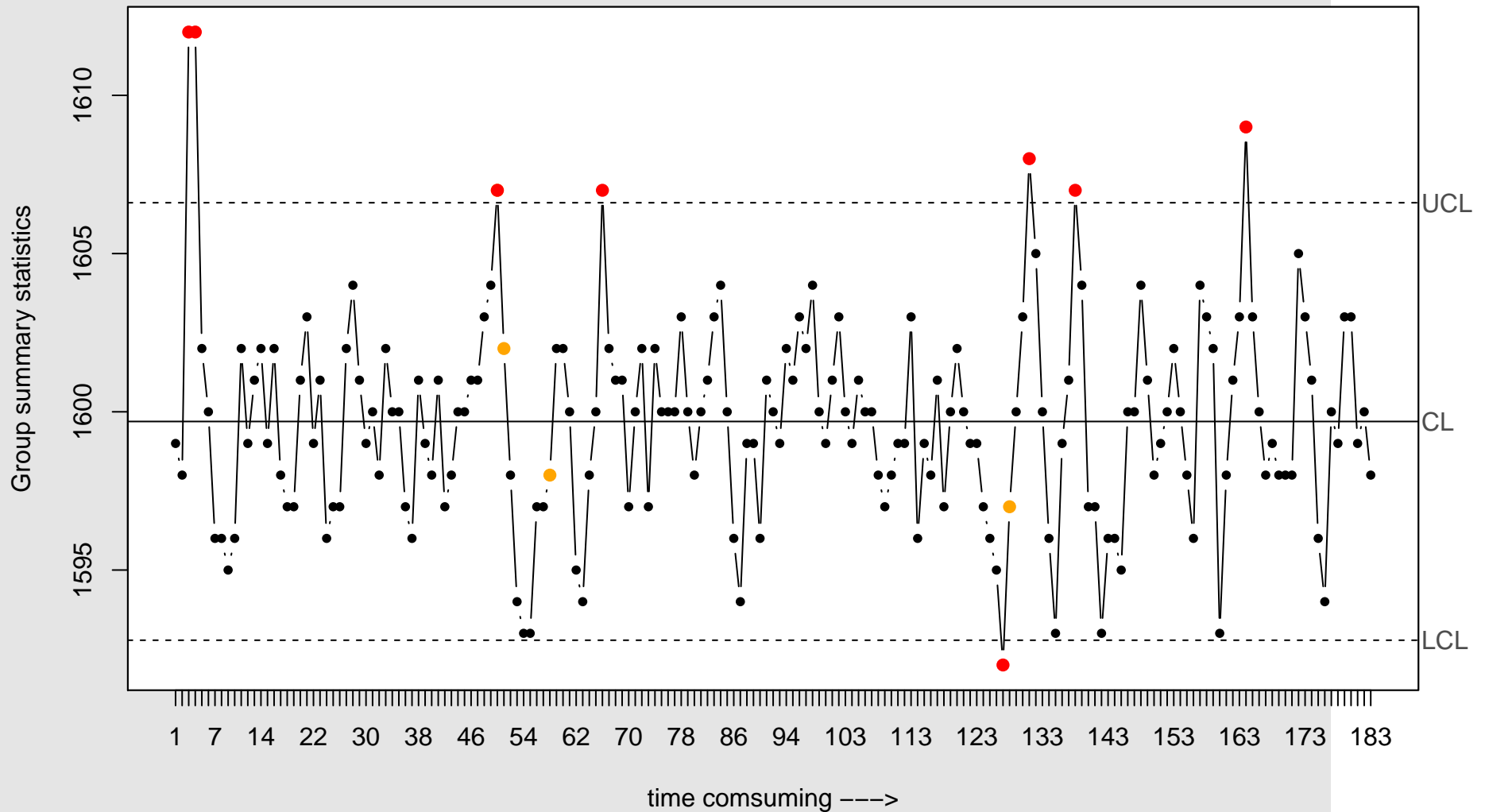
LCL = 1593.187

UCL = 1606.485

Number beyond limits = 11

Number violating runs = 5

# 177th column point of this product



Number of groups = 183

Center = 1599.694

StdDev = 2.30399

LCL = 1592.782

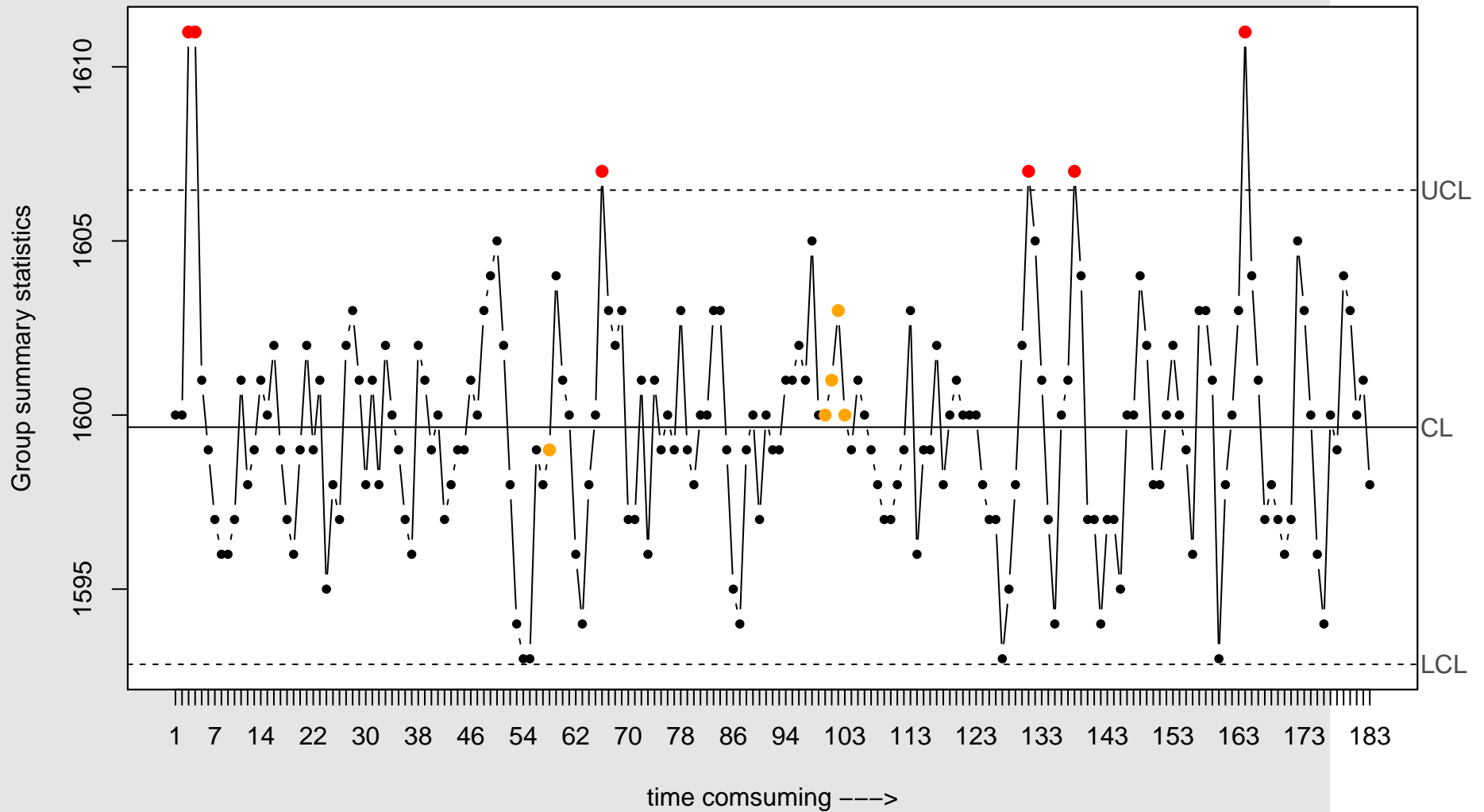
UCL = 1606.606

Number beyond limits = 8

Number violating runs = 4



# 178th column point of this product



Number of groups = 183

Center = 1599.65

StdDev = 2.269893

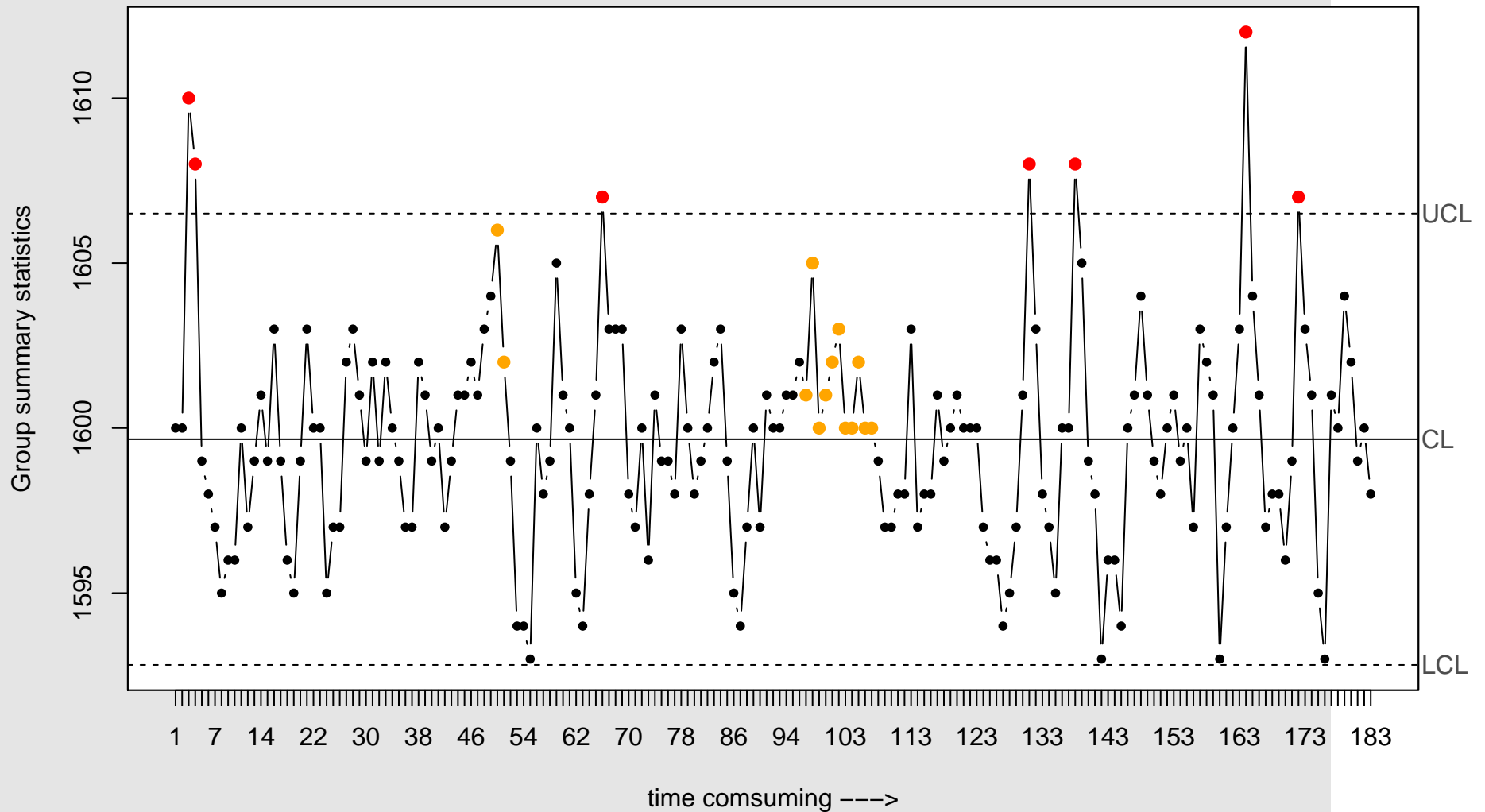
LCL = 1592.841

UCL = 1606.46

Number beyond limits = 6

Number violating runs = 5

# 179th column point of this product



Number of groups = 183

Center = 1599.661

StdDev = 2.279635

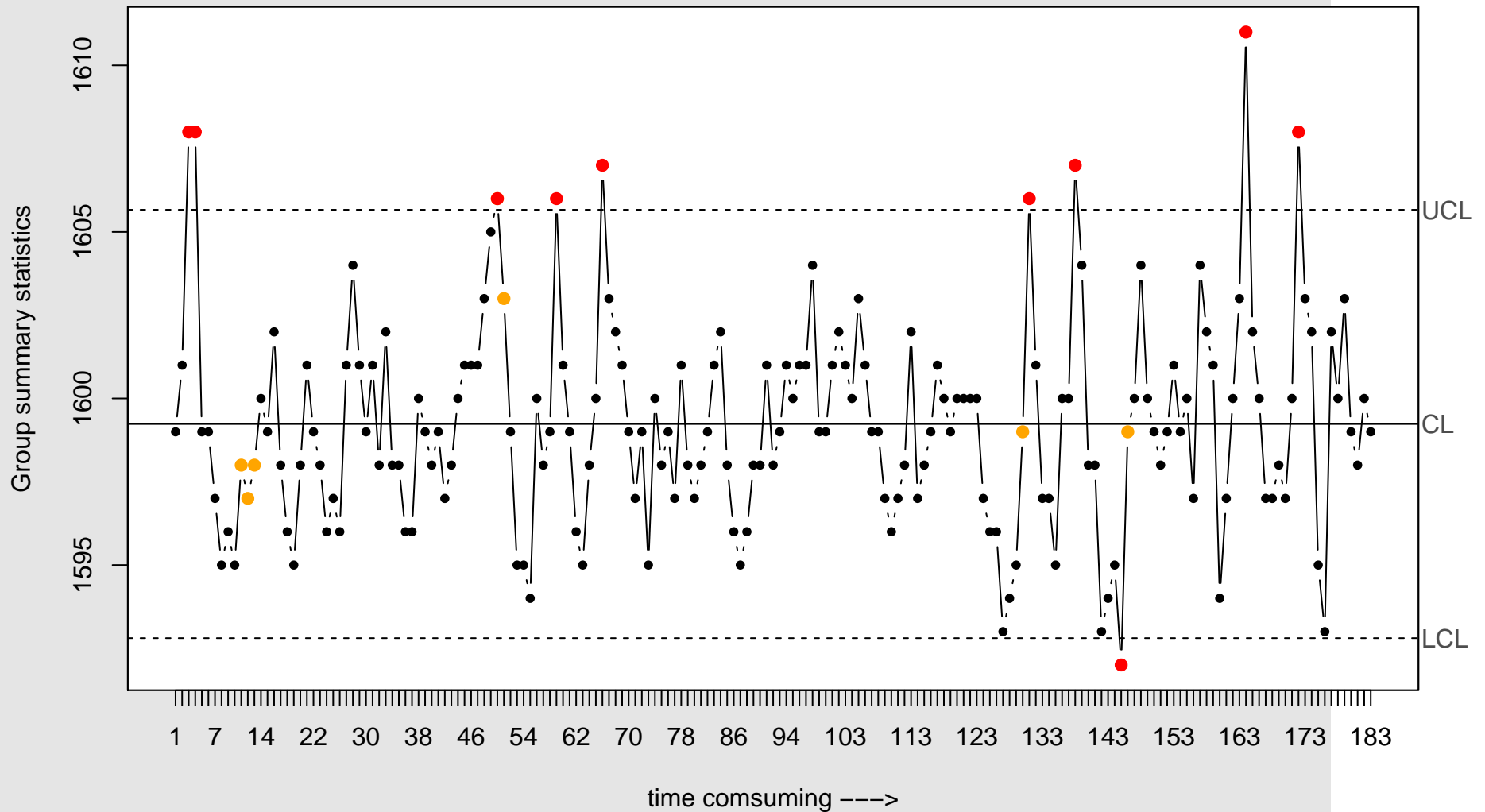
LCL = 1592.822

UCL = 1606.5

Number beyond limits = 7

Number violating runs = 13

# 180th column point of this product



Number of groups = 183

Center = 1599.235

StdDev = 2.143247

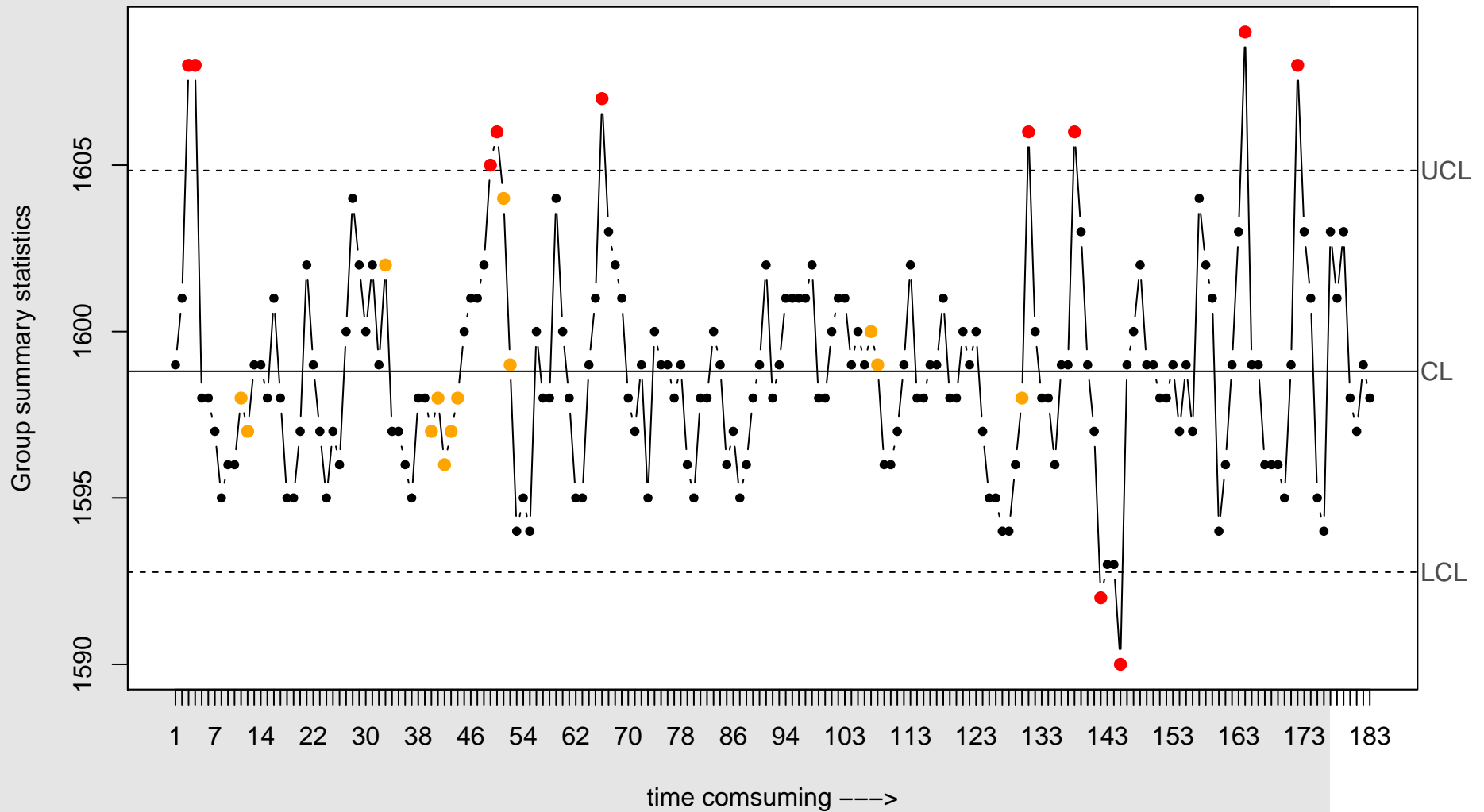
LCL = 1592.805

UCL = 1605.665

Number beyond limits = 10

Number violating runs = 7

# 181th column point of this product

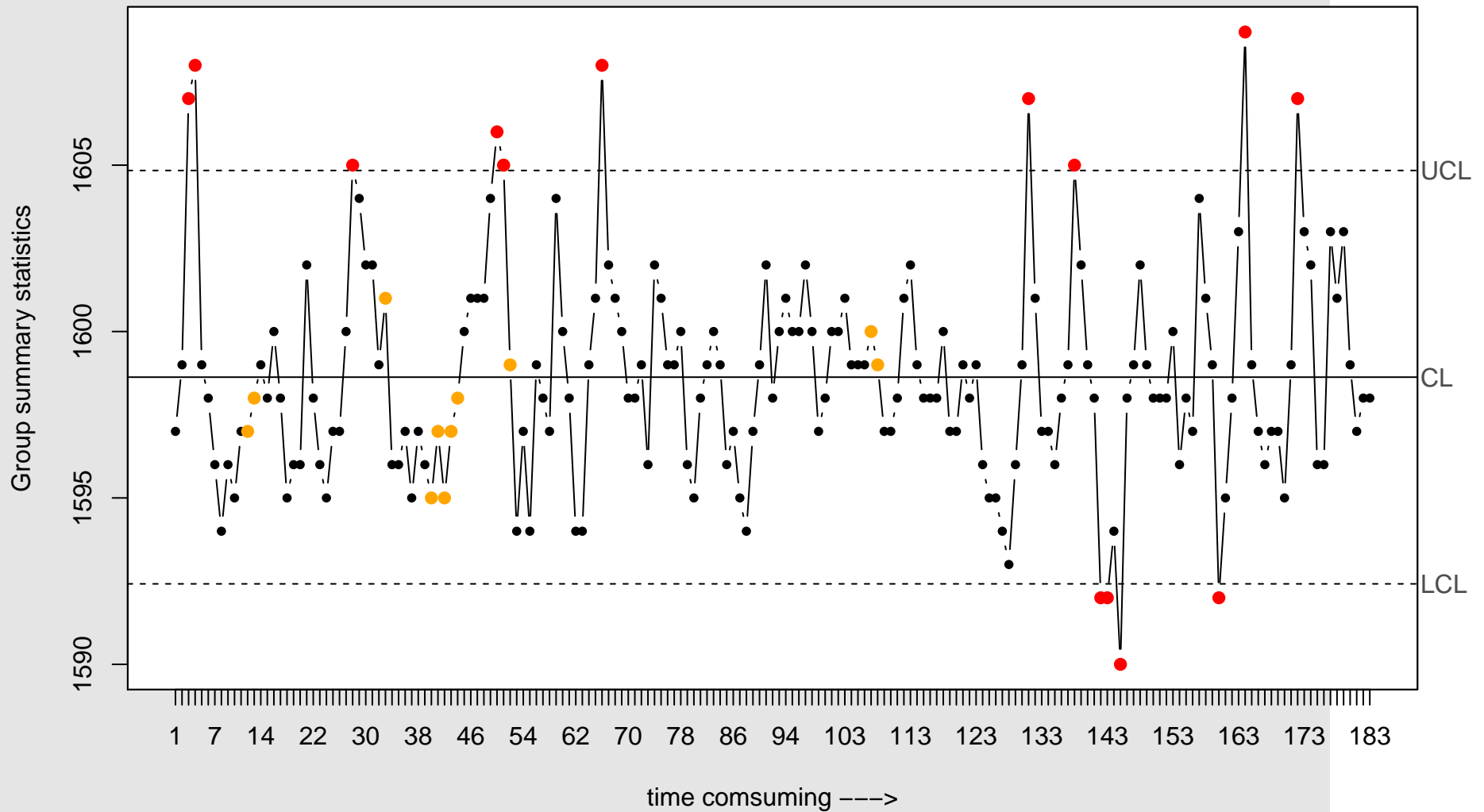


Number of groups = 183  
Center = 1598.803  
StdDev = 2.011729

LCL = 1592.768  
UCL = 1604.838

Number beyond limits = 11  
Number violating runs = 13

# 182th column point of this product



Number of groups = 183

Center = 1598.628

StdDev = 2.070182

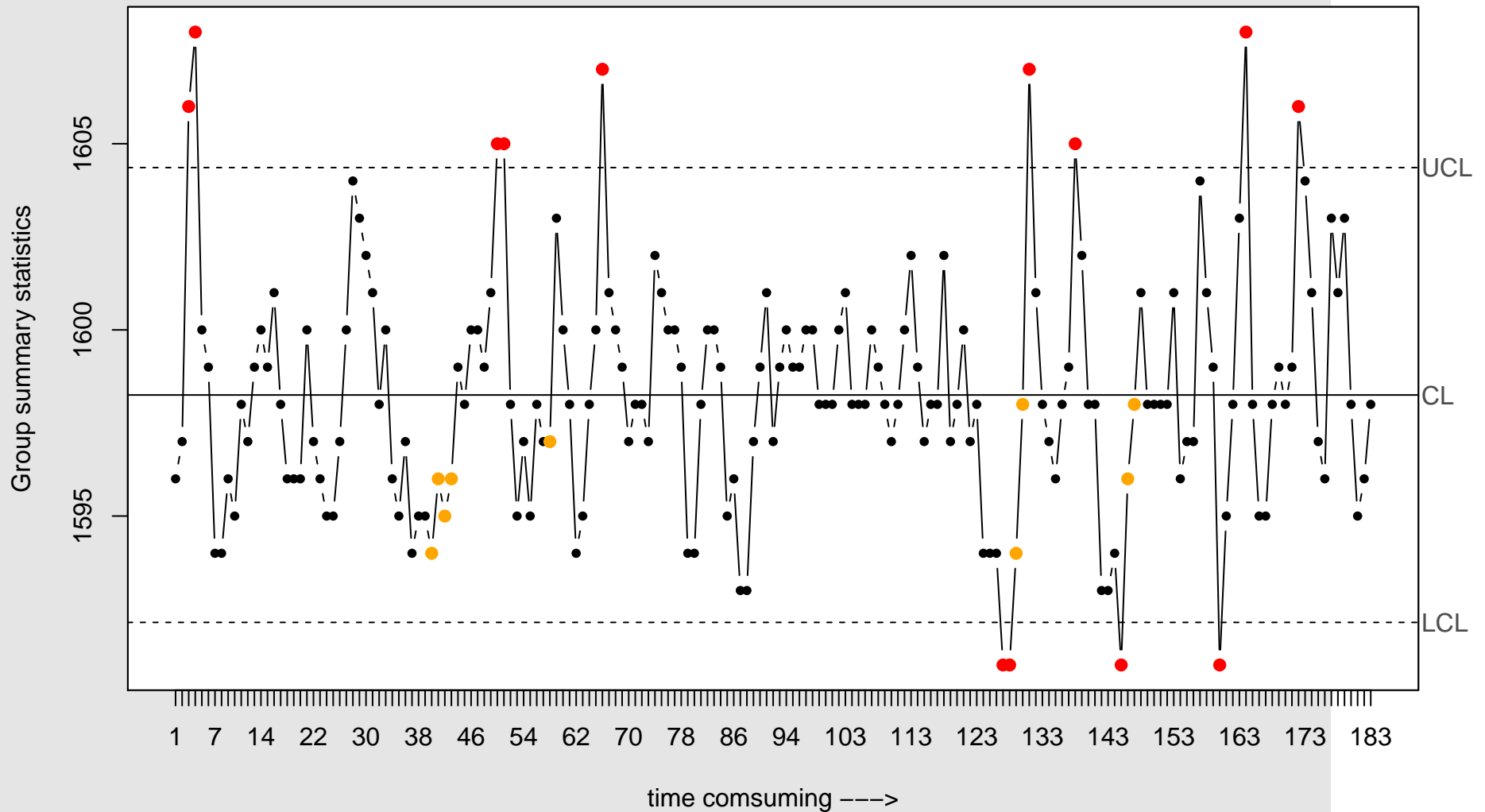
LCL = 1592.418

UCL = 1604.839

Number beyond limits = 14

Number violating runs = 12

# 183th column point of this product



Number of groups = 183

Center = 1598.251

StdDev = 2.036084

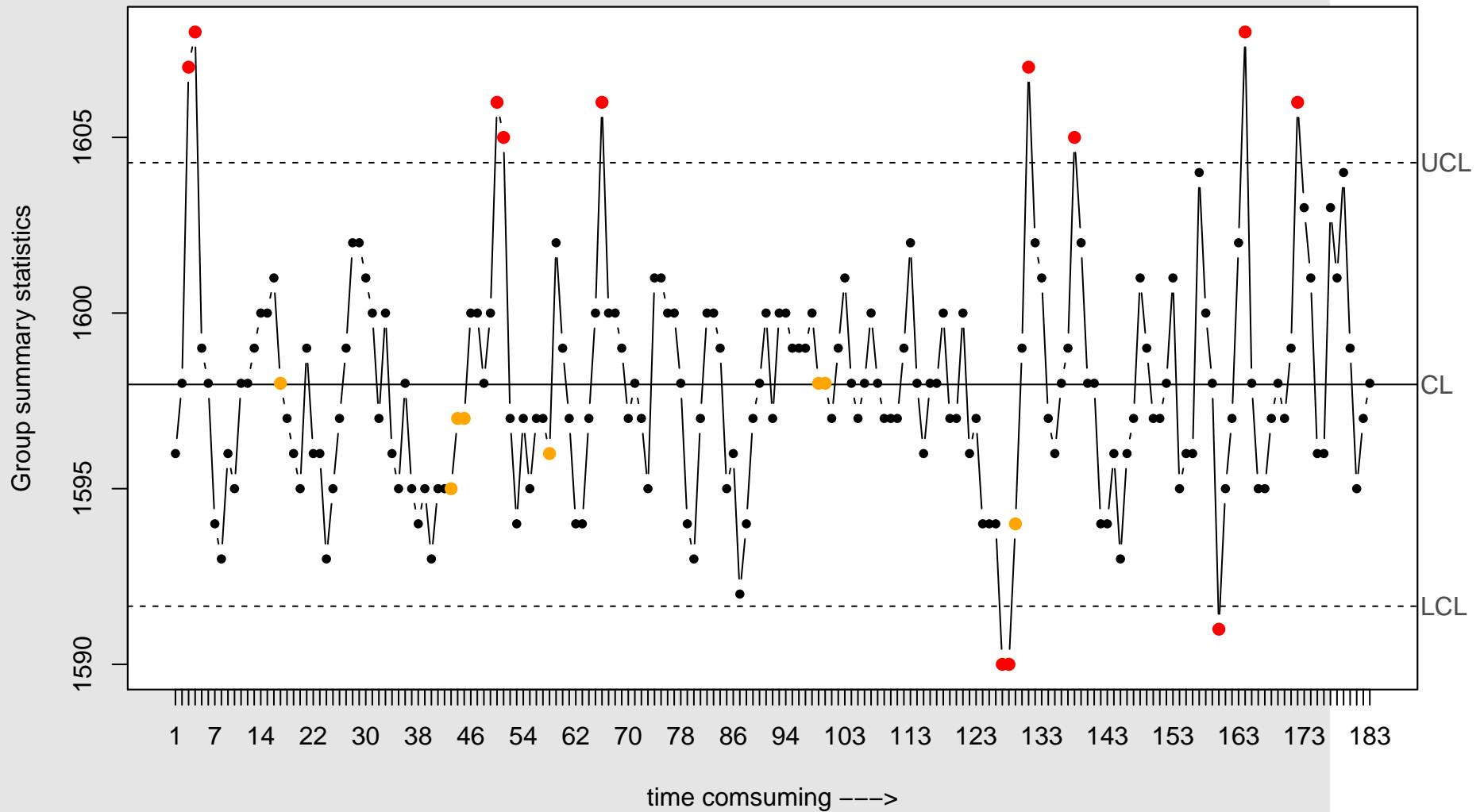
LCL = 1592.143

UCL = 1604.36

Number beyond limits = 13

Number violating runs = 10

# 184th column point of this product

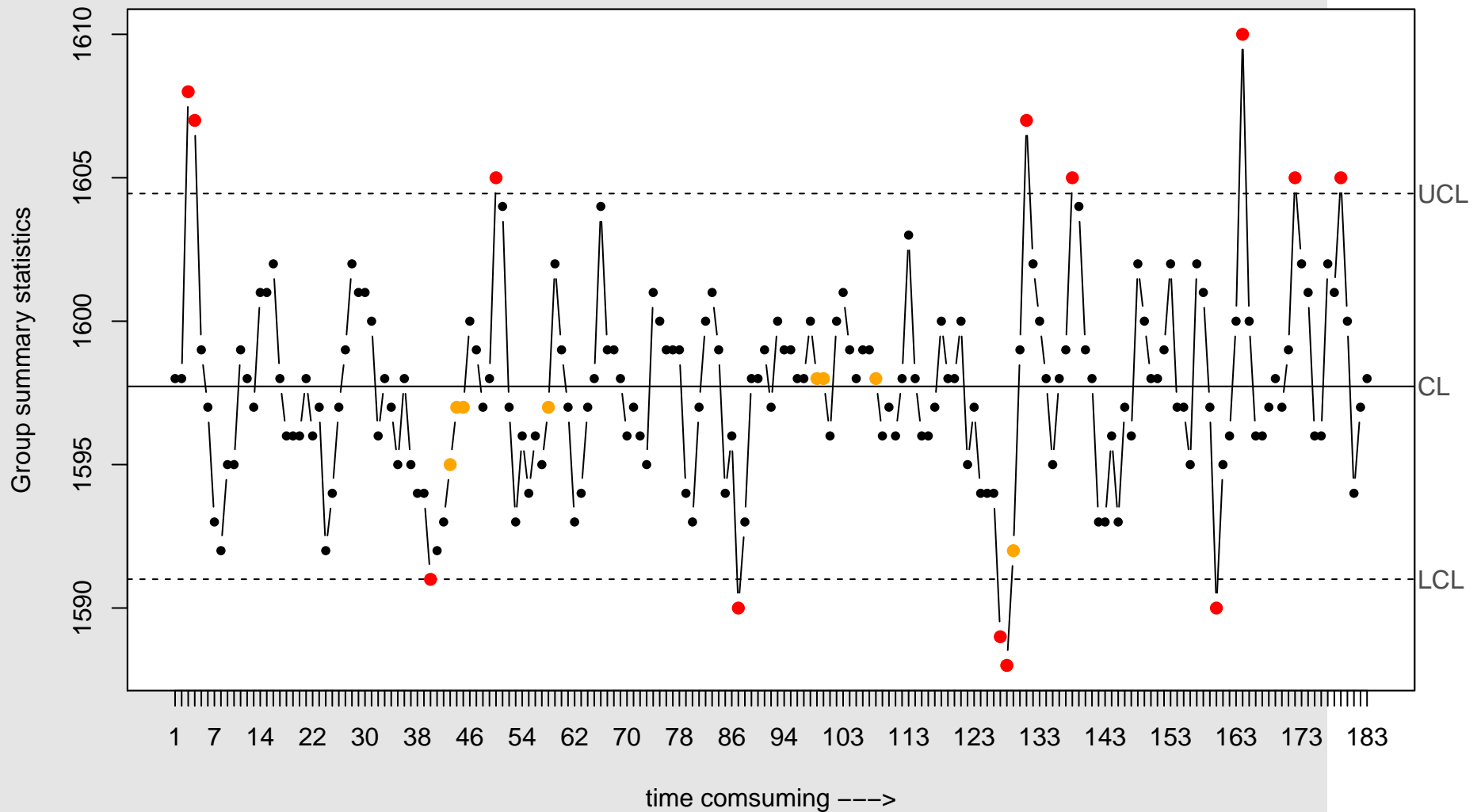


Number of groups = 183  
Center = 1597.967  
StdDev = 2.104279

LCL = 1591.654  
UCL = 1604.28

Number beyond limits = 12  
Number violating runs = 9

# 185th column point of this product



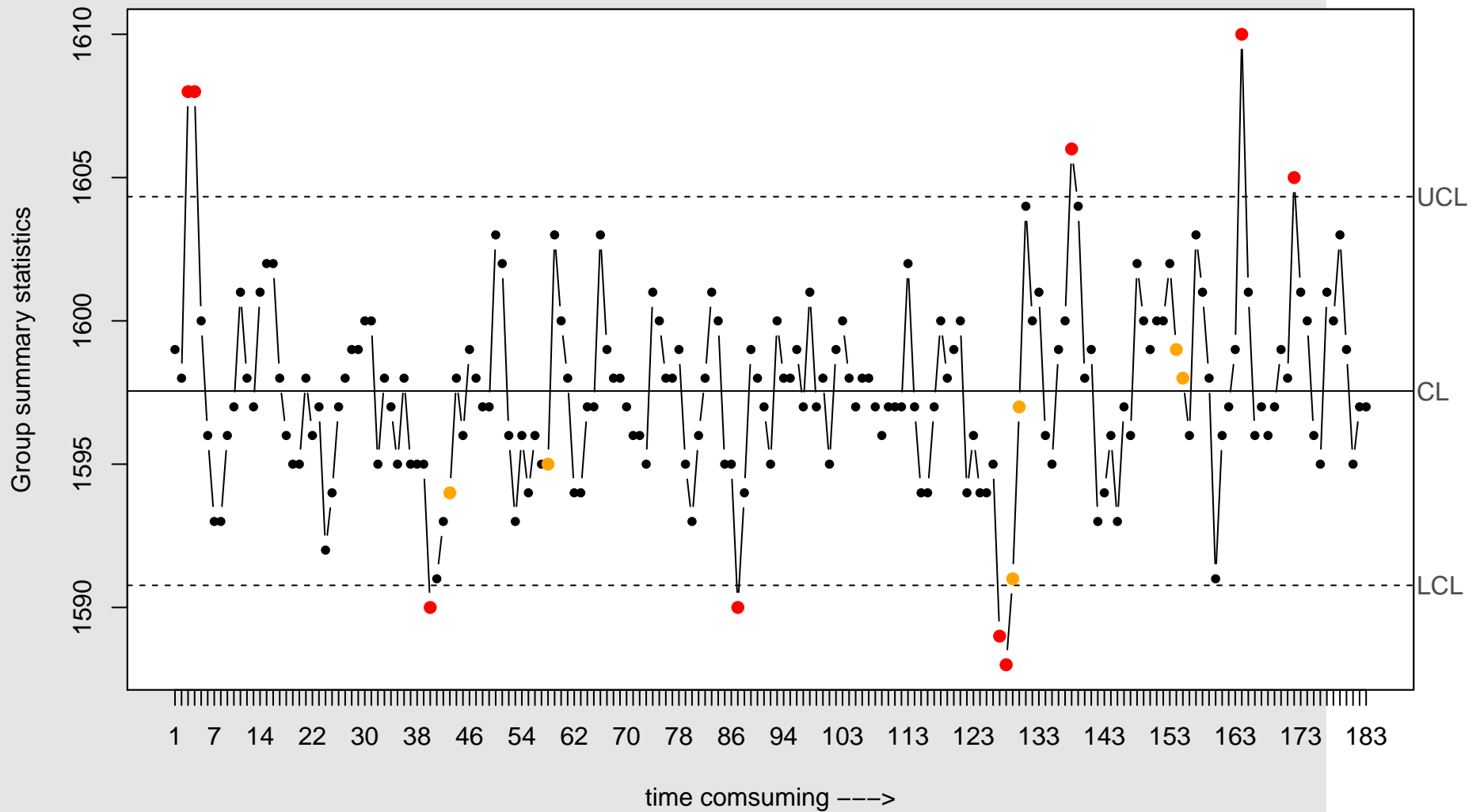
Number of groups = 183  
 Center = 1597.727  
 StdDev = 2.240667

LCL = 1591.005  
 UCL = 1604.449

Number beyond limits = 13  
 Number violating runs = 9



### 186th column point of this product



Number of groups = 183

Center = 1597.552

StdDev = 2.260151

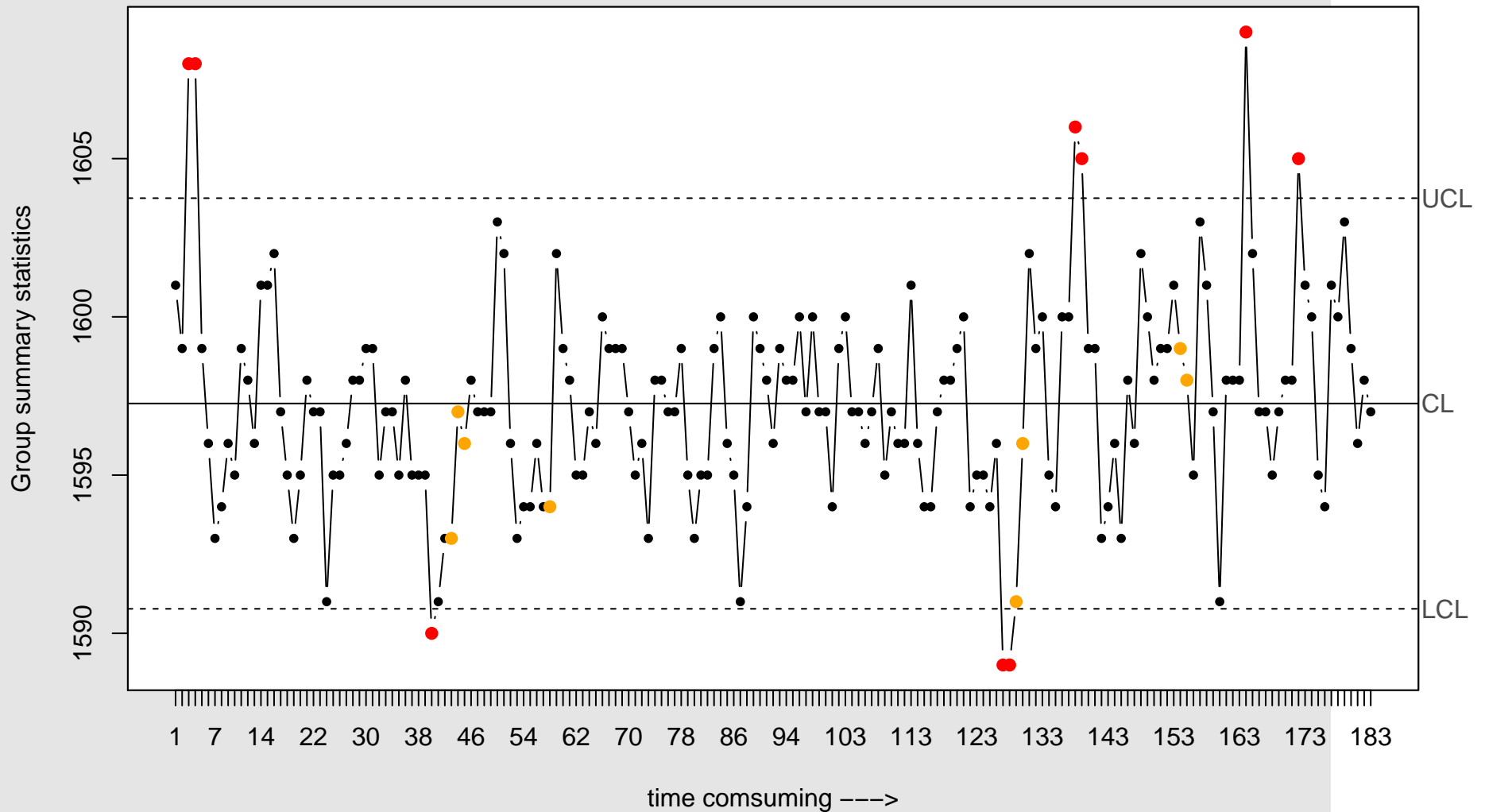
LCL = 1590.771

UCL = 1604.332

Number beyond limits = 9

Number violating runs = 7

# 187th column point of this product

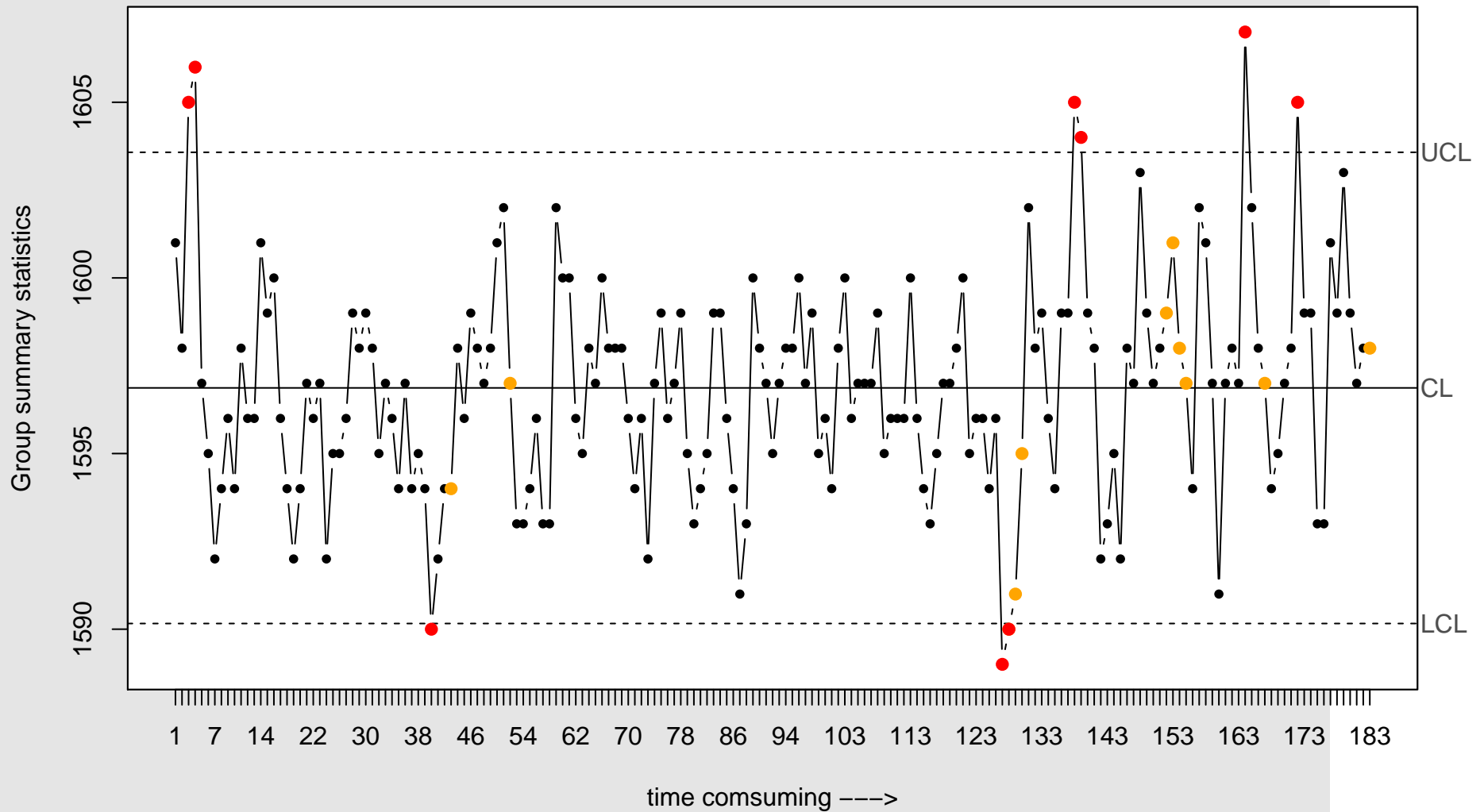


Number of groups = 183  
Center = 1597.262  
StdDev = 2.162731

LCL = 1590.774  
UCL = 1603.75

Number beyond limits = 9  
Number violating runs = 9

# 188th column point of this product



Number of groups = 183

Center = 1596.869

StdDev = 2.235796

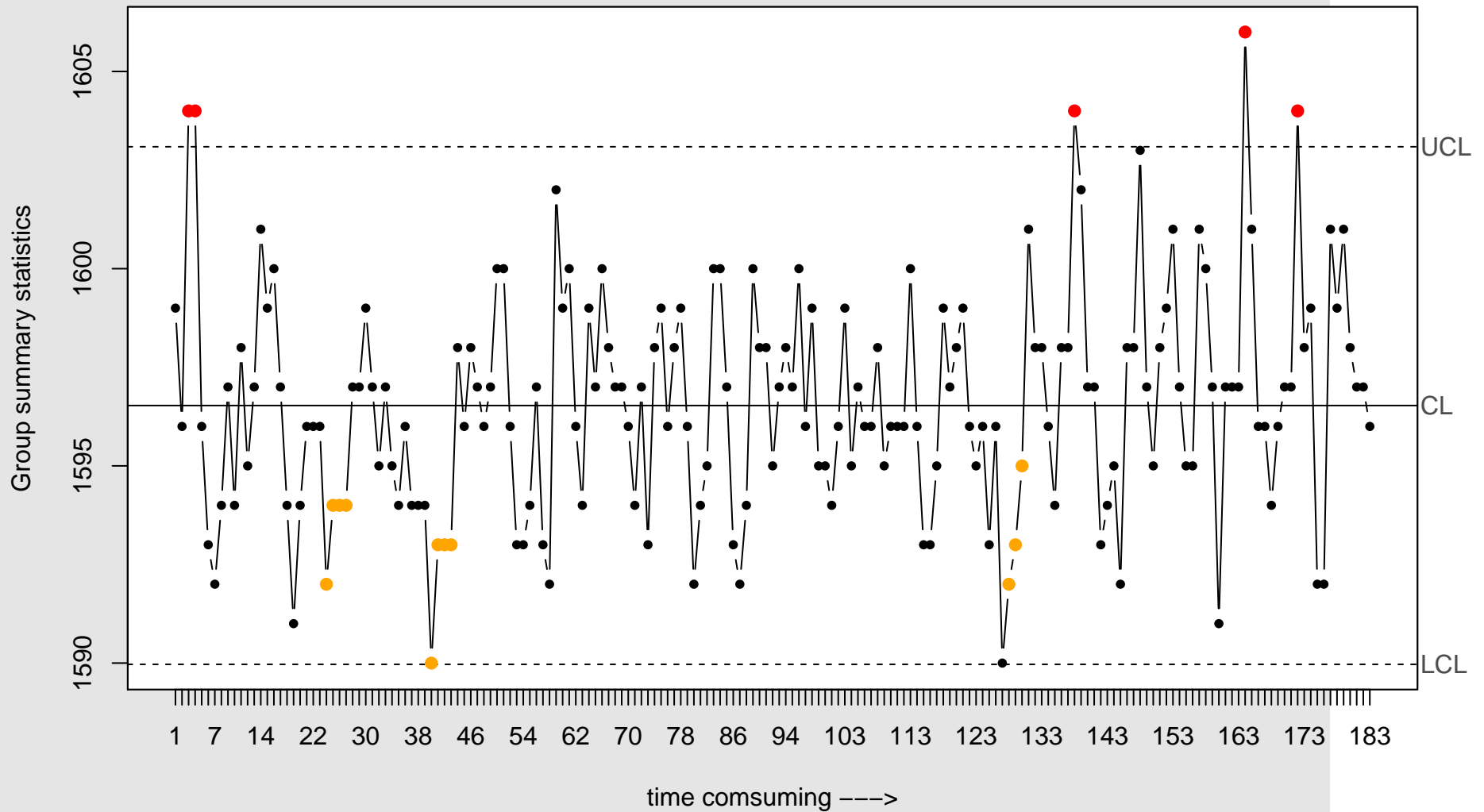
LCL = 1590.161

UCL = 1603.576

Number beyond limits = 9

Number violating runs = 11

# 189th column point of this product



Number of groups = 183

Center = 1596.53

StdDev = 2.187086

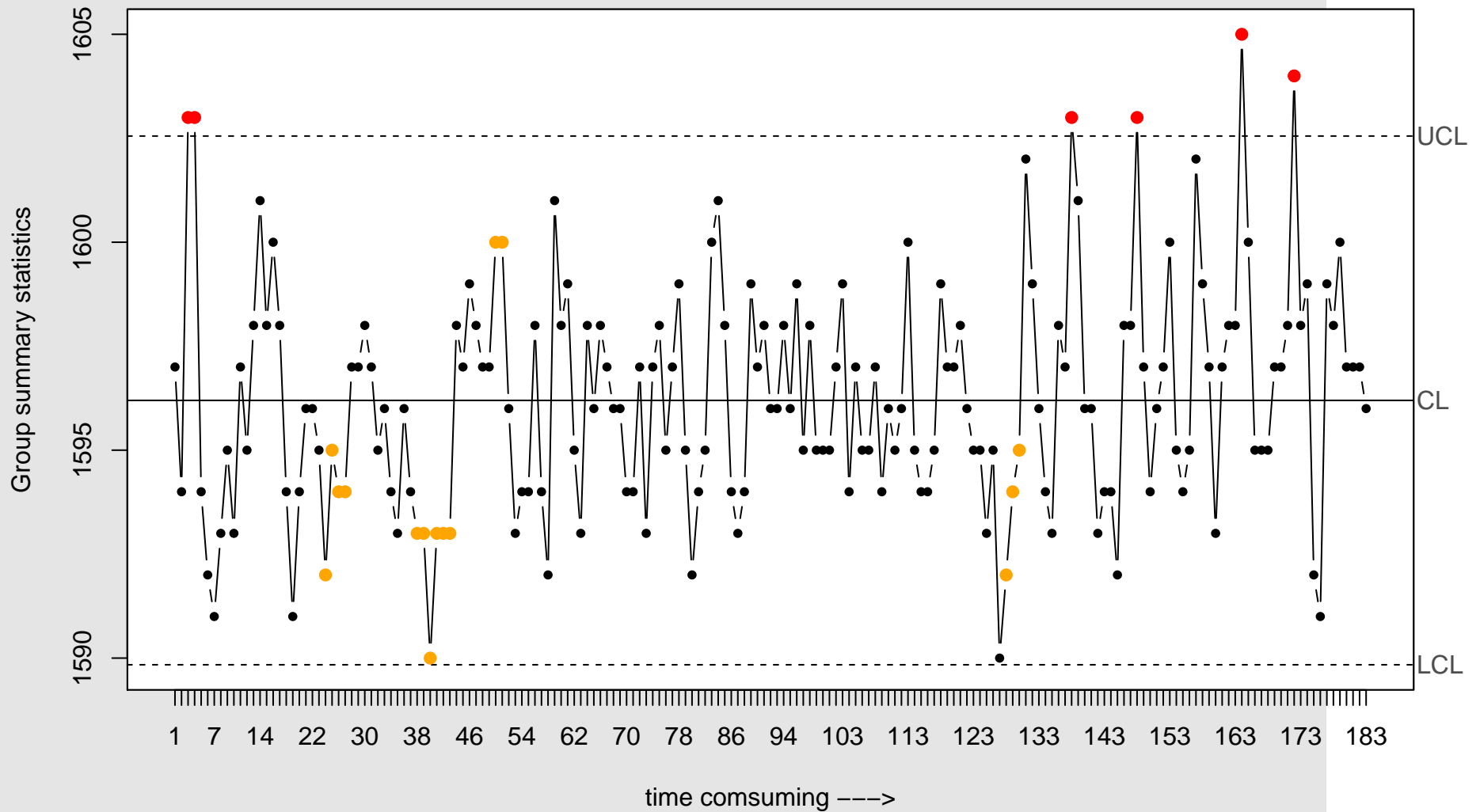
LCL = 1589.969

UCL = 1603.091

Number beyond limits = 5

Number violating runs = 11

# 190th column point of this product



Number of groups = 183

Center = 1596.197

StdDev = 2.118892

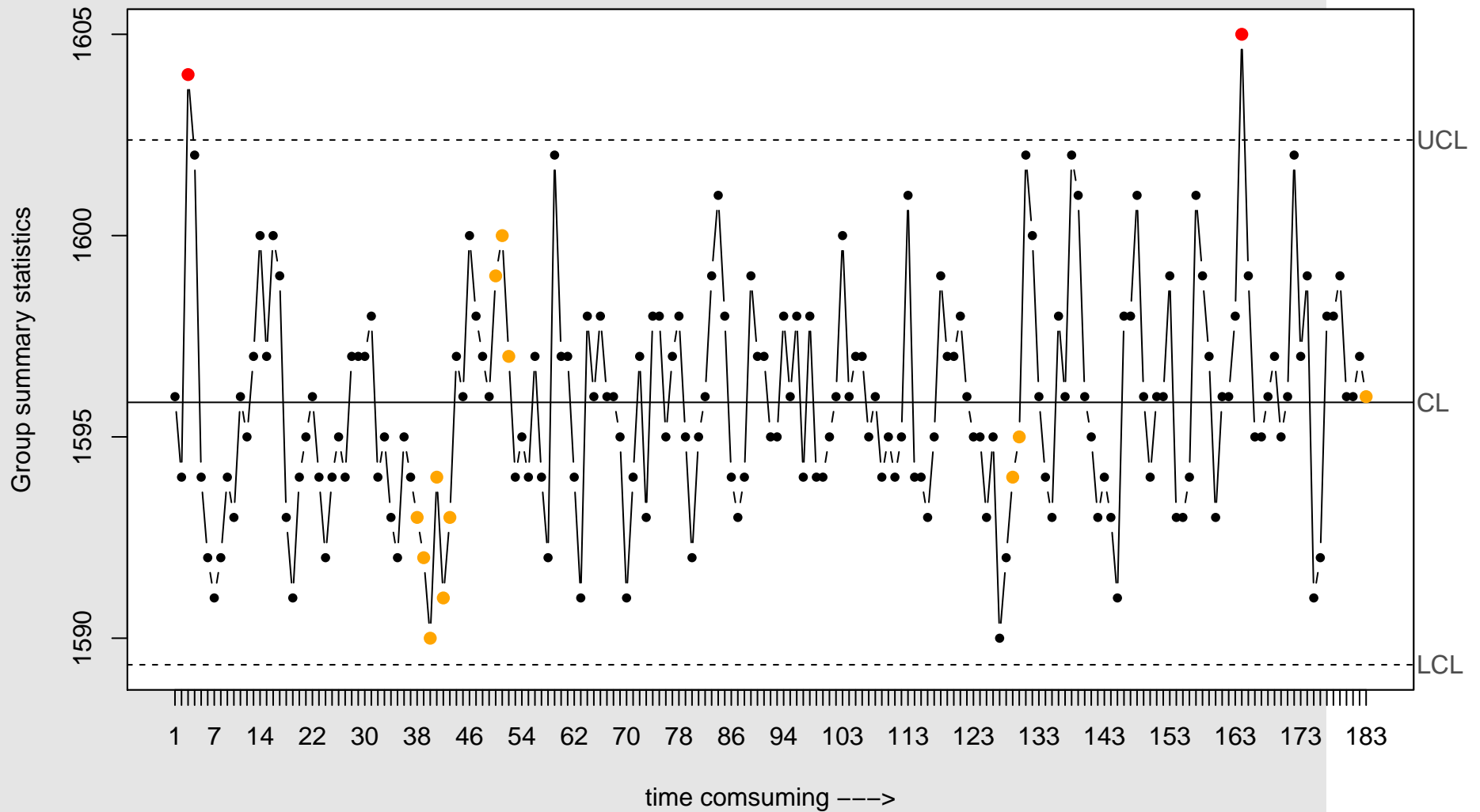
LCL = 1589.84

UCL = 1602.553

Number beyond limits = 6

Number violating runs = 15

### 191th column point of this product



Number of groups = 183

Center = 1595.858

StdDev = 2.172473

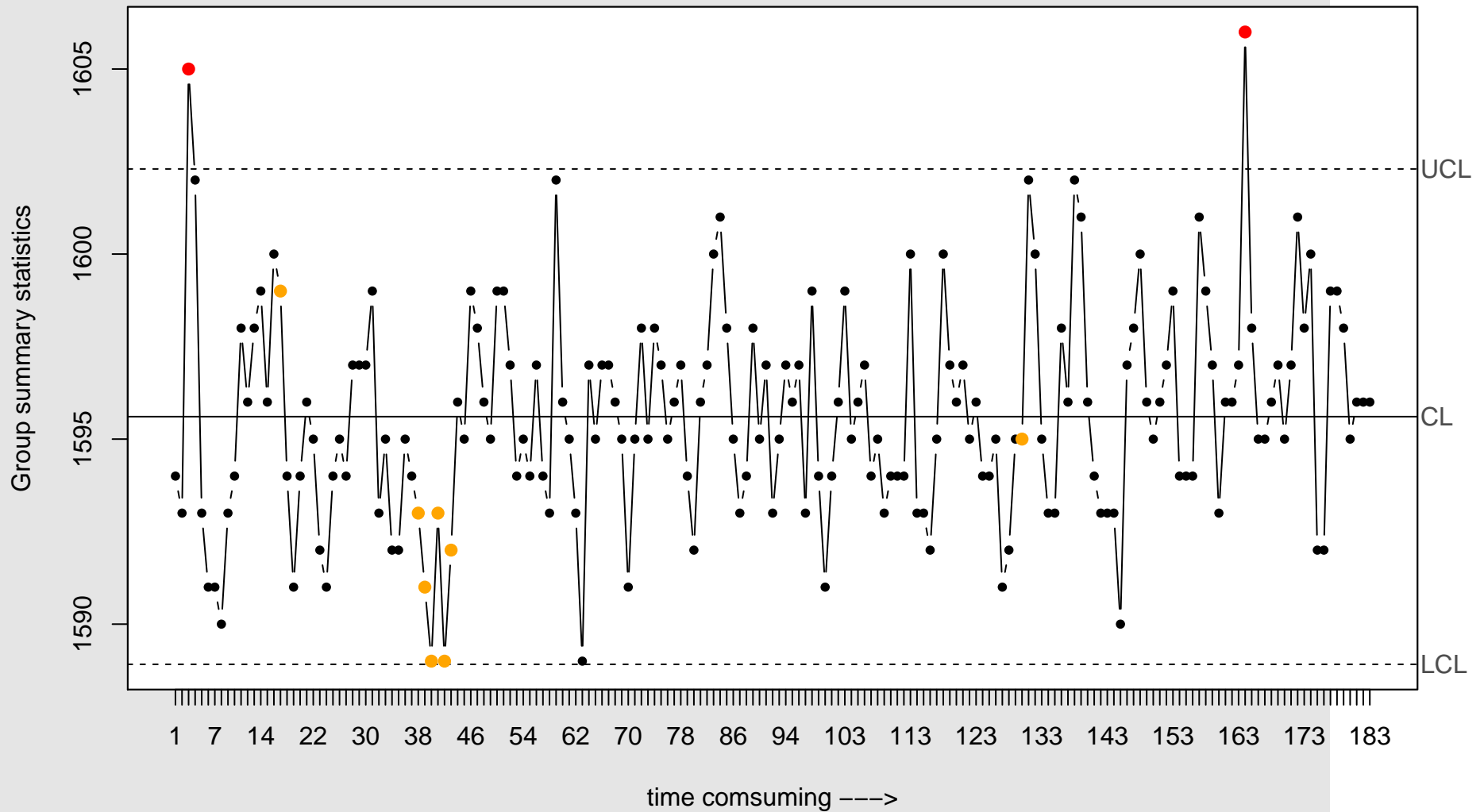
LCL = 1589.341

UCL = 1602.375

Number beyond limits = 2

Number violating runs = 12

# 192th column point of this product



Number of groups = 183

Center = 1595.607

StdDev = 2.230925

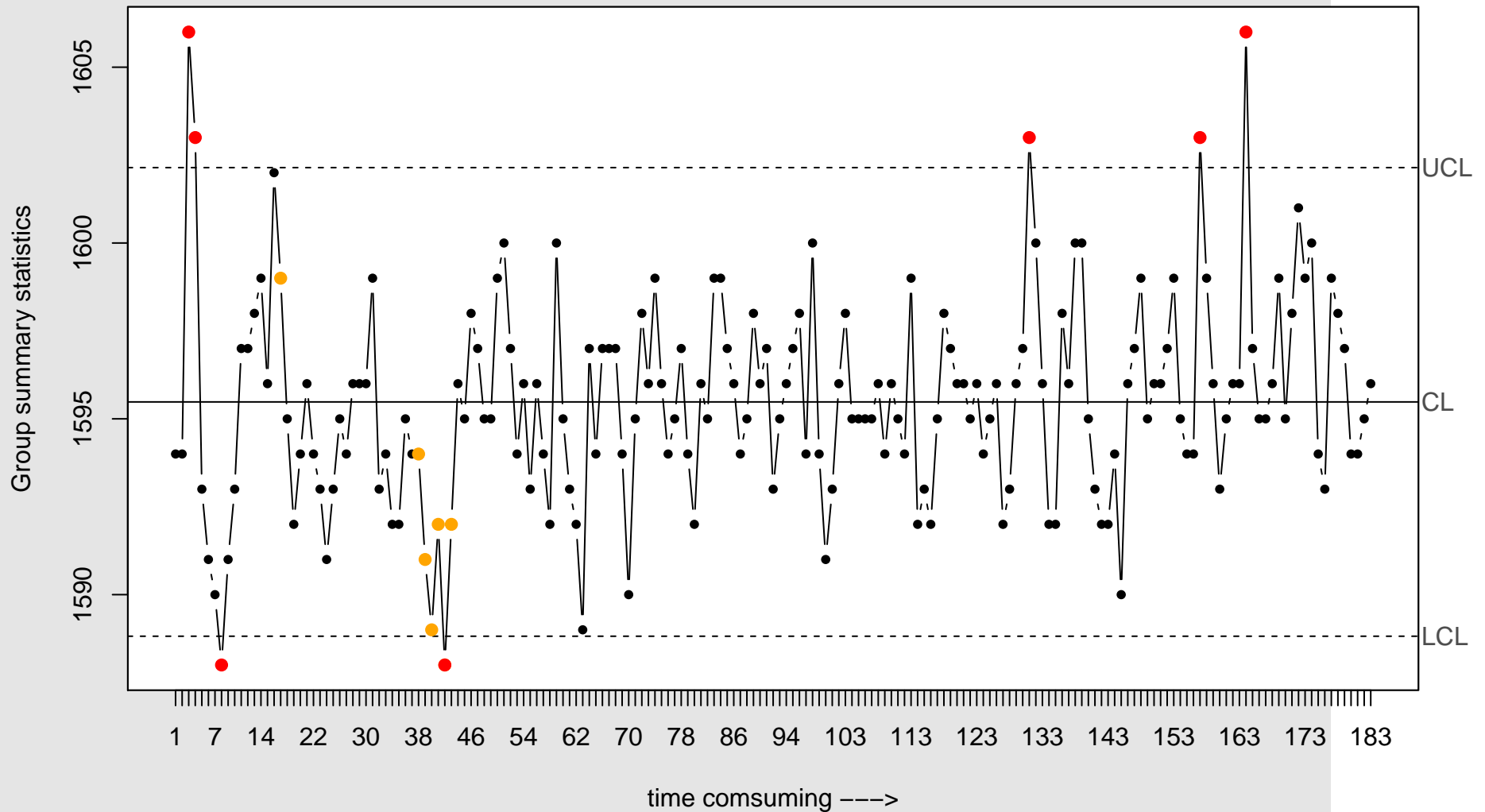
LCL = 1588.914

UCL = 1602.299

Number beyond limits = 2

Number violating runs = 8

### 193th column point of this product



Number of groups = 183

Center = 1595.481

StdDev = 2.221183

LCL = 1588.817

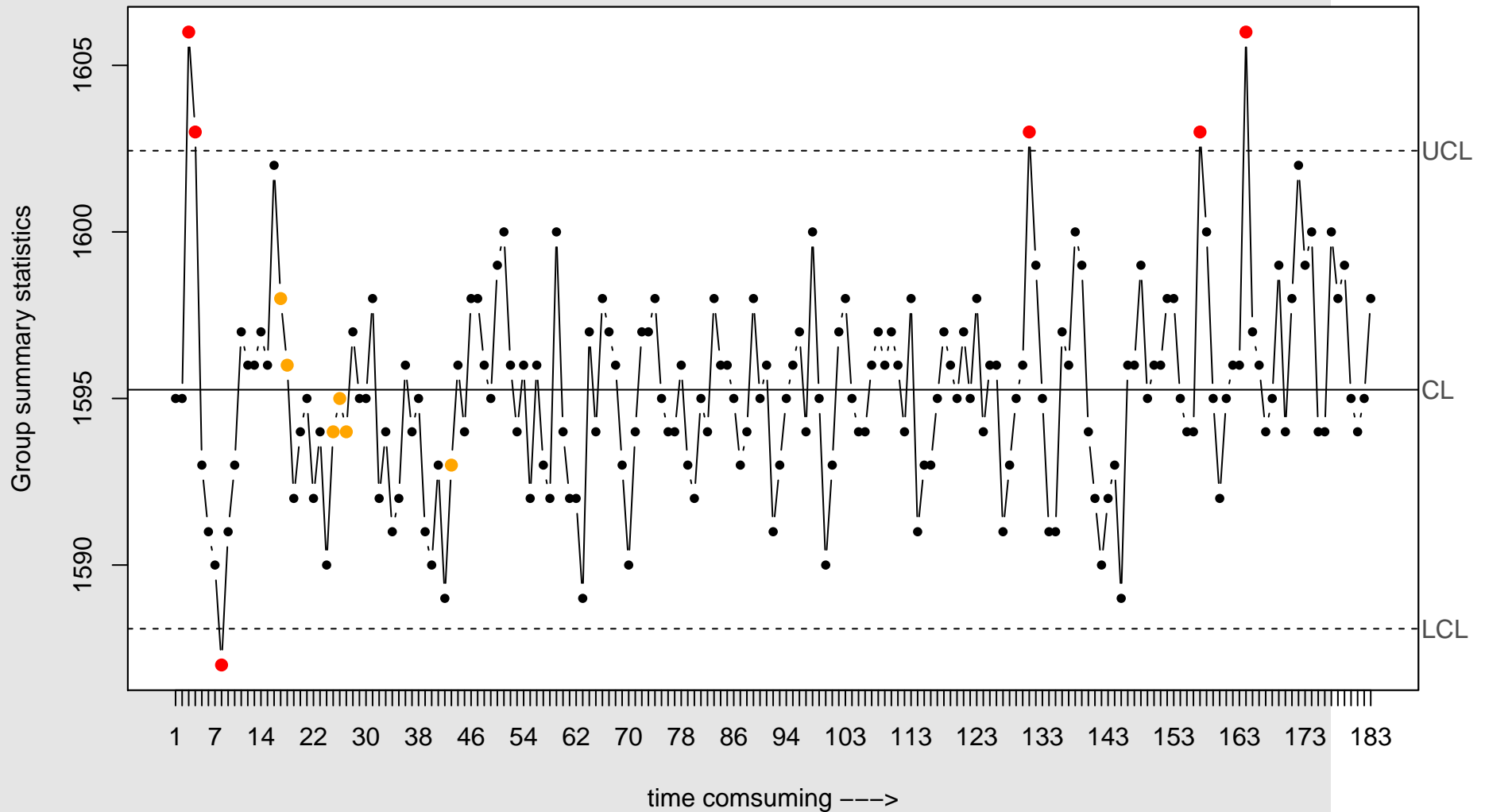
UCL = 1602.144

Number beyond limits = 7

Number violating runs = 7



# 194th column point of this product



Number of groups = 183

Center = 1595.262

StdDev = 2.391669

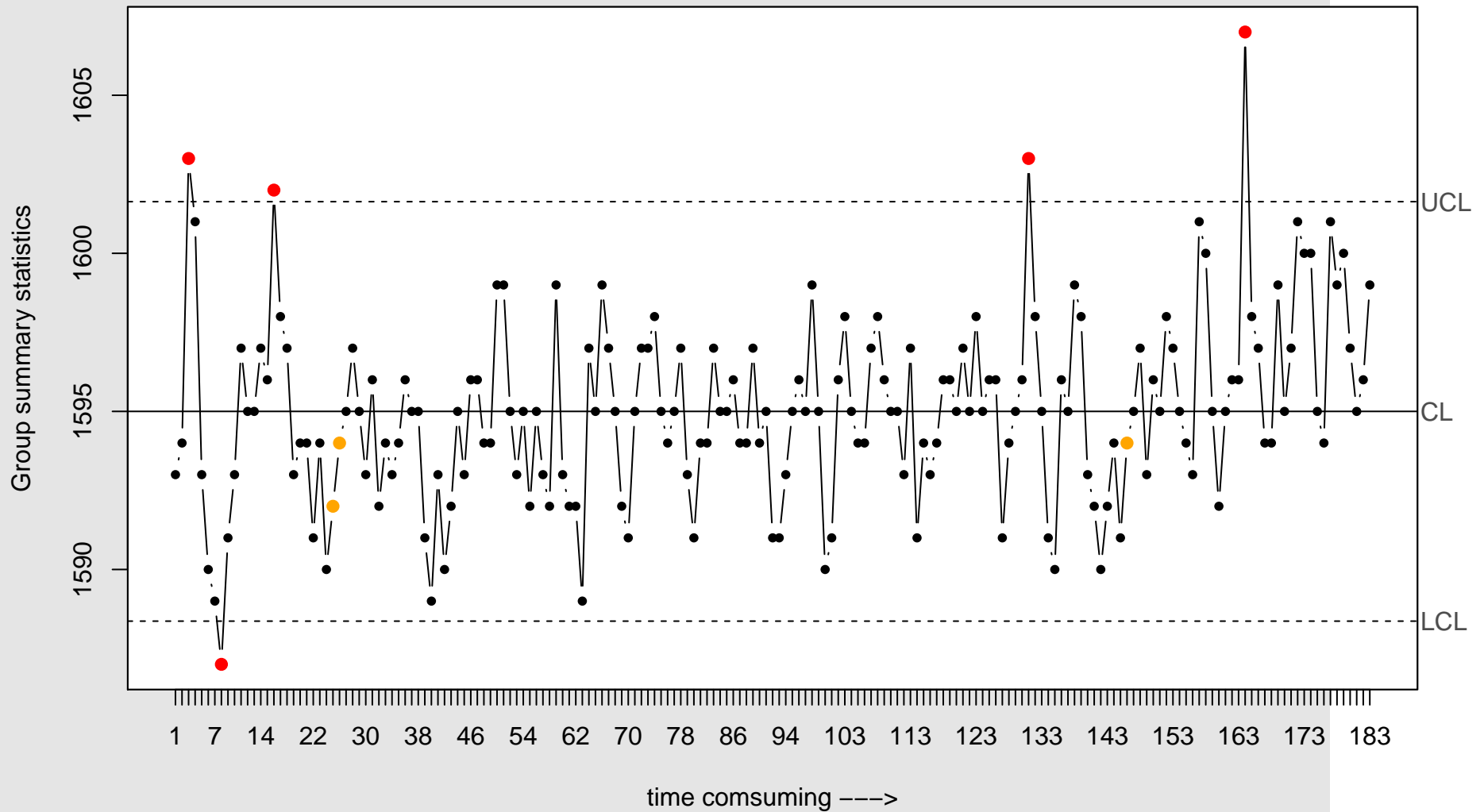
LCL = 1588.087

UCL = 1602.437

Number beyond limits = 6

Number violating runs = 6

### 195th column point of this product



Number of groups = 183

Center = 1595

StdDev = 2.211441

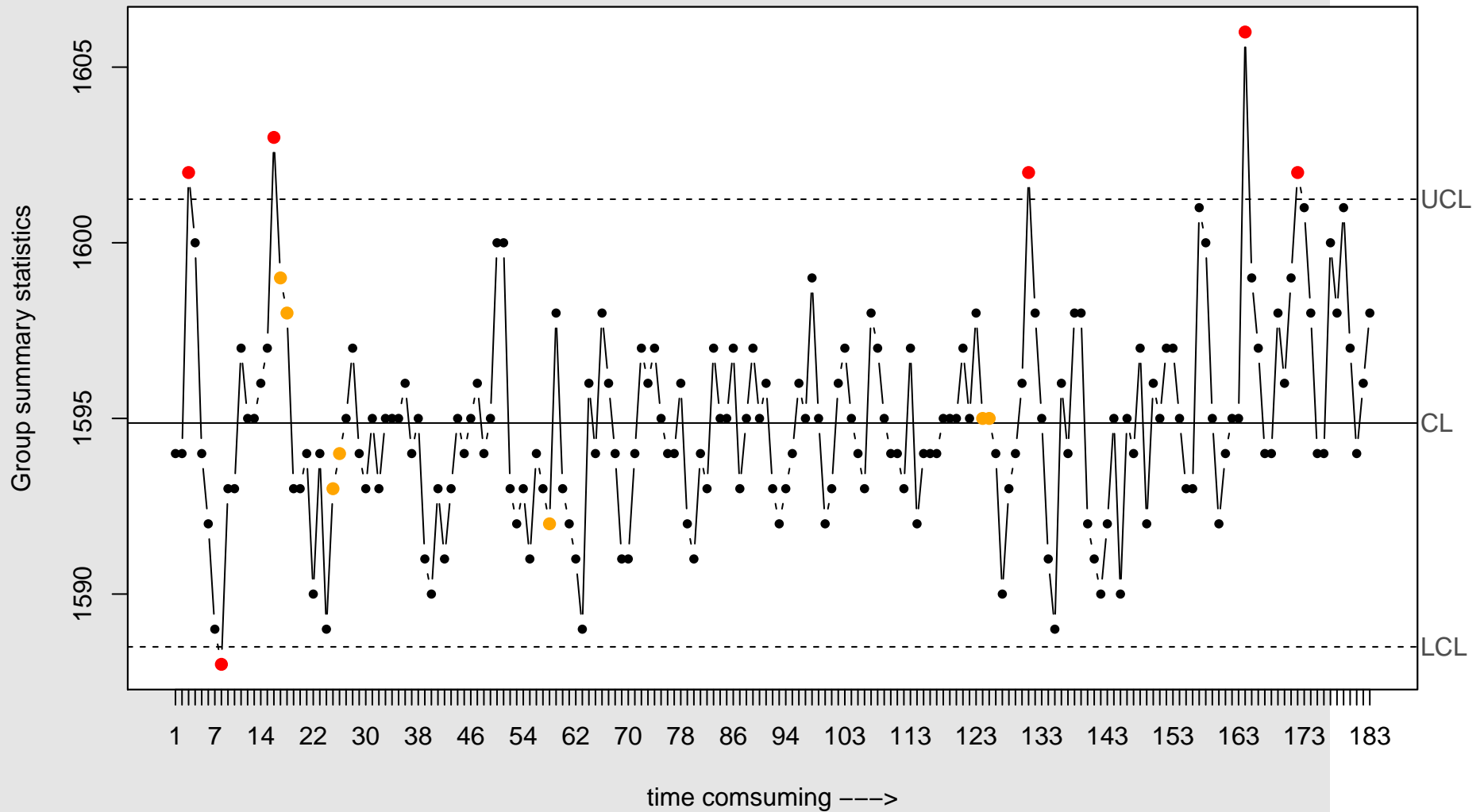
LCL = 1588.366

UCL = 1601.634

Number beyond limits = 5

Number violating runs = 3

# 196th column point of this product



Number of groups = 183

Center = 1594.869

StdDev = 2.123763

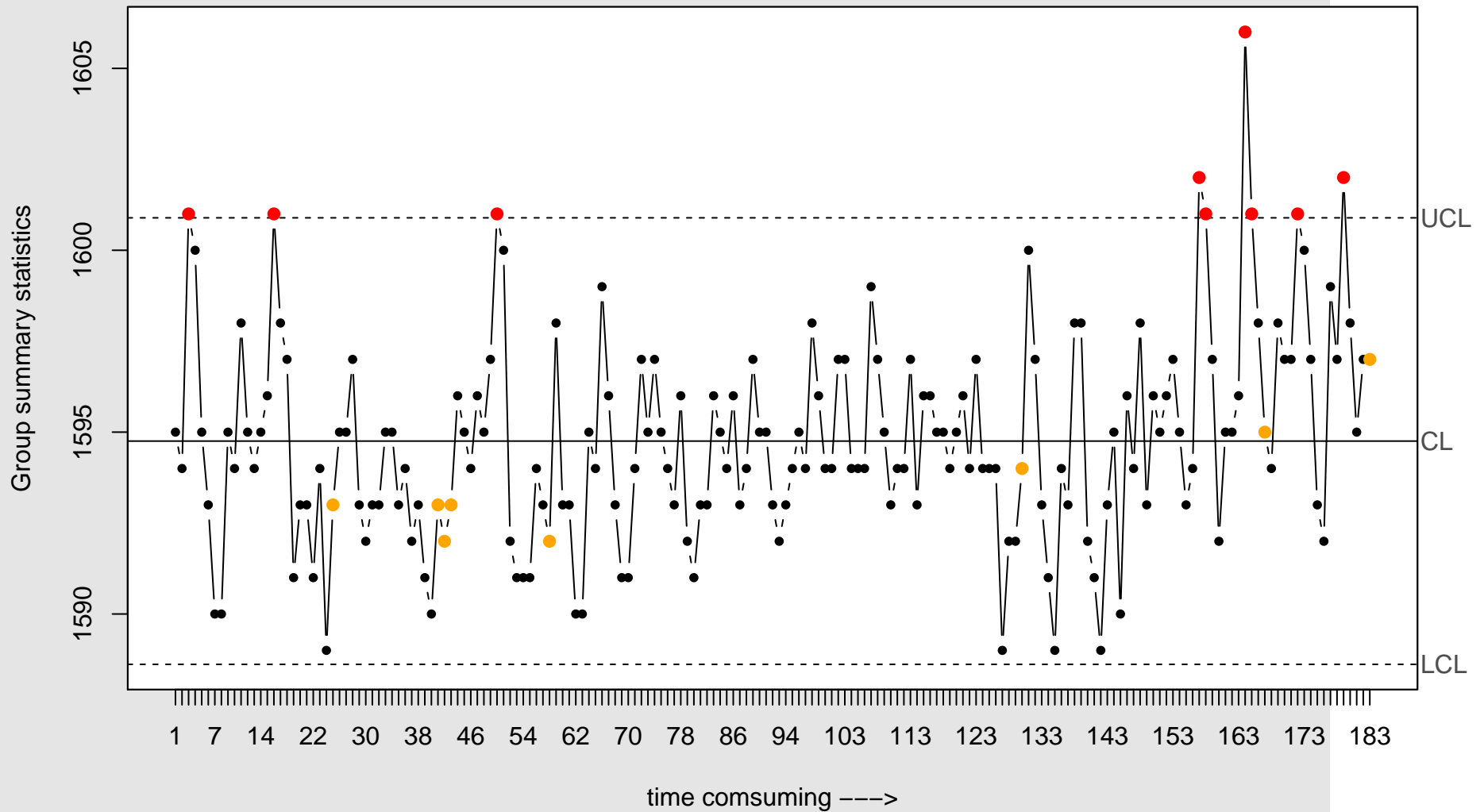
LCL = 1588.498

UCL = 1601.24

Number beyond limits = 6

Number violating runs = 7

### 197th column point of this product



Number of groups = 183

Center = 1594.754

StdDev = 2.045827

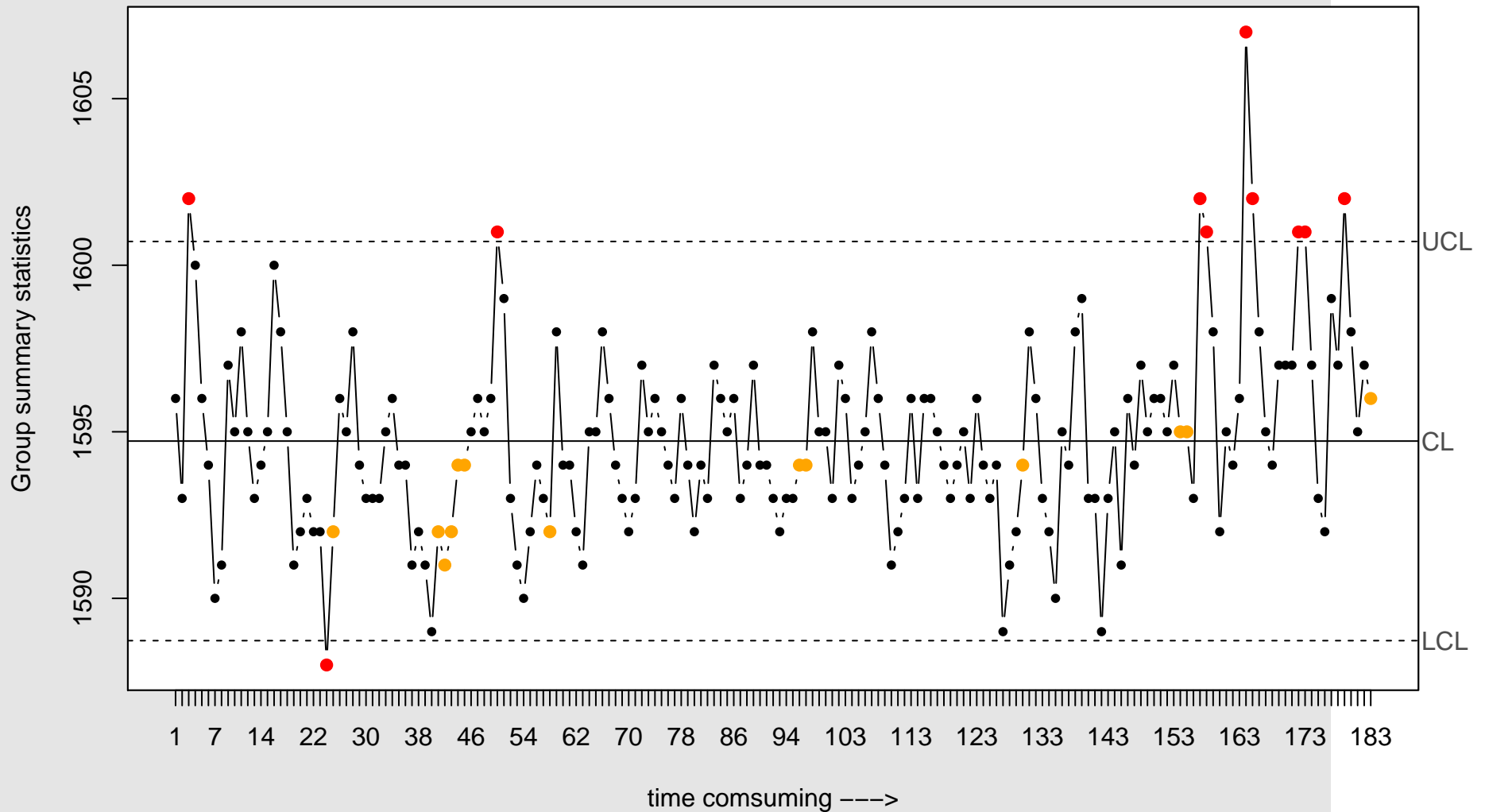
LCL = 1588.617

UCL = 1600.892

Number beyond limits = 9

Number violating runs = 8

# 198th column point of this product



Number of groups = 183

Center = 1594.721

StdDev = 1.997116

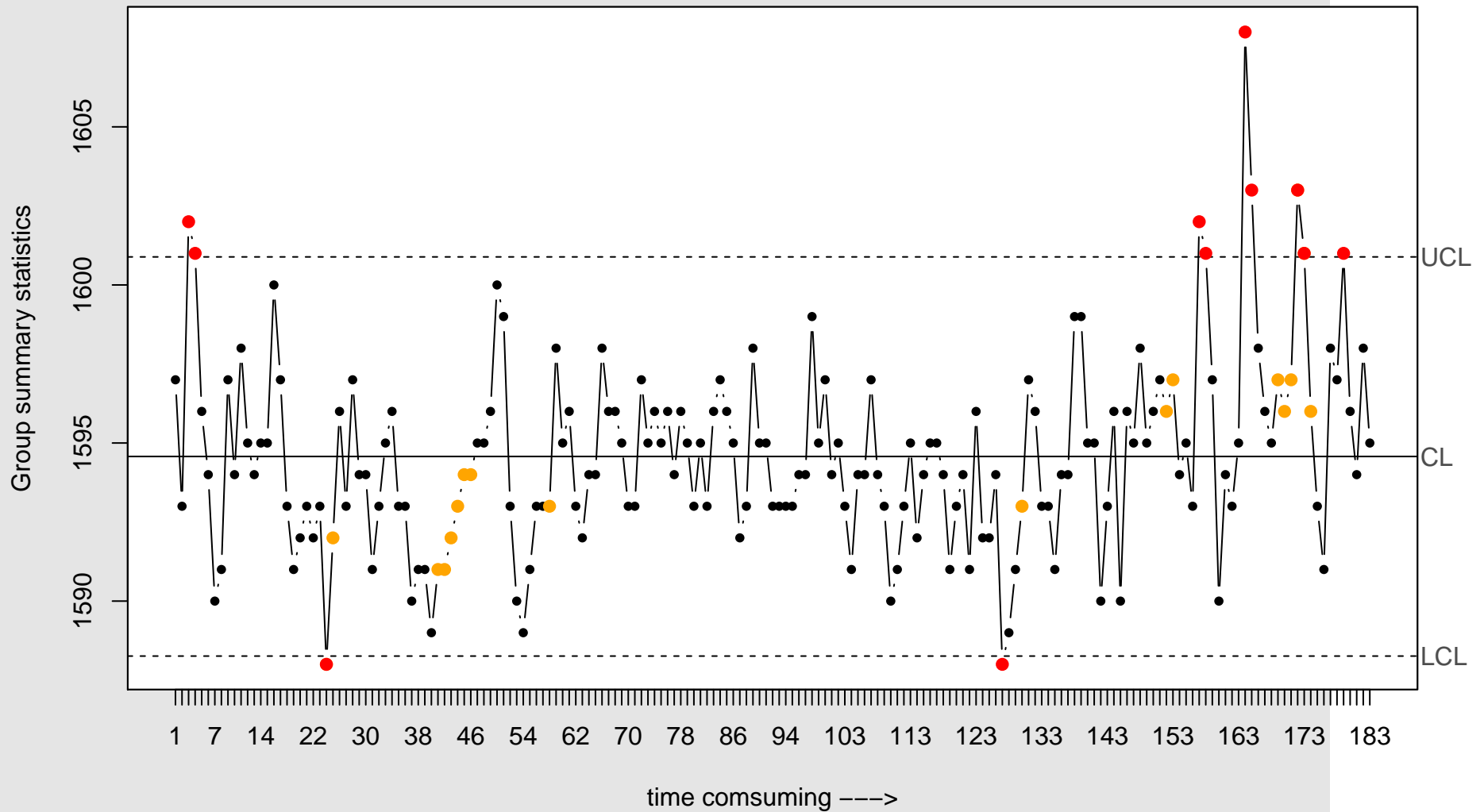
LCL = 1588.73

UCL = 1600.713

Number beyond limits = 10

Number violating runs = 13

### 199th column point of this product



Number of groups = 183

Center = 1594.574

StdDev = 2.104279

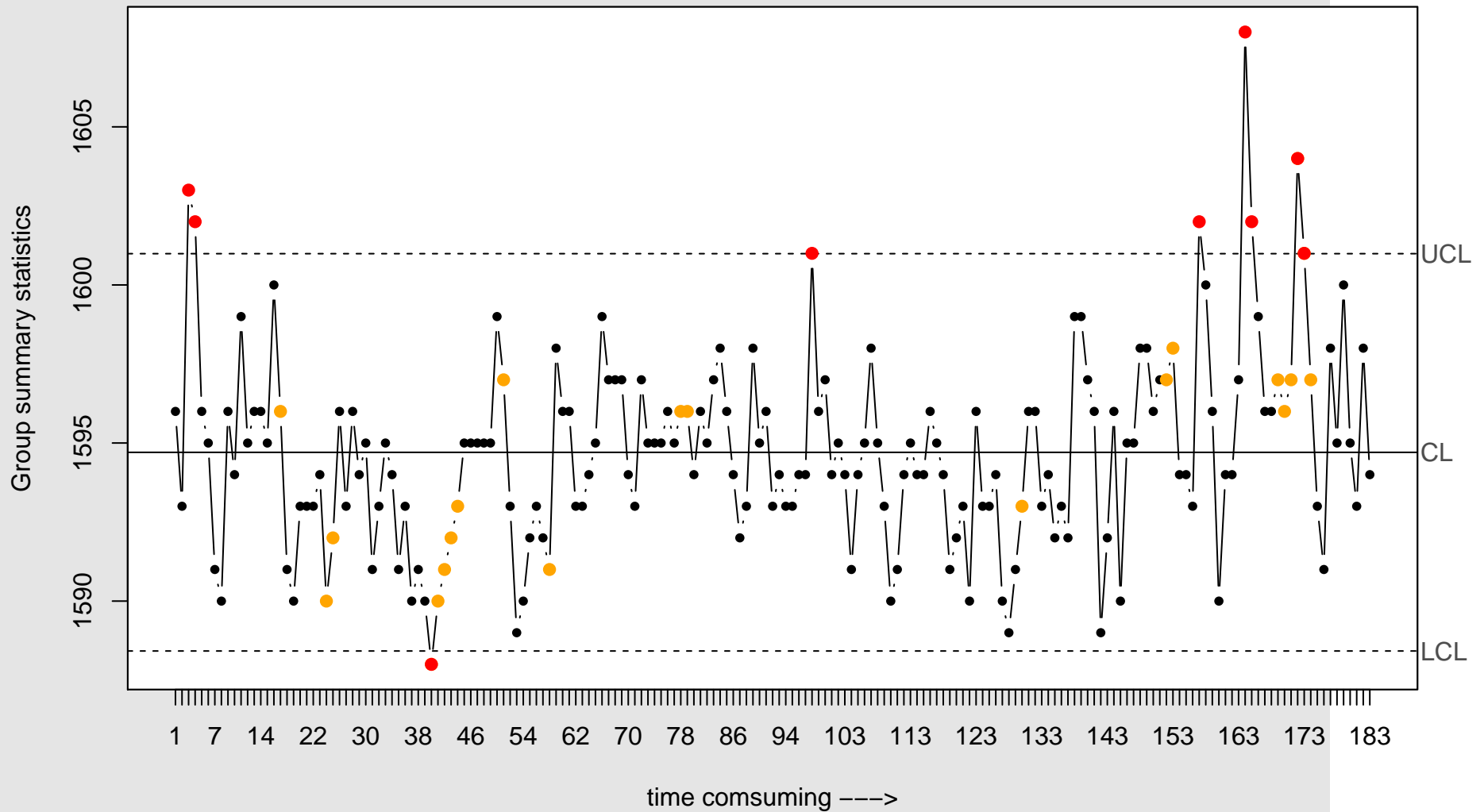
LCL = 1588.261

UCL = 1600.887

Number beyond limits = 11

Number violating runs = 18

## 200th column point of this product

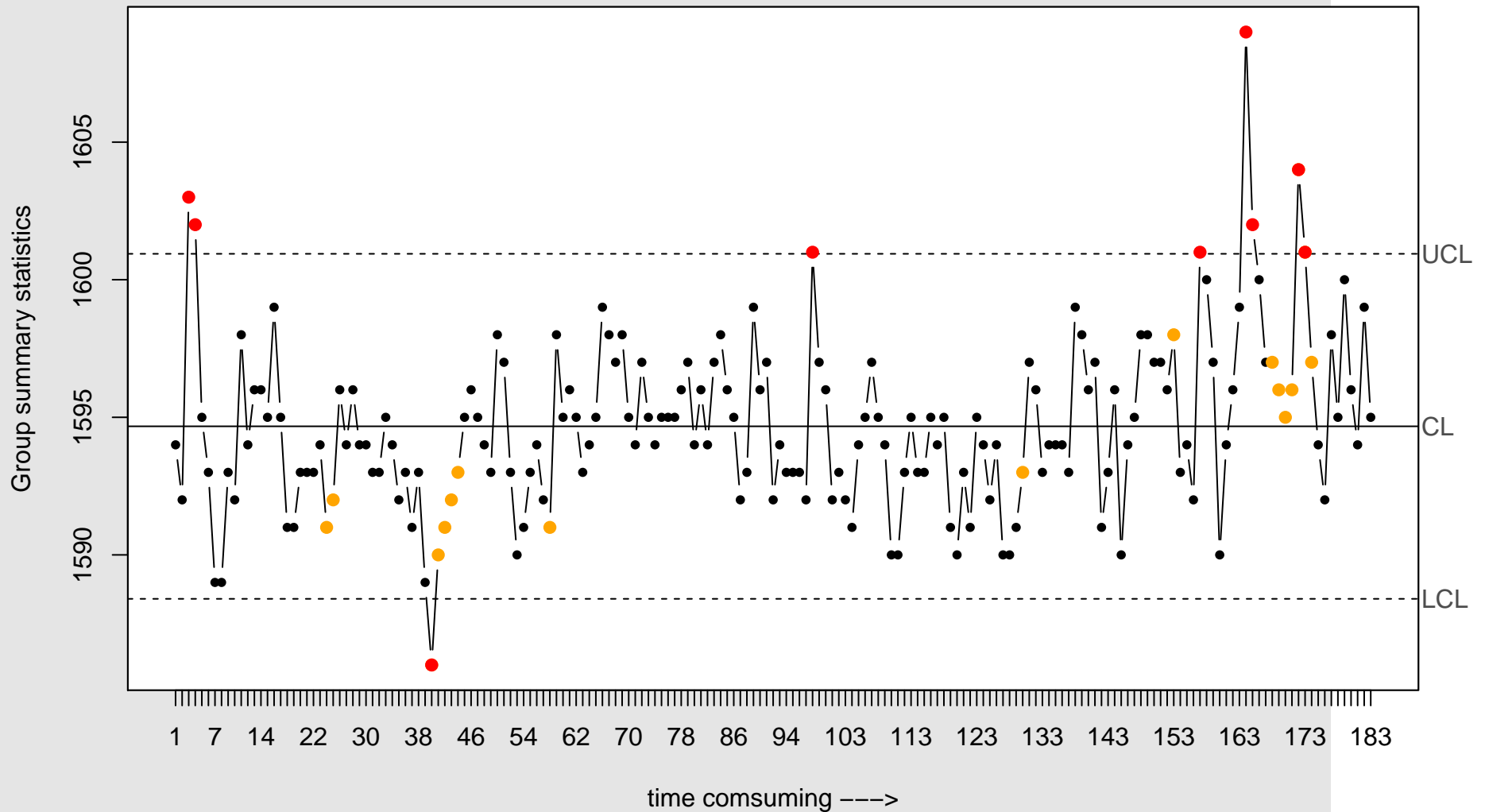


Number of groups = 183  
Center = 1594.705  
StdDev = 2.094537

LCL = 1588.421  
UCL = 1600.989

Number beyond limits = 9  
Number violating runs = 21

## 201th column point of this product



Number of groups = 183

Center = 1594.672

StdDev = 2.089666

LCL = 1588.403

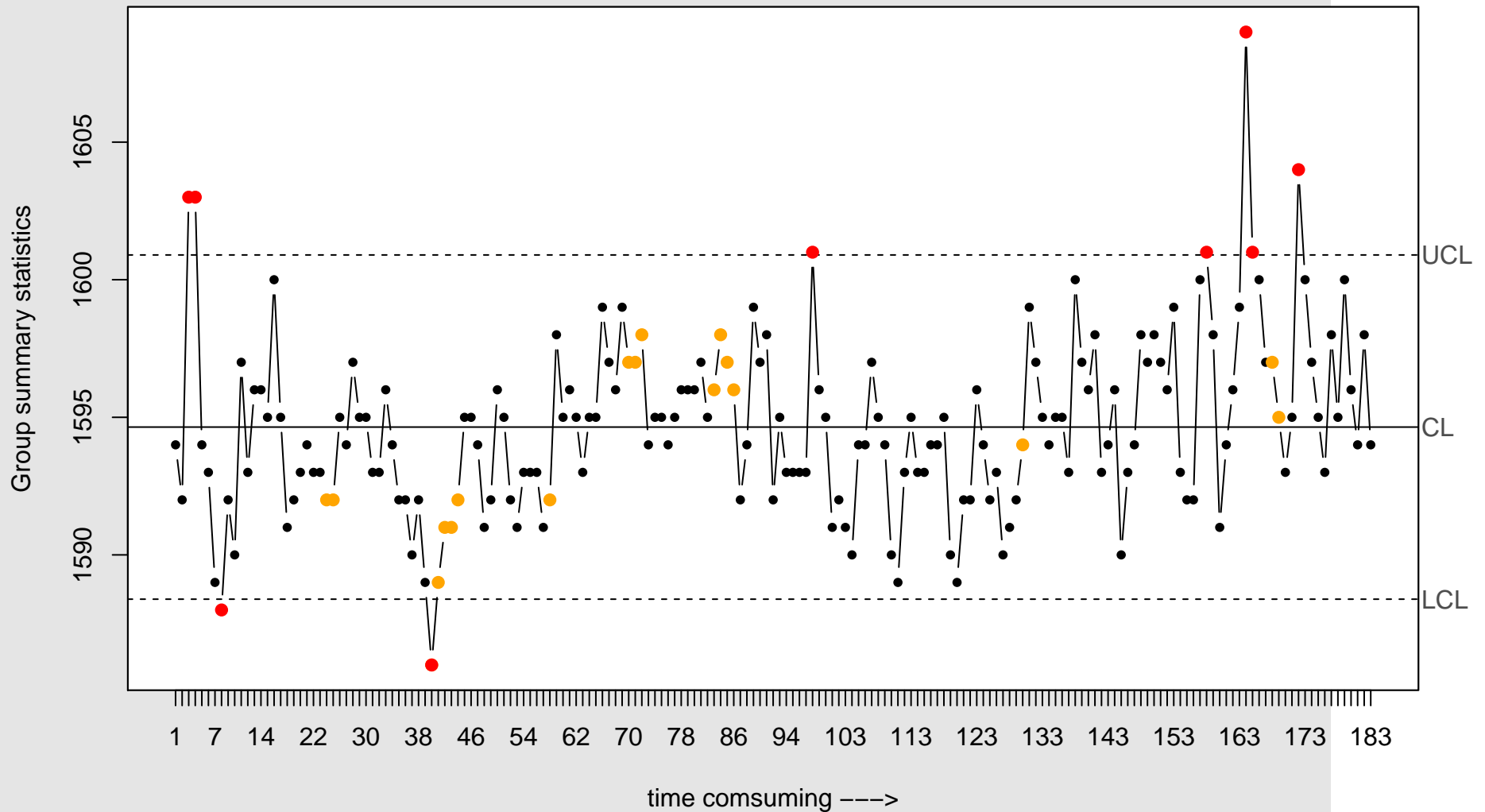
UCL = 1600.941

Number beyond limits = 9

Number violating runs = 17



## 202th column point of this product



Number of groups = 183

Center = 1594.645

StdDev = 2.084795

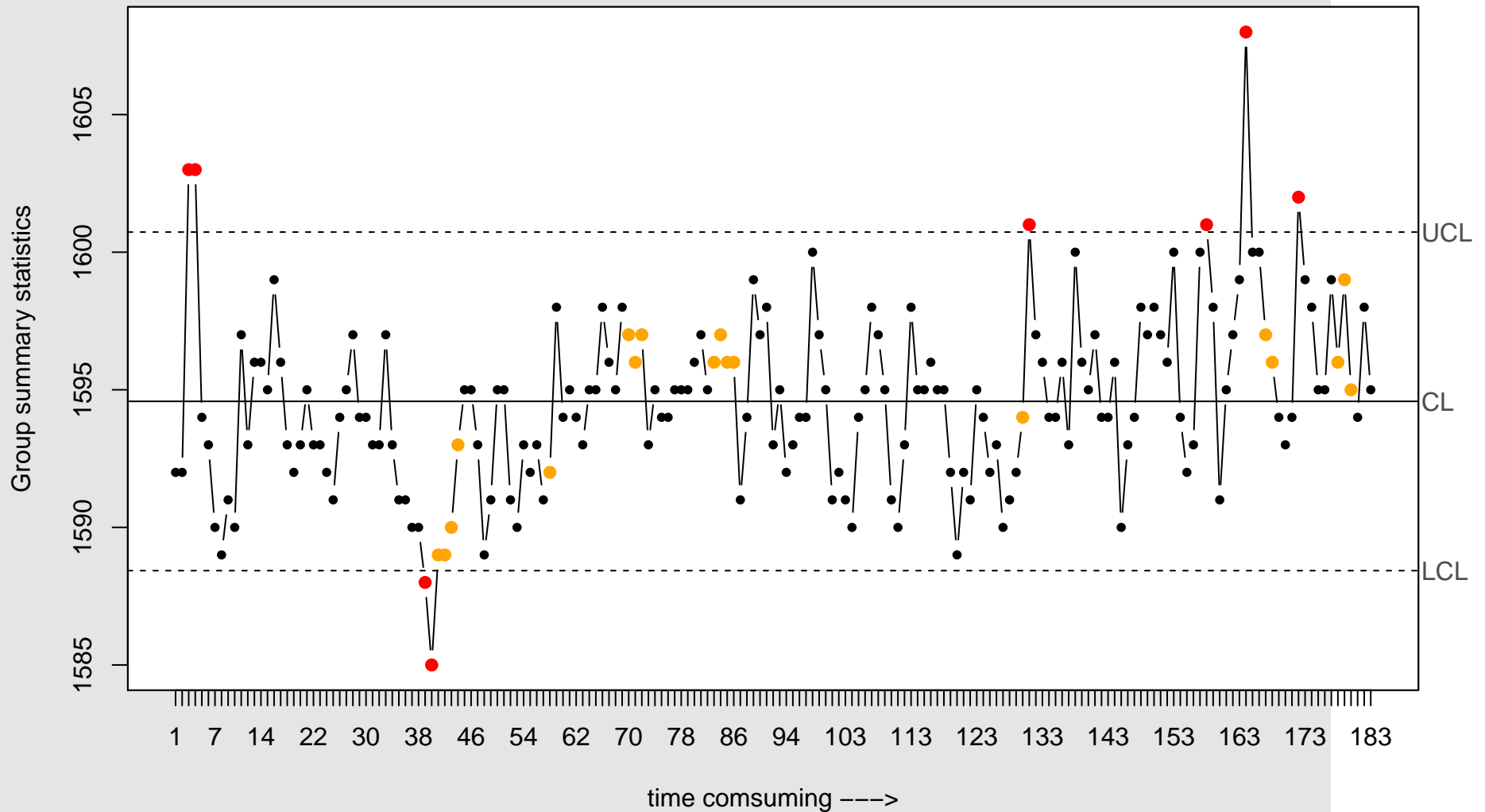
LCL = 1588.39

UCL = 1600.899

Number beyond limits = 9

Number violating runs = 18

## 203th column point of this product



Number of groups = 183

Center = 1594.579

StdDev = 2.050698

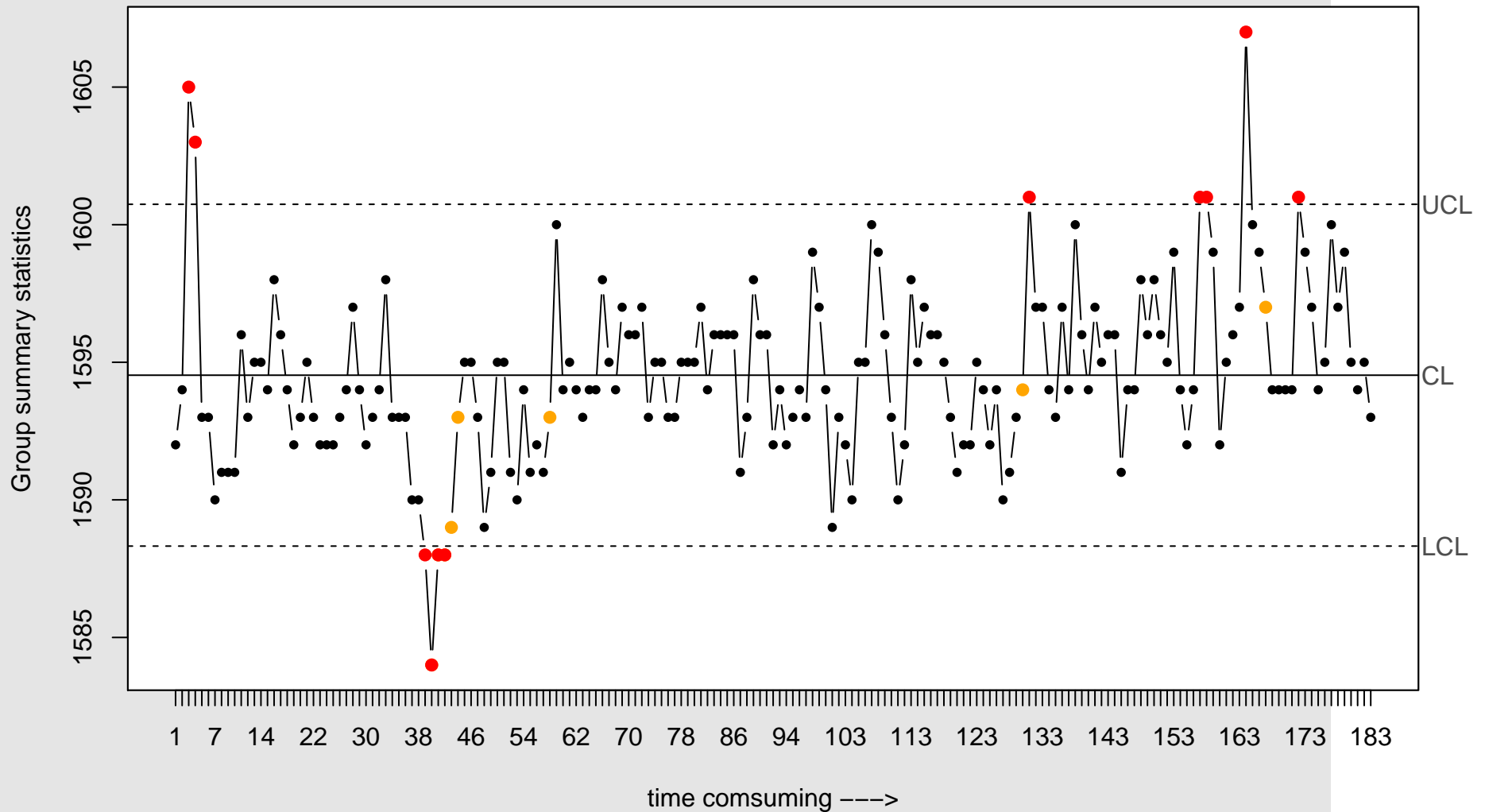
LCL = 1588.427

UCL = 1600.731

Number beyond limits = 8

Number violating runs = 19

## 204th column point of this product



Number of groups = 183

Center = 1594.53

StdDev = 2.070182

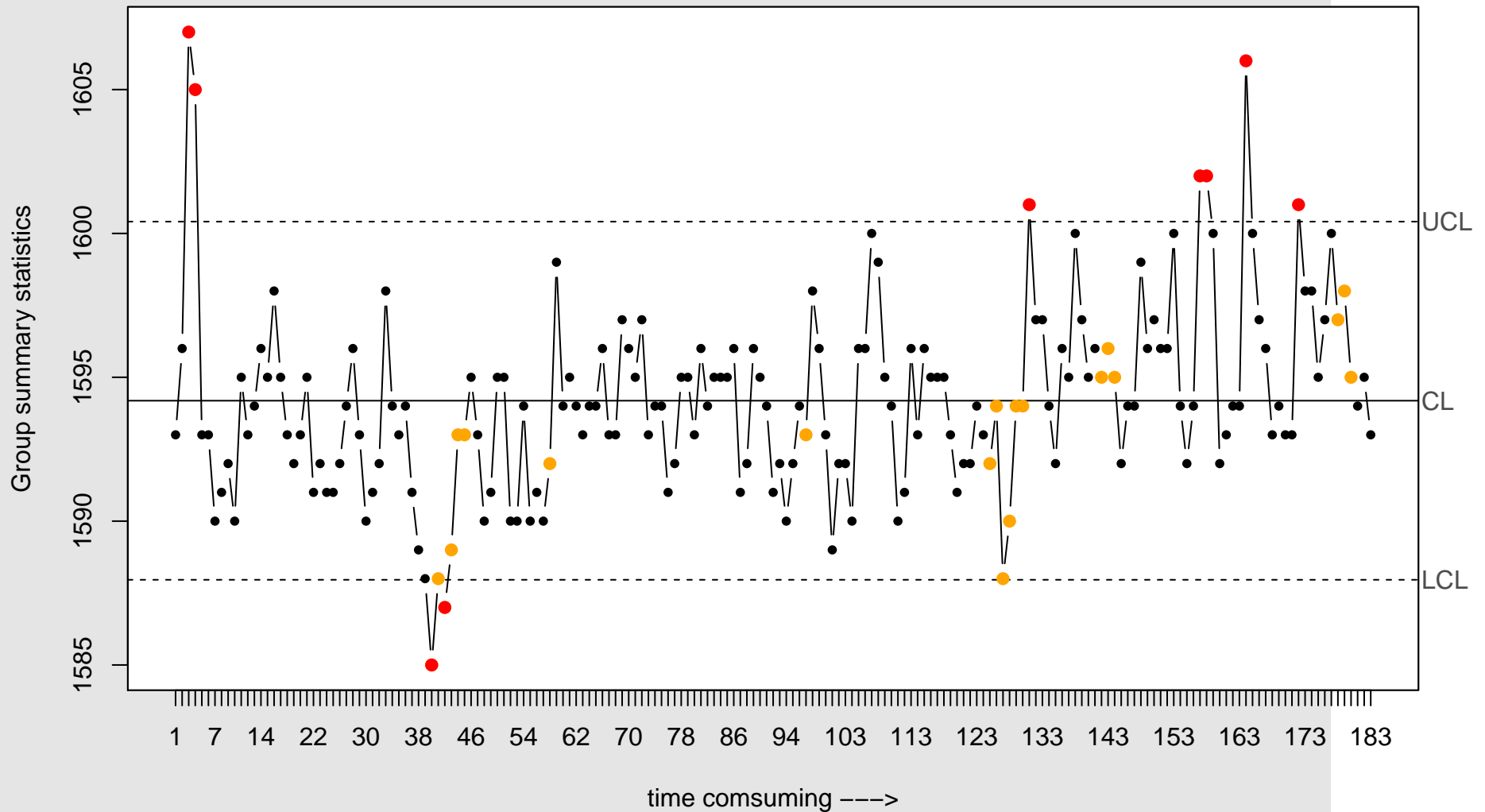
LCL = 1588.32

UCL = 1600.741

Number beyond limits = 11

Number violating runs = 8

## 205th column point of this product



Number of groups = 183

Center = 1594.186

StdDev = 2.075053

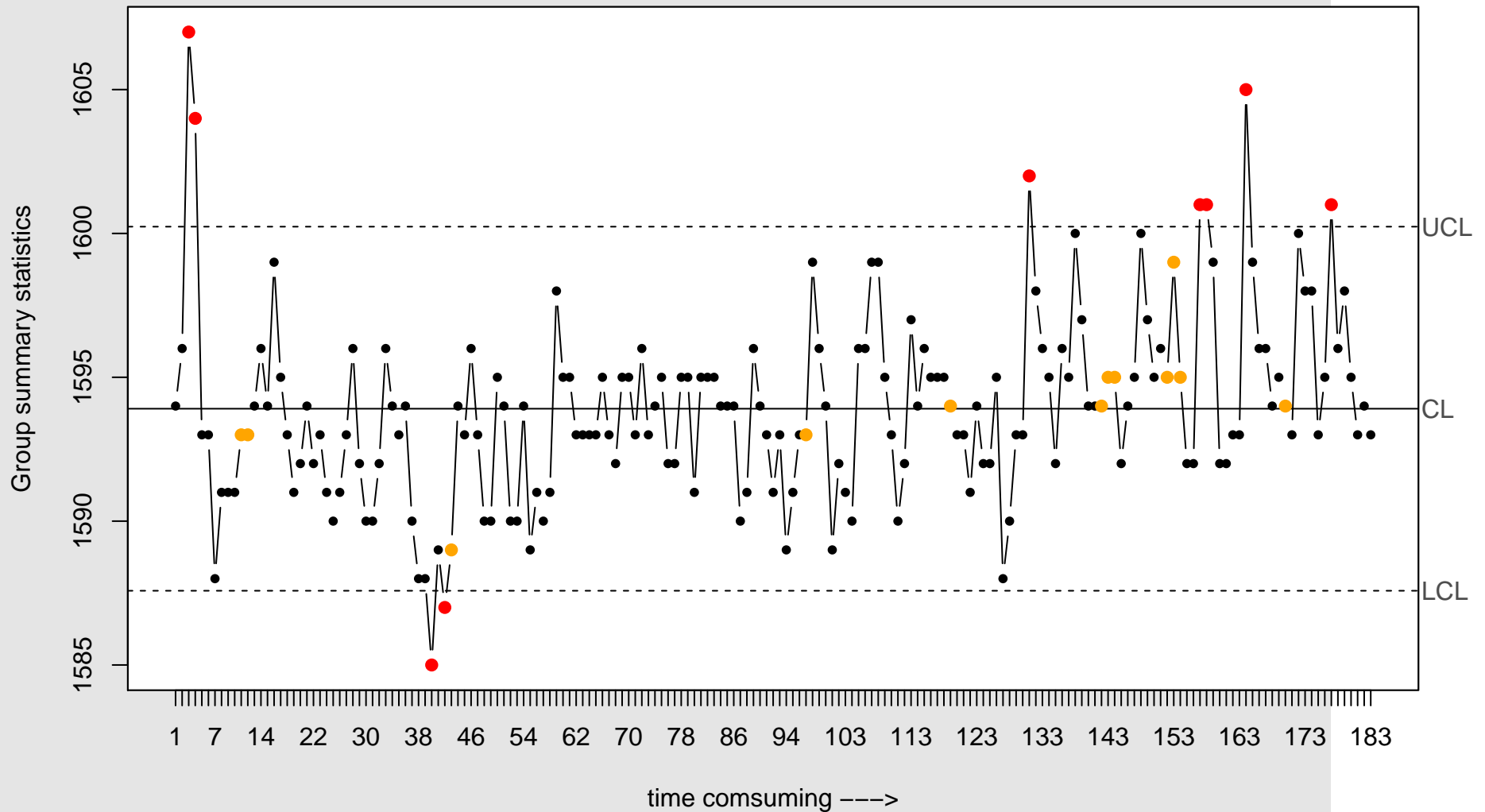
LCL = 1587.961

UCL = 1600.411

Number beyond limits = 9

Number violating runs = 20

## 206th column point of this product



Number of groups = 183

Center = 1593.907

StdDev = 2.10915

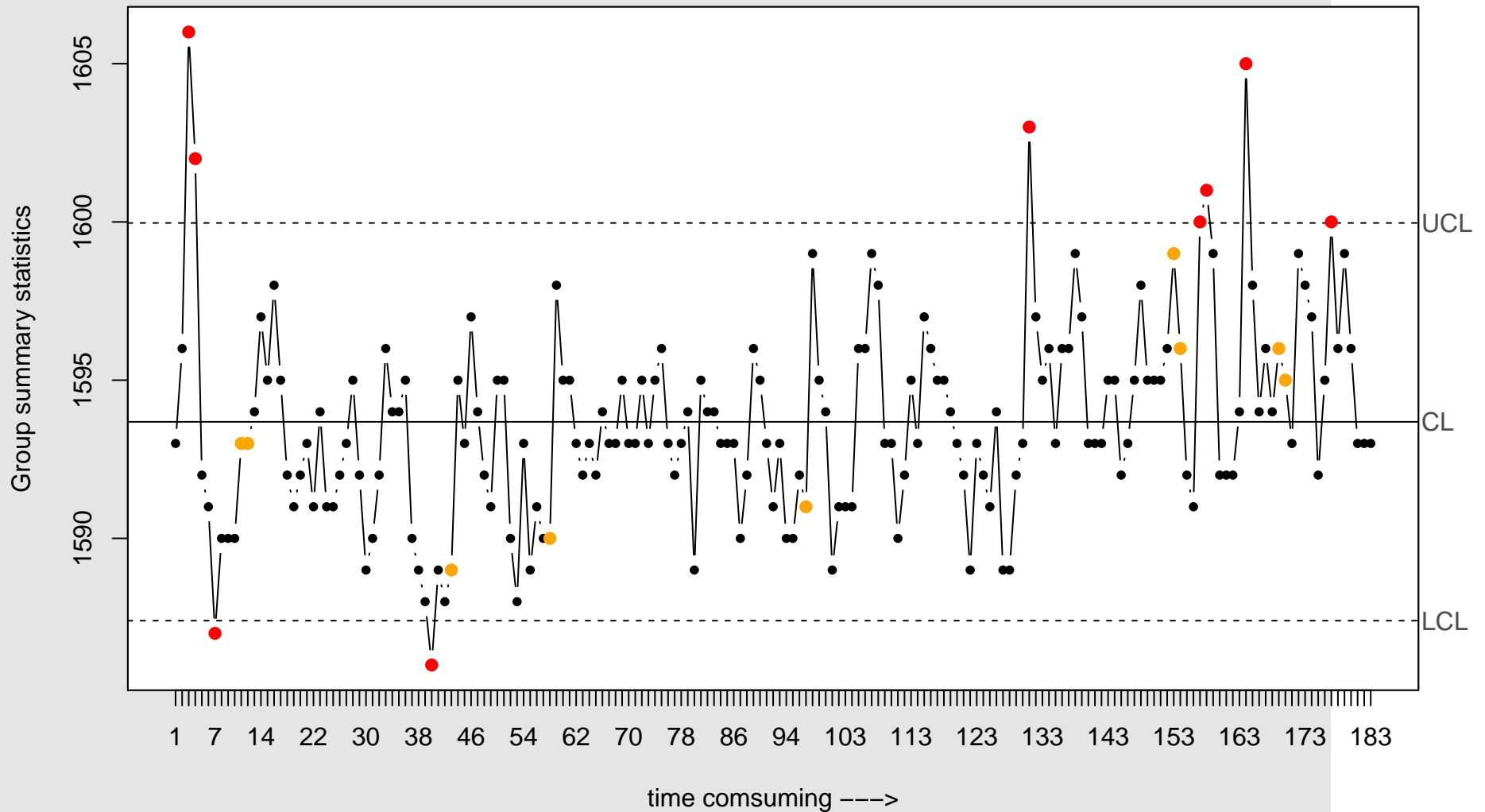
LCL = 1587.58

UCL = 1600.235

Number beyond limits = 9

Number violating runs = 12

## 207th column point of this product



Number of groups = 183

Center = 1593.683

StdDev = 2.094537

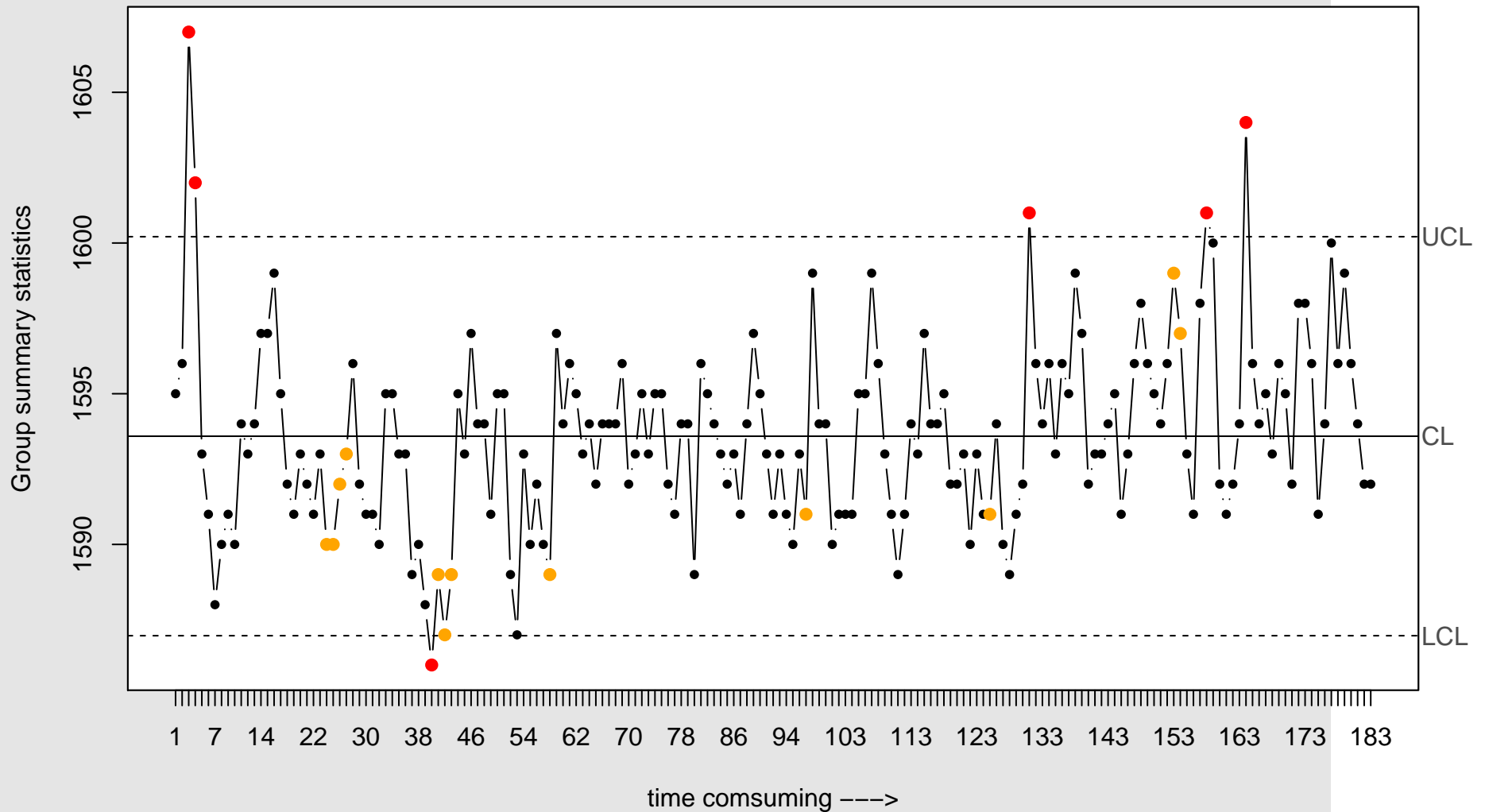
LCL = 1587.399

UCL = 1599.967

Number beyond limits = 9

Number violating runs = 9

## 208th column point of this product



Number of groups = 183

Center = 1593.59

StdDev = 2.20657

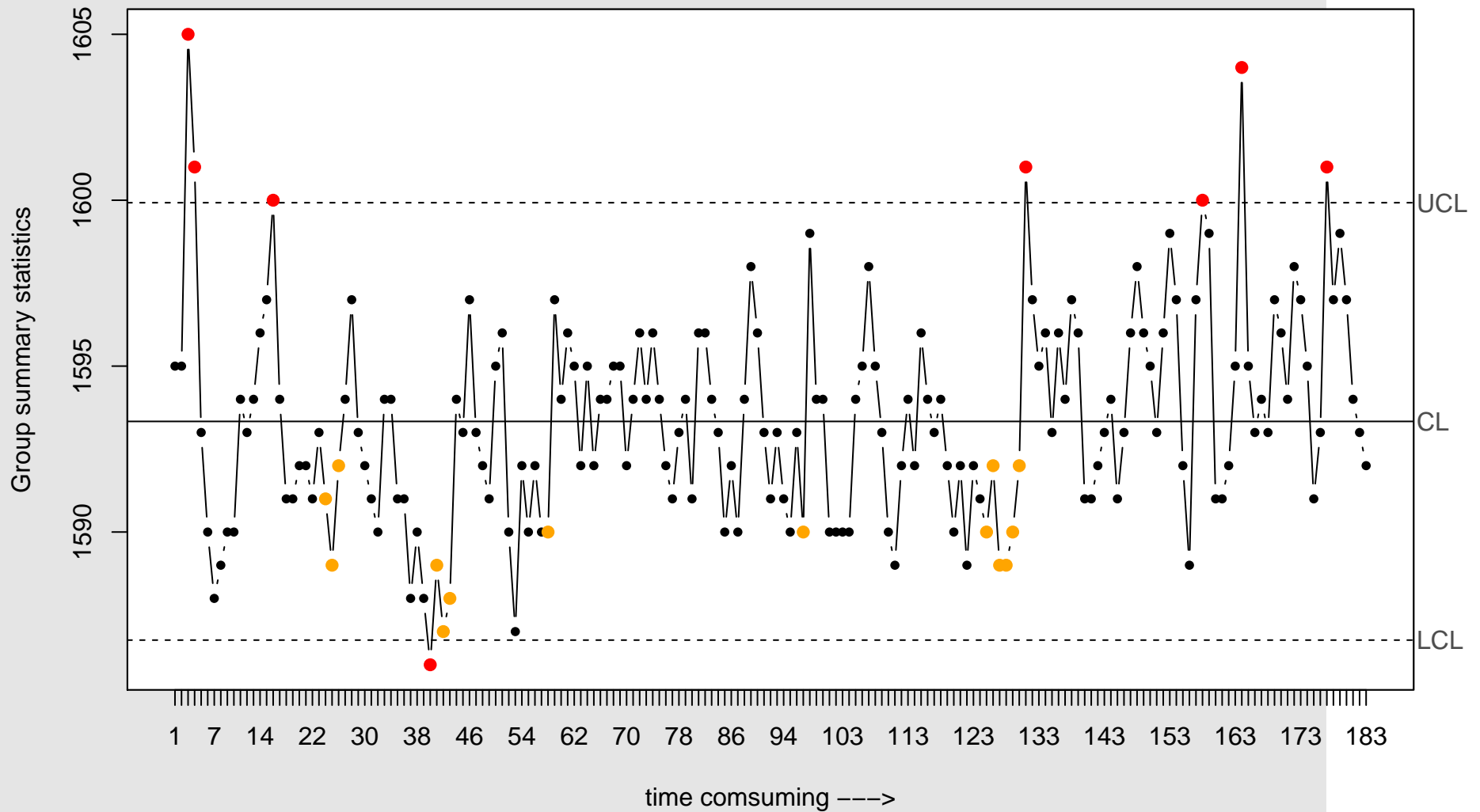
LCL = 1586.97

UCL = 1600.21

Number beyond limits = 6

Number violating runs = 12

## 209th column point of this product



Number of groups = 183

Center = 1593.333

StdDev = 2.196828

LCL = 1586.743

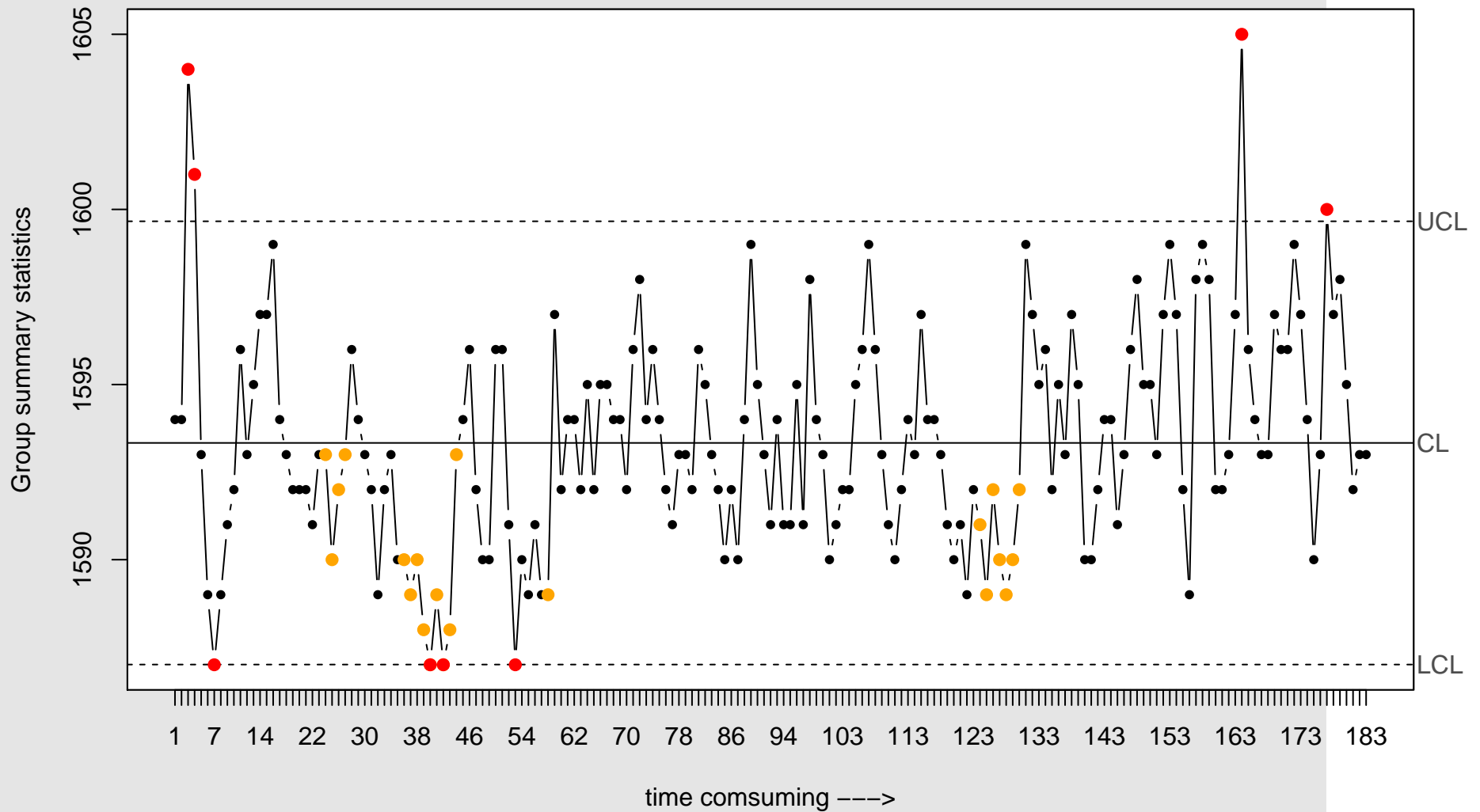
UCL = 1599.924

Number beyond limits = 8

Number violating runs = 14



## 210th column point of this product



Number of groups = 183

Center = 1593.333

StdDev = 2.10915

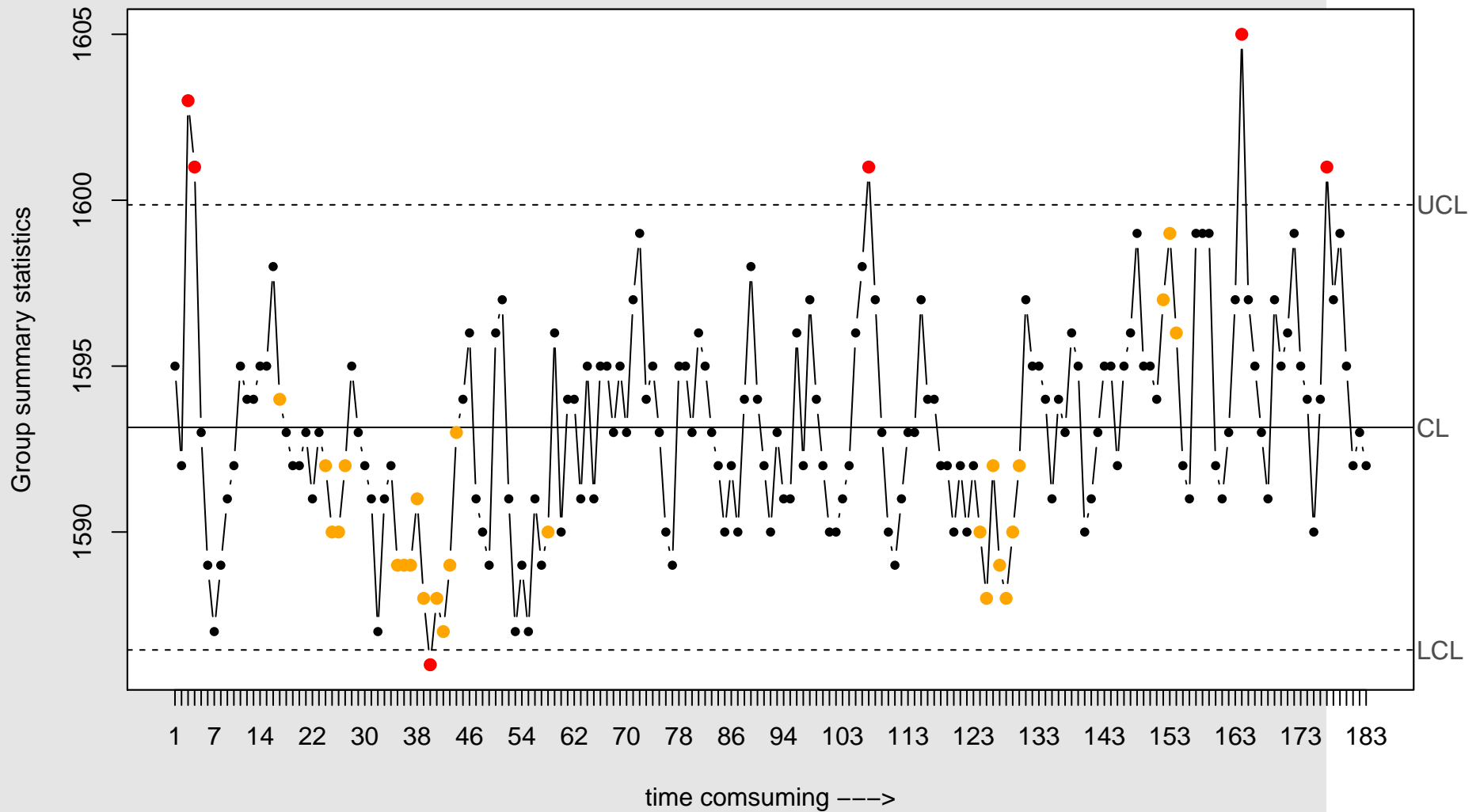
LCL = 1587.006

UCL = 1599.661

Number beyond limits = 8

Number violating runs = 21

## 211th column point of this product



Number of groups = 183

Center = 1593.153

StdDev = 2.235796

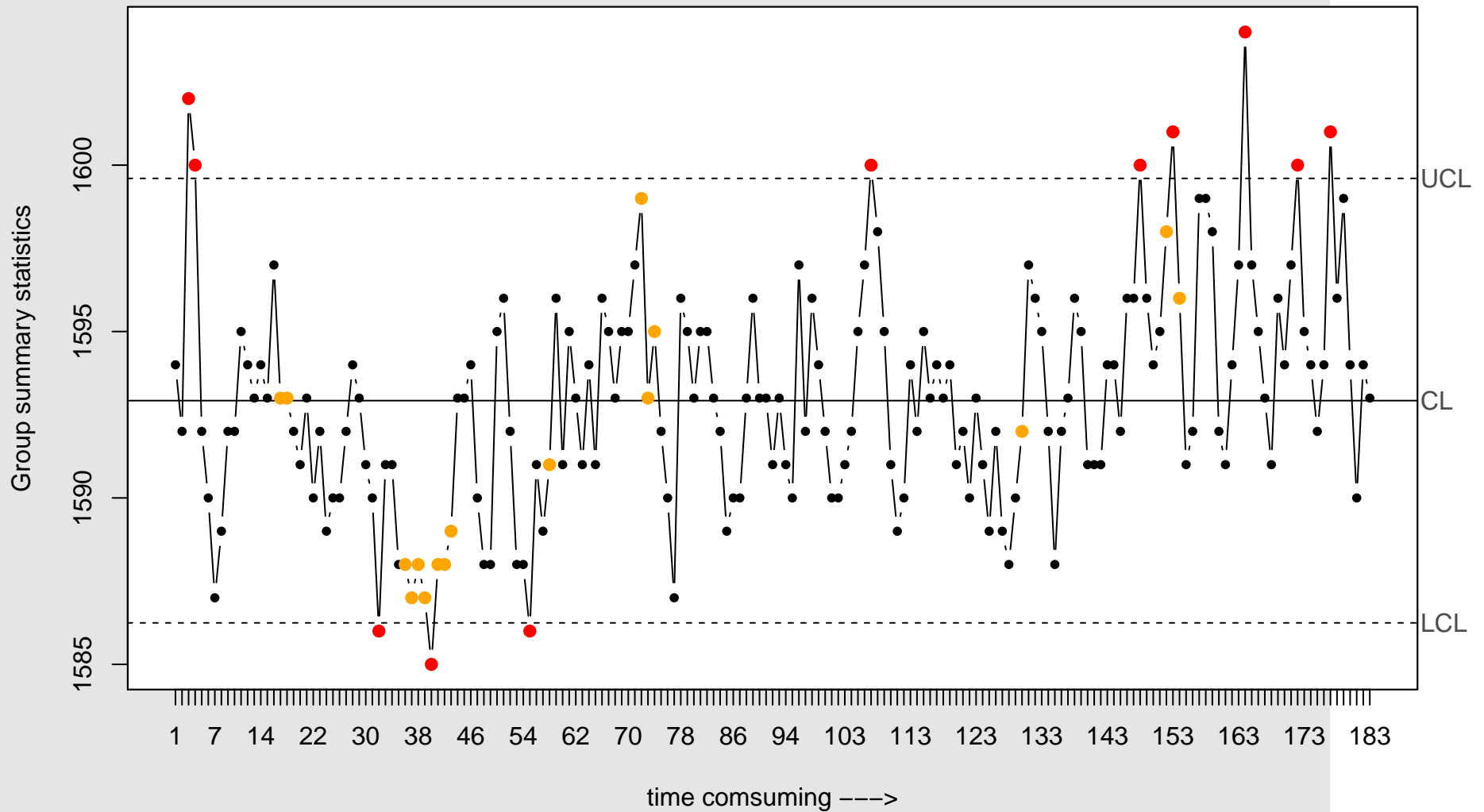
LCL = 1586.446

UCL = 1599.86

Number beyond limits = 6

Number violating runs = 26

## 212th column point of this product



Number of groups = 183

Center = 1592.923

StdDev = 2.226054

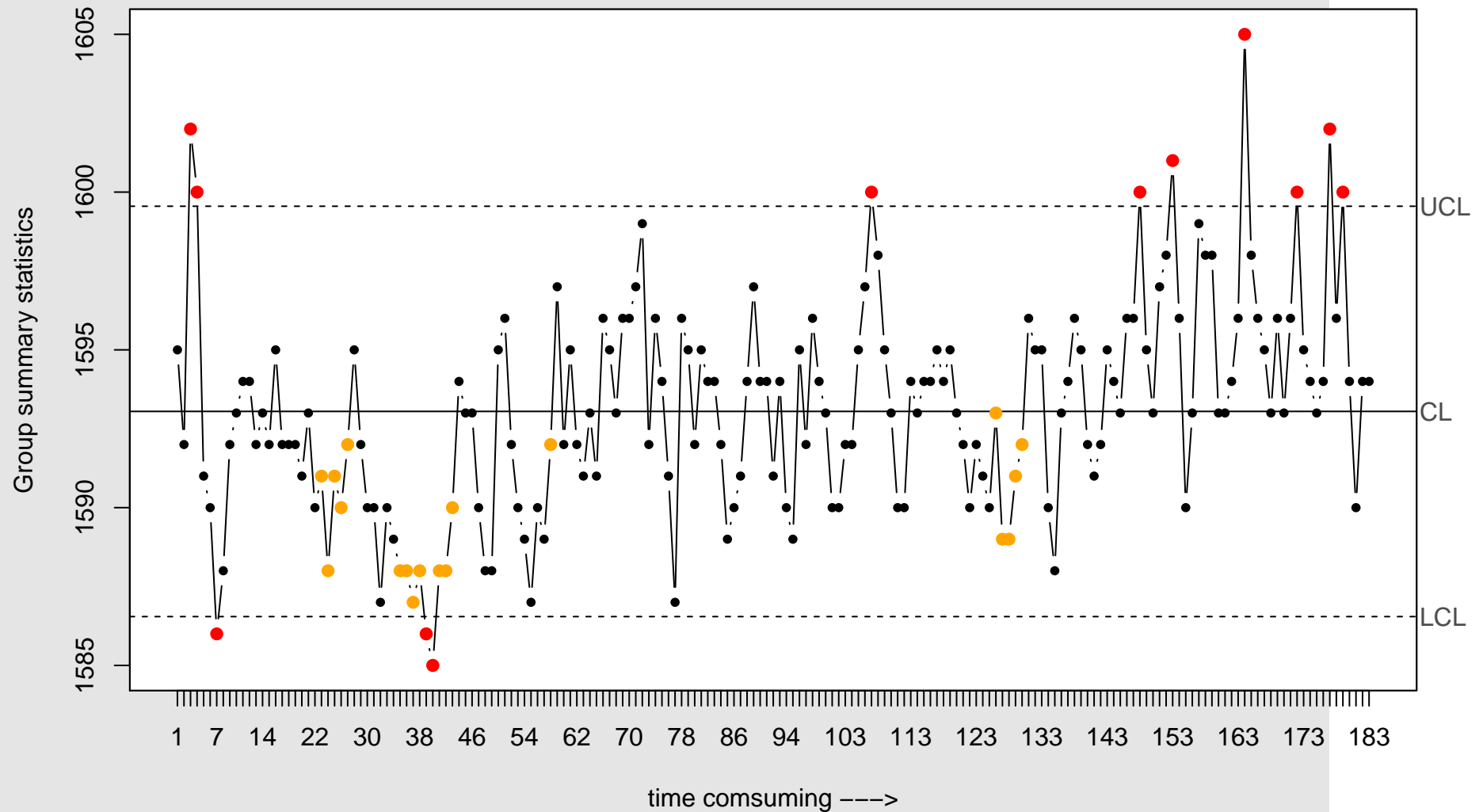
LCL = 1586.245

UCL = 1599.602

Number beyond limits = 11

Number violating runs = 18

## 213th column point of this product



Number of groups = 183

Center = 1593.049

StdDev = 2.167602

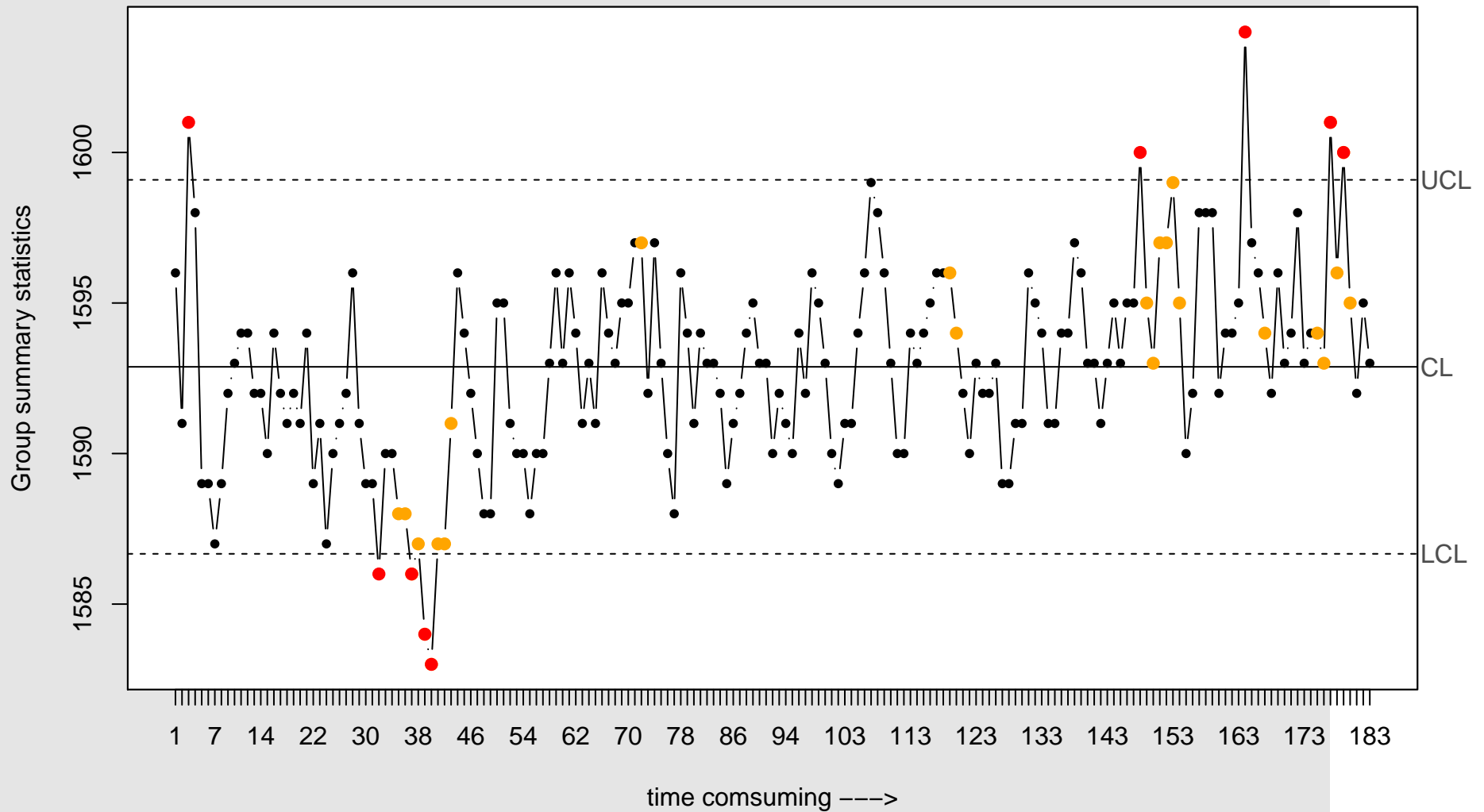
LCL = 1586.546

UCL = 1599.552

Number beyond limits = 12

Number violating runs = 20

## 214th column point of this product



Number of groups = 183

Center = 1592.88

StdDev = 2.070182

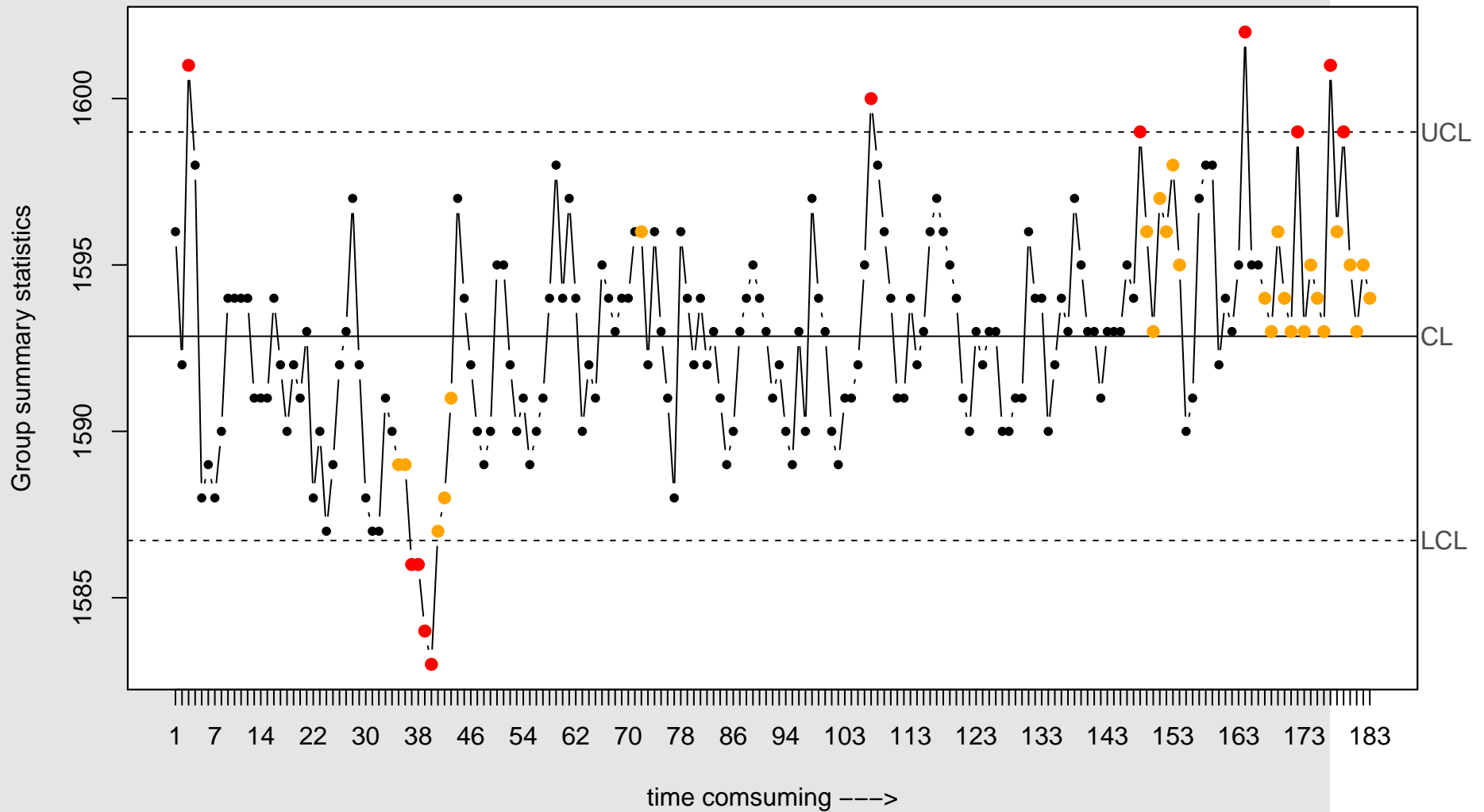
LCL = 1586.669

UCL = 1599.09

Number beyond limits = 9

Number violating runs = 25

## 215th column point of this product



Number of groups = 183

Center = 1592.858

StdDev = 2.045827

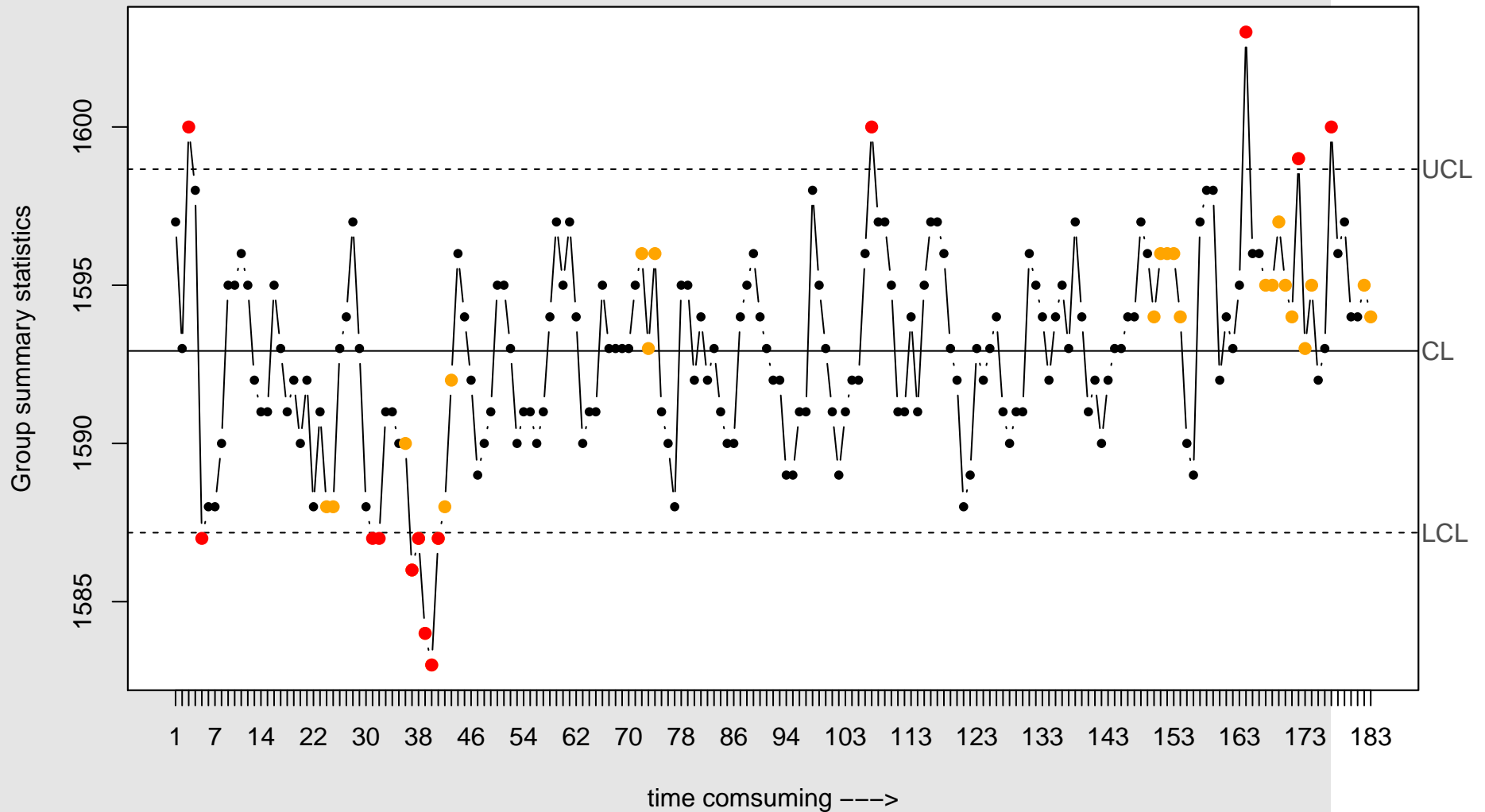
LCL = 1586.72

UCL = 1598.995

Number beyond limits = 11

Number violating runs = 33

## 216th column point of this product



Number of groups = 183

Center = 1592.923

StdDev = 1.914309

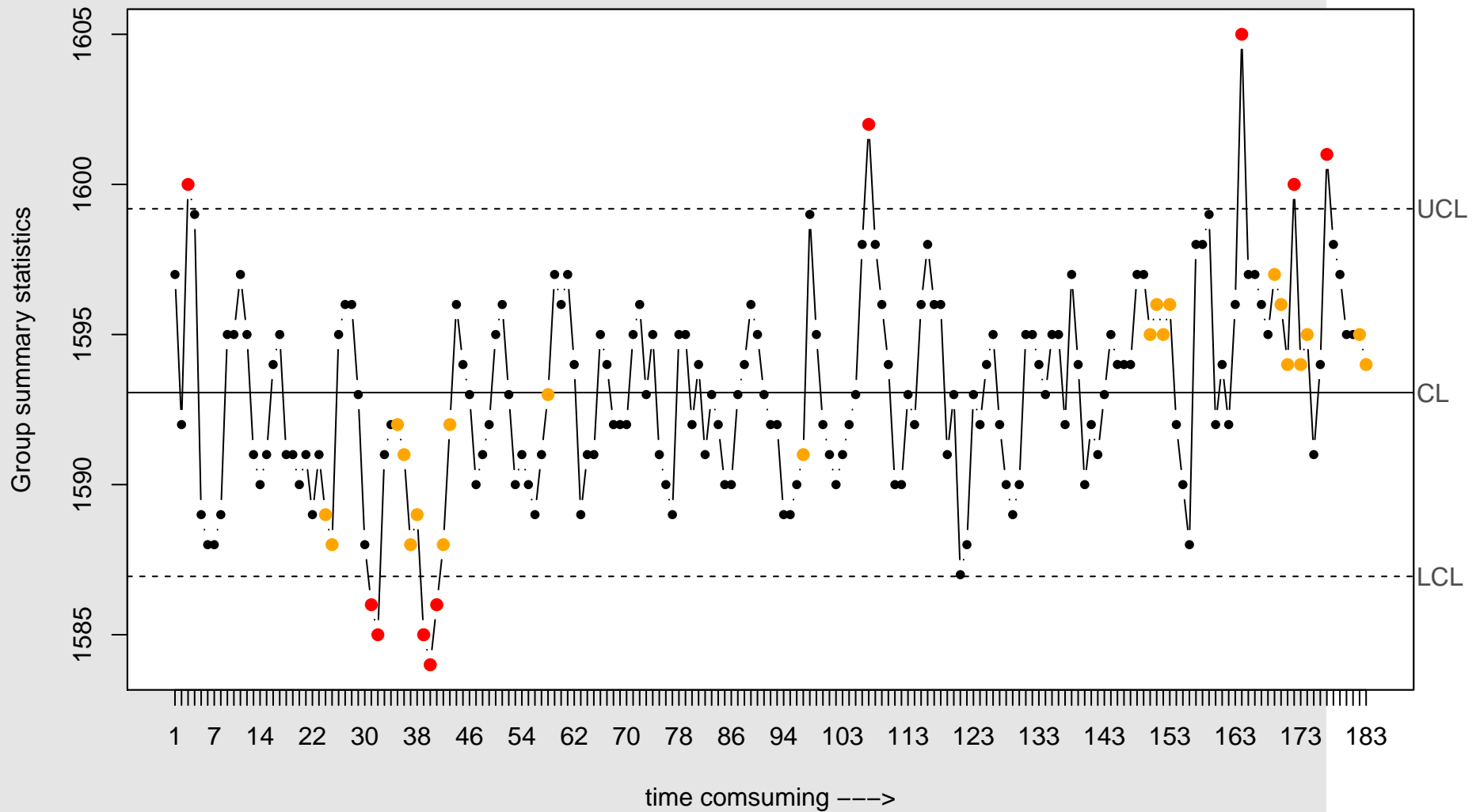
LCL = 1587.181

UCL = 1598.666

Number beyond limits = 13

Number violating runs = 28

## 217th column point of this product



Number of groups = 183

Center = 1593.066

StdDev = 2.040955

LCL = 1586.943

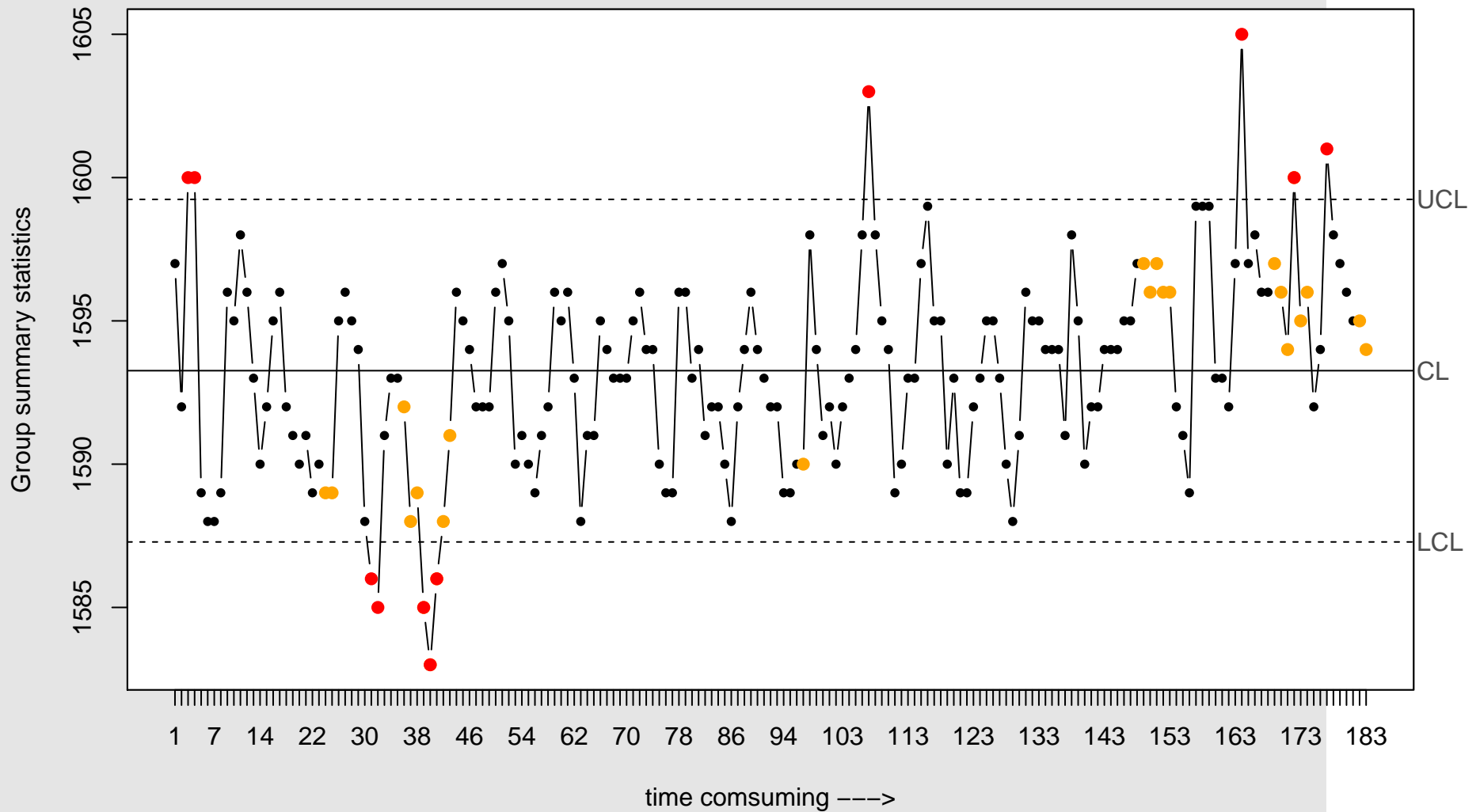
UCL = 1599.188

Number beyond limits = 10

Number violating runs = 25



## 218th column point of this product



Number of groups = 183

Center = 1593.262

StdDev = 1.992245

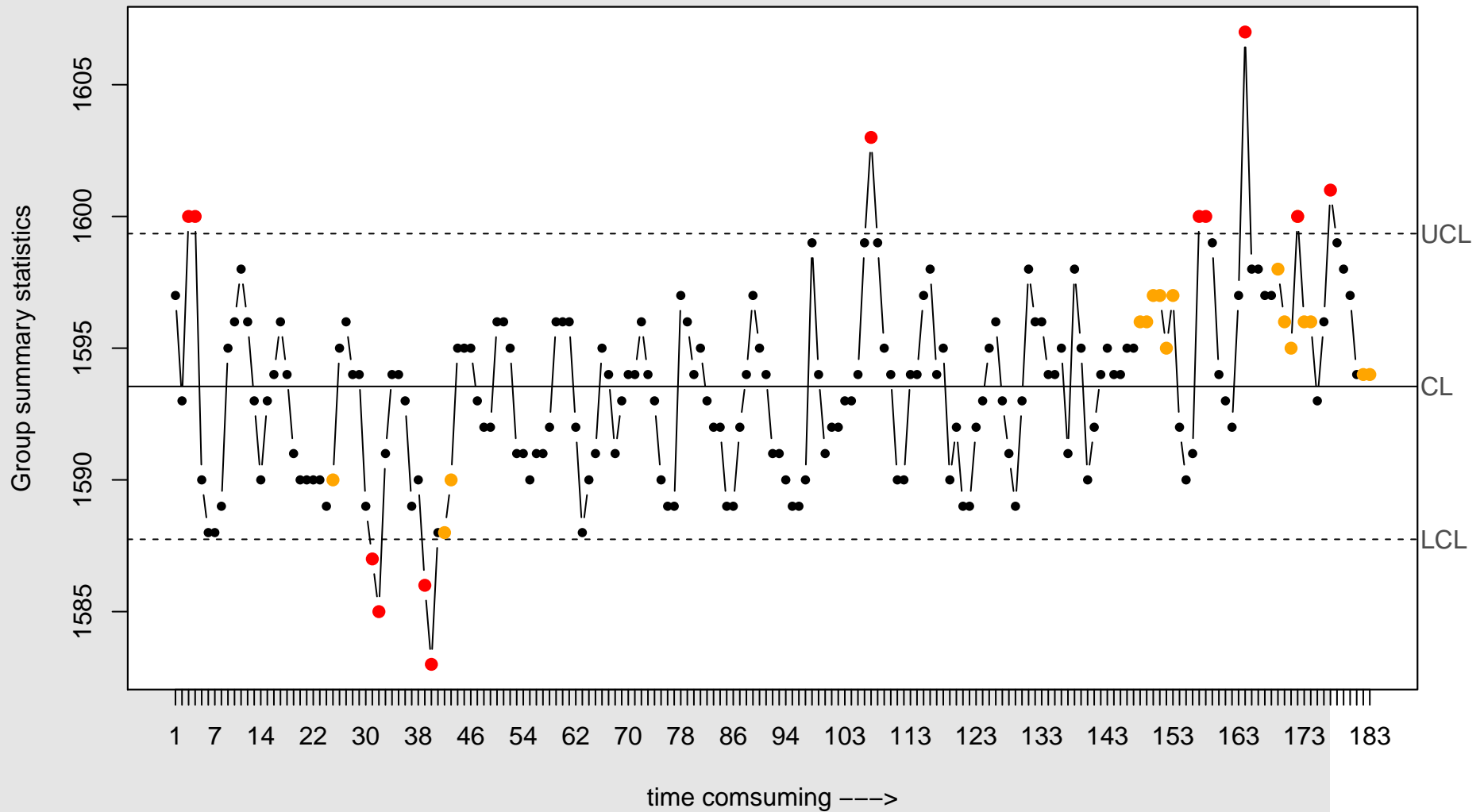
LCL = 1587.286

UCL = 1599.239

Number beyond limits = 11

Number violating runs = 24

## 219th column point of this product



Number of groups = 183

Center = 1593.546

StdDev = 1.933793

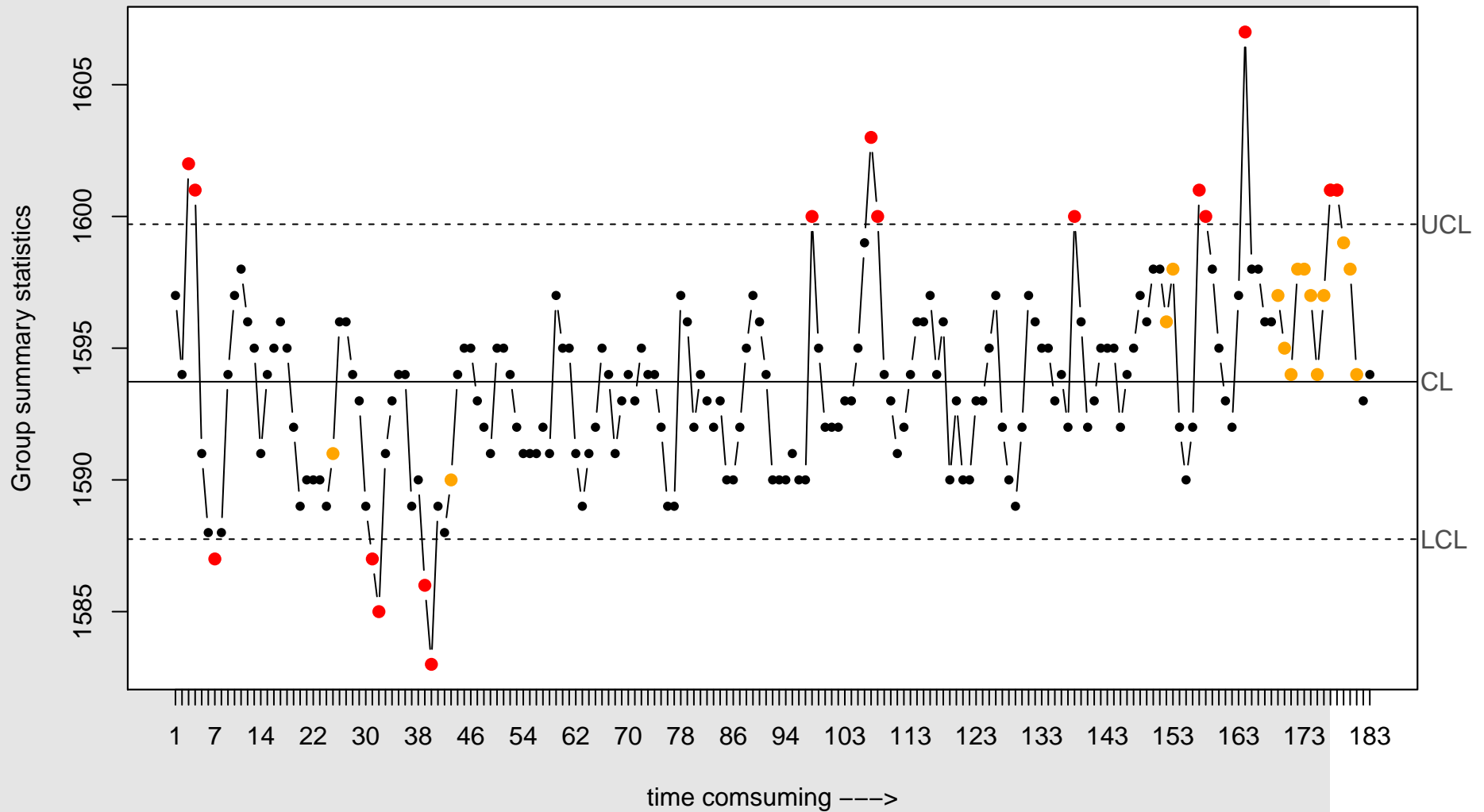
LCL = 1587.745

UCL = 1599.348

Number beyond limits = 12

Number violating runs = 17

## 220th column point of this product



Number of groups = 183

Center = 1593.727

StdDev = 1.992245

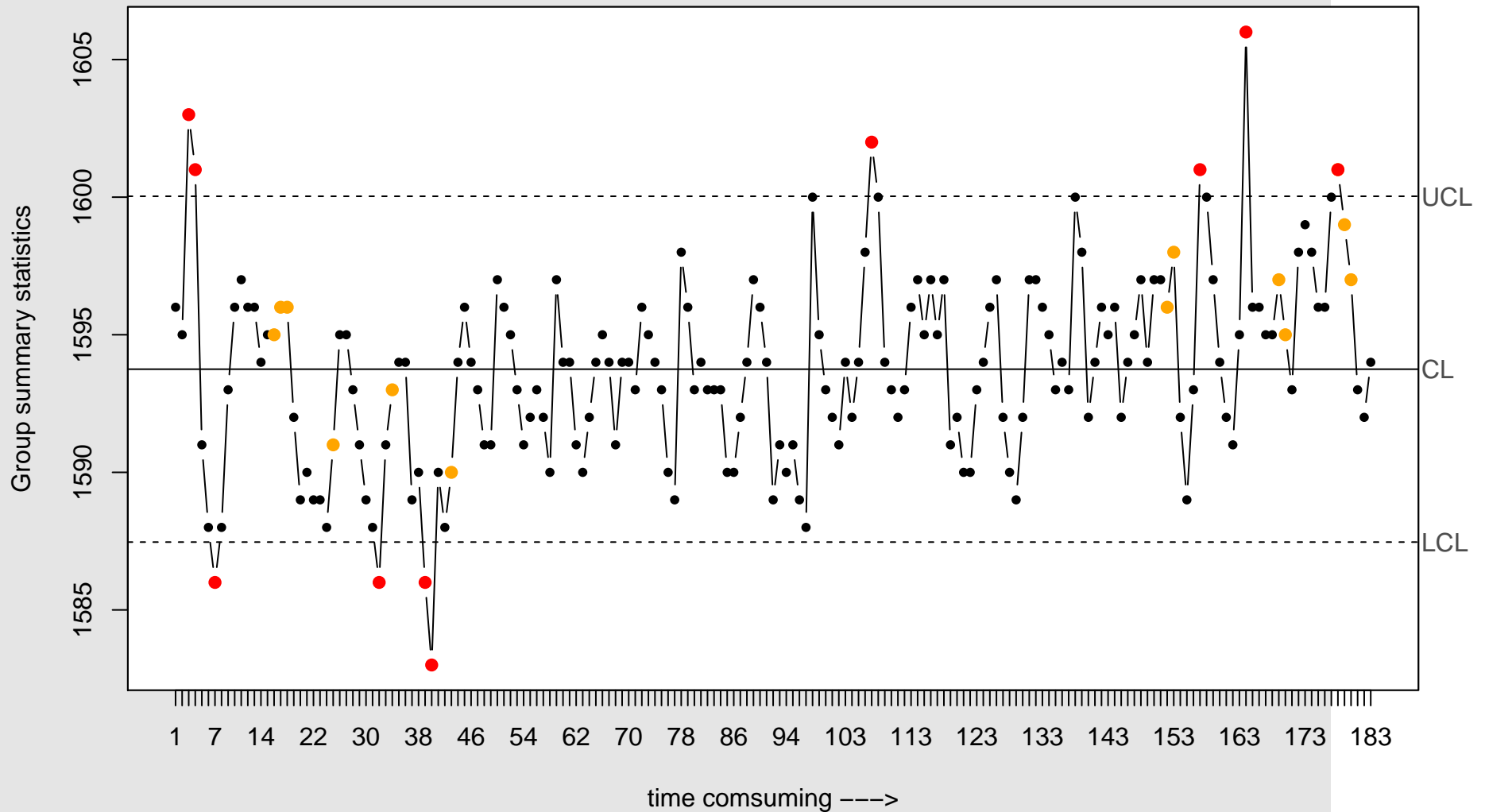
LCL = 1587.75

UCL = 1599.704

Number beyond limits = 16

Number violating runs = 17

## 221th column point of this product



Number of groups = 183

Center = 1593.749

StdDev = 2.094537

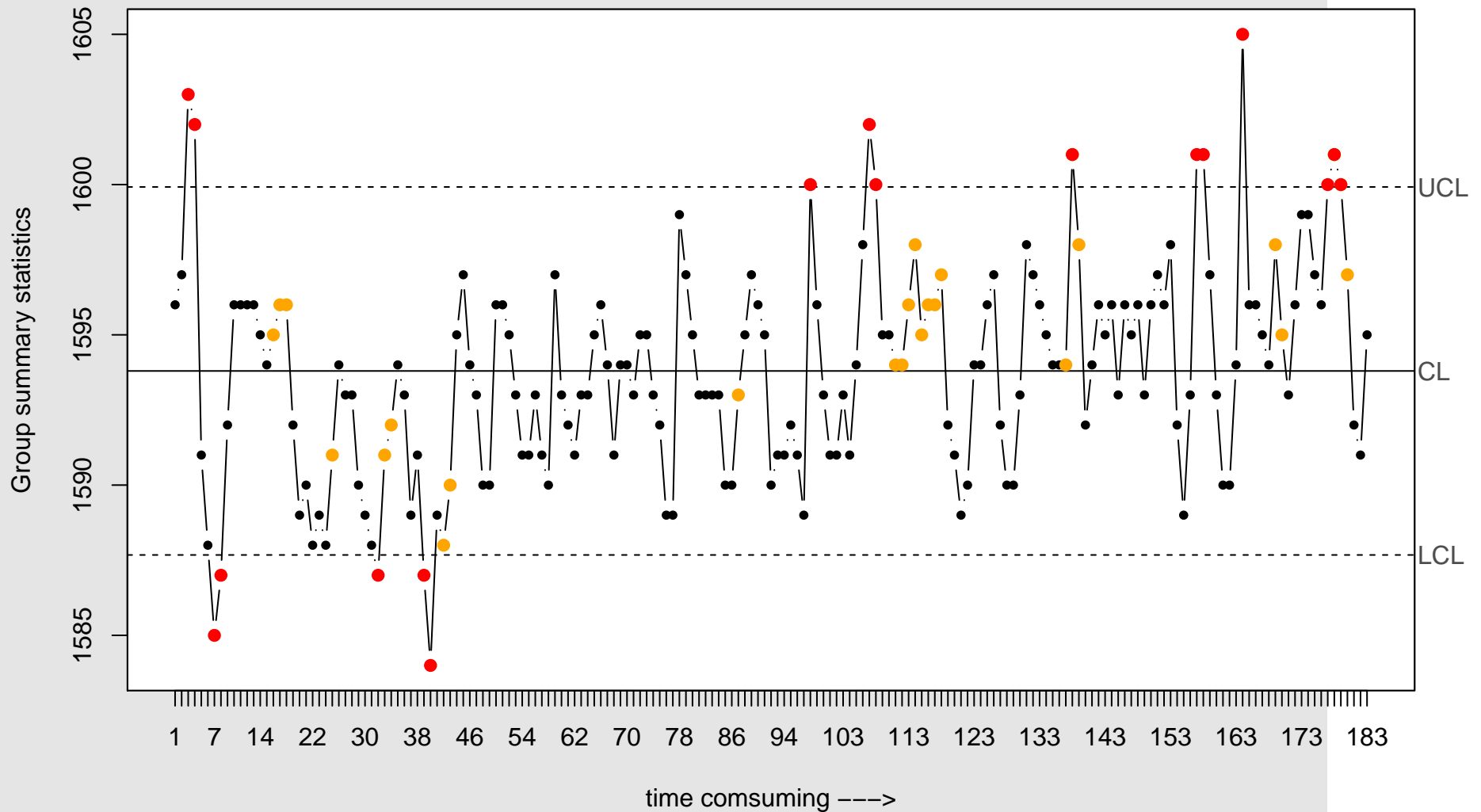
LCL = 1587.465

UCL = 1600.032

Number beyond limits = 10

Number violating runs = 13

## 222th column point of this product



Number of groups = 183

Center = 1593.798

StdDev = 2.040955

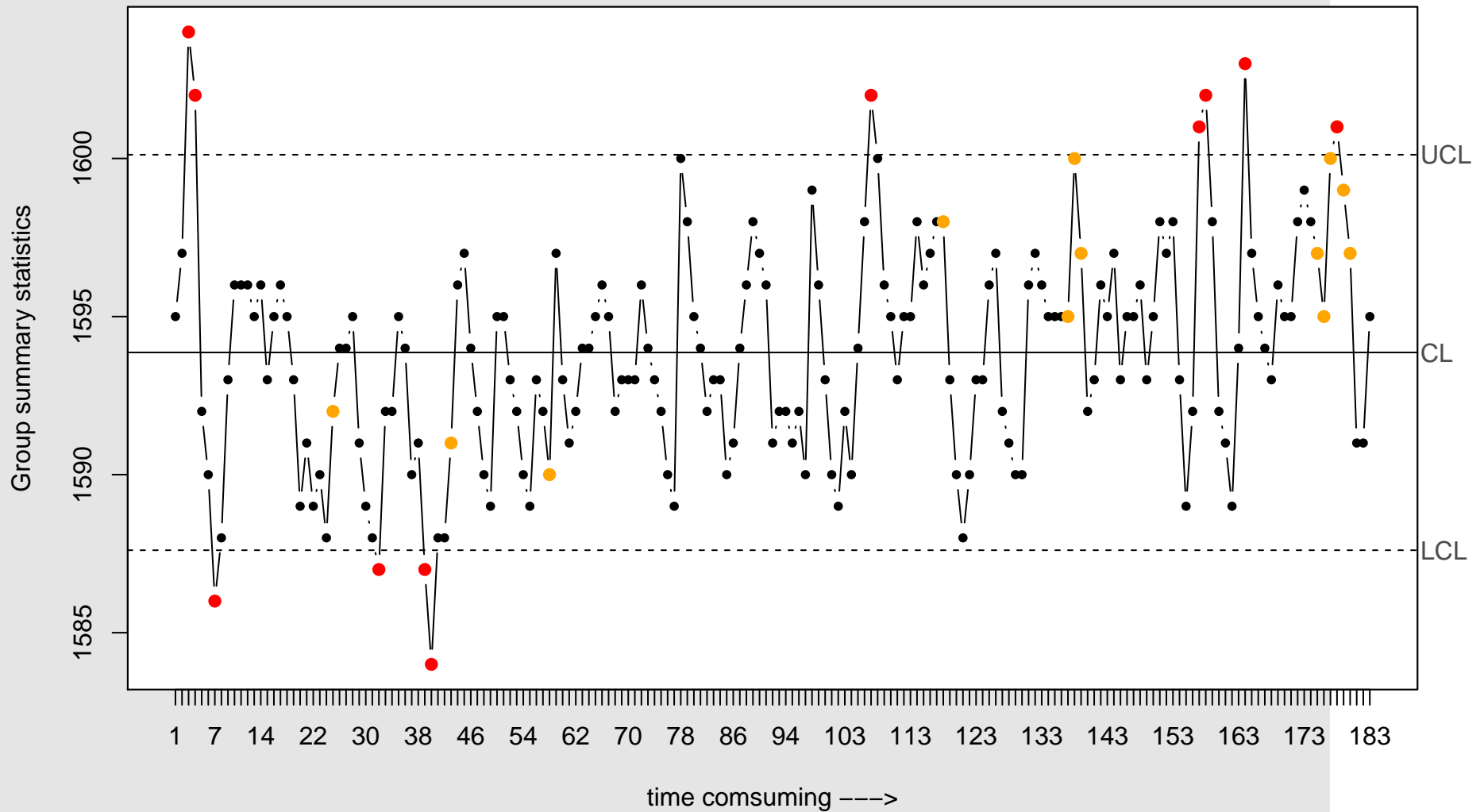
LCL = 1587.675

UCL = 1599.921

Number beyond limits = 17

Number violating runs = 25

## 223th column point of this product



Number of groups = 183

Center = 1593.863

StdDev = 2.084795

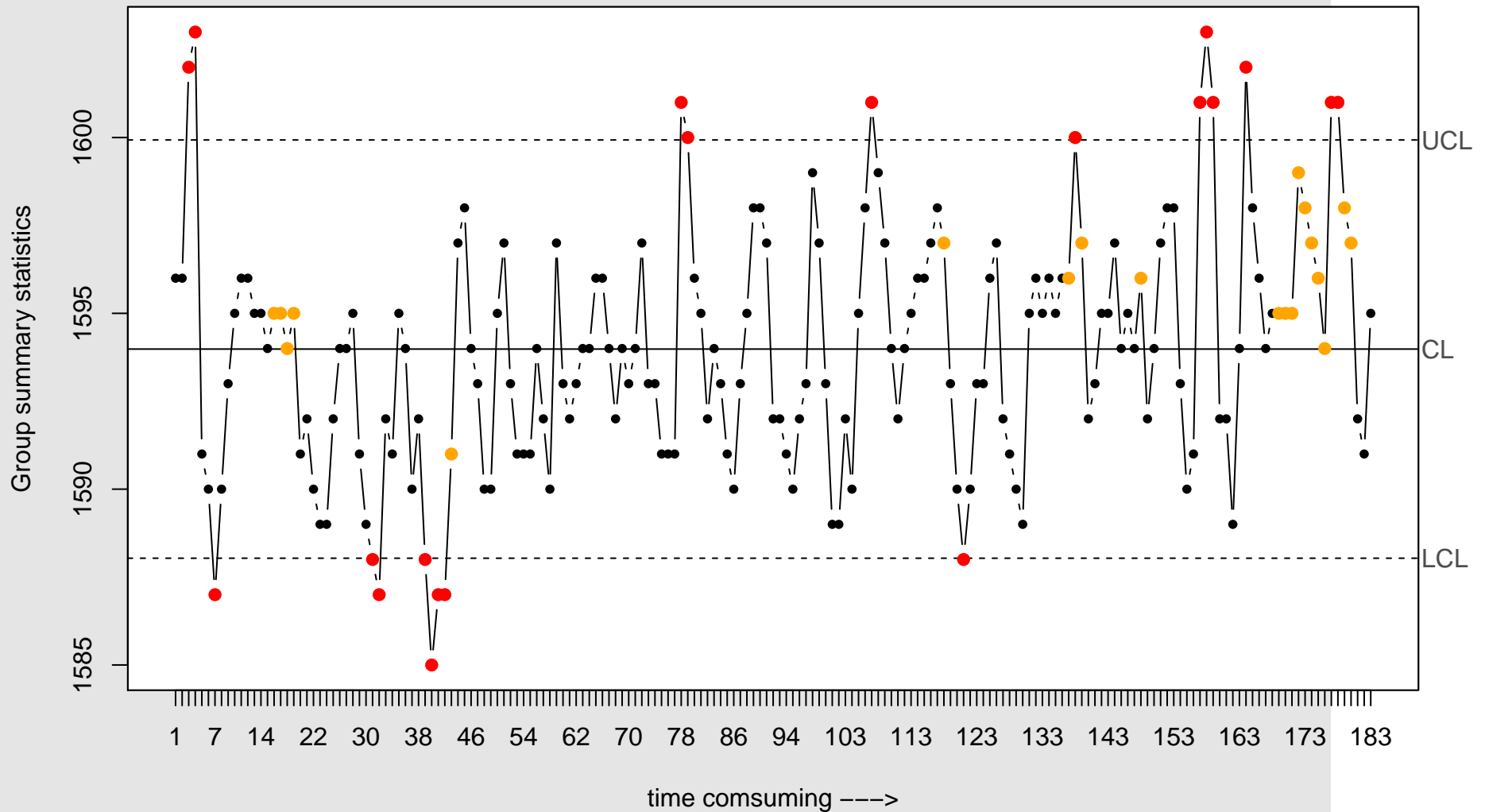
LCL = 1587.609

UCL = 1600.118

Number beyond limits = 11

Number violating runs = 13

## 224th column point of this product



Number of groups = 183

Center = 1593.984

StdDev = 1.982503

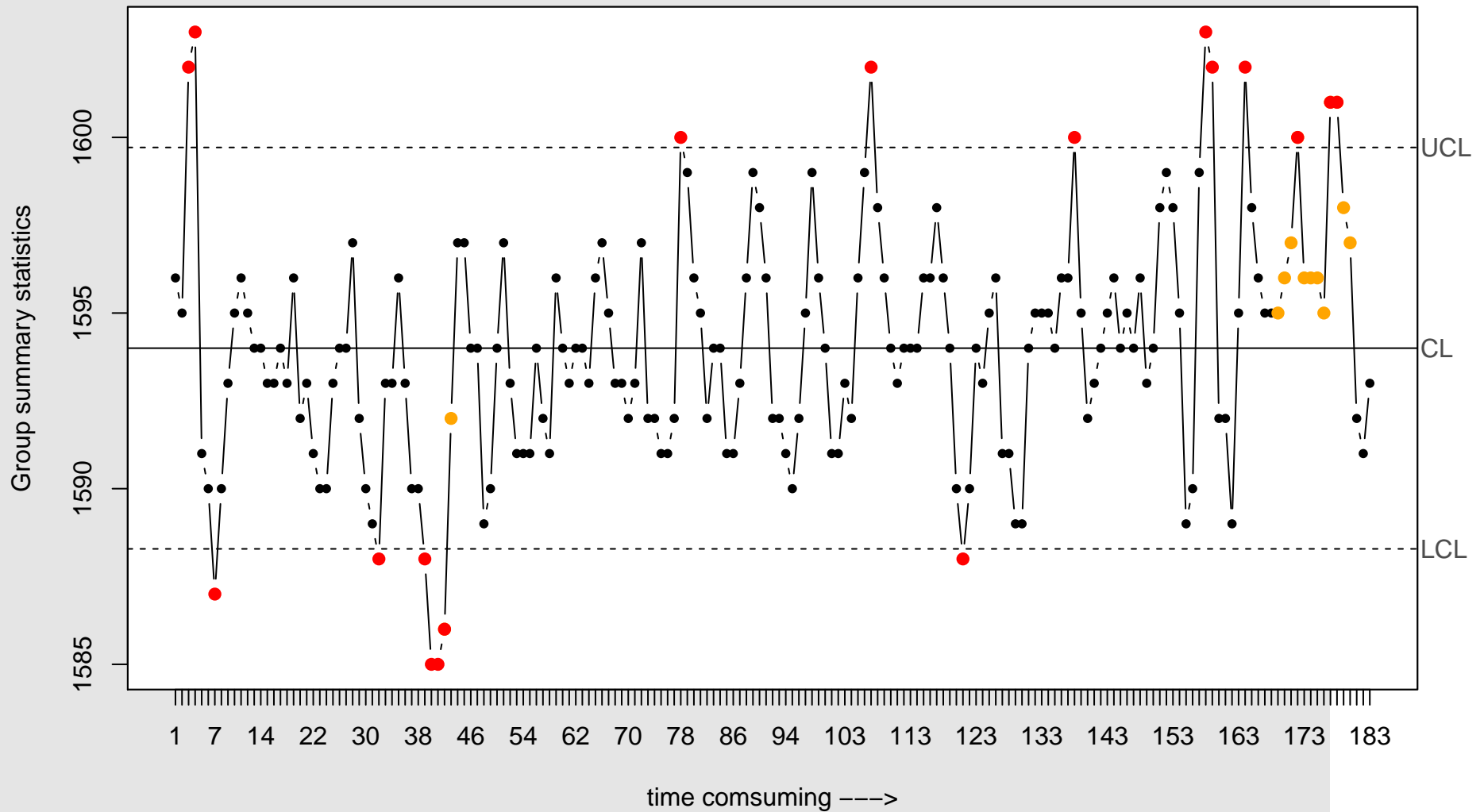
LCL = 1588.036

UCL = 1599.931

Number beyond limits = 20

Number violating runs = 22

## 225th column point of this product



Number of groups = 183

Center = 1594

StdDev = 1.904567

LCL = 1588.286

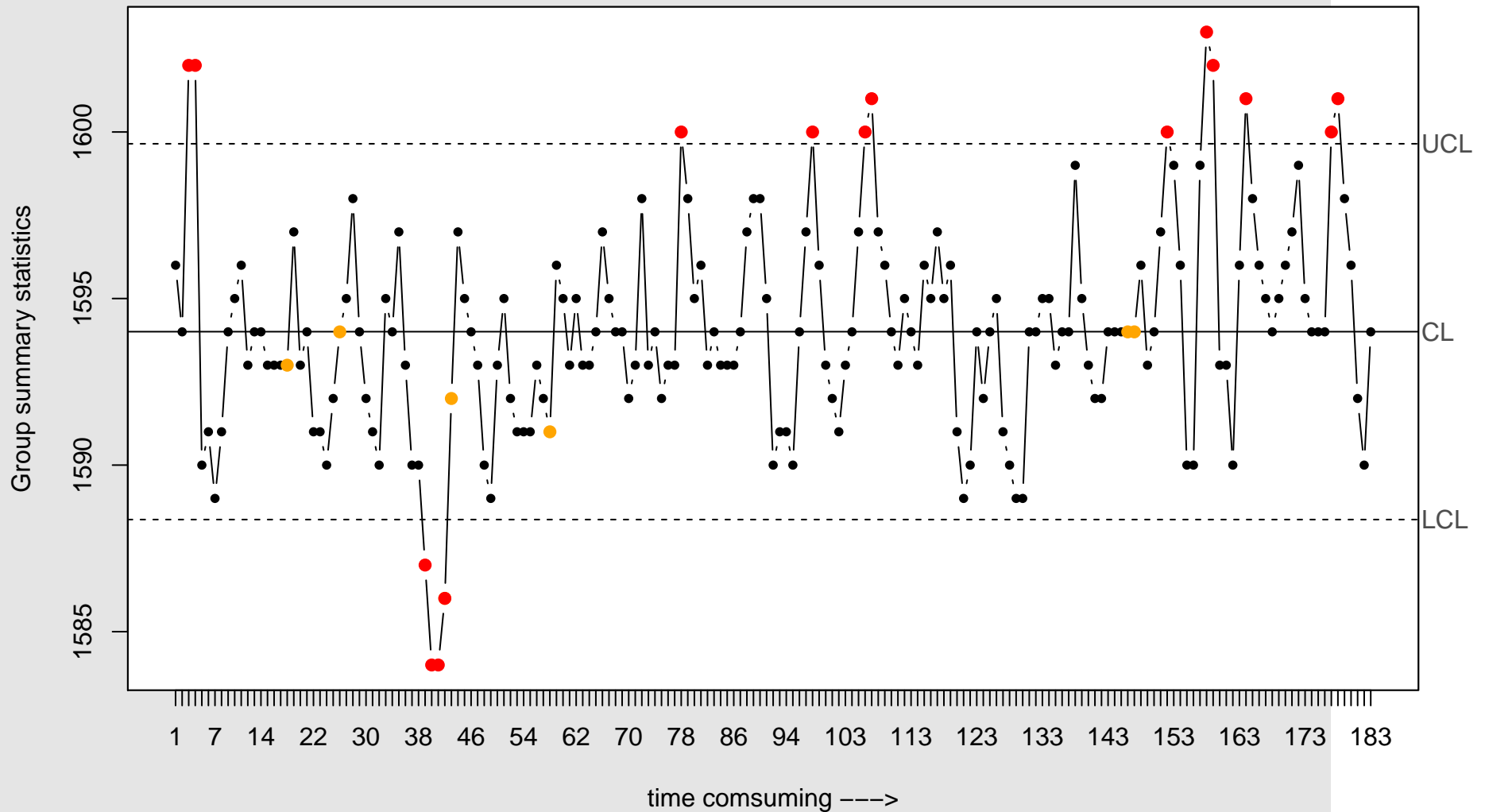
UCL = 1599.714

Number beyond limits = 18

Number violating runs = 14



## 226th column point of this product



Number of groups = 183

Center = 1594.005

StdDev = 1.880212

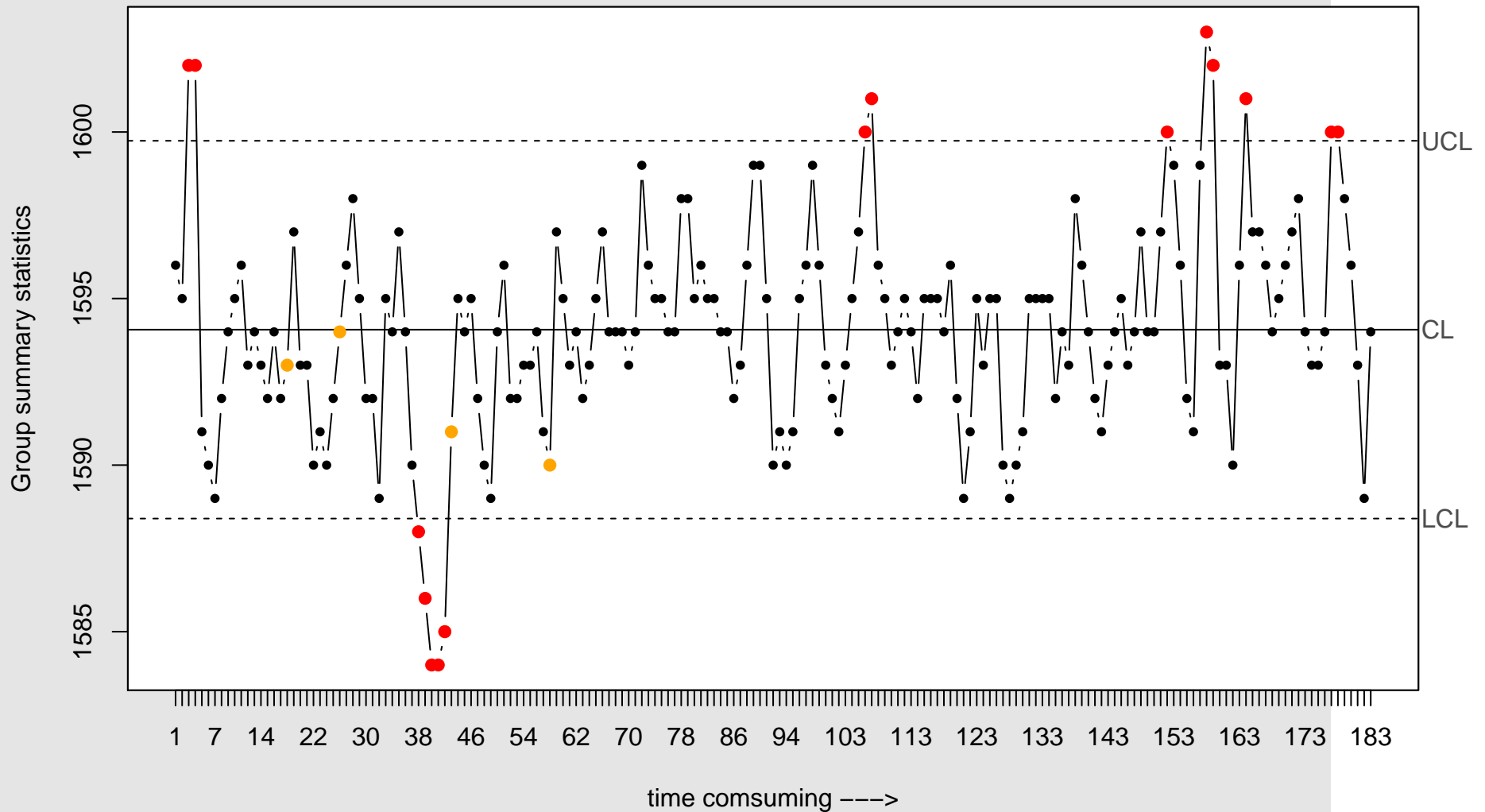
LCL = 1588.365

UCL = 1599.646

Number beyond limits = 16

Number violating runs = 7

## 227th column point of this product



Number of groups = 183

Center = 1594.066

StdDev = 1.889954

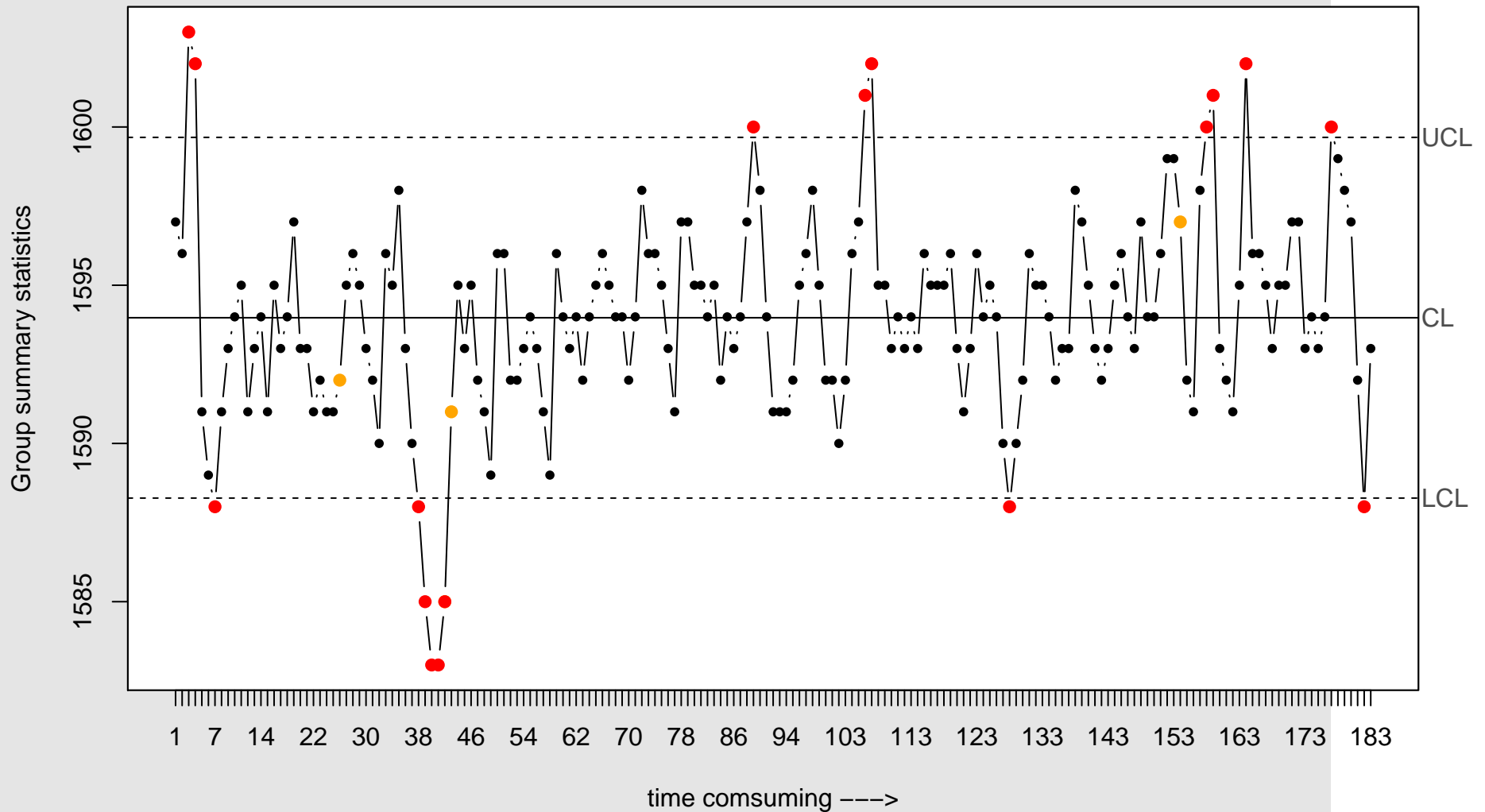
LCL = 1588.396

UCL = 1599.735

Number beyond limits = 15

Number violating runs = 5

## 228th column point of this product



Number of groups = 183

Center = 1593.973

StdDev = 1.899696

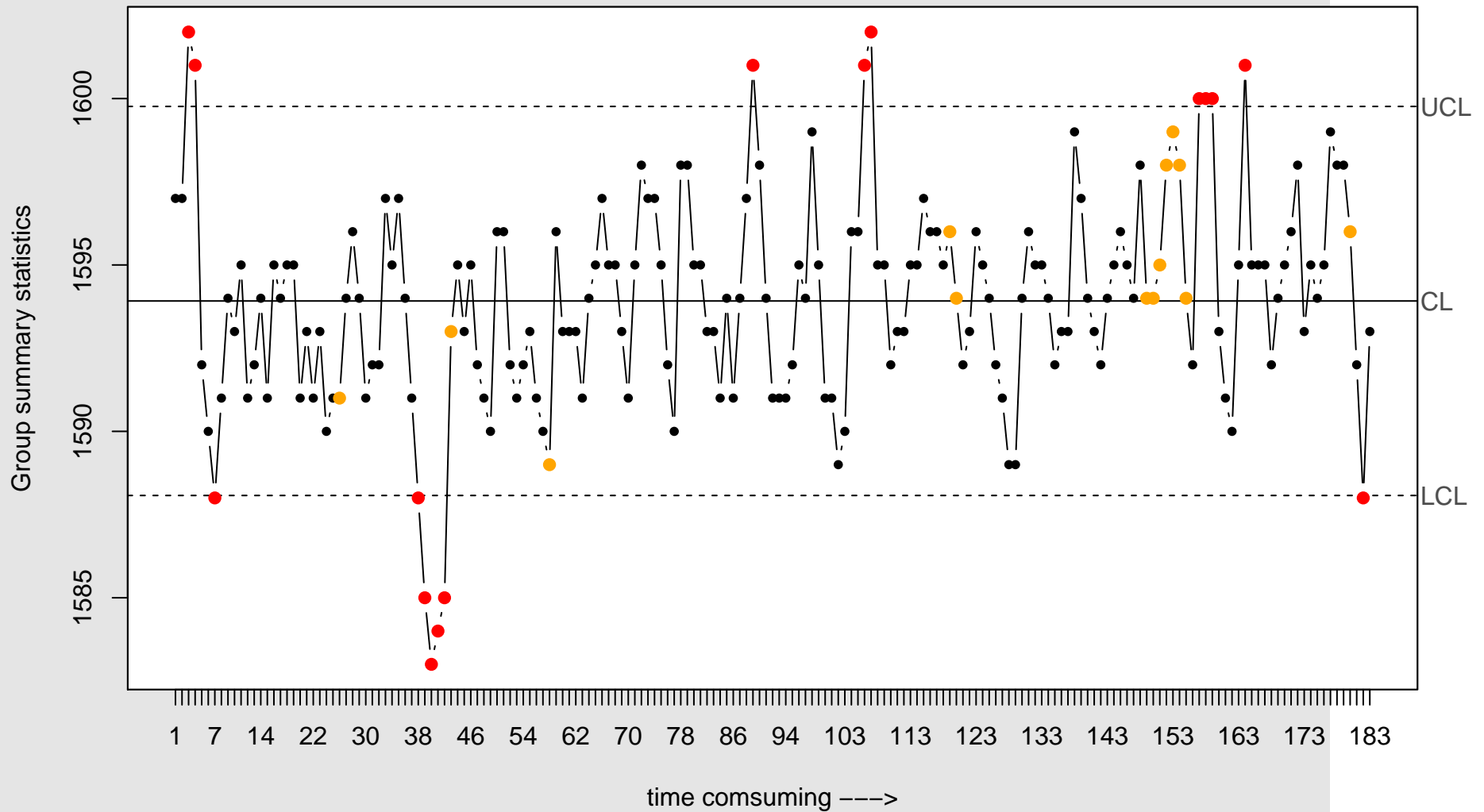
LCL = 1588.274

UCL = 1599.672

Number beyond limits = 17

Number violating runs = 4

## 229th column point of this product



Number of groups = 183

Center = 1593.918

StdDev = 1.948406

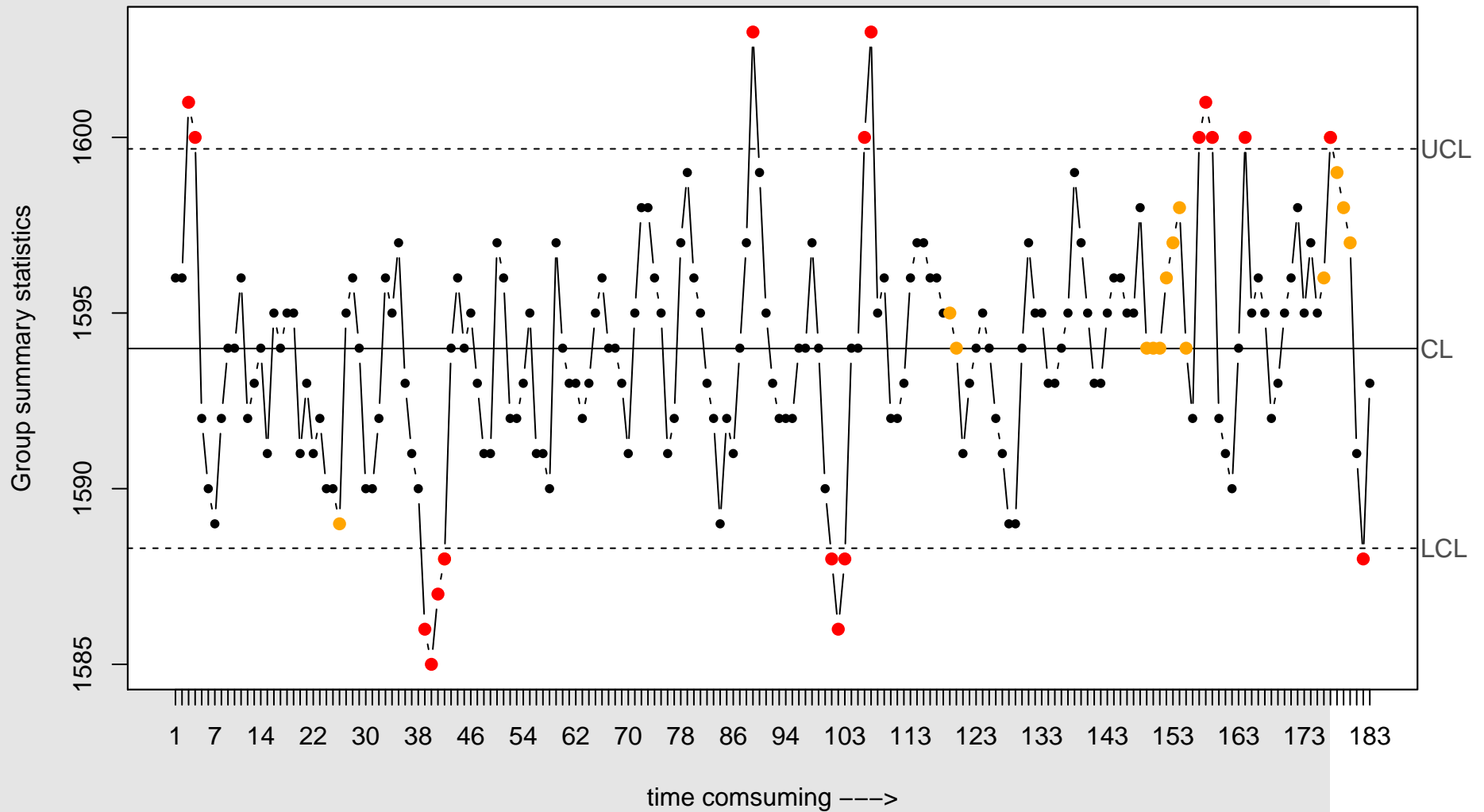
LCL = 1588.073

UCL = 1599.763

Number beyond limits = 16

Number violating runs = 13

## 230th column point of this product



Number of groups = 183

Center = 1593.989

StdDev = 1.894825

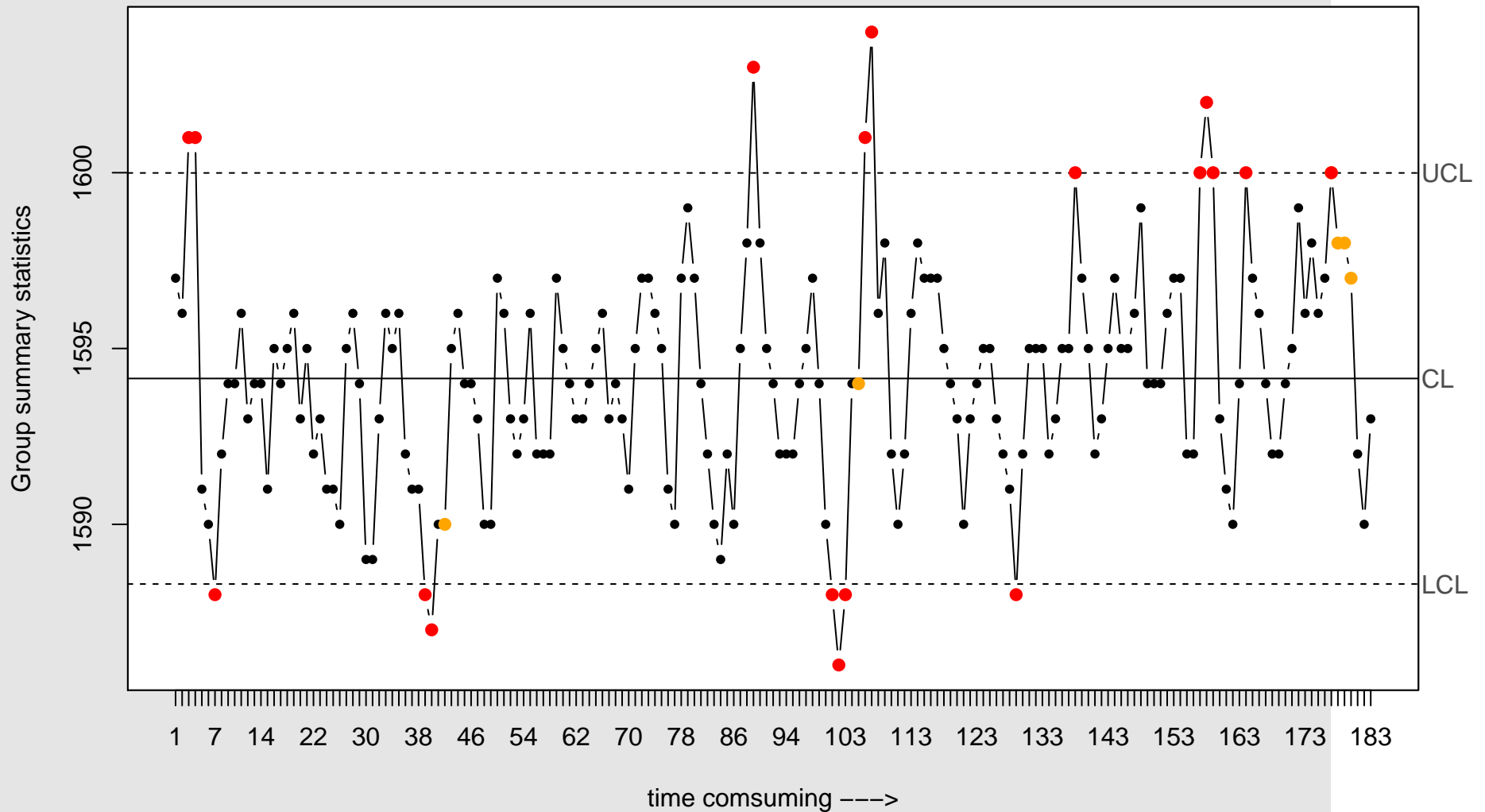
LCL = 1588.305

UCL = 1599.674

Number beyond limits = 18

Number violating runs = 16

## 231th column point of this product



Number of groups = 183

Center = 1594.148

StdDev = 1.948406

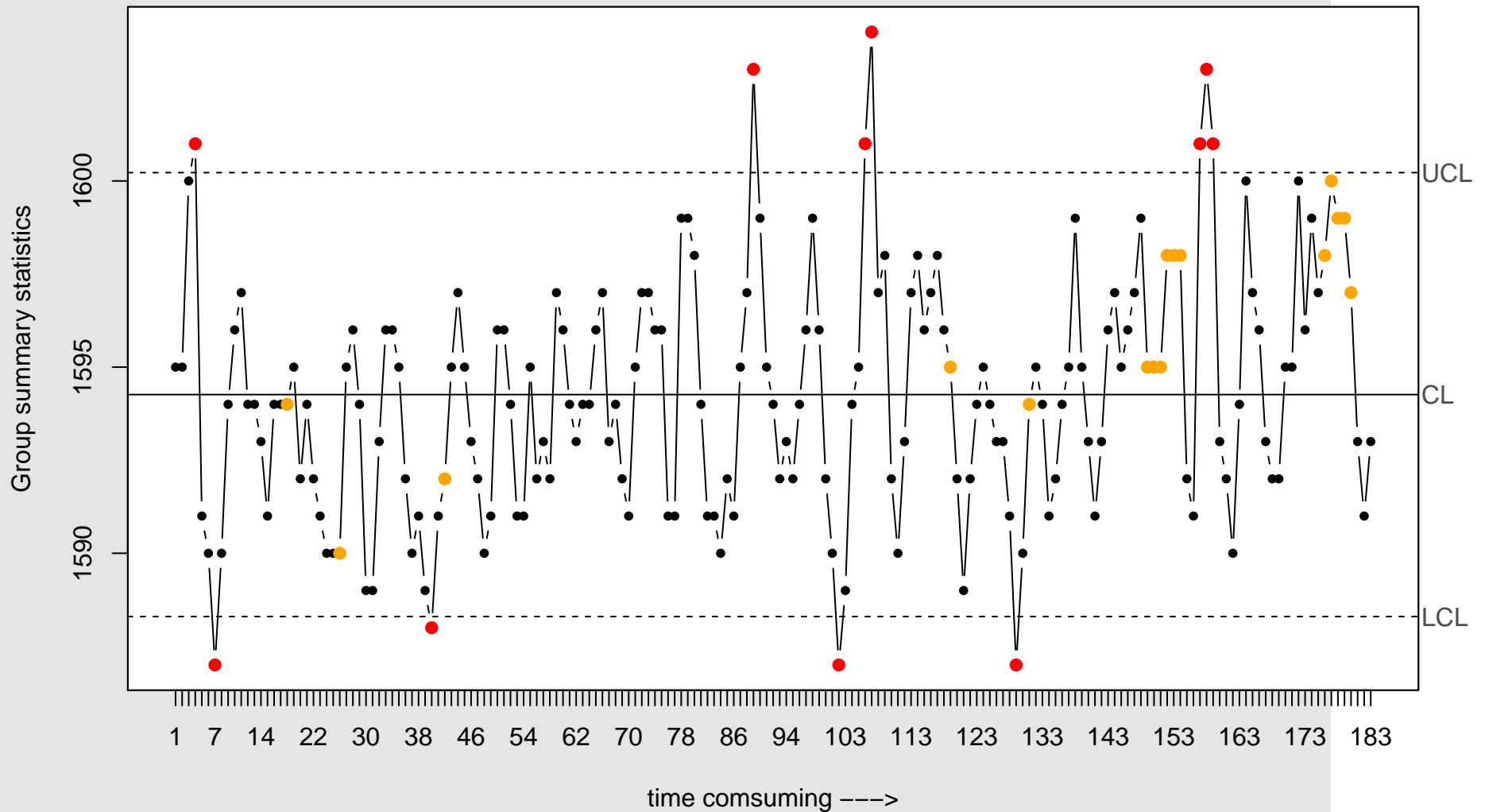
LCL = 1588.302

UCL = 1599.993

Number beyond limits = 18

Number violating runs = 6

## 232th column point of this product



Number of groups = 183

Center = 1594.262

StdDev = 1.987374

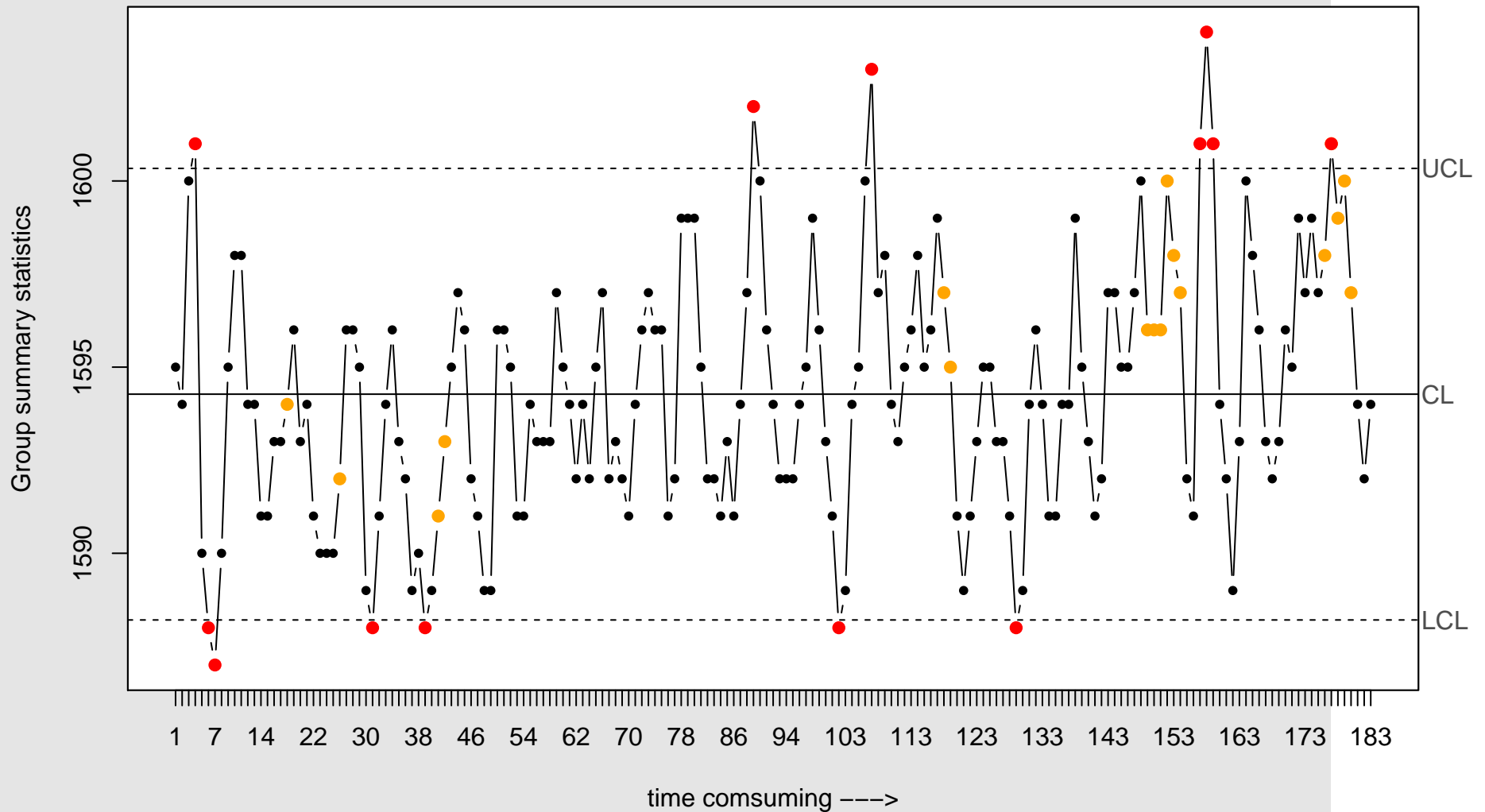
LCL = 1588.3

UCL = 1600.224

Number beyond limits = 11

Number violating runs = 16

## 233th column point of this product



Number of groups = 183

Center = 1594.273

StdDev = 2.021471

LCL = 1588.209

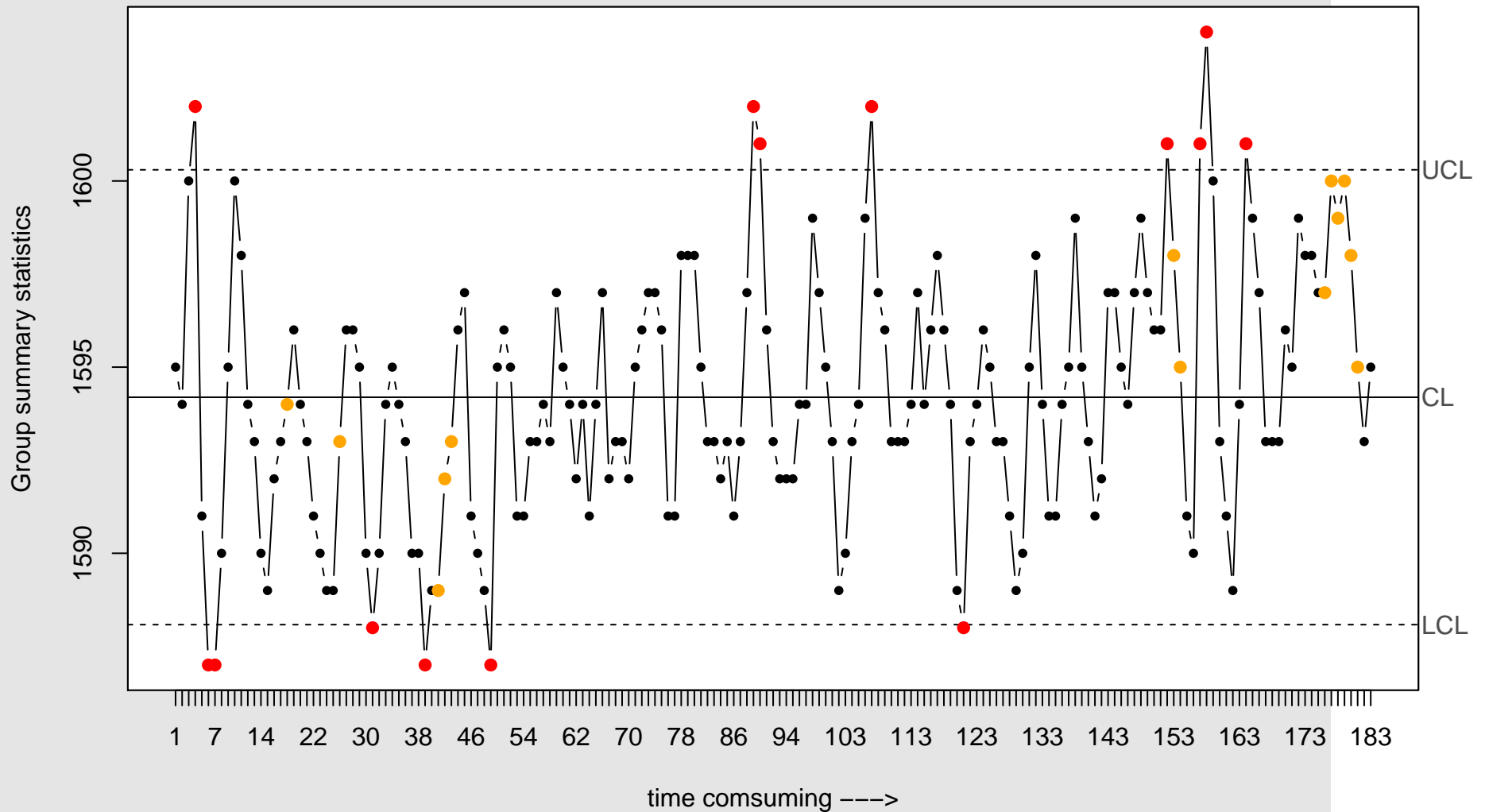
UCL = 1600.338

Number beyond limits = 13

Number violating runs = 17



## 234th column point of this product



Number of groups = 183

Center = 1594.191

StdDev = 2.036084

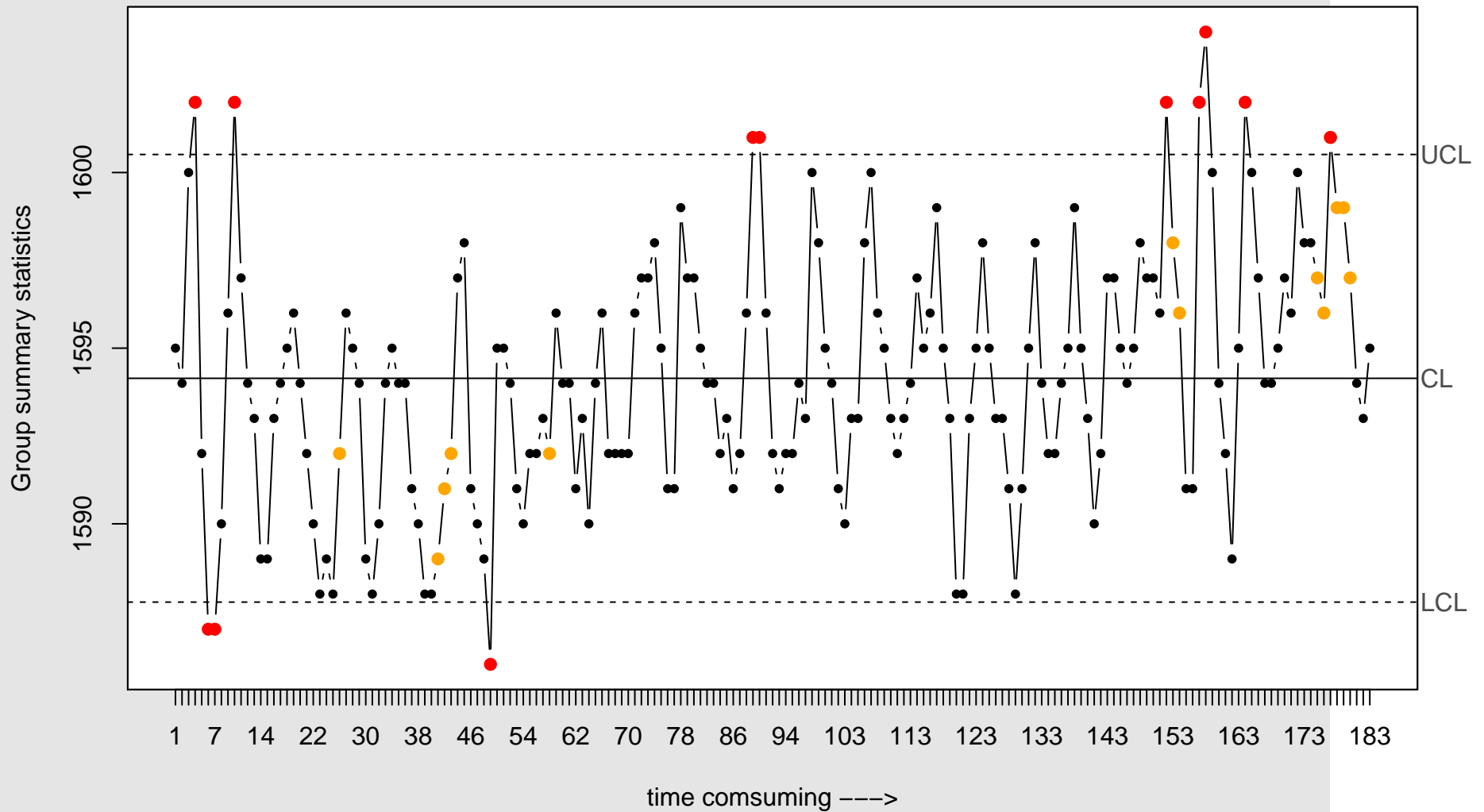
LCL = 1588.083

UCL = 1600.3

Number beyond limits = 14

Number violating runs = 13

## 235th column point of this product



Number of groups = 183

Center = 1594.142

StdDev = 2.123763

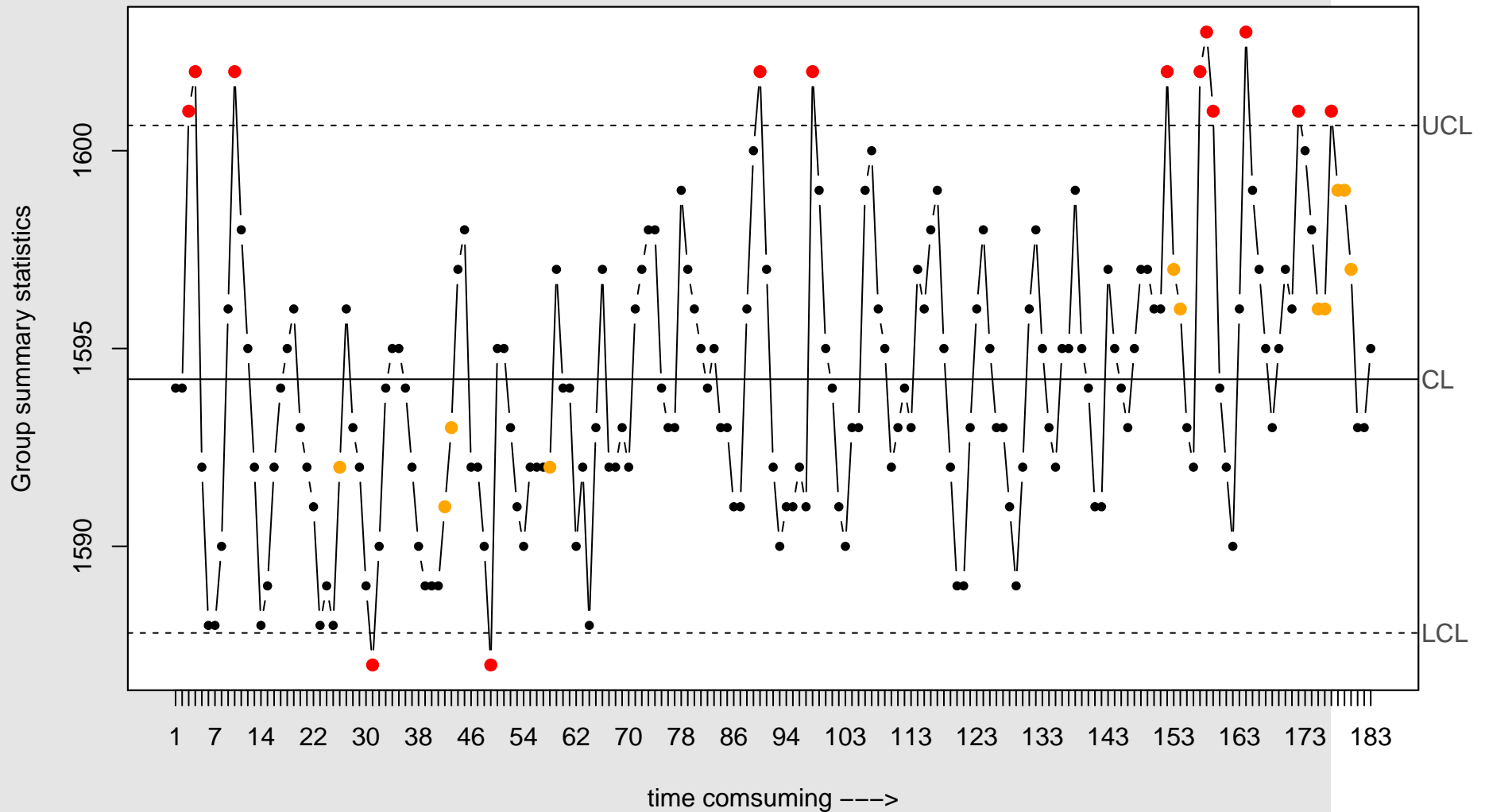
LCL = 1587.771

UCL = 1600.513

Number beyond limits = 12

Number violating runs = 13

## 236th column point of this product



Number of groups = 183

Center = 1594.224

StdDev = 2.138376

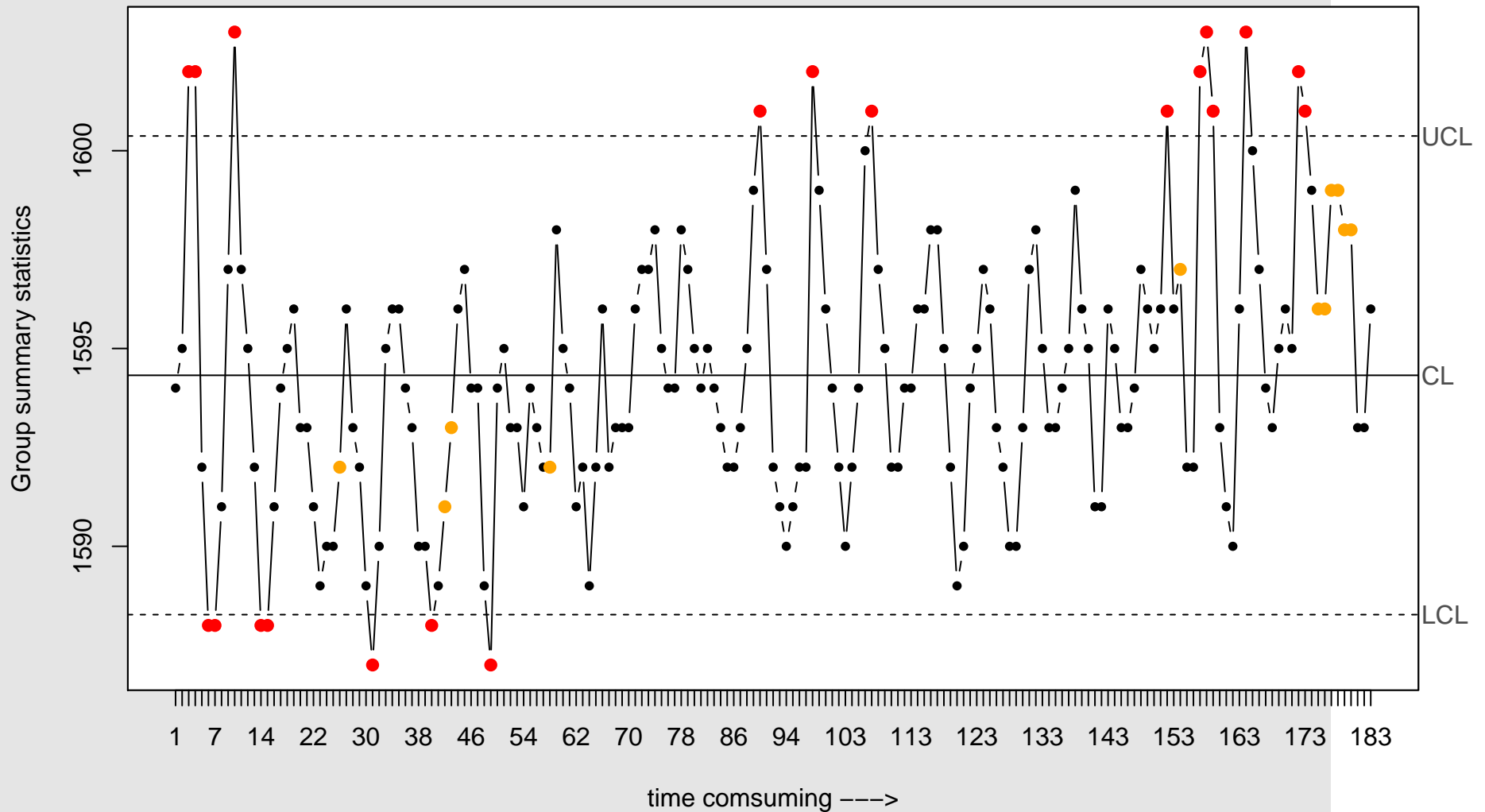
LCL = 1587.809

UCL = 1600.639

Number beyond limits = 14

Number violating runs = 12

## 237th column point of this product



Number of groups = 183

Center = 1594.322

StdDev = 2.0166

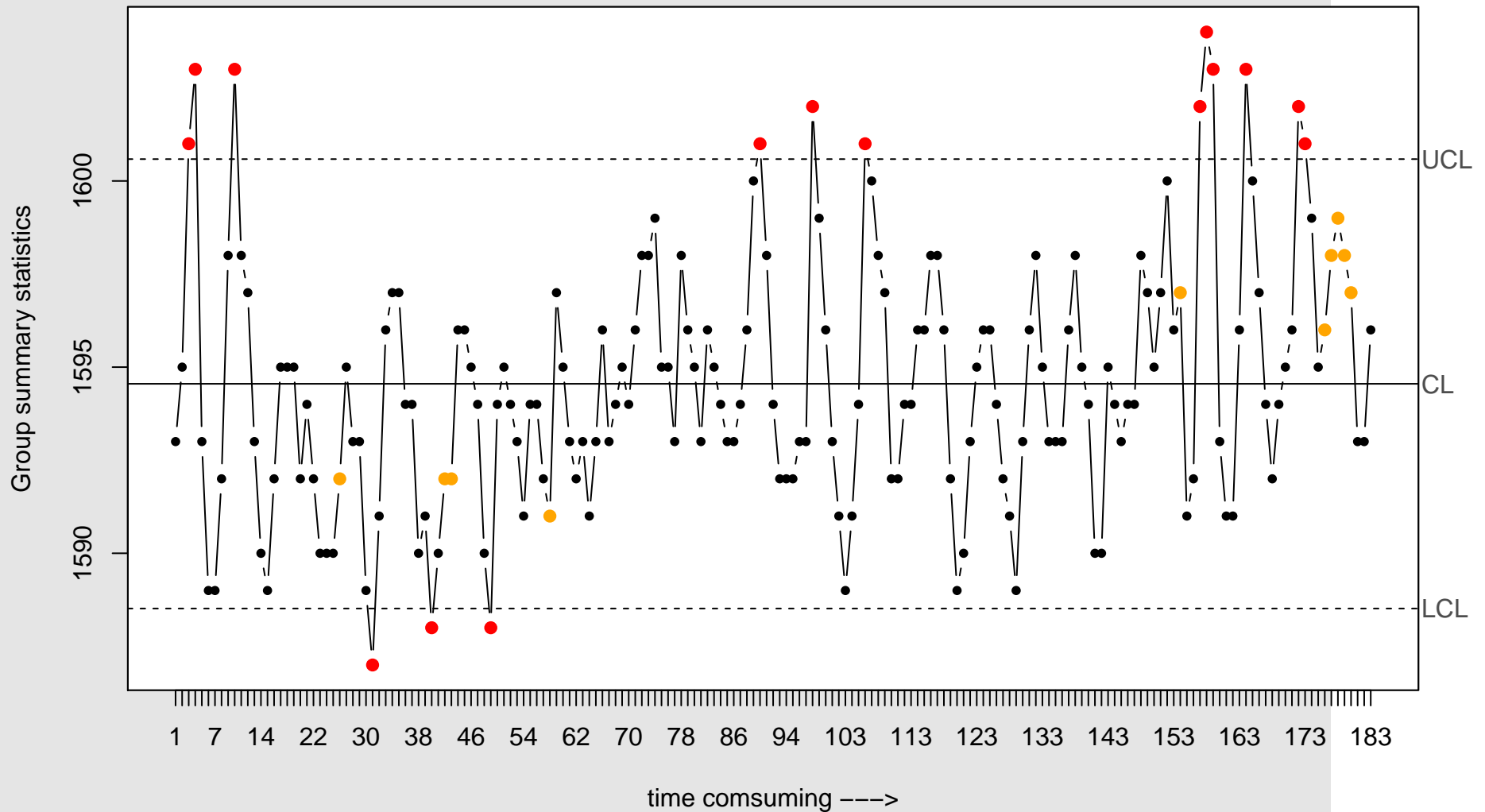
LCL = 1588.273

UCL = 1600.372

Number beyond limits = 20

Number violating runs = 11

## 238th column point of this product



Number of groups = 183

Center = 1594.552

StdDev = 2.011729

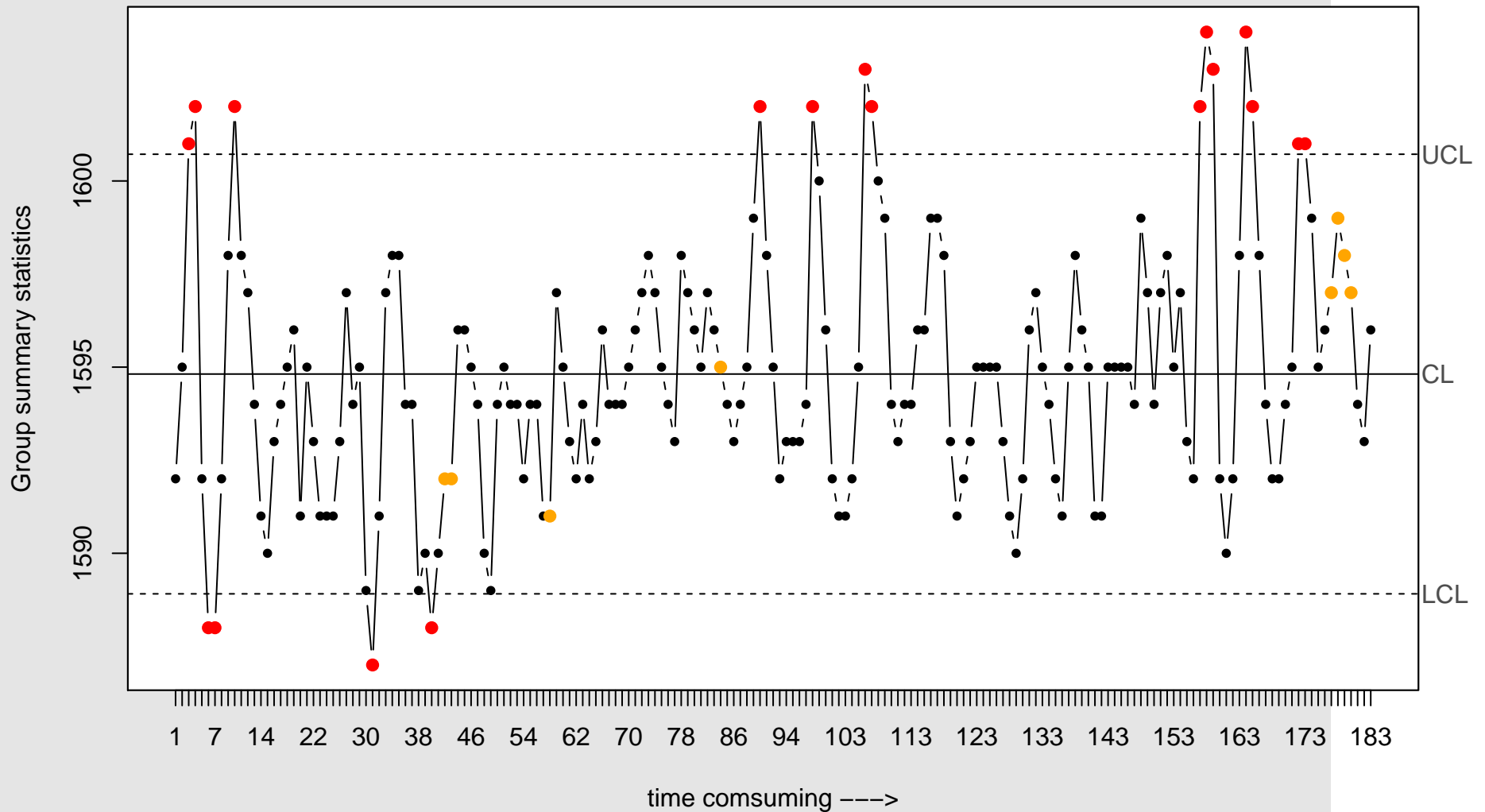
LCL = 1588.517

UCL = 1600.587

Number beyond limits = 15

Number violating runs = 10

## 239th column point of this product



Number of groups = 183

Center = 1594.814

StdDev = 1.96789

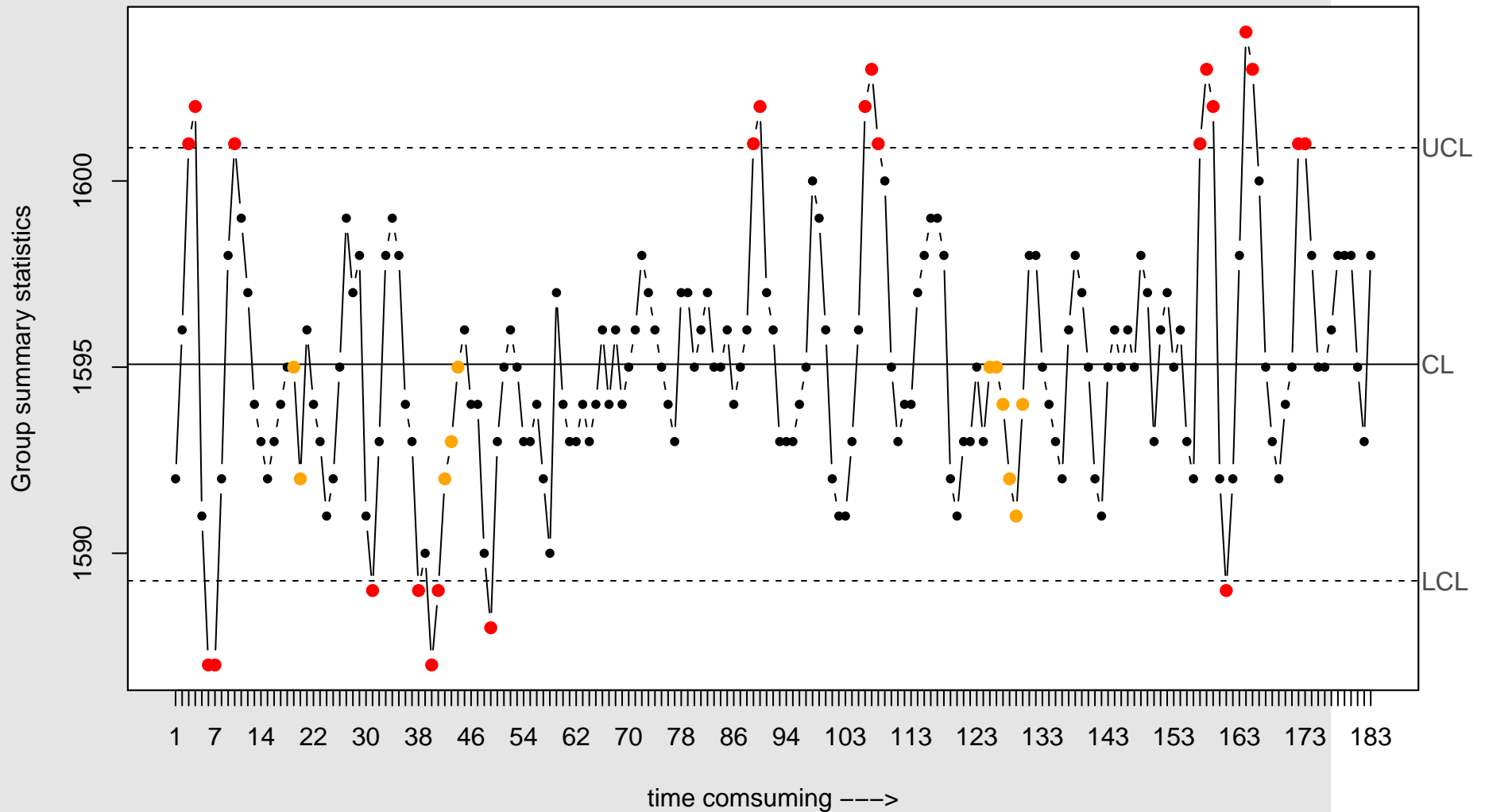
LCL = 1588.911

UCL = 1600.718

Number beyond limits = 18

Number violating runs = 8

## 240th column point of this product



Number of groups = 183

Center = 1595.077

StdDev = 1.938664

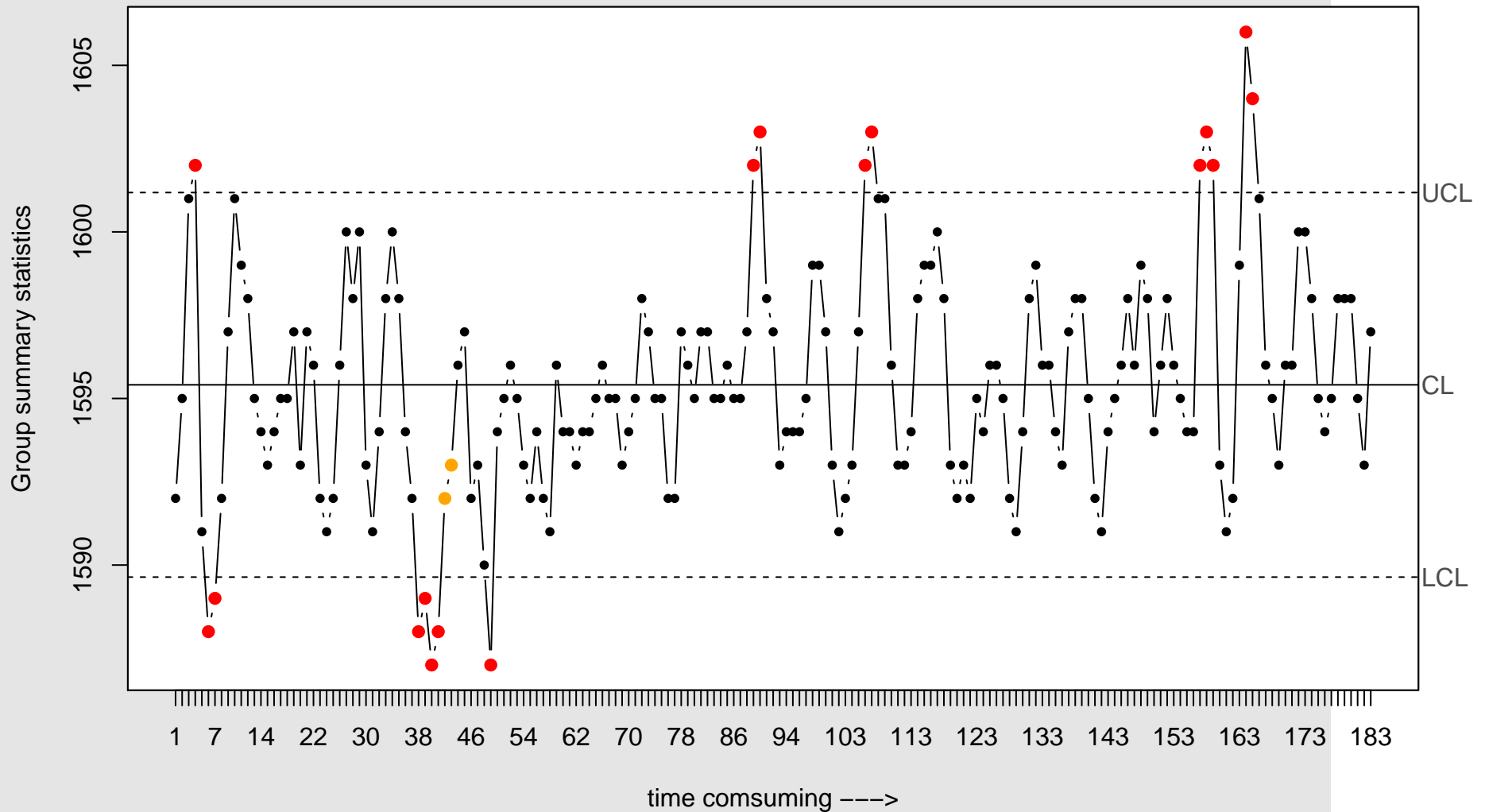
LCL = 1589.261

UCL = 1600.892

Number beyond limits = 23

Number violating runs = 11

## 241th column point of this product



Number of groups = 183

Center = 1595.41

StdDev = 1.924051

LCL = 1589.638

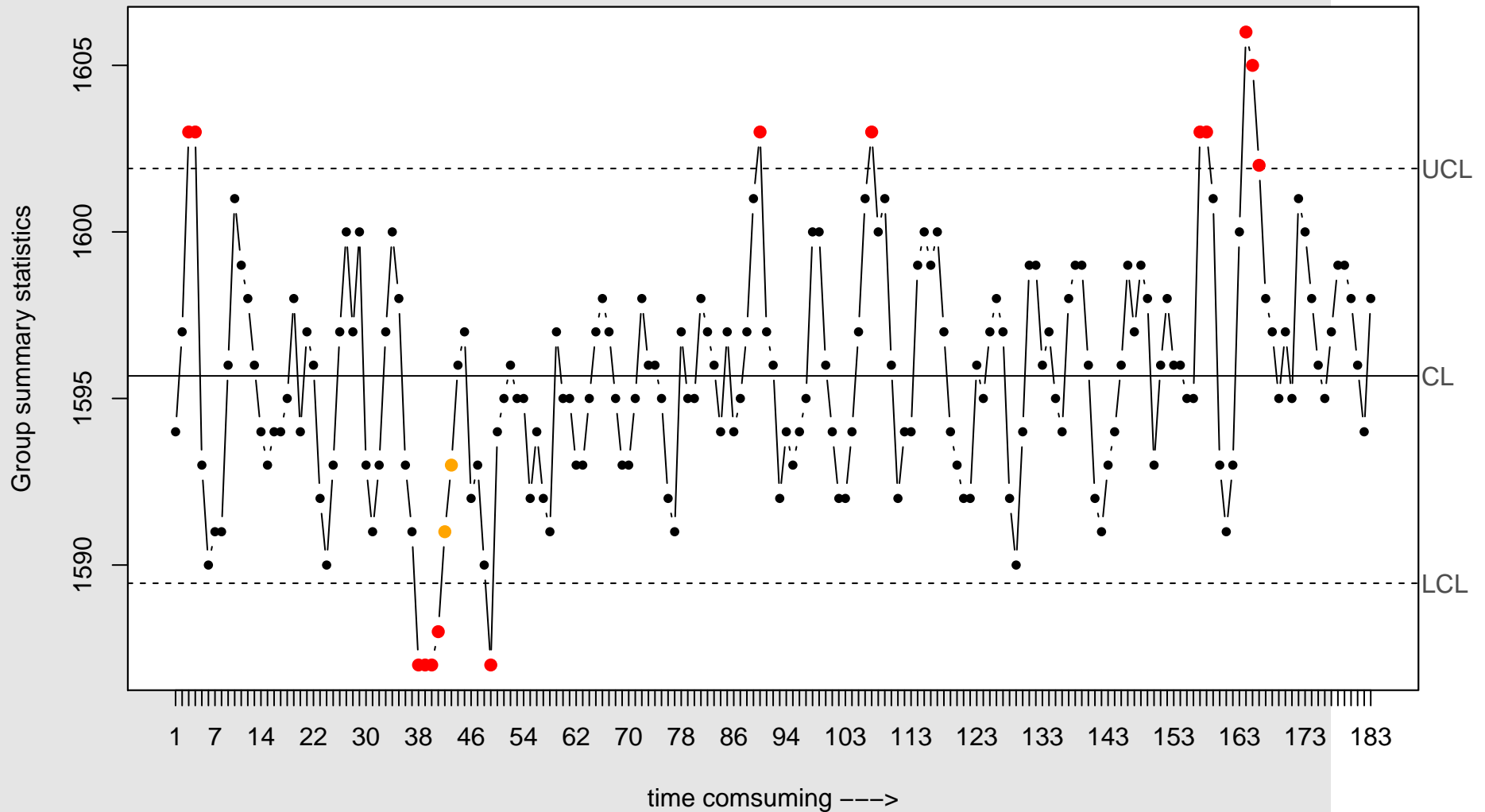
UCL = 1601.182

Number beyond limits = 17

Number violating runs = 2



## 242th column point of this product



Number of groups = 183

Center = 1595.678

StdDev = 2.075053

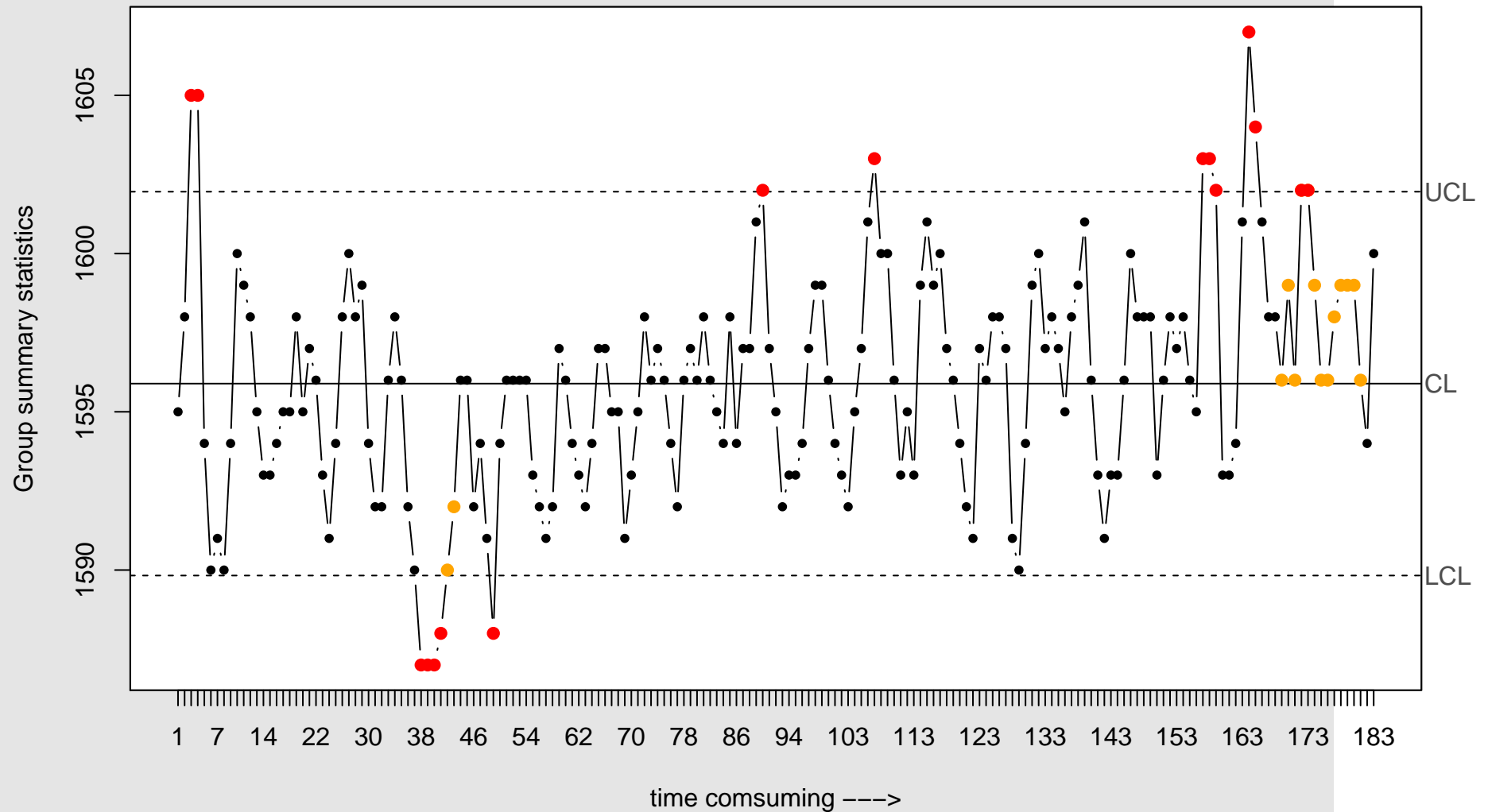
LCL = 1589.452

UCL = 1601.903

Number beyond limits = 14

Number violating runs = 2

## 243th column point of this product

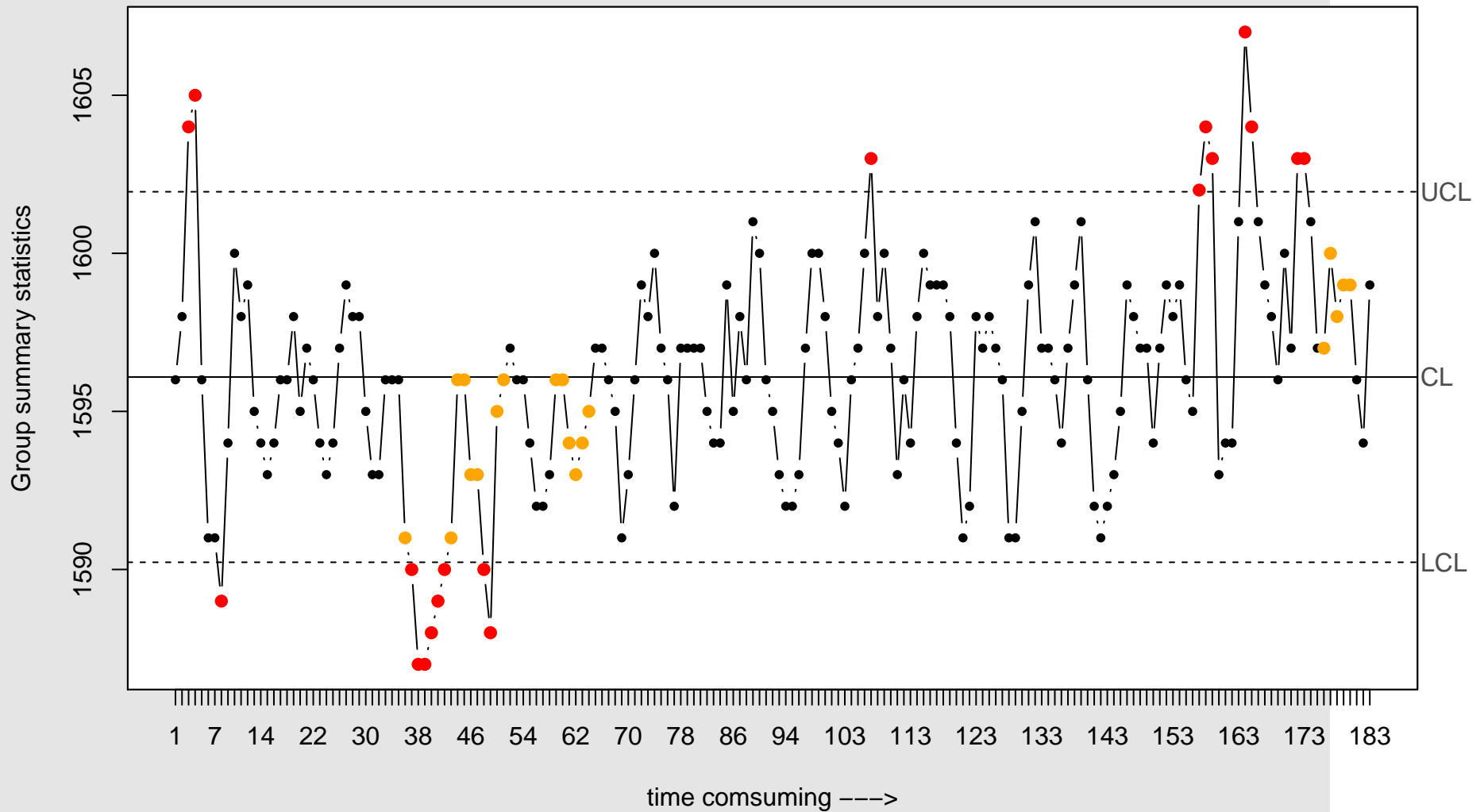


Number of groups = 183  
Center = 1595.891  
StdDev = 2.021471

LCL = 1589.826  
UCL = 1601.955

Number beyond limits = 16  
Number violating runs = 15

## 244th column point of this product



Number of groups = 183

Center = 1596.087

StdDev = 1.953277

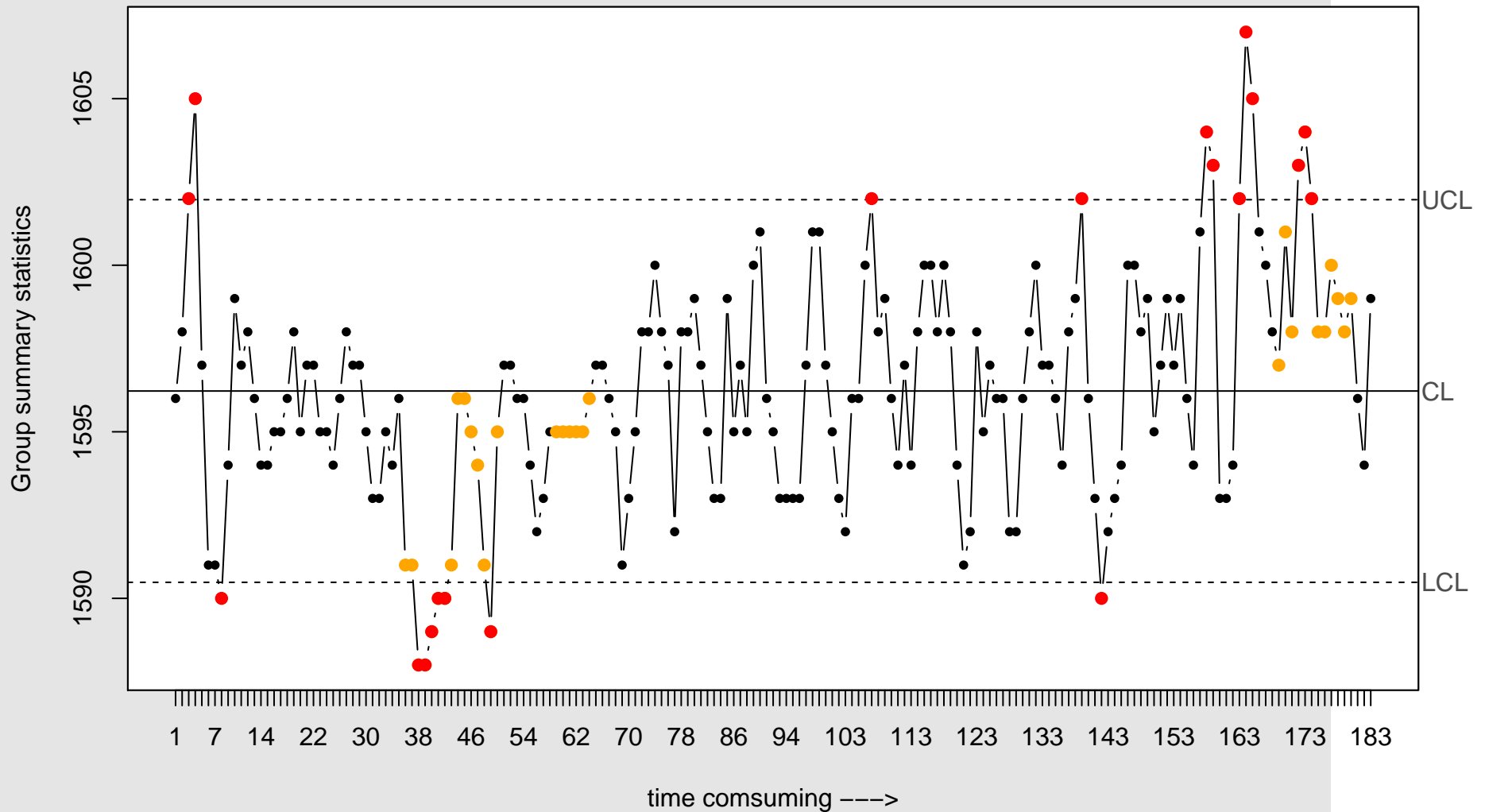
LCL = 1590.228

UCL = 1601.947

Number beyond limits = 19

Number violating runs = 27

## 245th column point of this product



Number of groups = 183

Center = 1596.224

StdDev = 1.914309

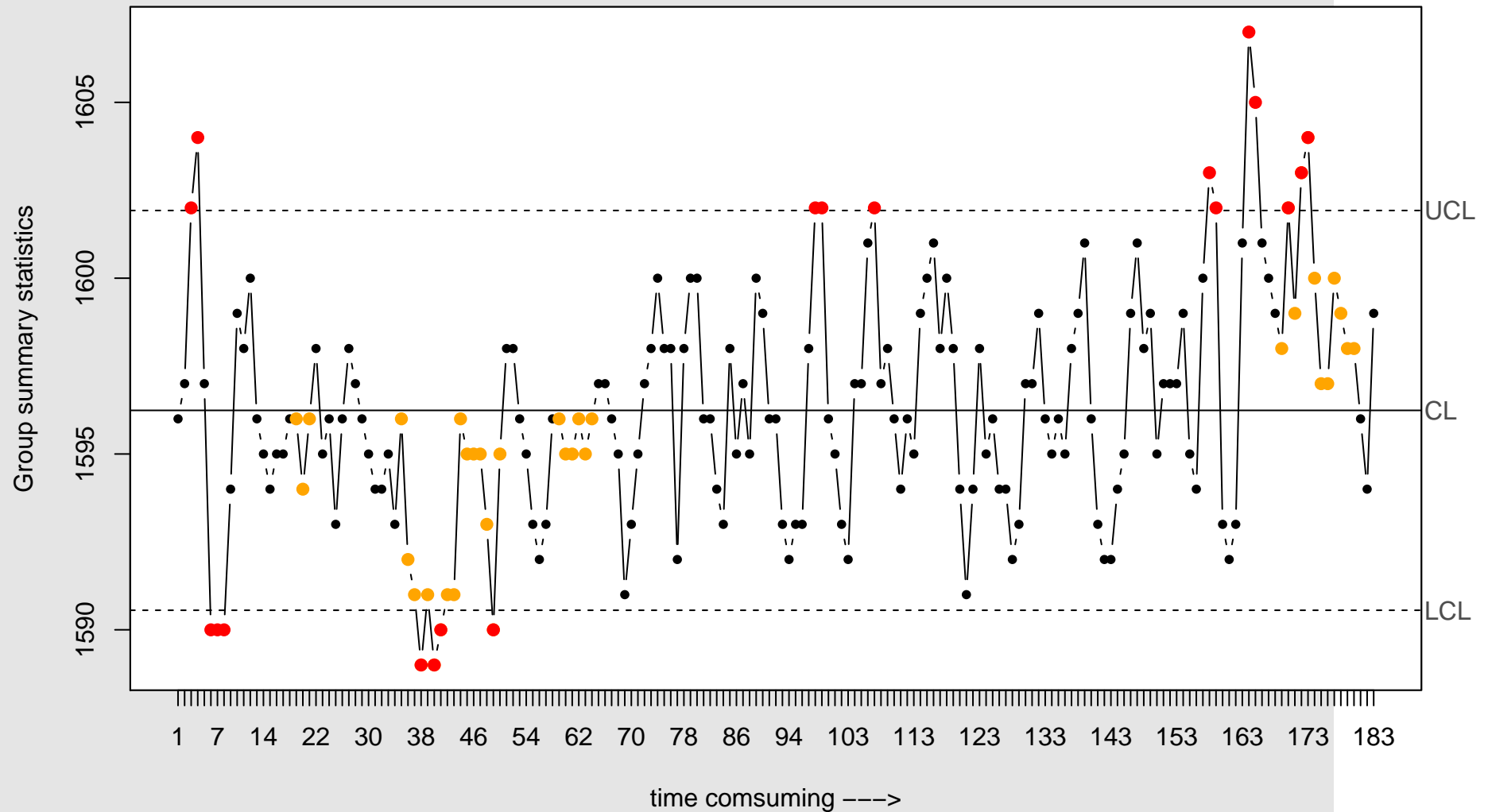
LCL = 1590.481

UCL = 1601.967

Number beyond limits = 20

Number violating runs = 33

## 246th column point of this product



Number of groups = 183

Center = 1596.24

StdDev = 1.894825

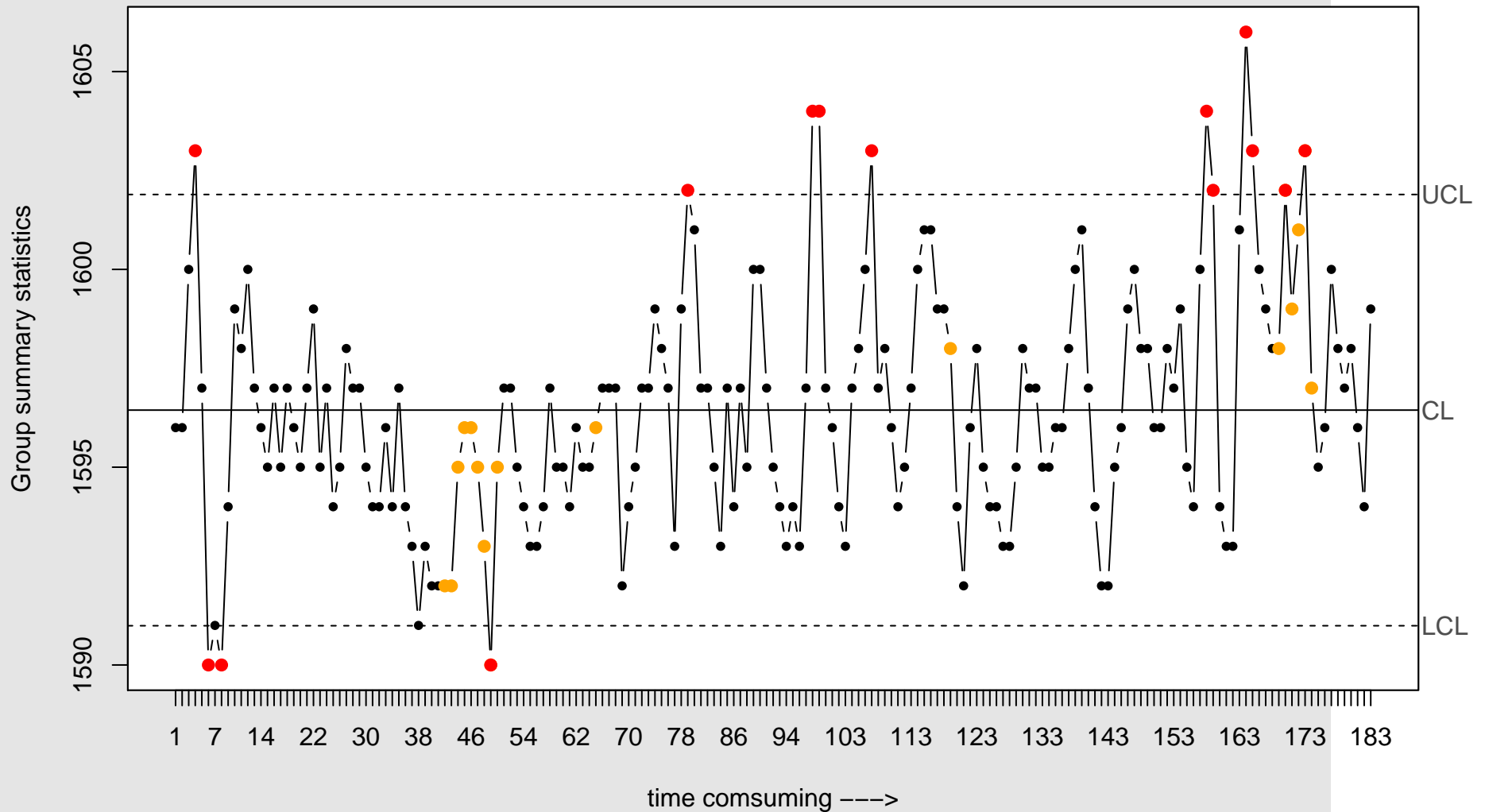
LCL = 1590.556

UCL = 1601.925

Number beyond limits = 19

Number violating runs = 37

### 247th column point of this product



Number of groups = 183

Center = 1596.443

StdDev = 1.816889

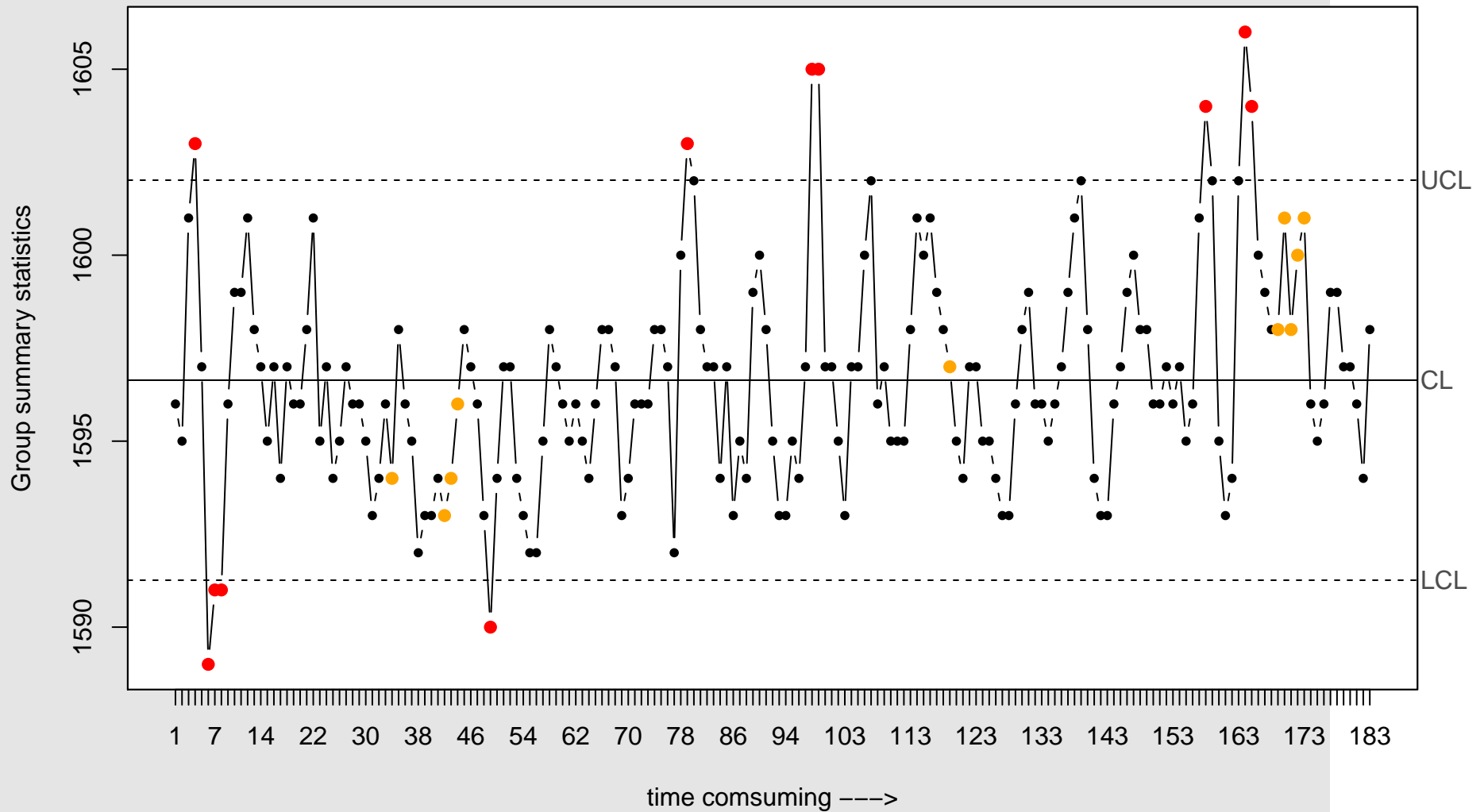
LCL = 1590.992

UCL = 1601.893

Number beyond limits = 14

Number violating runs = 17

### 248th column point of this product



Number of groups = 183

Center = 1596.639

StdDev = 1.792534

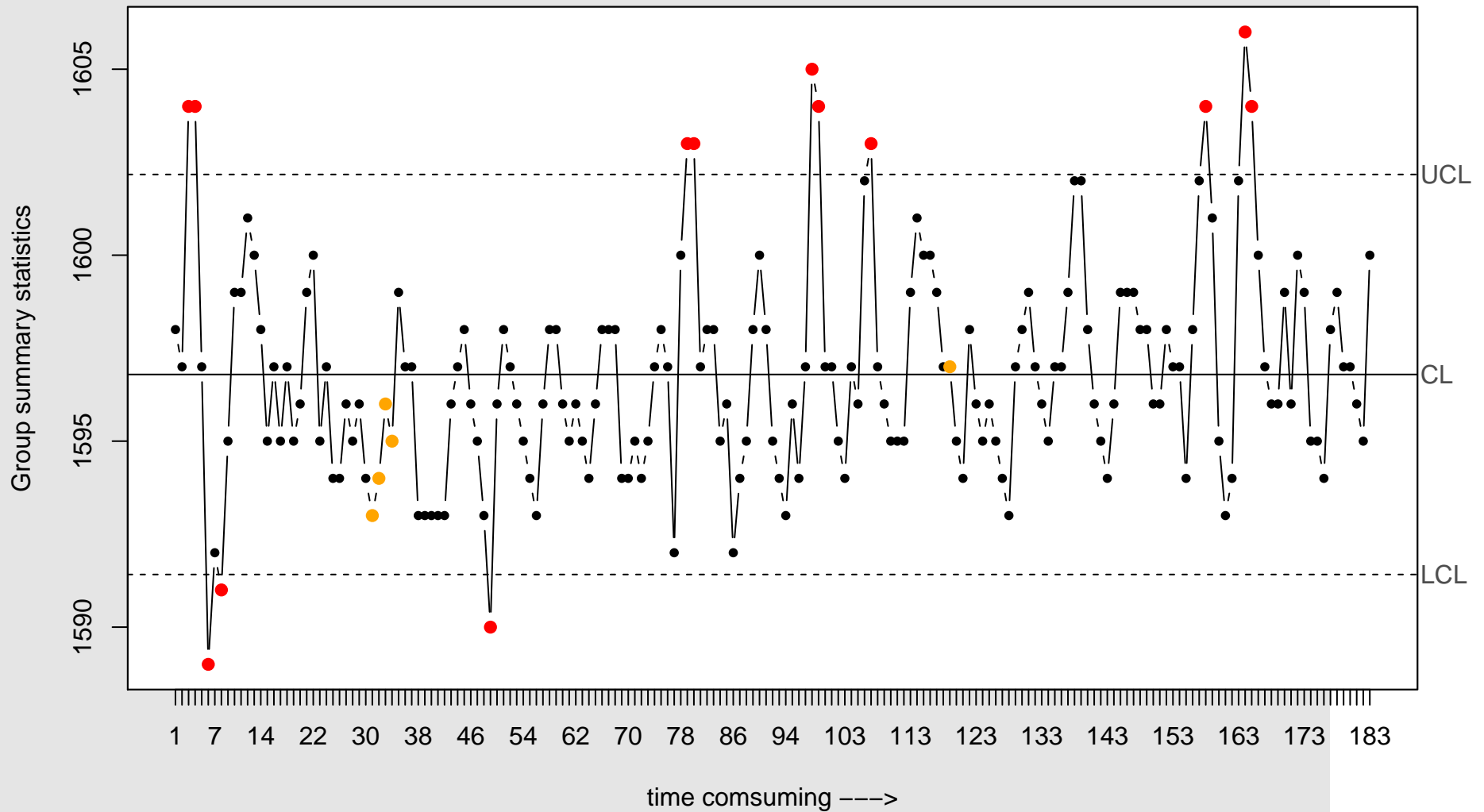
LCL = 1591.262

UCL = 1602.017

Number beyond limits = 11

Number violating runs = 10

## 249th column point of this product



Number of groups = 183

Center = 1596.792

StdDev = 1.792534

LCL = 1591.415

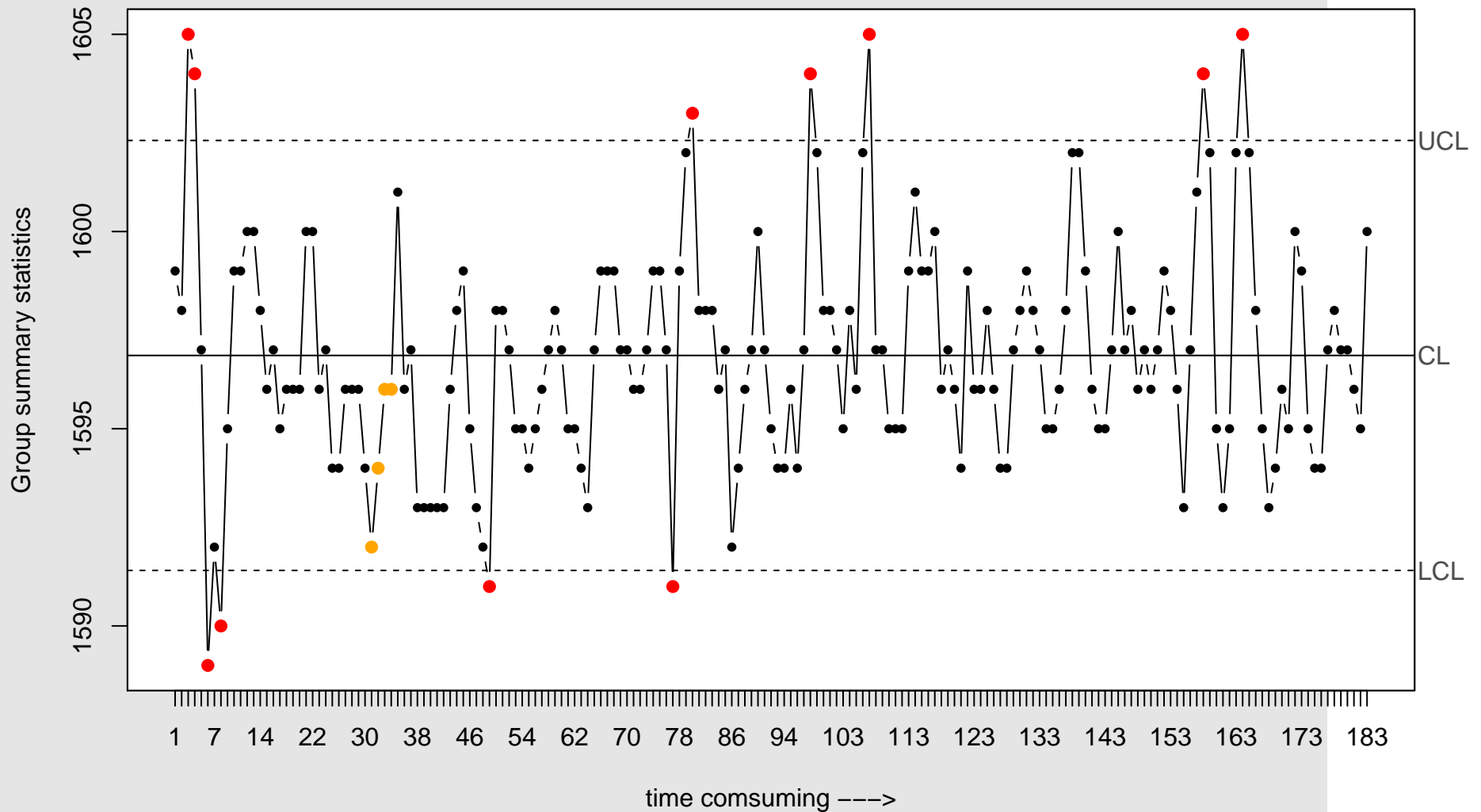
UCL = 1602.17

Number beyond limits = 13

Number violating runs = 5



## 250th column point of this product



Number of groups = 183

Center = 1596.858

StdDev = 1.816889

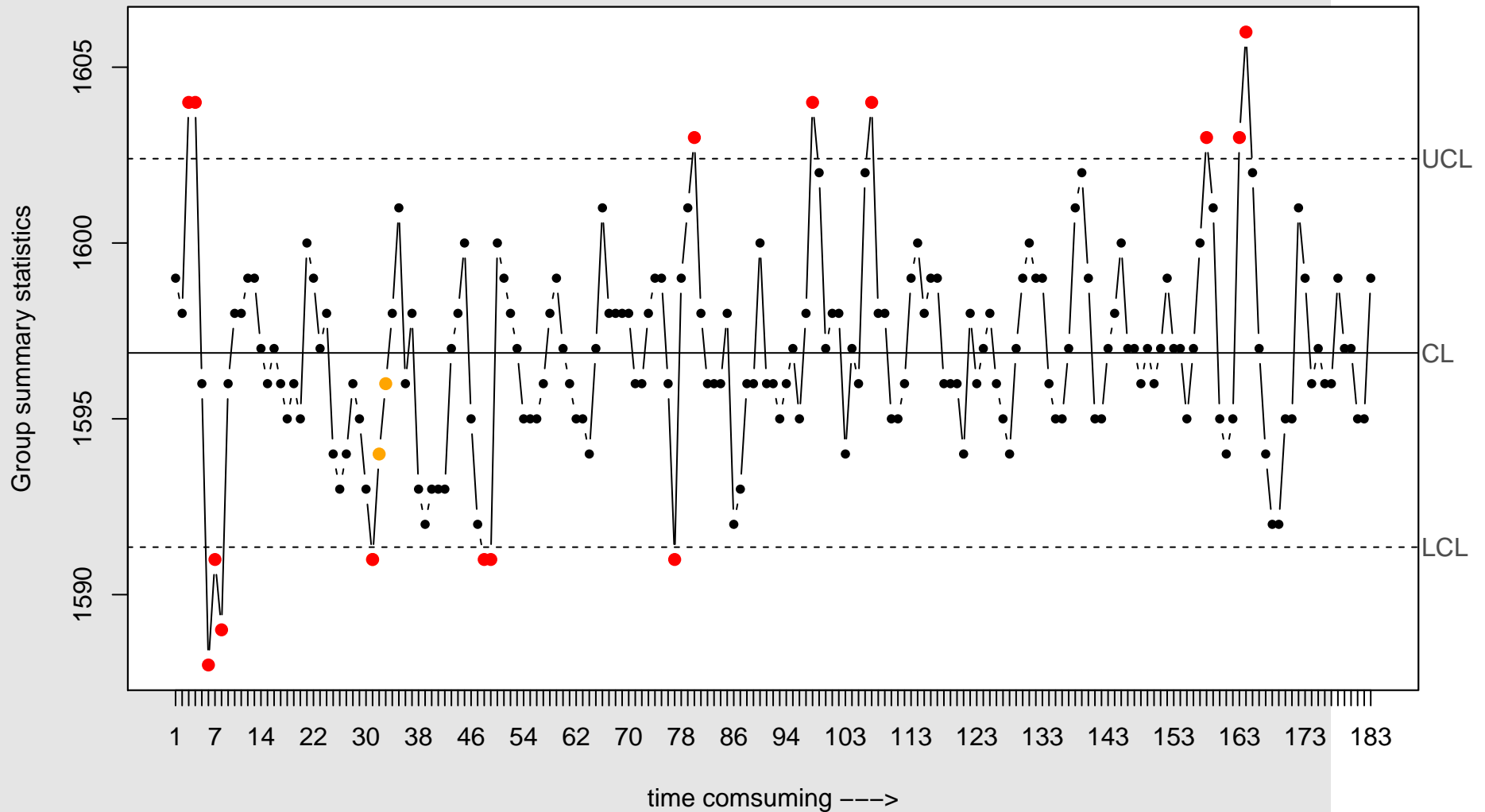
LCL = 1591.407

UCL = 1602.309

Number beyond limits = 11

Number violating runs = 4

## 251th column point of this product



Number of groups = 183

Center = 1596.874

StdDev = 1.841244

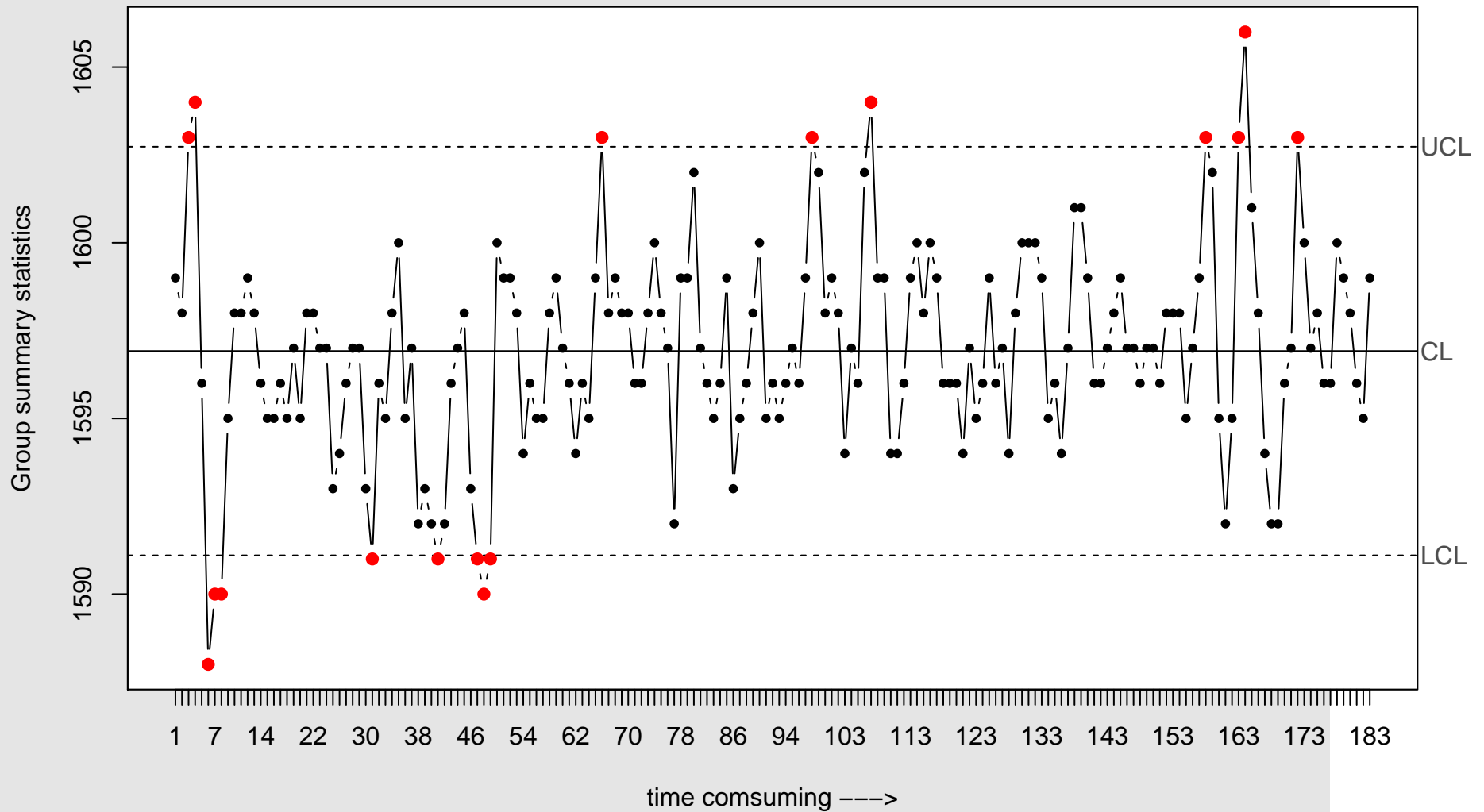
LCL = 1591.351

UCL = 1602.398

Number beyond limits = 15

Number violating runs = 3

## 252th column point of this product



Number of groups = 183

Center = 1596.918

StdDev = 1.938664

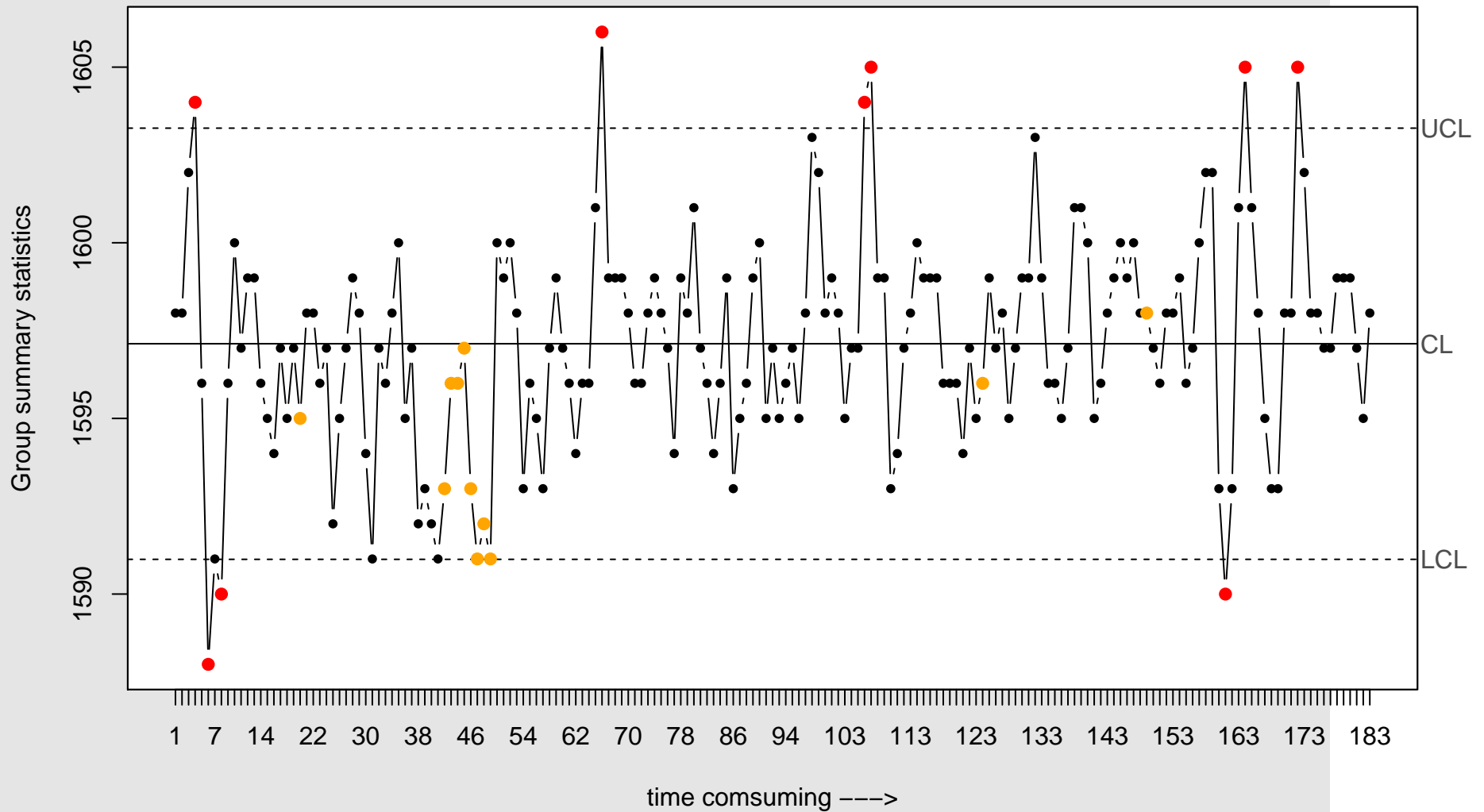
LCL = 1591.102

UCL = 1602.734

Number beyond limits = 17

Number violating runs = 0

## 253th column point of this product



Number of groups = 183

Center = 1597.126

StdDev = 2.045827

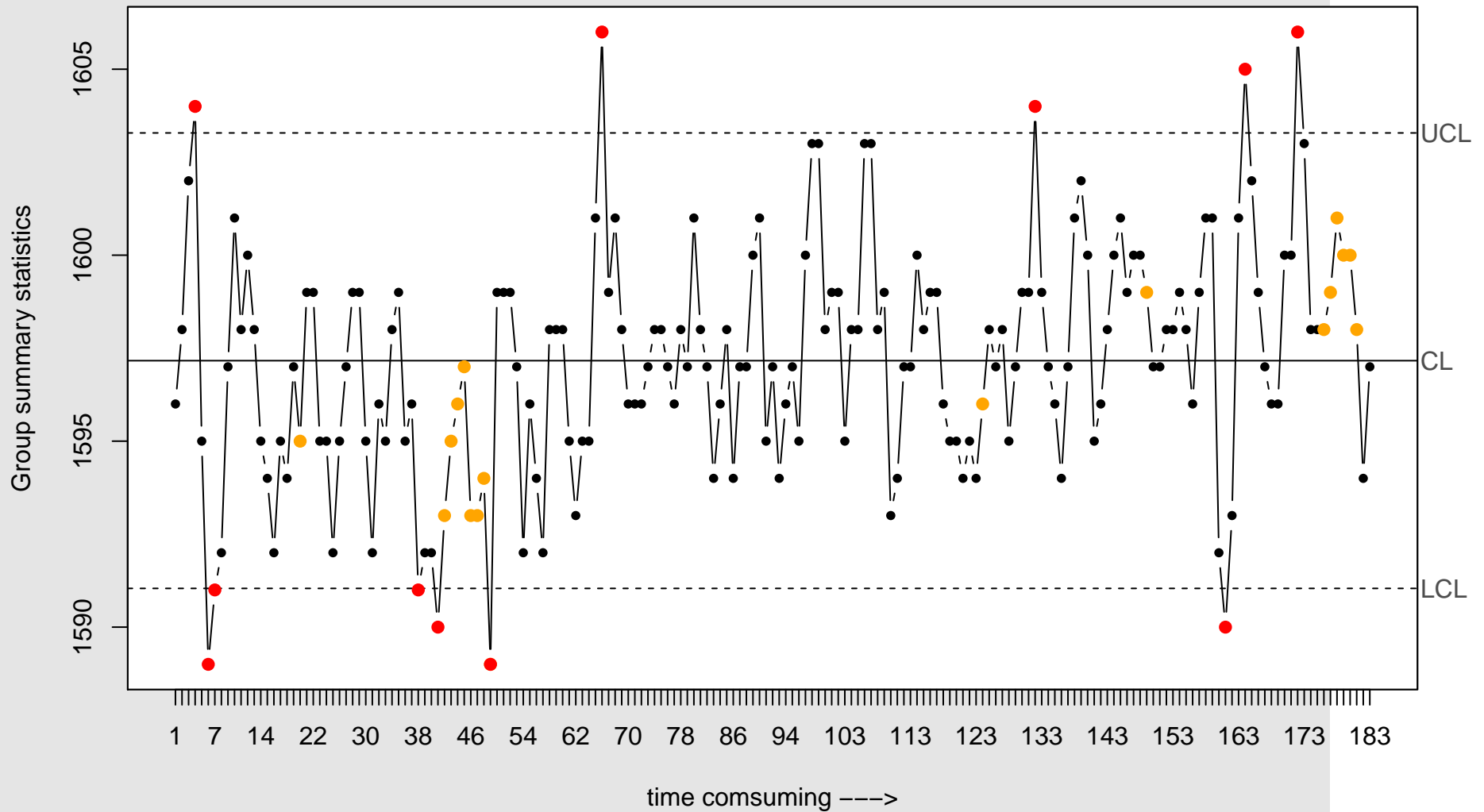
LCL = 1590.988

UCL = 1603.263

Number beyond limits = 9

Number violating runs = 11

# 254th column point of this product



Number of groups = 183

Center = 1597.164

StdDev = 2.040955

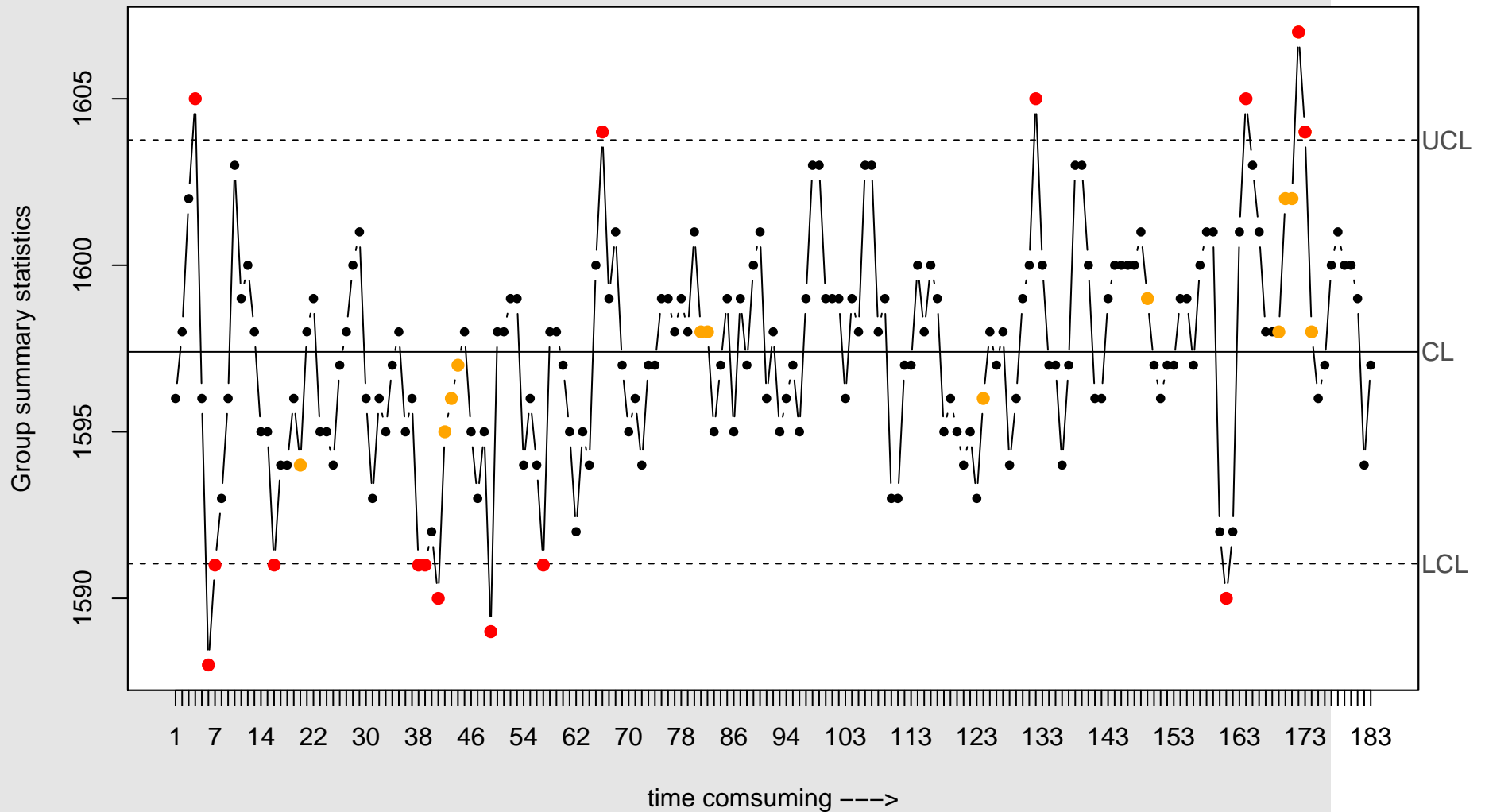
LCL = 1591.041

UCL = 1603.287

Number beyond limits = 11

Number violating runs = 17

## 255th column point of this product



Number of groups = 183

Center = 1597.399

StdDev = 2.118892

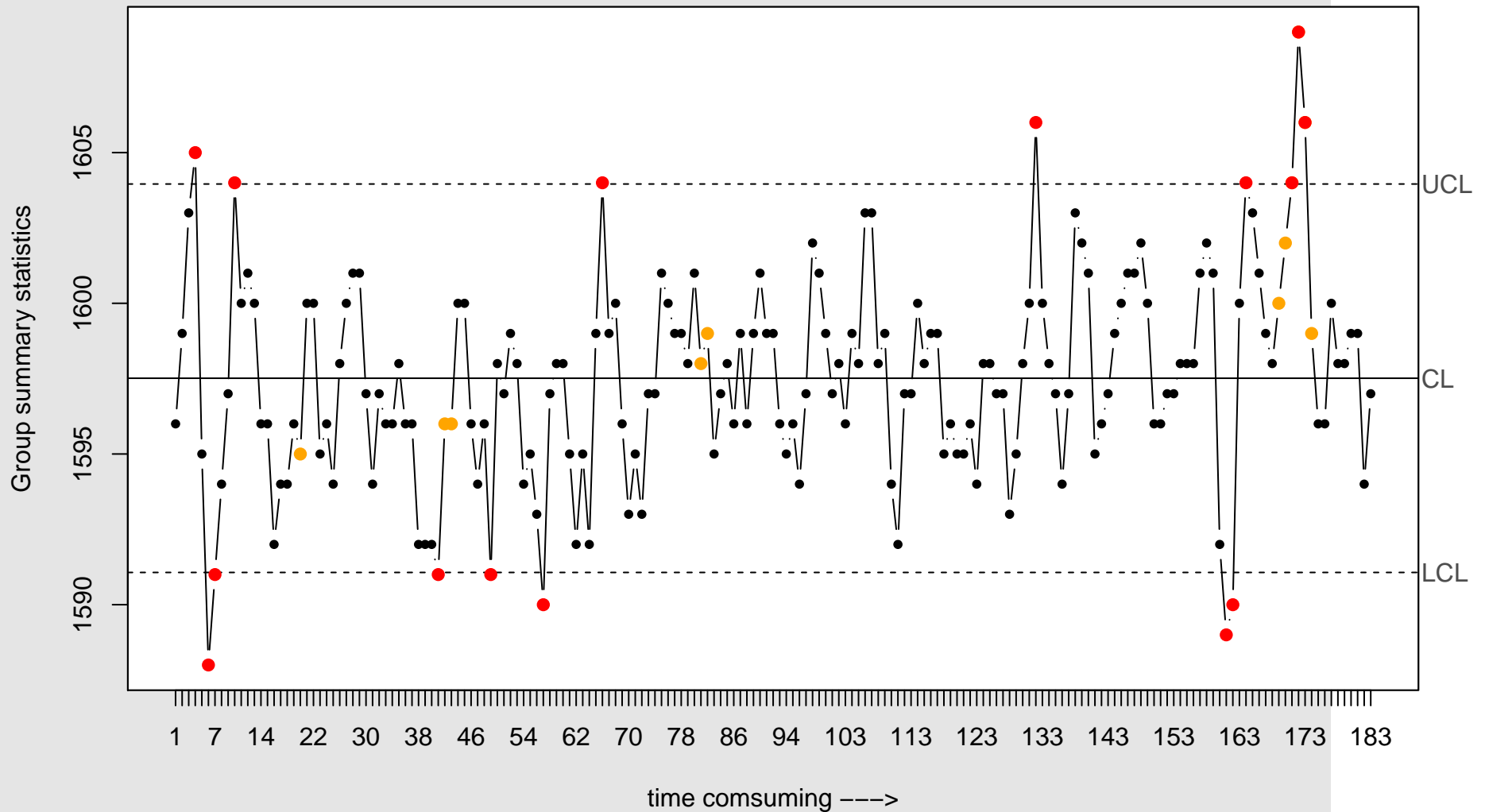
LCL = 1591.042

UCL = 1603.756

Number beyond limits = 15

Number violating runs = 14

## 256th column point of this product



Number of groups = 183

Center = 1597.514

StdDev = 2.148118

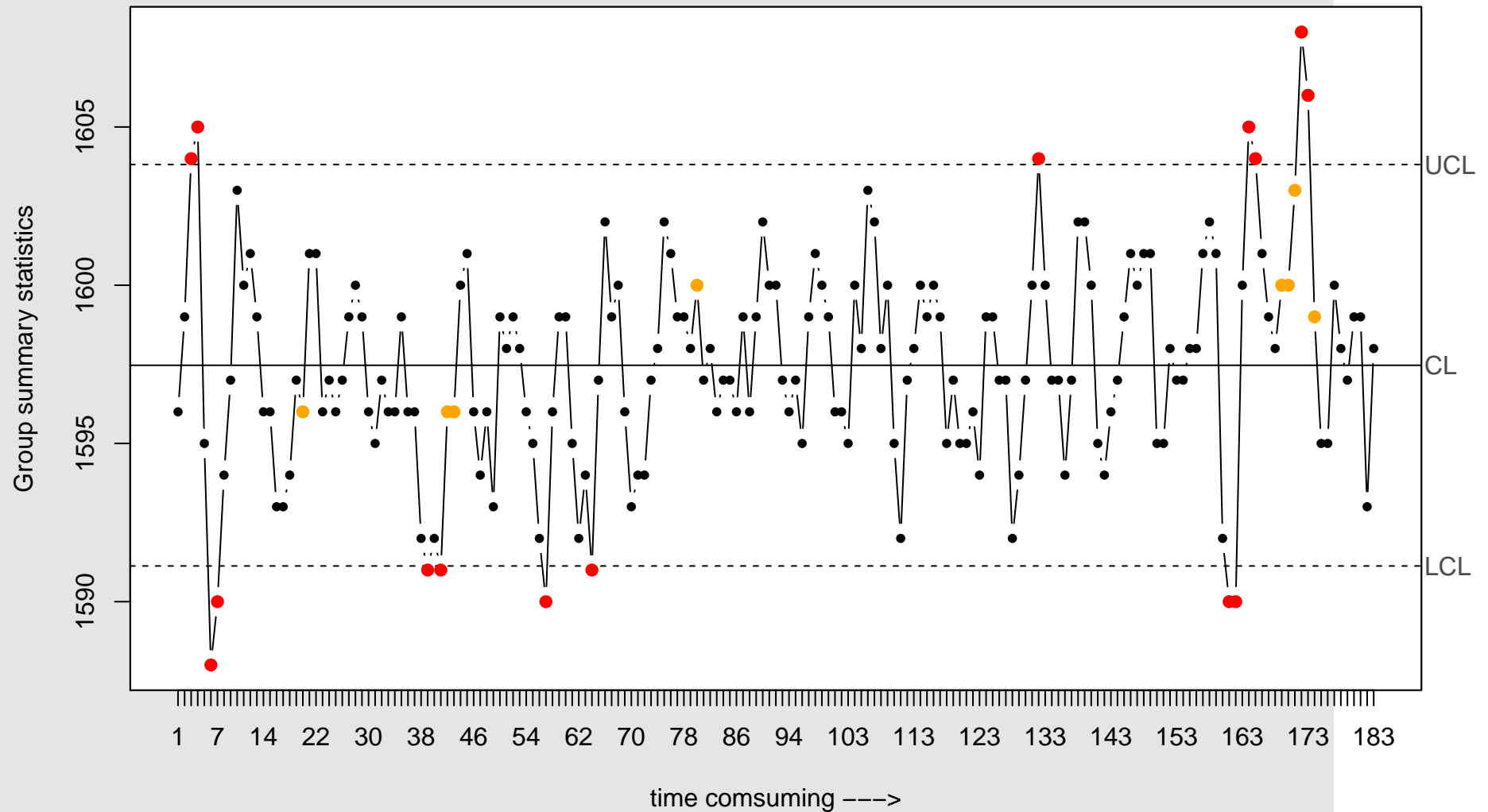
LCL = 1591.069

UCL = 1603.958

Number beyond limits = 15

Number violating runs = 11

### 257th column point of this product



Number of groups = 183

Center = 1597.47

StdDev = 2.114021

LCL = 1591.128

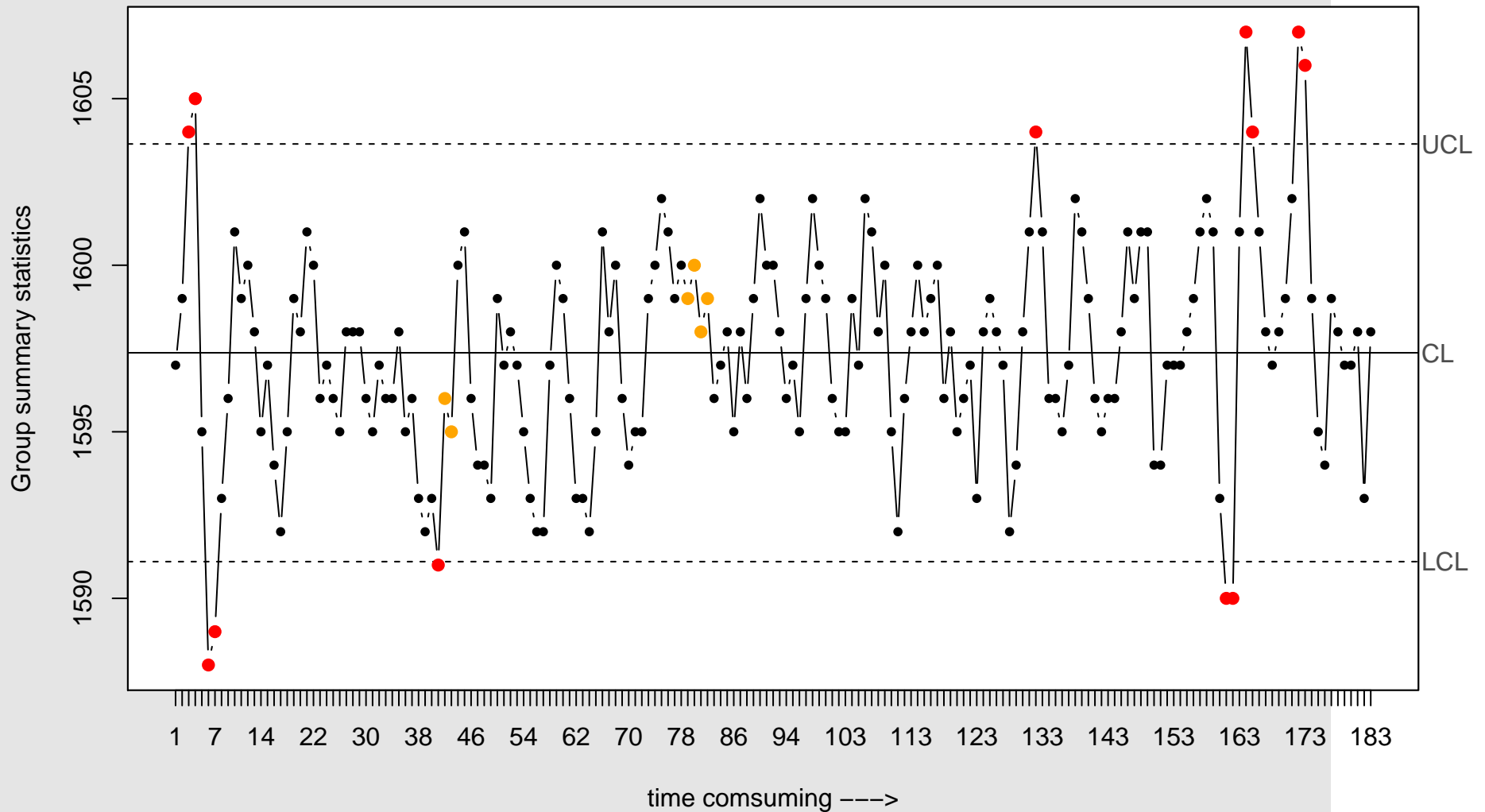
UCL = 1603.812

Number beyond limits = 15

Number violating runs = 10



## 258th column point of this product



Number of groups = 183

Center = 1597.372

StdDev = 2.089666

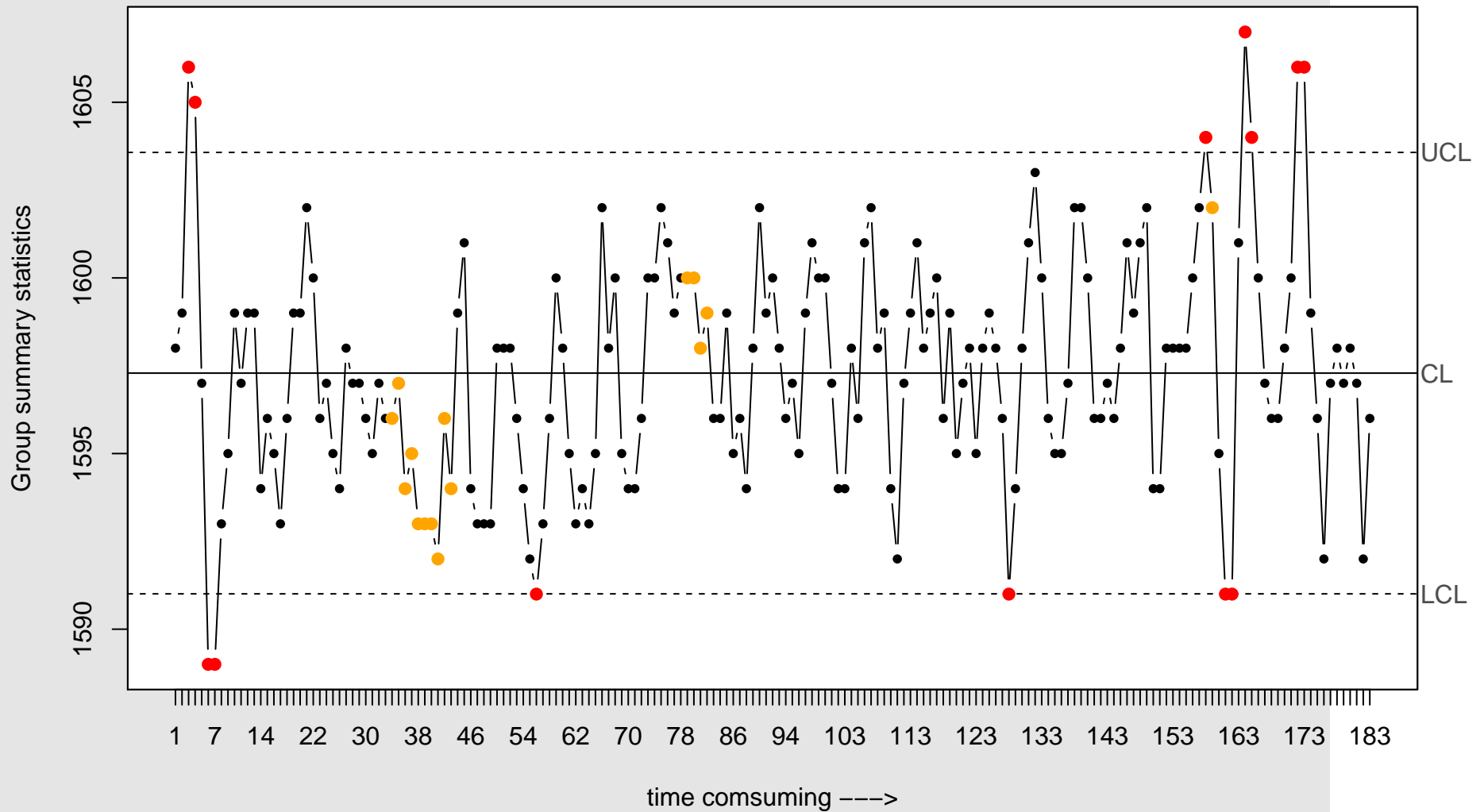
LCL = 1591.103

UCL = 1603.641

Number beyond limits = 12

Number violating runs = 6

## 259th column point of this product



Number of groups = 183

Center = 1597.29

StdDev = 2.094537

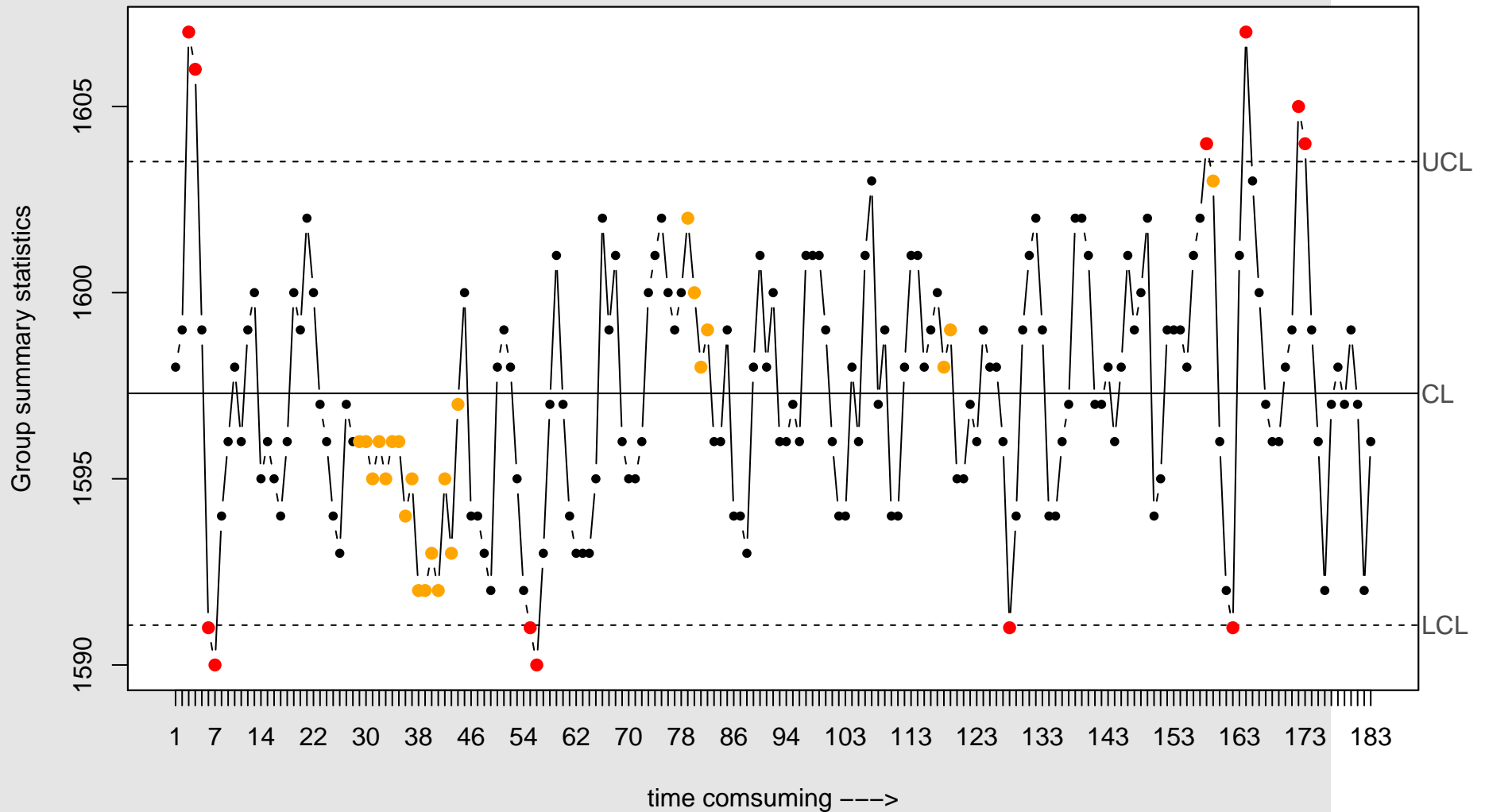
LCL = 1591.006

UCL = 1603.573

Number beyond limits = 13

Number violating runs = 16

## 260th column point of this product



Number of groups = 183

Center = 1597.295

StdDev = 2.075053

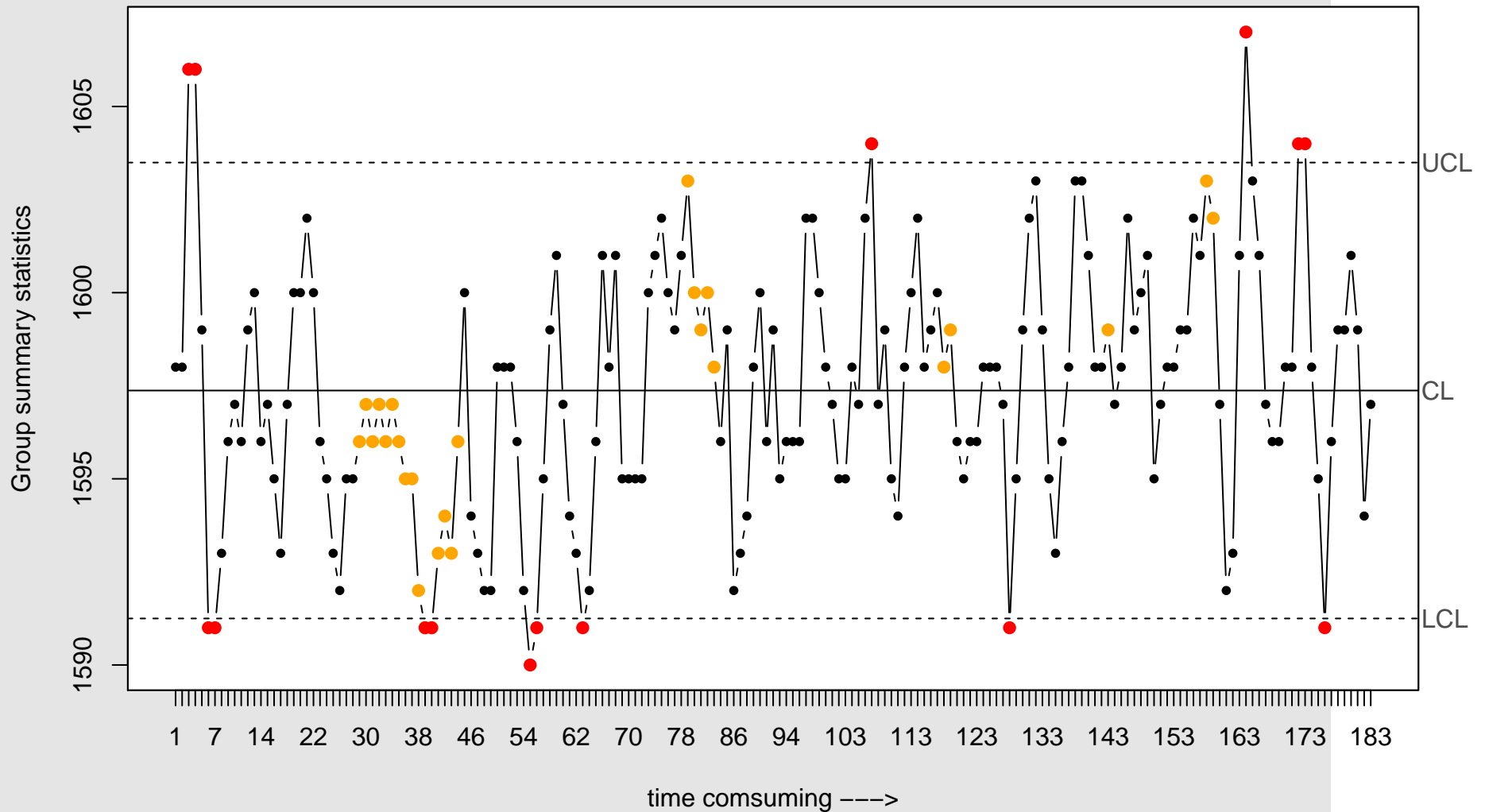
LCL = 1591.07

UCL = 1603.52

Number beyond limits = 12

Number violating runs = 24

## 261th column point of this product



Number of groups = 183

Center = 1597.372

StdDev = 2.040955

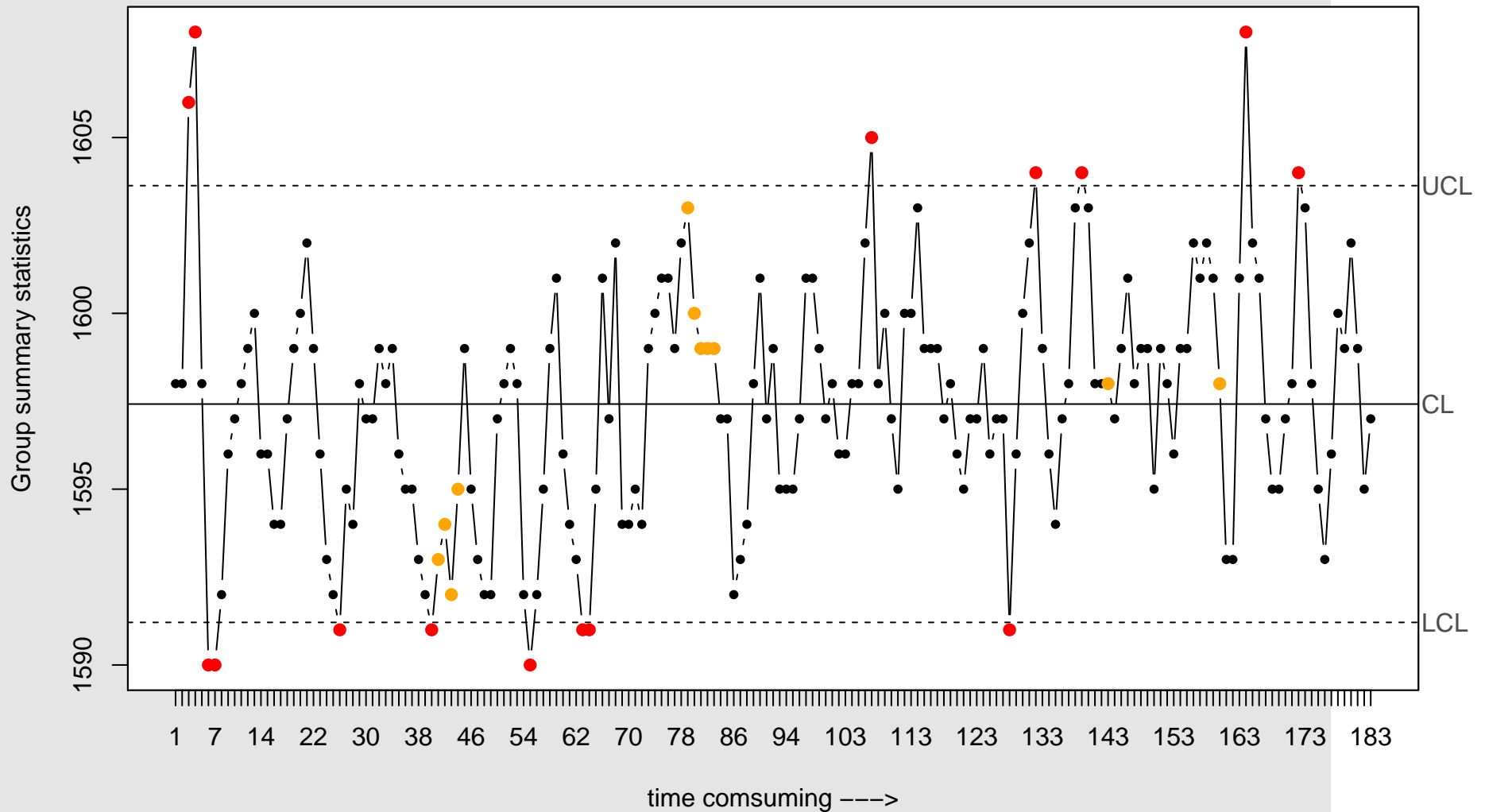
LCL = 1591.249

UCL = 1603.494

Number beyond limits = 15

Number violating runs = 26

## 262th column point of this product



Number of groups = 183

Center = 1597.421

StdDev = 2.070182

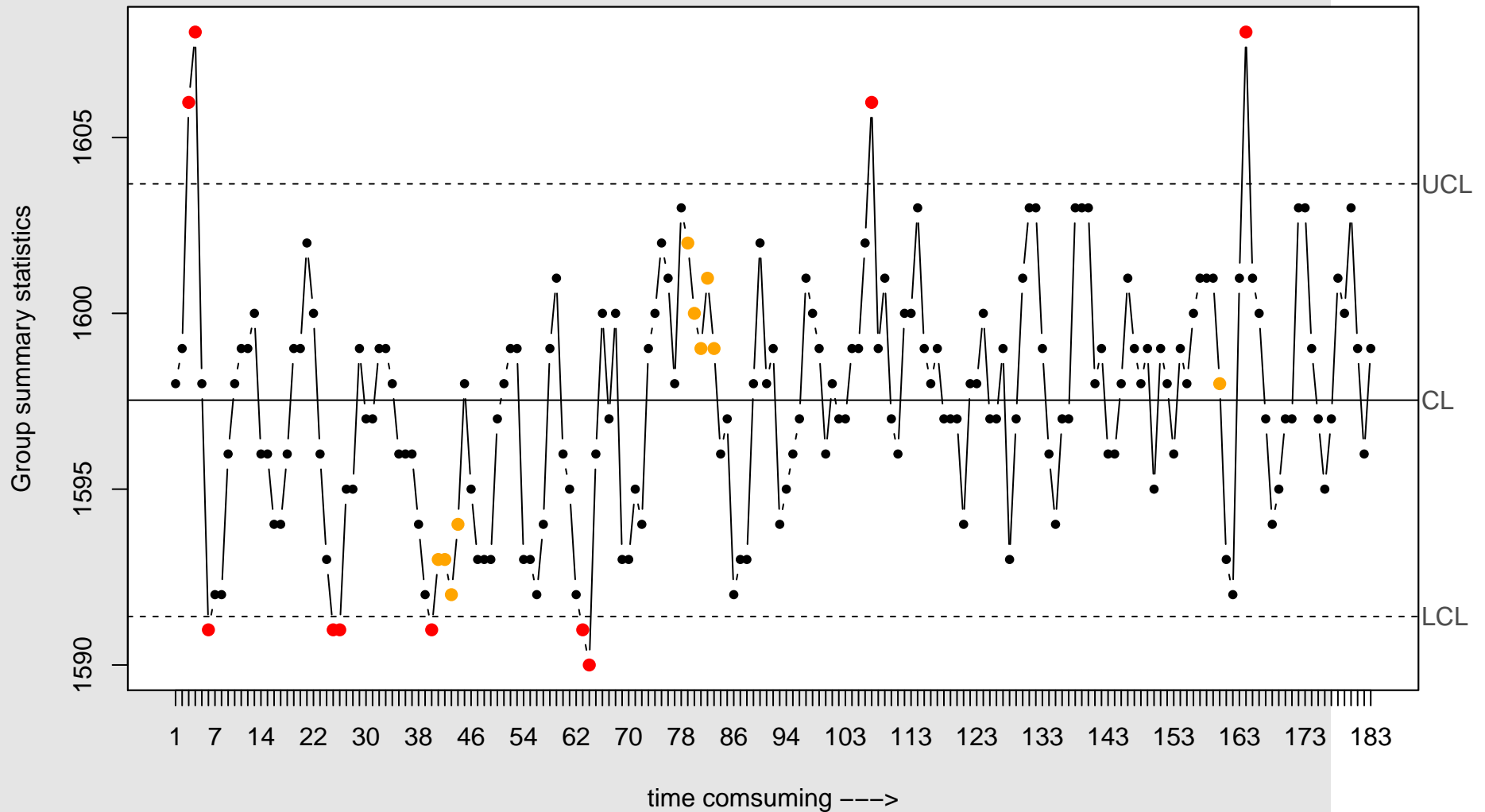
LCL = 1591.21

UCL = 1603.631

Number beyond limits = 15

Number violating runs = 11

## 263th column point of this product



Number of groups = 183

Center = 1597.53

StdDev = 2.050698

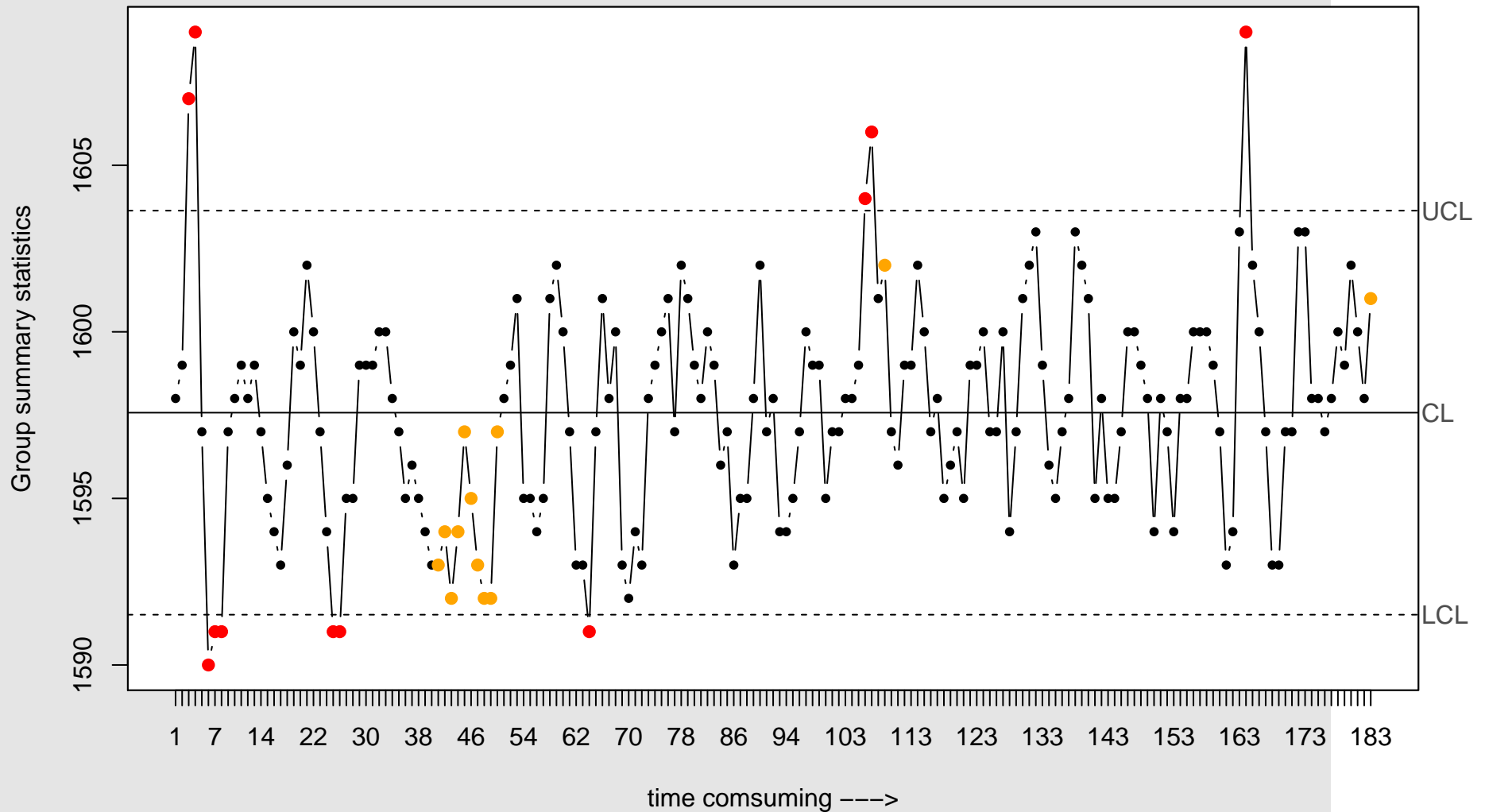
LCL = 1591.378

UCL = 1603.682

Number beyond limits = 10

Number violating runs = 10

## 264th column point of this product



Number of groups = 183

Center = 1597.574

StdDev = 2.021471

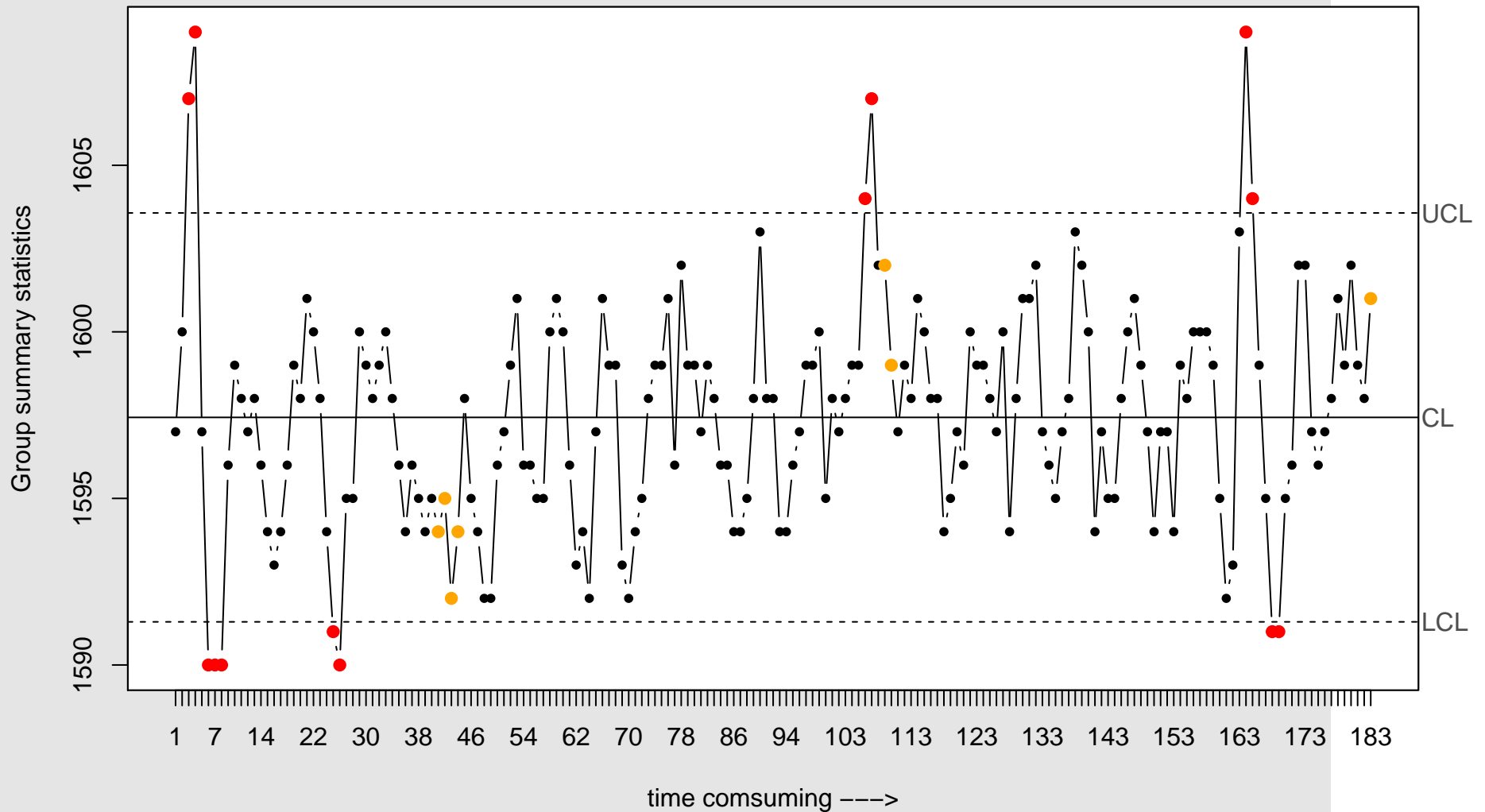
LCL = 1591.509

UCL = 1603.638

Number beyond limits = 11

Number violating runs = 12

## 265th column point of this product



Number of groups = 183

Center = 1597.432

StdDev = 2.045827

LCL = 1591.294

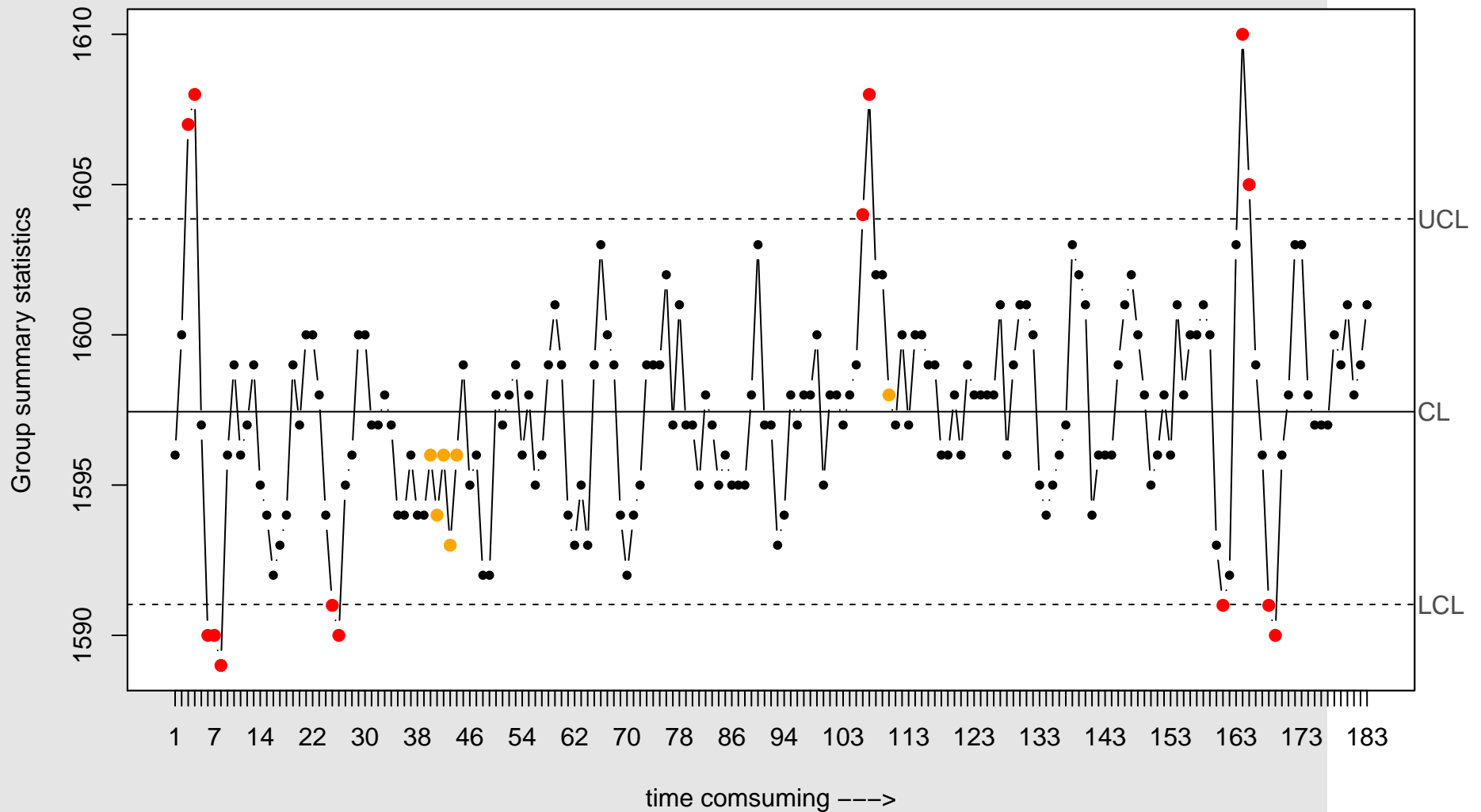
UCL = 1603.569

Number beyond limits = 13

Number violating runs = 7



## 266th column point of this product



Number of groups = 183

Center = 1597.443

StdDev = 2.138376

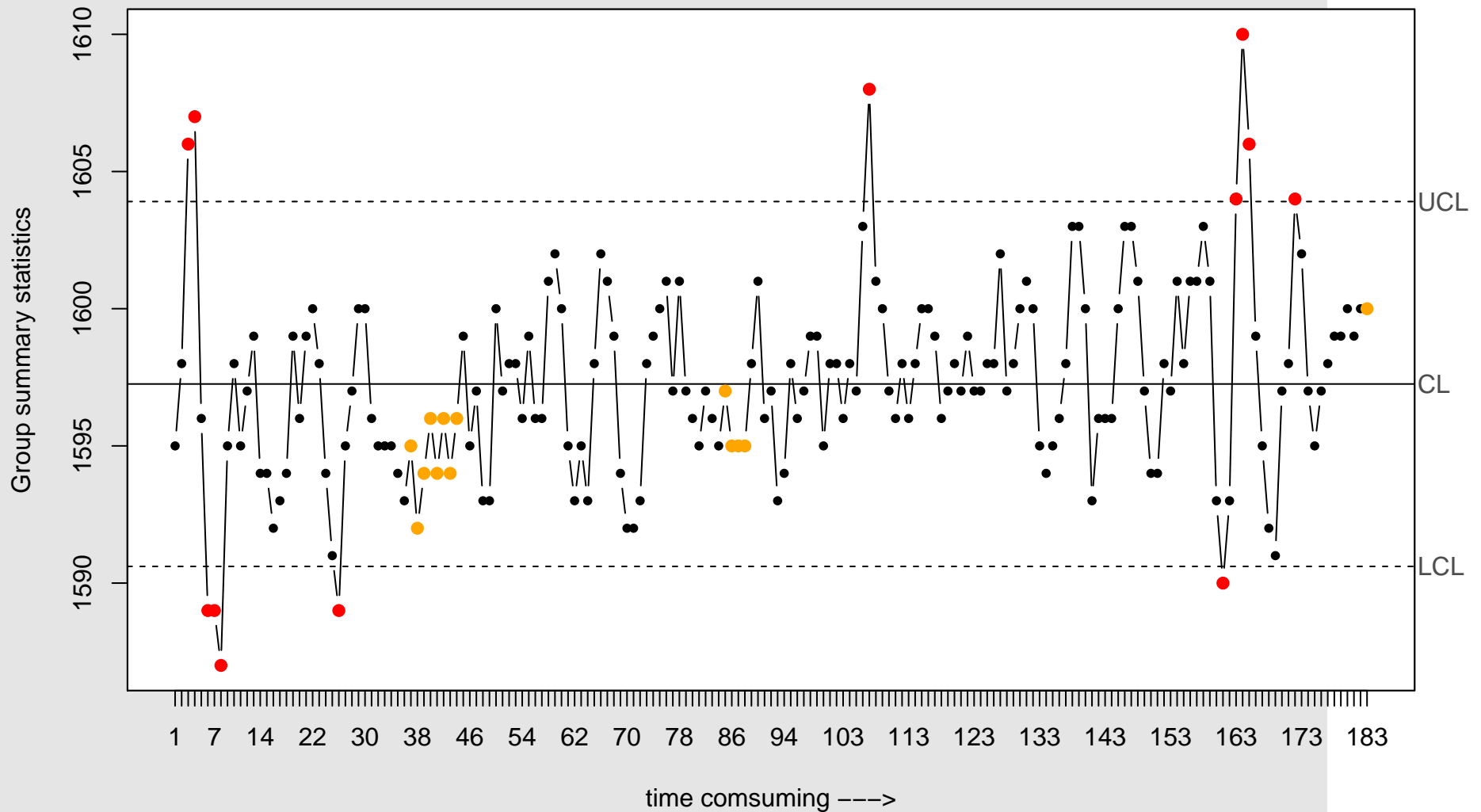
LCL = 1591.027

UCL = 1603.858

Number beyond limits = 14

Number violating runs = 6

## 267th column point of this product



Number of groups = 183

Center = 1597.257

StdDev = 2.216312

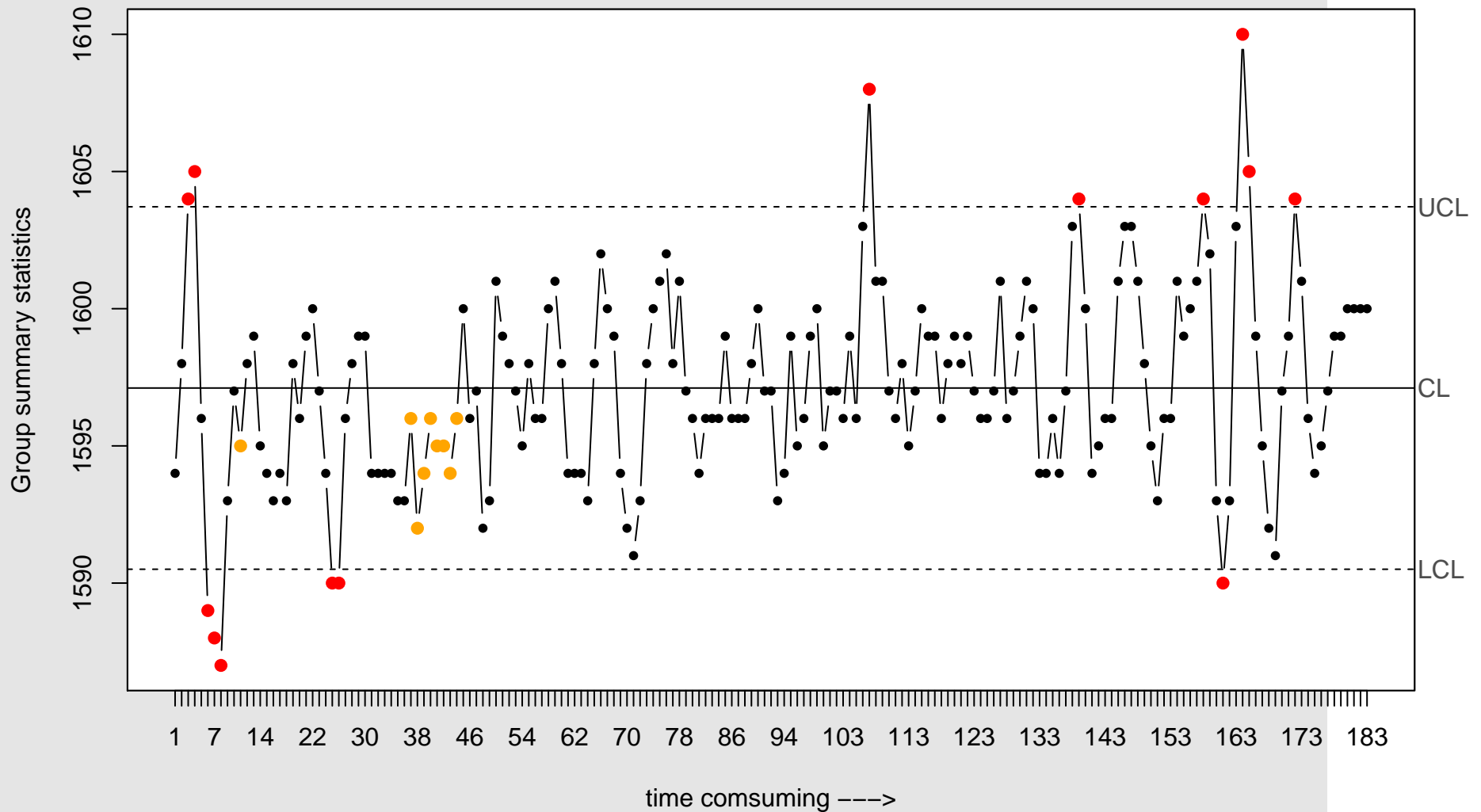
LCL = 1590.608

UCL = 1603.906

Number beyond limits = 12

Number violating runs = 13

## 268th column point of this product

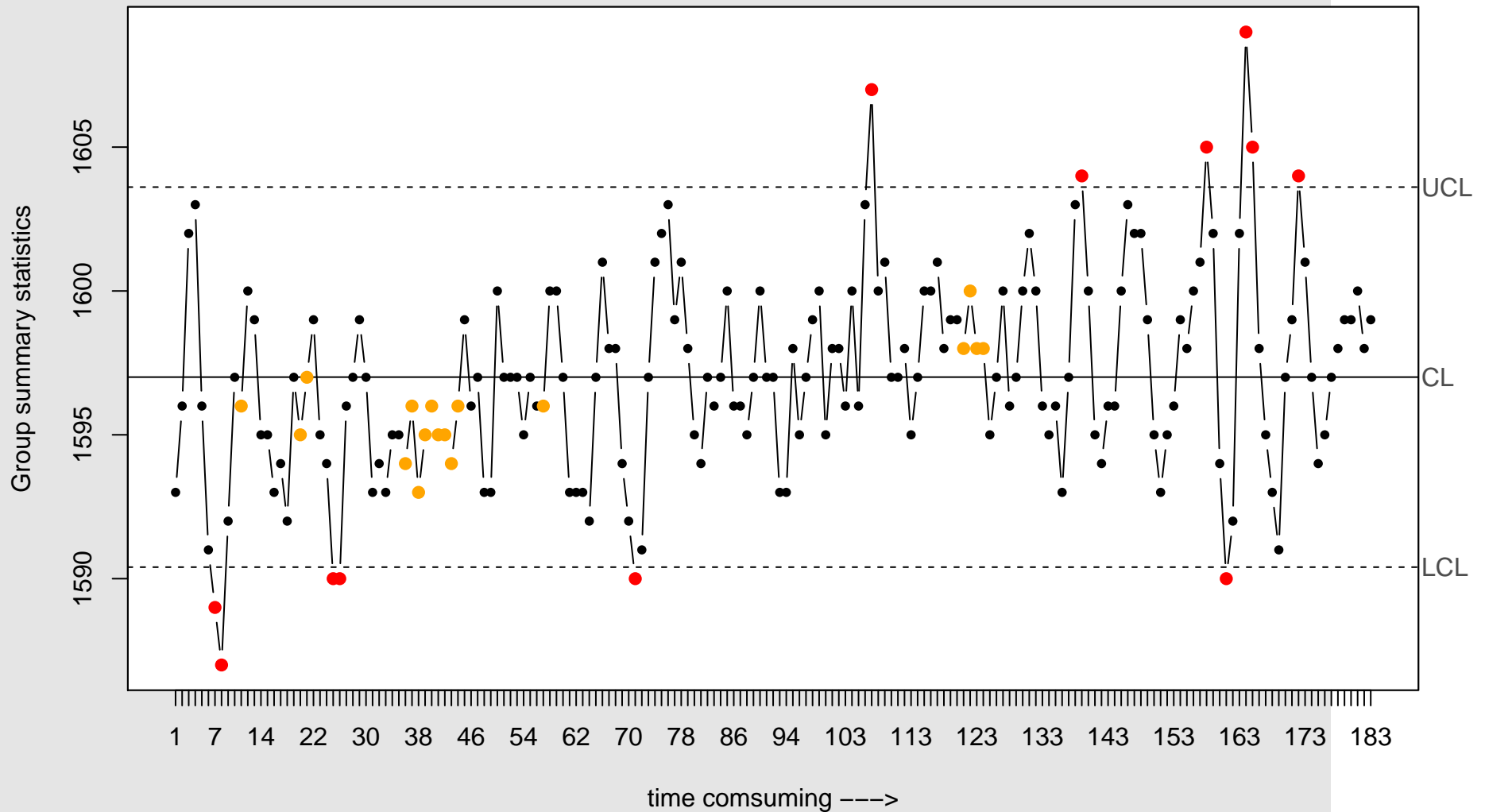


Number of groups = 183  
 Center = 1597.109  
 StdDev = 2.201699

LCL = 1590.504  
 UCL = 1603.714

Number beyond limits = 14  
 Number violating runs = 9

## 269th column point of this product



Number of groups = 183

Center = 1597.005

StdDev = 2.201699

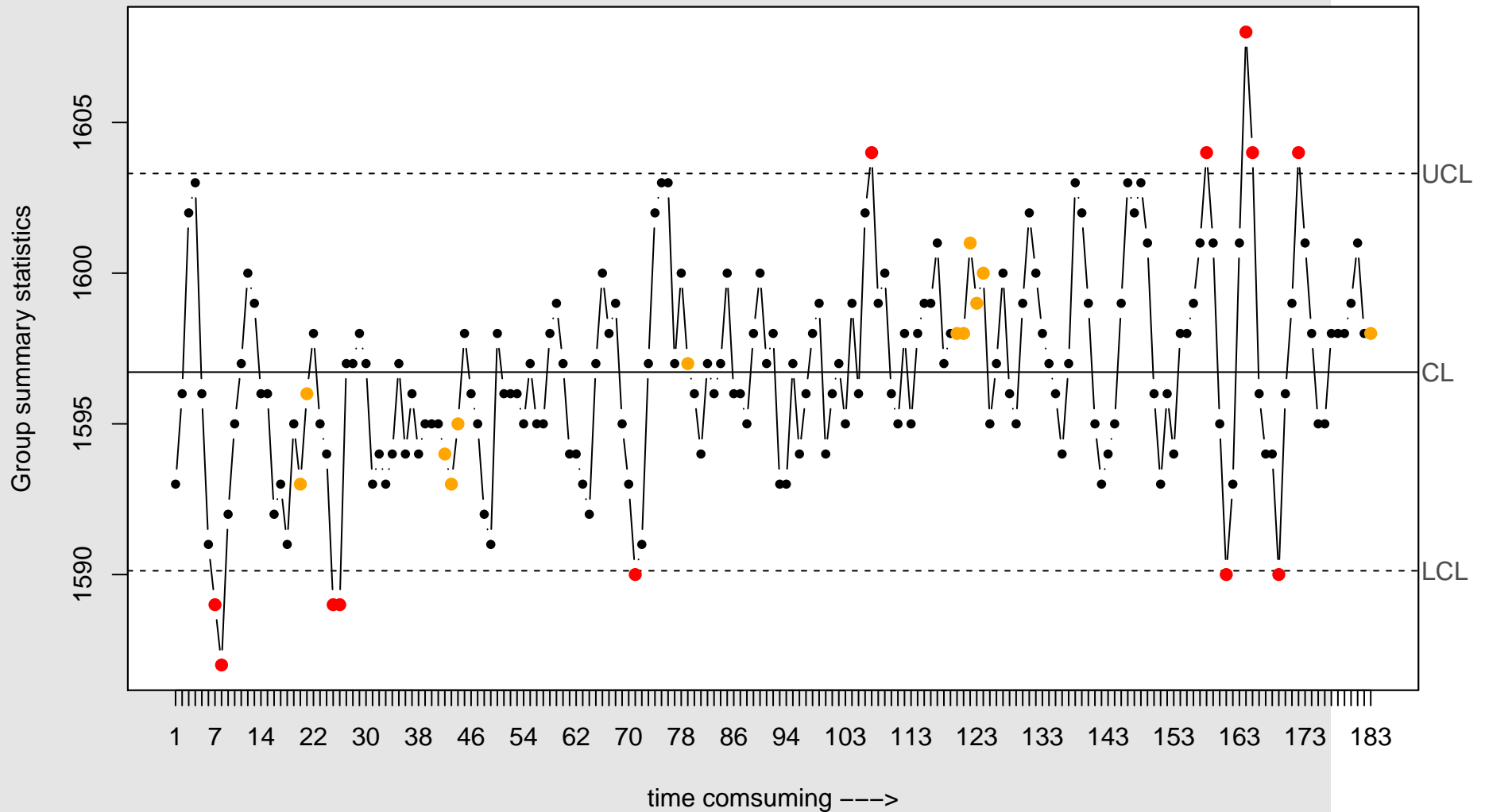
LCL = 1590.4

UCL = 1603.611

Number beyond limits = 12

Number violating runs = 17

## 270th column point of this product



Number of groups = 183

Center = 1596.716

StdDev = 2.196828

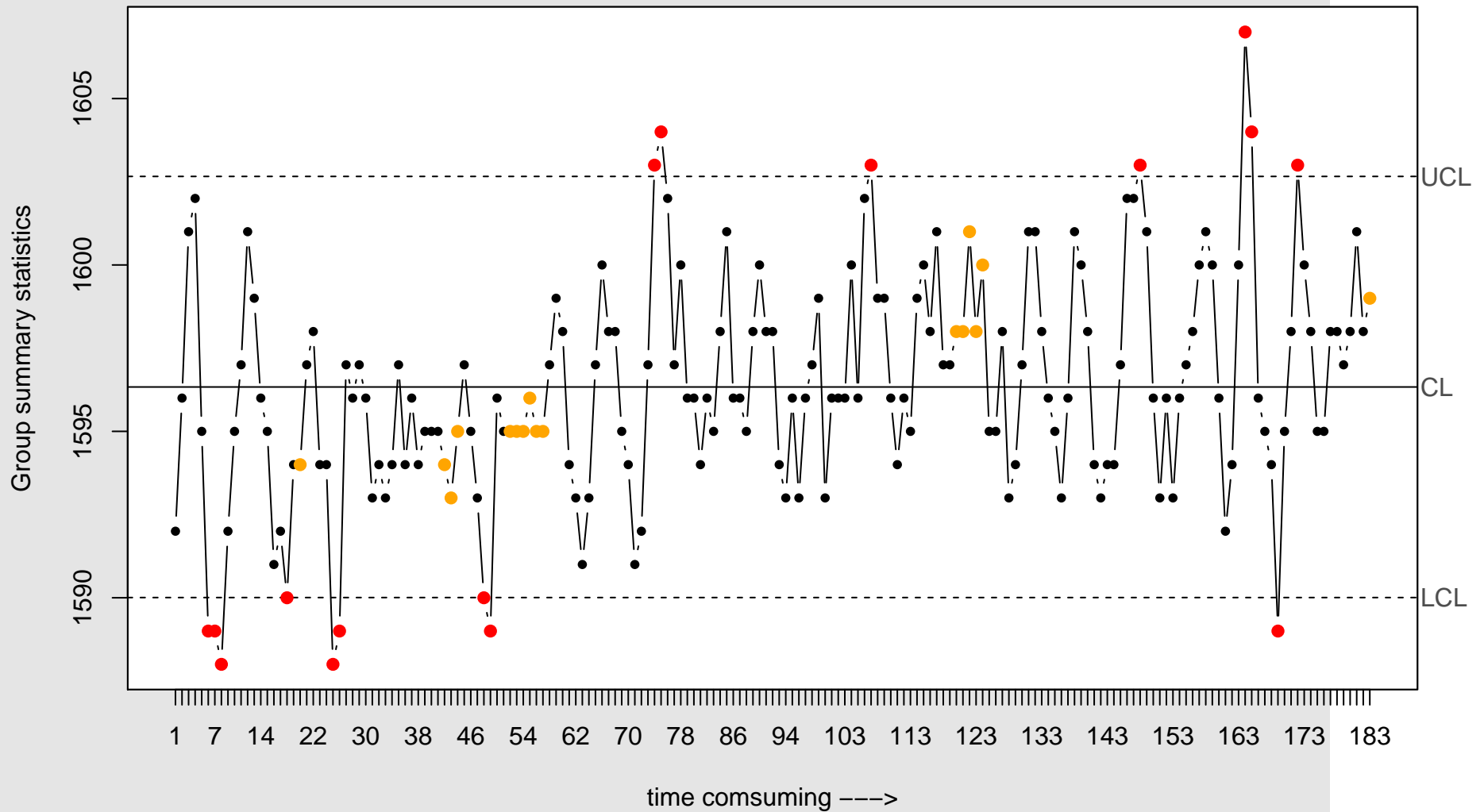
LCL = 1590.125

UCL = 1603.306

Number beyond limits = 12

Number violating runs = 12

## 271th column point of this product



Number of groups = 183

Center = 1596.333

StdDev = 2.10915

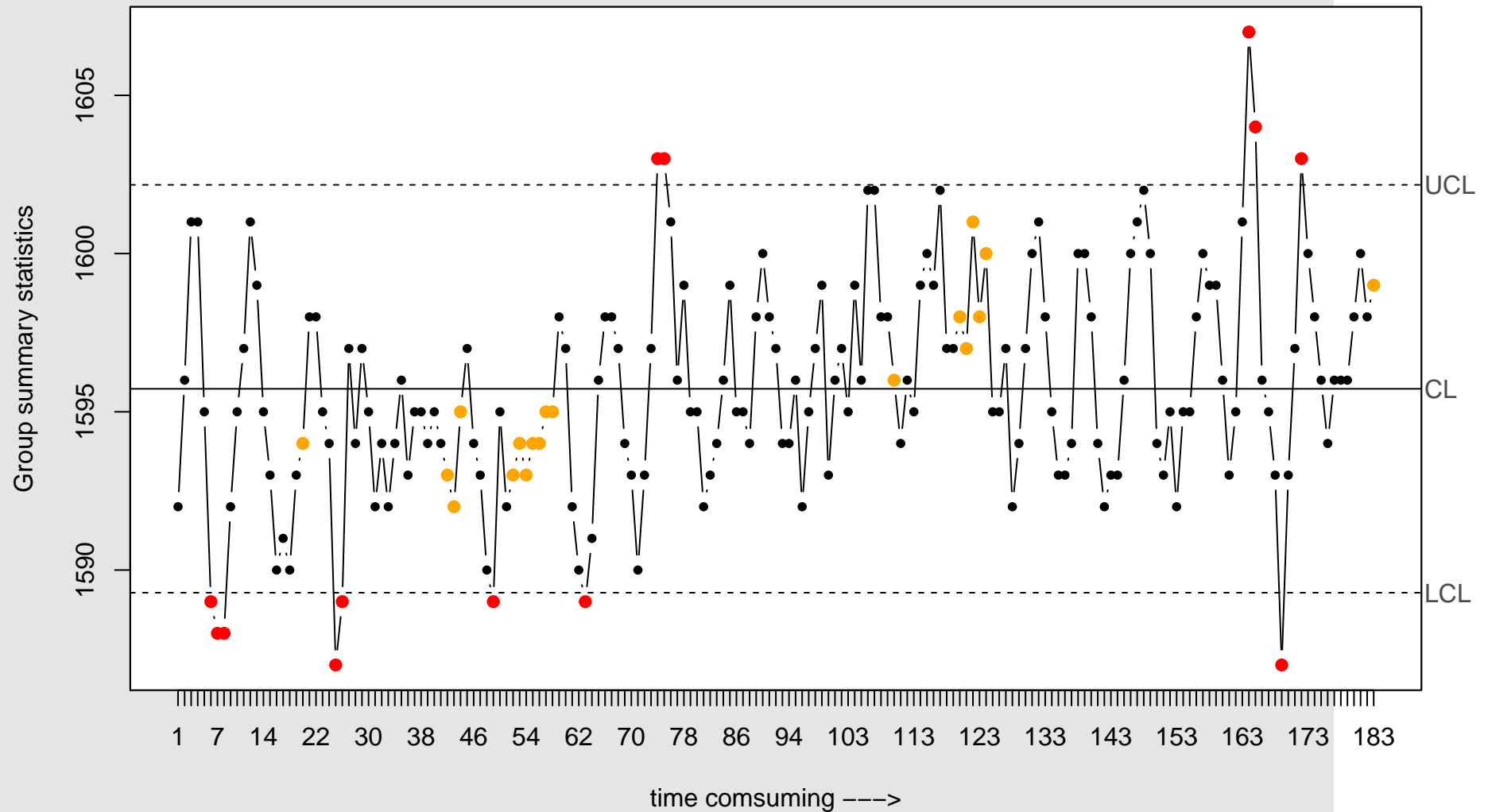
LCL = 1590.006

UCL = 1602.661

Number beyond limits = 16

Number violating runs = 16

## 272th column point of this product



Number of groups = 183

Center = 1595.727

StdDev = 2.148118

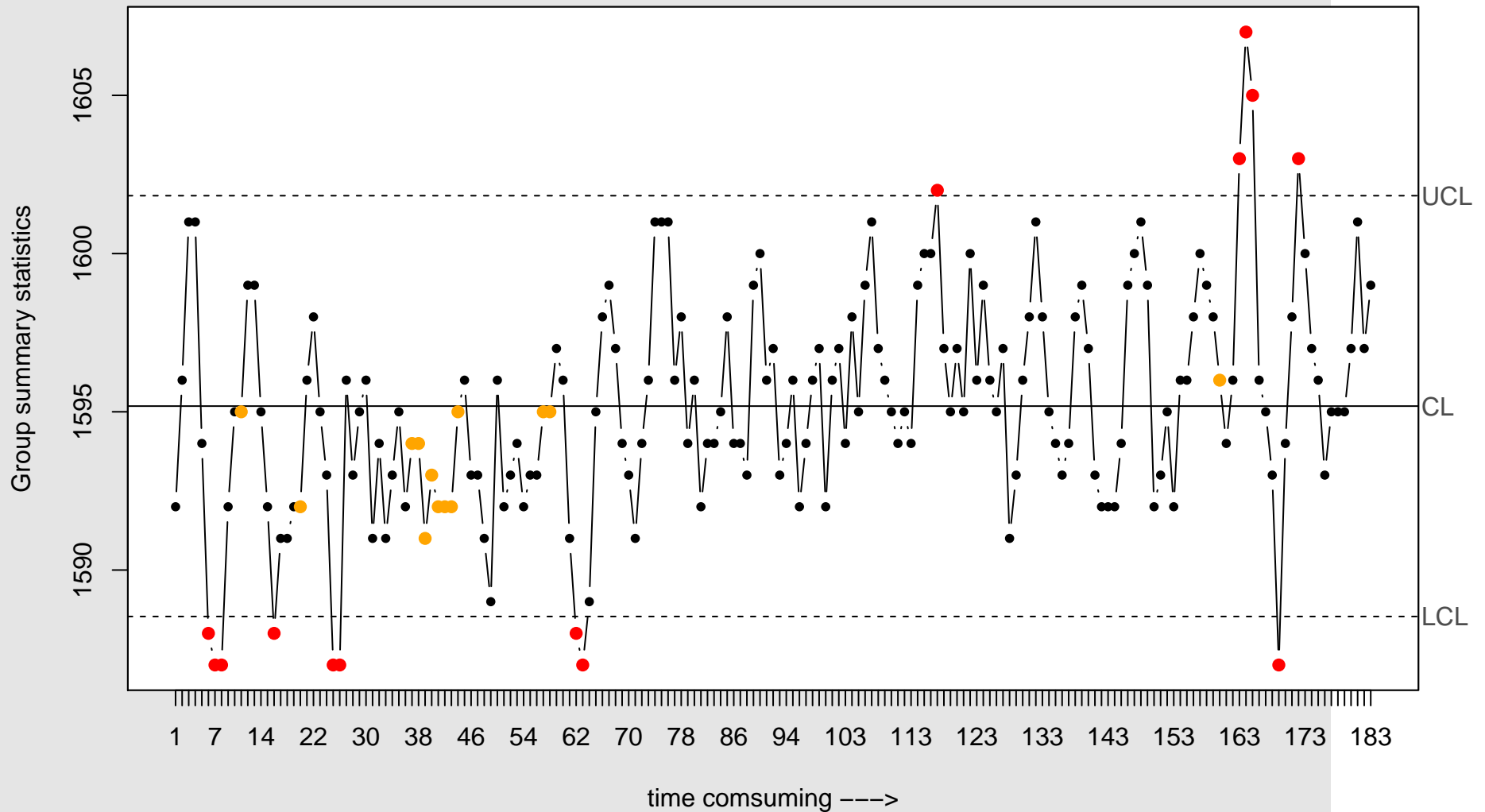
LCL = 1589.282

UCL = 1602.171

Number beyond limits = 13

Number violating runs = 18

## 273th column point of this product



Number of groups = 183

Center = 1595.18

StdDev = 2.216312

LCL = 1588.531

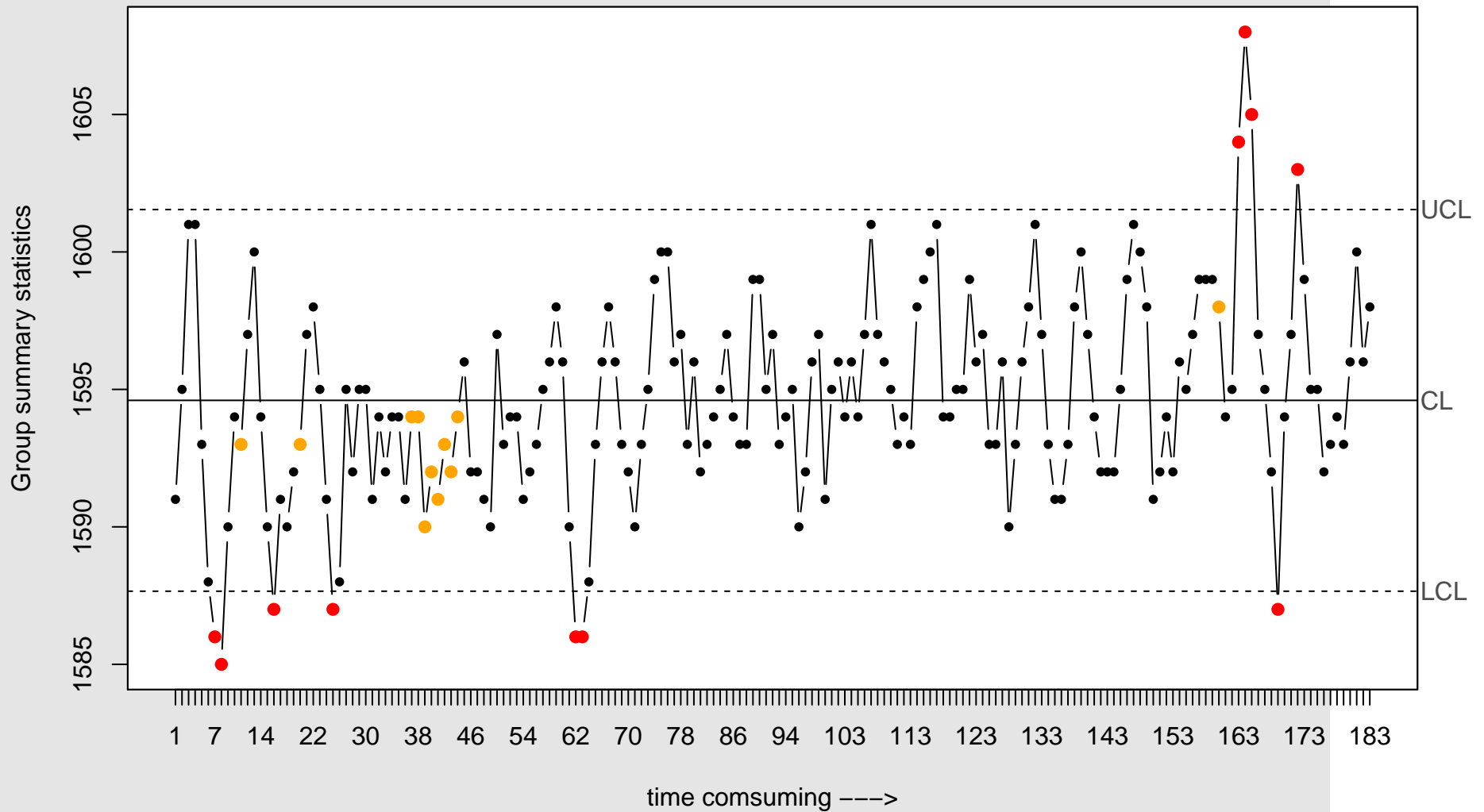
UCL = 1601.829

Number beyond limits = 14

Number violating runs = 13



## 274th column point of this product



Number of groups = 183

Center = 1594.601

StdDev = 2.313732

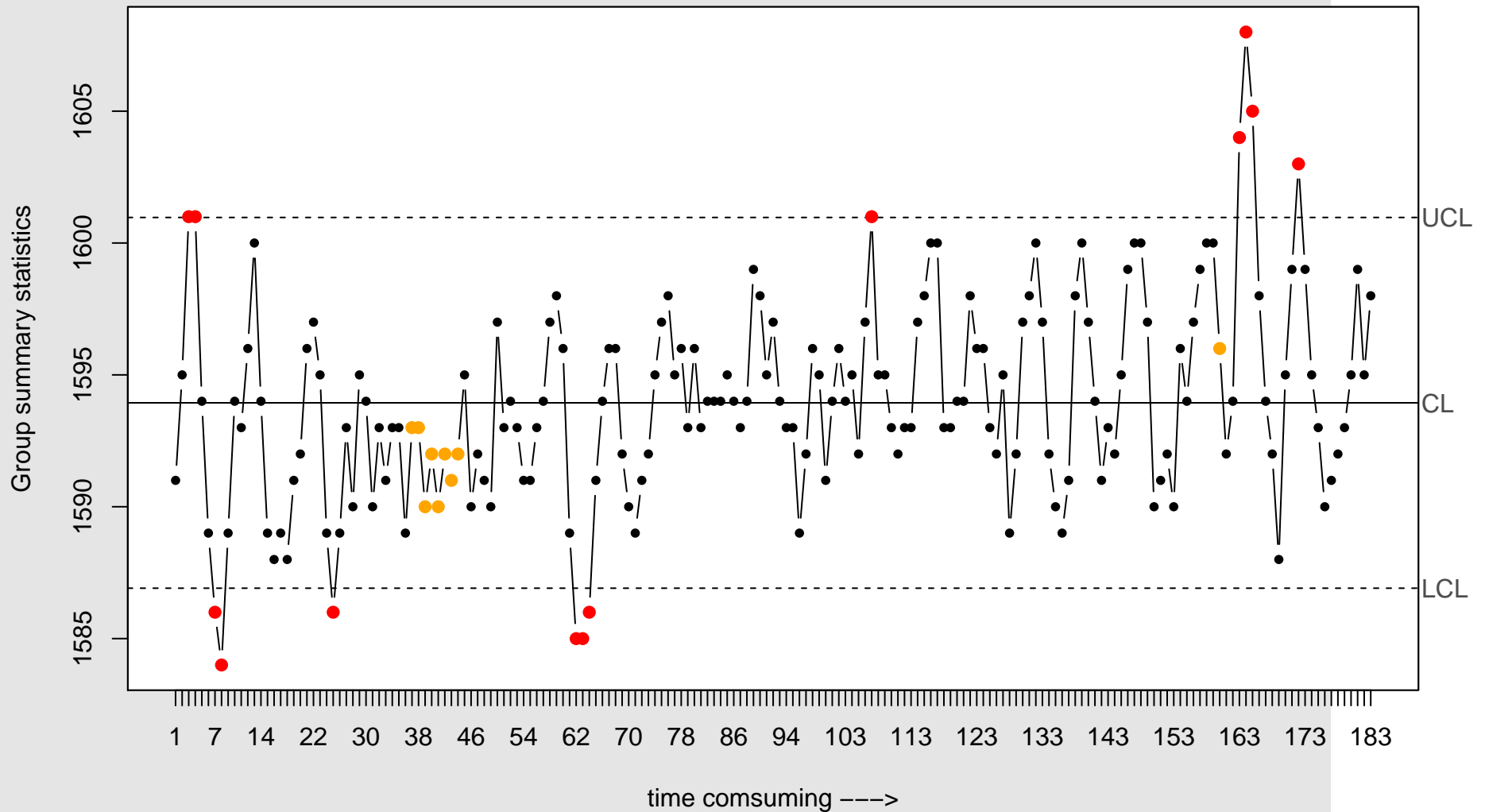
LCL = 1587.66

UCL = 1601.542

Number beyond limits = 11

Number violating runs = 11

## 275th column point of this product



Number of groups = 183

Center = 1593.94

StdDev = 2.342958

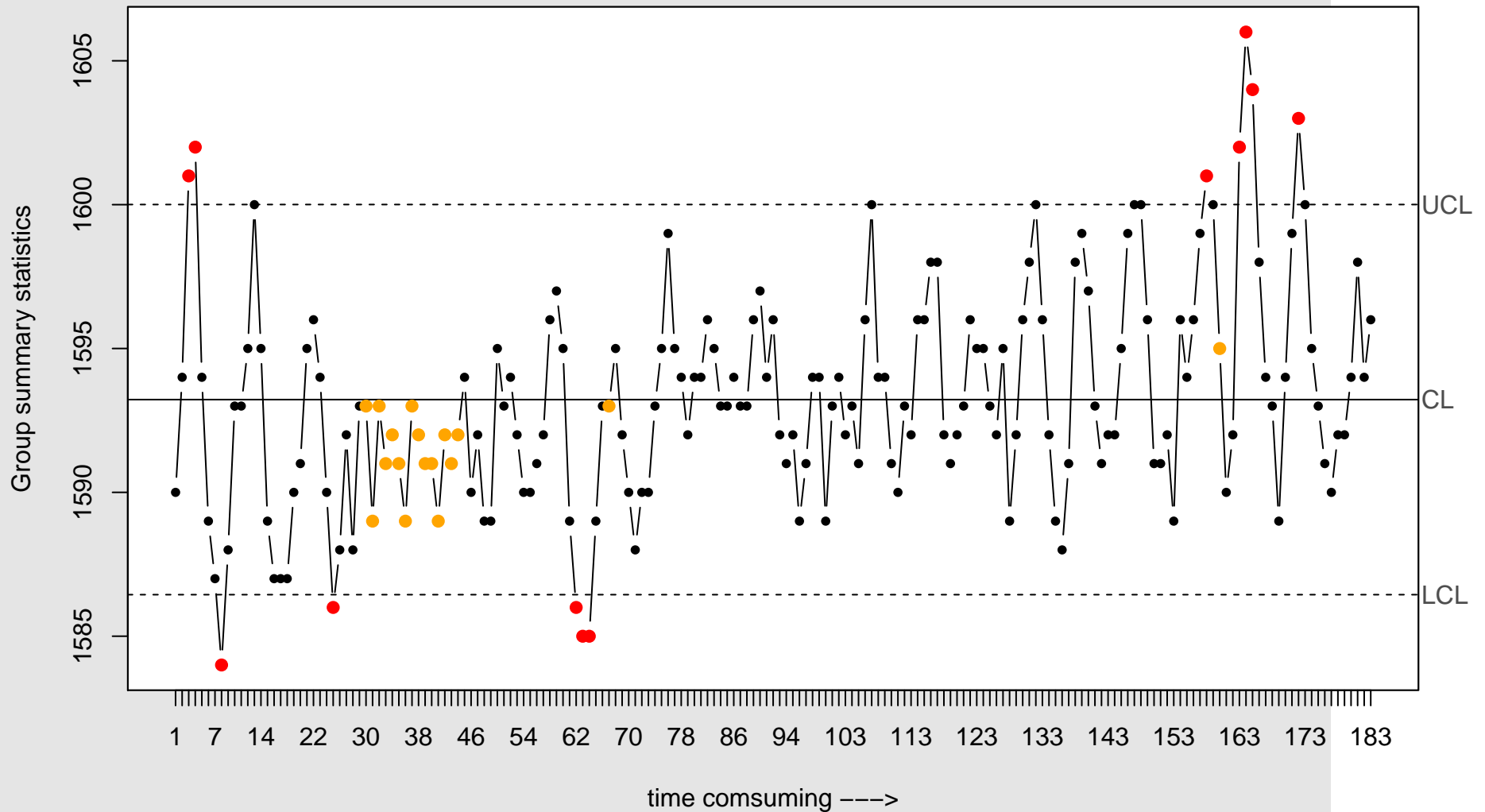
LCL = 1586.911

UCL = 1600.969

Number beyond limits = 13

Number violating runs = 9

## 276th column point of this product



Number of groups = 183

Center = 1593.224

StdDev = 2.260151

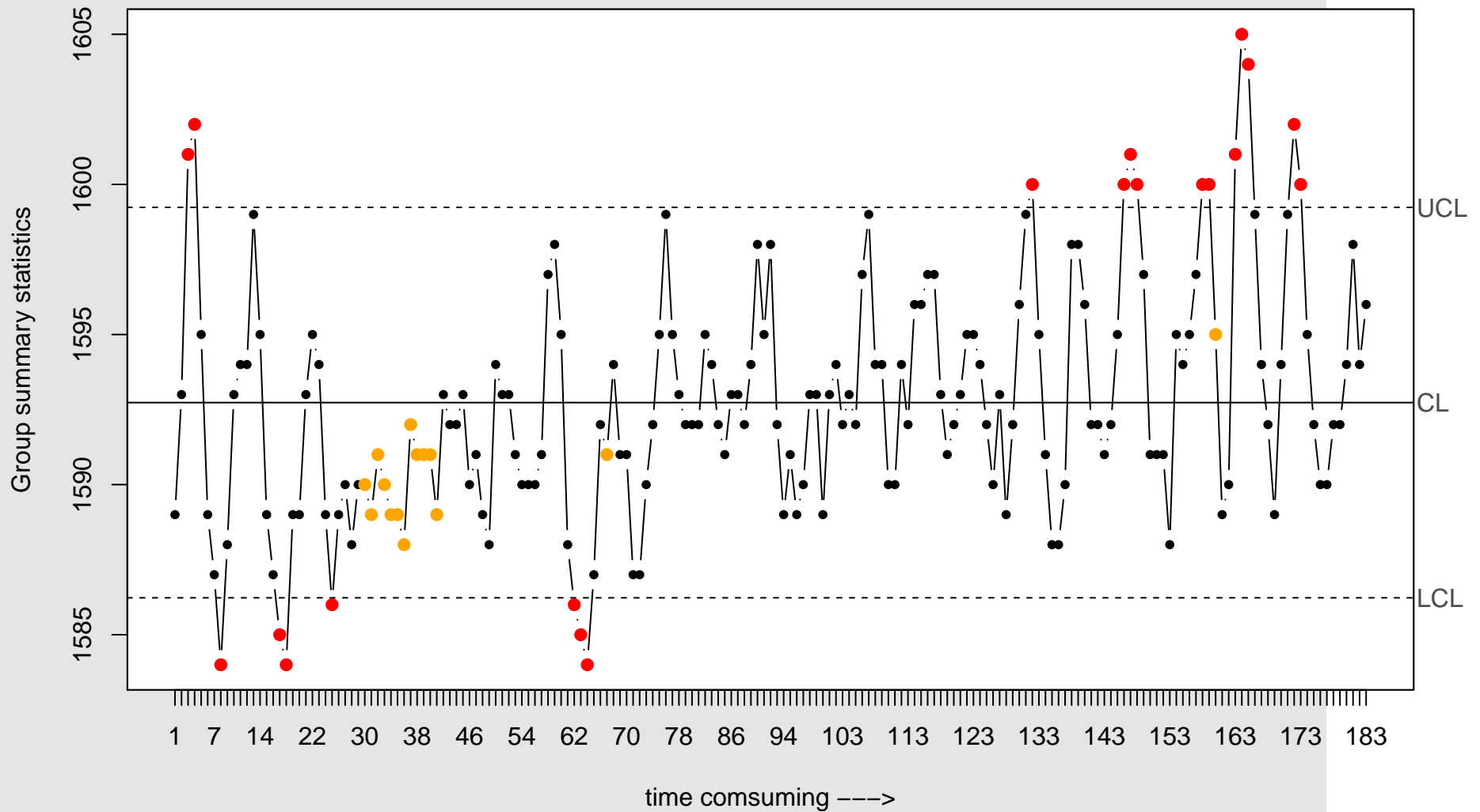
LCL = 1586.444

UCL = 1600.004

Number beyond limits = 12

Number violating runs = 17

### 277th column point of this product



Number of groups = 183

Center = 1592.732

StdDev = 2.167602

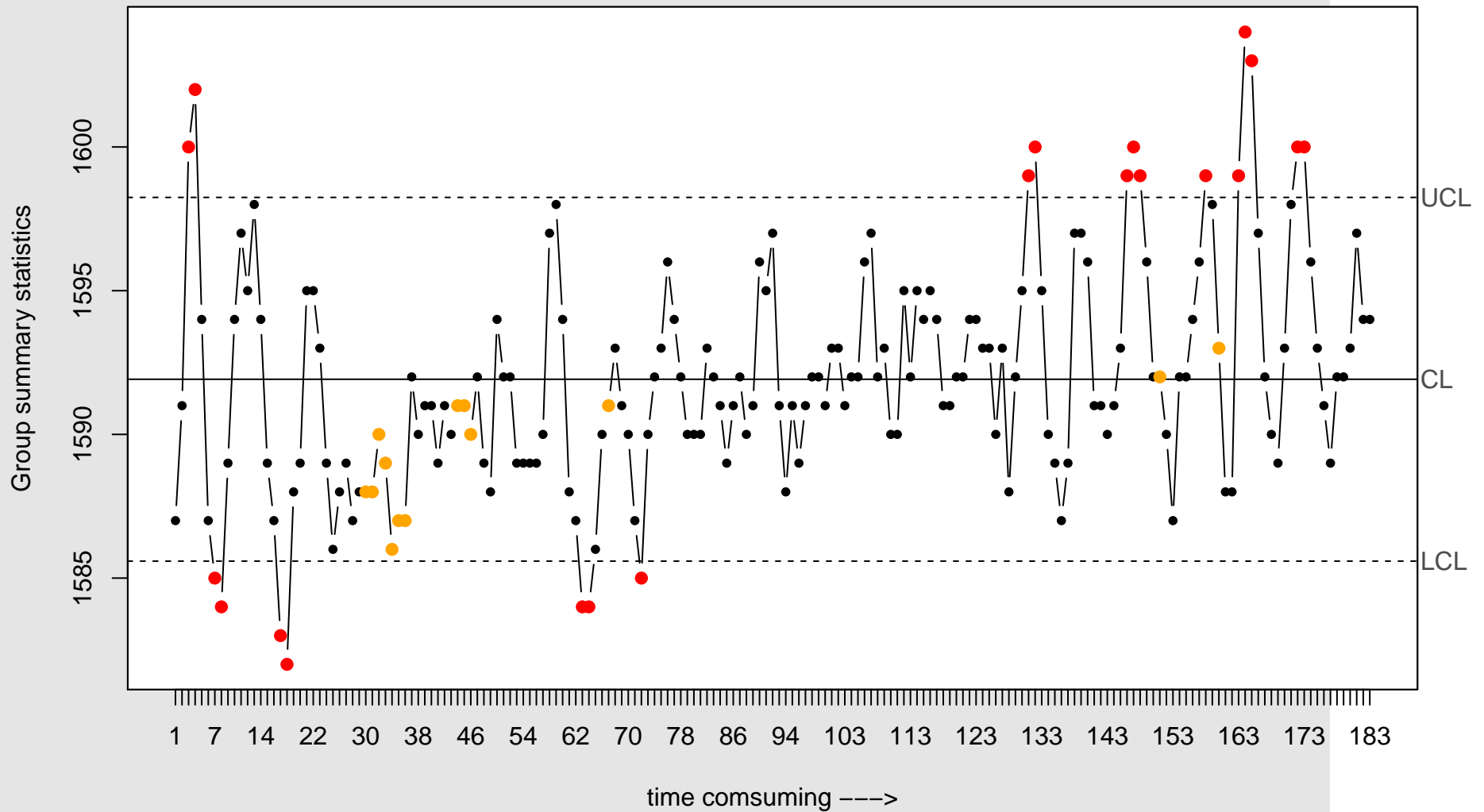
LCL = 1586.229

UCL = 1599.235

Number beyond limits = 20

Number violating runs = 14

## 278th column point of this product



Number of groups = 183

Center = 1591.918

StdDev = 2.10915

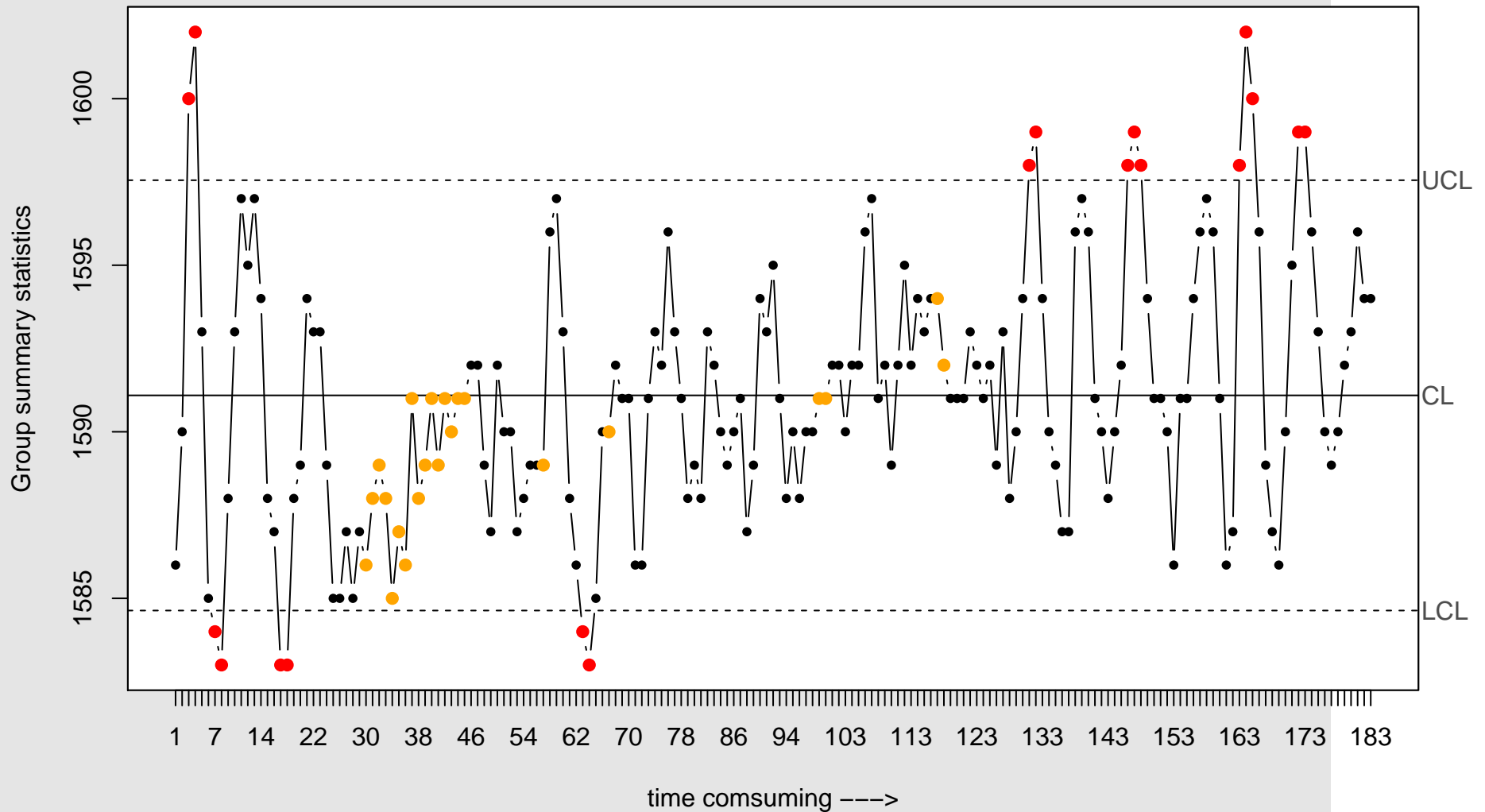
LCL = 1585.591

UCL = 1598.245

Number beyond limits = 20

Number violating runs = 13

## 279th column point of this product



Number of groups = 183

Center = 1591.093

StdDev = 2.152989

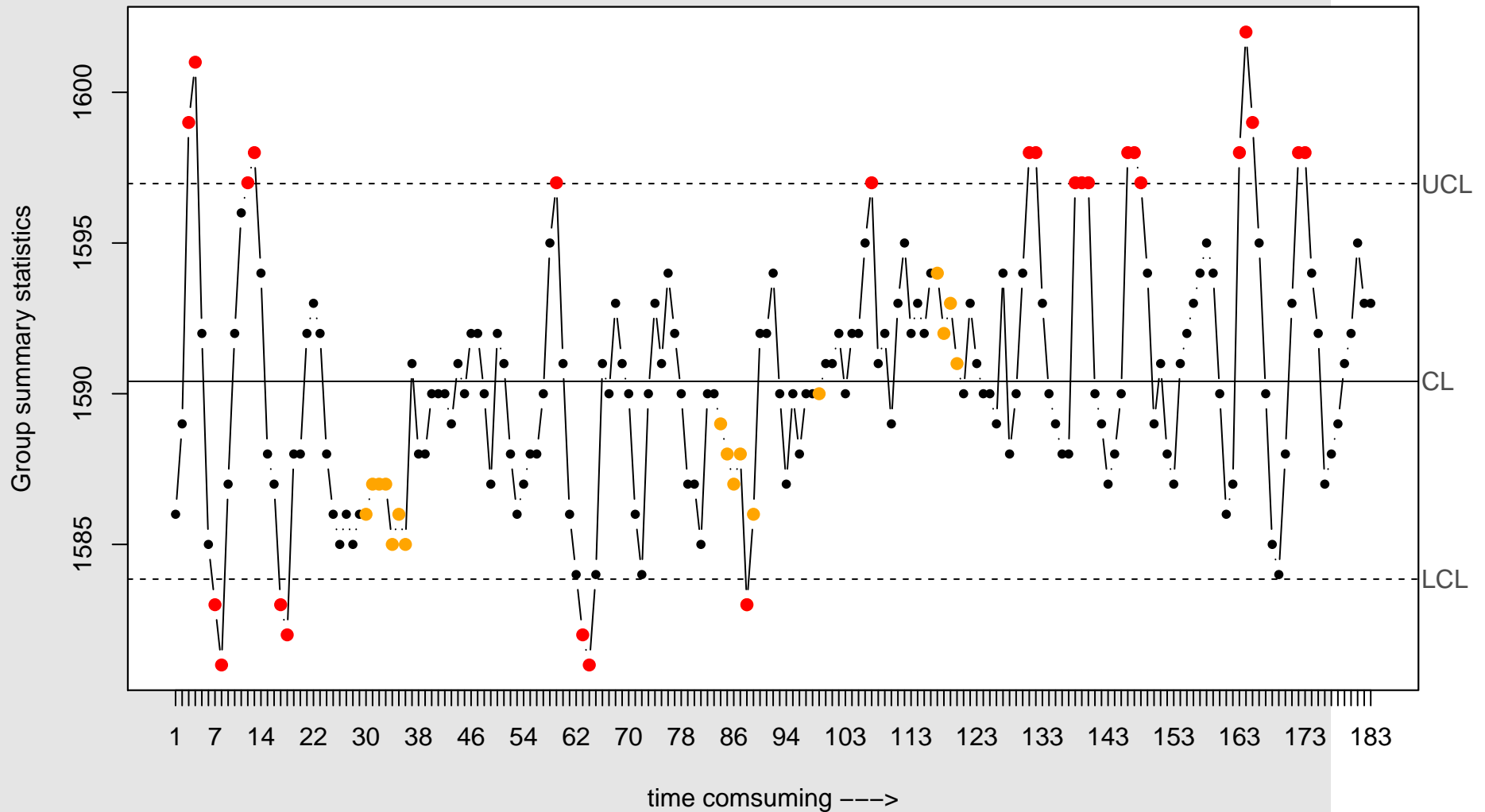
LCL = 1584.634

UCL = 1597.552

Number beyond limits = 18

Number violating runs = 22

## 280th column point of this product



Number of groups = 183

Center = 1590.41

StdDev = 2.187086

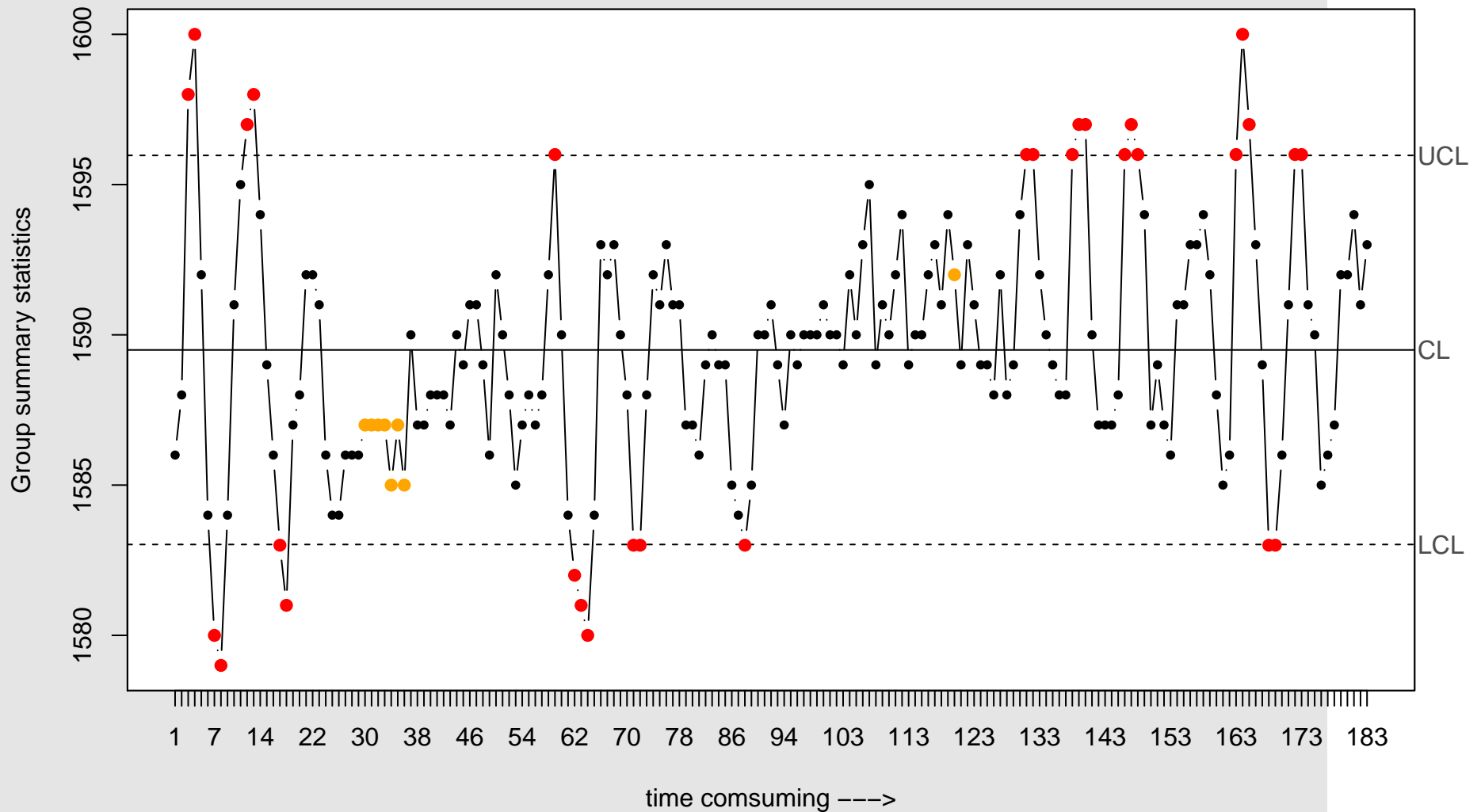
LCL = 1583.849

UCL = 1596.971

Number beyond limits = 26

Number violating runs = 18

## 281th column point of this product



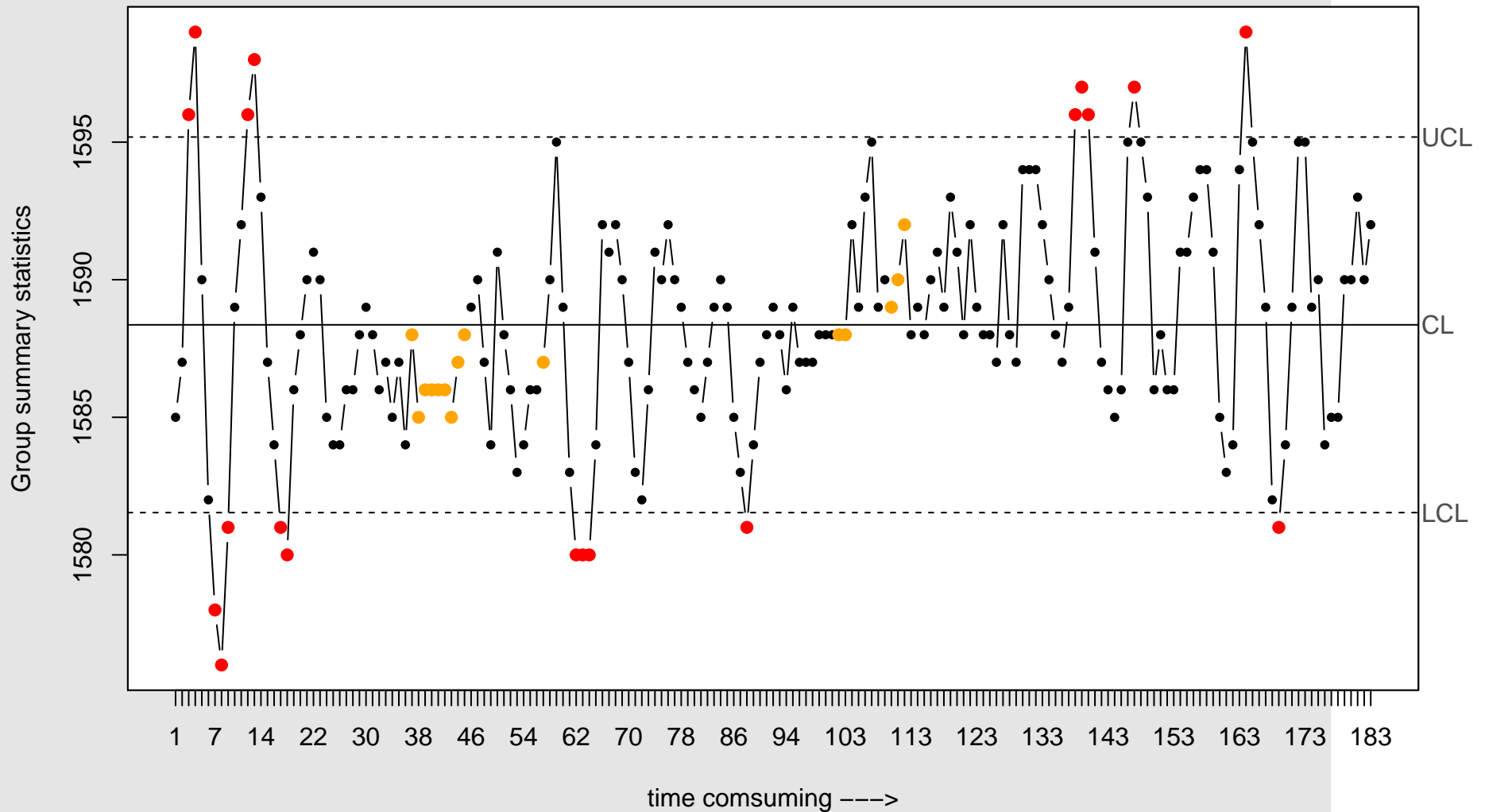
Number of groups = 183  
 Center = 1589.497  
 StdDev = 2.15786

LCL = 1583.024  
 UCL = 1595.971

Number beyond limits = 30  
 Number violating runs = 8



## 282th column point of this product



Number of groups = 183

Center = 1588.361

StdDev = 2.274764

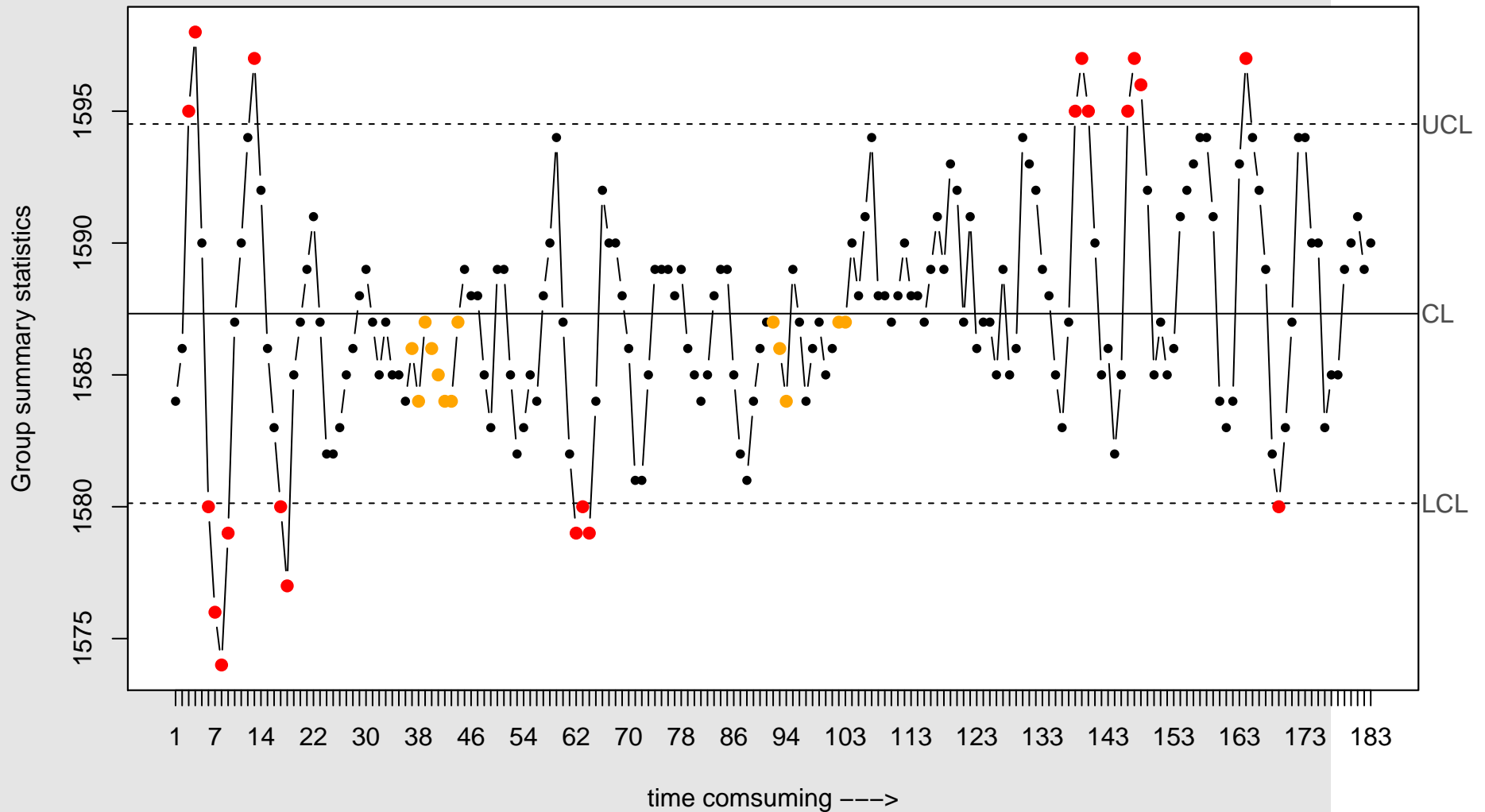
LCL = 1581.536

UCL = 1595.185

Number beyond limits = 19

Number violating runs = 15

## 283th column point of this product



Number of groups = 183

Center = 1587.322

StdDev = 2.39654

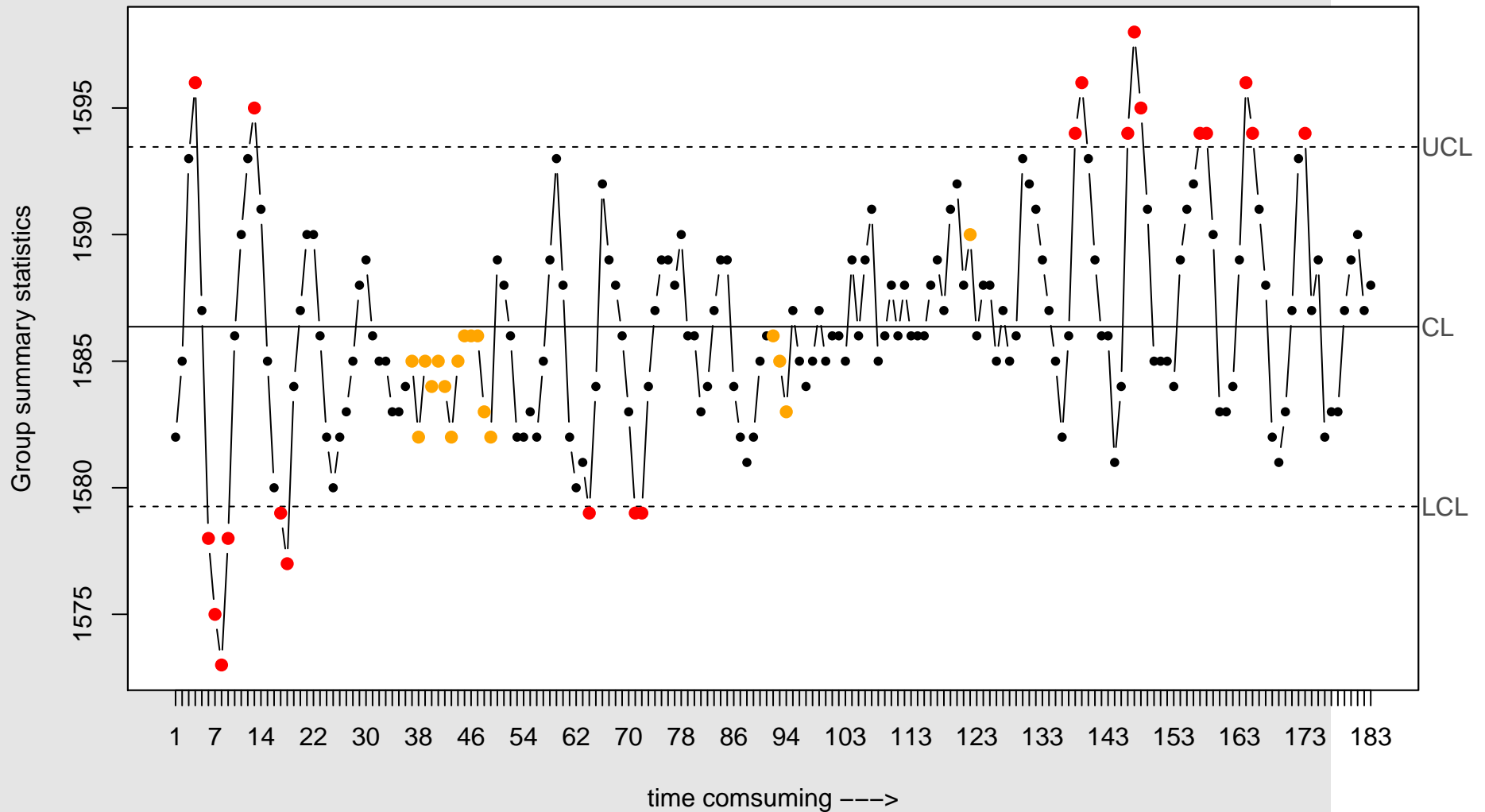
LCL = 1580.133

UCL = 1594.512

Number beyond limits = 20

Number violating runs = 13

## 284th column point of this product



Number of groups = 183

Center = 1586.361

StdDev = 2.367314

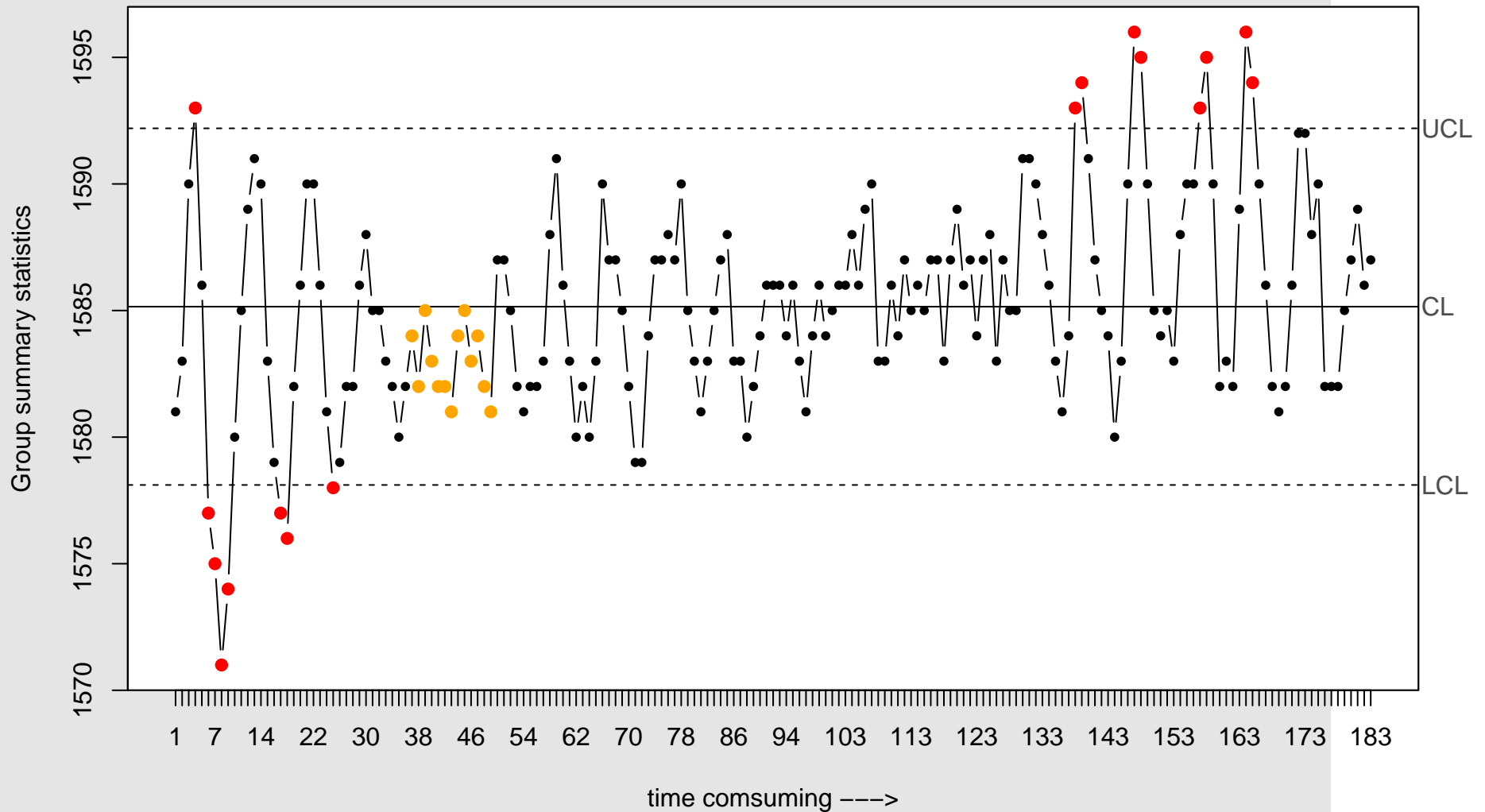
LCL = 1579.259

UCL = 1593.463

Number beyond limits = 21

Number violating runs = 17

## 285th column point of this product



Number of groups = 183

Center = 1585.153

StdDev = 2.347829

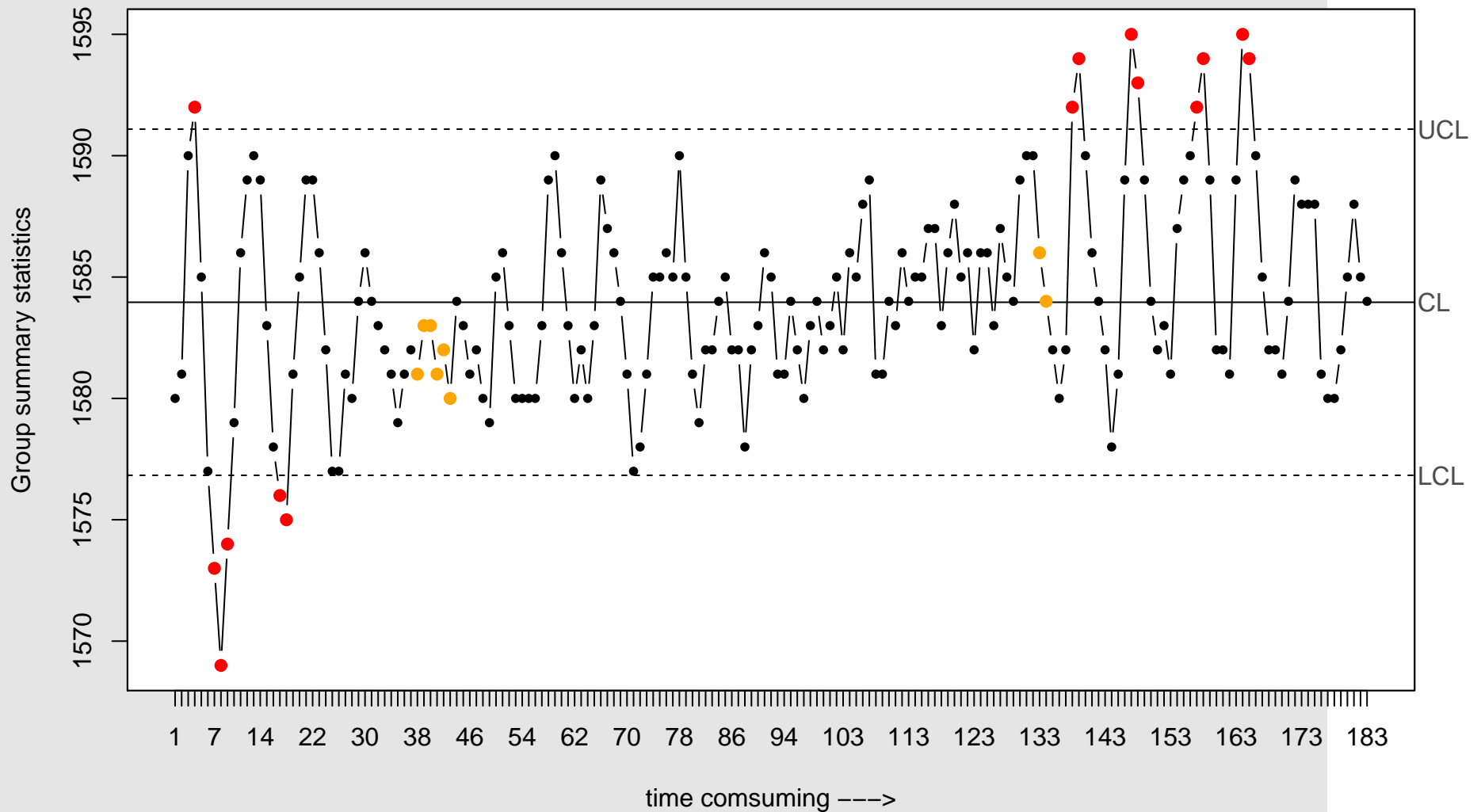
LCL = 1578.11

UCL = 1592.196

Number beyond limits = 16

Number violating runs = 13

# 286th column point of this product



Number of groups = 183

Center = 1583.962

StdDev = 2.377056

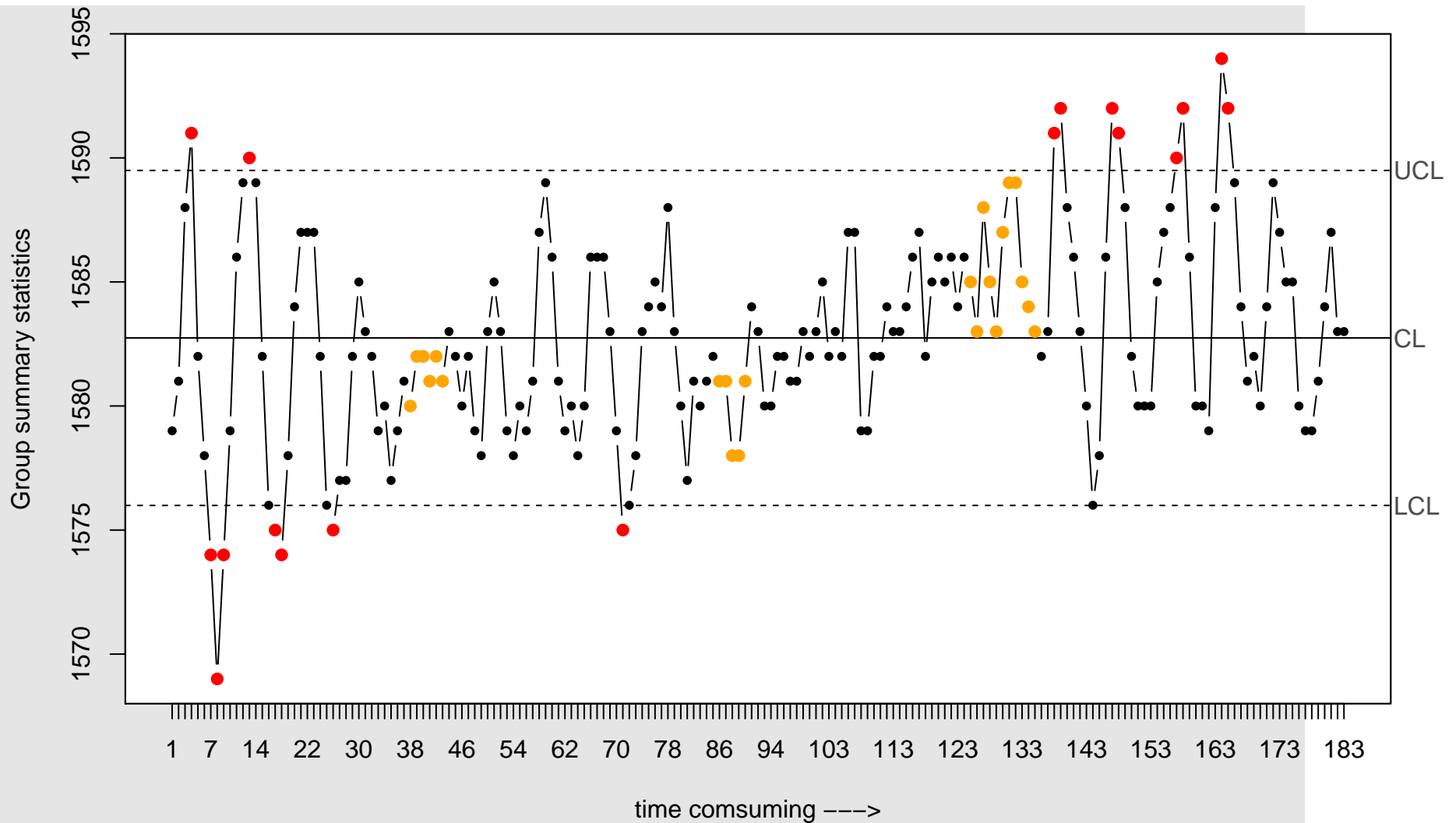
LCL = 1576.831

UCL = 1591.093

Number beyond limits = 14

Number violating runs = 8

# 287th column point of this product



Number of groups = 183

Center = 1582.743

StdDev = 2.250409

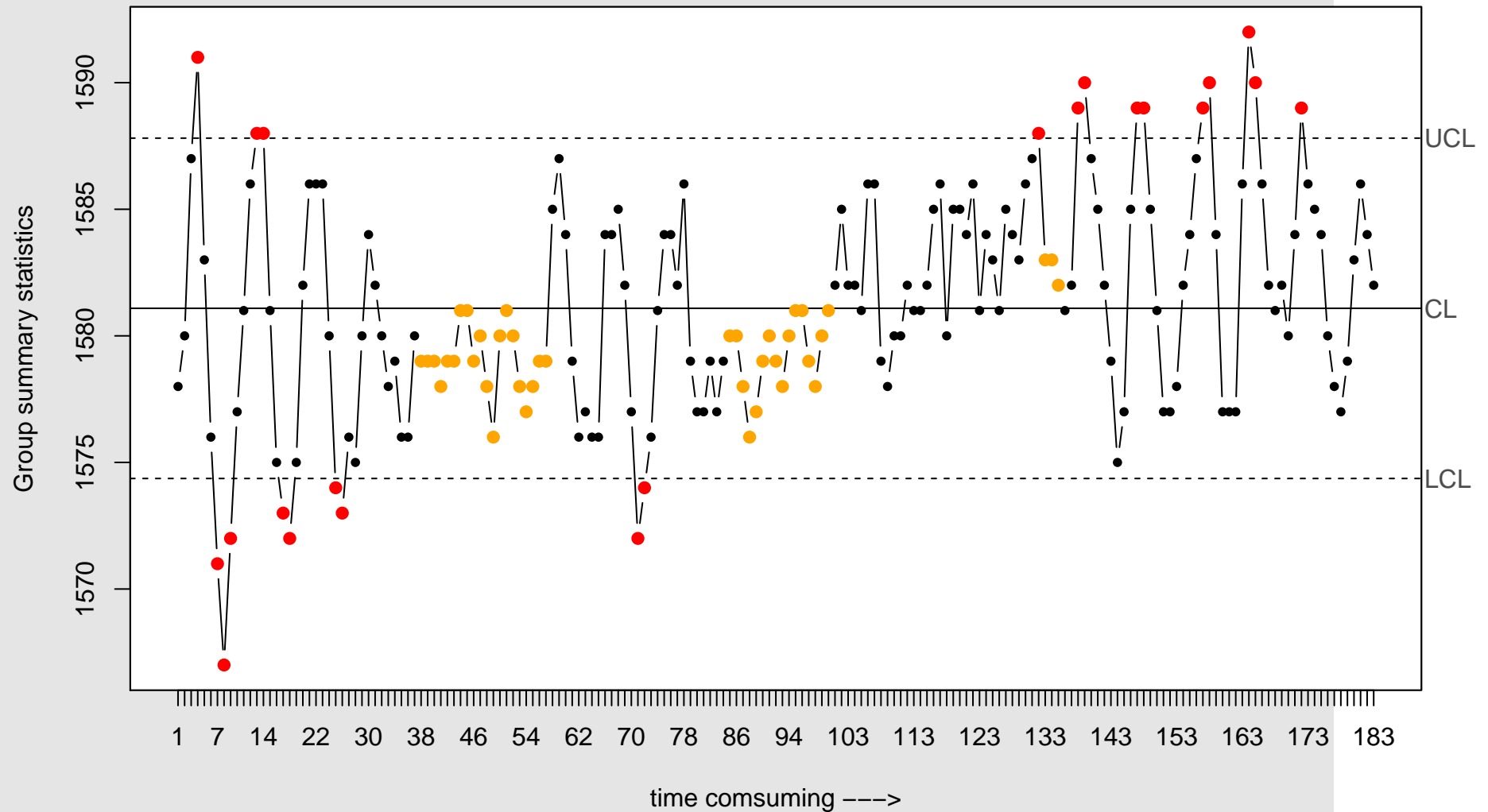
LCL = 1575.992

UCL = 1589.494

Number beyond limits = 17

Number violating runs = 22

## 288th column point of this product



Number of groups = 183

Center = 1581.087

StdDev = 2.240667

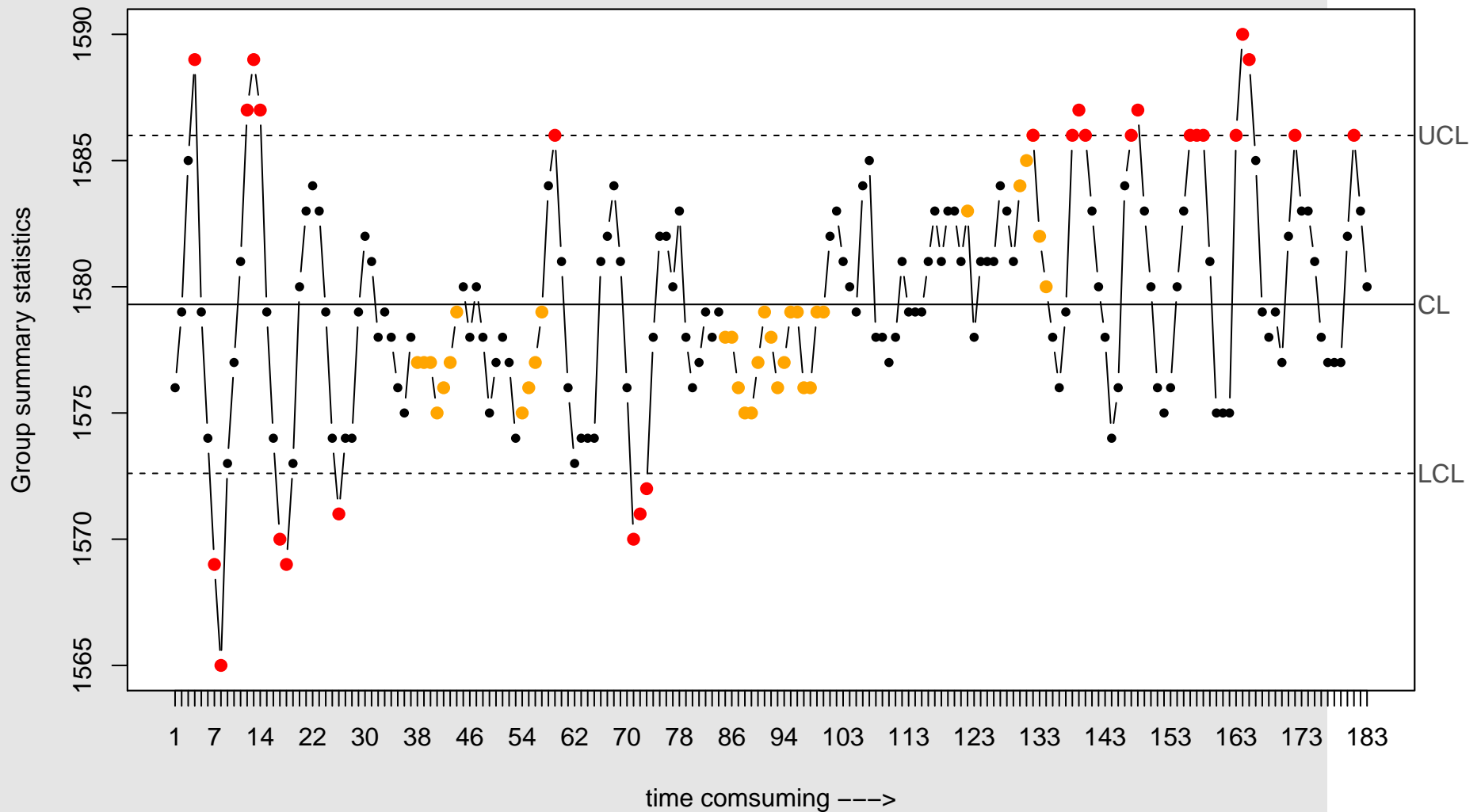
LCL = 1574.365

UCL = 1587.809

Number beyond limits = 22

Number violating runs = 39

## 289th column point of this product



Number of groups = 183

Center = 1579.301

StdDev = 2.230925

LCL = 1572.608

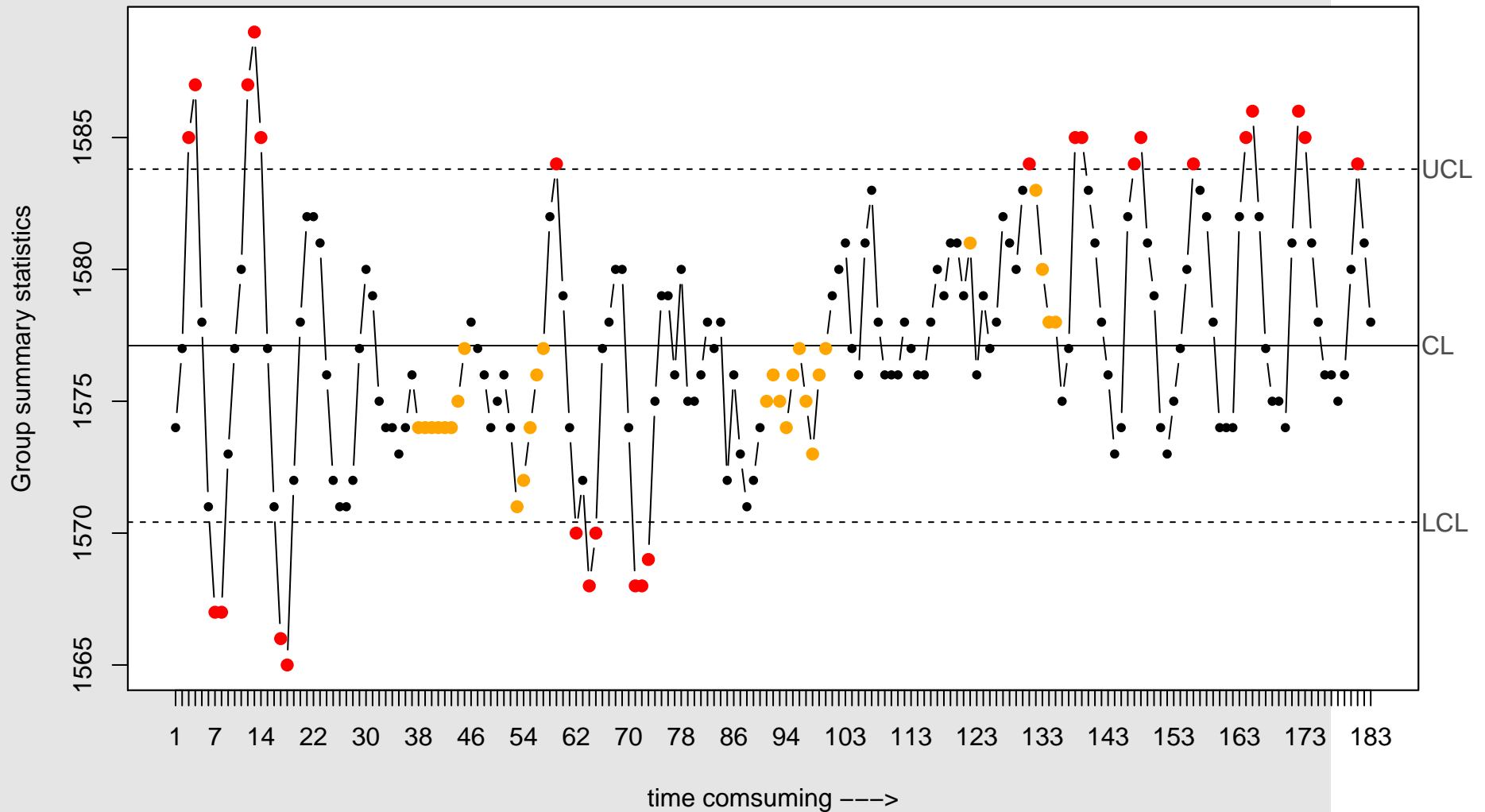
UCL = 1585.993

Number beyond limits = 27

Number violating runs = 33



## 290th column point of this product



Number of groups = 183

Center = 1577.109

StdDev = 2.230925

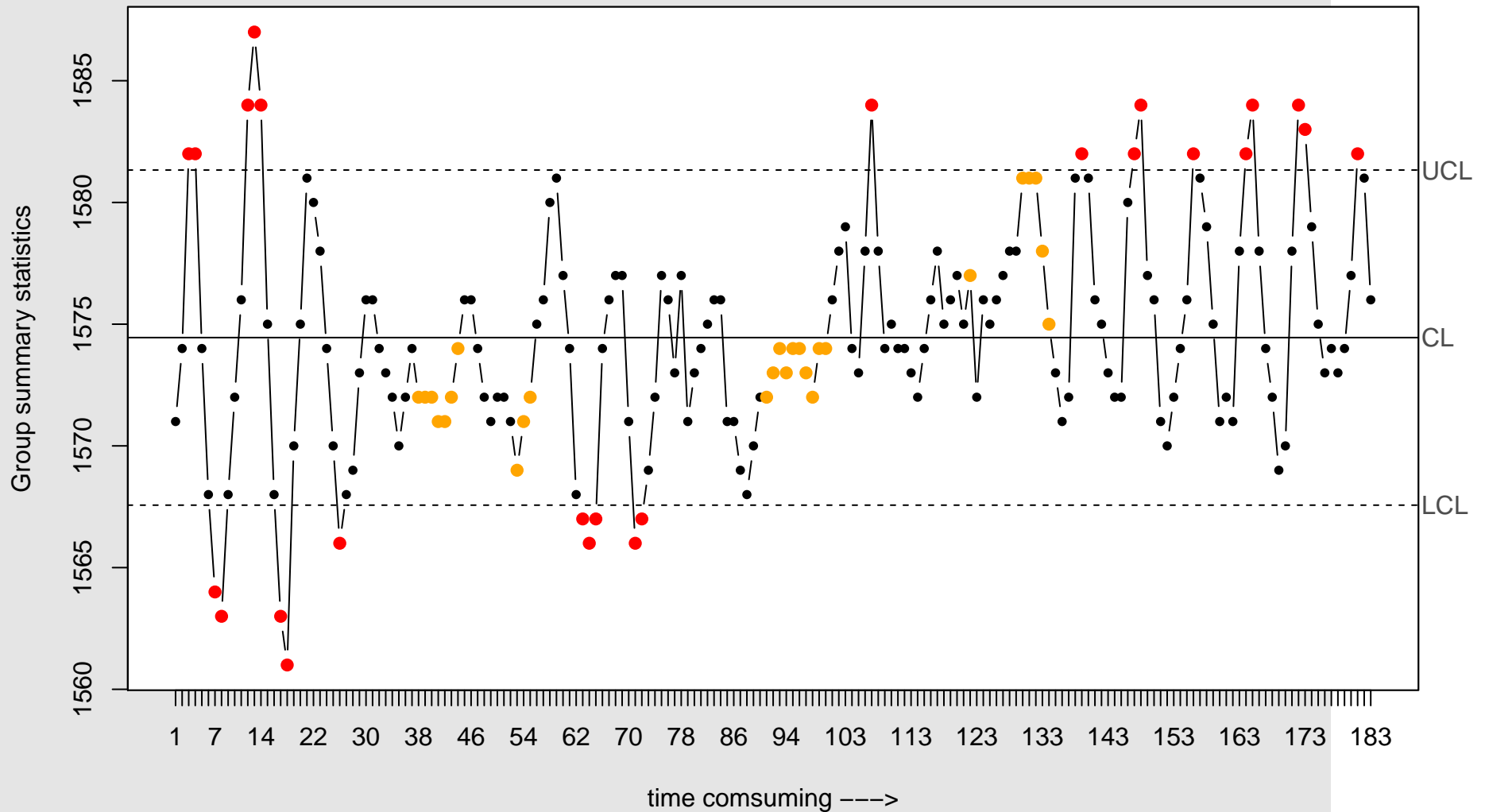
LCL = 1570.417

UCL = 1583.802

Number beyond limits = 27

Number violating runs = 28

## 291th column point of this product



Number of groups = 183

Center = 1574.448

StdDev = 2.294248

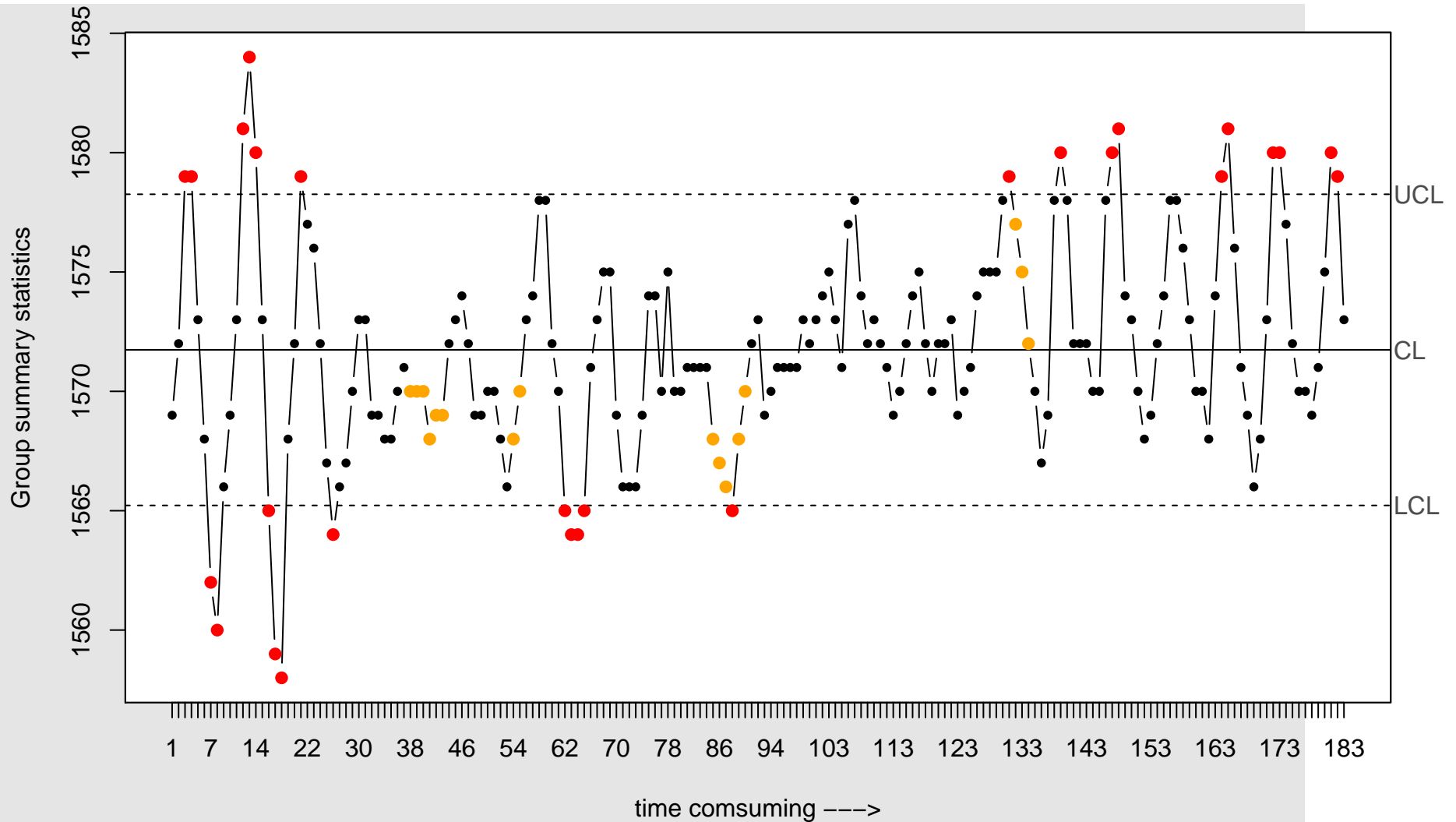
LCL = 1567.565

UCL = 1581.331

Number beyond limits = 25

Number violating runs = 26

## 292th column point of this product



Number of groups = 183

Center = 1571.738

StdDev = 2.172473

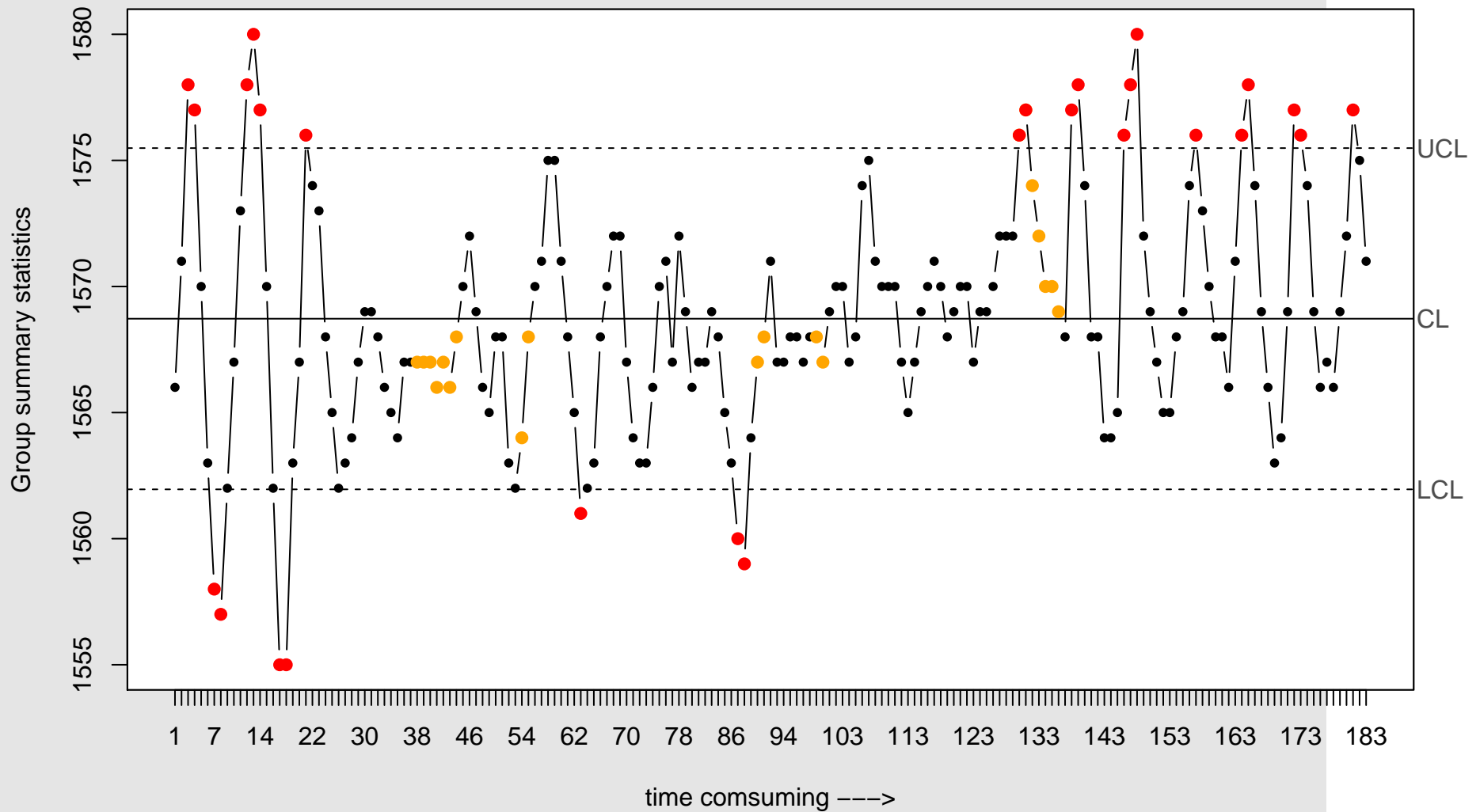
LCL = 1565.22

UCL = 1578.255

Number beyond limits = 27

Number violating runs = 17

## 293th column point of this product



Number of groups = 183

Center = 1568.721

StdDev = 2.25528

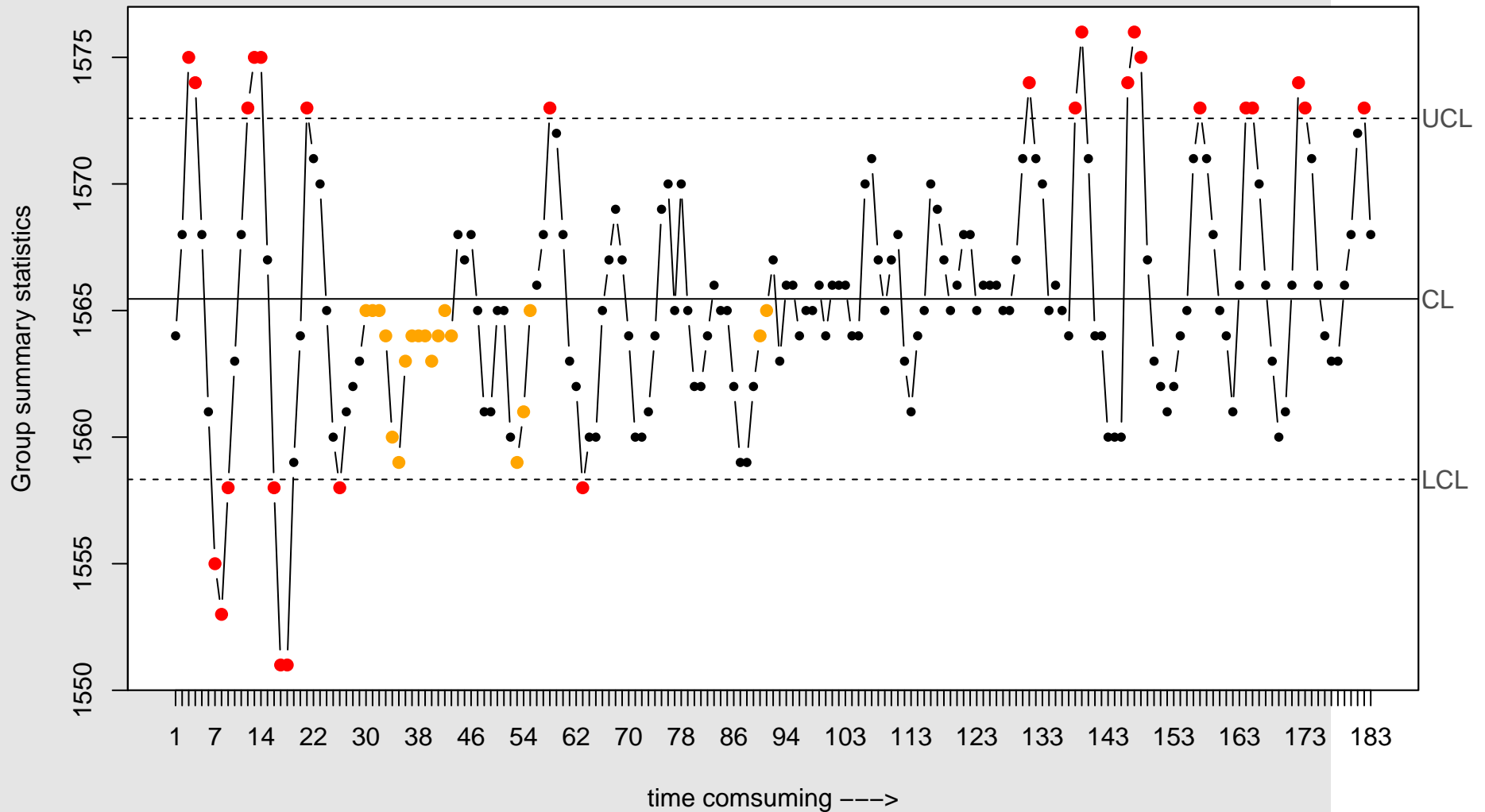
LCL = 1561.955

UCL = 1575.487

Number beyond limits = 26

Number violating runs = 20

## 294th column point of this product



Number of groups = 183

Center = 1565.459

StdDev = 2.377056

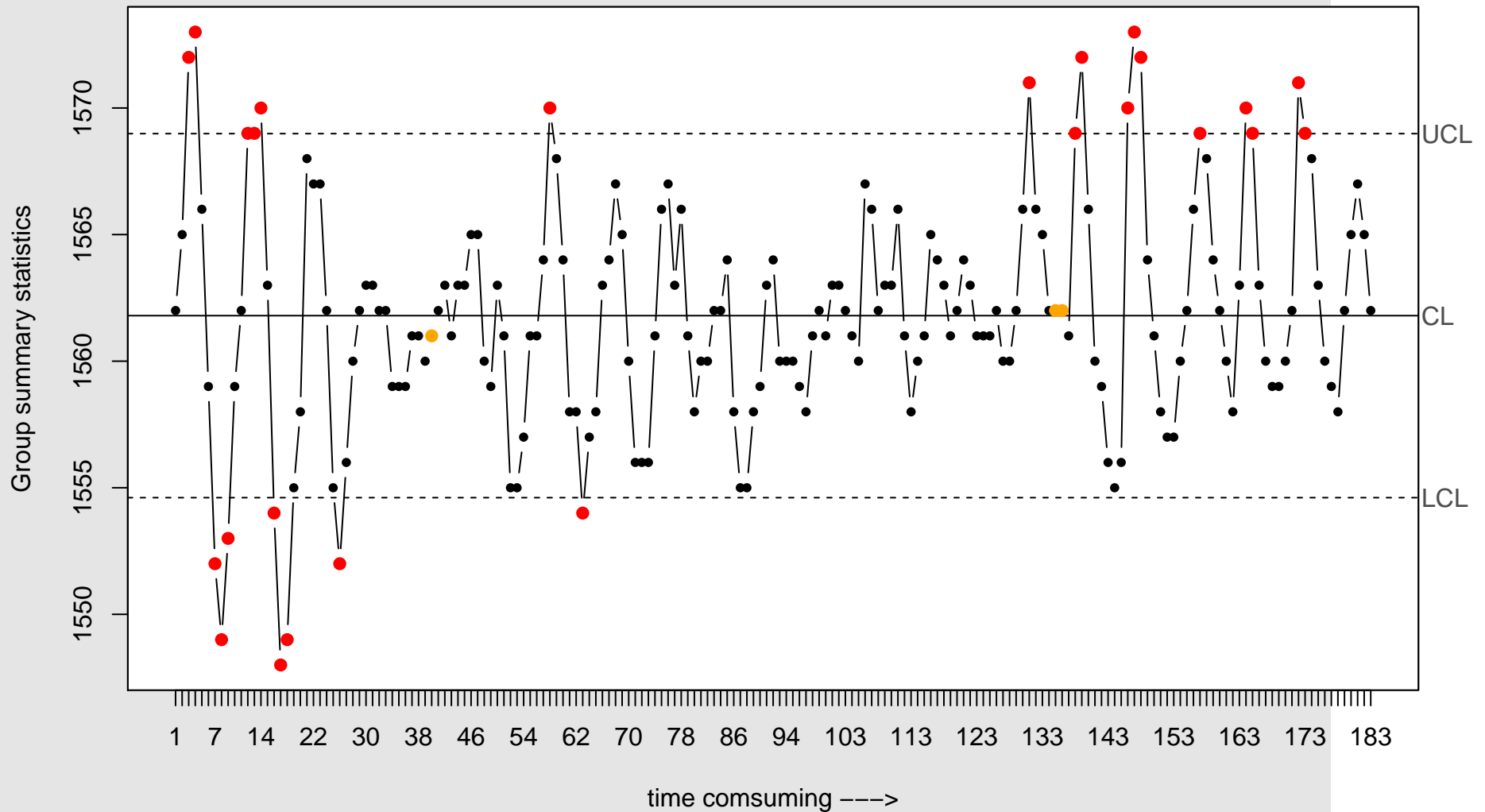
LCL = 1558.328

UCL = 1572.59

Number beyond limits = 27

Number violating runs = 19

## 295th column point of this product



Number of groups = 183

Center = 1561.798

StdDev = 2.39654

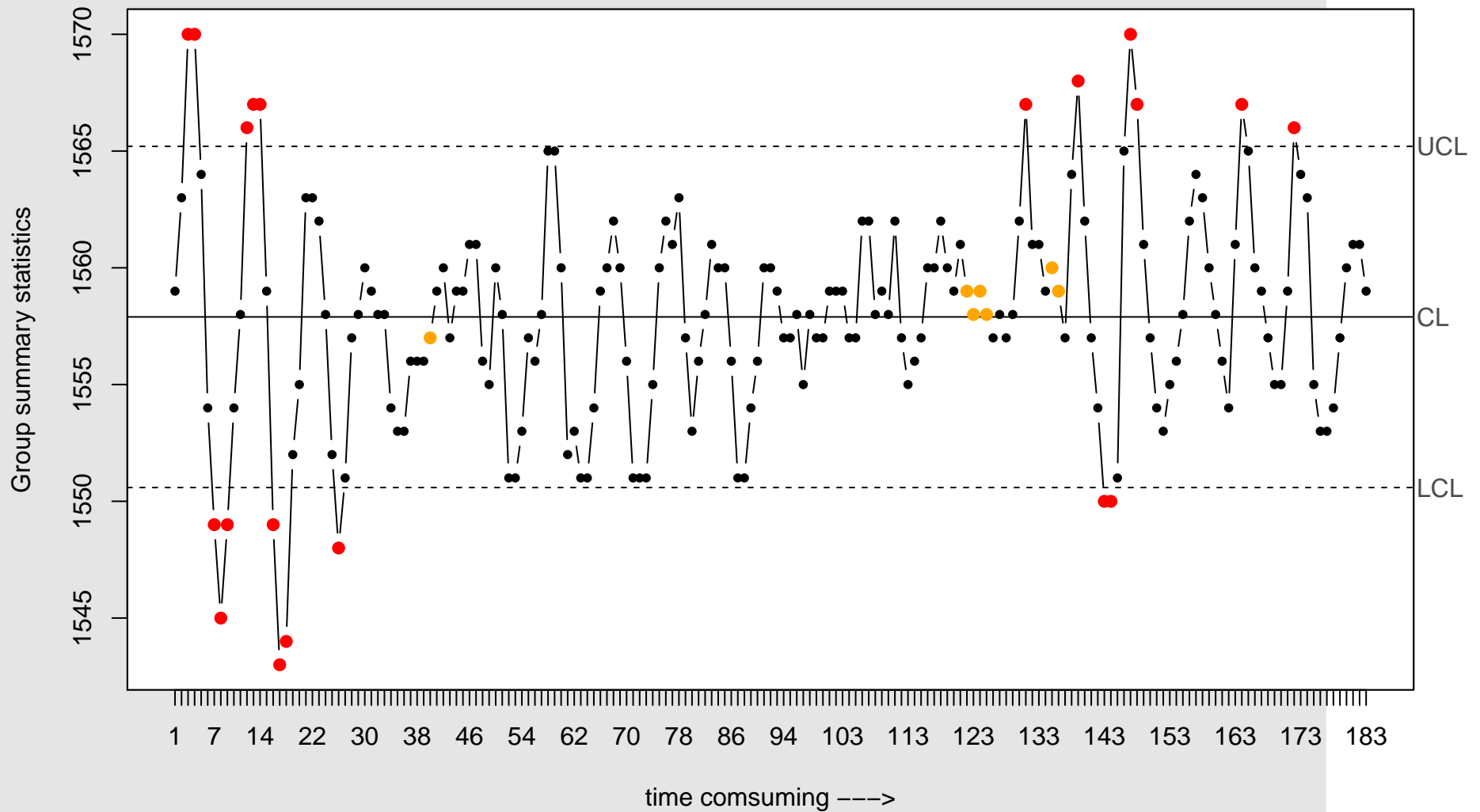
LCL = 1554.608

UCL = 1568.987

Number beyond limits = 25

Number violating runs = 3

## 296th column point of this product



Number of groups = 183

Center = 1557.896

StdDev = 2.435508

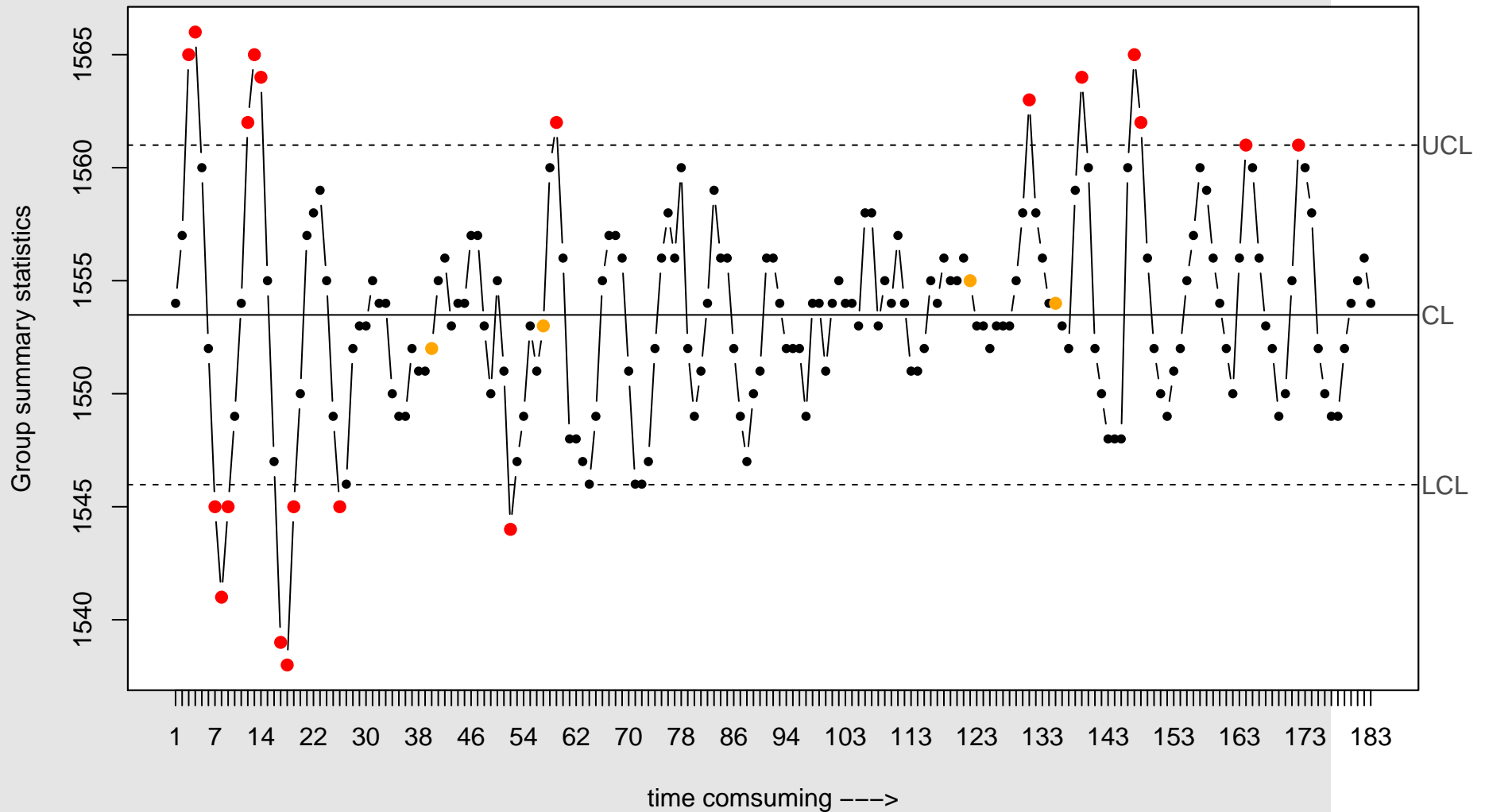
LCL = 1550.59

UCL = 1565.203

Number beyond limits = 20

Number violating runs = 7

## 297th column point of this product



Number of groups = 183

Center = 1553.486

StdDev = 2.503702

LCL = 1545.975

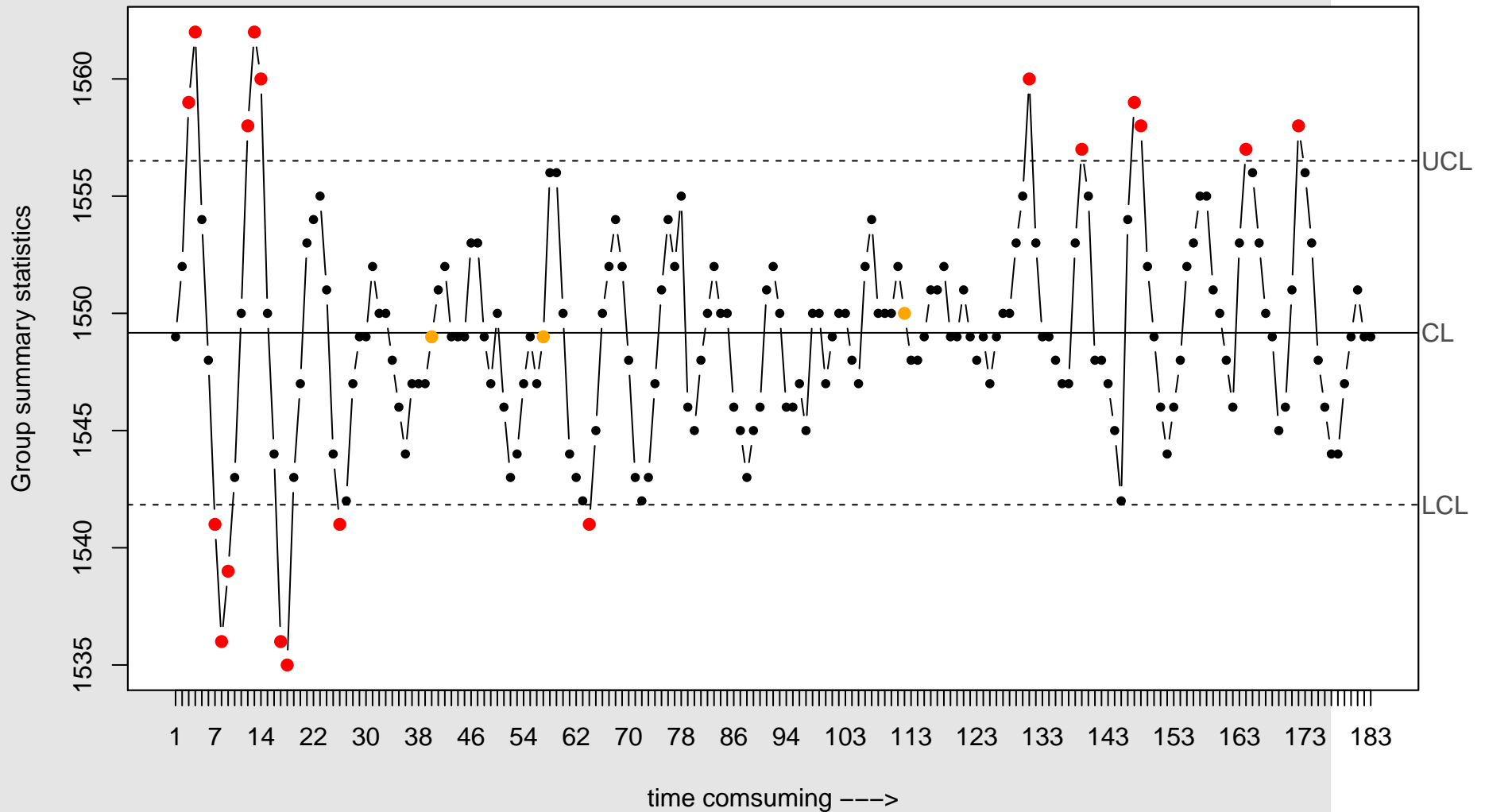
UCL = 1560.997

Number beyond limits = 20

Number violating runs = 4



## 298th column point of this product



Number of groups = 183

Center = 1549.169

StdDev = 2.44525

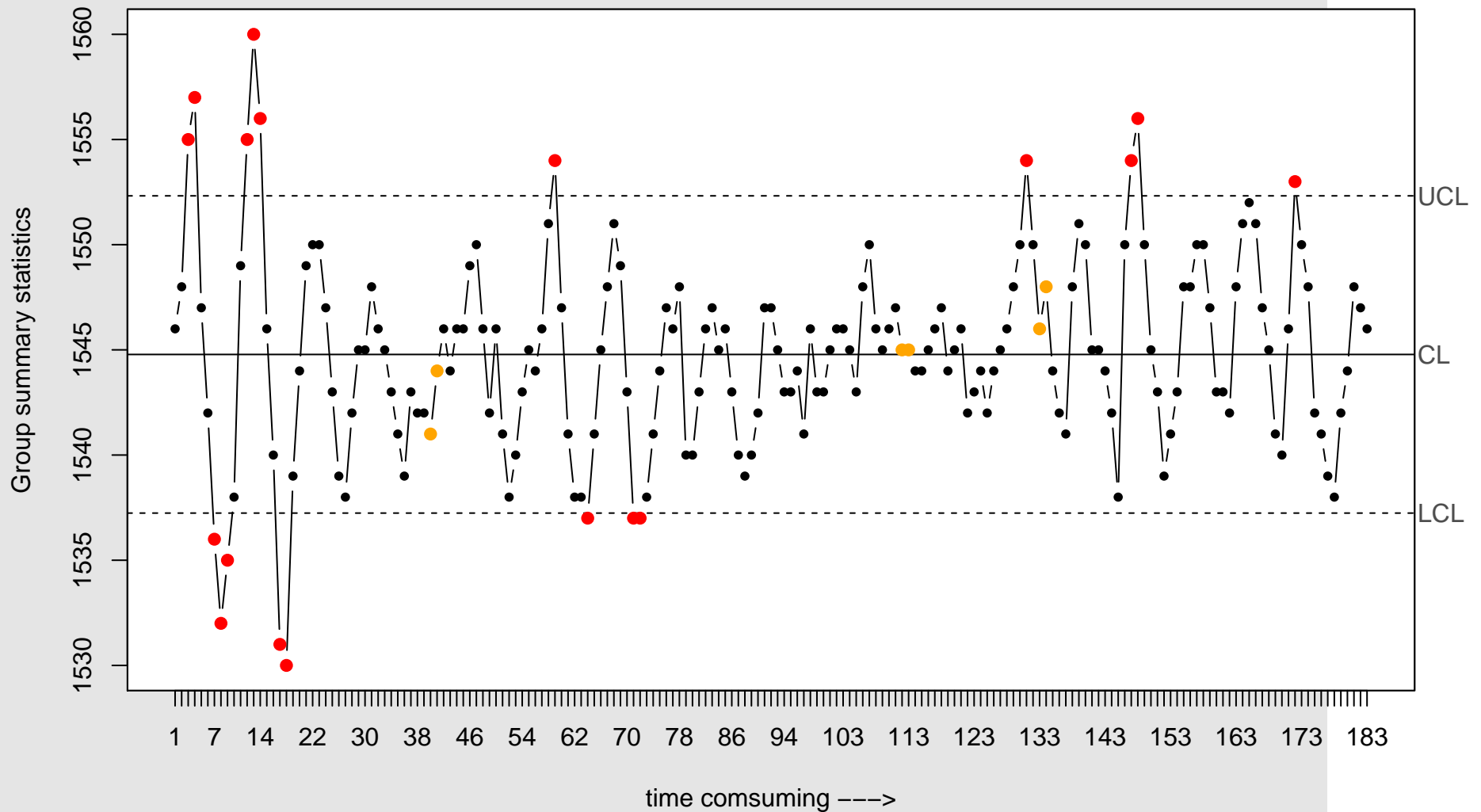
LCL = 1541.834

UCL = 1556.505

Number beyond limits = 18

Number violating runs = 3

## 299th column point of this product



Number of groups = 183

Center = 1544.781

StdDev = 2.513444

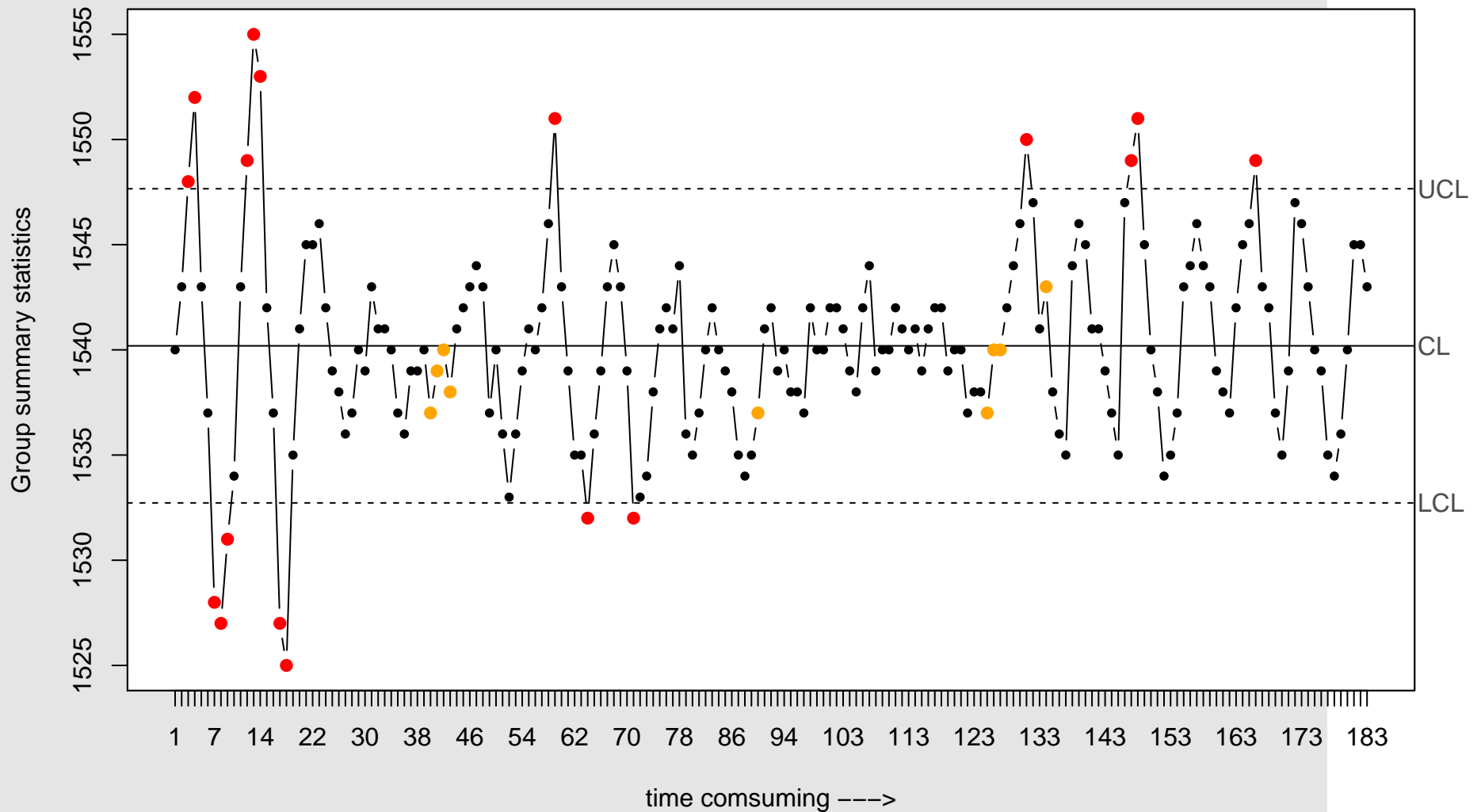
LCL = 1537.241

UCL = 1552.322

Number beyond limits = 18

Number violating runs = 6

### 300th column point of this product

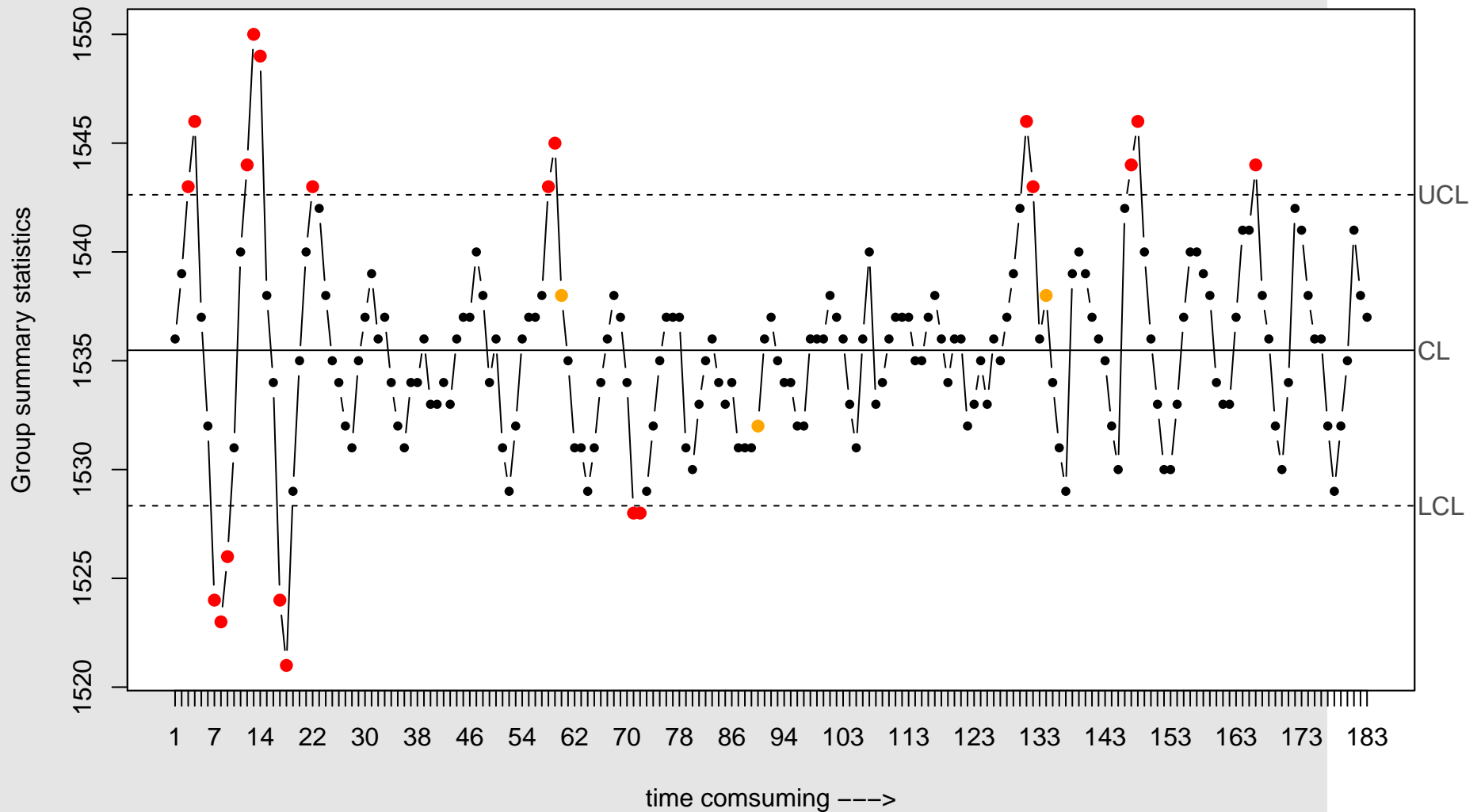


Number of groups = 183  
 Center = 1540.191  
 StdDev = 2.489089

LCL = 1532.724  
 UCL = 1547.659

Number beyond limits = 17  
 Number violating runs = 9

### 301th column point of this product

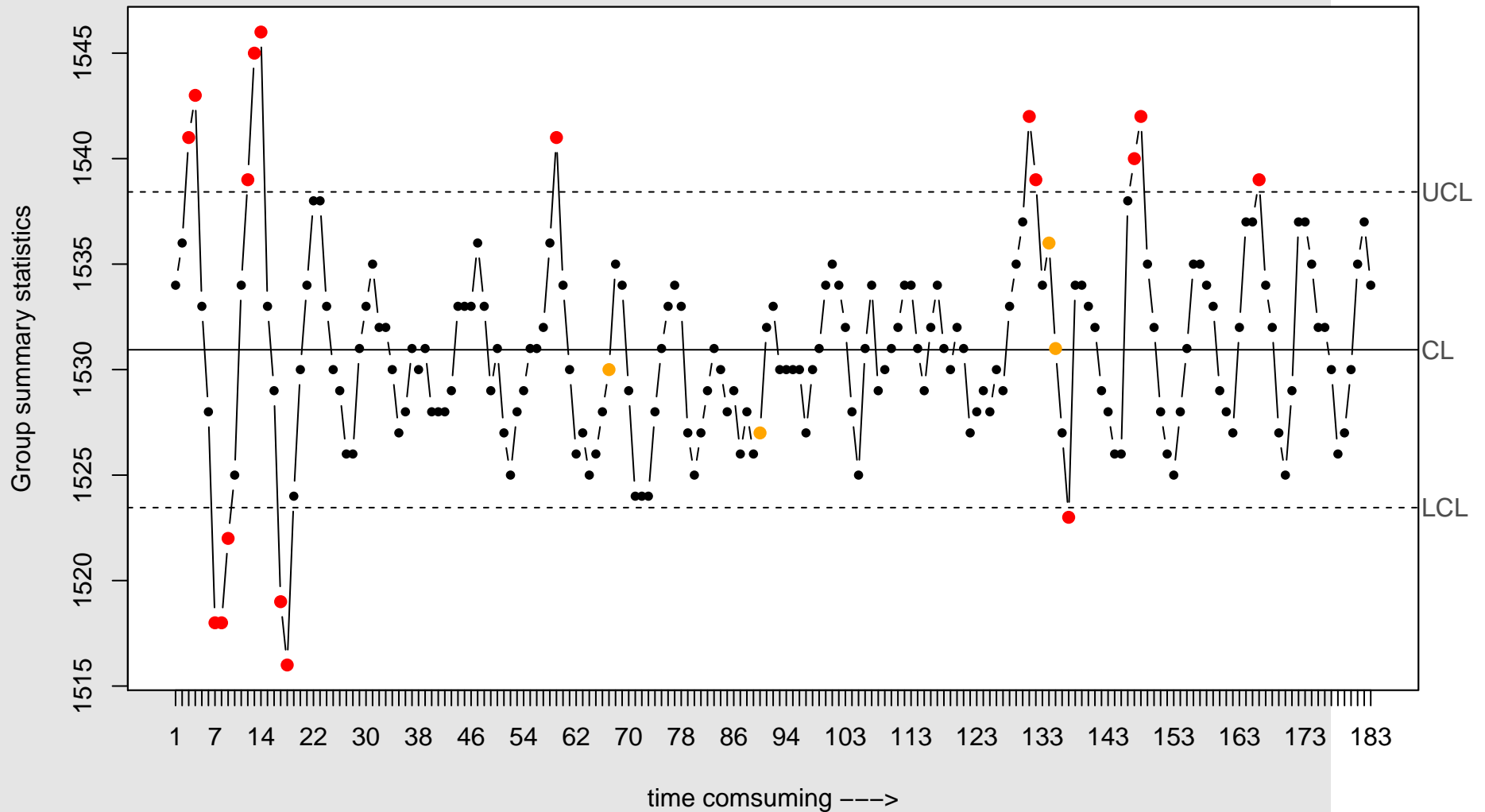


Number of groups = 183  
Center = 1535.481  
StdDev = 2.381927

LCL = 1528.335  
UCL = 1542.627

Number beyond limits = 20  
Number violating runs = 3

### 302th column point of this product



Number of groups = 183

Center = 1530.94

StdDev = 2.49396

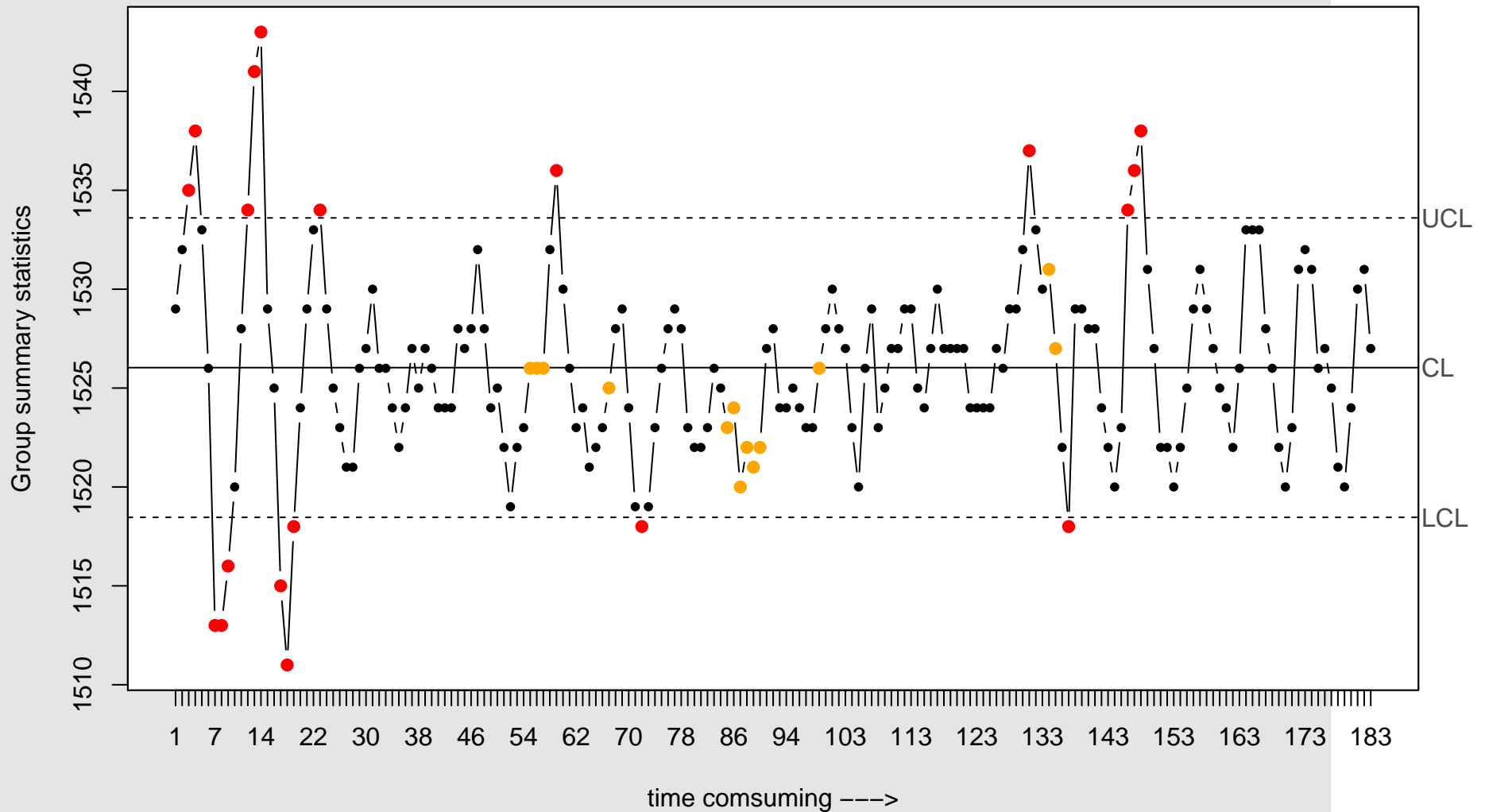
LCL = 1523.458

UCL = 1538.422

Number beyond limits = 17

Number violating runs = 4

### 303th column point of this product



Number of groups = 183

Center = 1526.033

StdDev = 2.523186

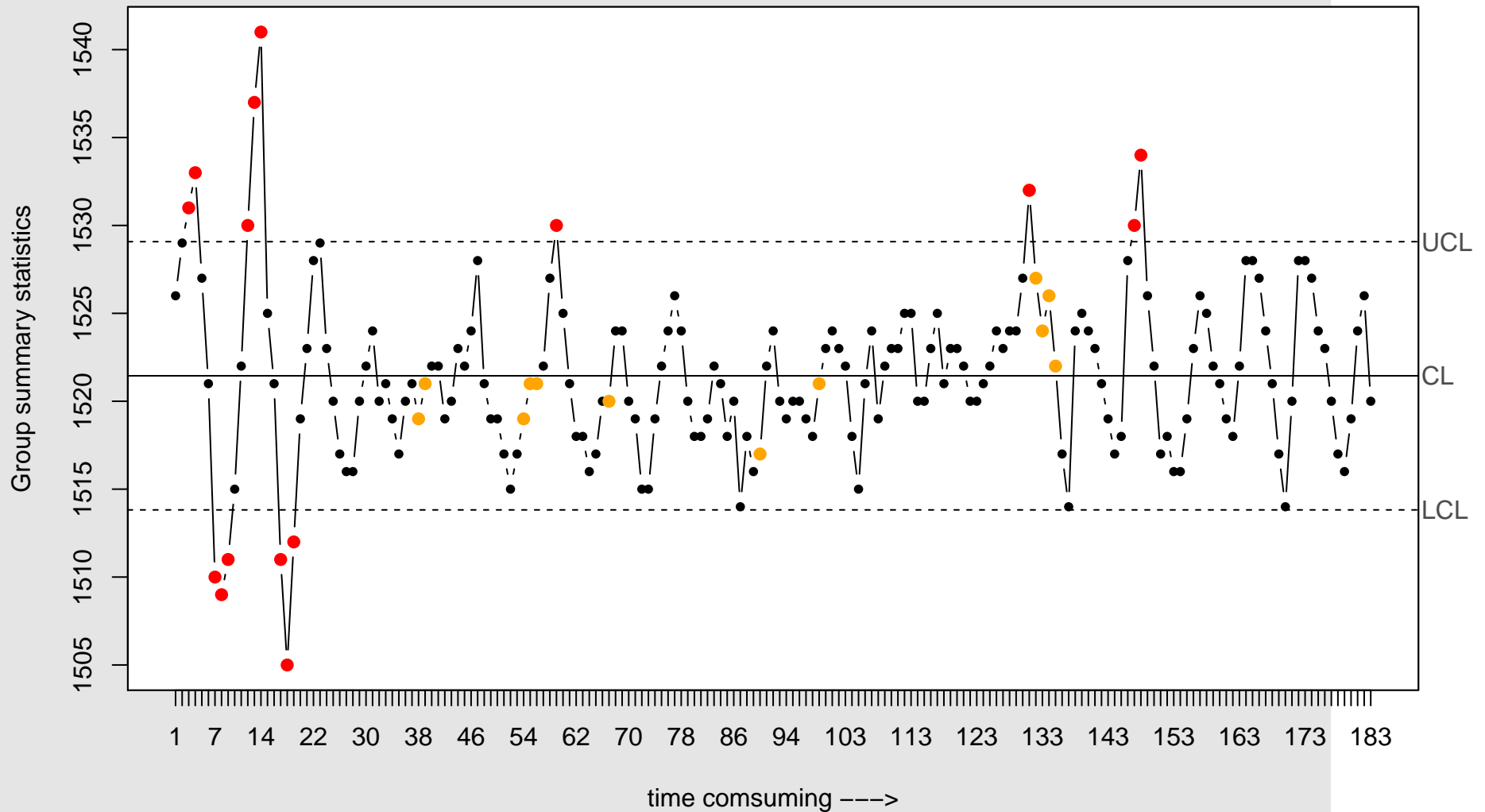
LCL = 1518.463

UCL = 1533.602

Number beyond limits = 19

Number violating runs = 13

### 304th column point of this product

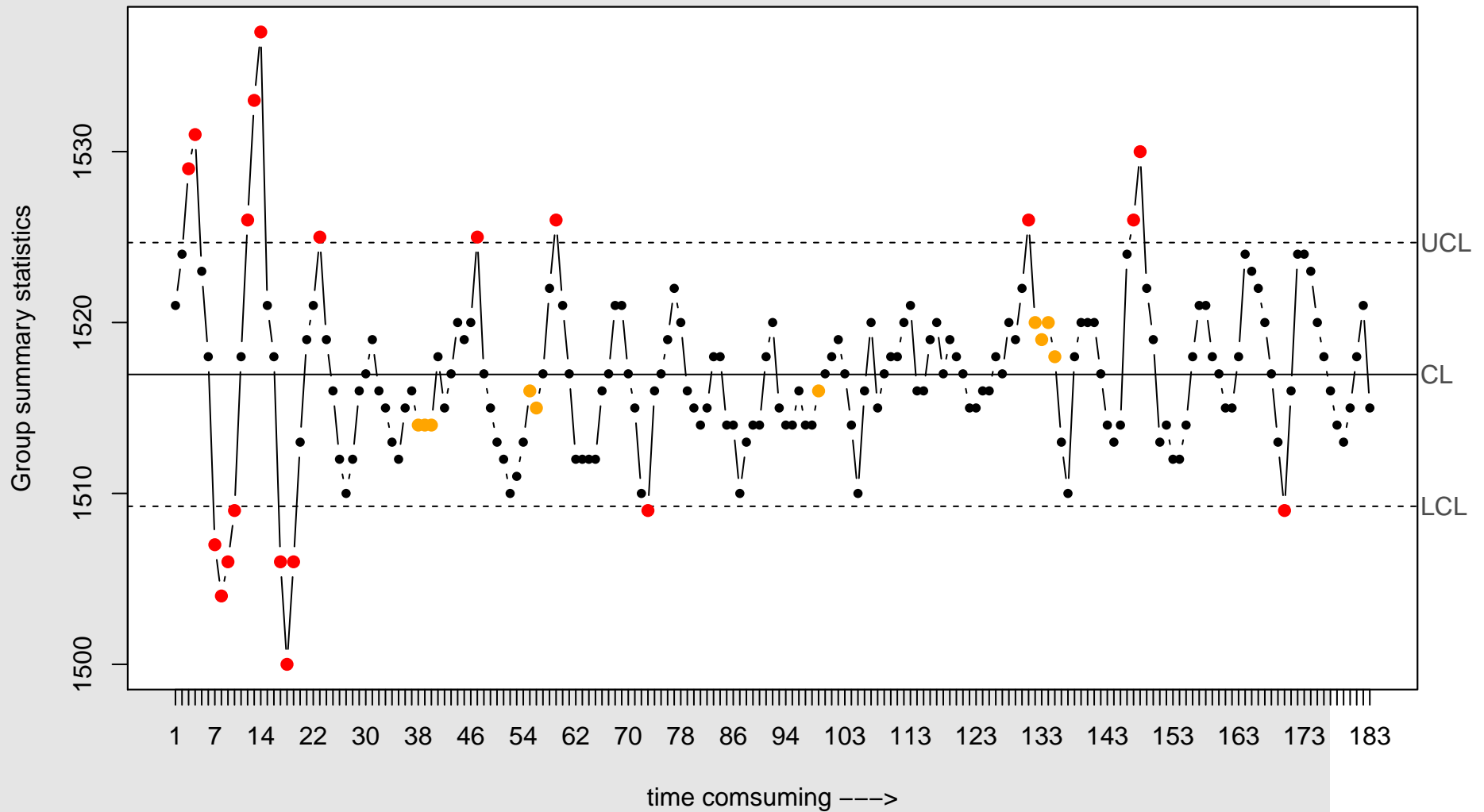


Number of groups = 183  
Center = 1521.448  
StdDev = 2.54267

LCL = 1513.82  
UCL = 1529.076

Number beyond limits = 15  
Number violating runs = 13

### 305th column point of this product



Number of groups = 183

Center = 1516.962

StdDev = 2.571896

LCL = 1509.246

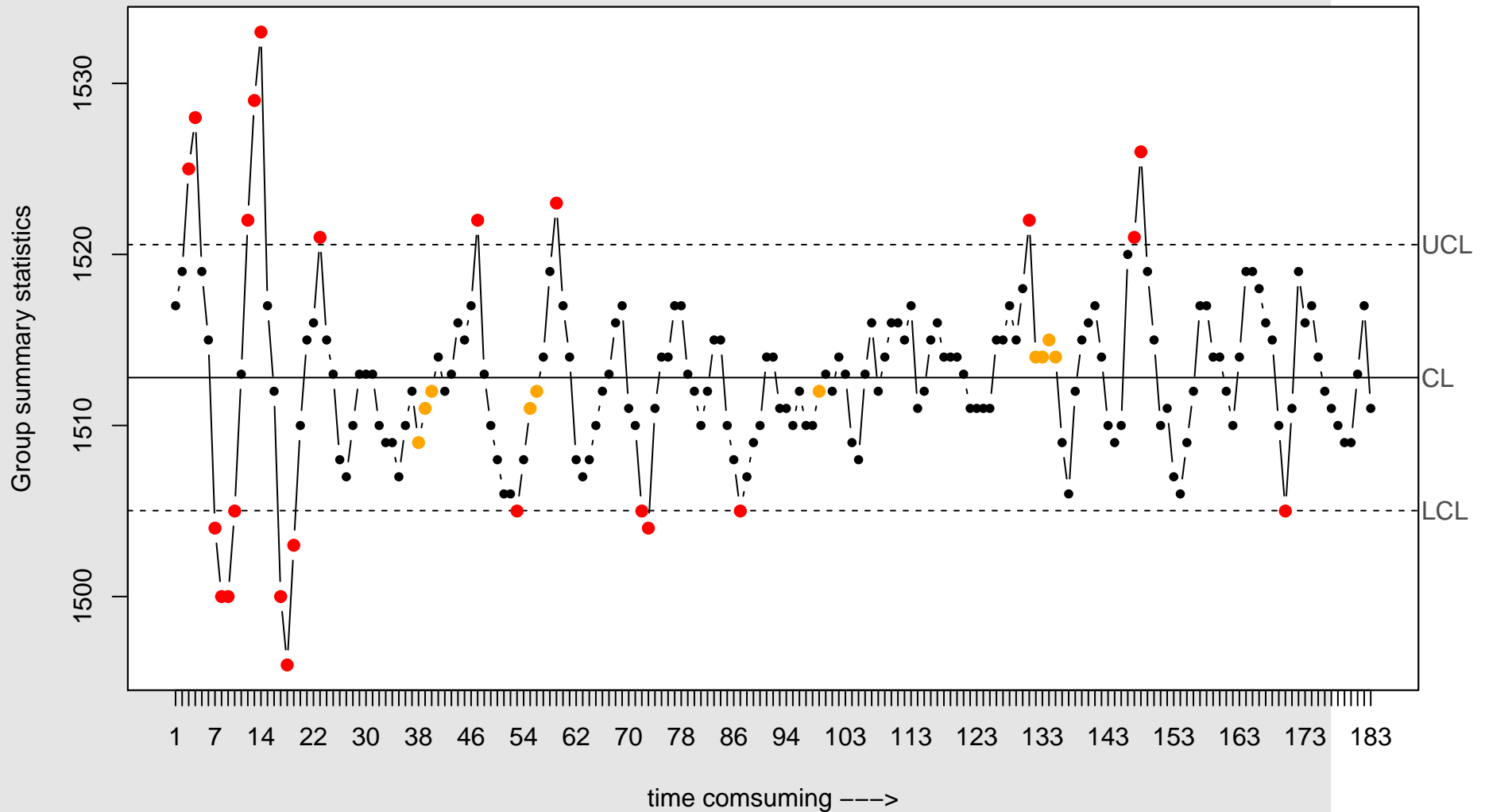
UCL = 1524.677

Number beyond limits = 20

Number violating runs = 10



### 306th column point of this product

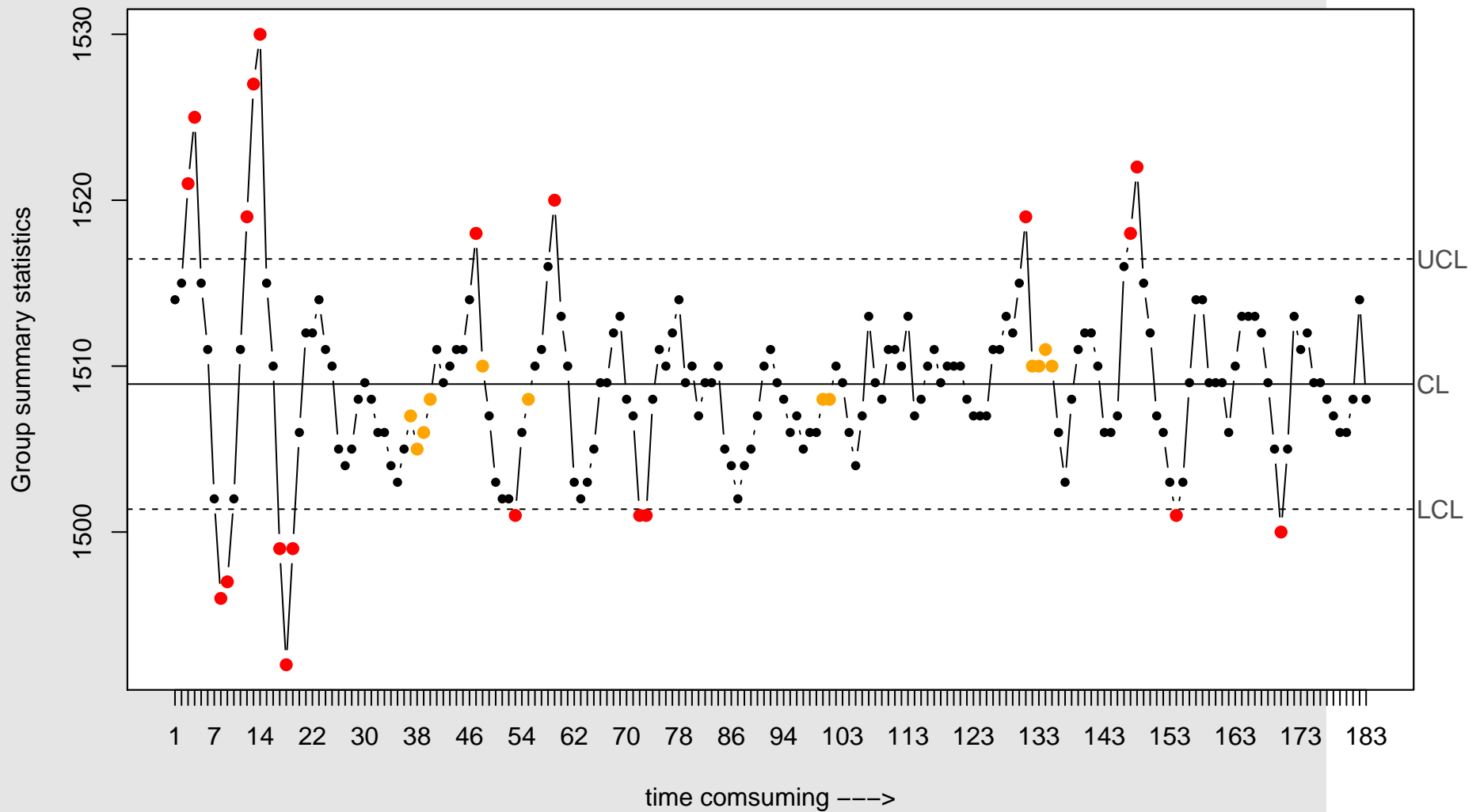


Number of groups = 183  
Center = 1512.798  
StdDev = 2.59138

LCL = 1505.024  
UCL = 1520.572

Number beyond limits = 23  
Number violating runs = 10

### 307th column point of this product



Number of groups = 183

Center = 1508.918

StdDev = 2.513444

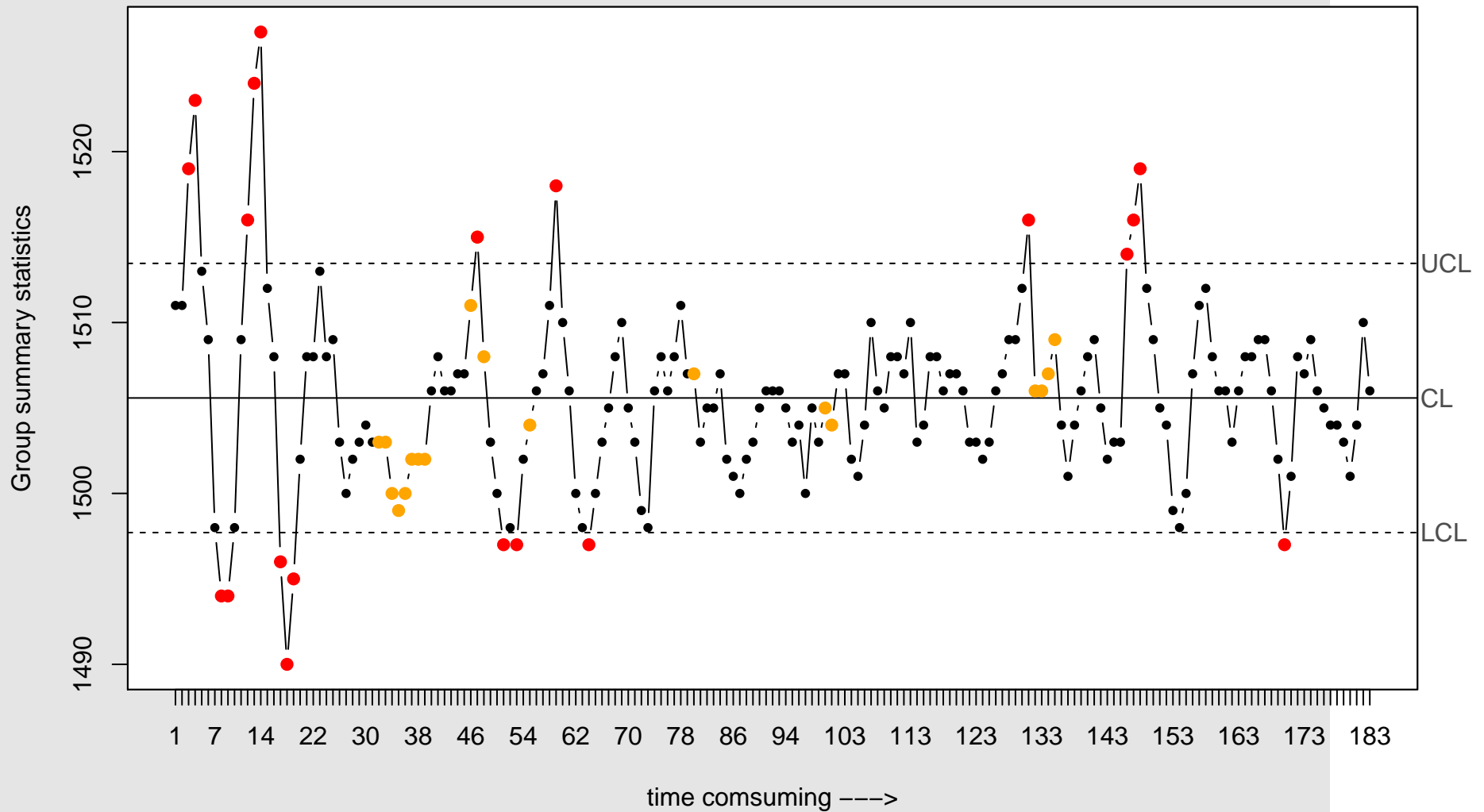
LCL = 1501.378

UCL = 1516.458

Number beyond limits = 20

Number violating runs = 13

### 308th column point of this product

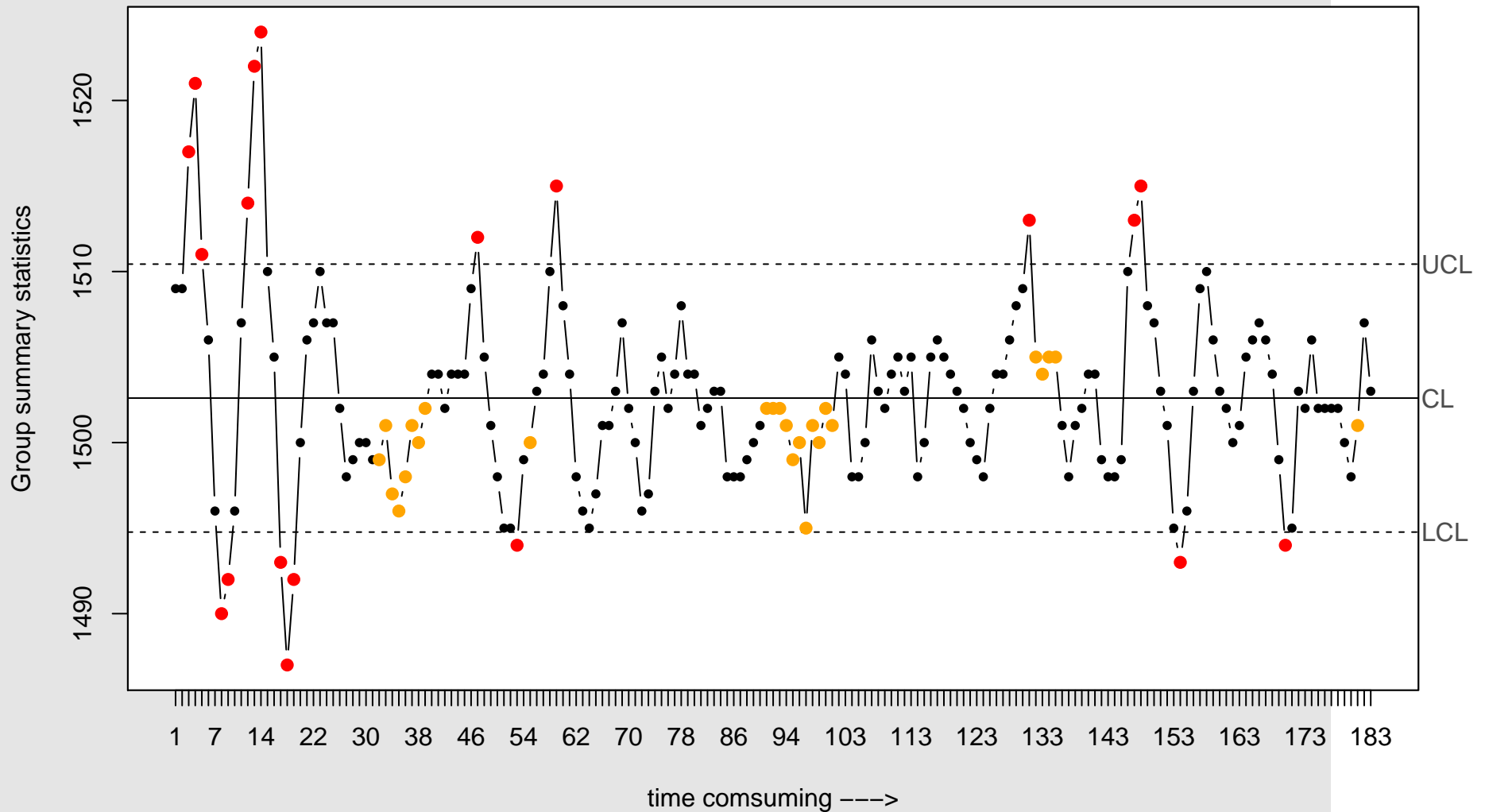


Number of groups = 183  
Center = 1505.585  
StdDev = 2.625477

LCL = 1497.708  
UCL = 1513.461

Number beyond limits = 20  
Number violating runs = 19

### 309th column point of this product



Number of groups = 183

Center = 1502.601

StdDev = 2.610864

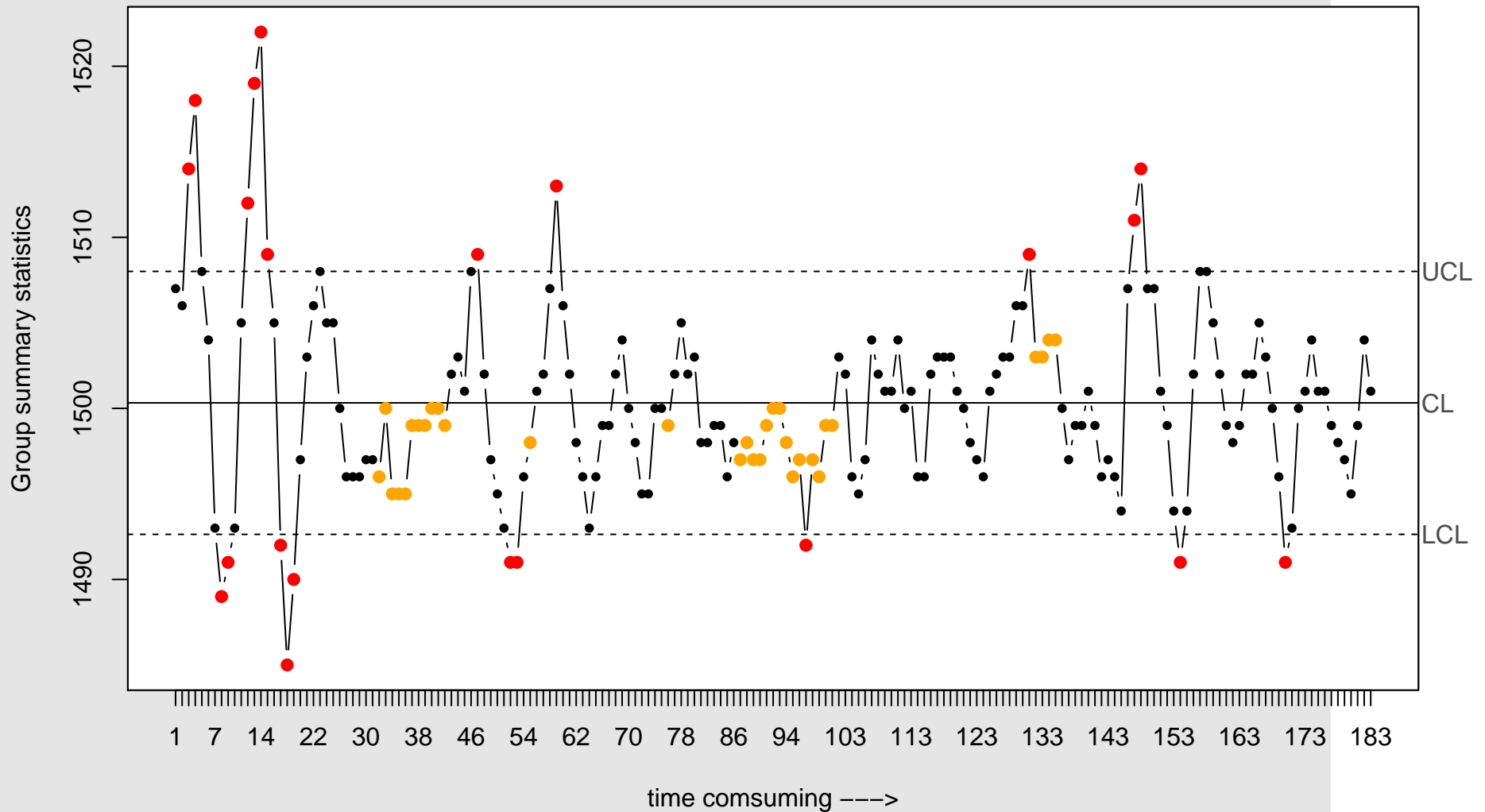
LCL = 1494.768

UCL = 1510.434

Number beyond limits = 19

Number violating runs = 25

### 310th column point of this product



Number of groups = 183

Center = 1500.322

StdDev = 2.562154

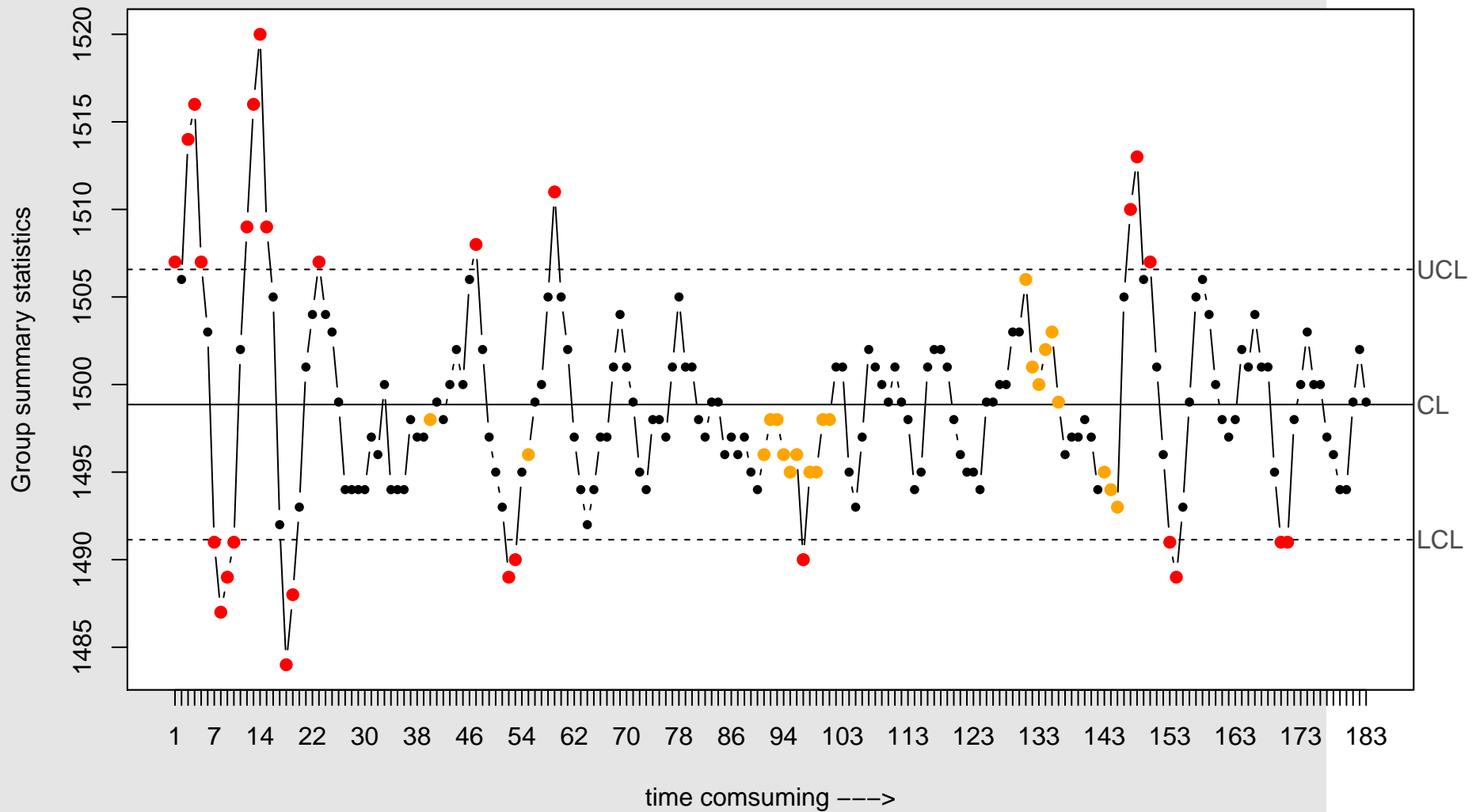
LCL = 1492.636

UCL = 1508.009

Number beyond limits = 21

Number violating runs = 33

### 311th column point of this product



Number of groups = 183

Center = 1498.858

StdDev = 2.571896

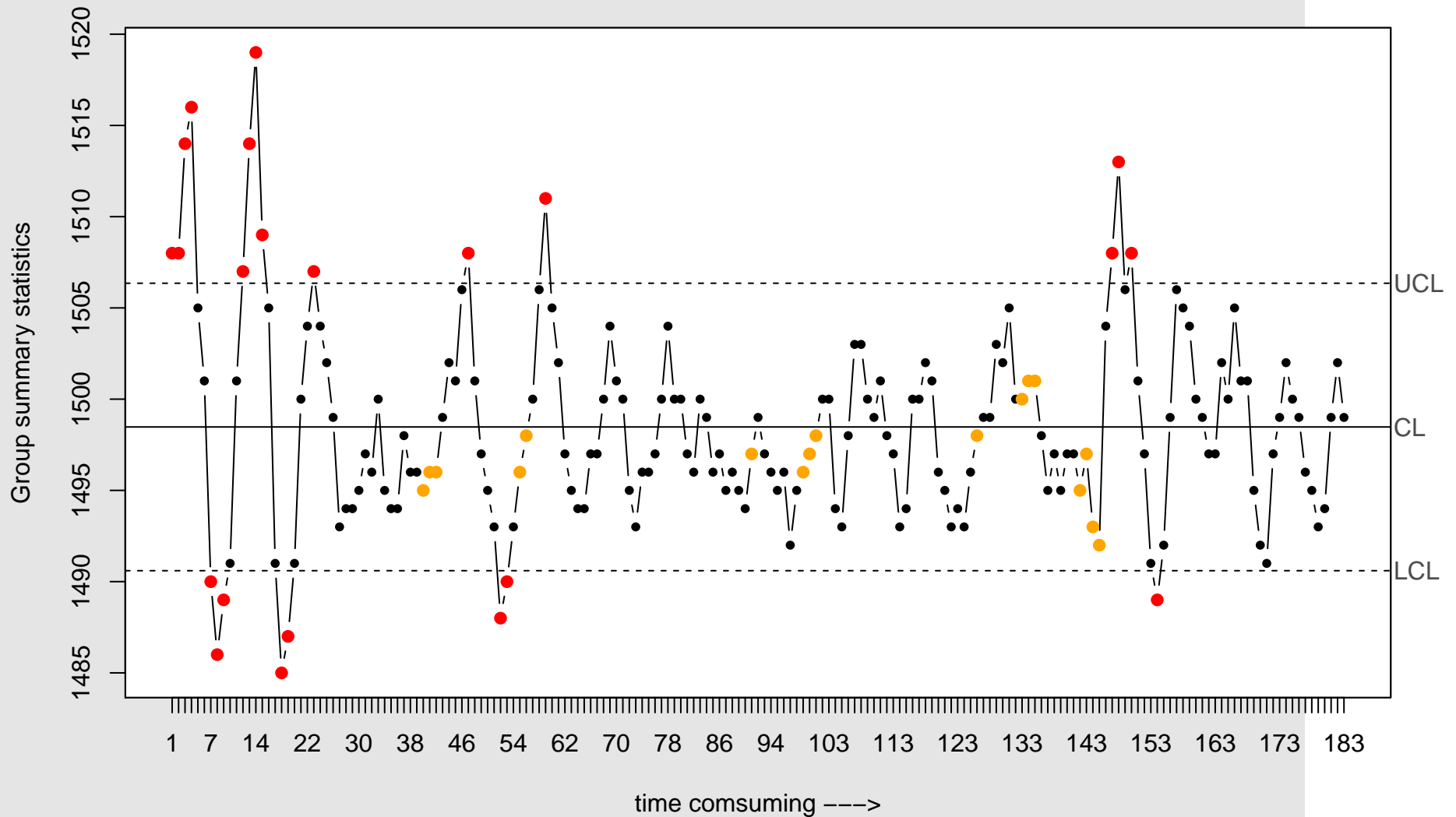
LCL = 1491.142

UCL = 1506.574

Number beyond limits = 27

Number violating runs = 22

### 312th column point of this product



Number of groups = 183

Center = 1498.475

StdDev = 2.625477

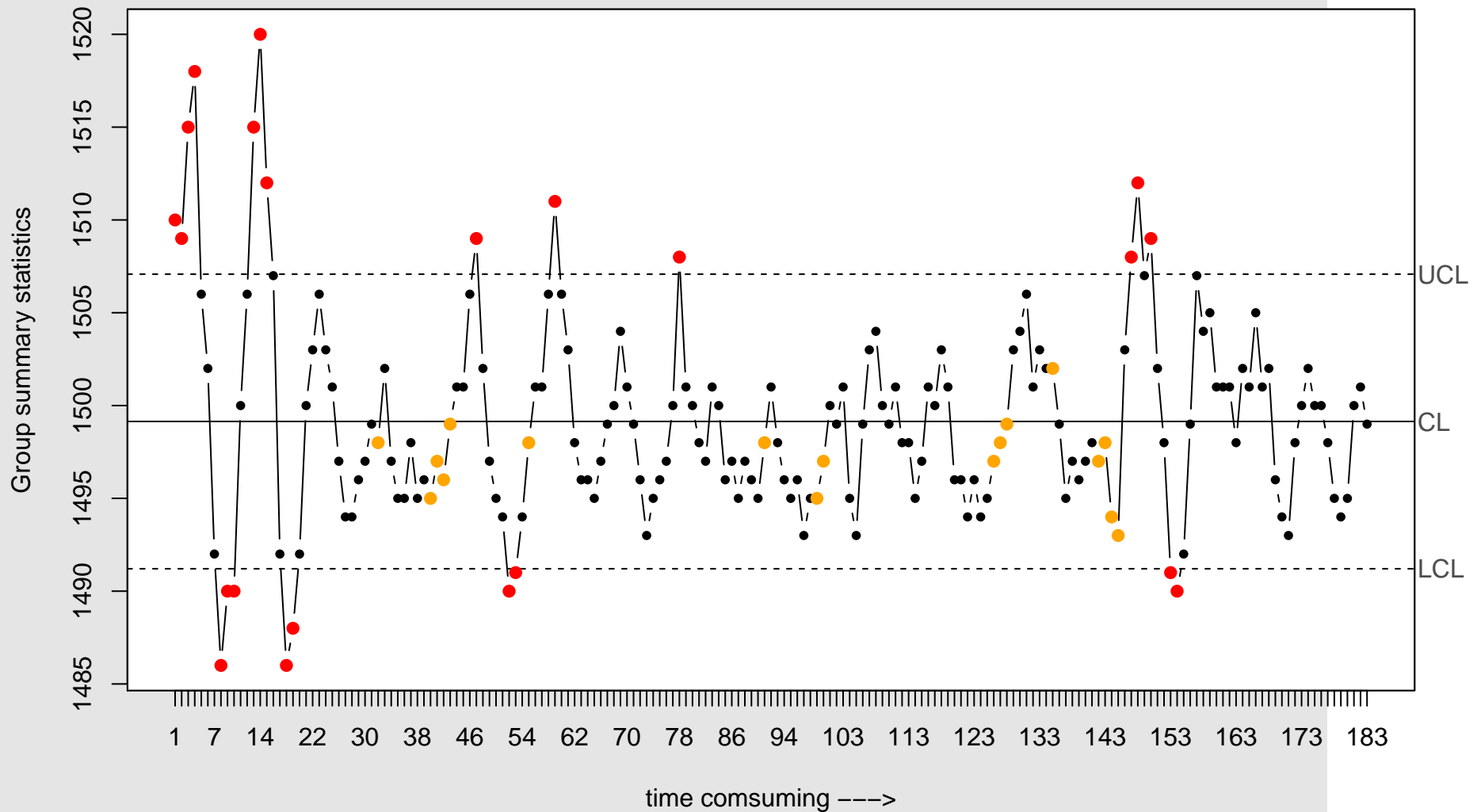
LCL = 1490.599

UCL = 1506.352

Number beyond limits = 22

Number violating runs = 17

### 313th column point of this product



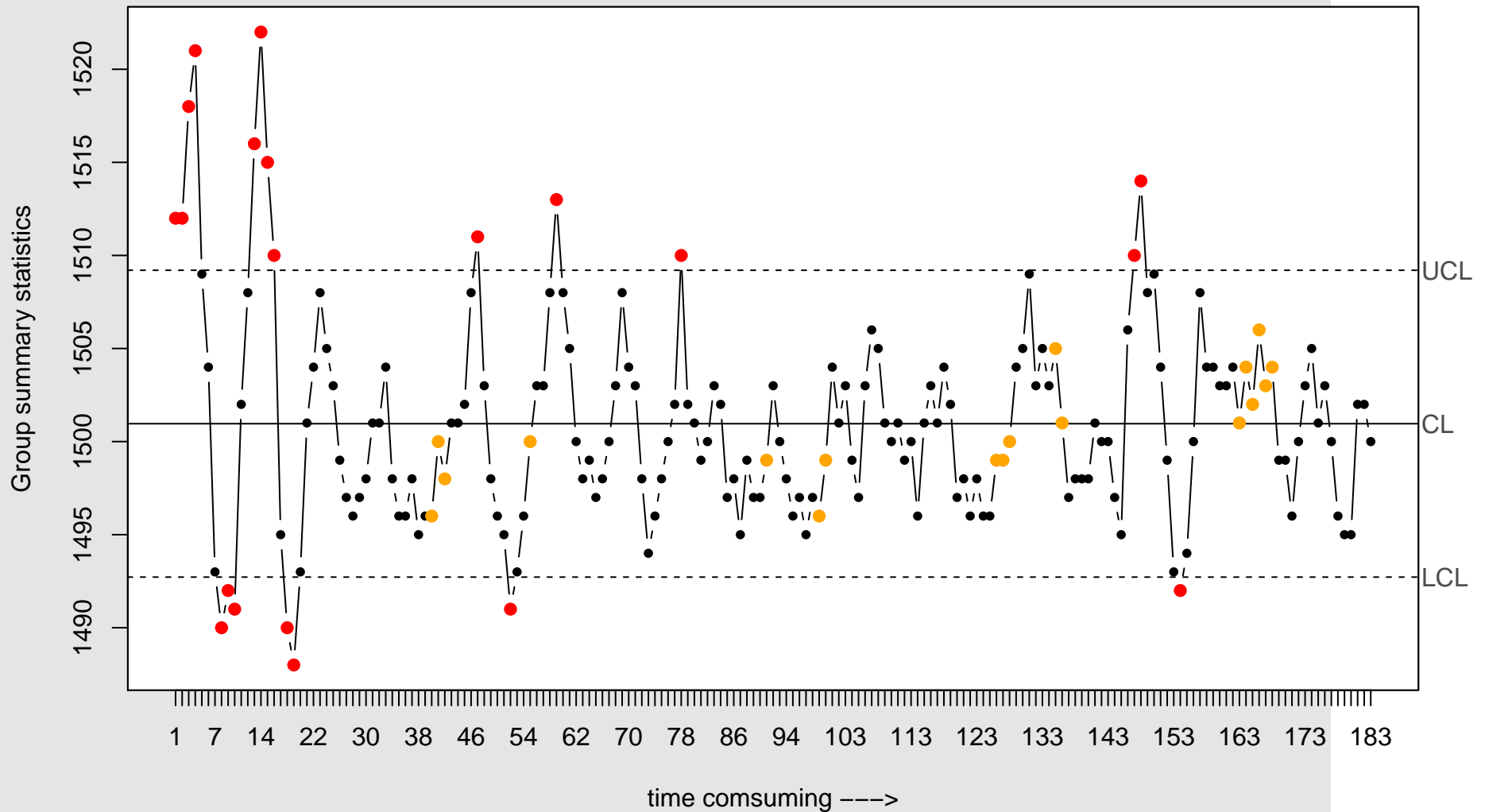
Number of groups = 183  
 Center = 1499.142  
 StdDev = 2.644961

LCL = 1491.207  
 UCL = 1507.077

Number beyond limits = 22  
 Number violating runs = 17



### 314th column point of this product



Number of groups = 183

Center = 1500.962

StdDev = 2.747253

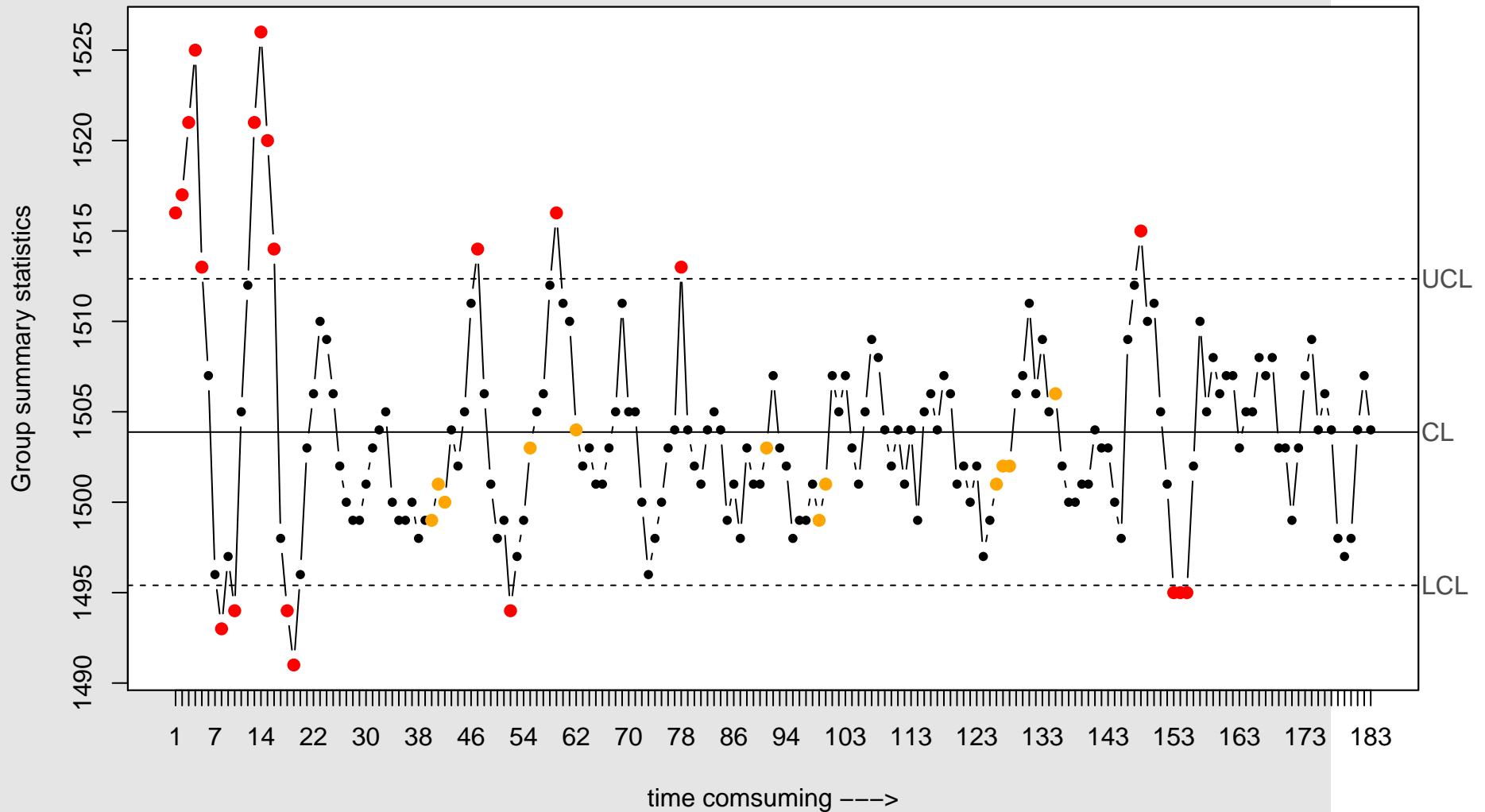
LCL = 1492.72

UCL = 1509.204

Number beyond limits = 20

Number violating runs = 18

### 315th column point of this product



Number of groups = 183

Center = 1503.88

StdDev = 2.825189

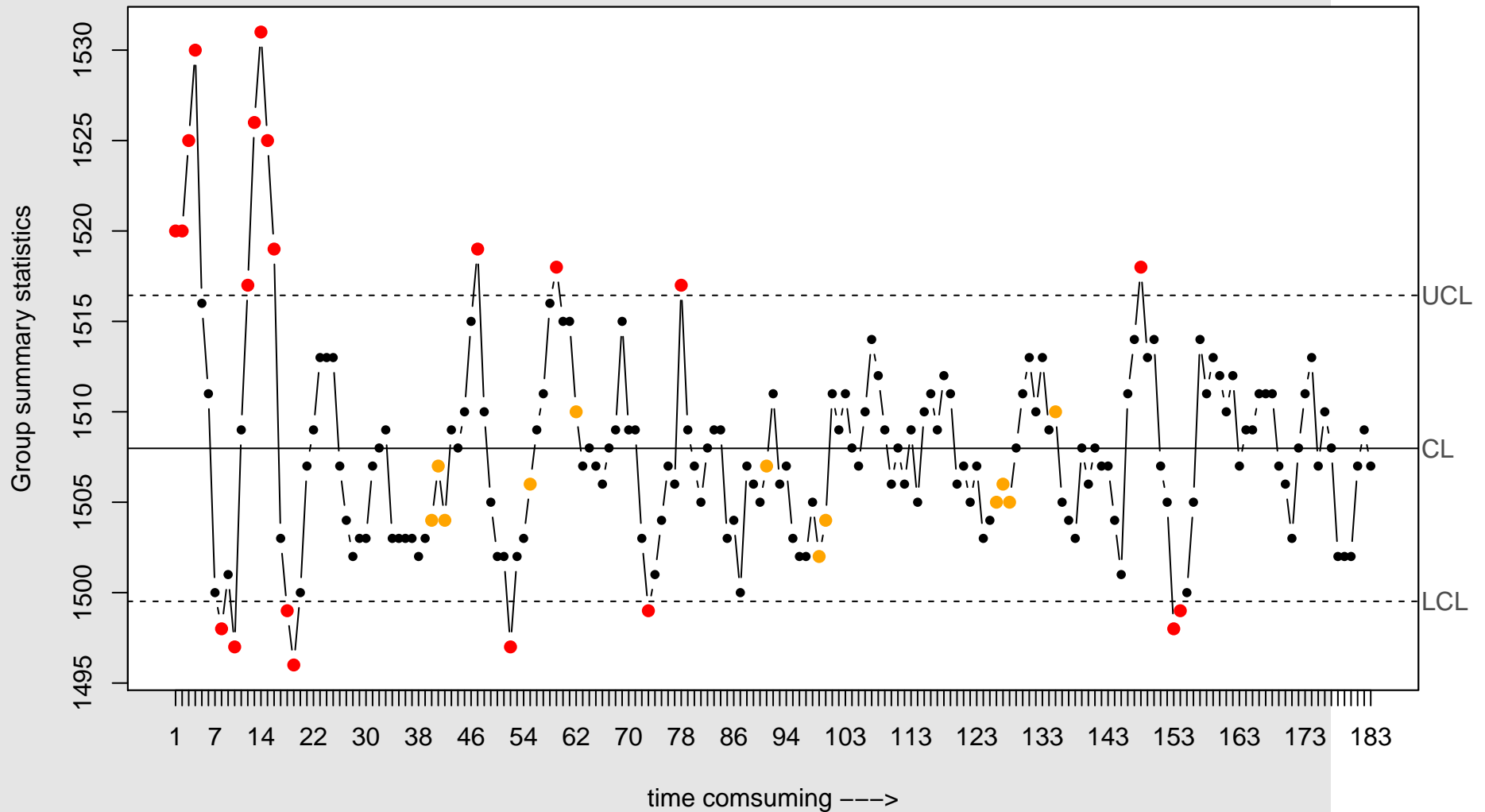
LCL = 1495.404

UCL = 1512.355

Number beyond limits = 21

Number violating runs = 12

### 316th column point of this product



Number of groups = 183

Center = 1507.978

StdDev = 2.820318

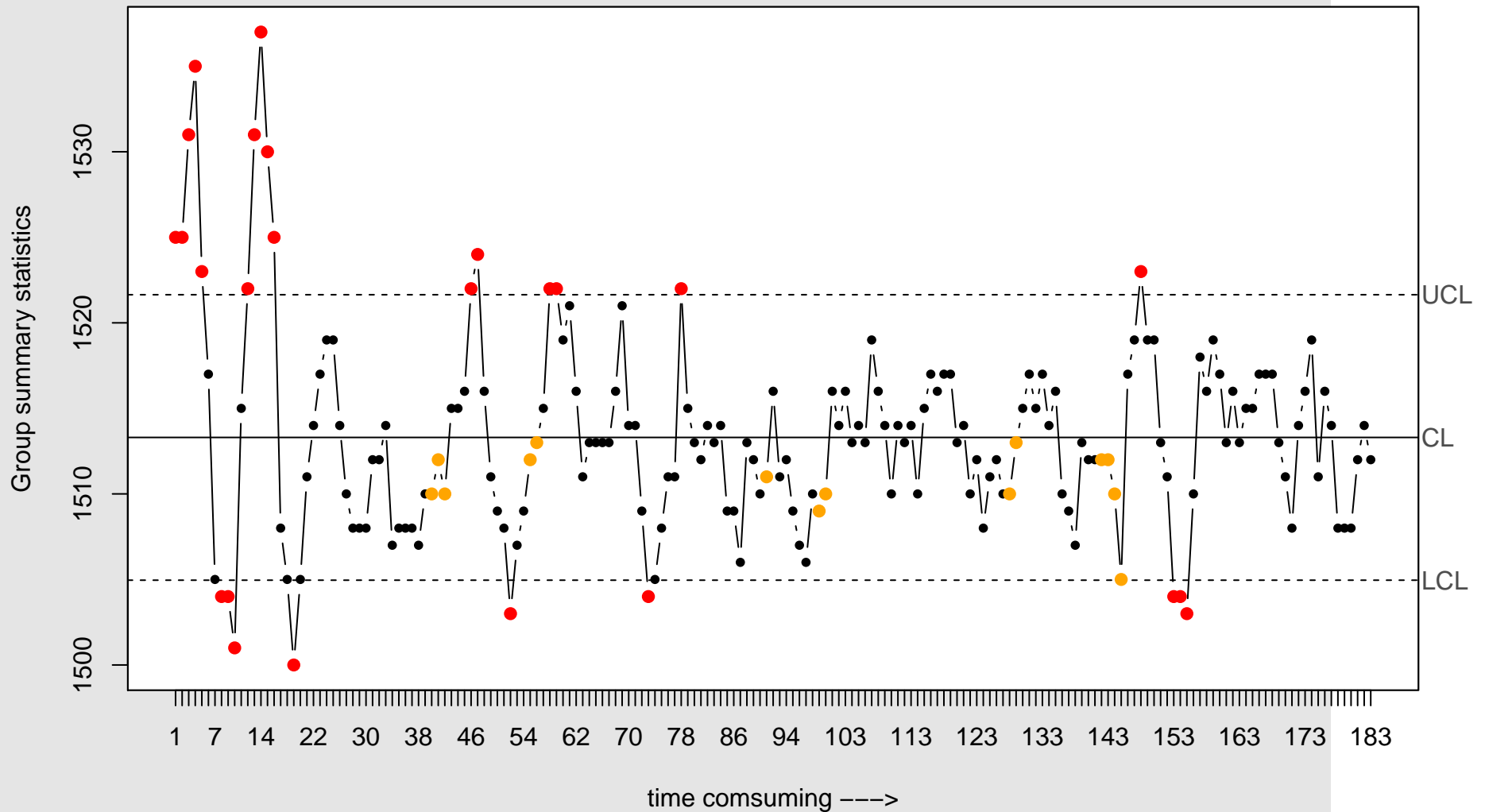
LCL = 1499.517

UCL = 1516.439

Number beyond limits = 21

Number violating runs = 12

### 317th column point of this product



Number of groups = 183

Center = 1513.301

StdDev = 2.78135

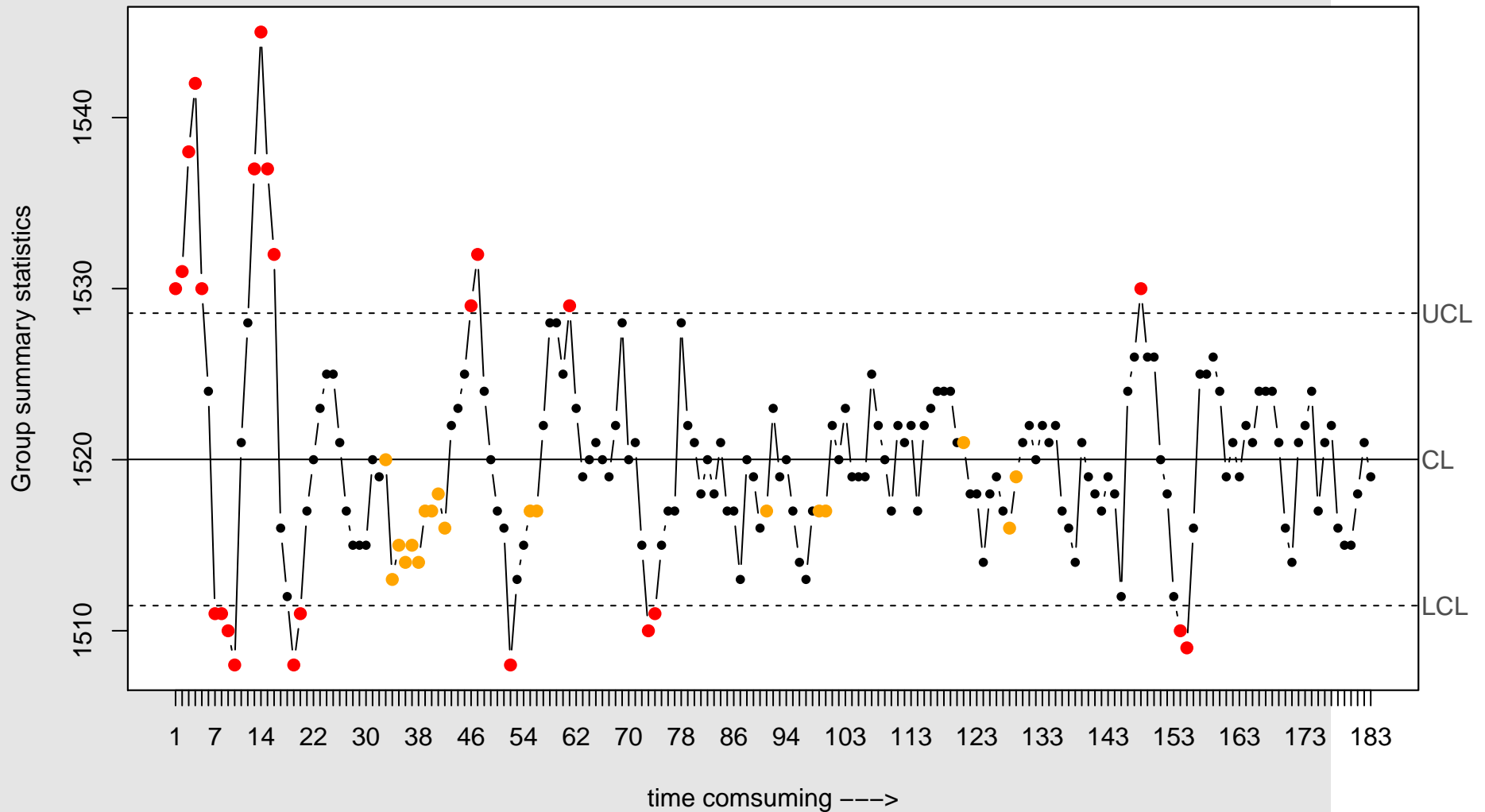
LCL = 1504.956

UCL = 1521.645

Number beyond limits = 25

Number violating runs = 14

### 318th column point of this product

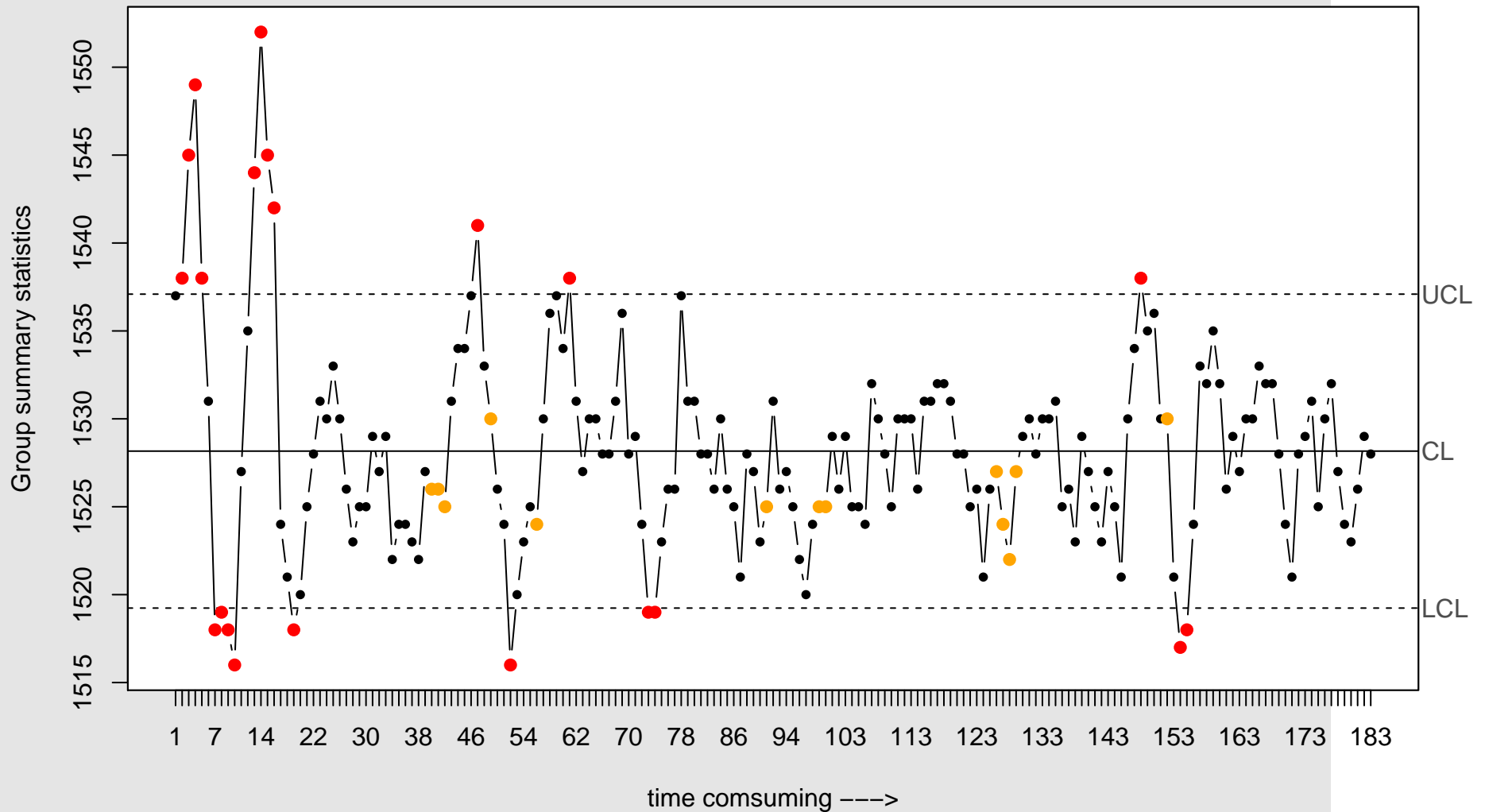


Number of groups = 183  
Center = 1520.016  
StdDev = 2.849544

LCL = 1511.468  
UCL = 1528.565

Number beyond limits = 24  
Number violating runs = 18

### 319th column point of this product



Number of groups = 183

Center = 1528.164

StdDev = 2.97619

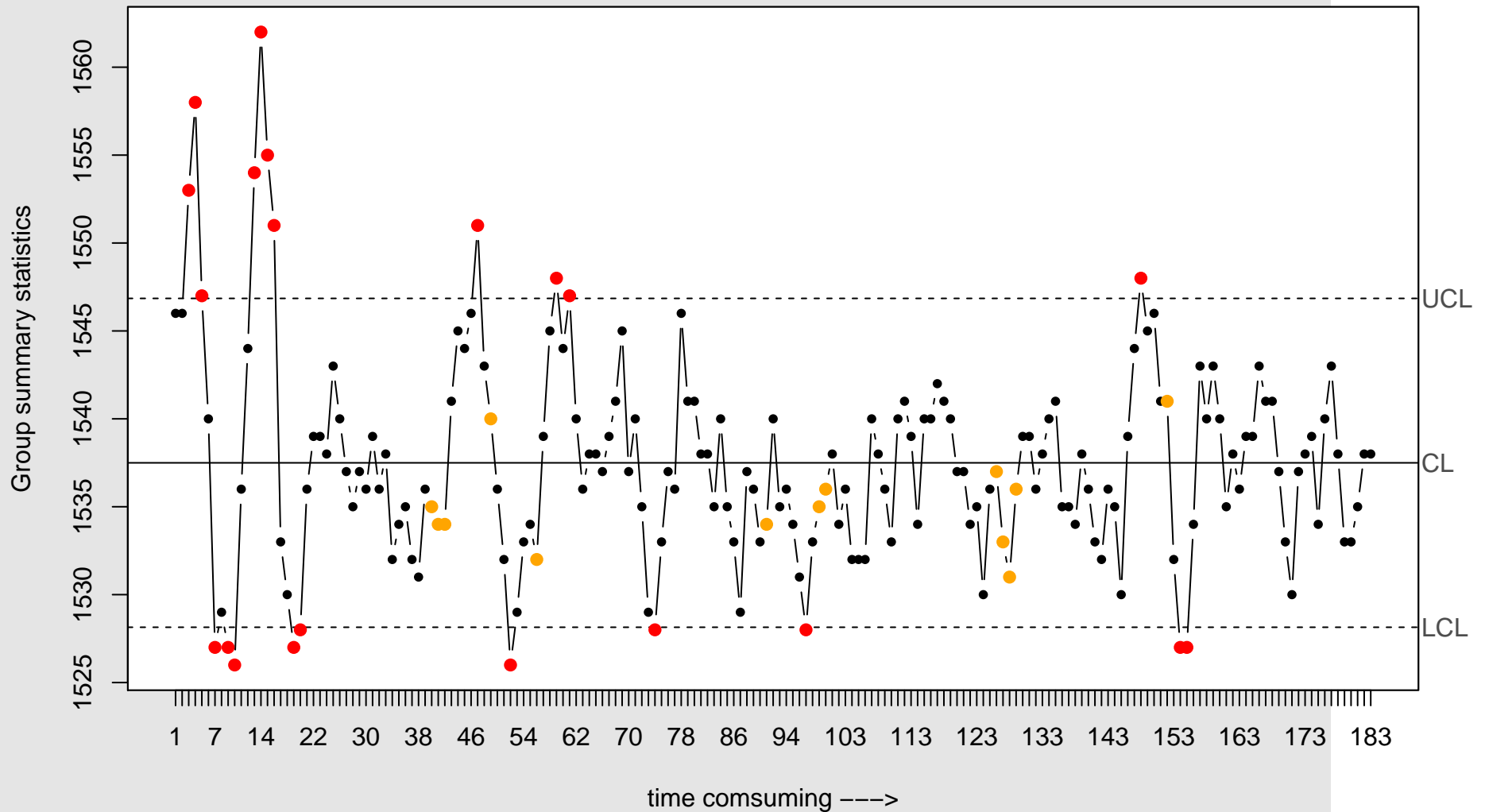
LCL = 1519.235

UCL = 1537.093

Number beyond limits = 21

Number violating runs = 13

### 320th column point of this product

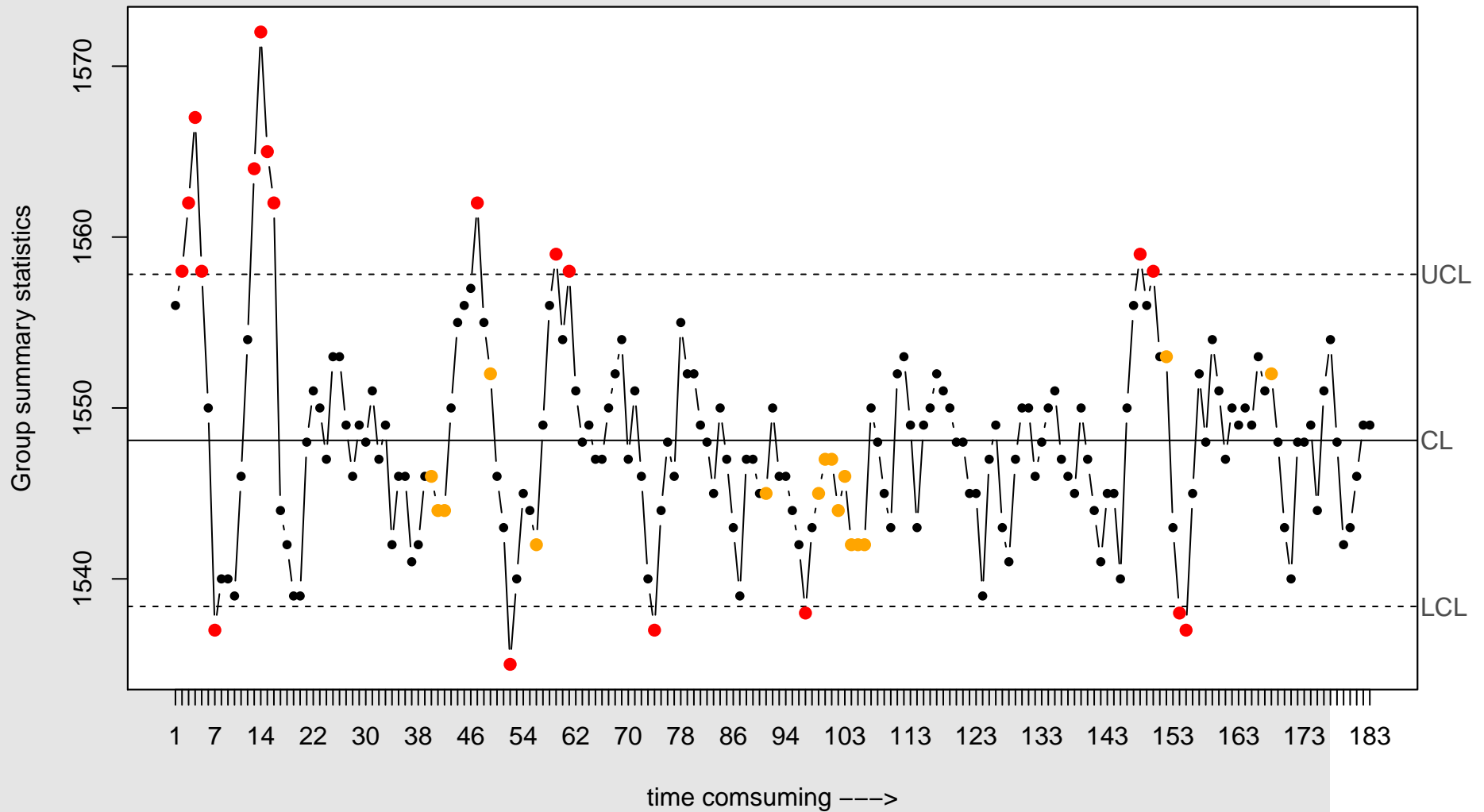


Number of groups = 183  
Center = 1537.497  
StdDev = 3.11745

LCL = 1528.145  
UCL = 1546.85

Number beyond limits = 21  
Number violating runs = 13

### 321th column point of this product



Number of groups = 183

Center = 1548.104

StdDev = 3.239225

LCL = 1538.386

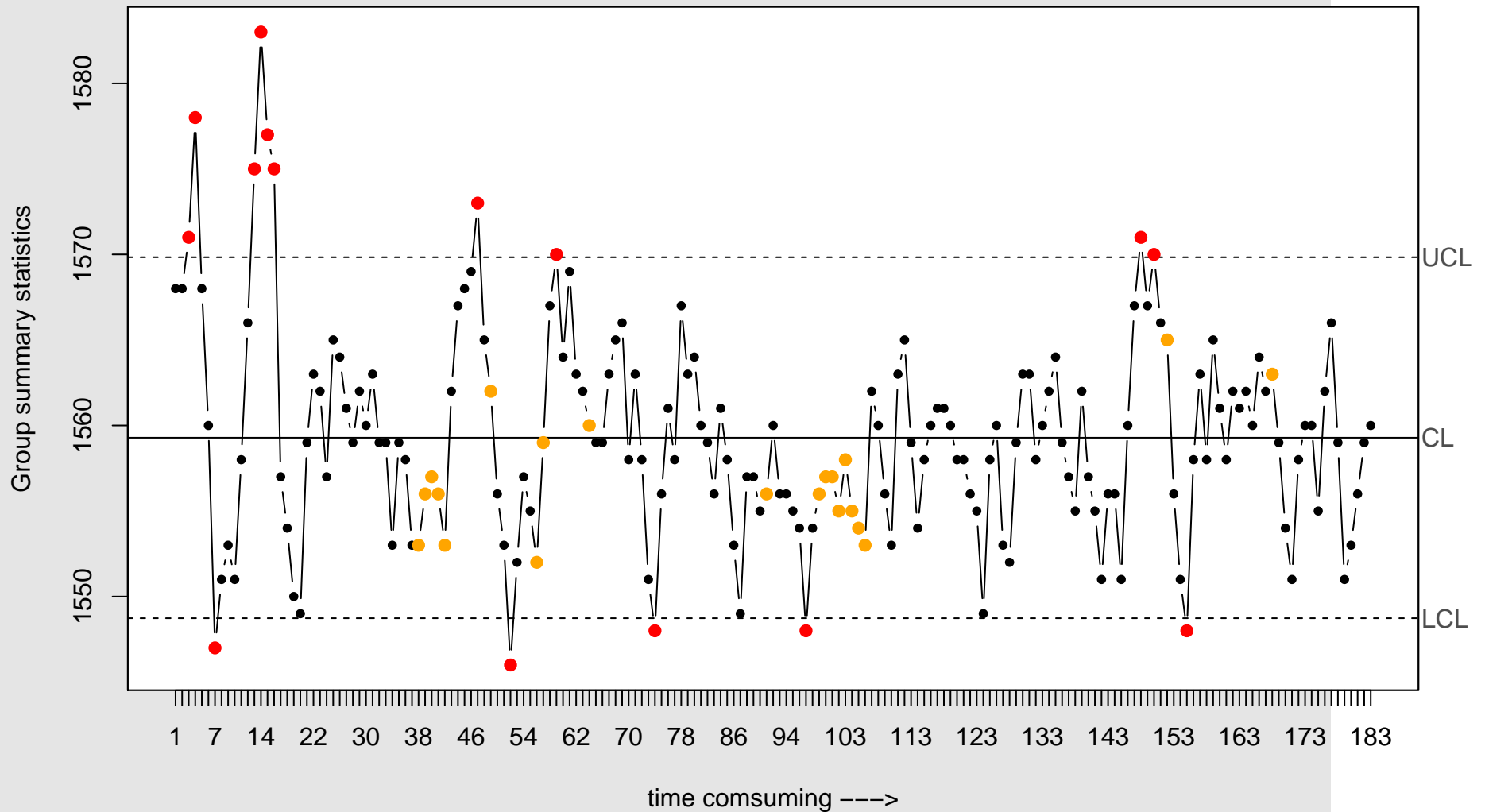
UCL = 1557.822

Number beyond limits = 19

Number violating runs = 16



### 322th column point of this product



Number of groups = 183

Center = 1559.284

StdDev = 3.516873

LCL = 1548.734

UCL = 1569.835

Number beyond limits = 15

Number violating runs = 20