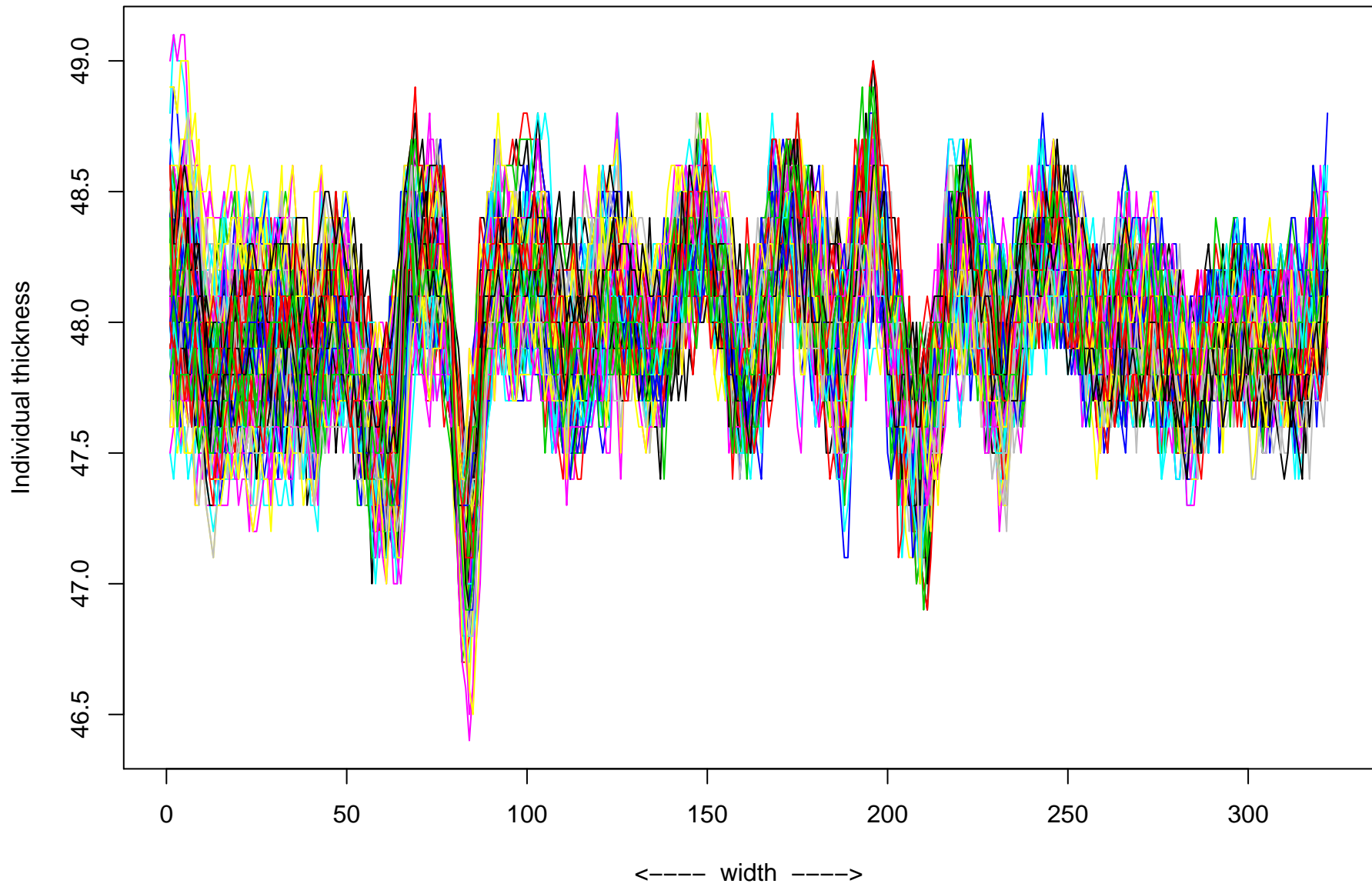
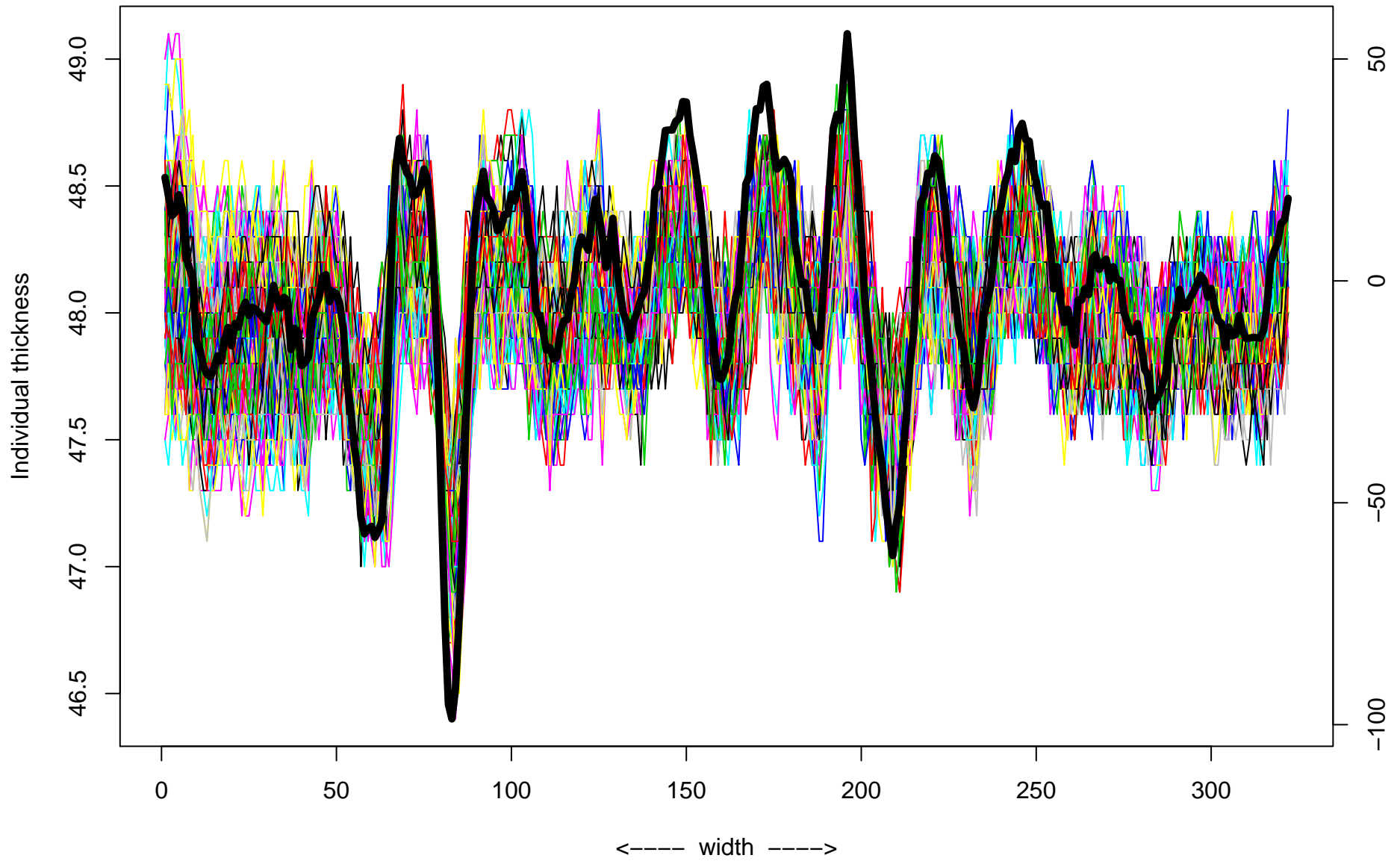


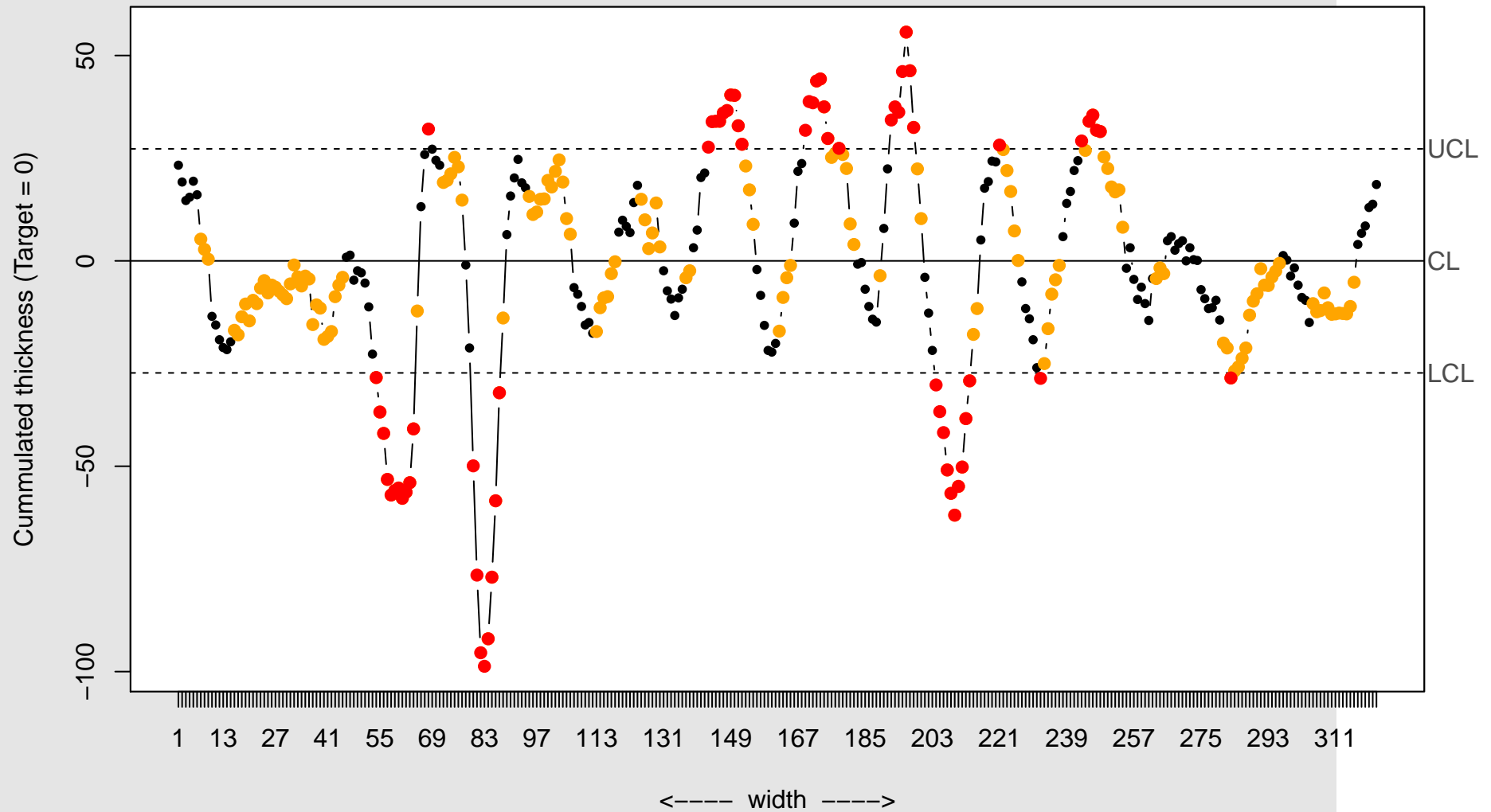
Individual thickness only



Simulated thickness



Simulated thickness



Number of groups = 322

Center = 0

StdDev = 4.546132

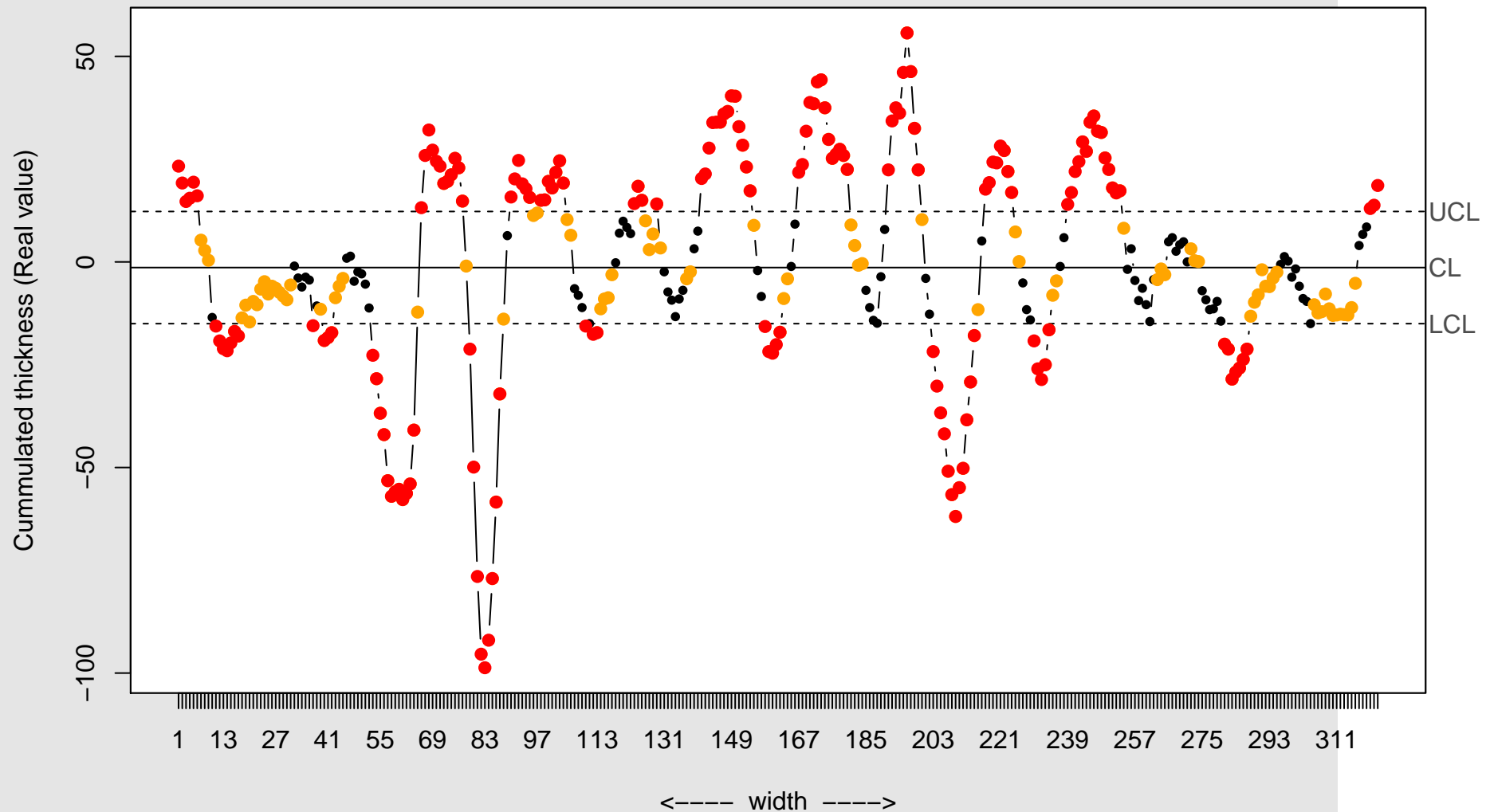
LCL = -27.27679

UCL = 27.27679

Number beyond limits = 63

Number violating runs = 175

Simulated thickness: Cpk is 0.4334 and z is -0.1999.

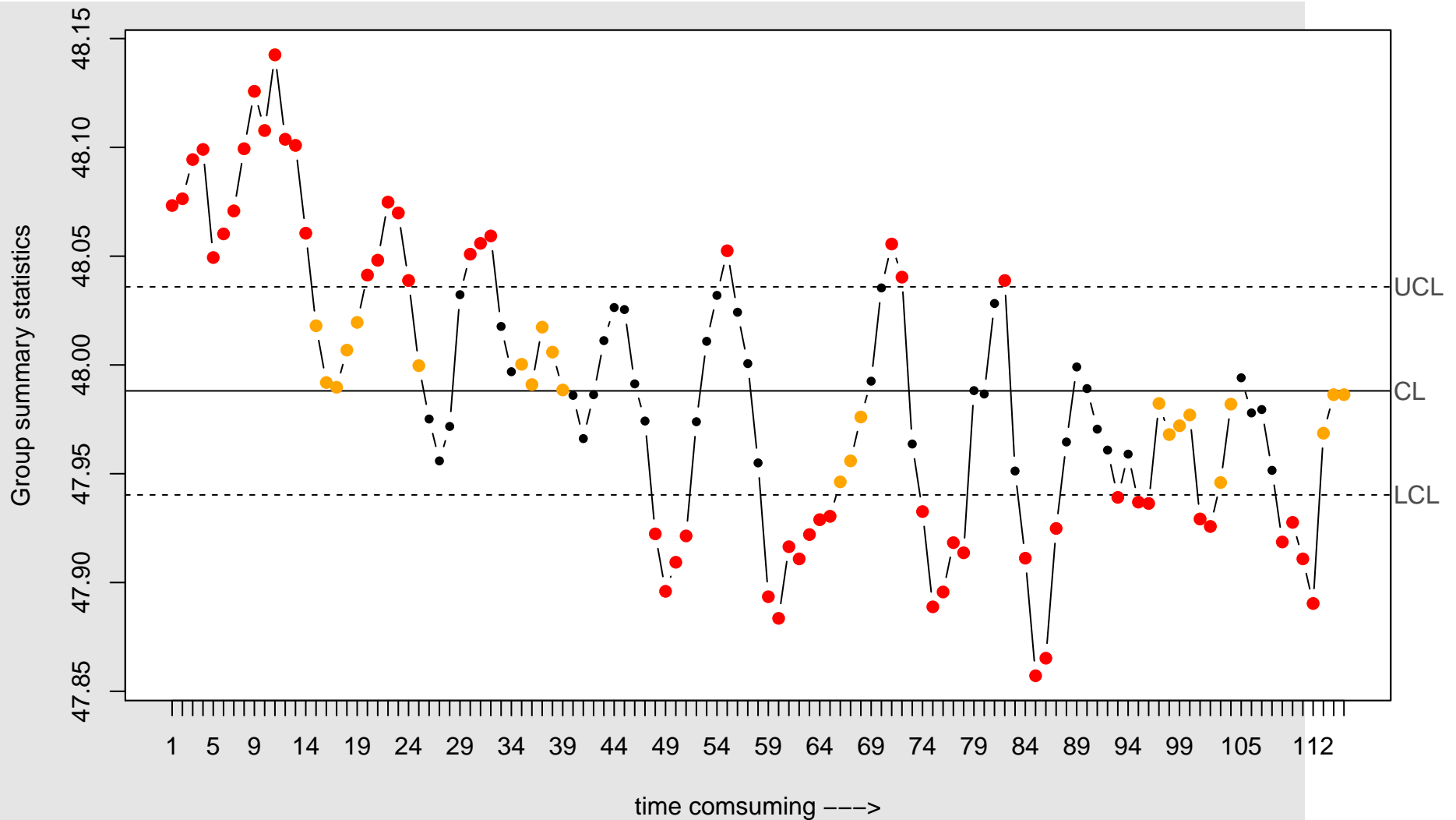


Number of groups = 322
Center = -1.370807
StdDev = 4.546132

LCL = -15.0092
UCL = 12.26759

Number beyond limits = 162
Number violating runs = 171

X-bar chart for a given dataset



Number of groups = 115

Center = 47.98808

StdDev = 0.2860255

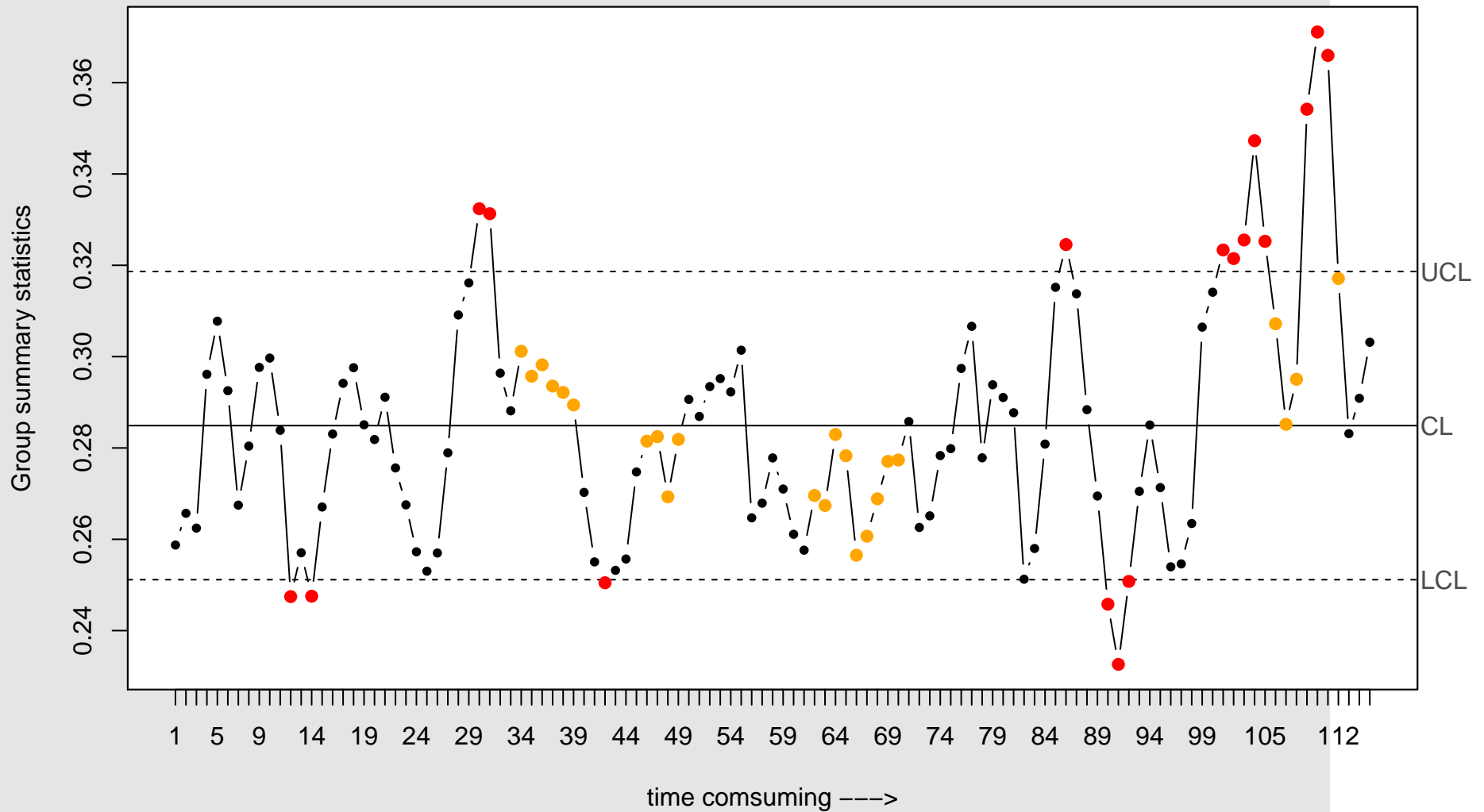
LCL = 47.94026

UCL = 48.0359

Number beyond limits = 55

Number violating runs = 41

S chart for a given dataset

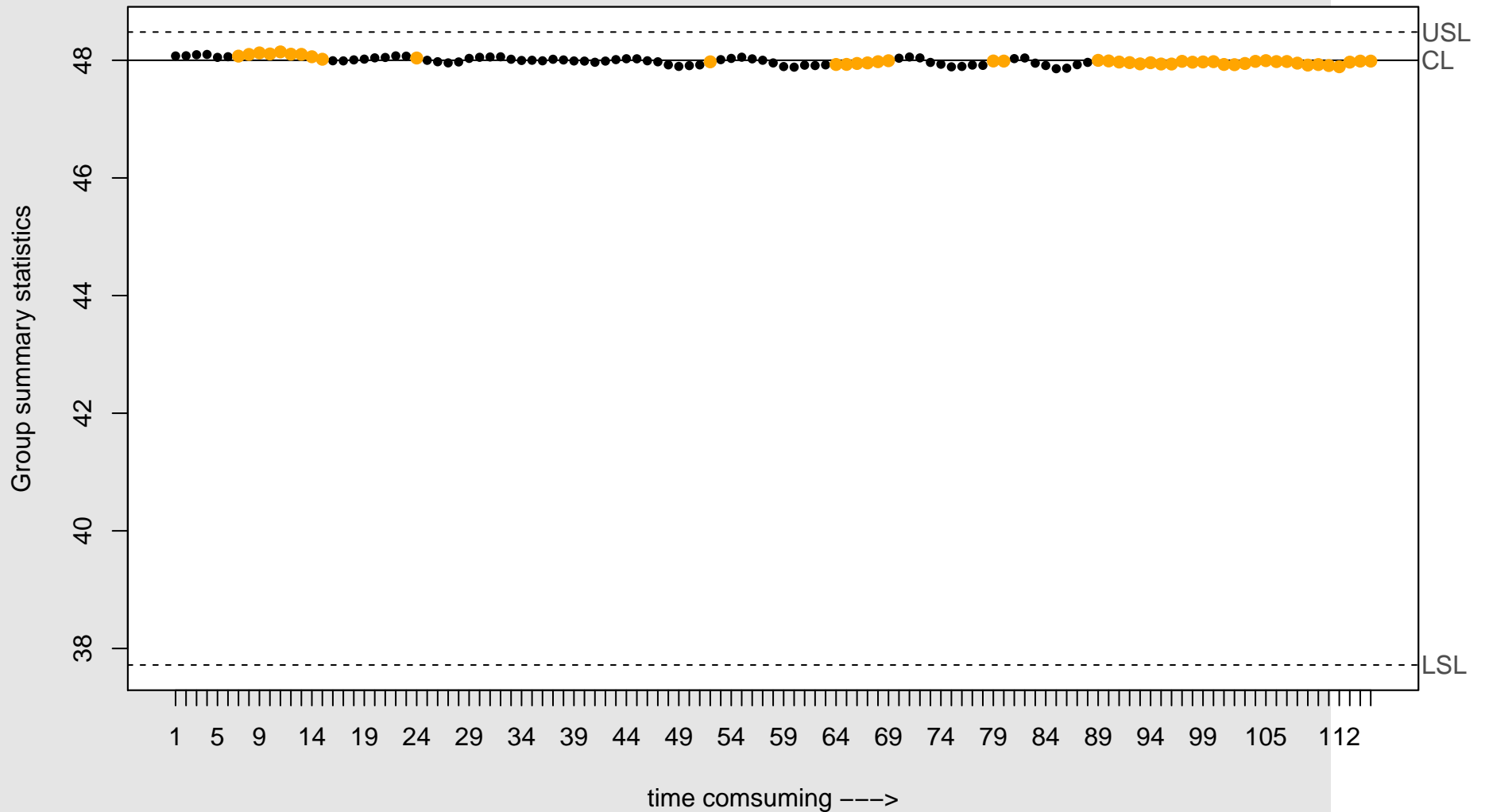


Number of groups = 115
Center = 0.2848948
StdDev = 0.2851167

LCL = 0.25115
UCL = 0.3186396

Number beyond limits = 17
Number violating runs = 27

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



Number of groups = 115

Center = 48

StdDev = 0.2860255

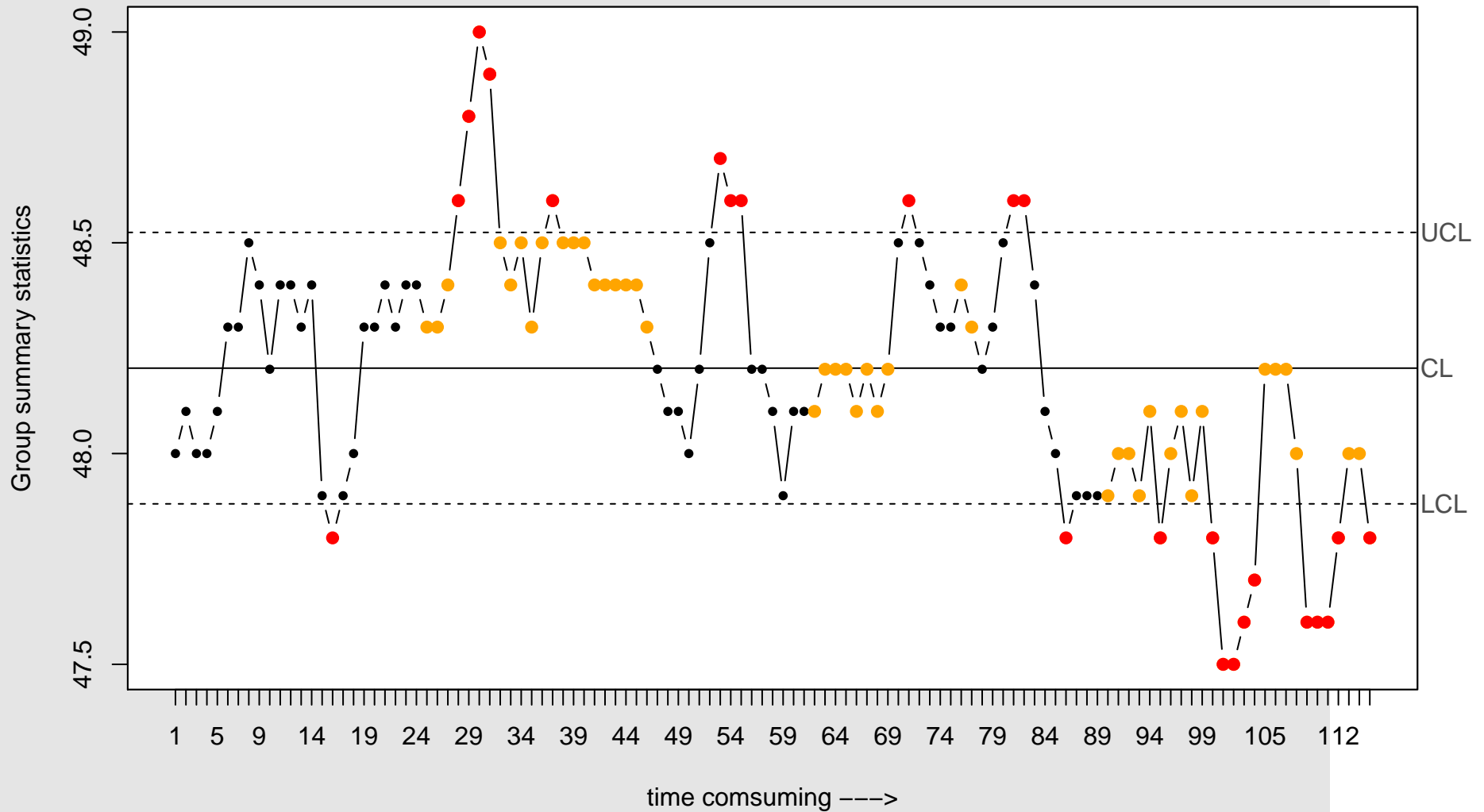
LCL = 37.72

UCL = 48.48

Number beyond limits = 0

Number violating runs = 46

1th column point of this product

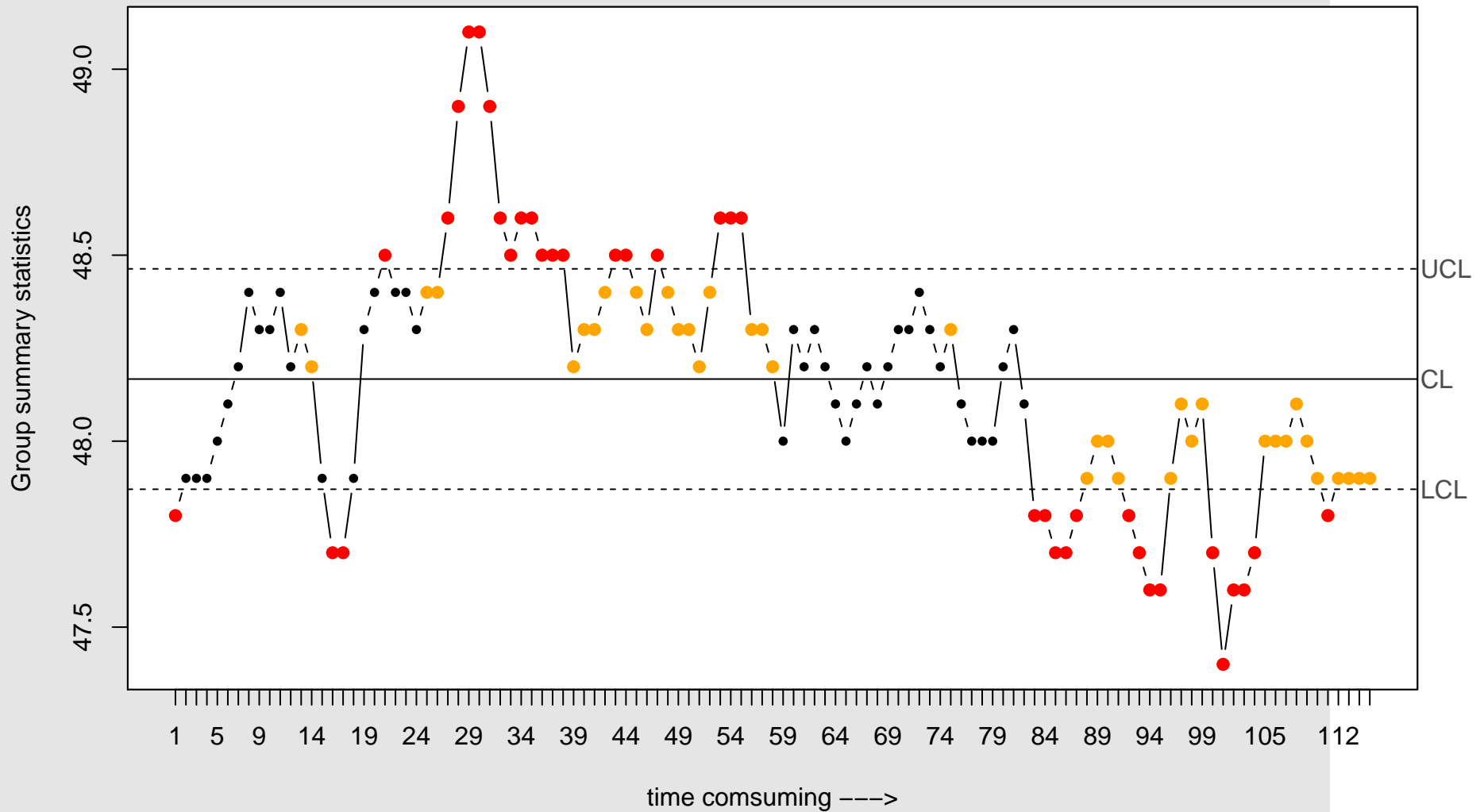


Number of groups = 115
 Center = 48.20261
 StdDev = 0.1073162

LCL = 47.88066
 UCL = 48.52456

Number beyond limits = 24
 Number violating runs = 58

2th column point of this product



Number of groups = 115

Center = 48.16696

StdDev = 0.09876198

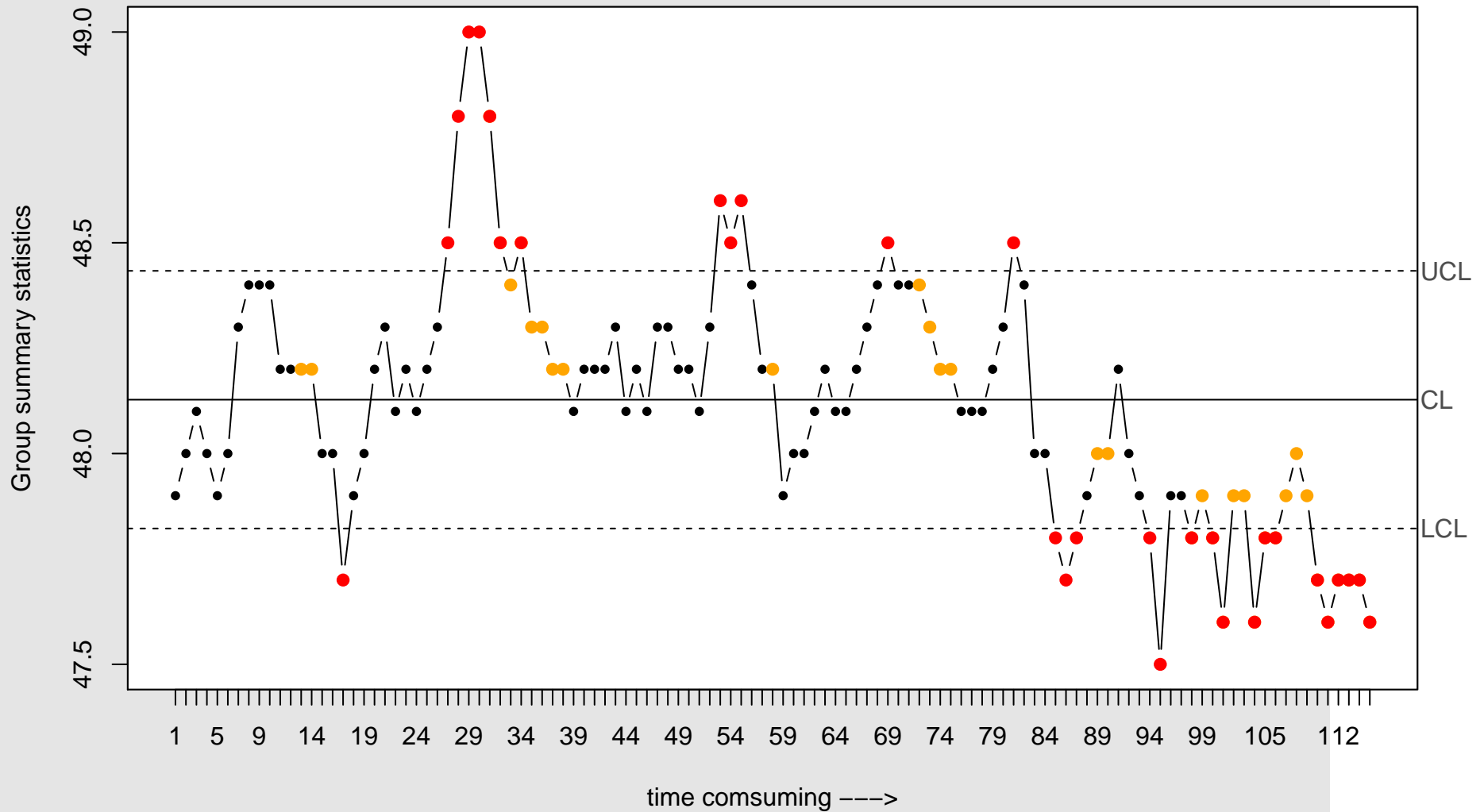
LCL = 47.87067

UCL = 48.46324

Number beyond limits = 37

Number violating runs = 65

3th column point of this product



Number of groups = 115

Center = 48.12783

StdDev = 0.1018726

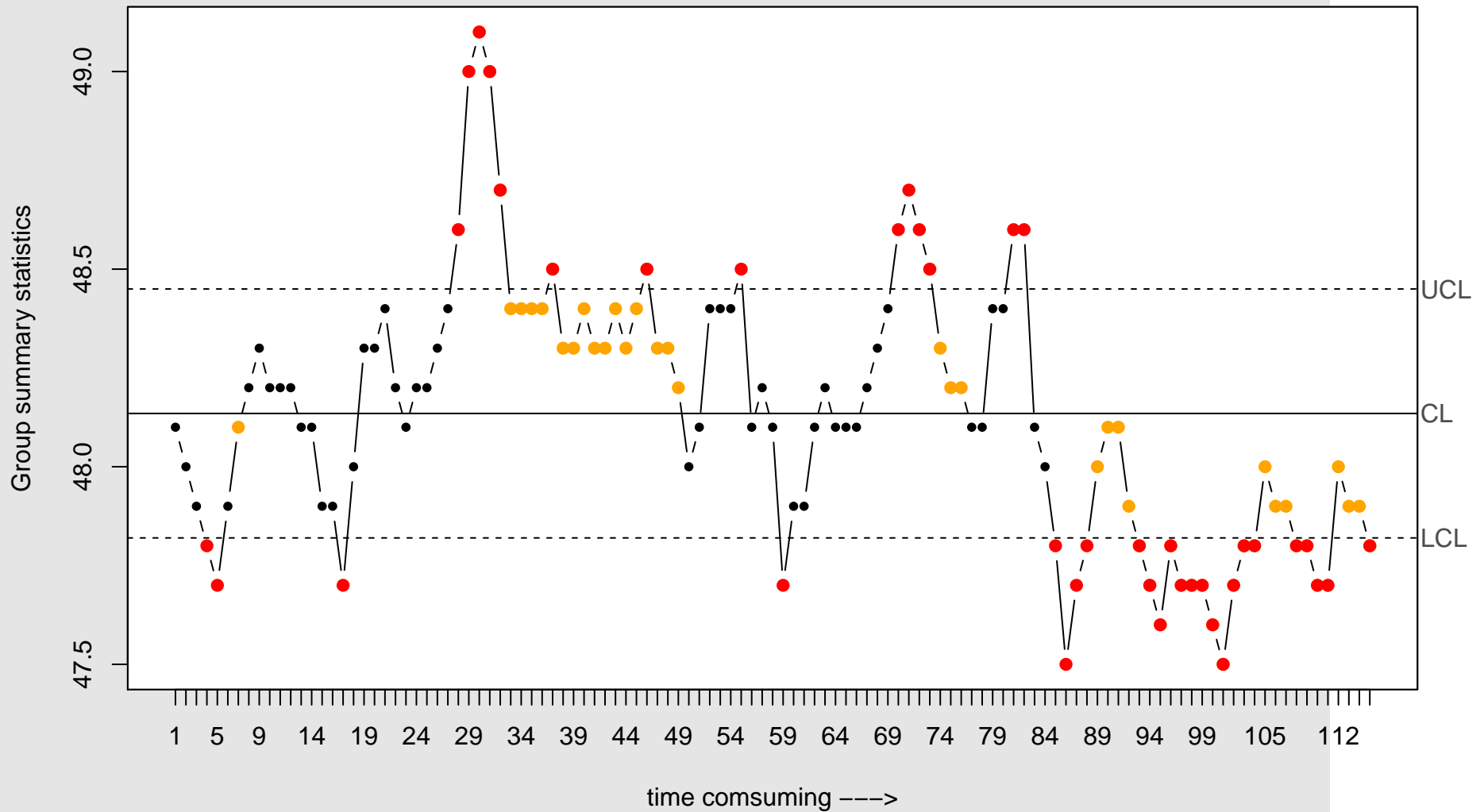
LCL = 47.82221

UCL = 48.43344

Number beyond limits = 30

Number violating runs = 35

4th column point of this product



Number of groups = 115

Center = 48.13478

StdDev = 0.1049832

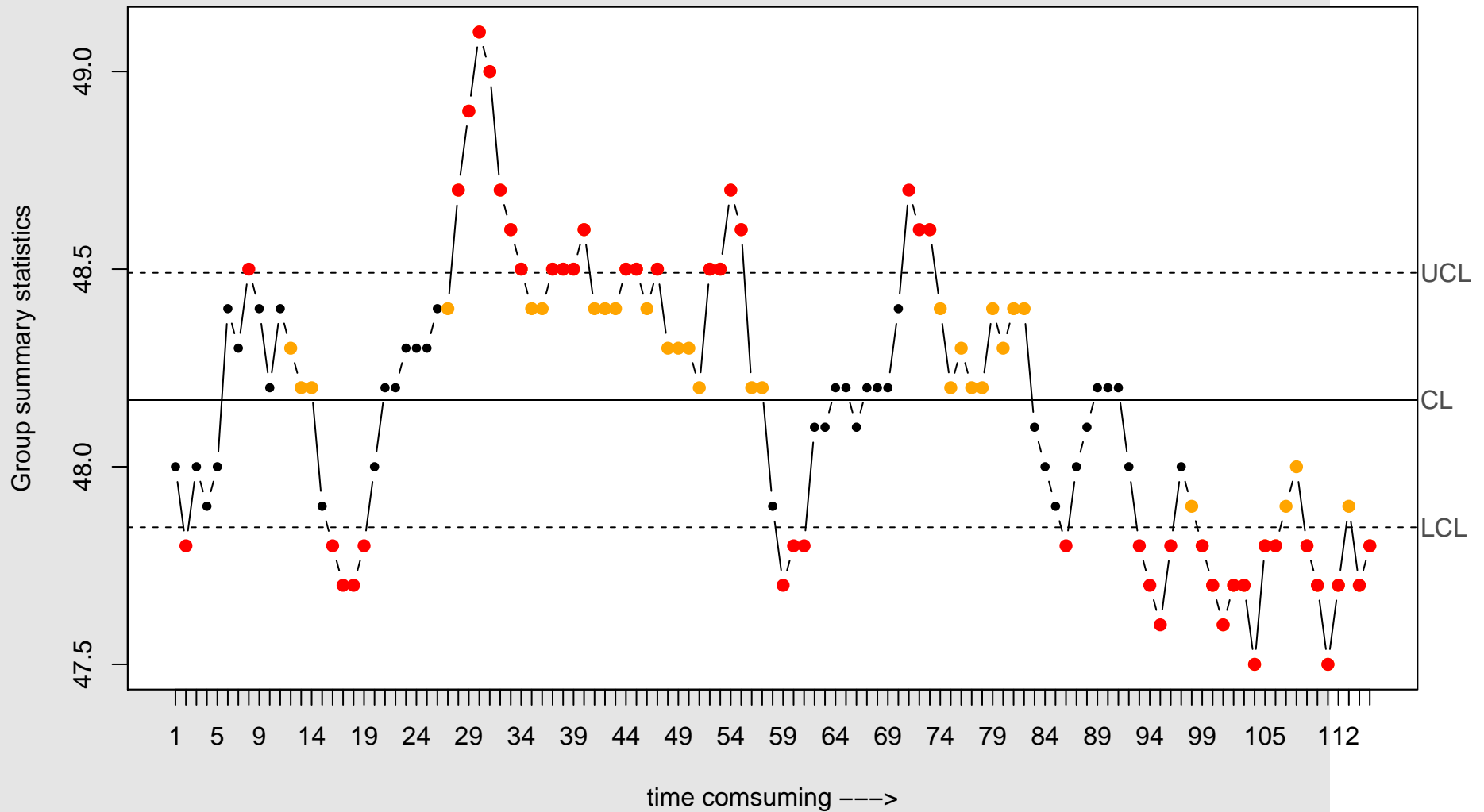
LCL = 47.81983

UCL = 48.44973

Number beyond limits = 39

Number violating runs = 52

5th column point of this product



Number of groups = 115

Center = 48.1687

StdDev = 0.1073162

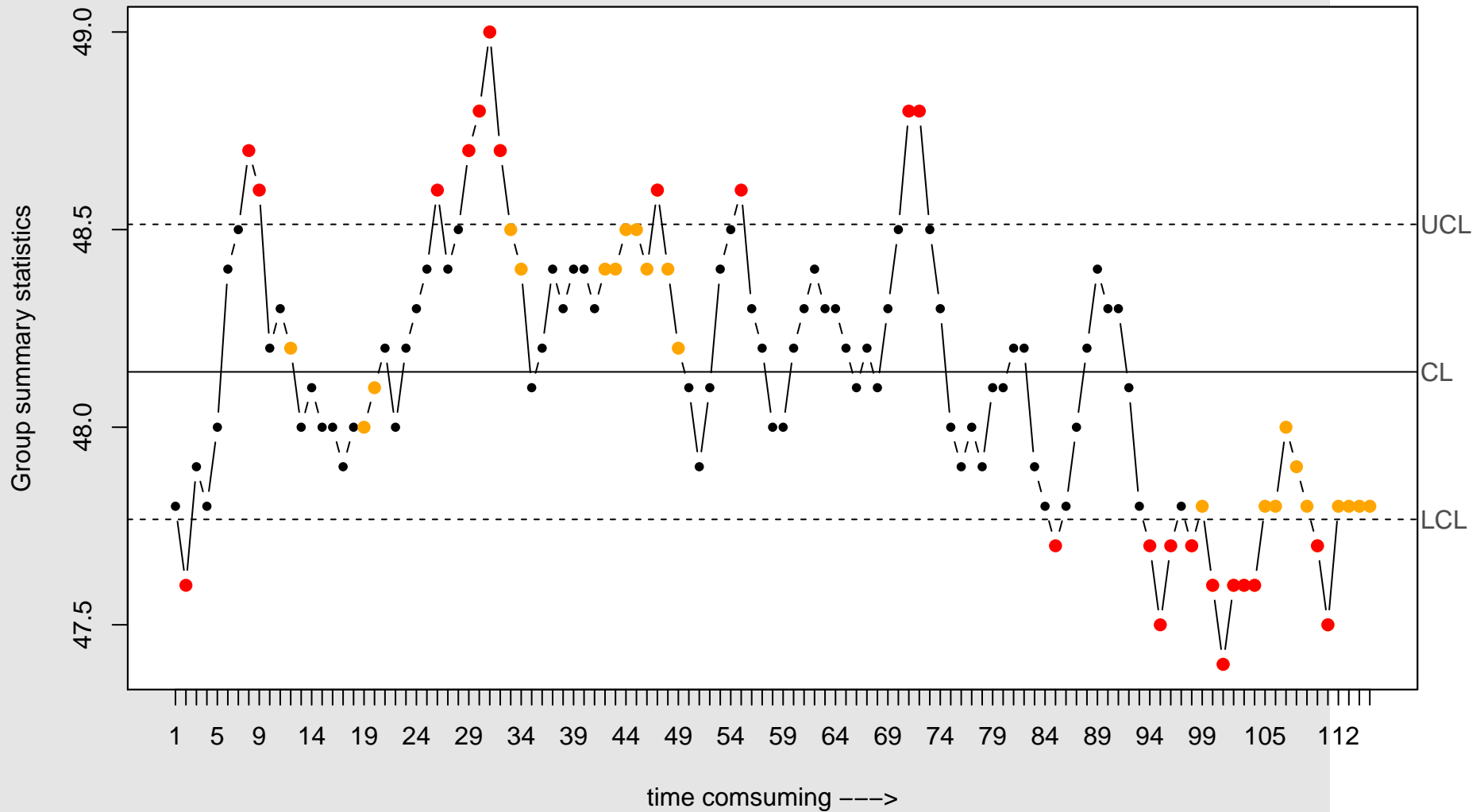
LCL = 47.84675

UCL = 48.49064

Number beyond limits = 49

Number violating runs = 62

6th column point of this product

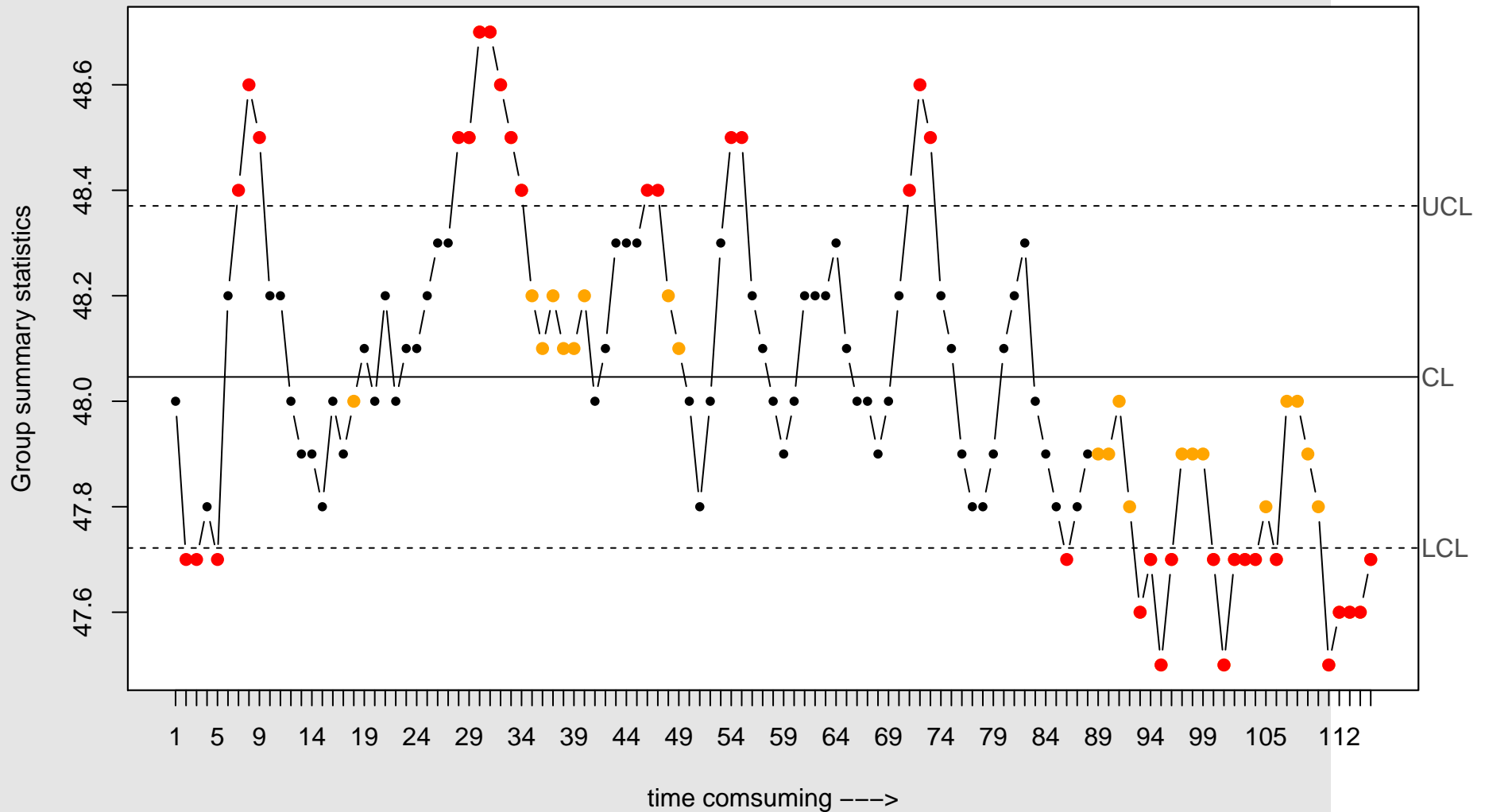


Number of groups = 115
 Center = 48.14
 StdDev = 0.1244245

LCL = 47.76673
 UCL = 48.51327

Number beyond limits = 24
 Number violating runs = 35

7th column point of this product

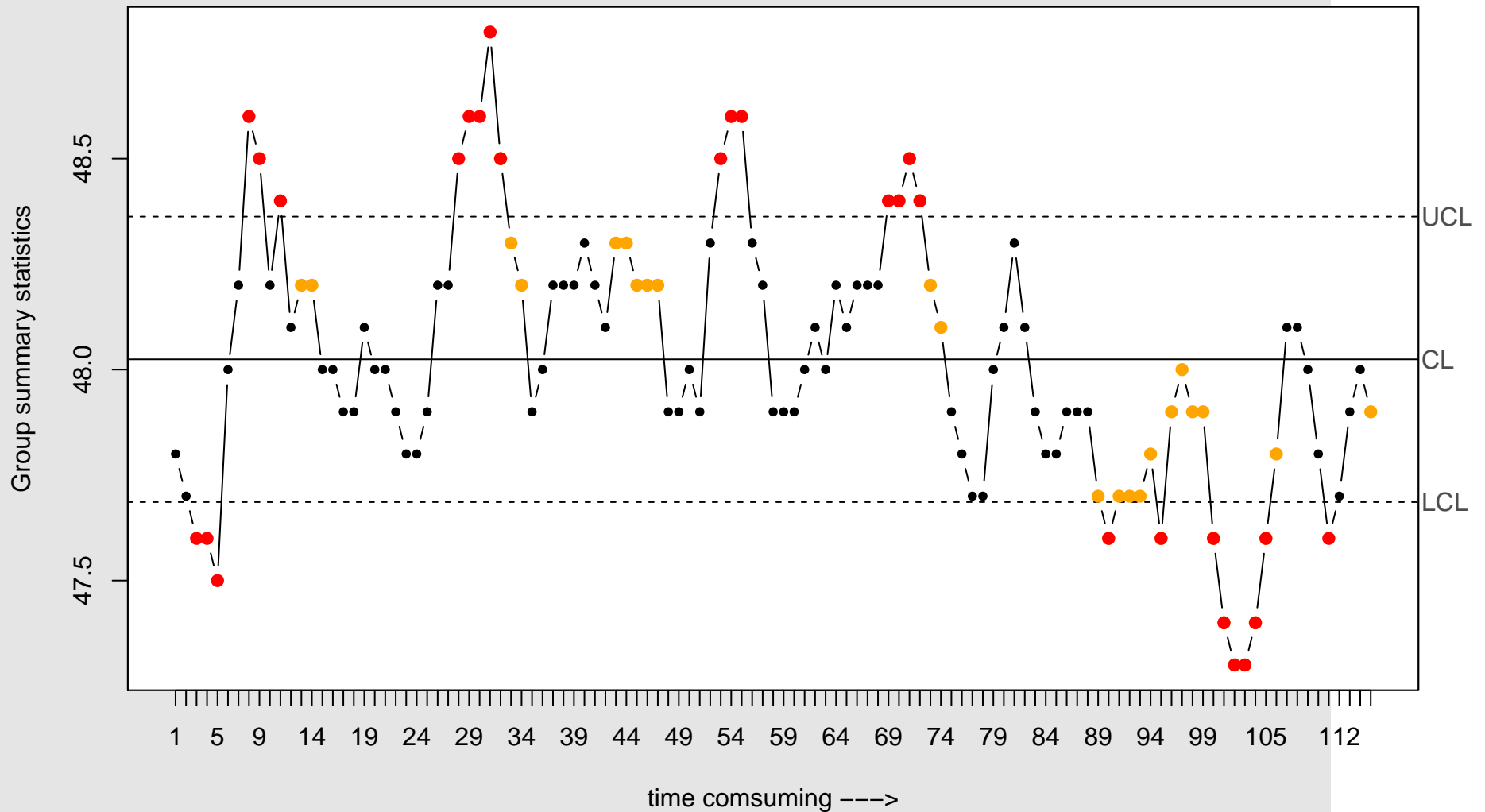


Number of groups = 115
 Center = 48.04609
 StdDev = 0.1080938

LCL = 47.72181
 UCL = 48.37037

Number beyond limits = 36
 Number violating runs = 42

8th column point of this product



Number of groups = 115

Center = 48.02435

StdDev = 0.1127597

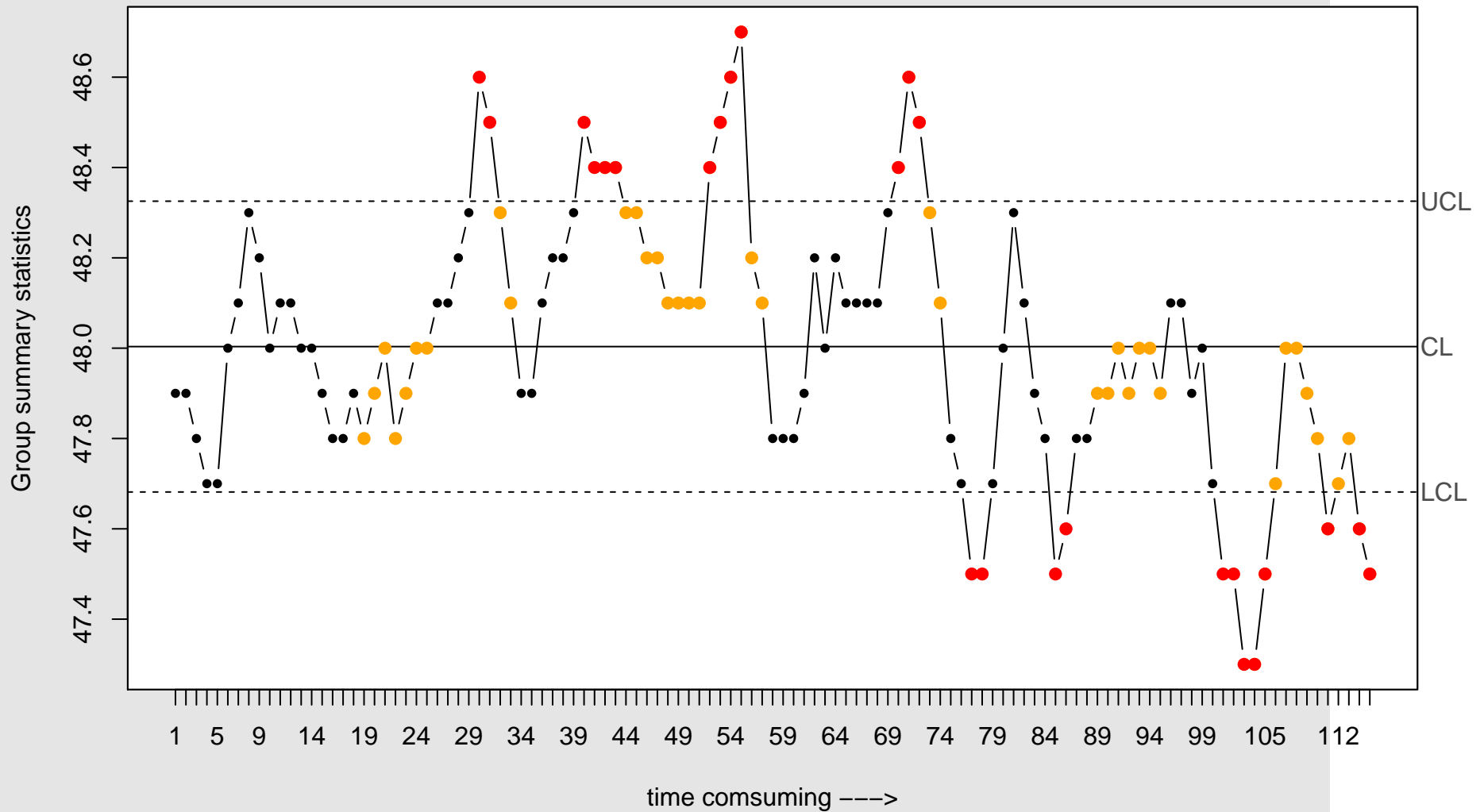
LCL = 47.68607

UCL = 48.36263

Number beyond limits = 27

Number violating runs = 34

9th column point of this product



Number of groups = 115

Center = 48.00348

StdDev = 0.1073162

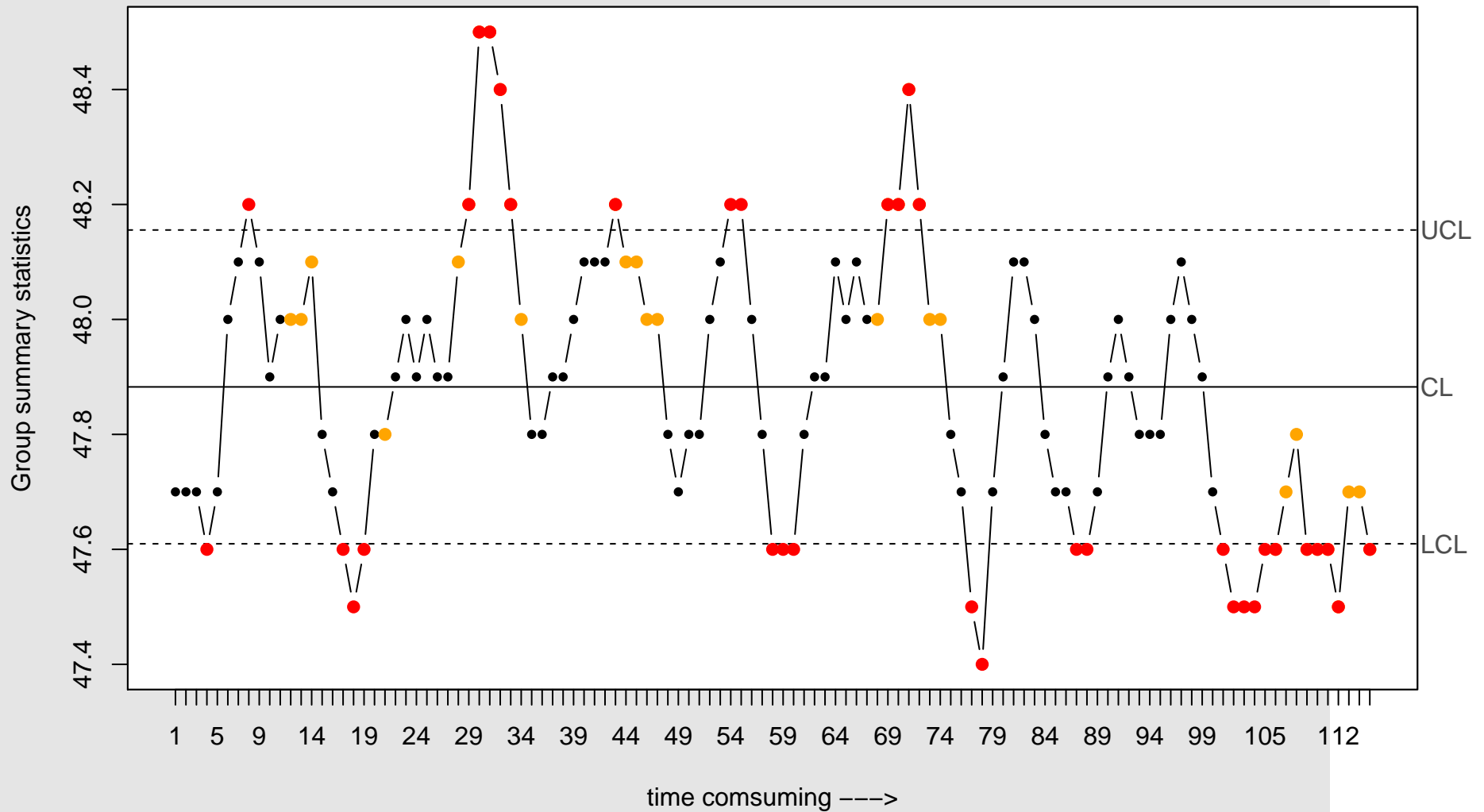
LCL = 47.68153

UCL = 48.32543

Number beyond limits = 25

Number violating runs = 49

10th column point of this product

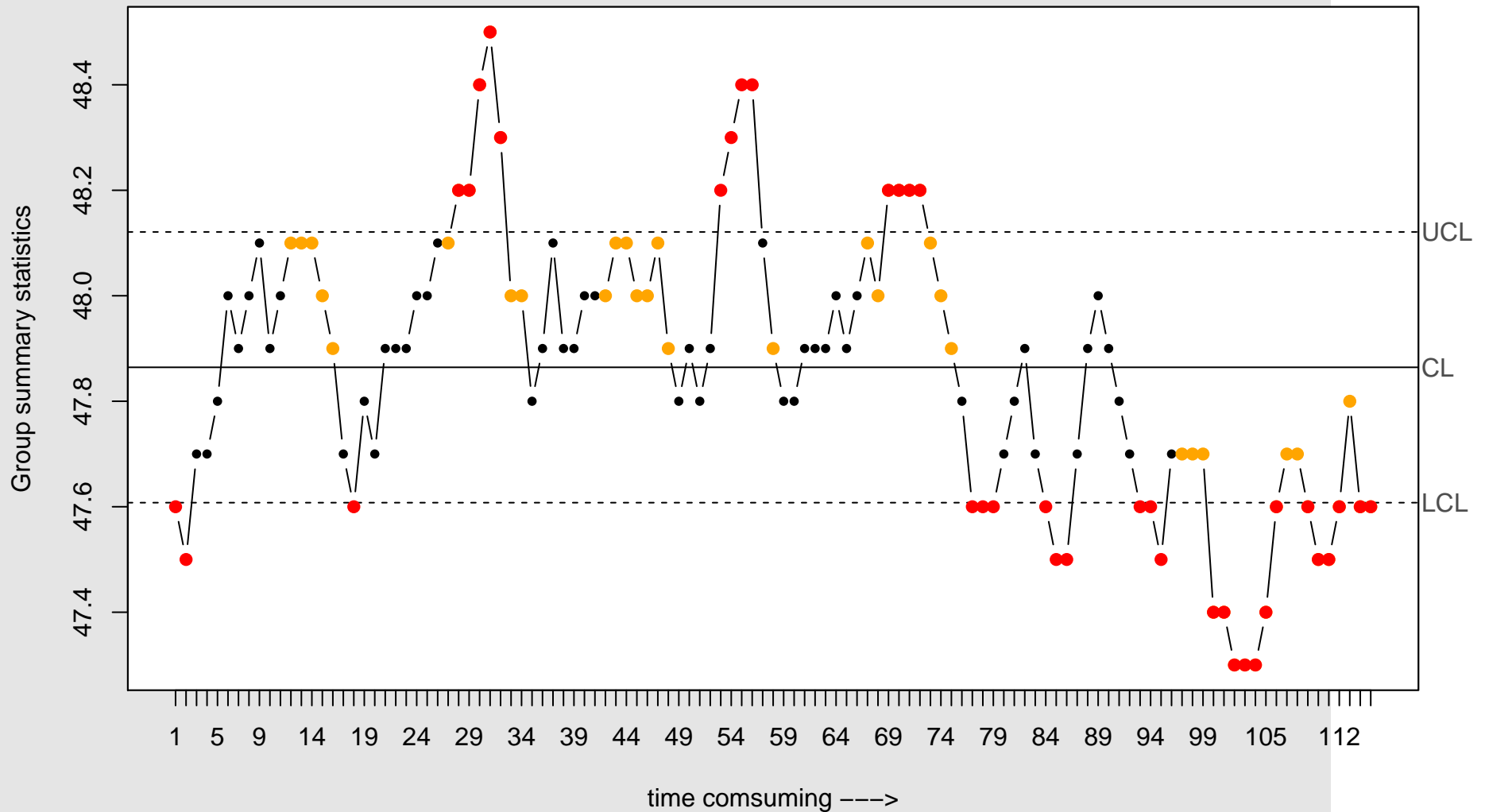


Number of groups = 115
 Center = 47.88261
 StdDev = 0.09098544

LCL = 47.60965
 UCL = 48.15557

Number beyond limits = 35
 Number violating runs = 33

11th column point of this product

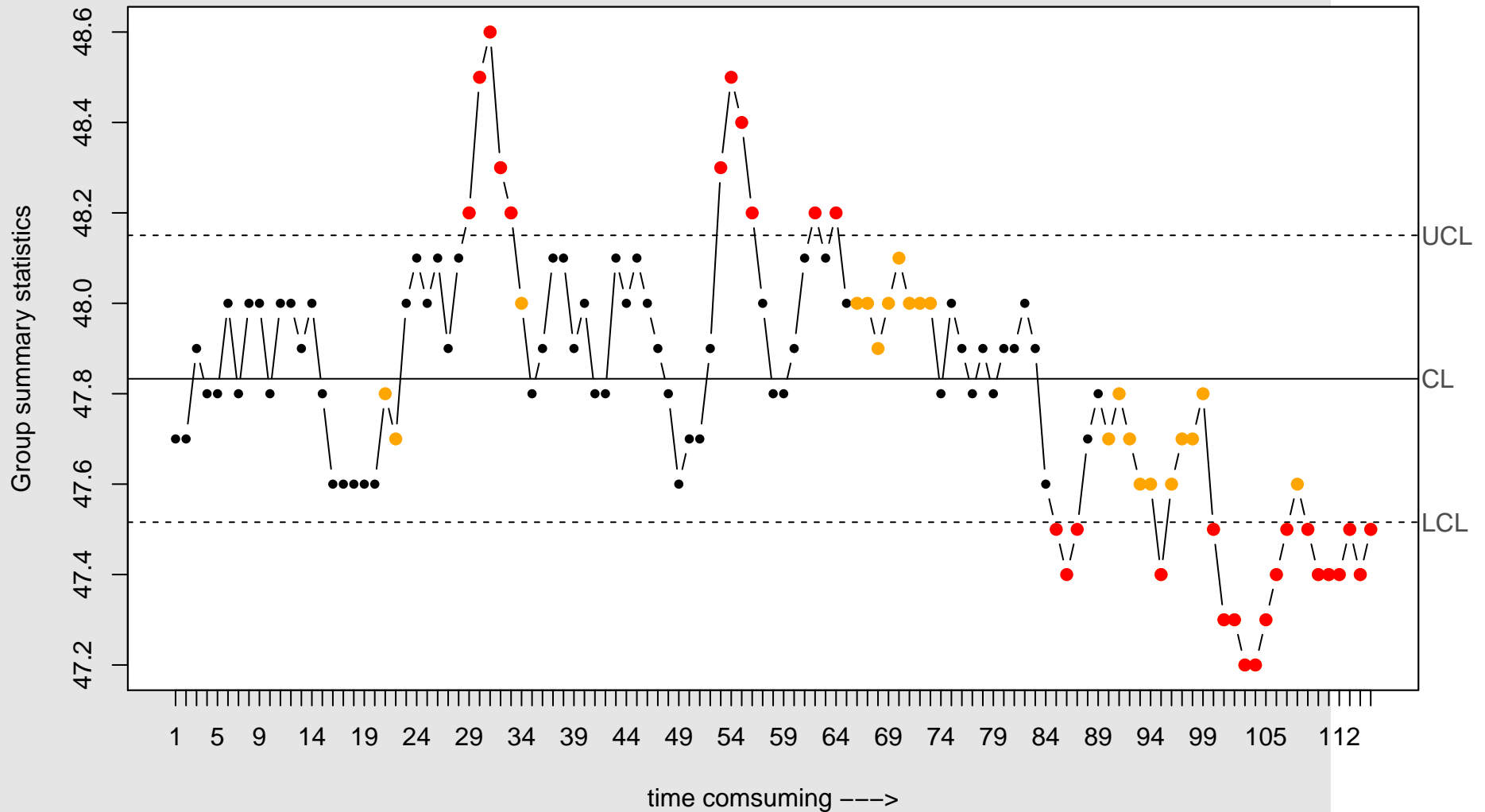


Number of groups = 115
 Center = 47.86435
 StdDev = 0.08554187

LCL = 47.60772
 UCL = 48.12097

Number beyond limits = 38
 Number violating runs = 49

12th column point of this product



Number of groups = 115

Center = 47.83304

StdDev = 0.1057609

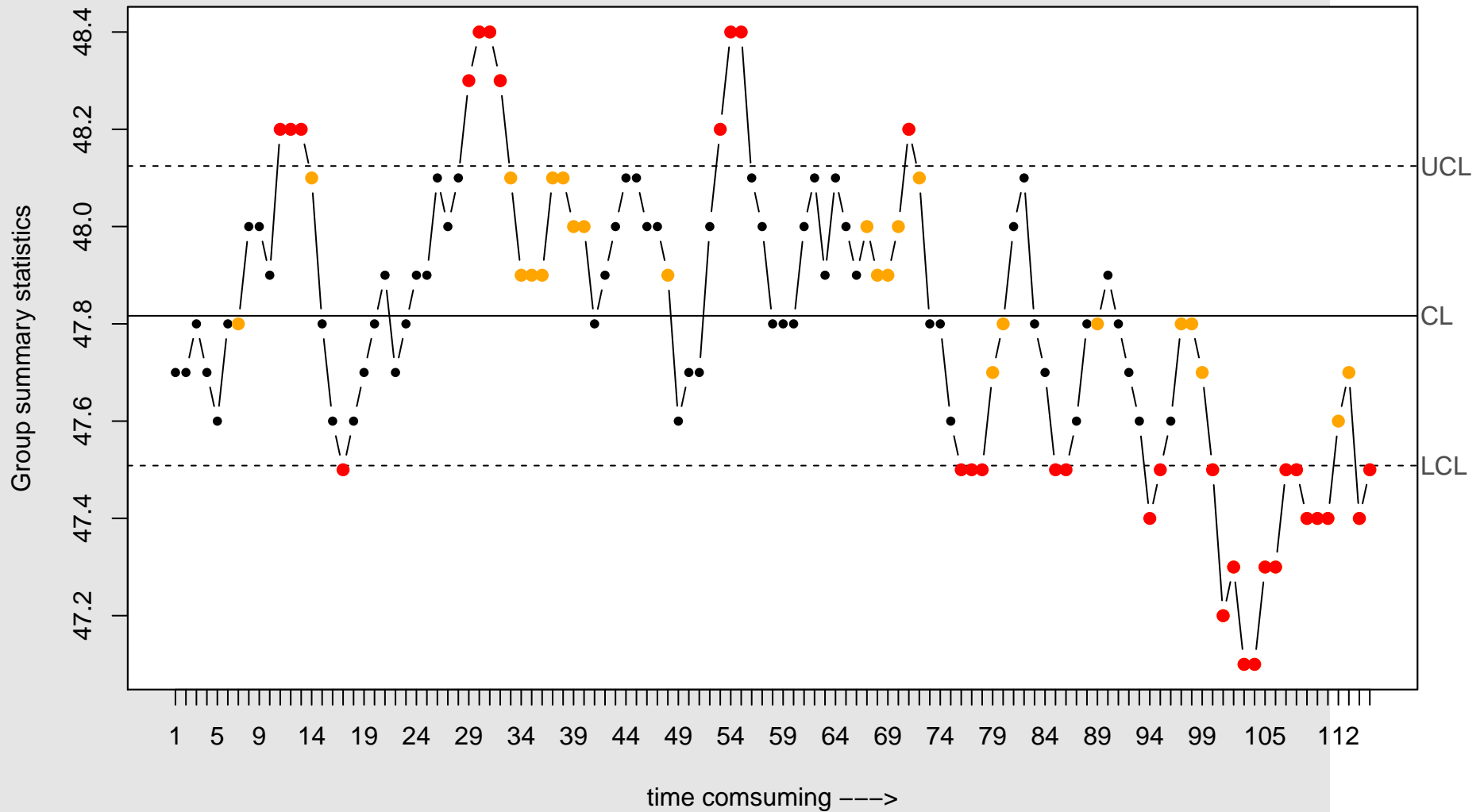
LCL = 47.51576

UCL = 48.15033

Number beyond limits = 30

Number violating runs = 42

13th column point of this product



Number of groups = 115

Center = 47.81652

StdDev = 0.1026502

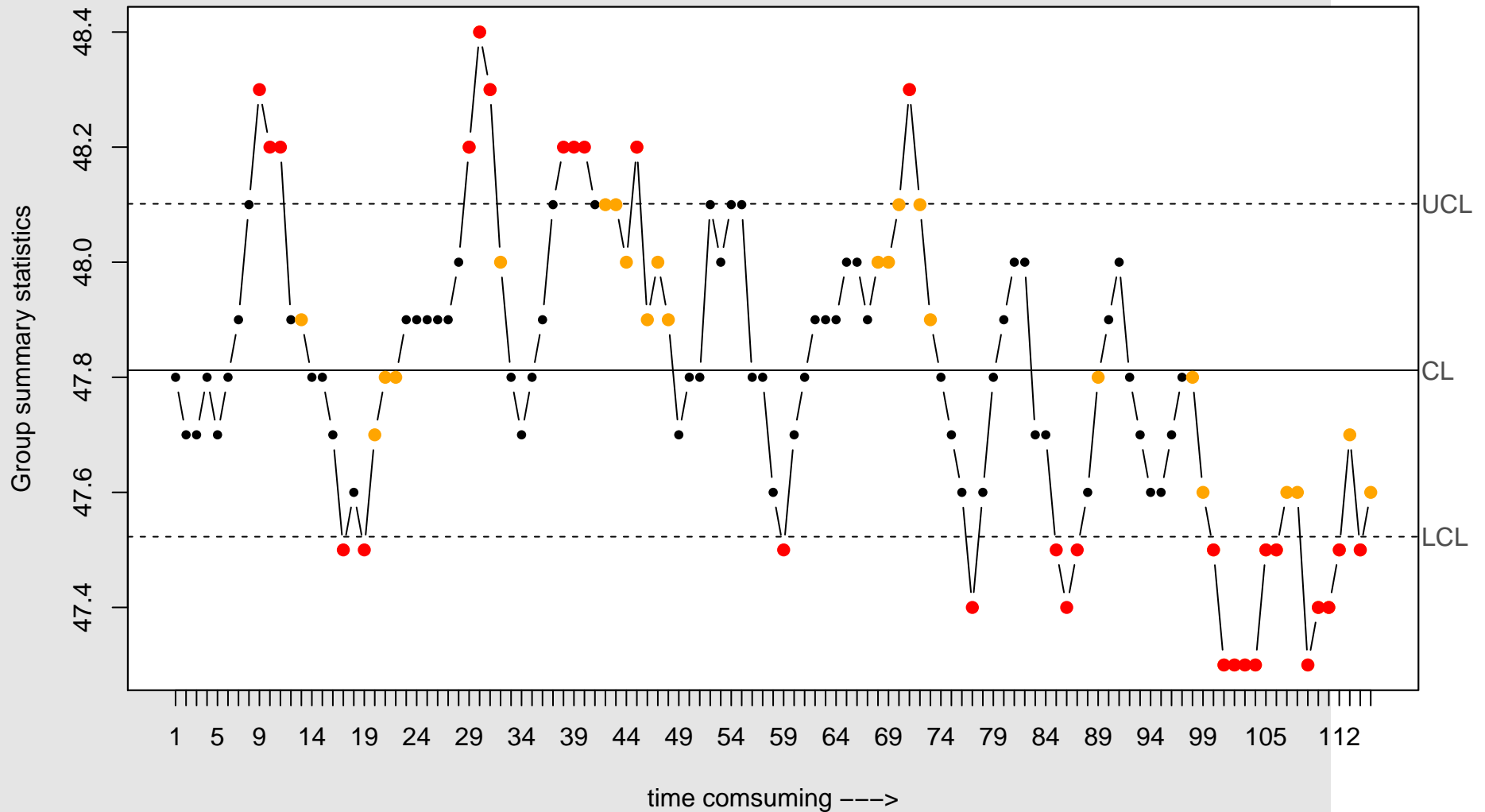
LCL = 47.50857

UCL = 48.12447

Number beyond limits = 33

Number violating runs = 42

14th column point of this product



Number of groups = 115

Center = 47.81217

StdDev = 0.09642902

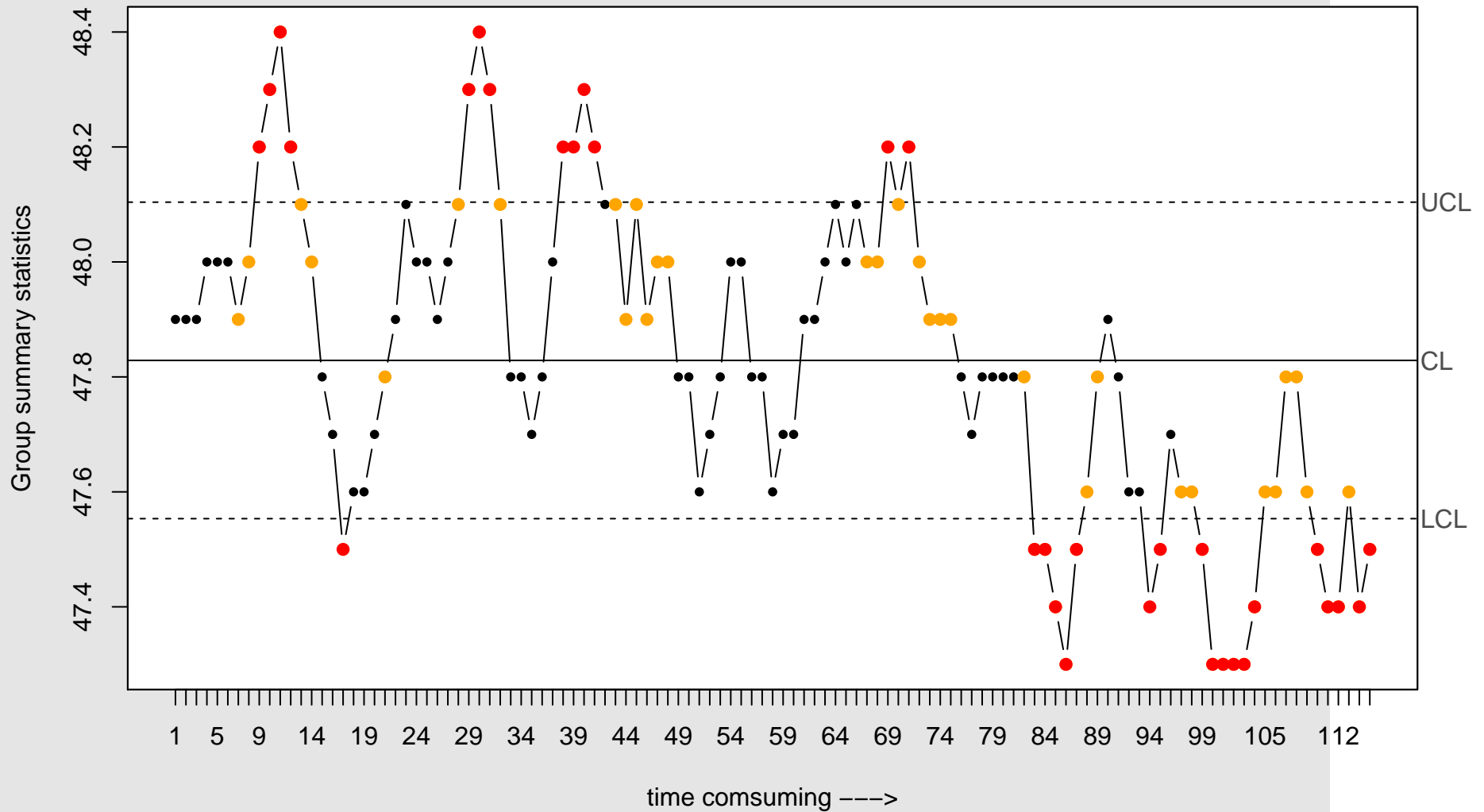
LCL = 47.52289

UCL = 48.10146

Number beyond limits = 30

Number violating runs = 40

15th column point of this product



Number of groups = 115

Center = 47.8287

StdDev = 0.0917631

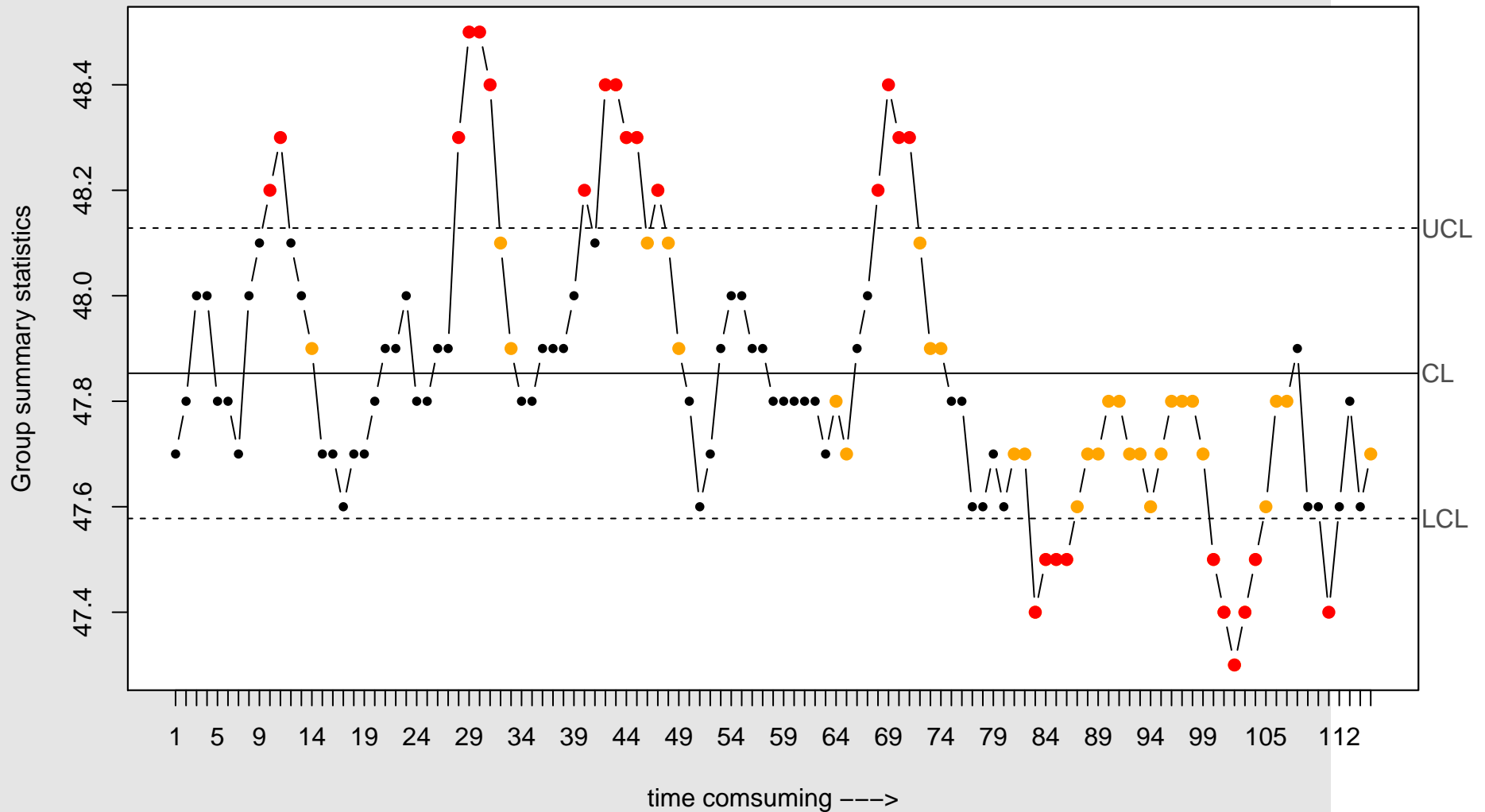
LCL = 47.55341

UCL = 48.10398

Number beyond limits = 32

Number violating runs = 56

16th column point of this product

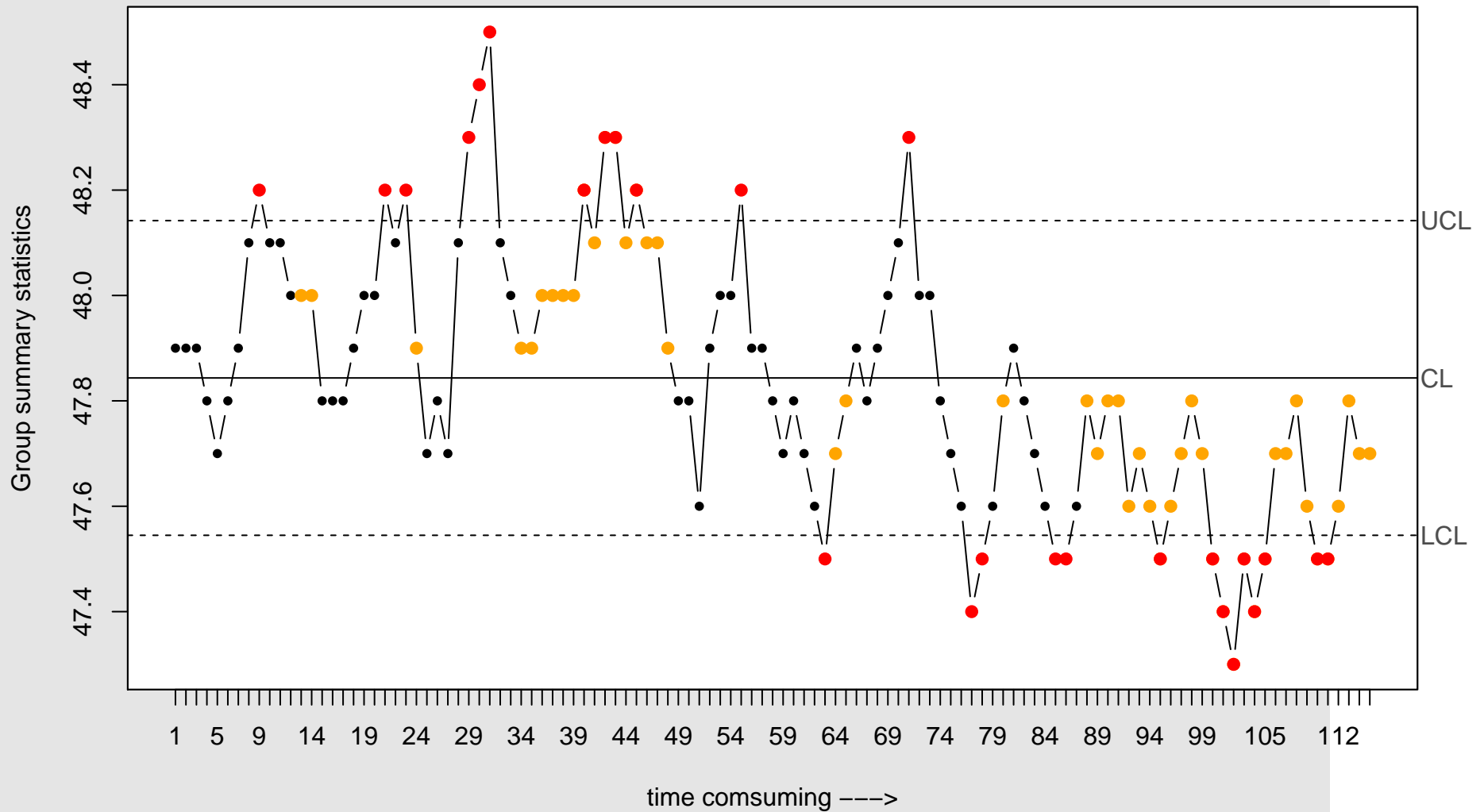


Number of groups = 115
 Center = 47.85304
 StdDev = 0.0917631

LCL = 47.57775
 UCL = 48.12833

Number beyond limits = 26
 Number violating runs = 44

17th column point of this product

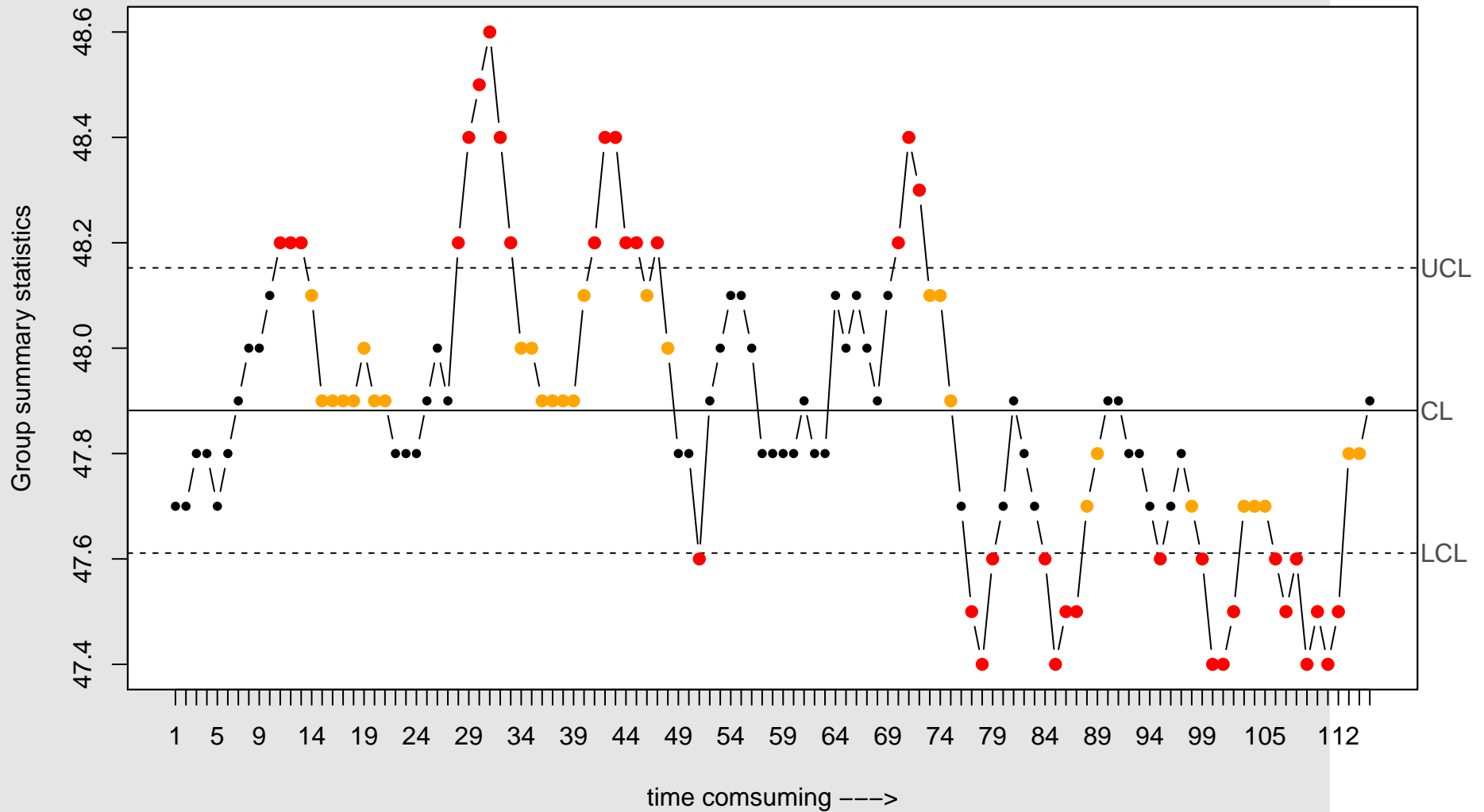


Number of groups = 115
 Center = 47.84348
 StdDev = 0.09953963

LCL = 47.54486
 UCL = 48.1421

Number beyond limits = 26
 Number violating runs = 49

18th column point of this product



Number of groups = 115

Center = 47.88174

StdDev = 0.09020779

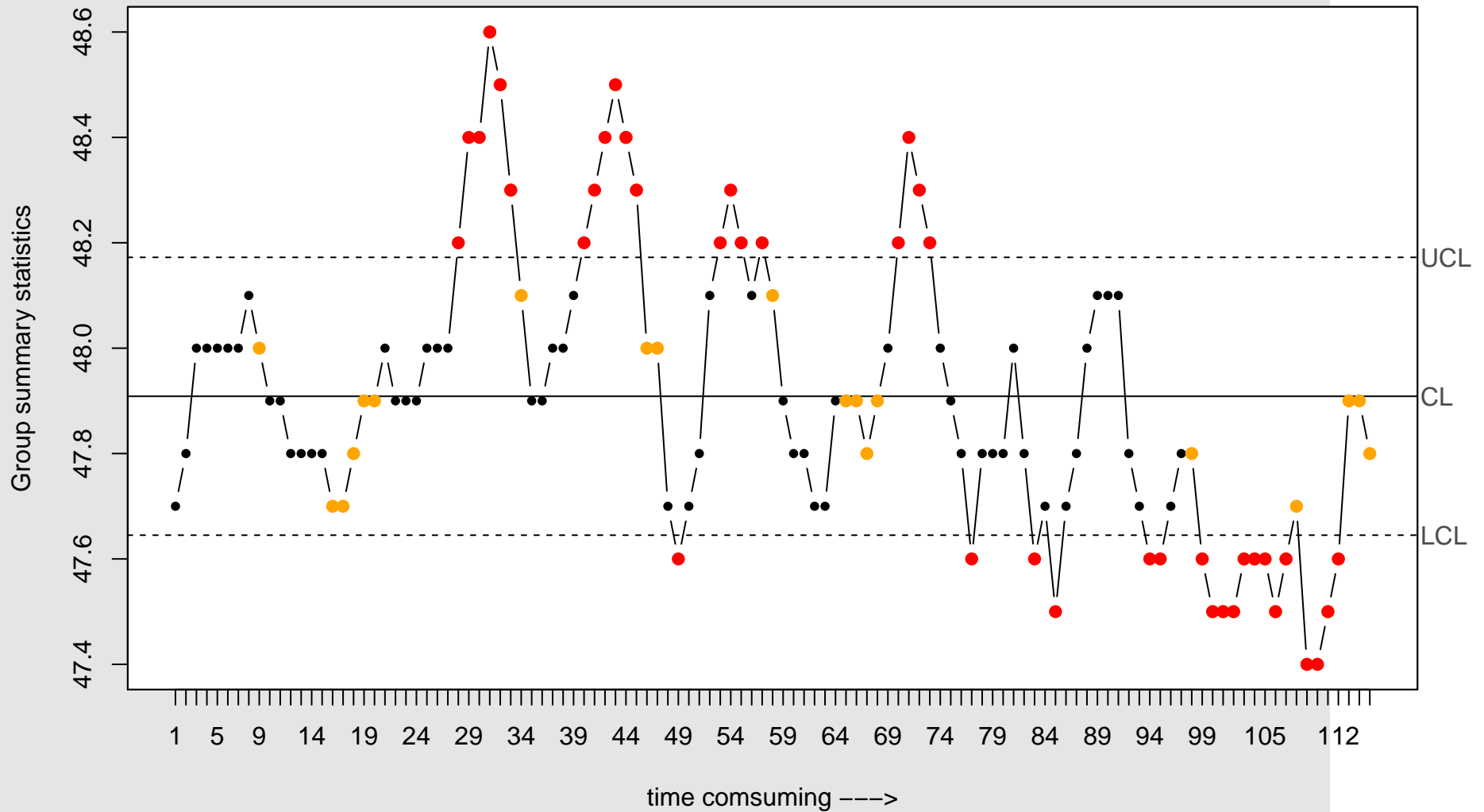
LCL = 47.61112

UCL = 48.15236

Number beyond limits = 38

Number violating runs = 52

19th column point of this product

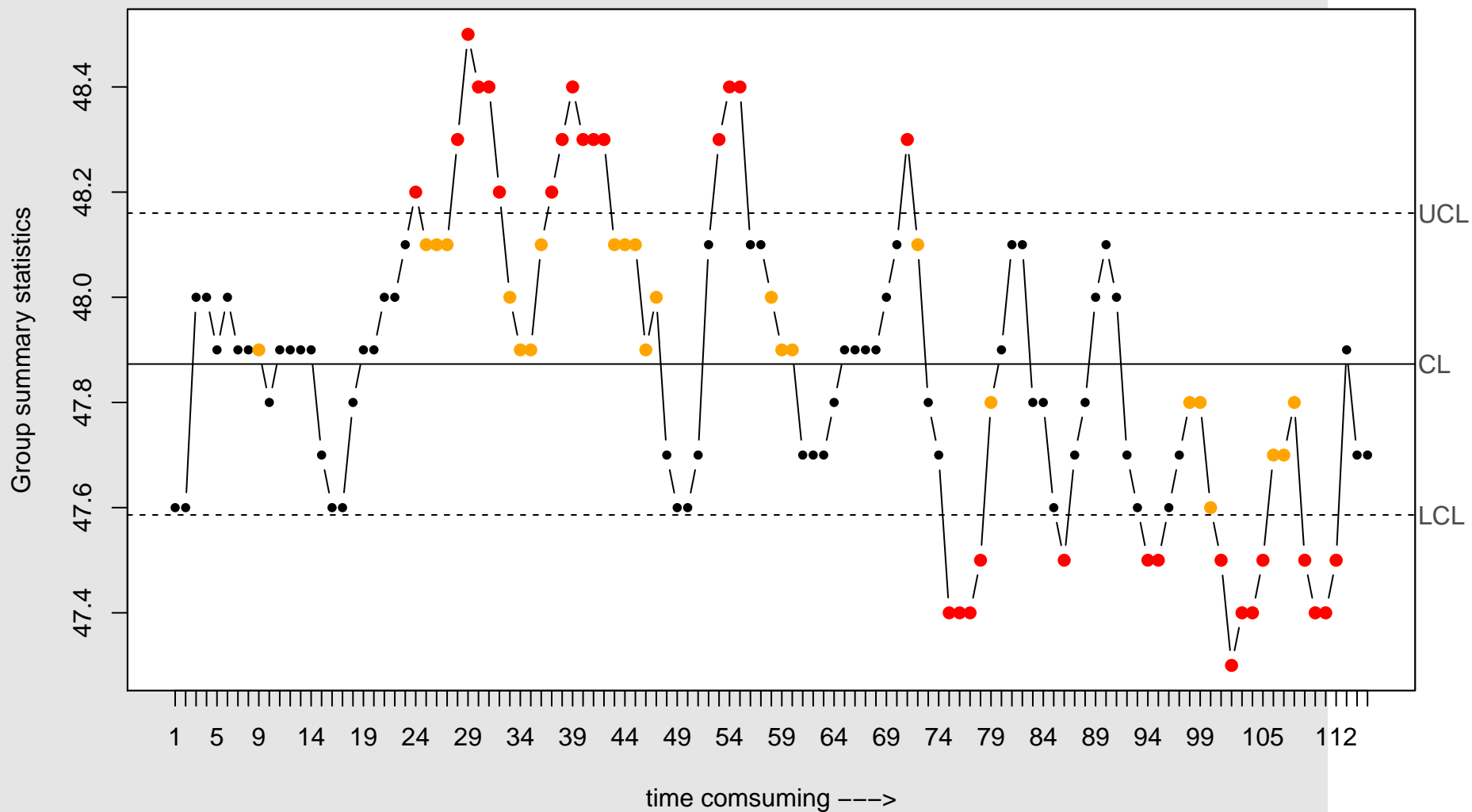


Number of groups = 115
 Center = 47.9087
 StdDev = 0.08787483

LCL = 47.64507
 UCL = 48.17232

Number beyond limits = 39
 Number violating runs = 38

20th column point of this product

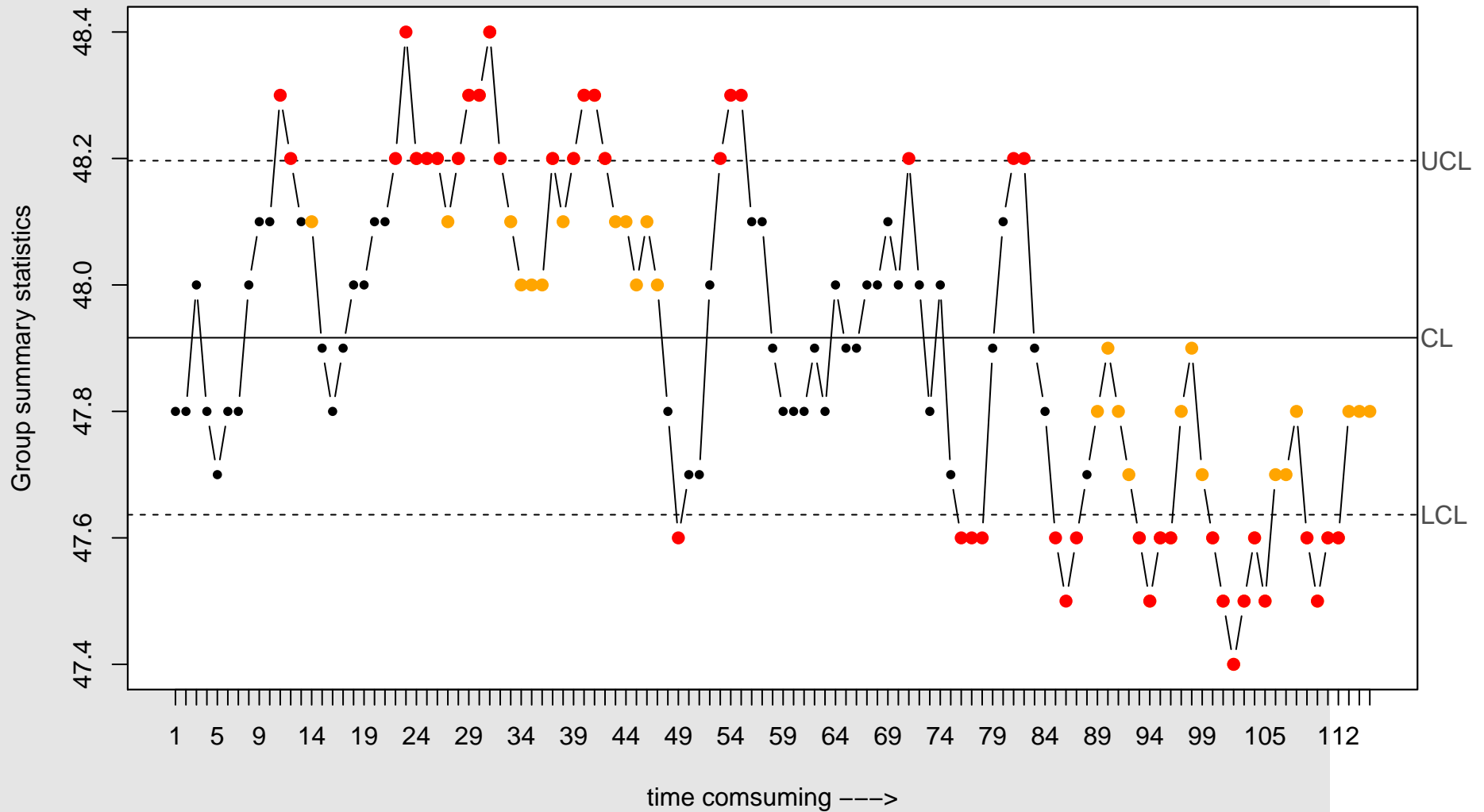


Number of groups = 115
 Center = 47.87304
 StdDev = 0.09565136

LCL = 47.58609
 UCL = 48.16

Number beyond limits = 32
 Number violating runs = 45

21th column point of this product



Number of groups = 115

Center = 47.91652

StdDev = 0.0933184

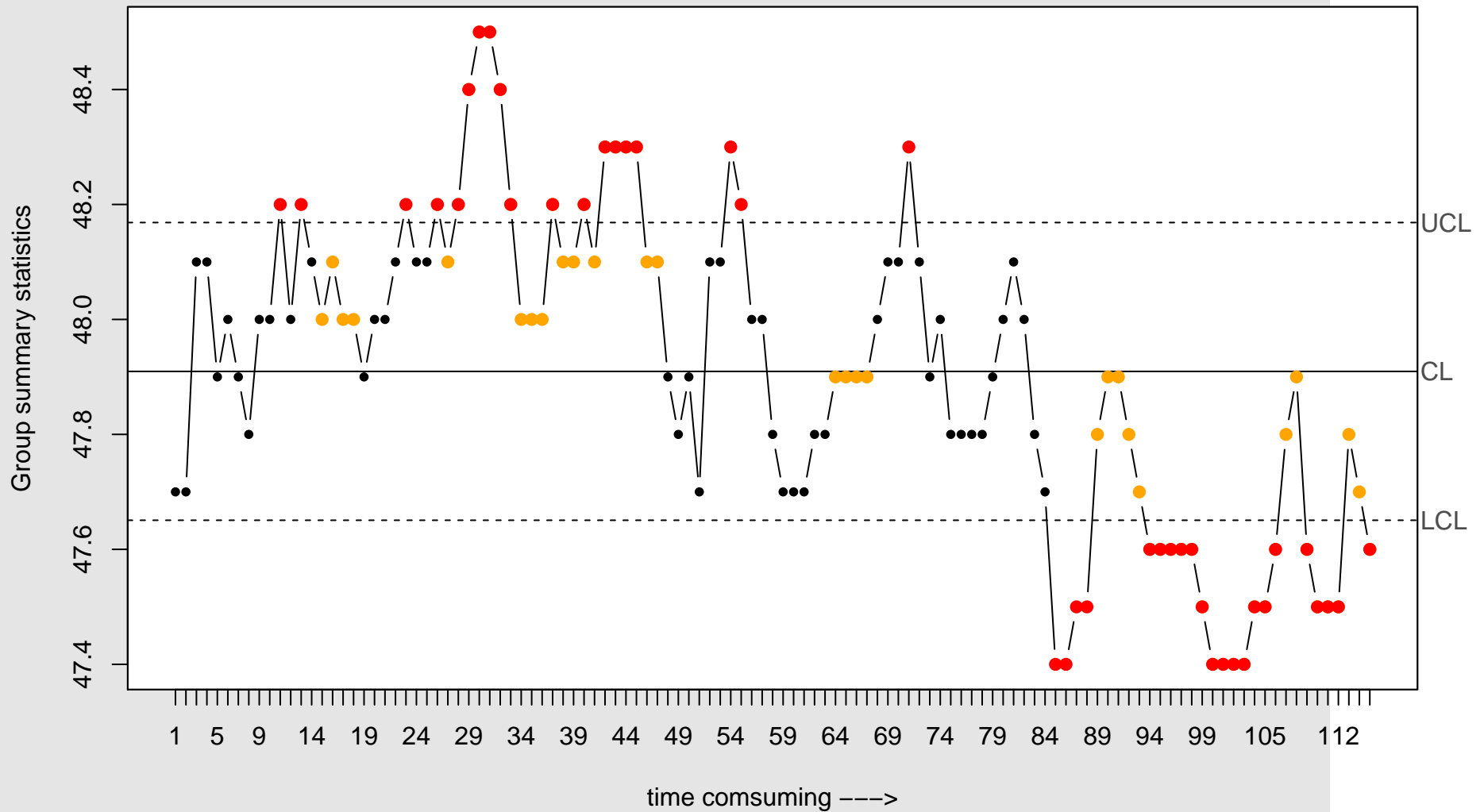
LCL = 47.63657

UCL = 48.19648

Number beyond limits = 44

Number violating runs = 52

22th column point of this product



Number of groups = 115

Center = 47.90957

StdDev = 0.08631952

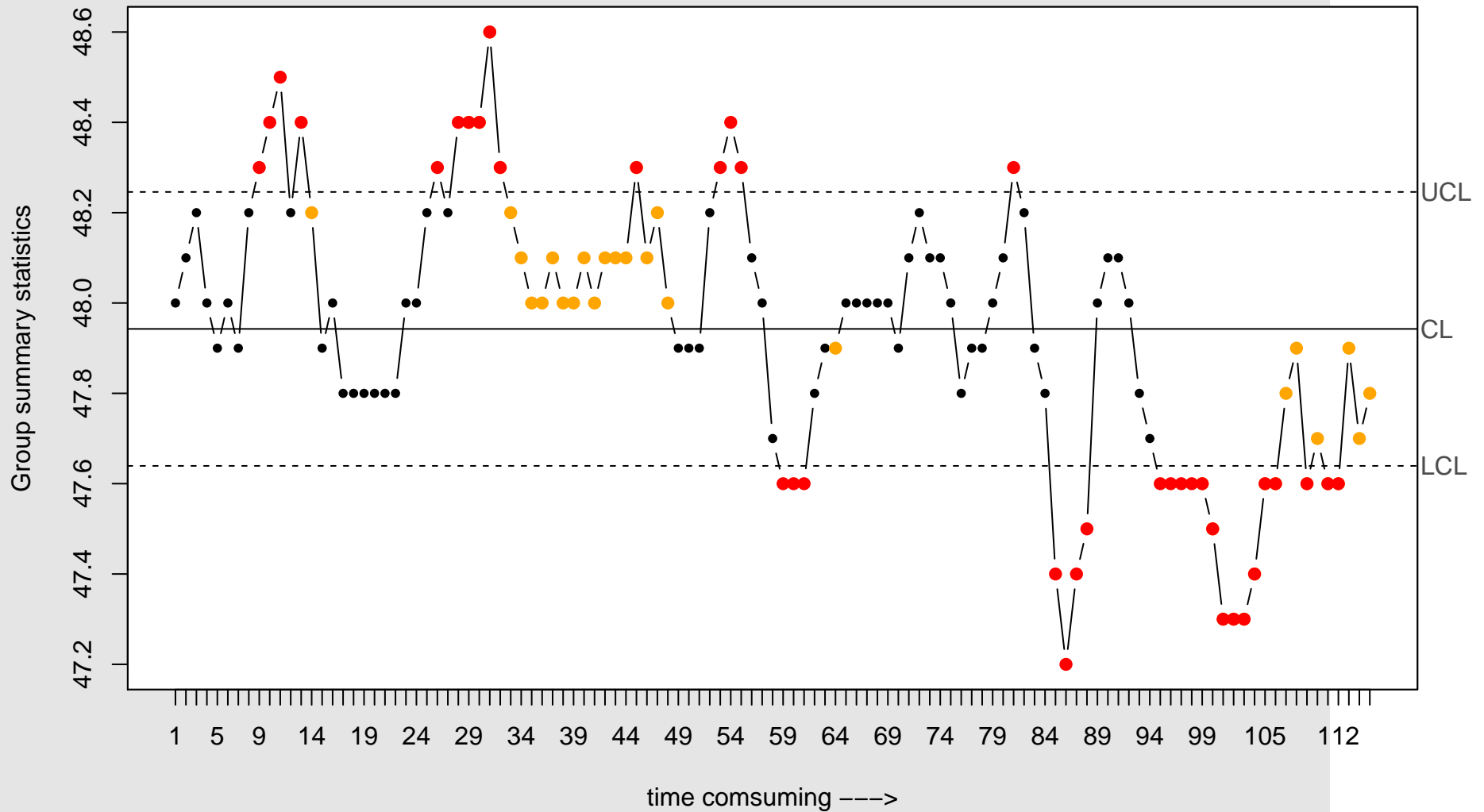
LCL = 47.65061

UCL = 48.16852

Number beyond limits = 41

Number violating runs = 57

23th column point of this product



Number of groups = 115

Center = 47.94261

StdDev = 0.1010949

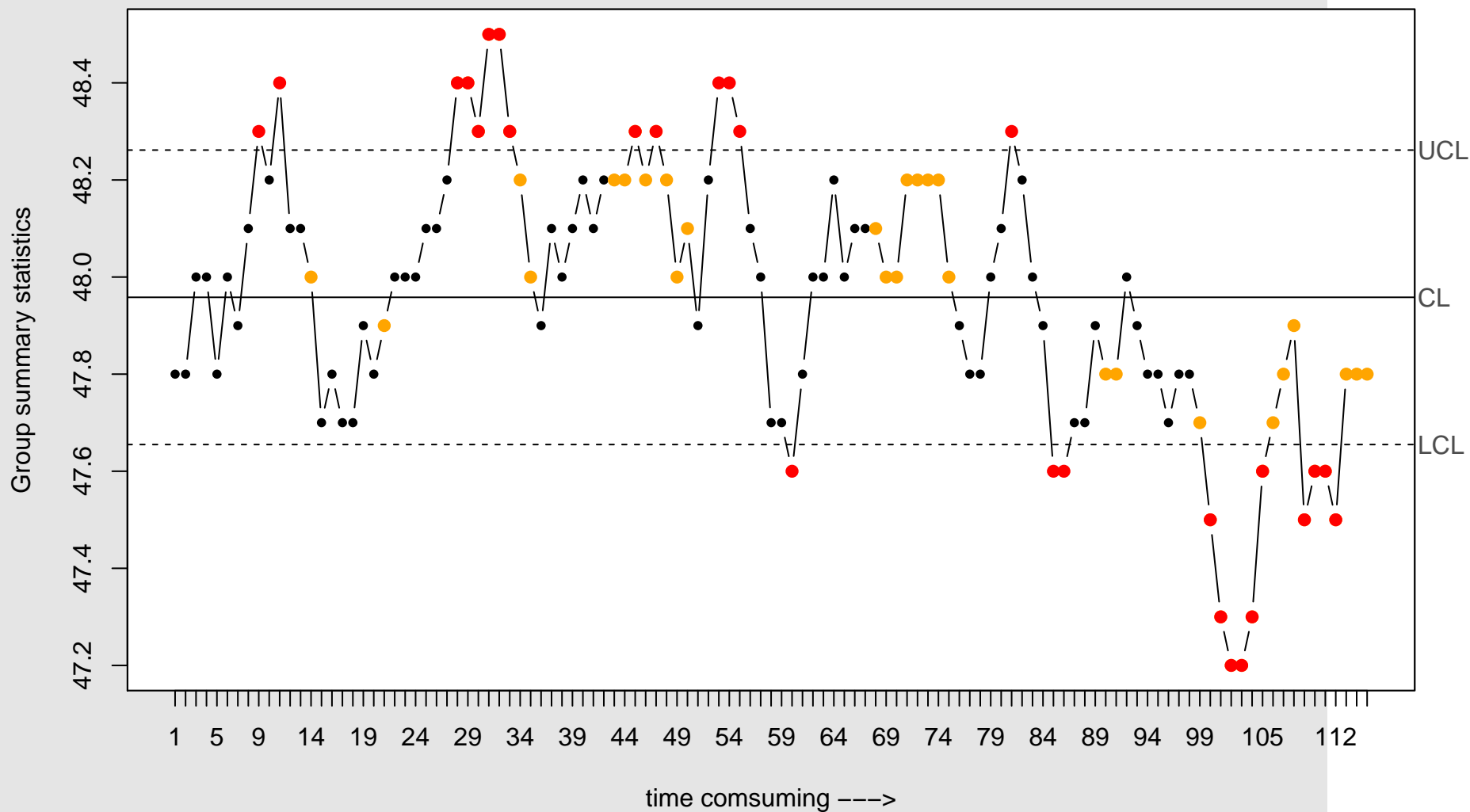
LCL = 47.63932

UCL = 48.24589

Number beyond limits = 37

Number violating runs = 39

24th column point of this product



Number of groups = 115

Center = 47.95826

StdDev = 0.1010949

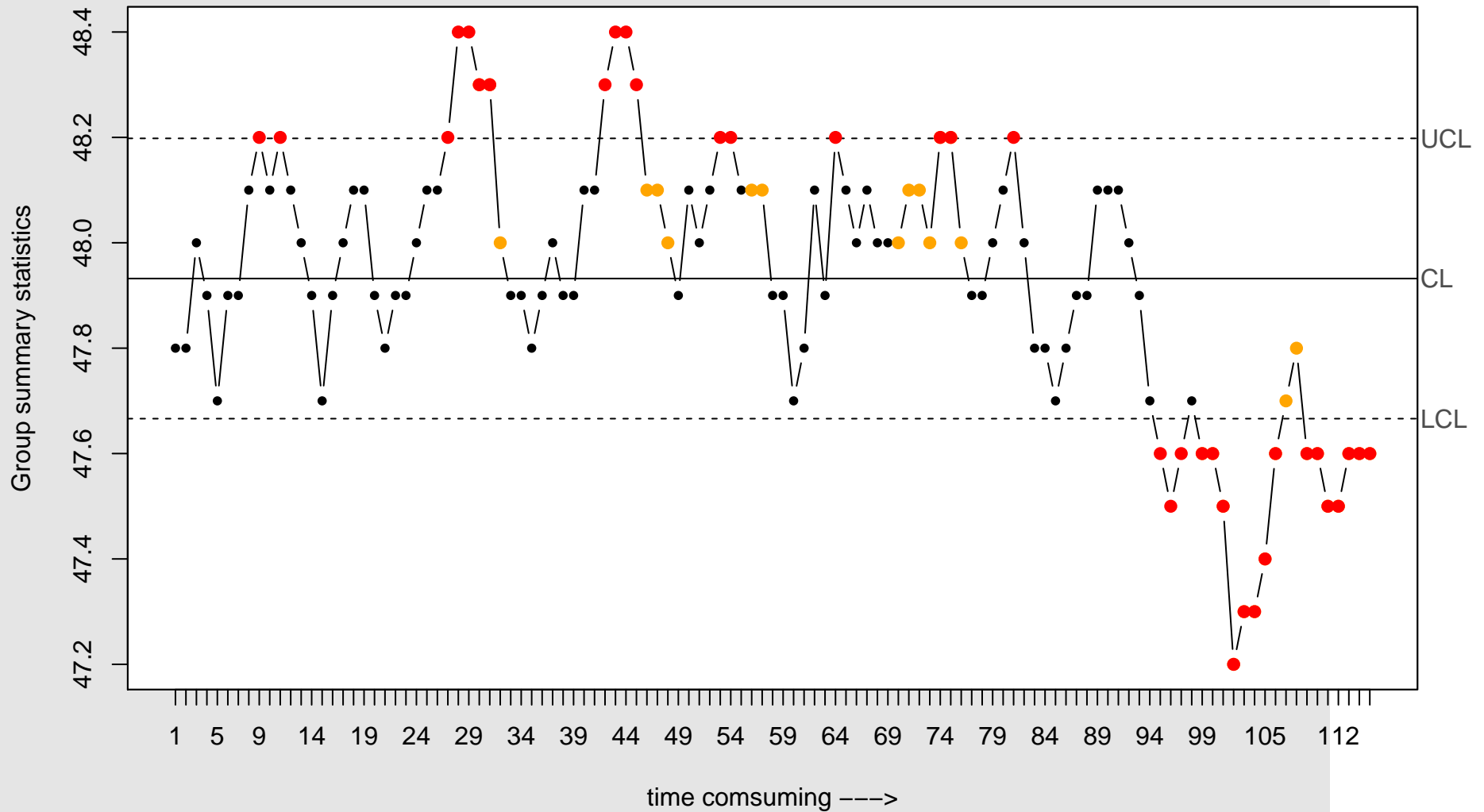
LCL = 47.65498

UCL = 48.26155

Number beyond limits = 27

Number violating runs = 45

25th column point of this product



Number of groups = 115

Center = 47.93217

StdDev = 0.08865248

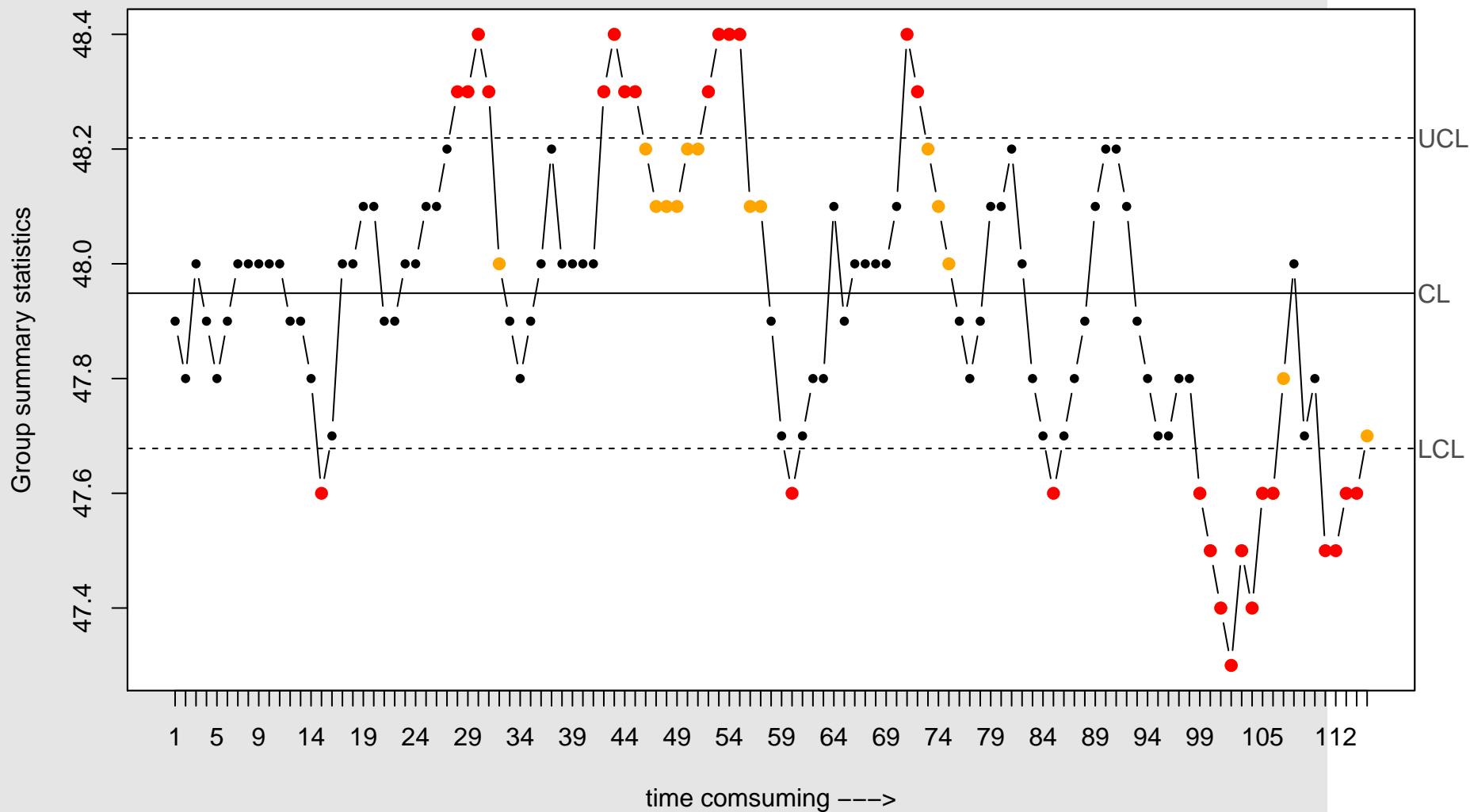
LCL = 47.66622

UCL = 48.19813

Number beyond limits = 35

Number violating runs = 32

26th column point of this product

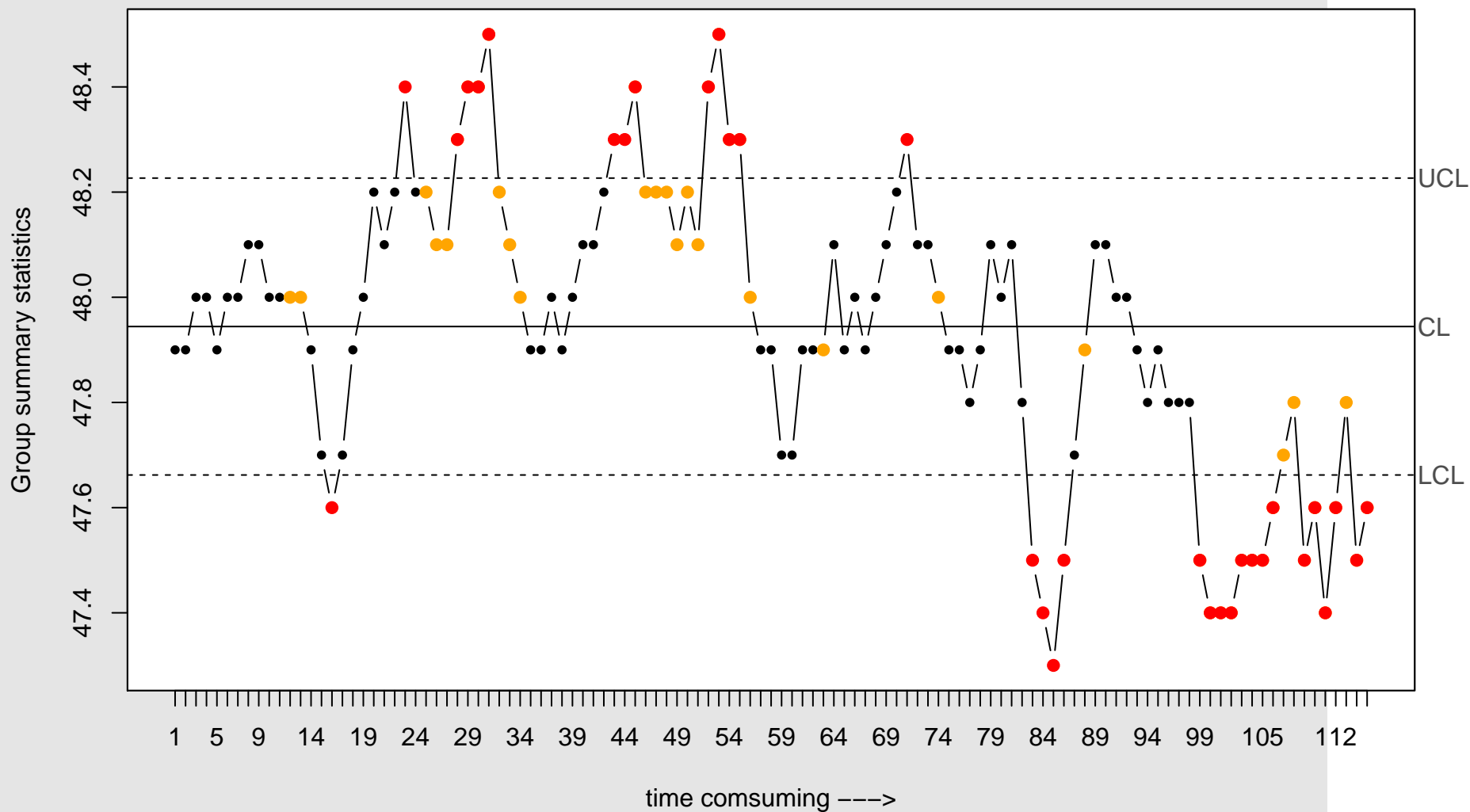


Number of groups = 115
 Center = 47.9487
 StdDev = 0.09020779

LCL = 47.67807
 UCL = 48.21932

Number beyond limits = 29
 Number violating runs = 34

27th column point of this product

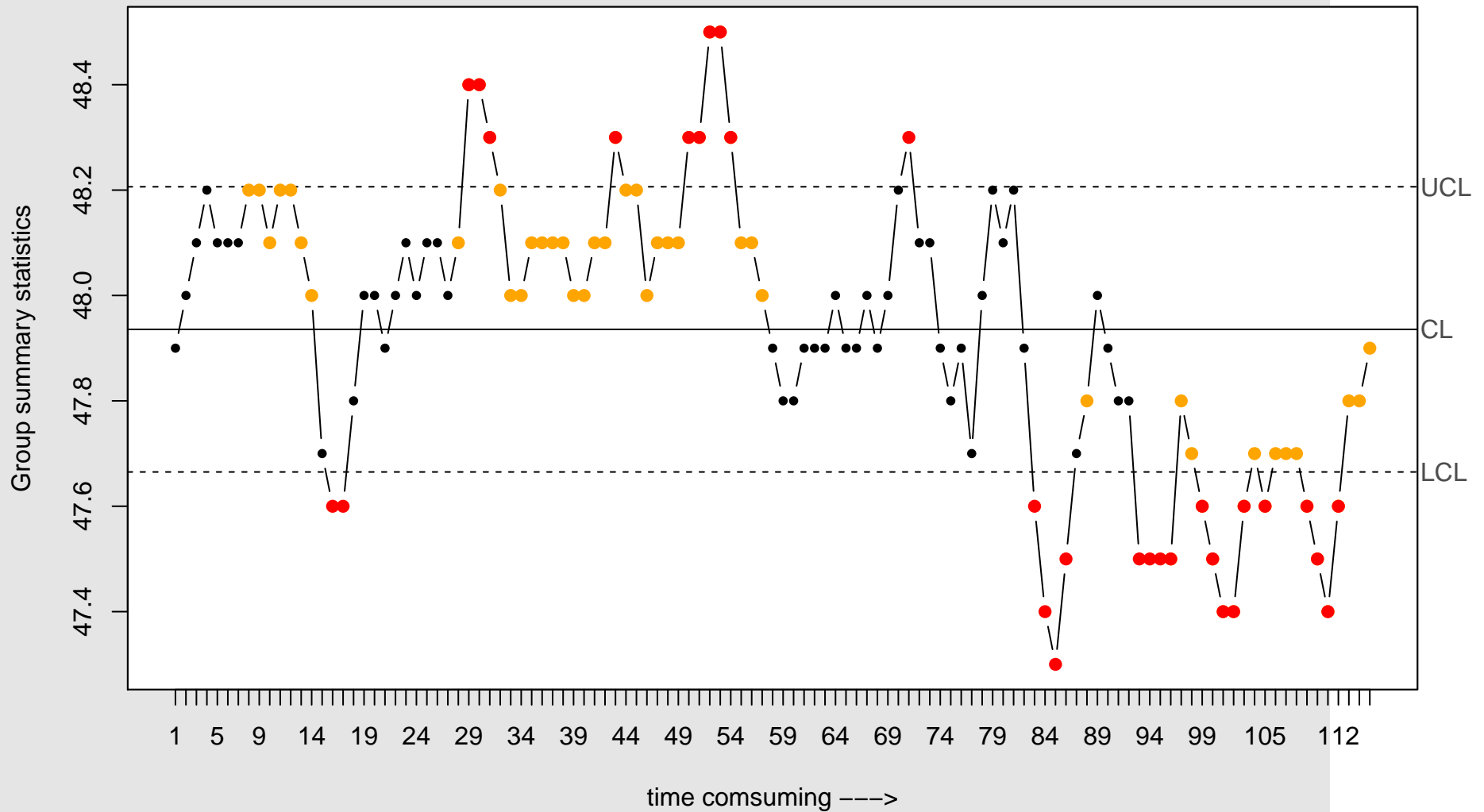


Number of groups = 115
 Center = 47.94435
 StdDev = 0.09409606

LCL = 47.66206
 UCL = 48.22664

Number beyond limits = 32
 Number violating runs = 44

28th column point of this product

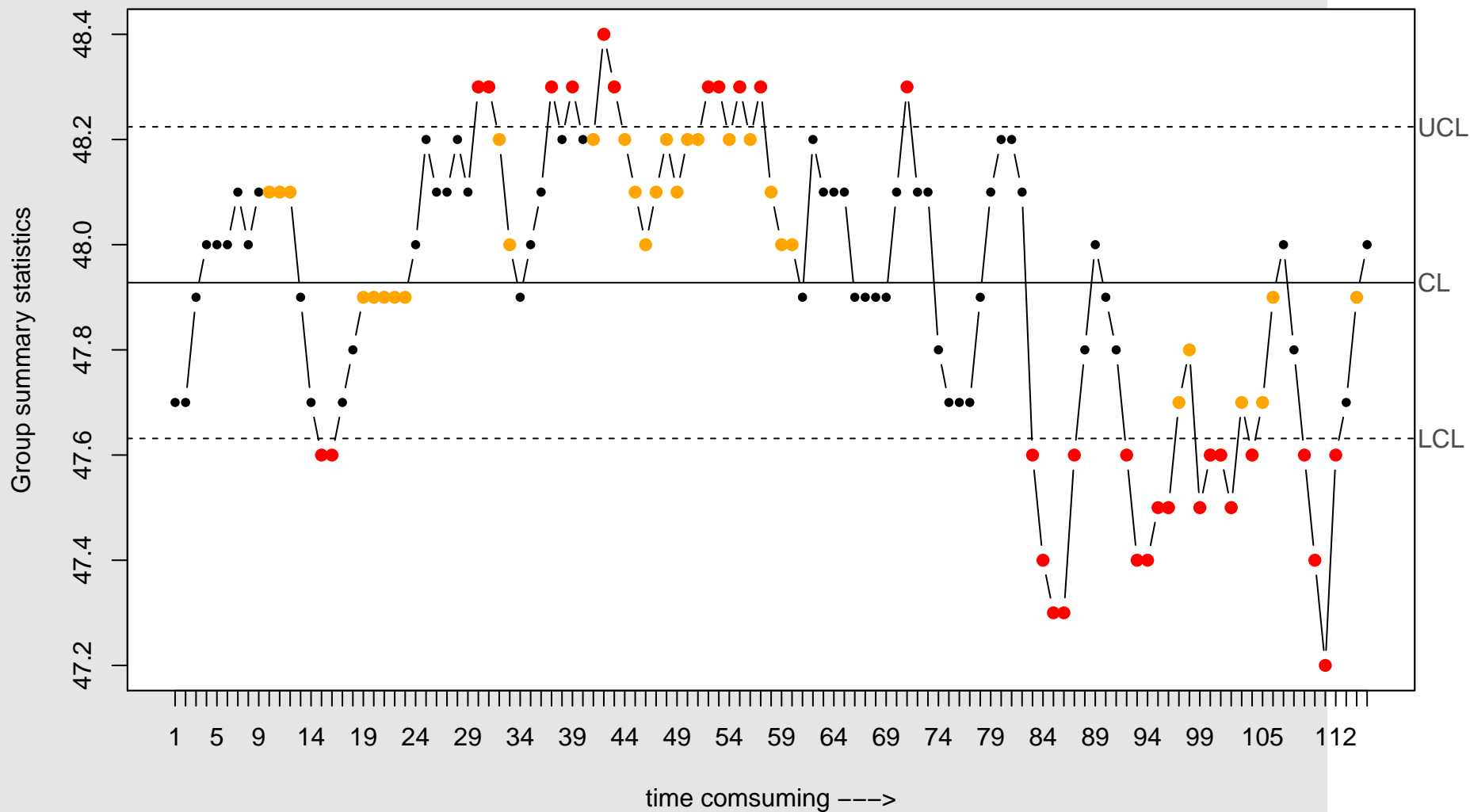


Number of groups = 115
 Center = 47.93565
 StdDev = 0.09020779

LCL = 47.66503
 UCL = 48.20628

Number beyond limits = 30
 Number violating runs = 58

29th column point of this product



Number of groups = 115

Center = 47.92783

StdDev = 0.09876198

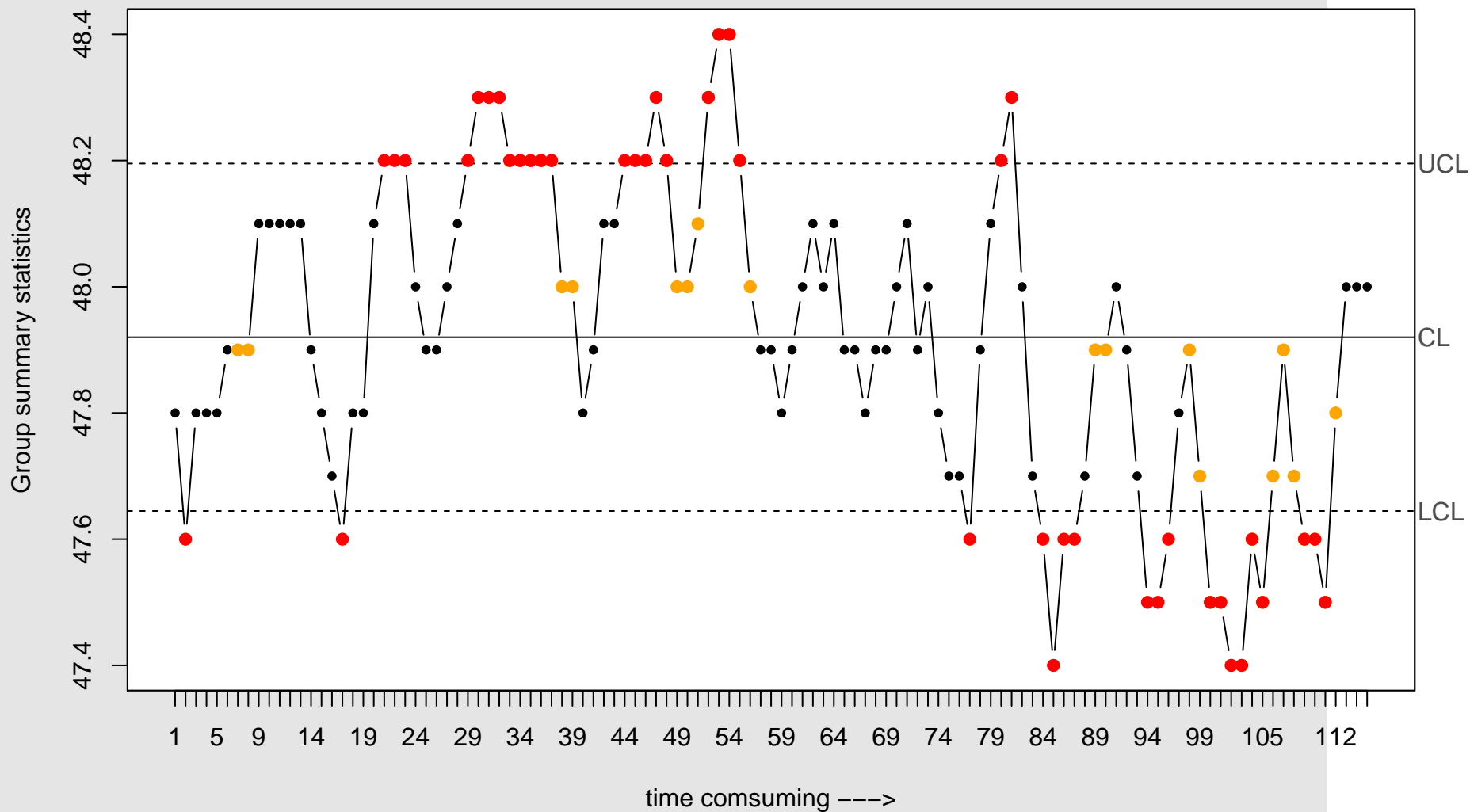
LCL = 47.63154

UCL = 48.22411

Number beyond limits = 32

Number violating runs = 44

30th column point of this product



Number of groups = 115

Center = 47.92

StdDev = 0.0917631

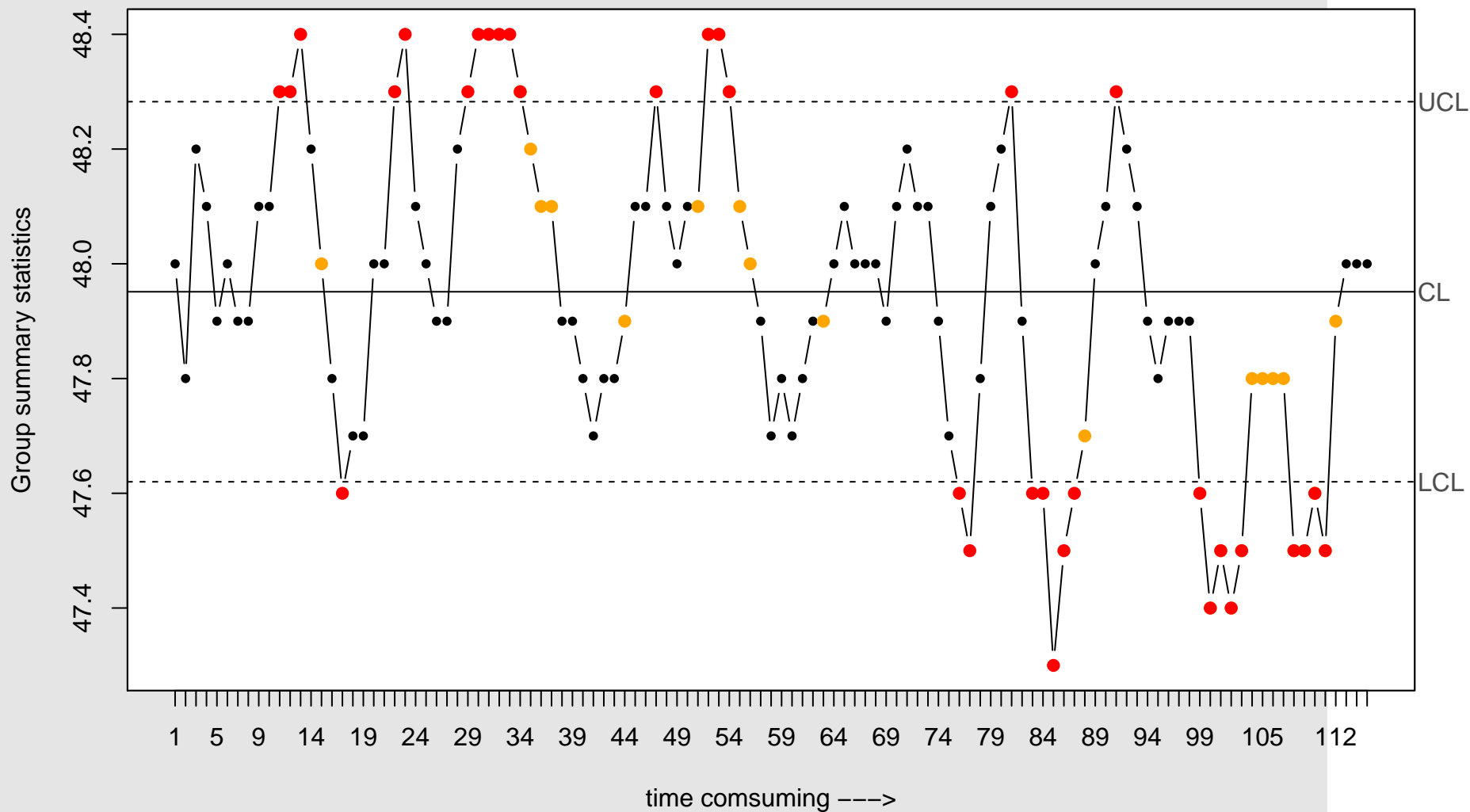
LCL = 47.64471

UCL = 48.19529

Number beyond limits = 42

Number violating runs = 35

31th column point of this product

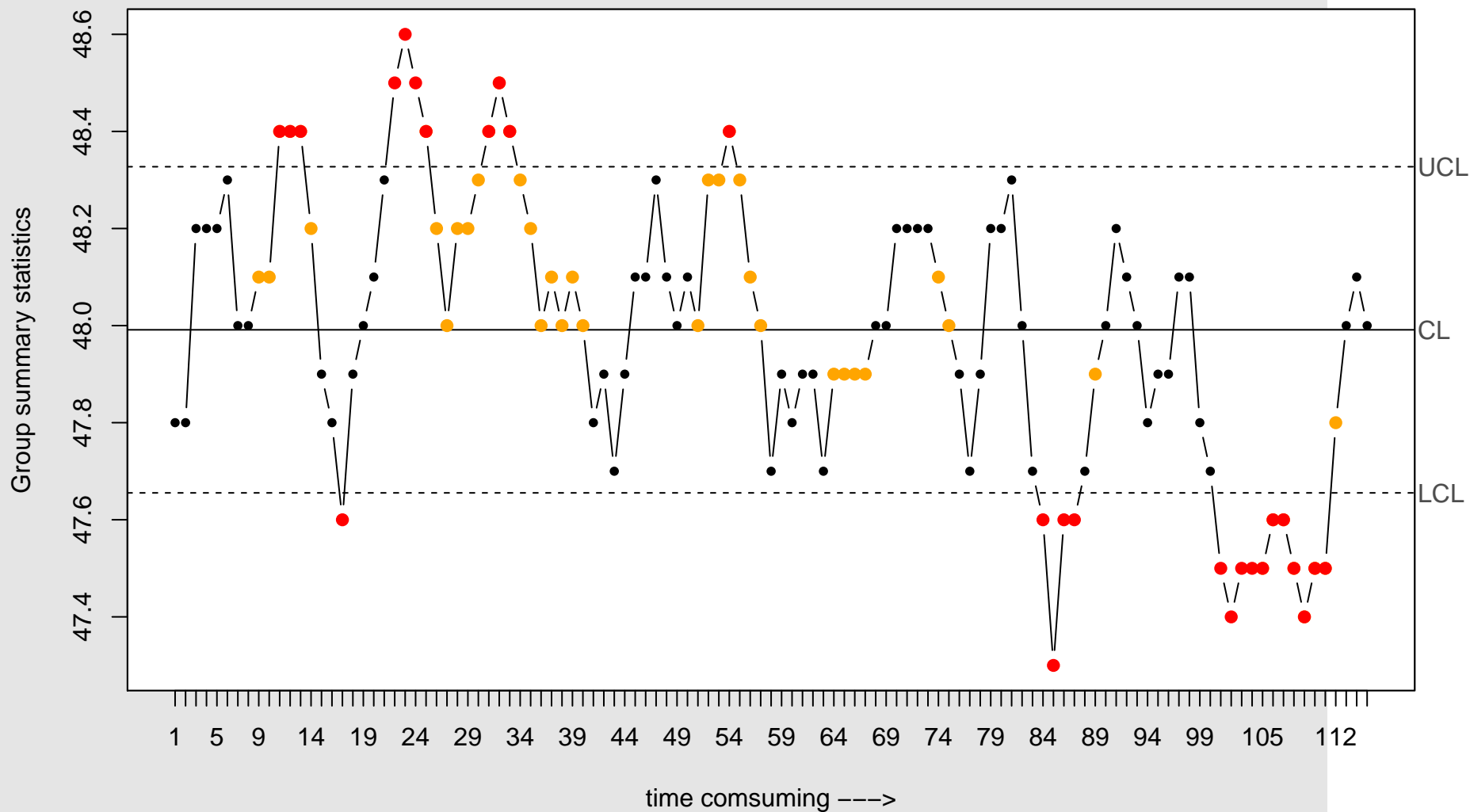


Number of groups = 115
Center = 47.9513
StdDev = 0.1104268

LCL = 47.62002
UCL = 48.28258

Number beyond limits = 34
Number violating runs = 27

32th column point of this product



Number of groups = 115

Center = 47.9913

StdDev = 0.1119821

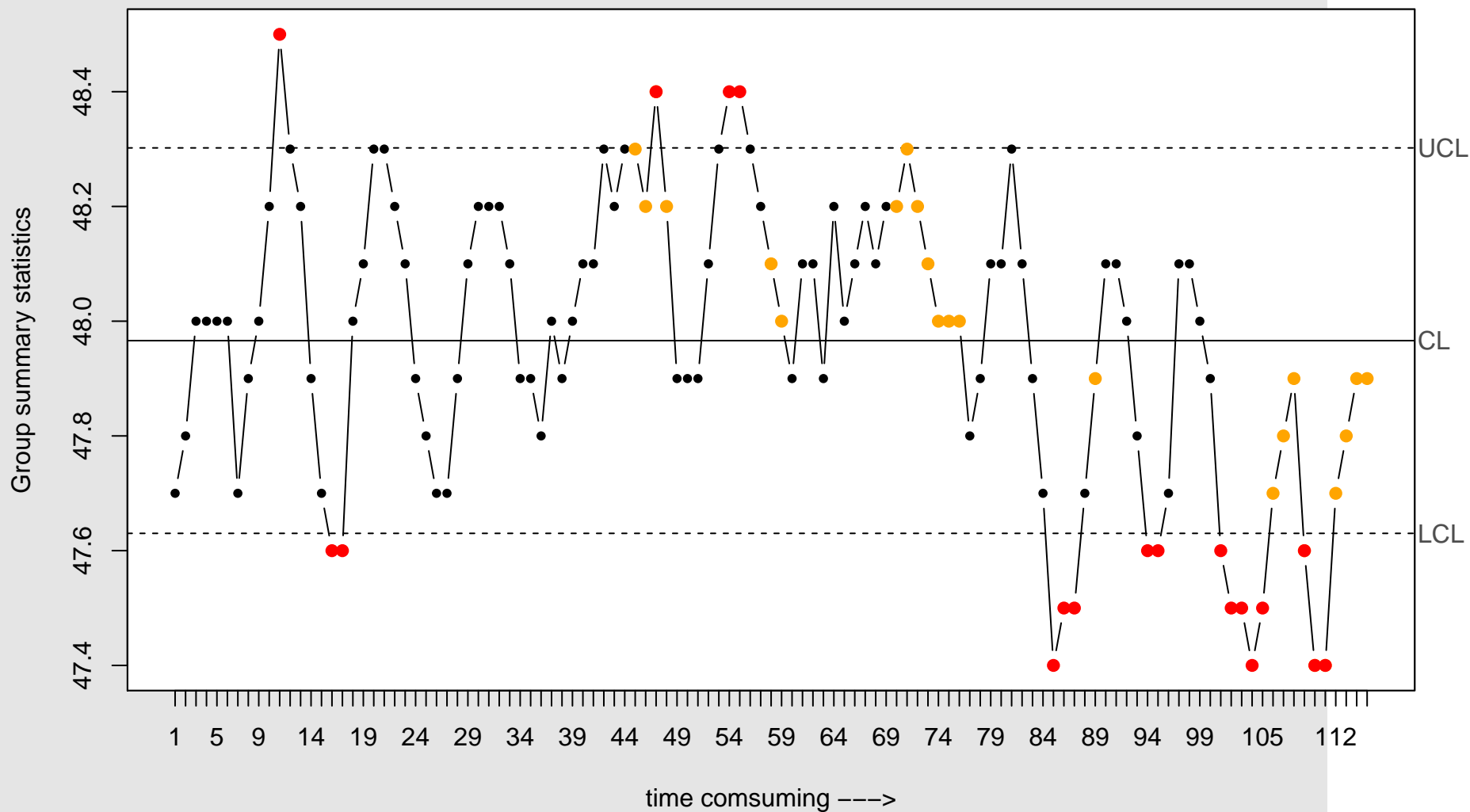
LCL = 47.65536

UCL = 48.32725

Number beyond limits = 27

Number violating runs = 44

33th column point of this product



Number of groups = 115

Center = 47.96609

StdDev = 0.1119821

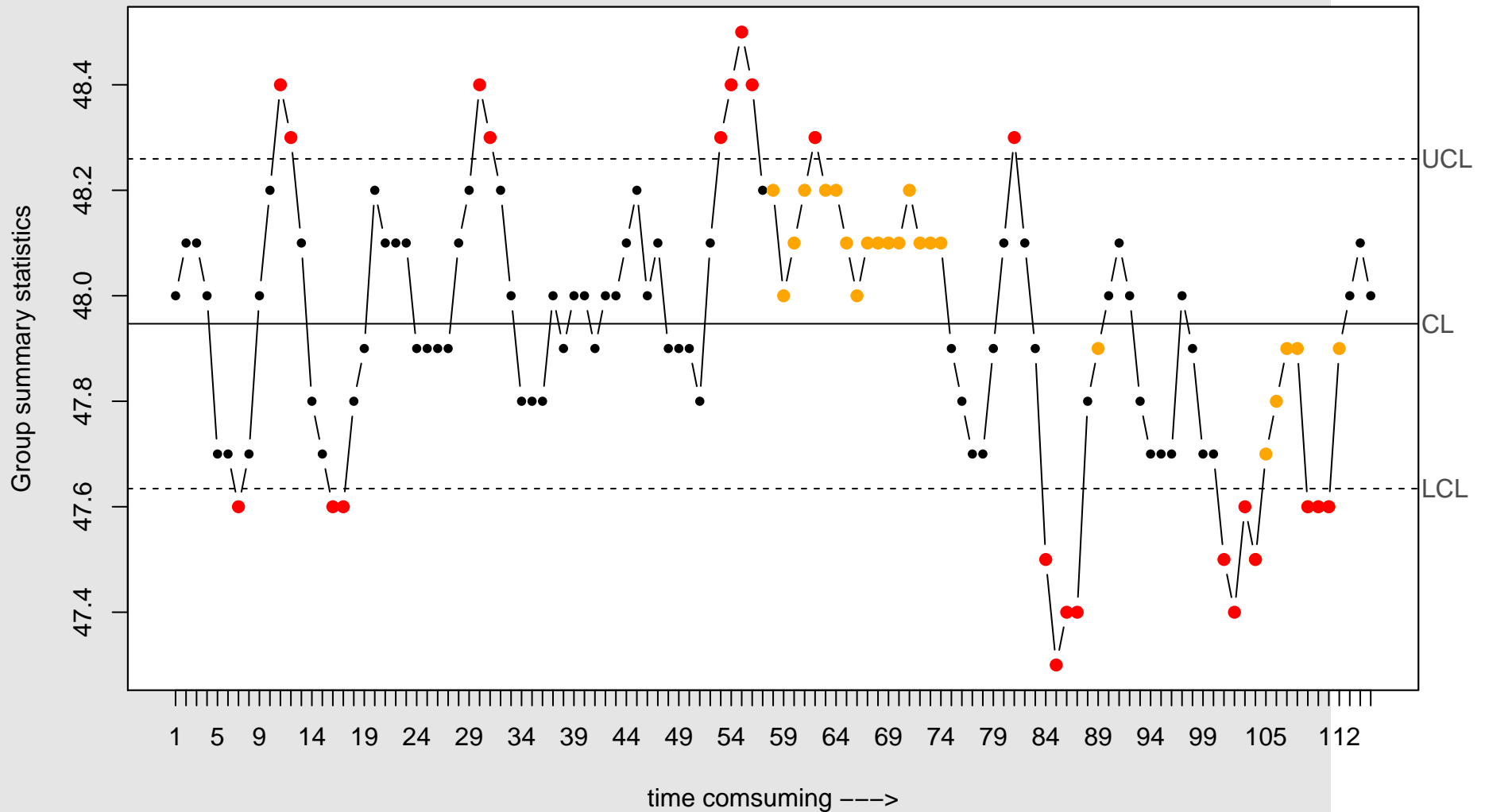
LCL = 47.63014

UCL = 48.30203

Number beyond limits = 19

Number violating runs = 24

34th column point of this product



Number of groups = 115

Center = 47.94696

StdDev = 0.1042055

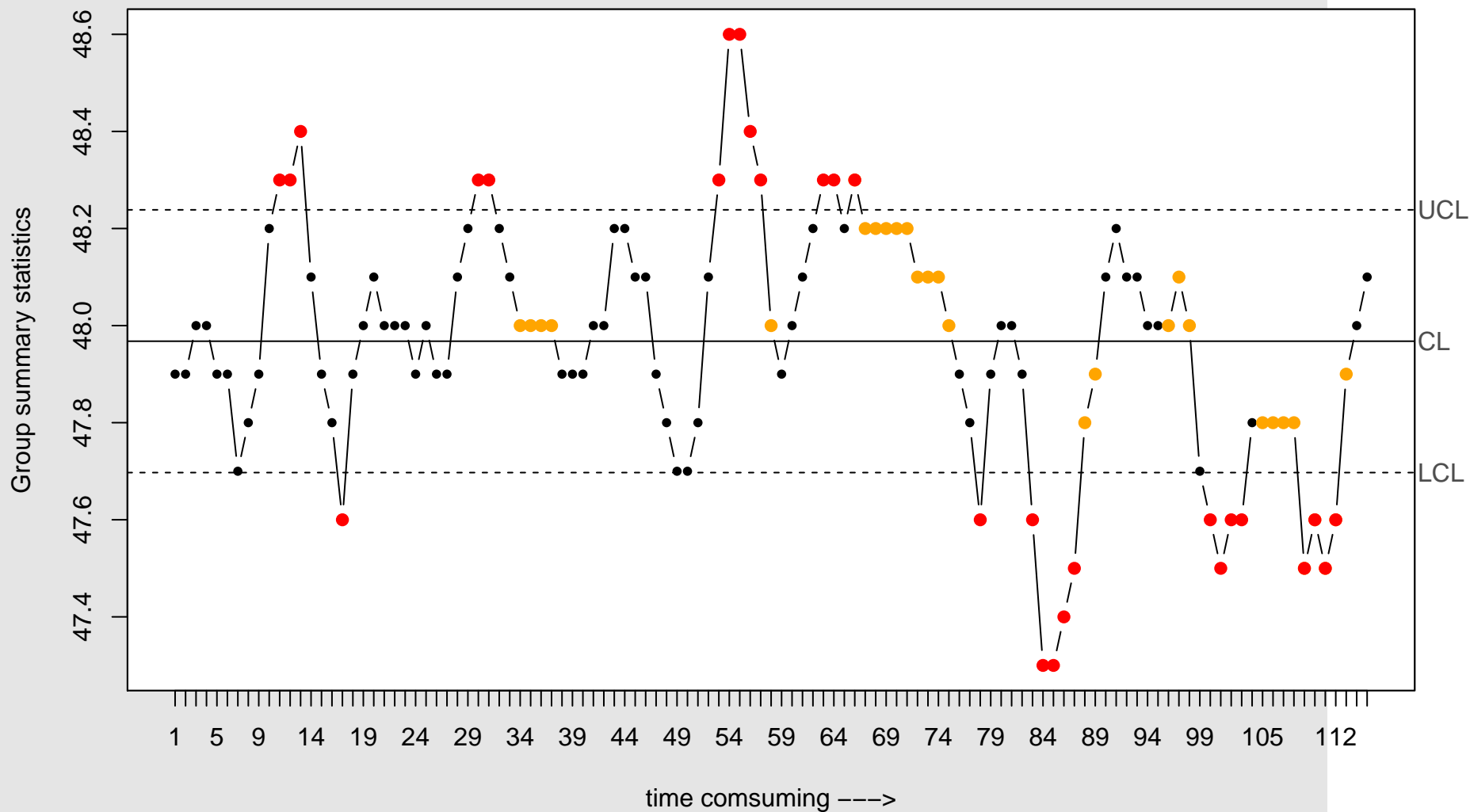
LCL = 47.63434

UCL = 48.25957

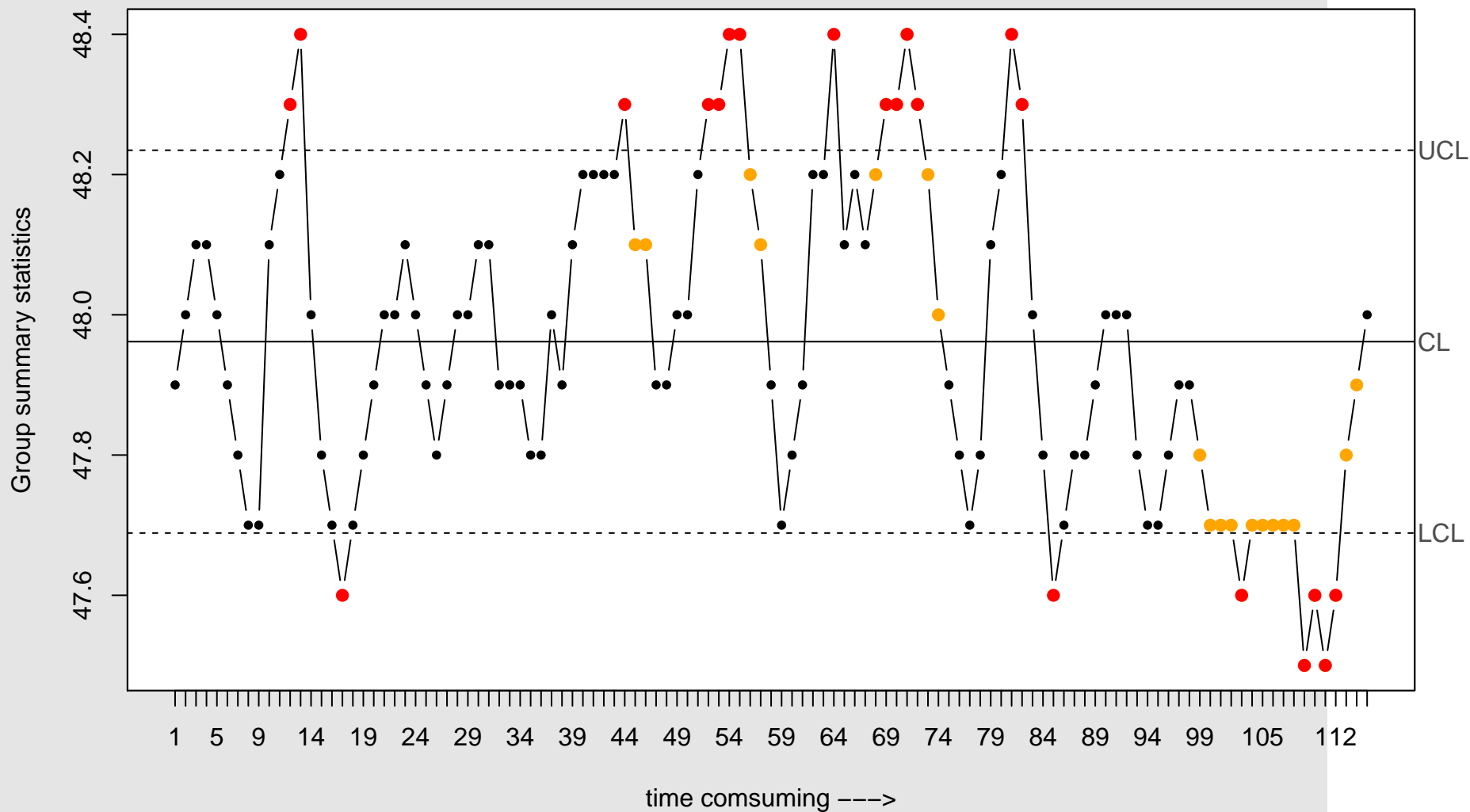
Number beyond limits = 24

Number violating runs = 27

35th column point of this product



36th column point of this product



Number of groups = 115

Center = 47.96174

StdDev = 0.09098544

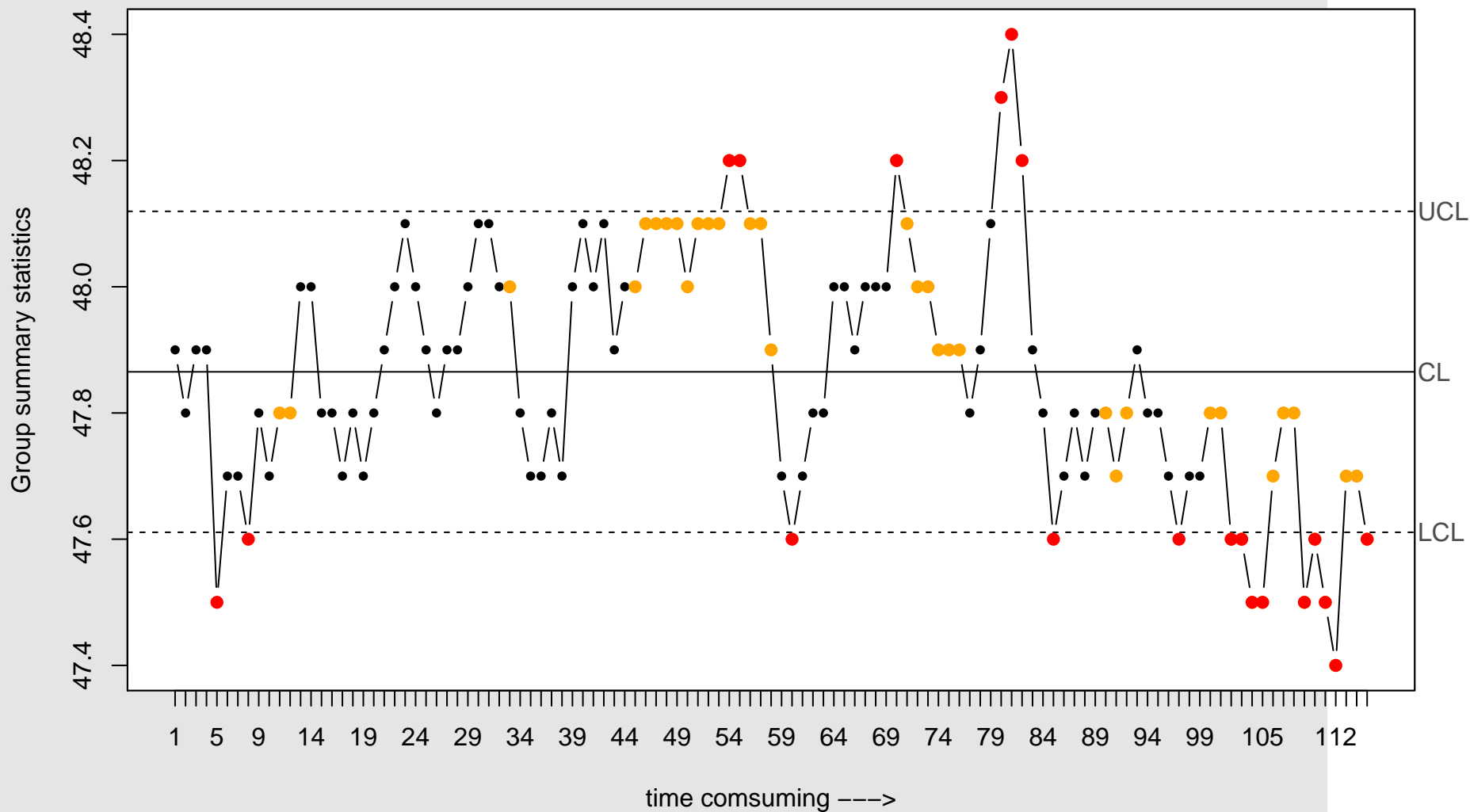
LCL = 47.68878

UCL = 48.2347

Number beyond limits = 21

Number violating runs = 28

37th column point of this product



Number of groups = 115

Center = 47.86522

StdDev = 0.08476422

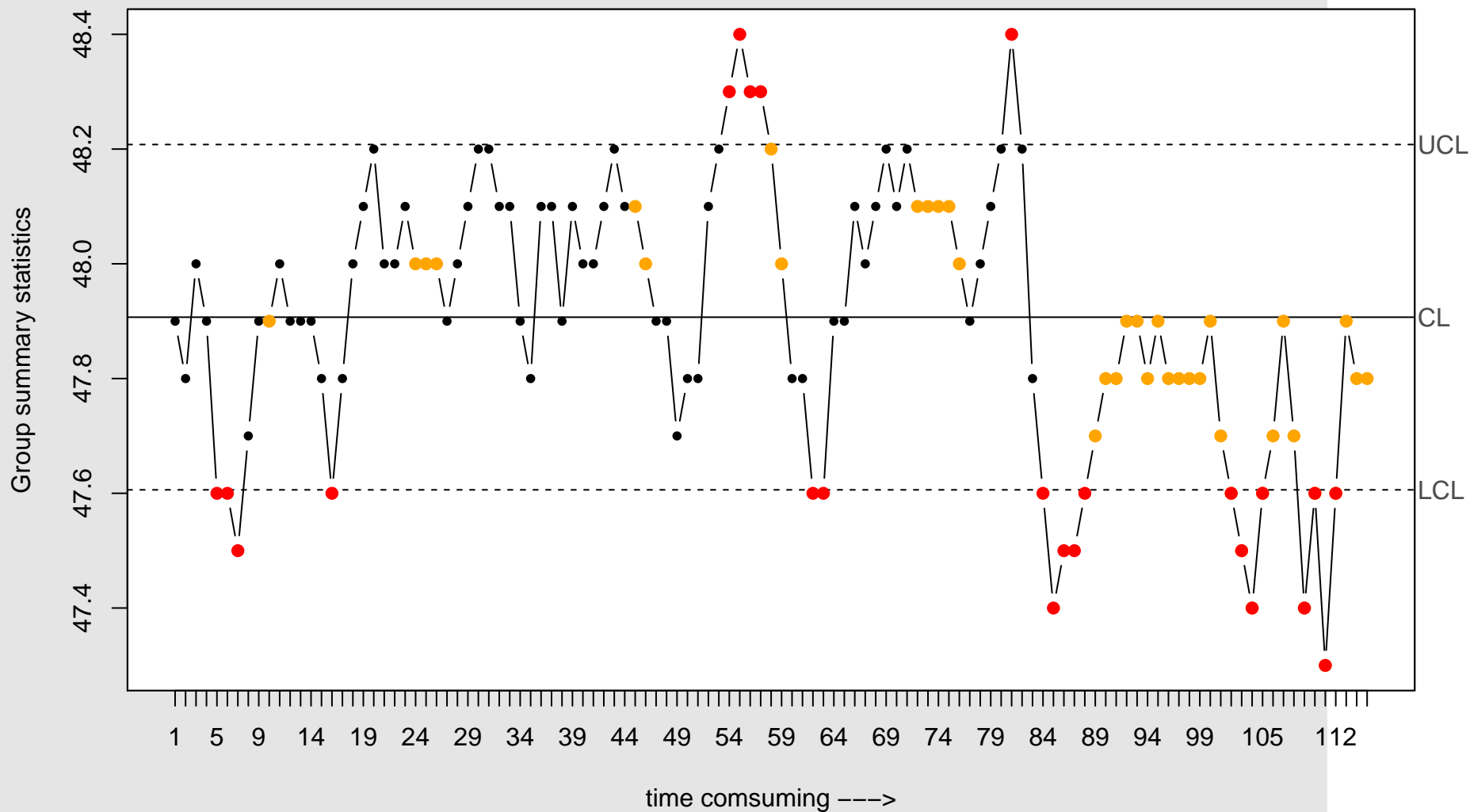
LCL = 47.61092

UCL = 48.11951

Number beyond limits = 20

Number violating runs = 43

38th column point of this product

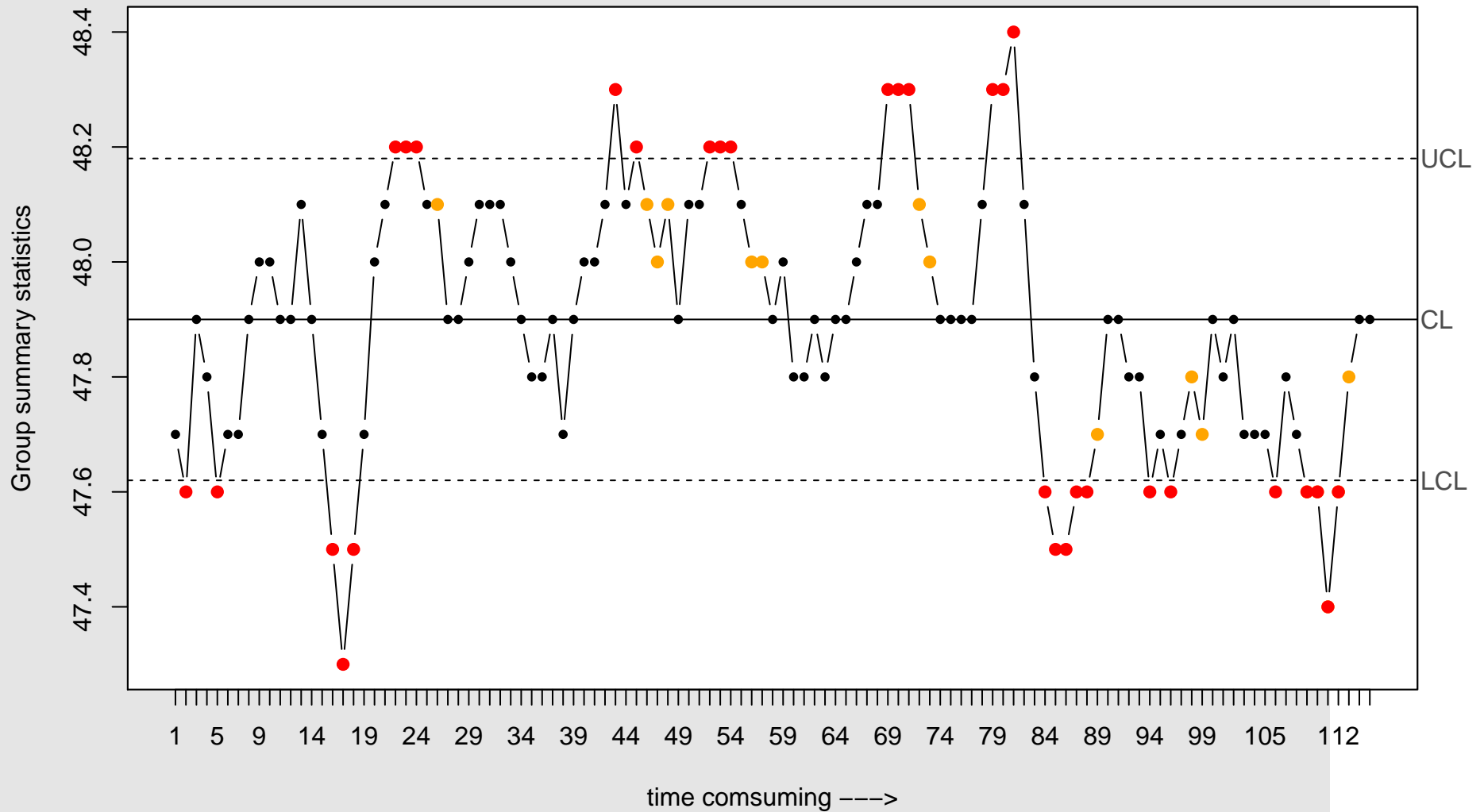


Number of groups = 115
 Center = 47.90696
 StdDev = 0.1003173

LCL = 47.606
 UCL = 48.20791

Number beyond limits = 24
 Number violating runs = 40

39th column point of this product



Number of groups = 115

Center = 47.9

StdDev = 0.0933184

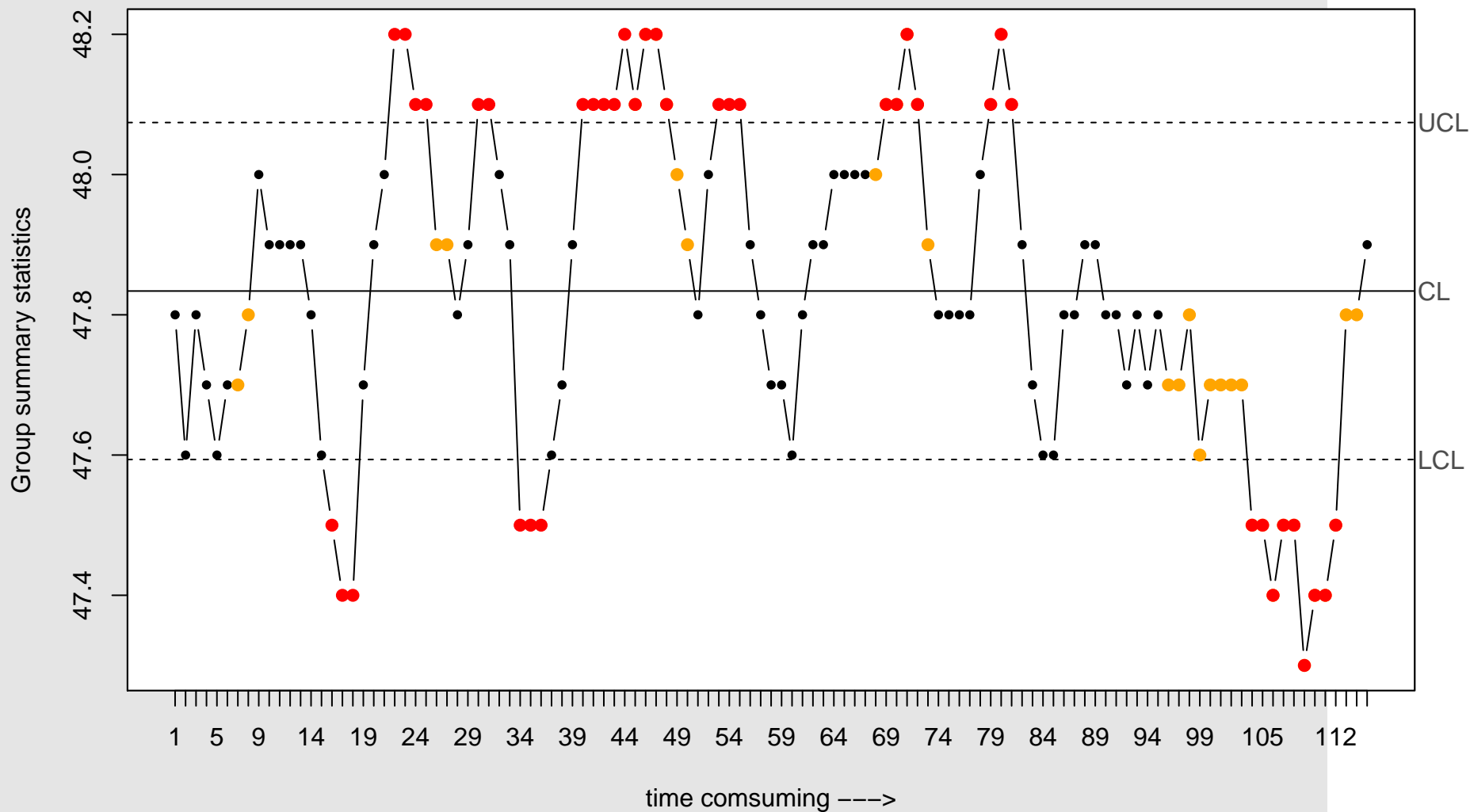
LCL = 47.62004

UCL = 48.17996

Number beyond limits = 31

Number violating runs = 16

40th column point of this product



Number of groups = 115

Center = 47.83391

StdDev = 0.0800983

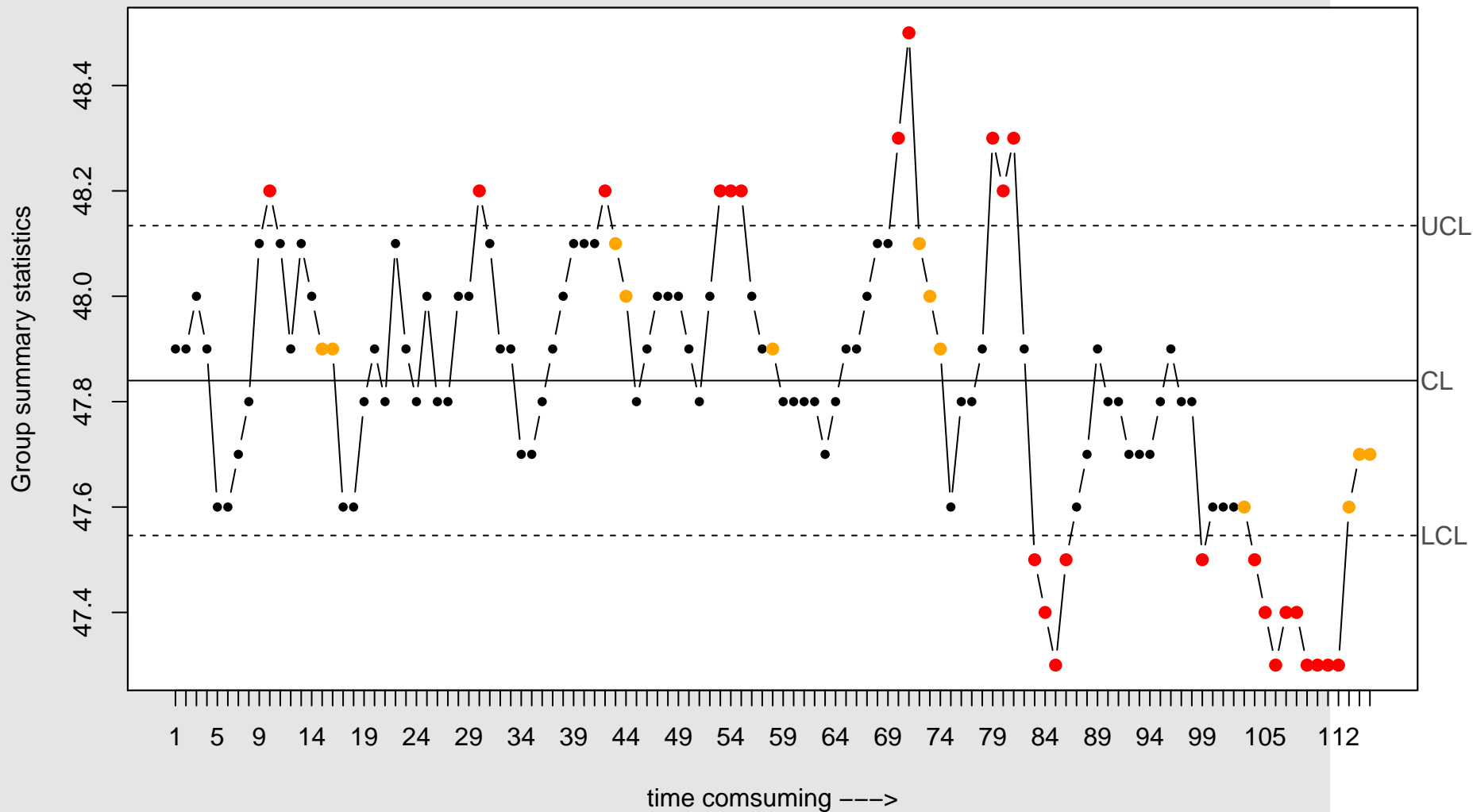
LCL = 47.59362

UCL = 48.07421

Number beyond limits = 40

Number violating runs = 35

41th column point of this product

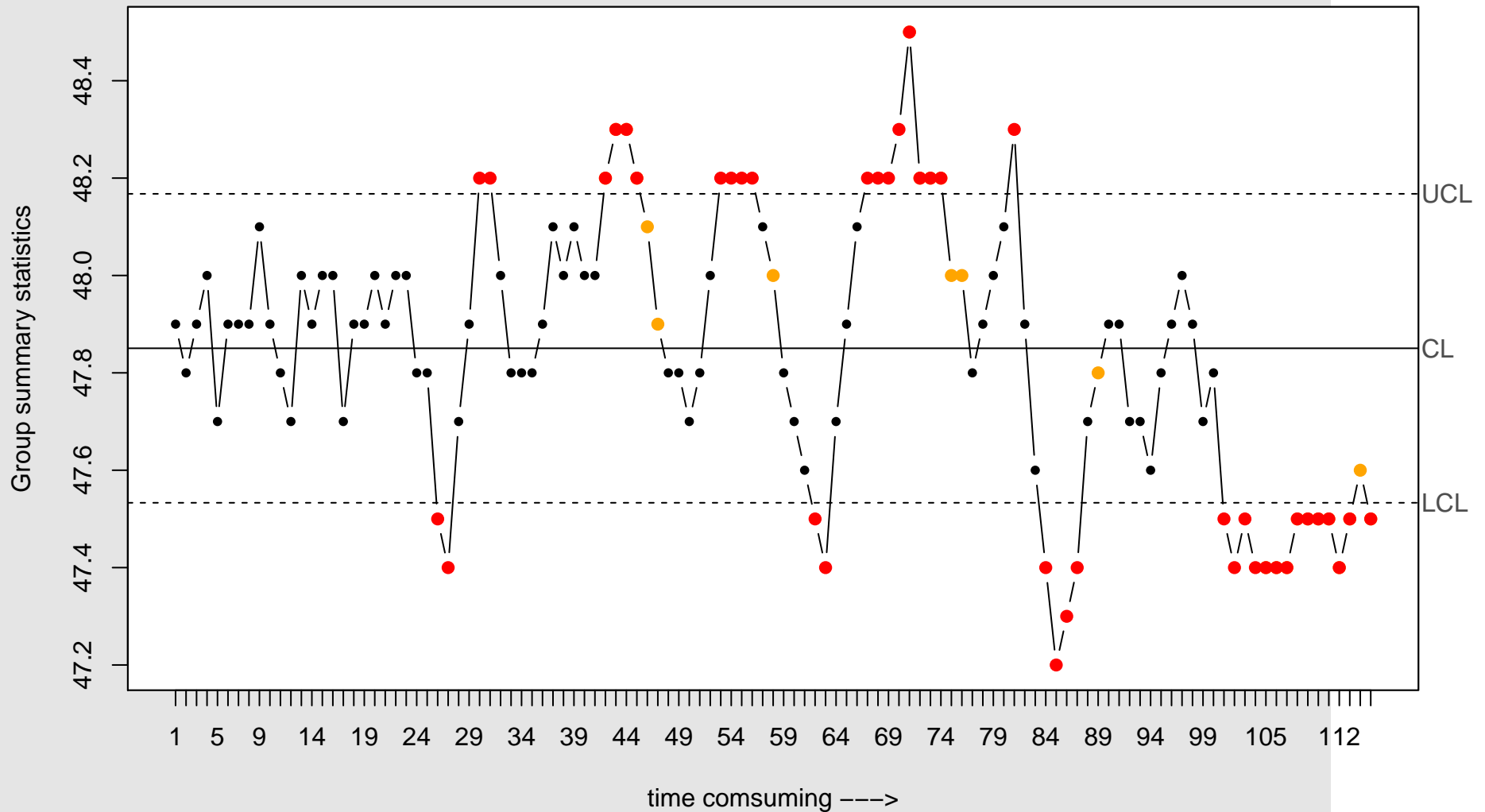


Number of groups = 115
 Center = 47.84
 StdDev = 0.09798432

LCL = 47.54605
 UCL = 48.13395

Number beyond limits = 25
 Number violating runs = 22

42th column point of this product

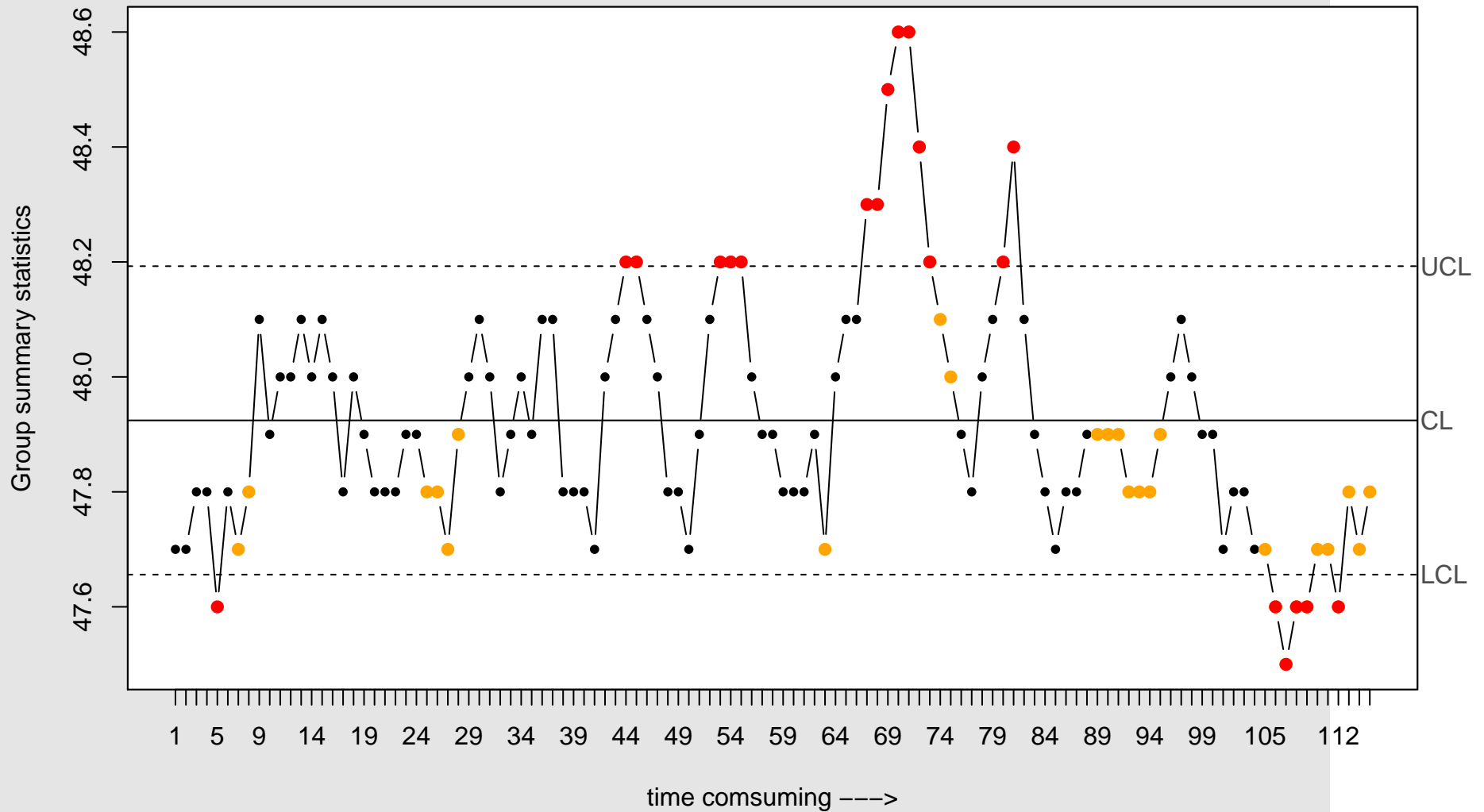


Number of groups = 115
Center = 47.85043
StdDev = 0.1057609

LCL = 47.53315
UCL = 48.16772

Number beyond limits = 41
Number violating runs = 25

43th column point of this product



Number of groups = 115

Center = 47.92435

StdDev = 0.08943014

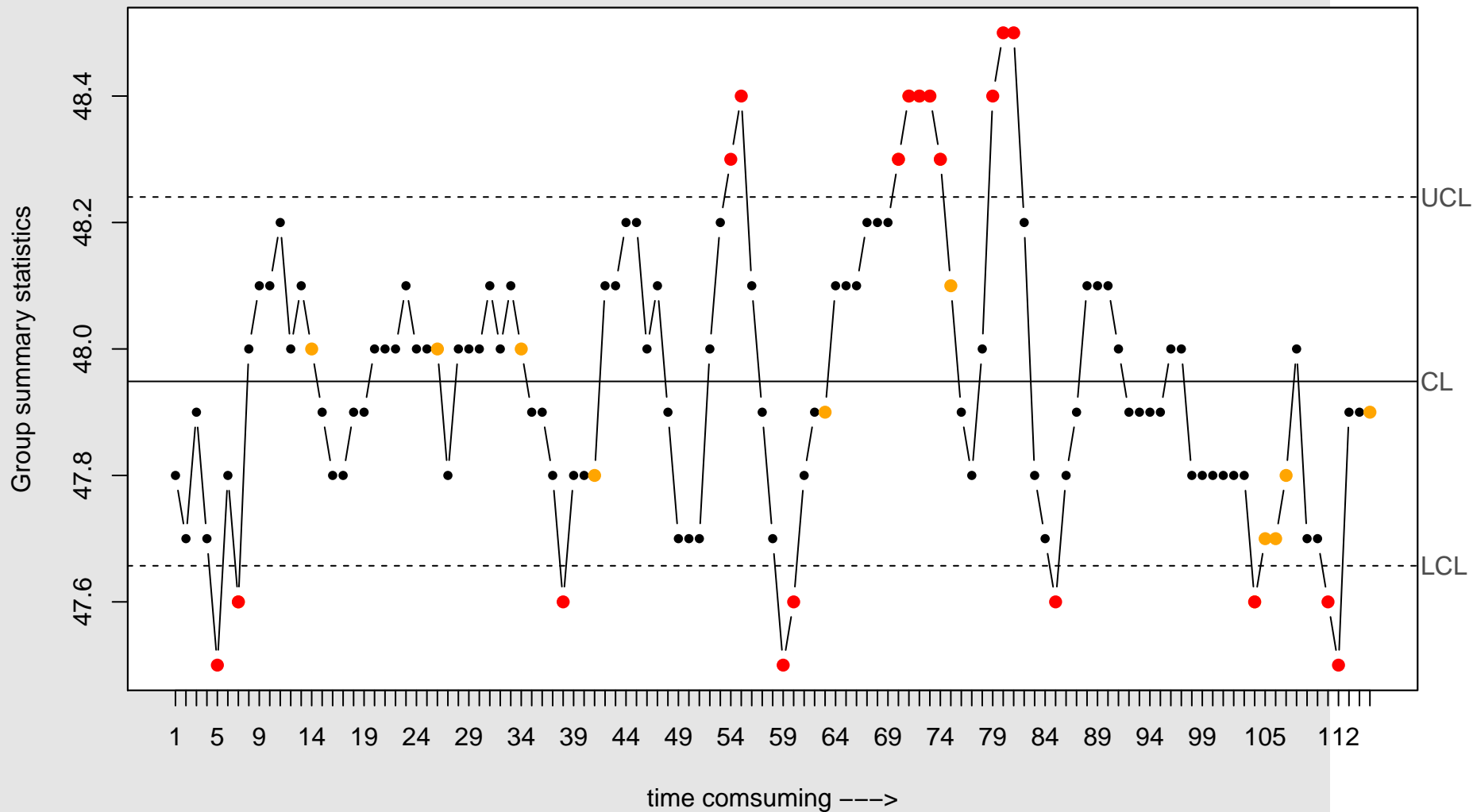
LCL = 47.65606

UCL = 48.19264

Number beyond limits = 20

Number violating runs = 31

44th column point of this product

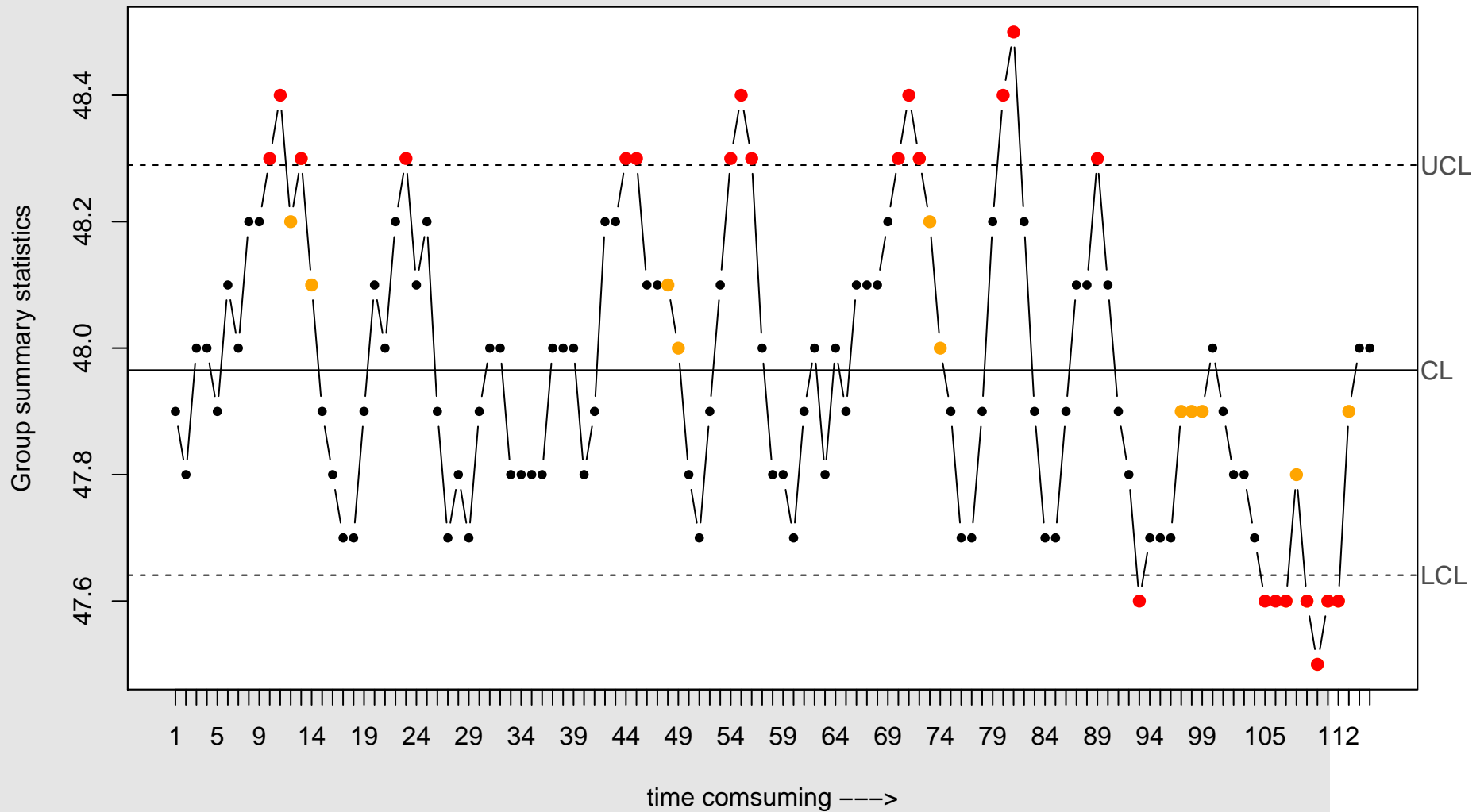


Number of groups = 115
 Center = 47.9487
 StdDev = 0.09720667

LCL = 47.65708
 UCL = 48.24032

Number beyond limits = 19
 Number violating runs = 17

45th column point of this product

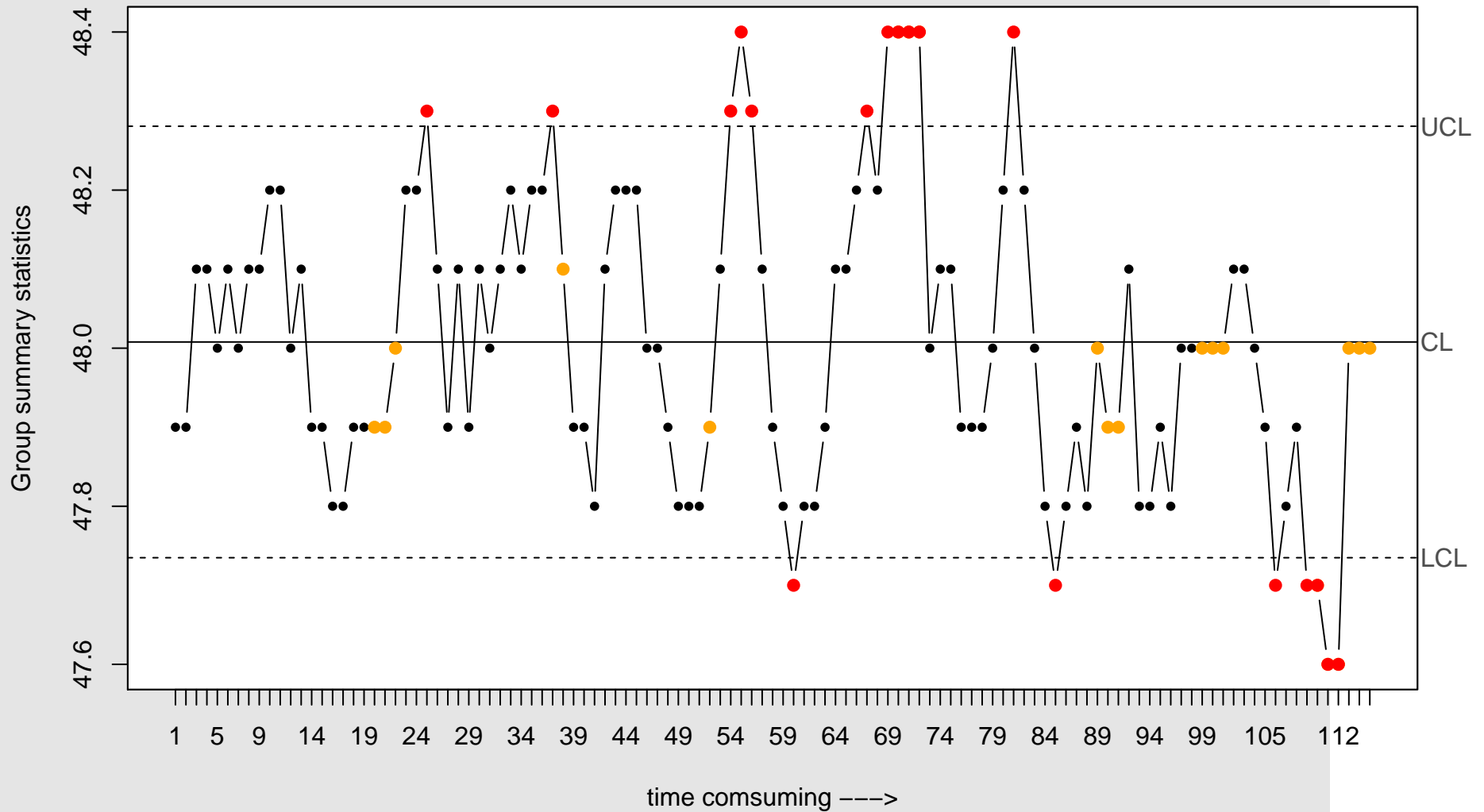


Number of groups = 115
Center = 47.96522
StdDev = 0.1080938

LCL = 47.64094
UCL = 48.2895

Number beyond limits = 23
Number violating runs = 18

46th column point of this product

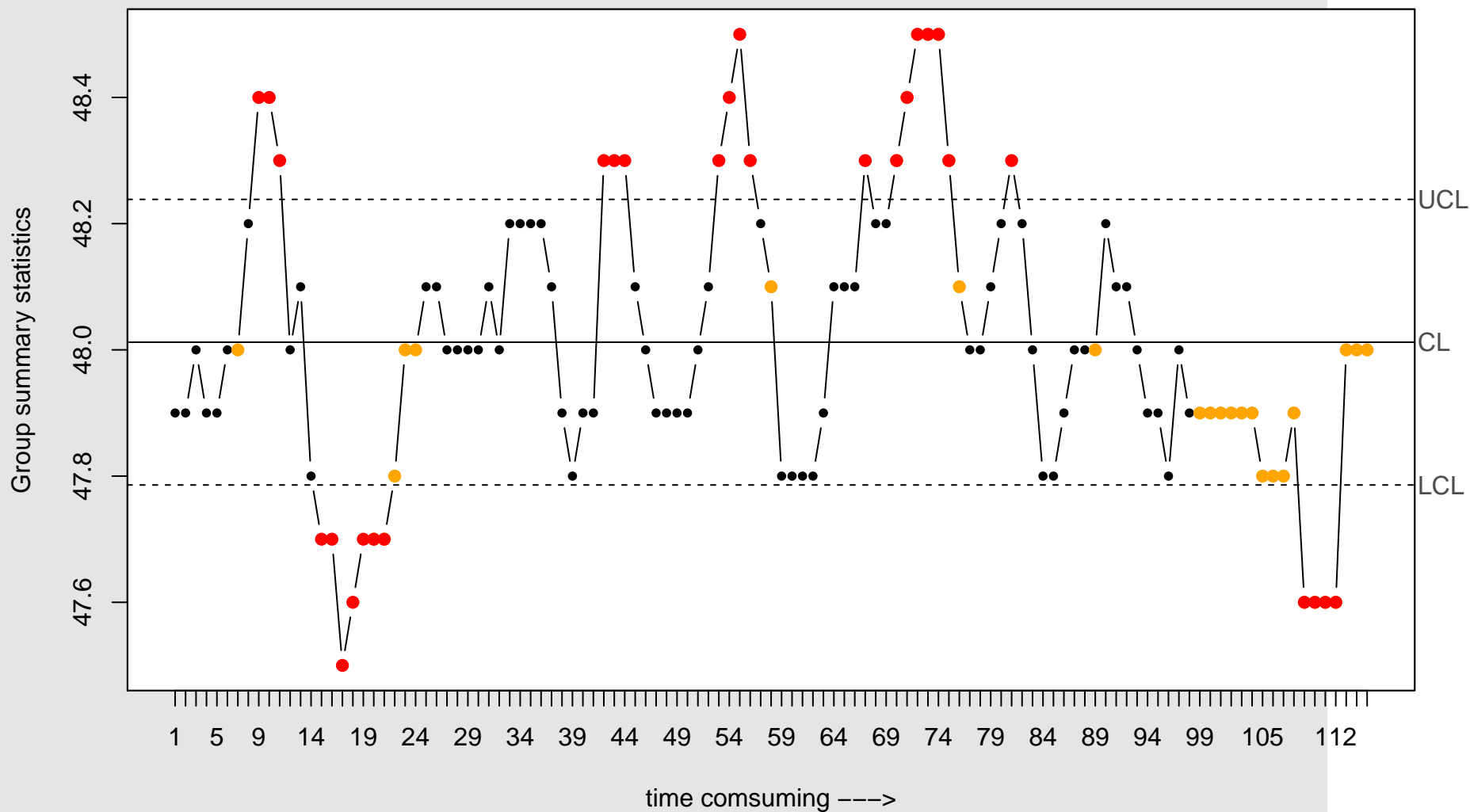


Number of groups = 115
Center = 48.00783
StdDev = 0.09098544

LCL = 47.73487
UCL = 48.28078

Number beyond limits = 18
Number violating runs = 20

47th column point of this product

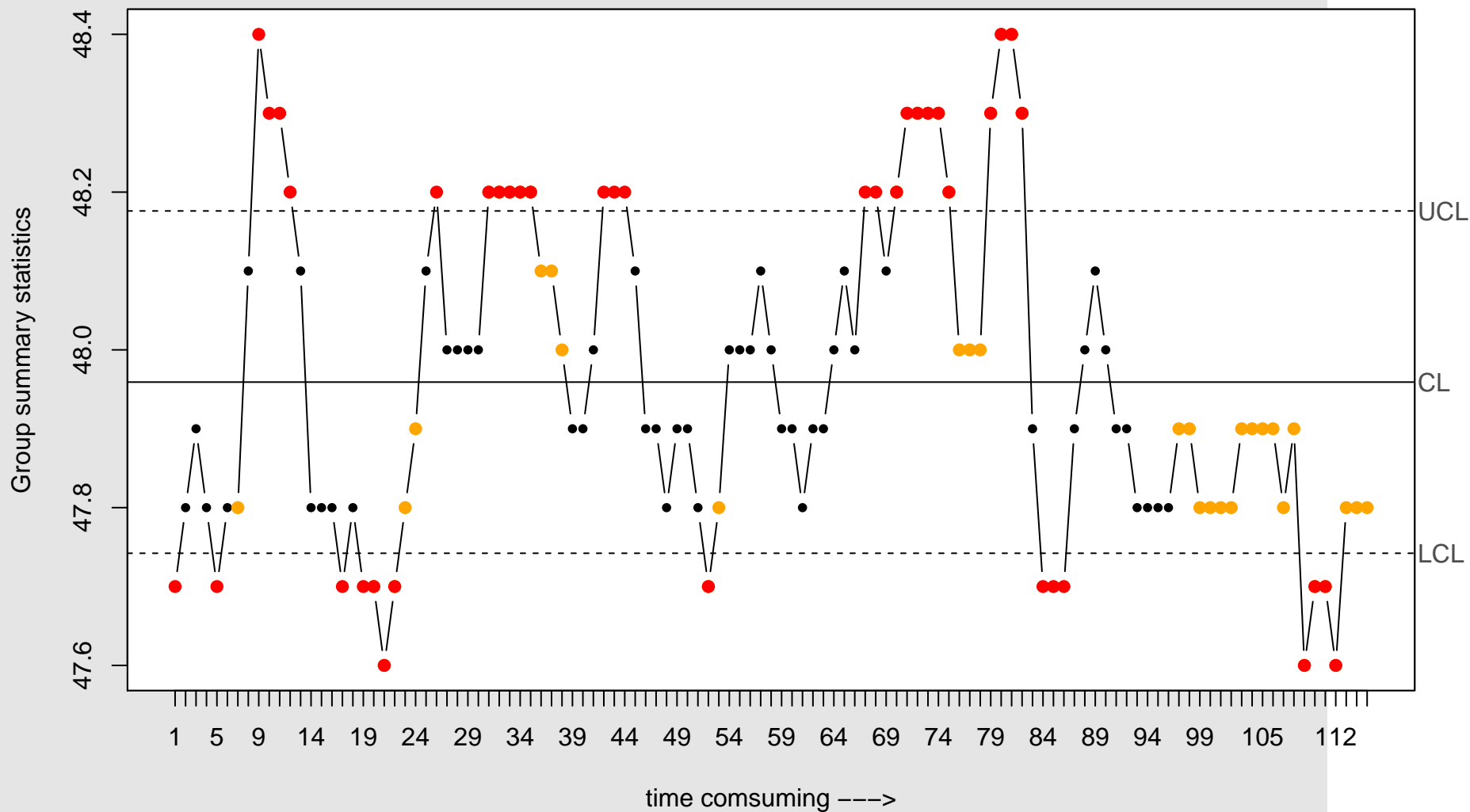


Number of groups = 115
 Center = 48.01217
 StdDev = 0.07543238

LCL = 47.78588
 UCL = 48.23847

Number beyond limits = 29
 Number violating runs = 32

48th column point of this product



Number of groups = 115

Center = 47.95913

StdDev = 0.07232176

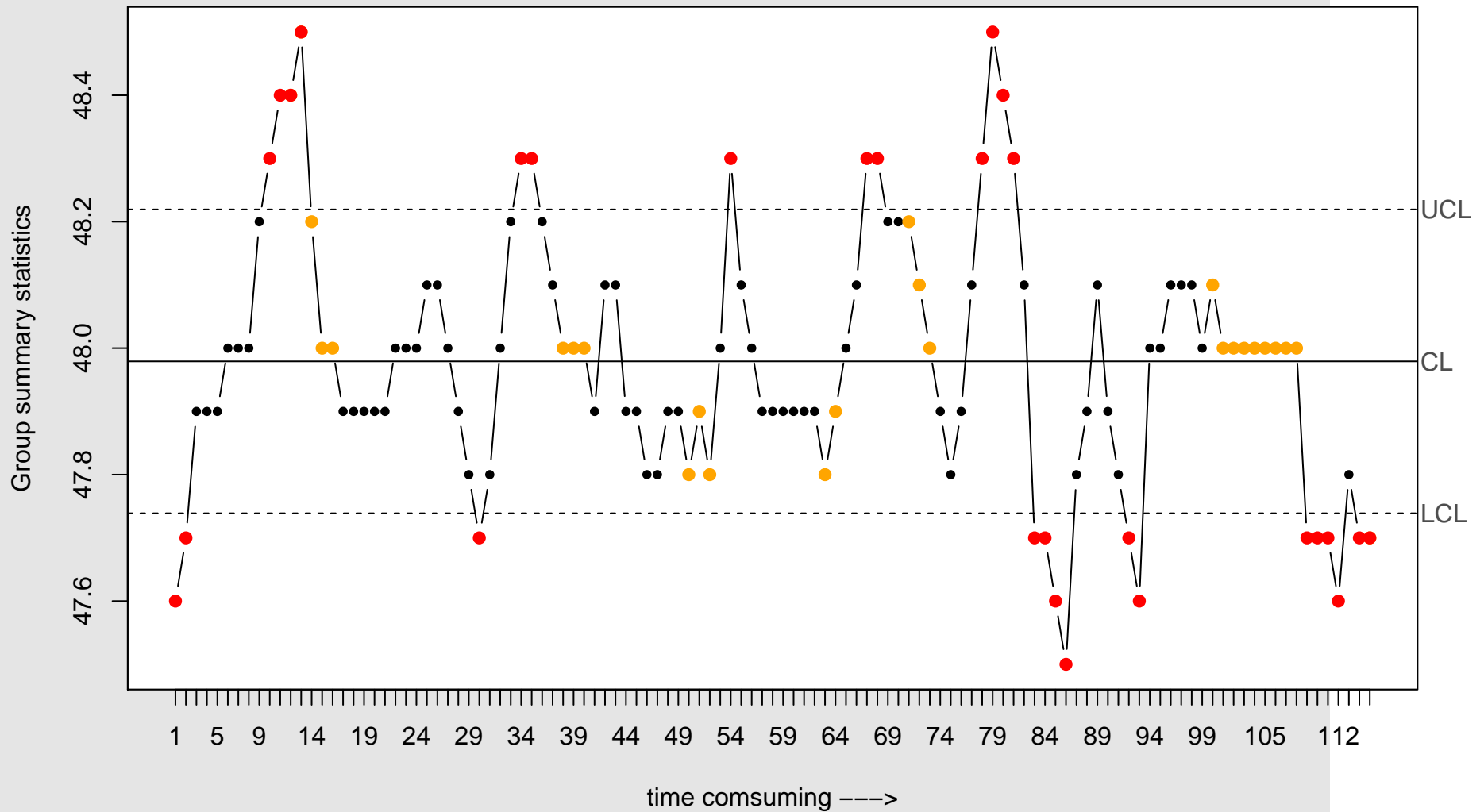
LCL = 47.74217

UCL = 48.1761

Number beyond limits = 40

Number violating runs = 48

49th column point of this product

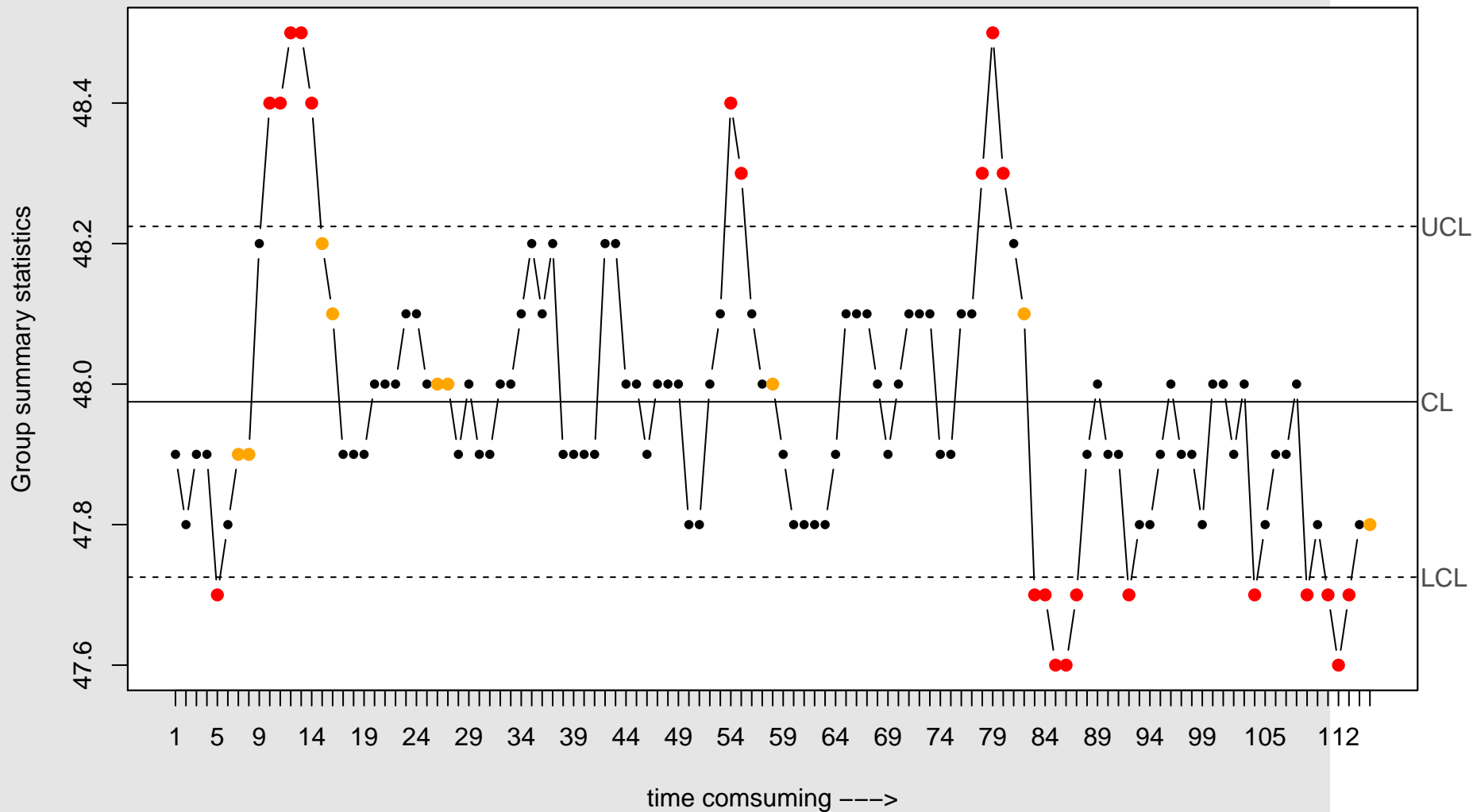


Number of groups = 115
 Center = 47.97913
 StdDev = 0.0800983

LCL = 47.73884
 UCL = 48.21943

Number beyond limits = 28
 Number violating runs = 26

50th column point of this product

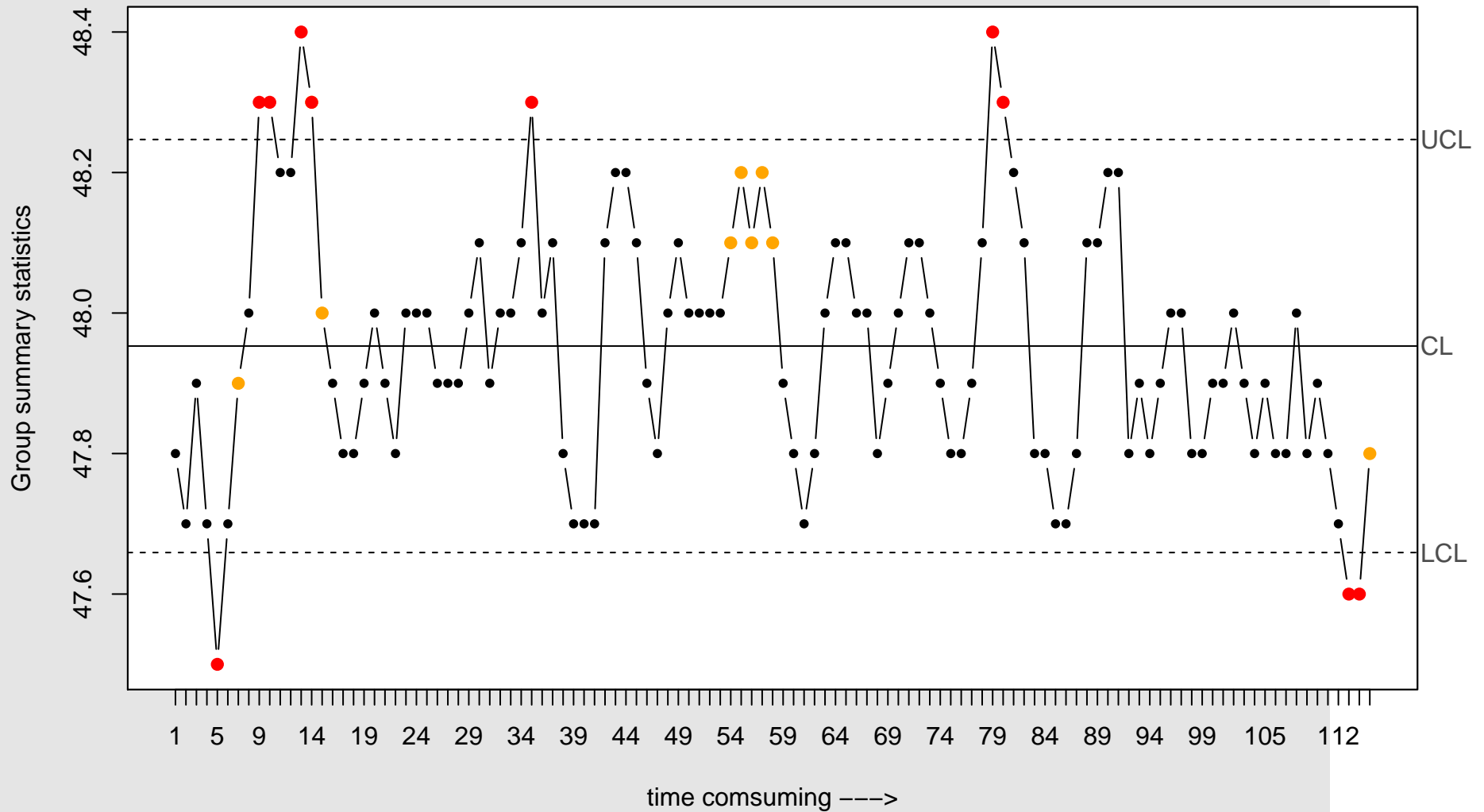


Number of groups = 115
 Center = 47.97478
 StdDev = 0.08320891

LCL = 47.72516
 UCL = 48.22441

Number beyond limits = 22
 Number violating runs = 9

51th column point of this product



Number of groups = 115

Center = 47.95304

StdDev = 0.09798432

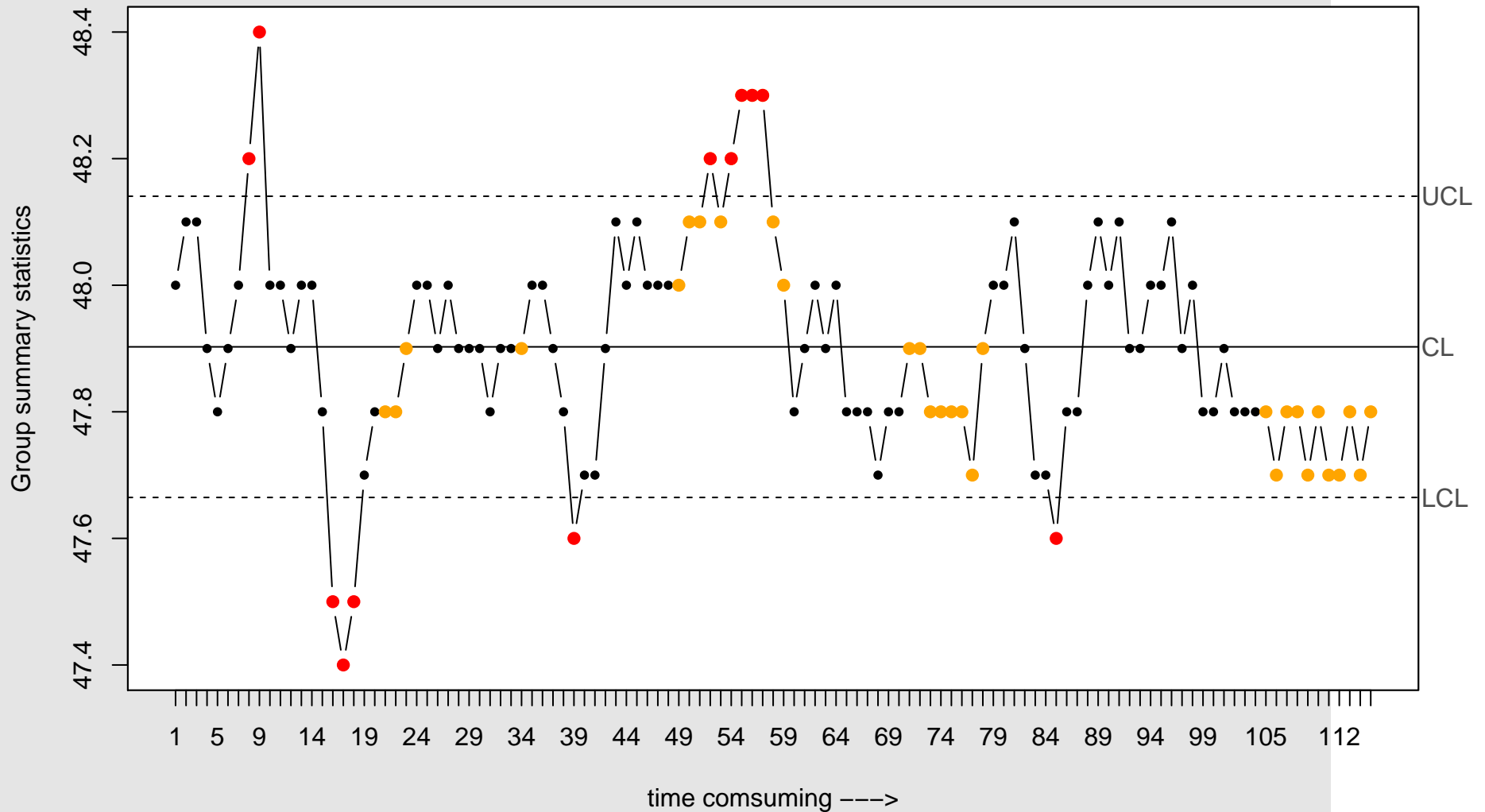
LCL = 47.65909

UCL = 48.247

Number beyond limits = 10

Number violating runs = 9

52th column point of this product



Number of groups = 115

Center = 47.90261

StdDev = 0.07932064

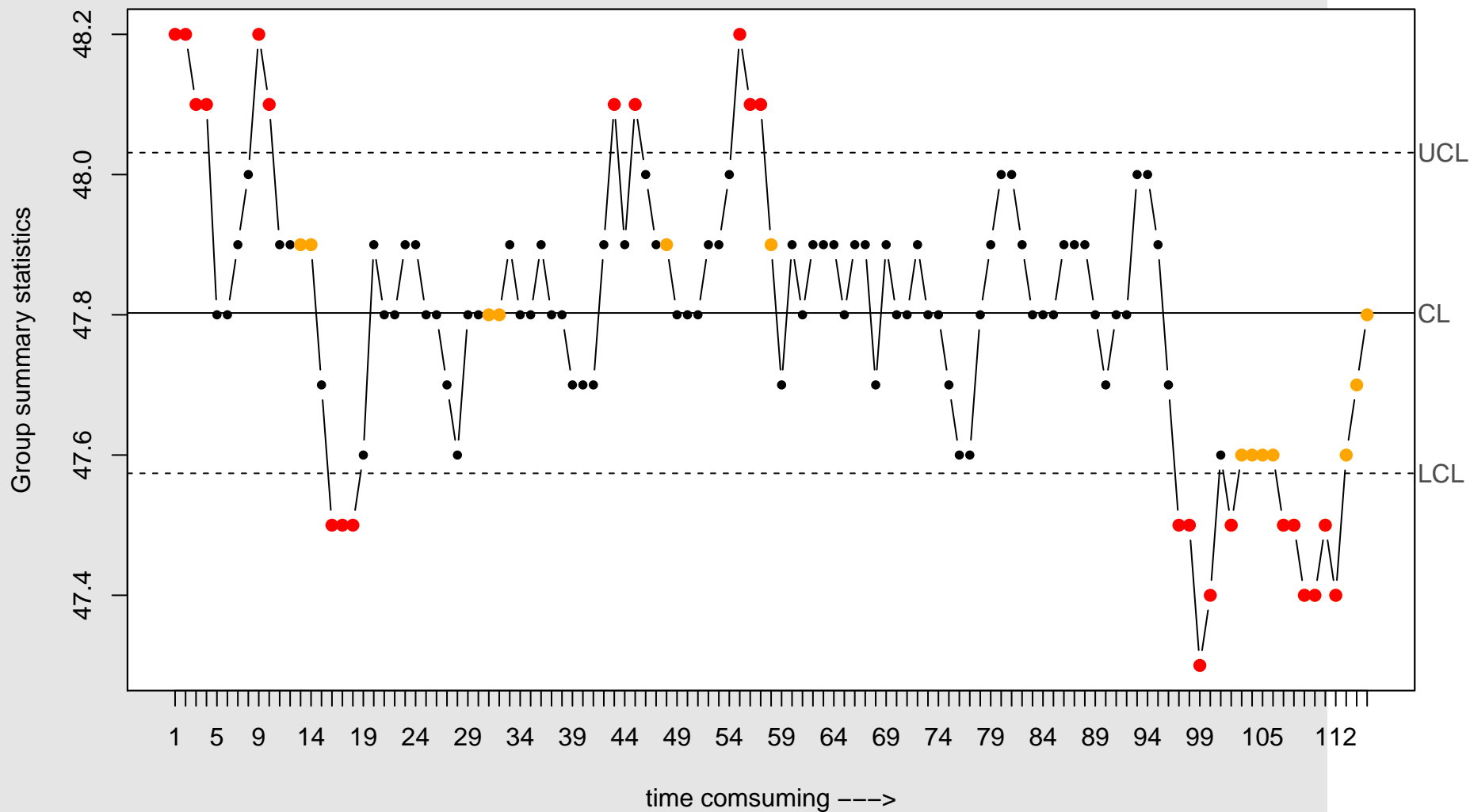
LCL = 47.66465

UCL = 48.14057

Number beyond limits = 12

Number violating runs = 34

53th column point of this product

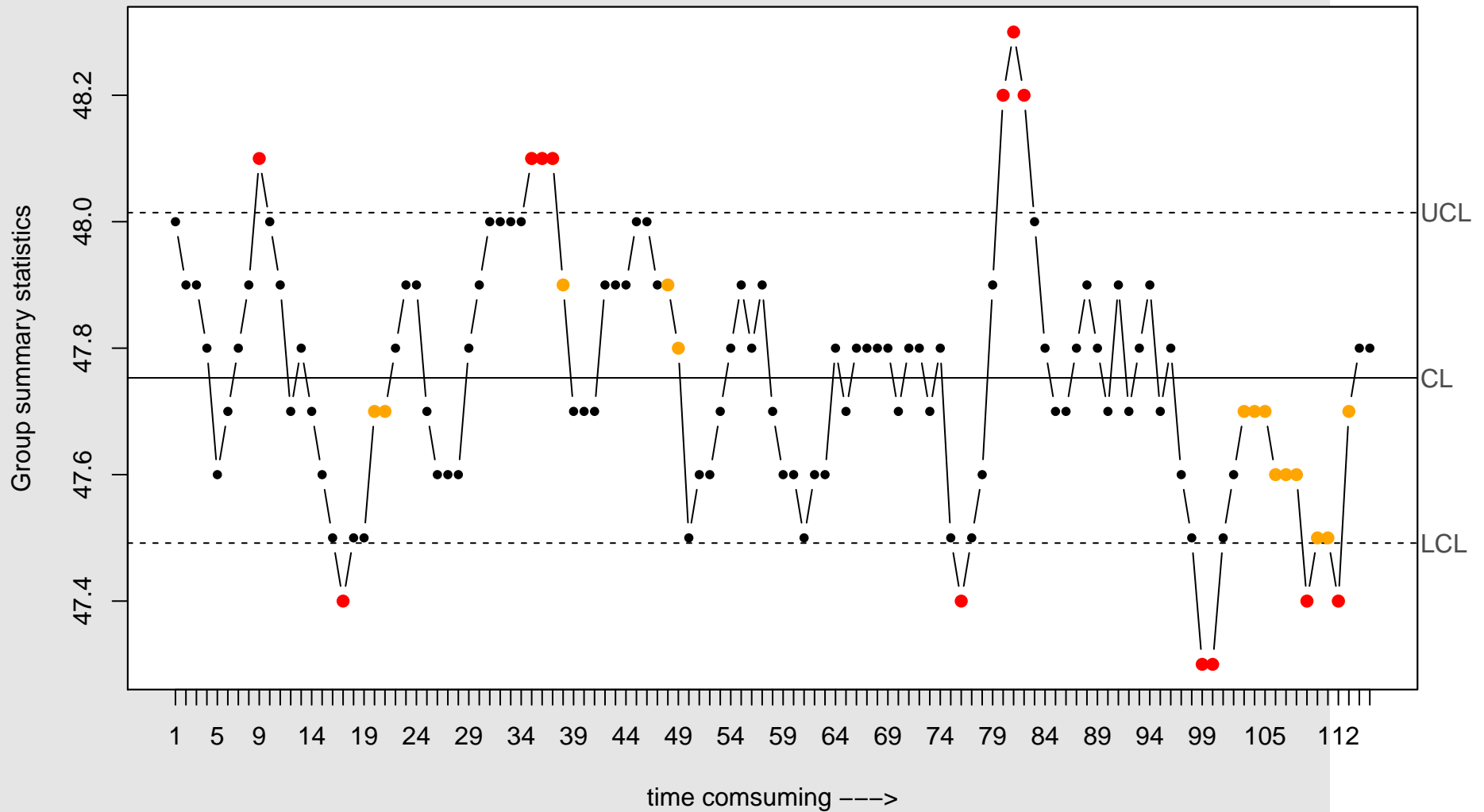


Number of groups = 115
 Center = 47.80261
 StdDev = 0.07621003

LCL = 47.57398
 UCL = 48.03124

Number beyond limits = 25
 Number violating runs = 20

54th column point of this product

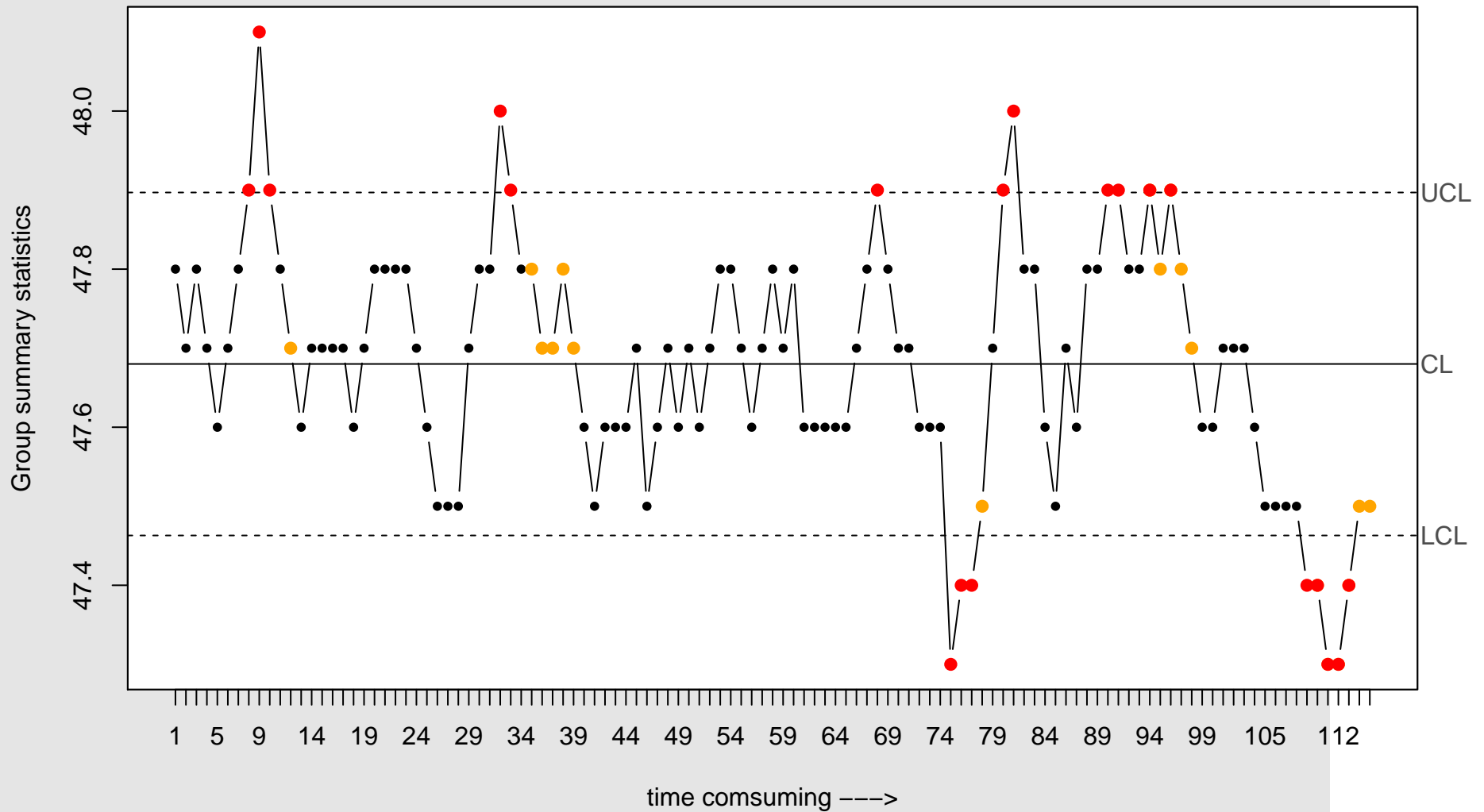


Number of groups = 115
 Center = 47.75304
 StdDev = 0.08709718

LCL = 47.49175
 UCL = 48.01434

Number beyond limits = 13
 Number violating runs = 19

55th column point of this product

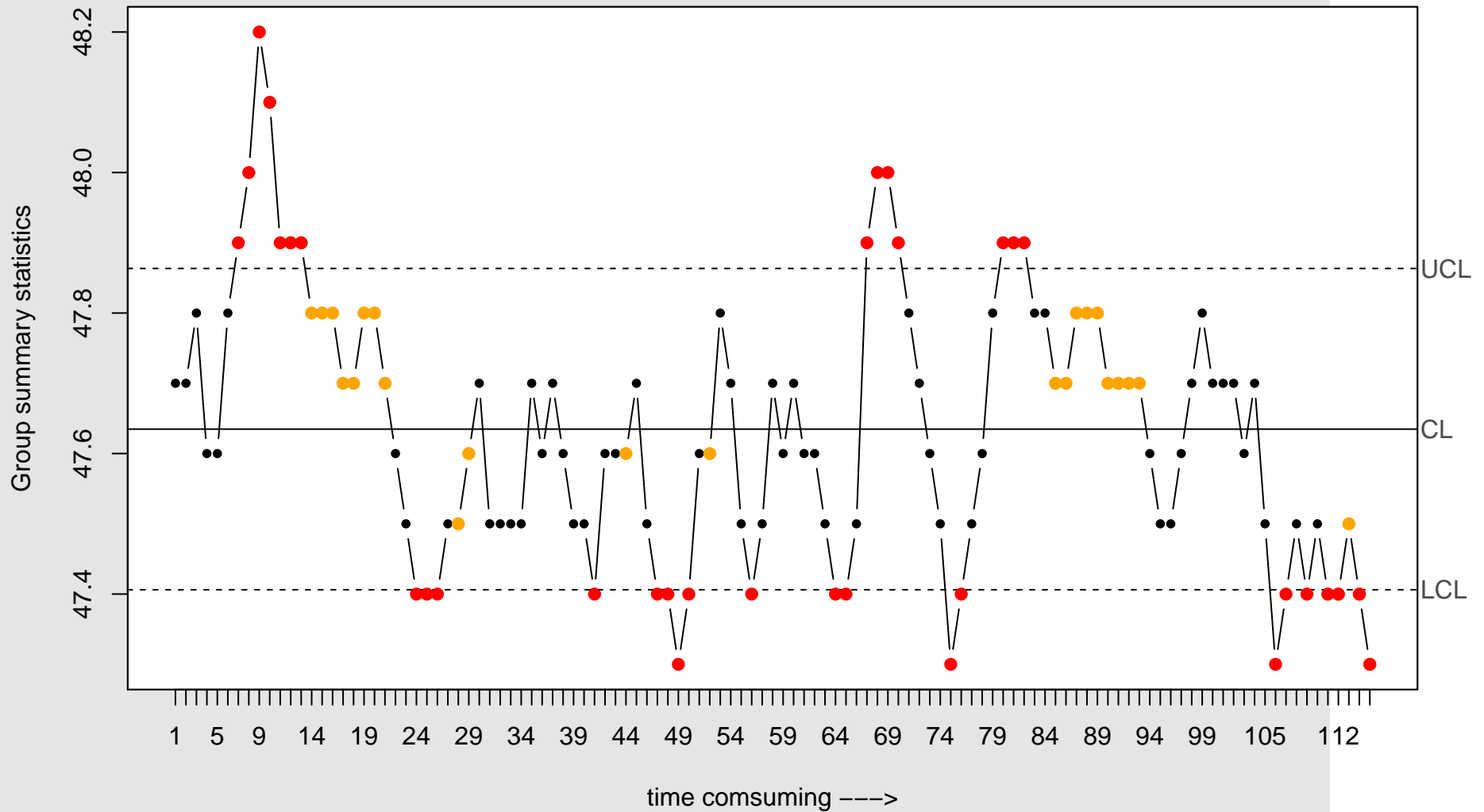


Number of groups = 115
 Center = 47.68
 StdDev = 0.07232176

LCL = 47.46303
 UCL = 47.89697

Number beyond limits = 20
 Number violating runs = 18

56th column point of this product



Number of groups = 115

Center = 47.63478

StdDev = 0.07621003

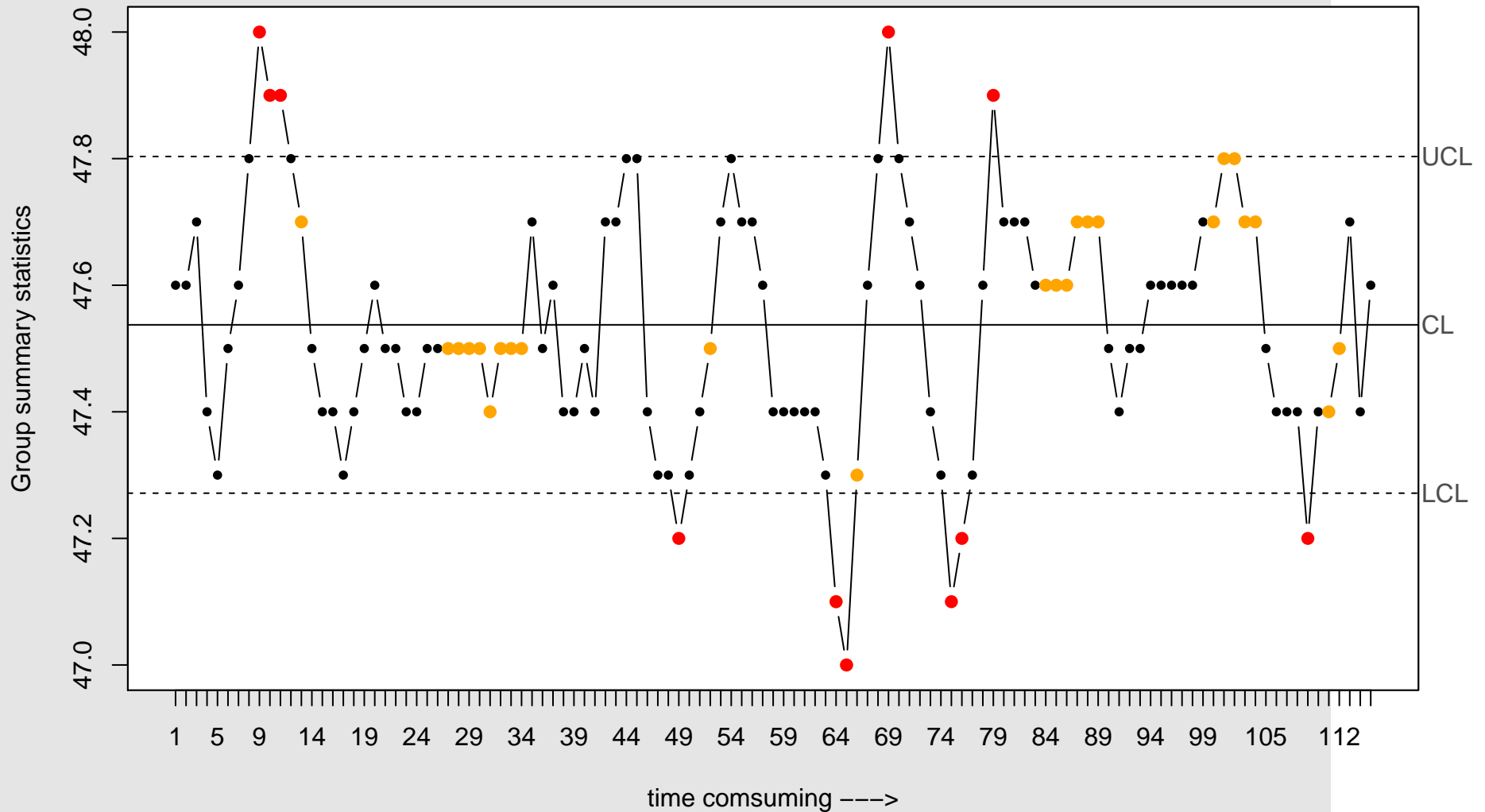
LCL = 47.40615

UCL = 47.86341

Number beyond limits = 34

Number violating runs = 28

57th column point of this product



Number of groups = 115

Center = 47.53739

StdDev = 0.08865248

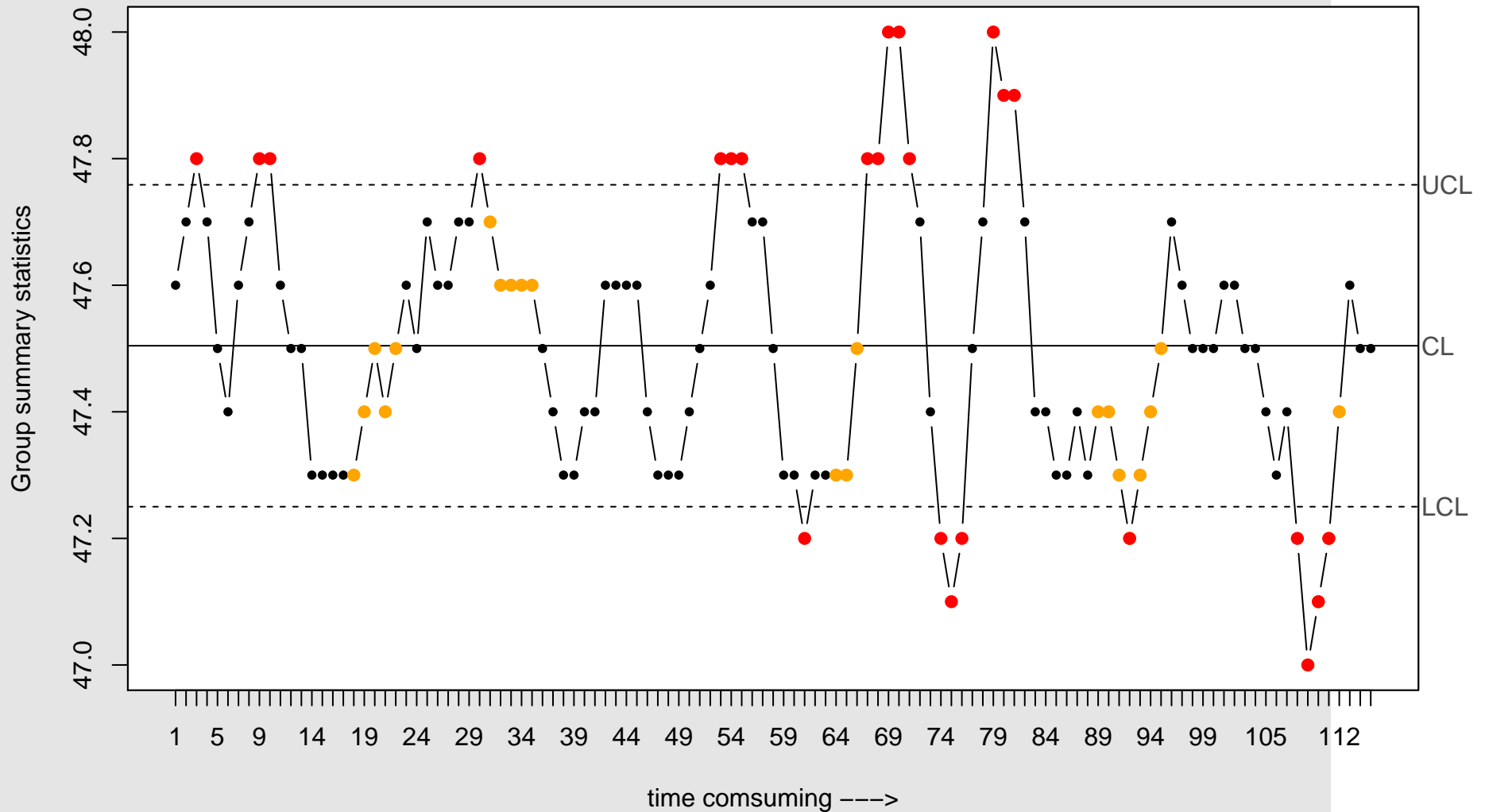
LCL = 47.27143

UCL = 47.80335

Number beyond limits = 11

Number violating runs = 26

58th column point of this product



Number of groups = 115

Center = 47.50435

StdDev = 0.08476422

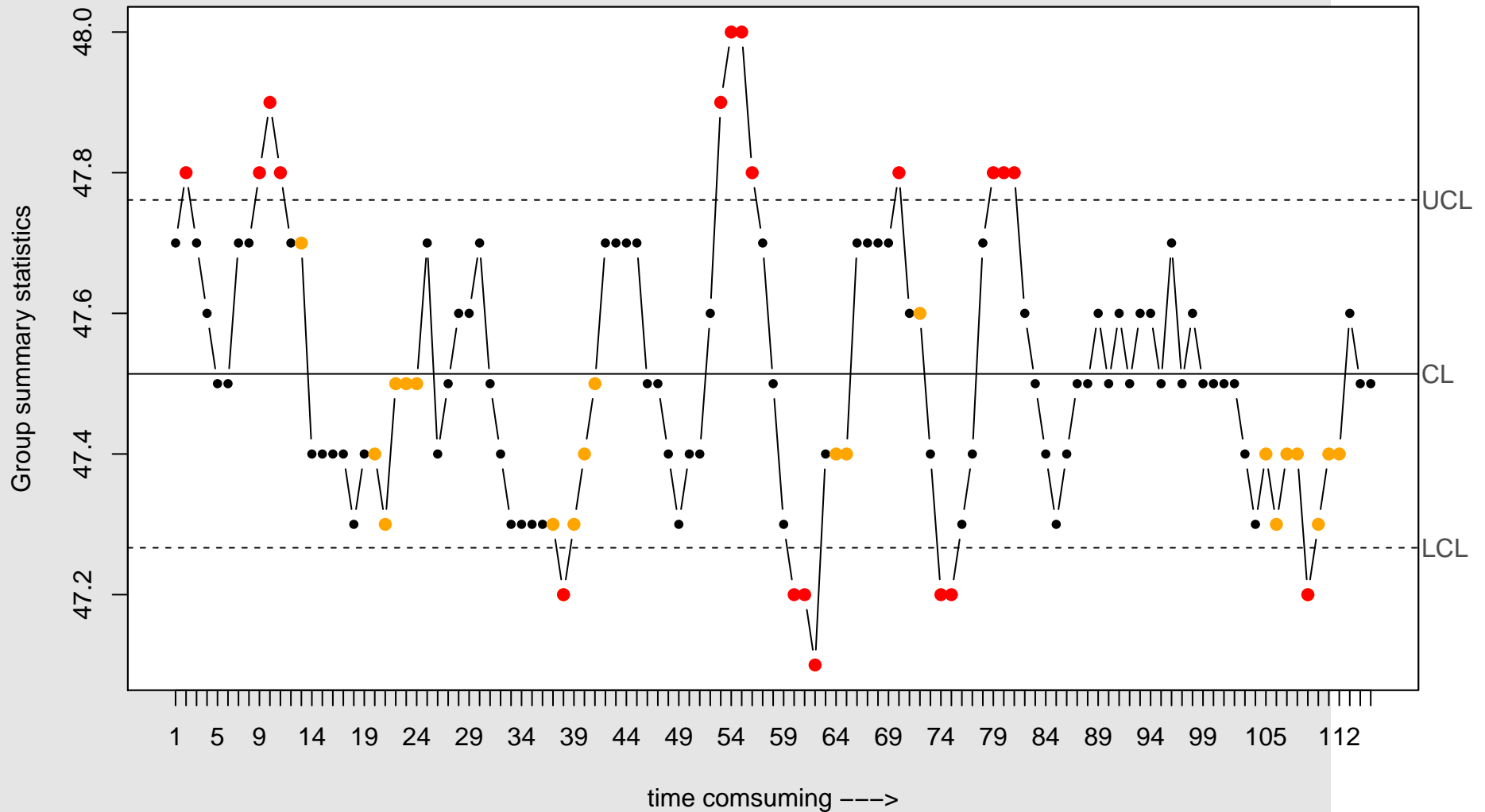
LCL = 47.25006

UCL = 47.75864

Number beyond limits = 24

Number violating runs = 24

59th column point of this product



Number of groups = 115

Center = 47.51391

StdDev = 0.08243126

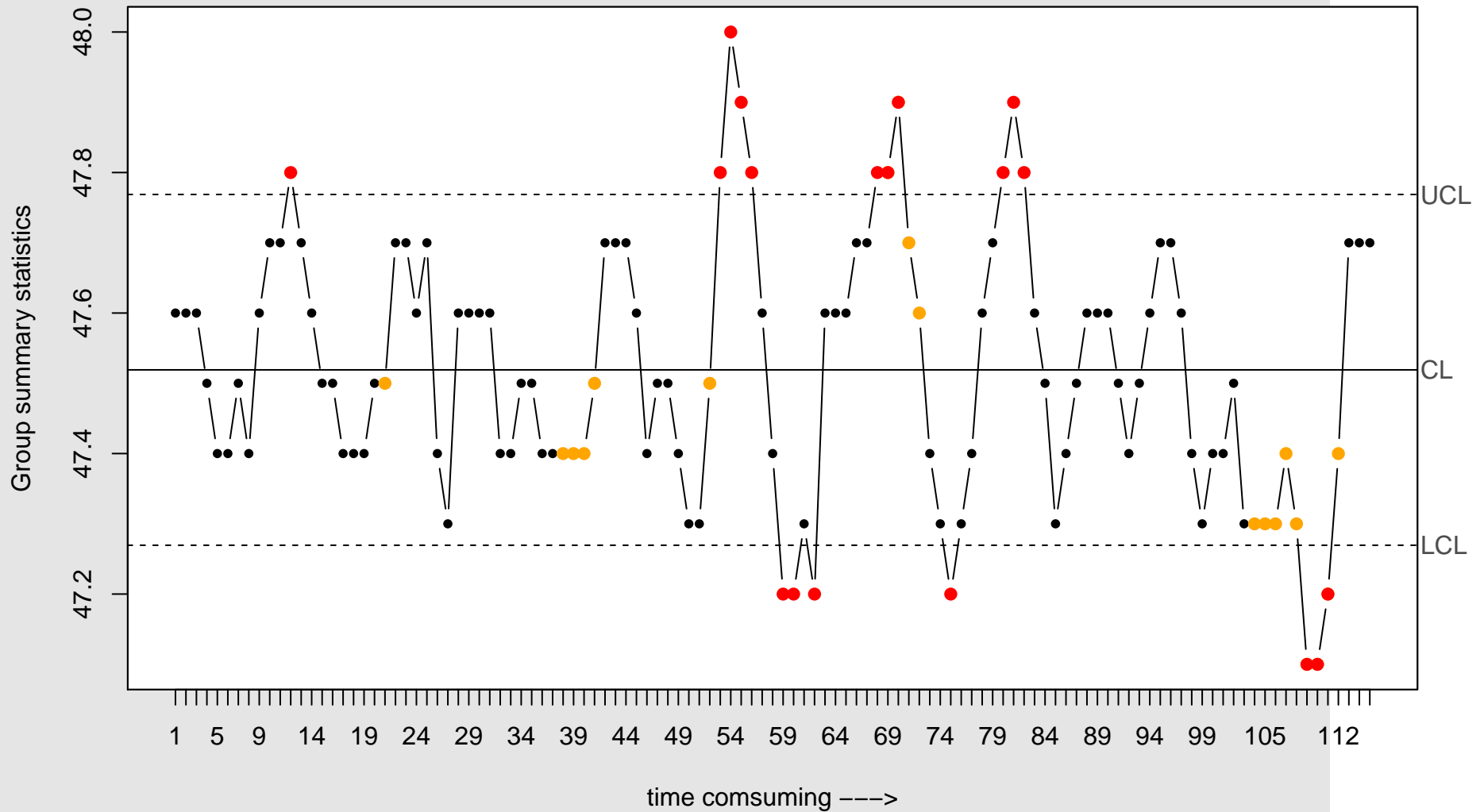
LCL = 47.26662

UCL = 47.76121

Number beyond limits = 19

Number violating runs = 22

60th column point of this product

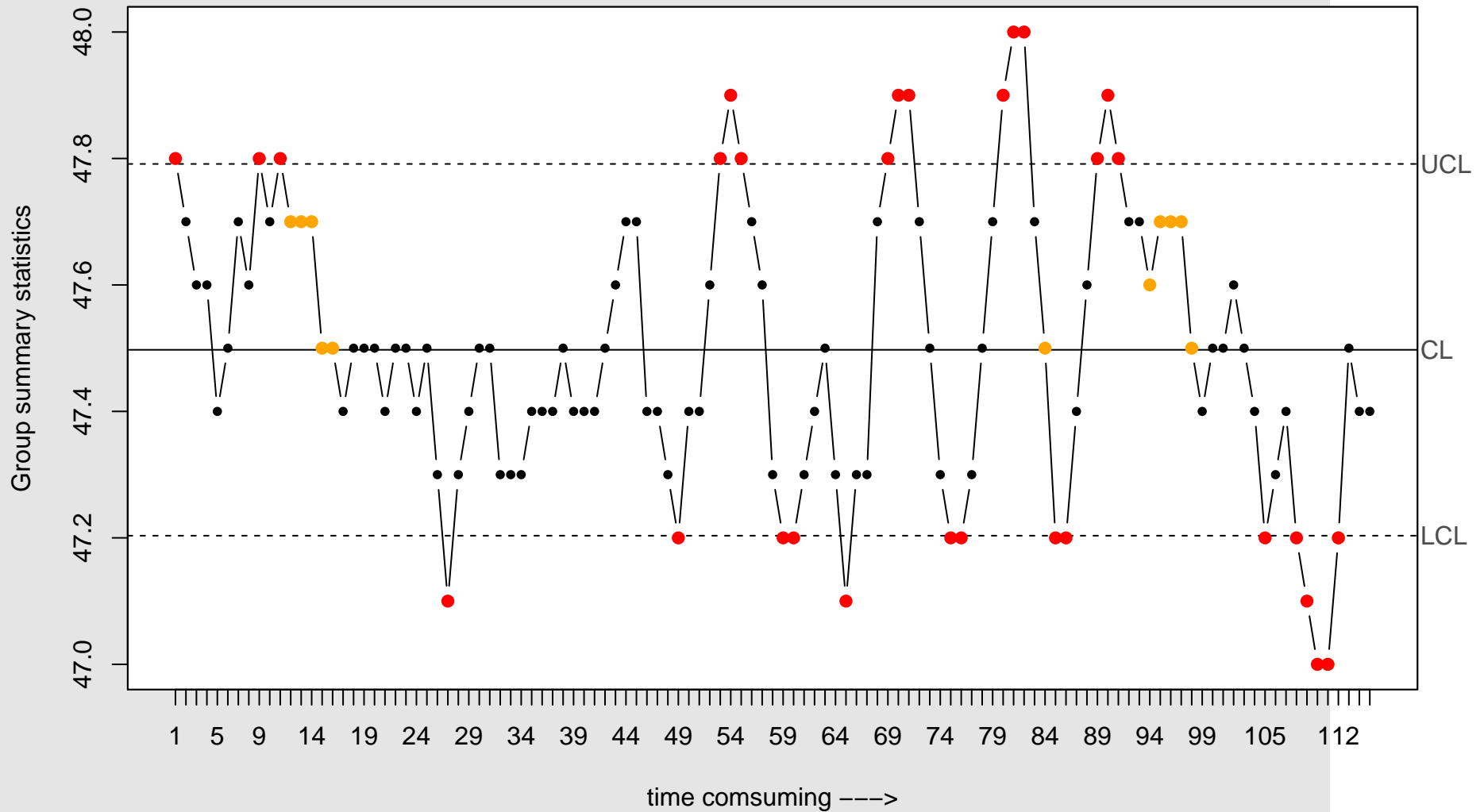


Number of groups = 115
Center = 47.51913
StdDev = 0.08320891

LCL = 47.2695
UCL = 47.76876

Number beyond limits = 18
Number violating runs = 19

61th column point of this product

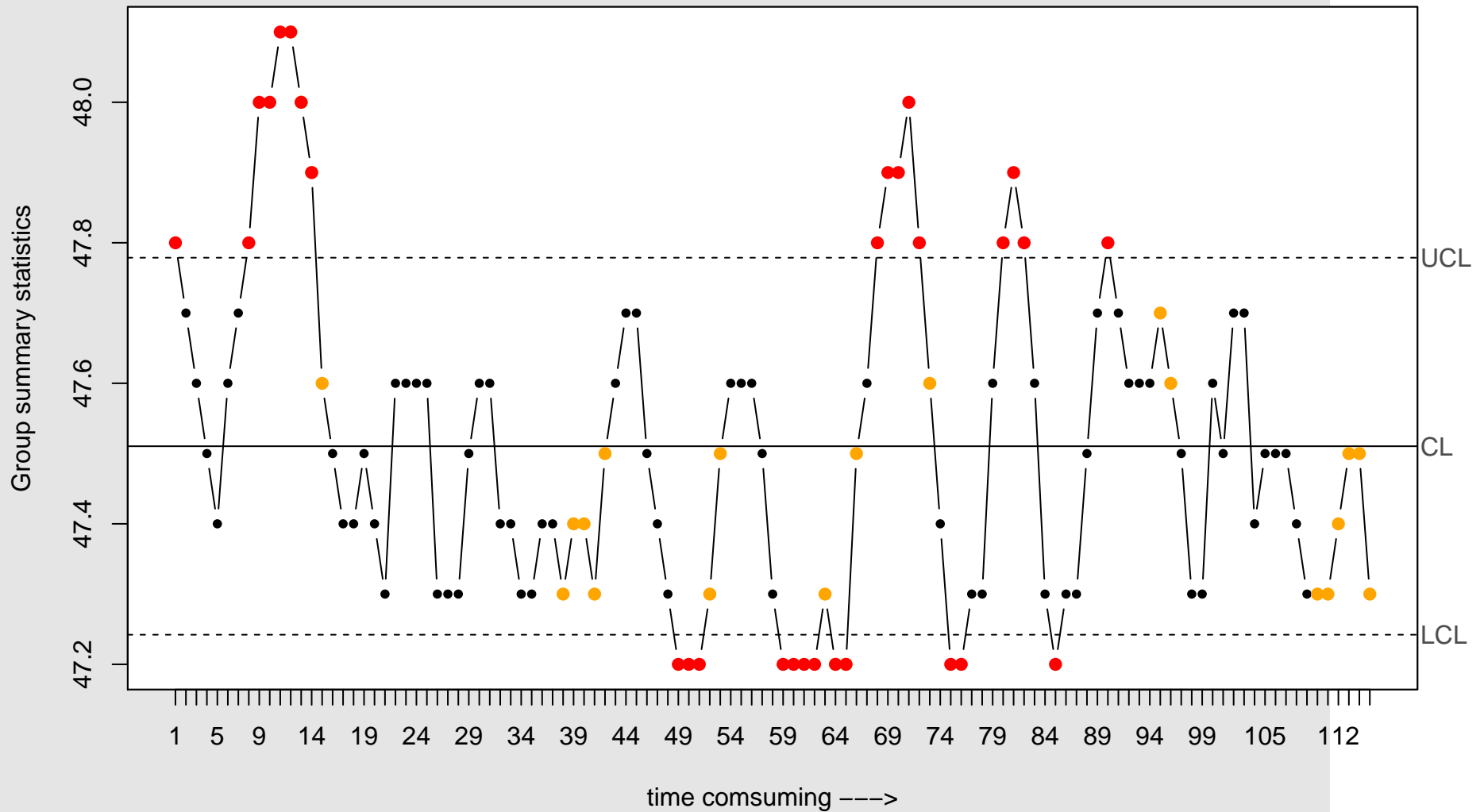


Number of groups = 115
Center = 47.49739
StdDev = 0.09798432

LCL = 47.20344
UCL = 47.79134

Number beyond limits = 30
Number violating runs = 14

62th column point of this product



Number of groups = 115

Center = 47.51043

StdDev = 0.08943014

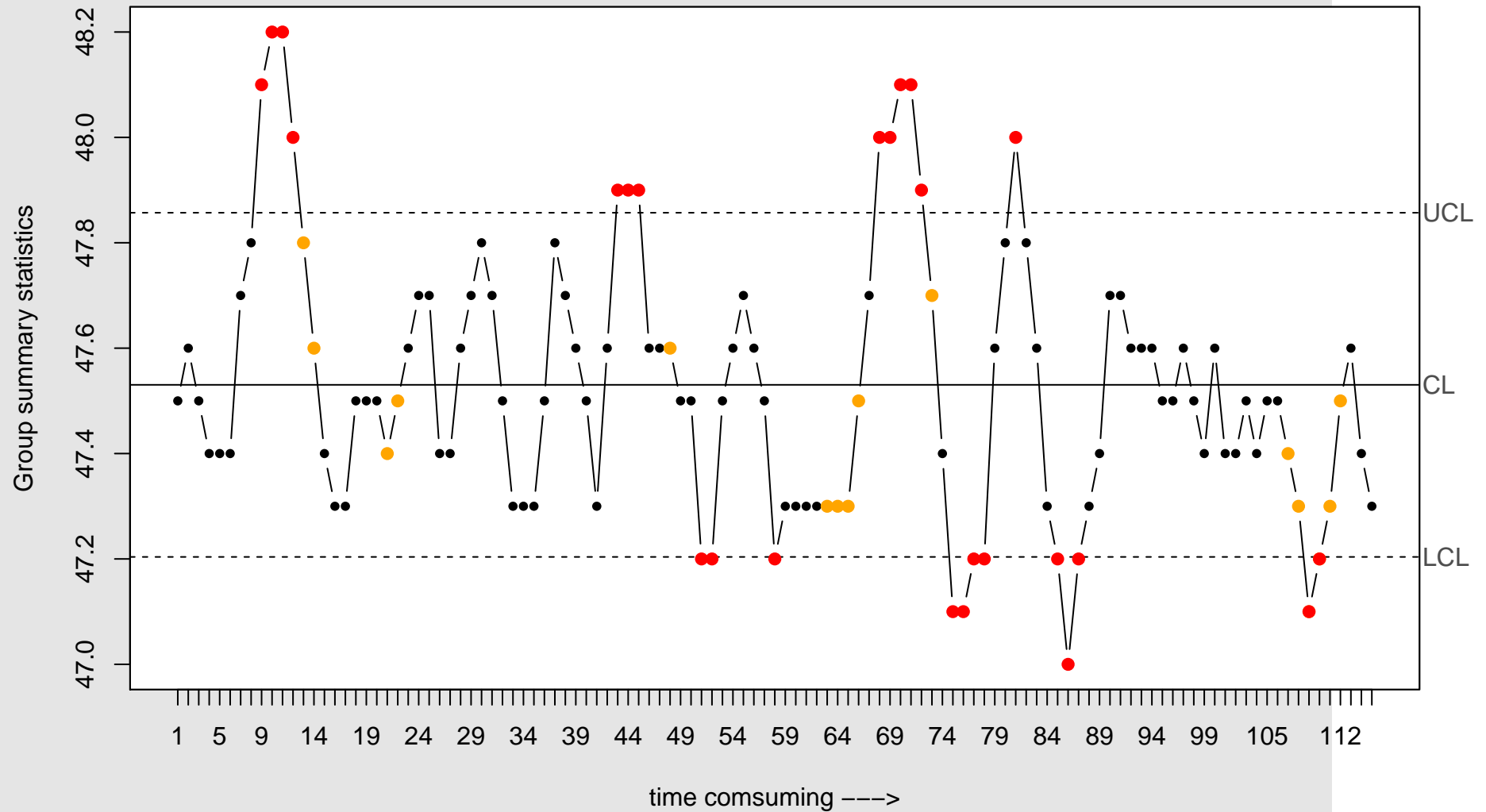
LCL = 47.24214

UCL = 47.77873

Number beyond limits = 29

Number violating runs = 24

63th column point of this product

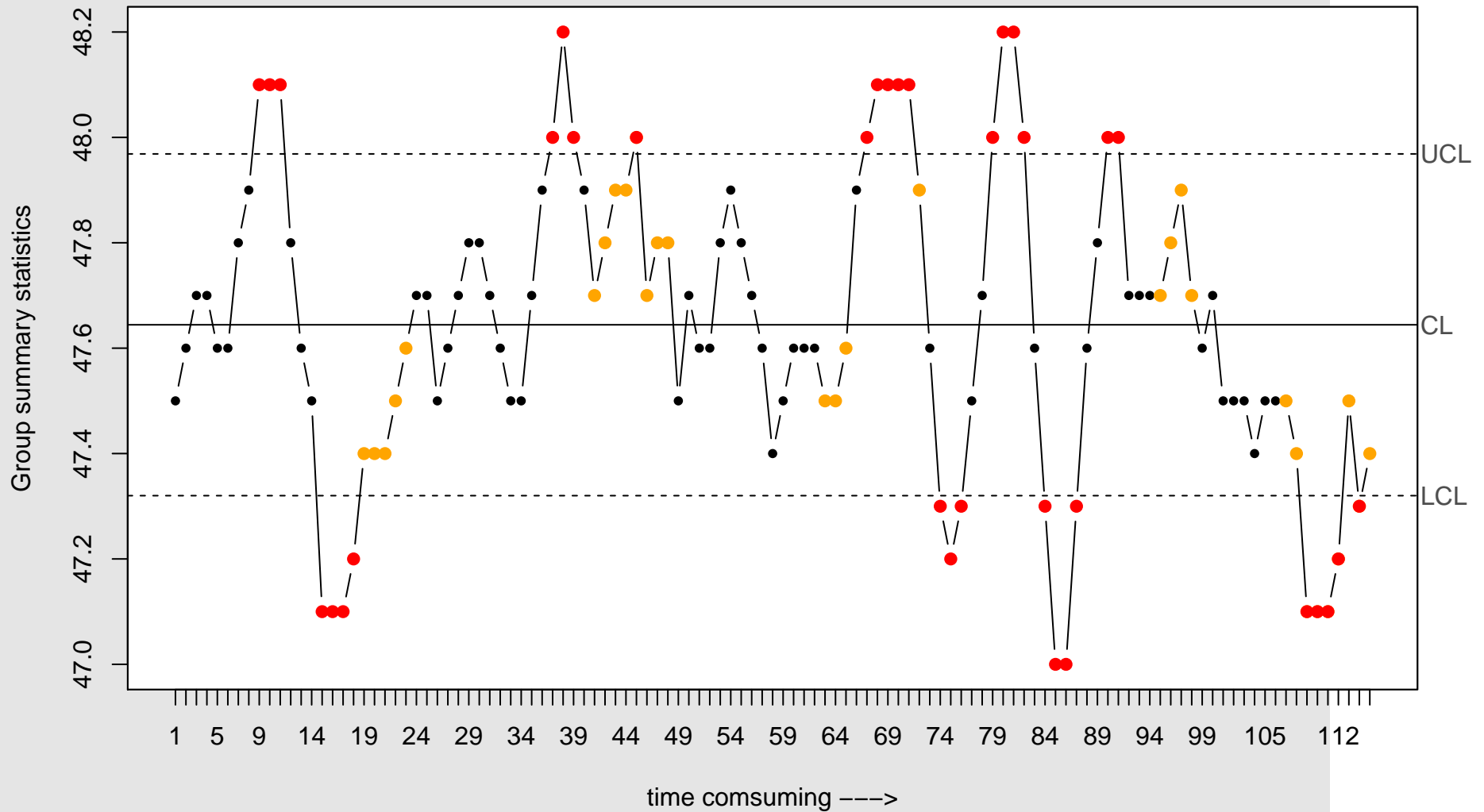


Number of groups = 115
Center = 47.53043
StdDev = 0.1088715

LCL = 47.20382
UCL = 47.85705

Number beyond limits = 25
Number violating runs = 16

64th column point of this product

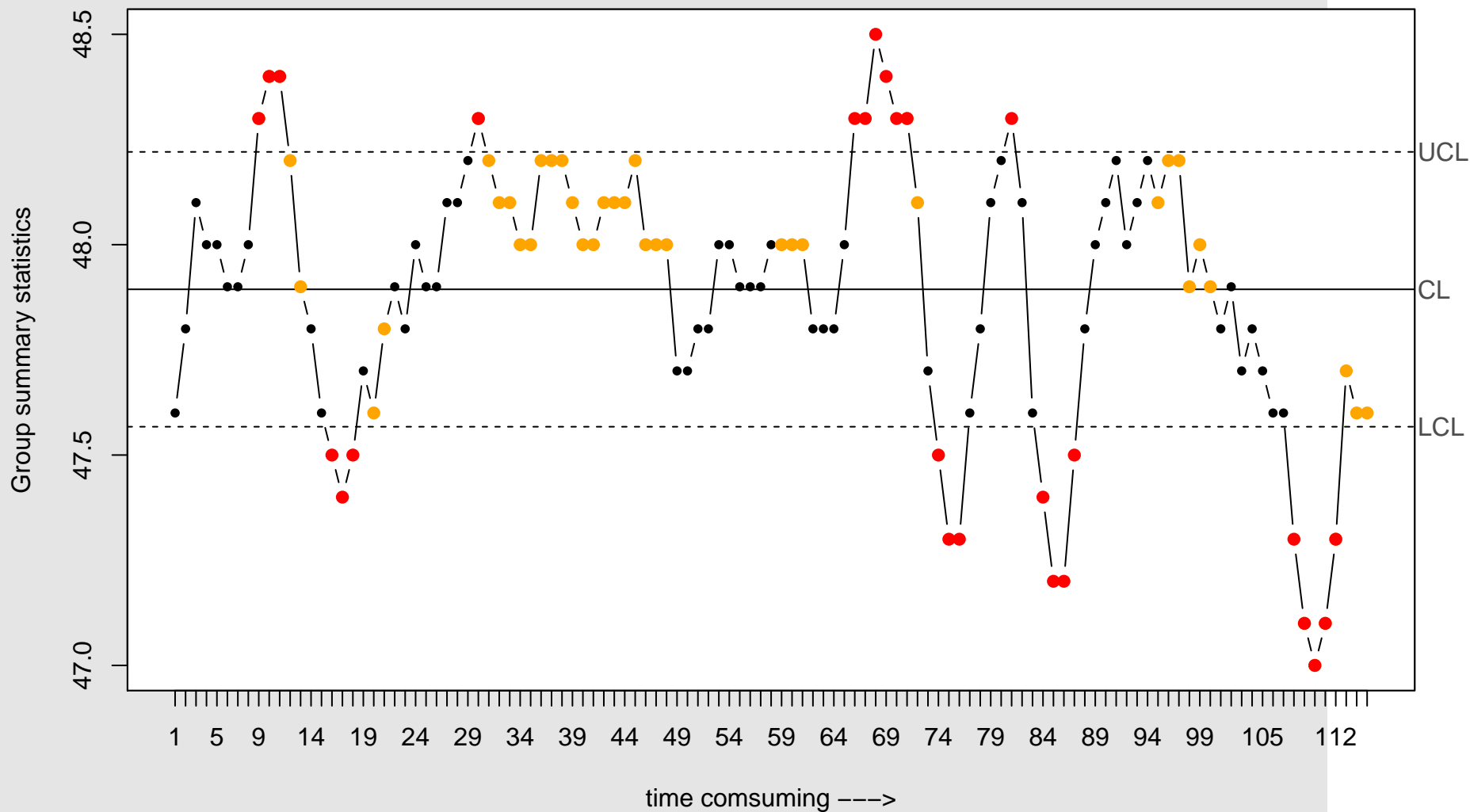


Number of groups = 115
 Center = 47.64435
 StdDev = 0.1080938

LCL = 47.32007
 UCL = 47.96863

Number beyond limits = 34
 Number violating runs = 30

65th column point of this product

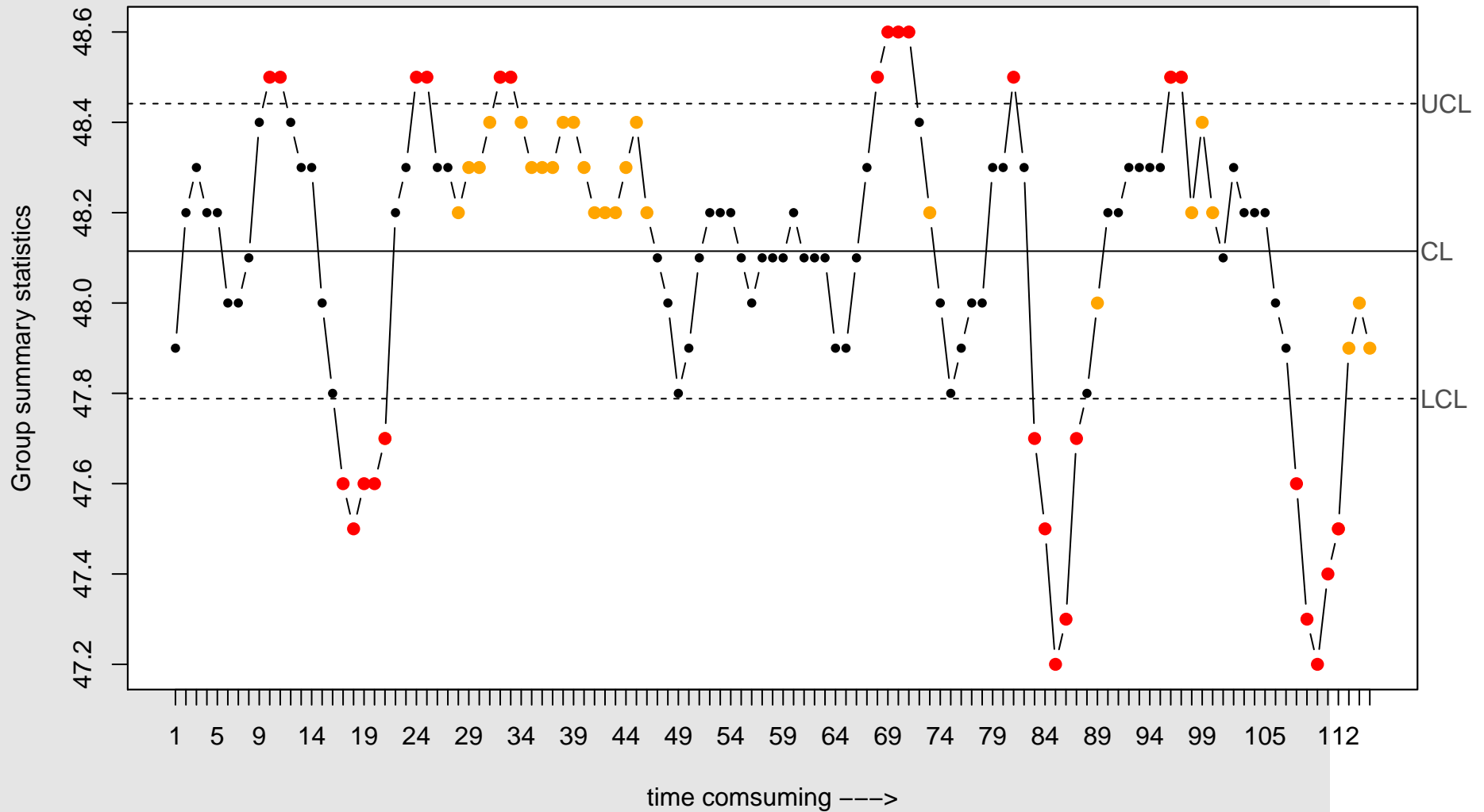


Number of groups = 115
 Center = 47.89391
 StdDev = 0.1088715

LCL = 47.5673
 UCL = 48.22053

Number beyond limits = 26
 Number violating runs = 44

66th column point of this product

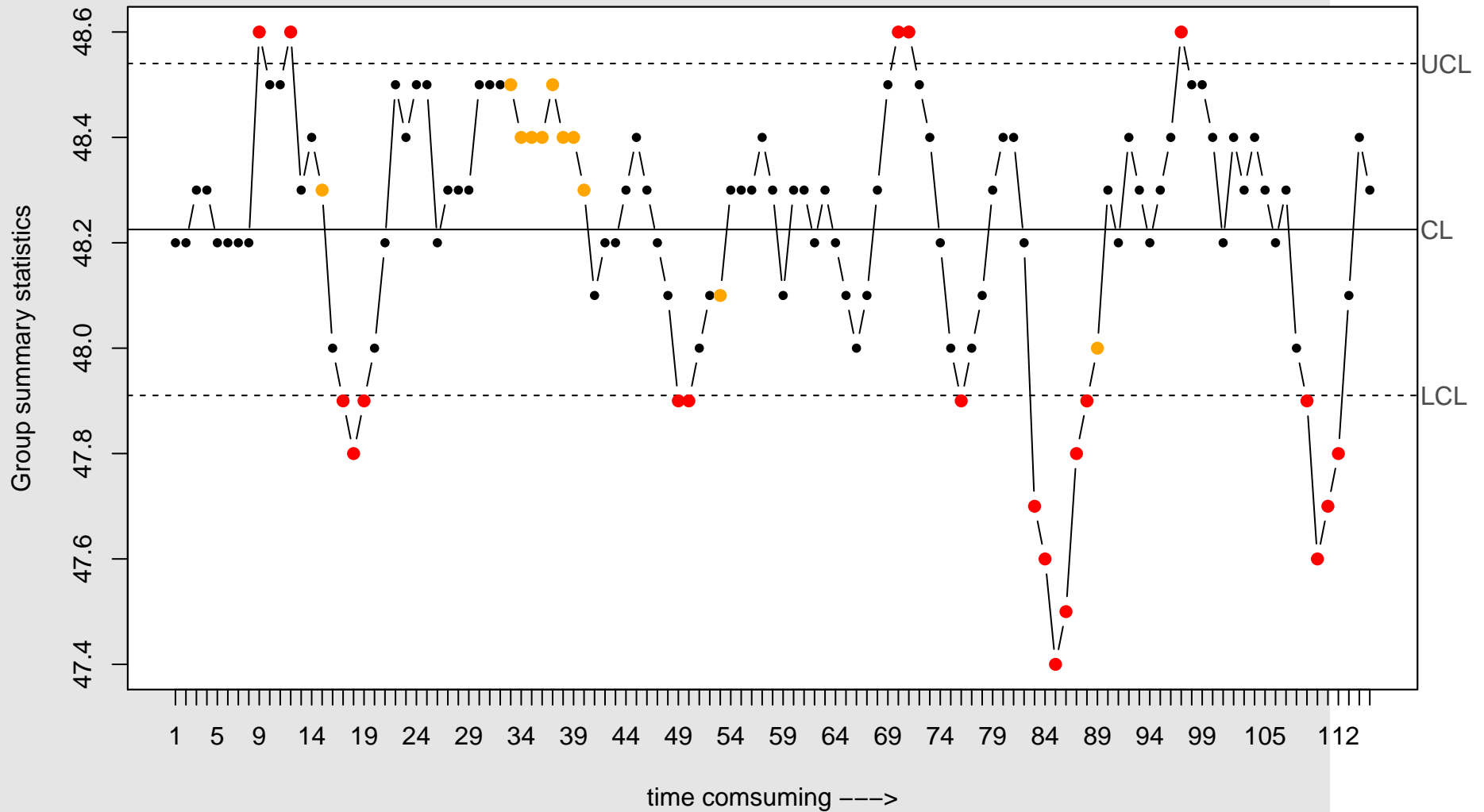


Number of groups = 115
 Center = 48.11478
 StdDev = 0.1088715

LCL = 47.78817
 UCL = 48.4414

Number beyond limits = 28
 Number violating runs = 31

67th column point of this product

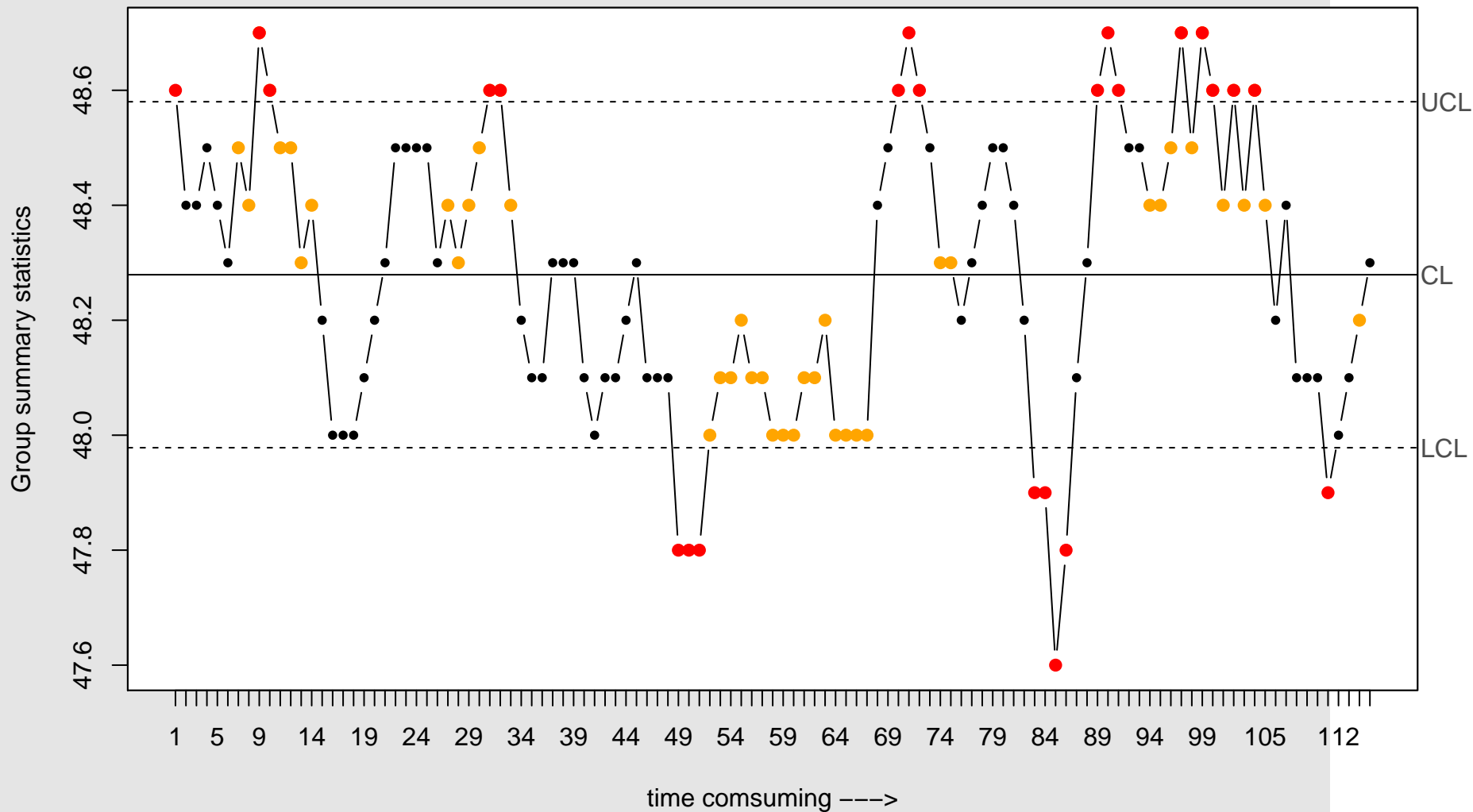


Number of groups = 115
 Center = 48.22522
 StdDev = 0.1049832

LCL = 47.91027
 UCL = 48.54017

Number beyond limits = 21
 Number violating runs = 12

68th column point of this product



Number of groups = 115

Center = 48.27913

StdDev = 0.1003173

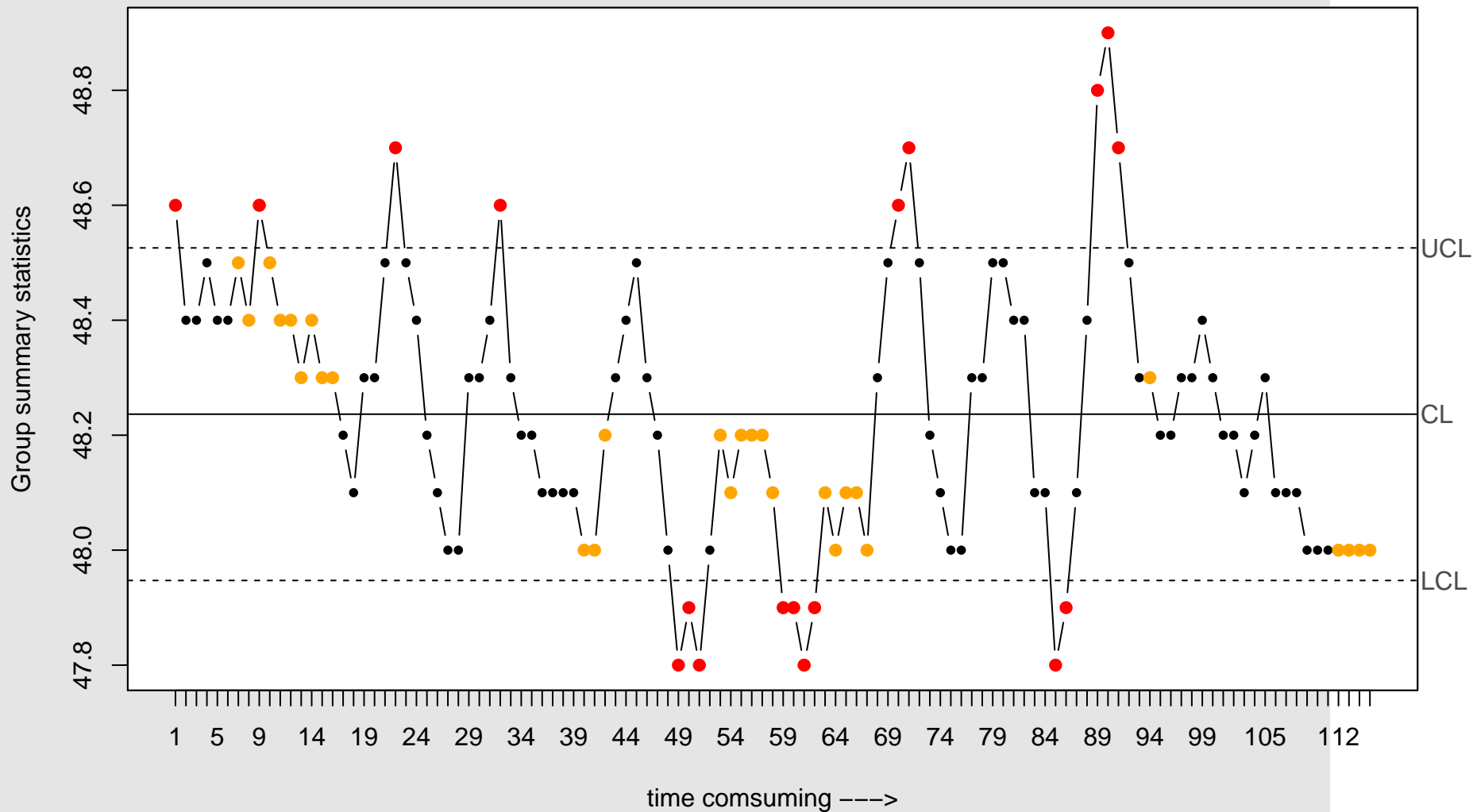
LCL = 47.97818

UCL = 48.58008

Number beyond limits = 24

Number violating runs = 46

69th column point of this product



Number of groups = 115

Center = 48.23652

StdDev = 0.09642902

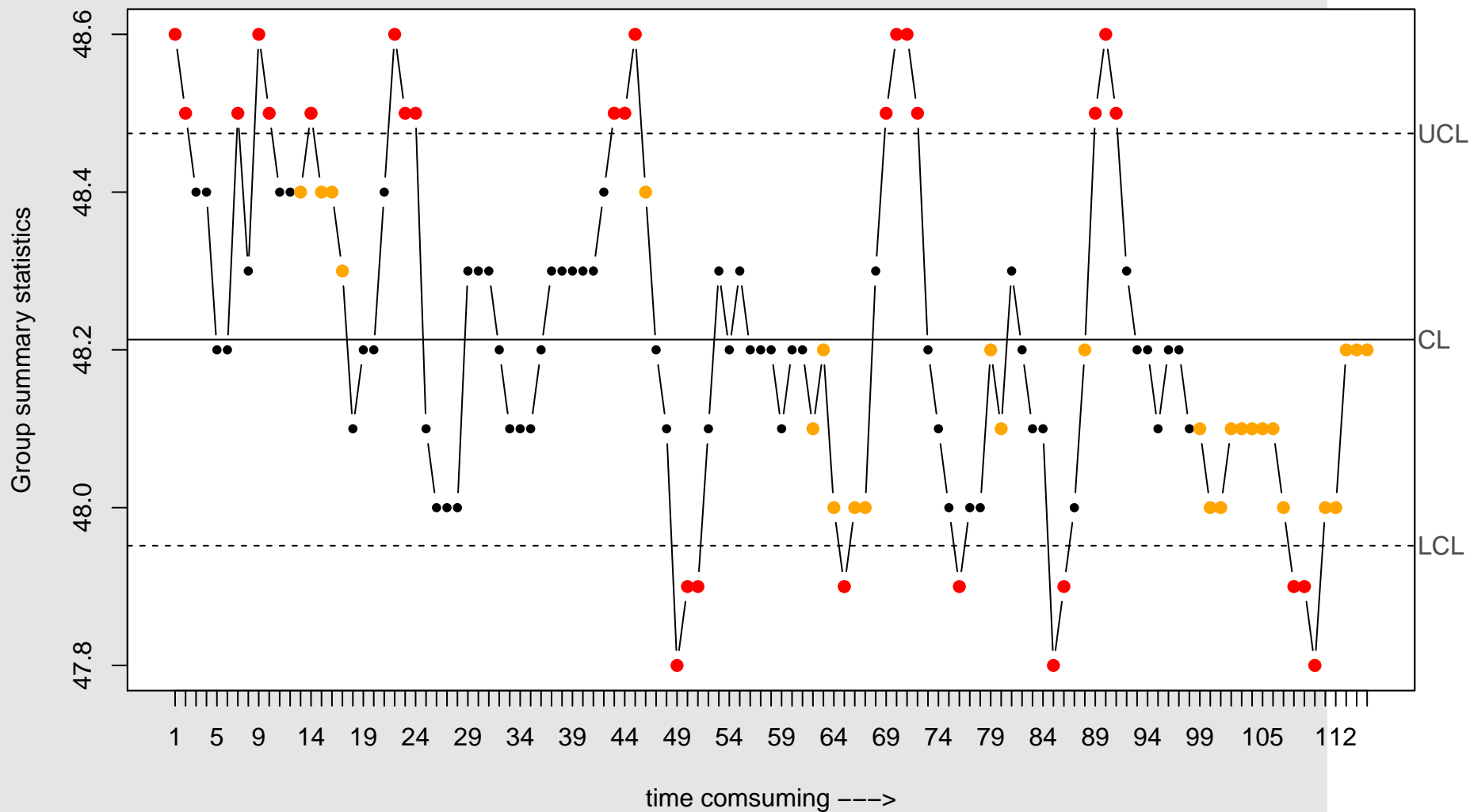
LCL = 47.94723

UCL = 48.52581

Number beyond limits = 18

Number violating runs = 33

70th column point of this product

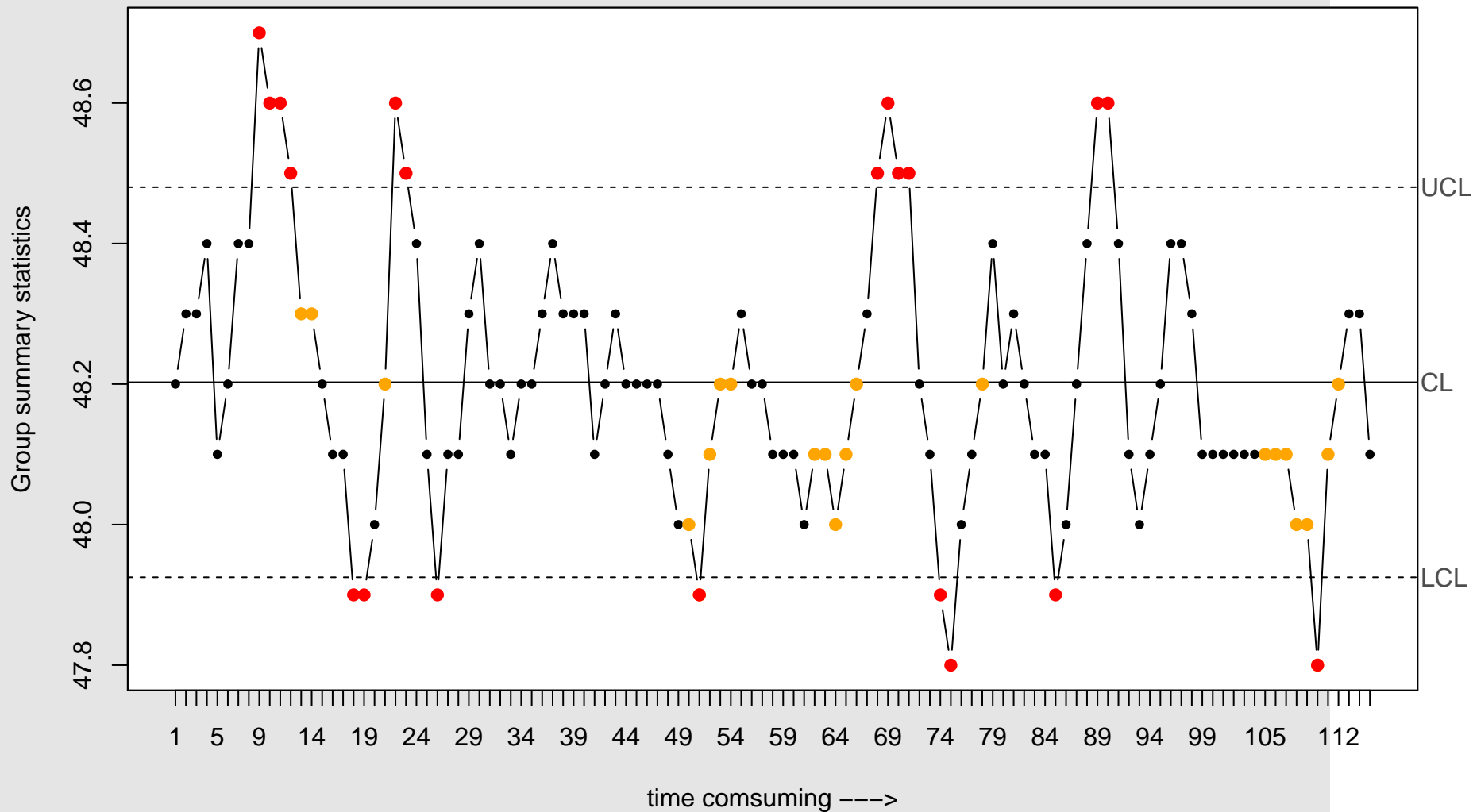


Number of groups = 115
 Center = 48.21304
 StdDev = 0.08709718

LCL = 47.95175
 UCL = 48.47434

Number beyond limits = 29
 Number violating runs = 35

71th column point of this product

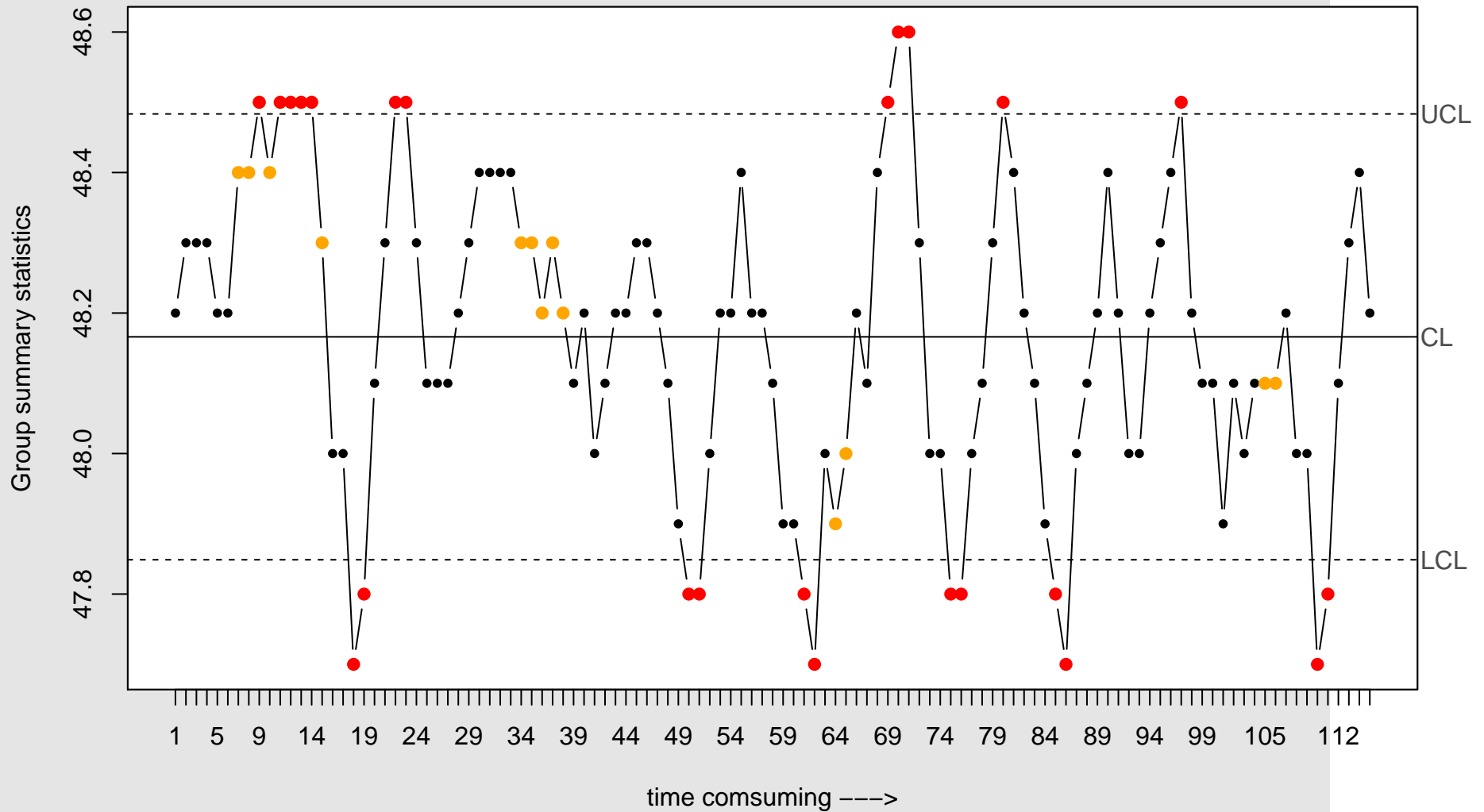


Number of groups = 115
Center = 48.20261
StdDev = 0.09254075

LCL = 47.92499
UCL = 48.48023

Number beyond limits = 20
Number violating runs = 22

72th column point of this product

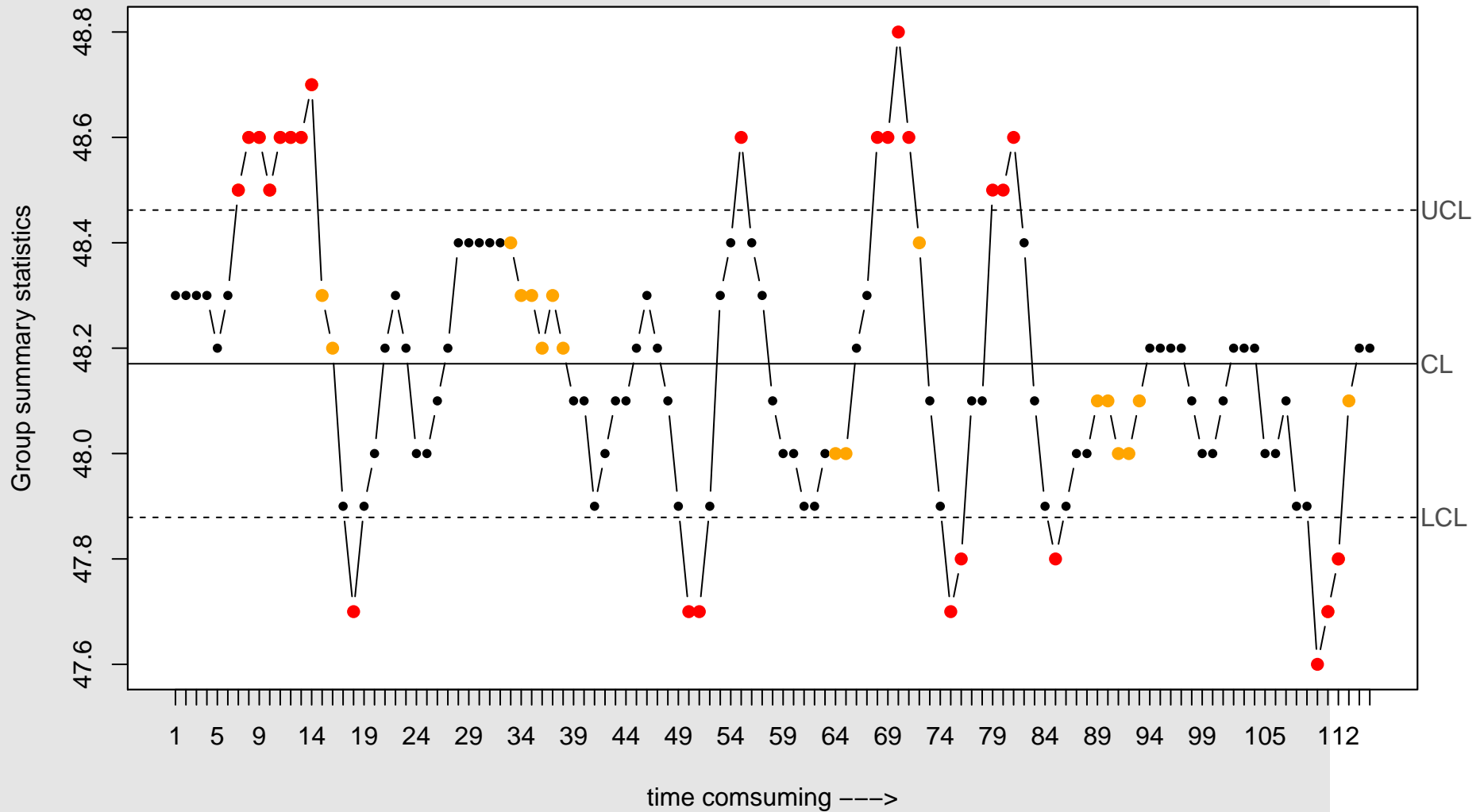


Number of groups = 115
 Center = 48.16609
 StdDev = 0.1057609

LCL = 47.8488
 UCL = 48.48337

Number beyond limits = 24
 Number violating runs = 18

73th column point of this product

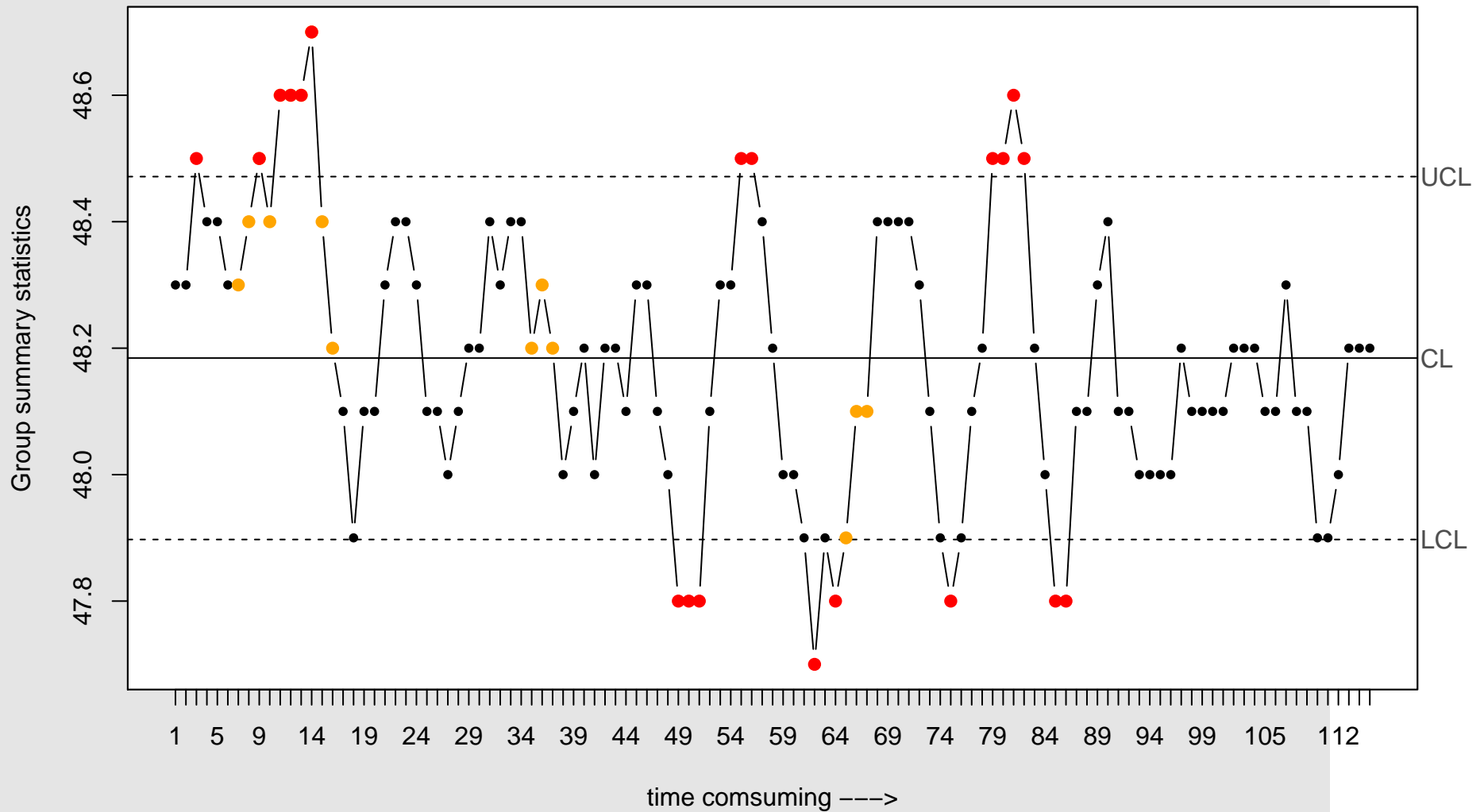


Number of groups = 115
 Center = 48.17043
 StdDev = 0.09720667

LCL = 47.87881
 UCL = 48.46205

Number beyond limits = 25
 Number violating runs = 27

74th column point of this product



Number of groups = 115

Center = 48.18435

StdDev = 0.09565136

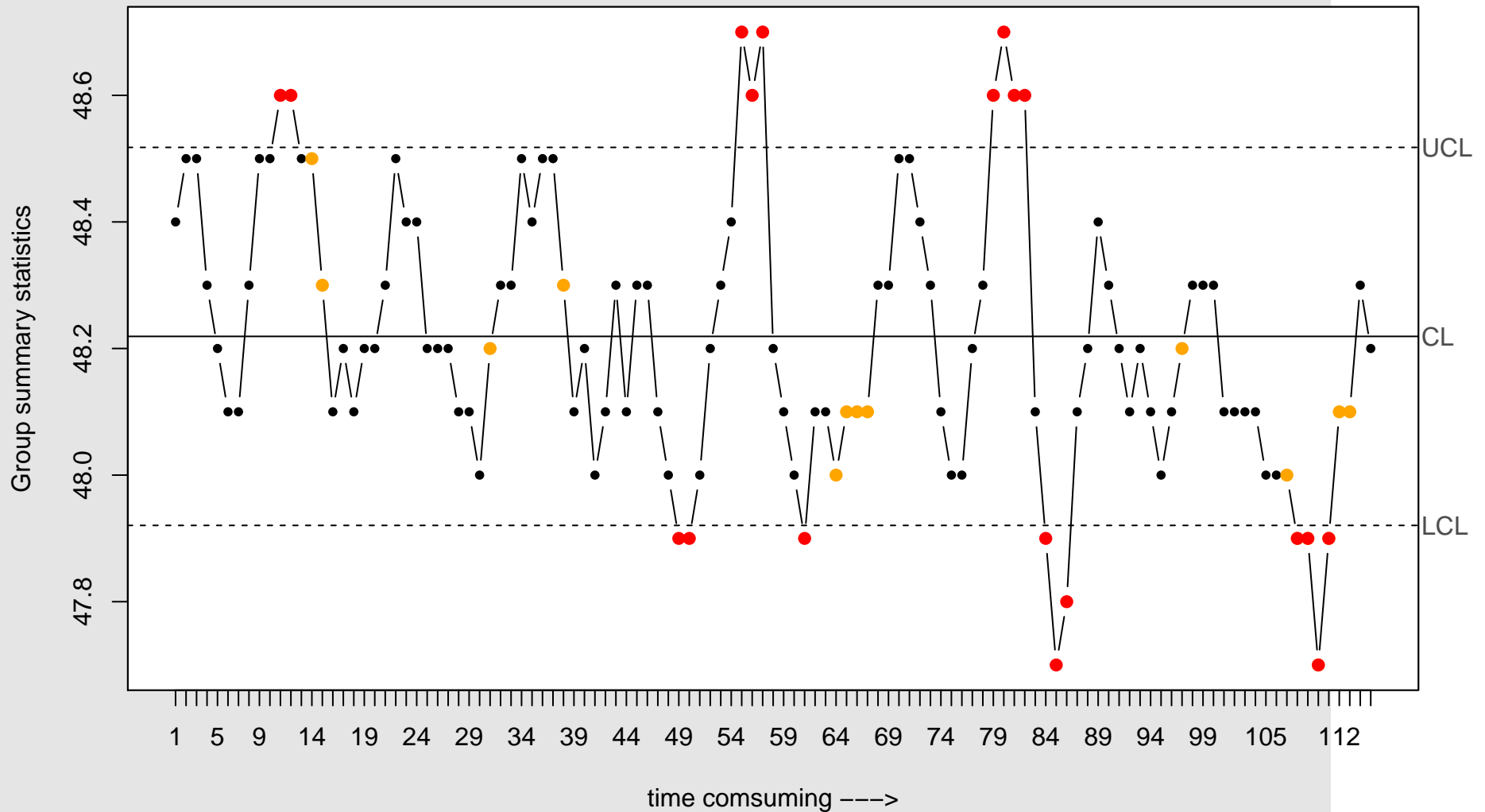
LCL = 47.89739

UCL = 48.4713

Number beyond limits = 20

Number violating runs = 16

75th column point of this product

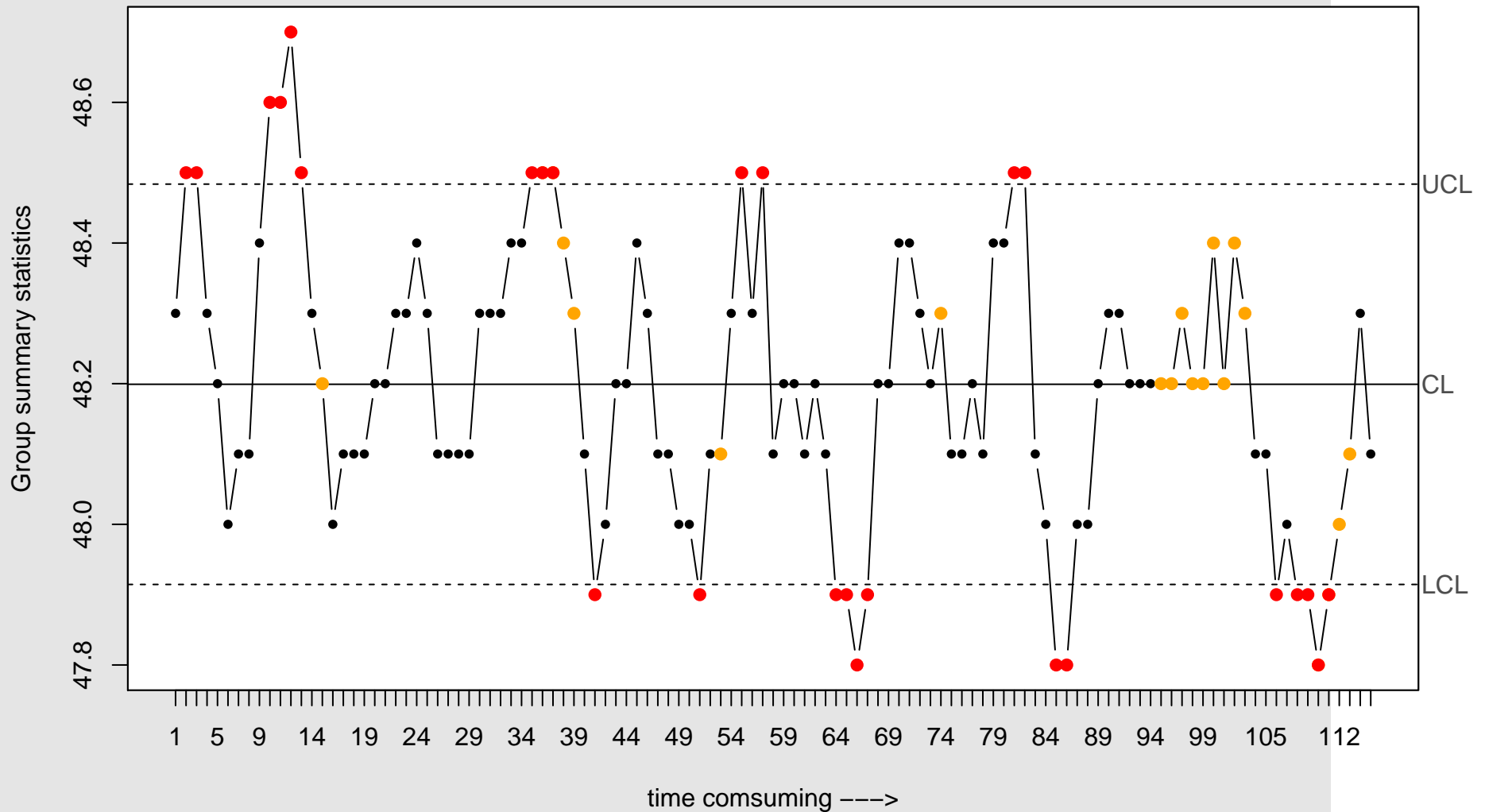


Number of groups = 115
Center = 48.21913
StdDev = 0.09953963

LCL = 47.92051
UCL = 48.51775

Number beyond limits = 19
Number violating runs = 16

76th column point of this product

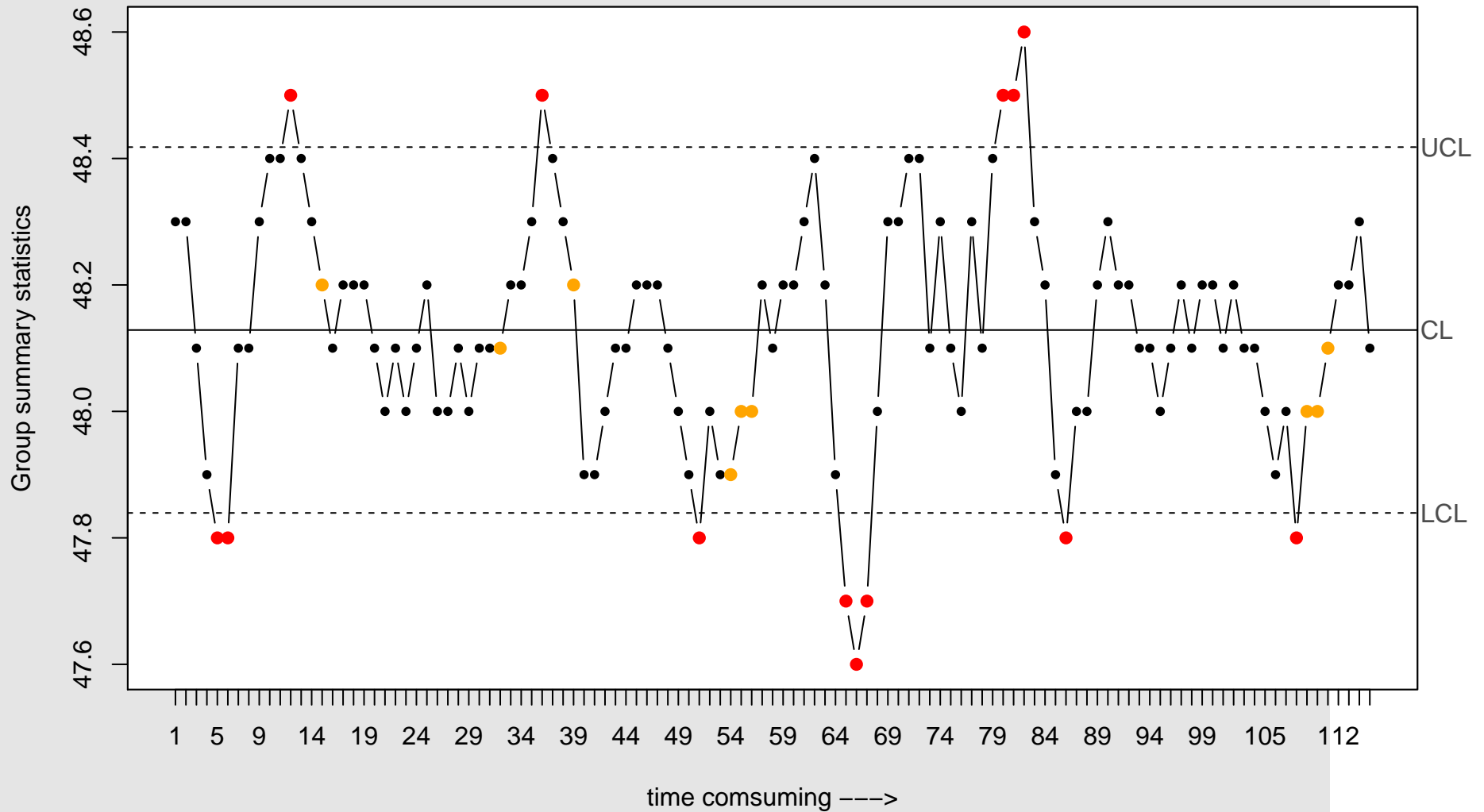


Number of groups = 115
Center = 48.19913
StdDev = 0.09487371

LCL = 47.91451
UCL = 48.48375

Number beyond limits = 26
Number violating runs = 20

77th column point of this product

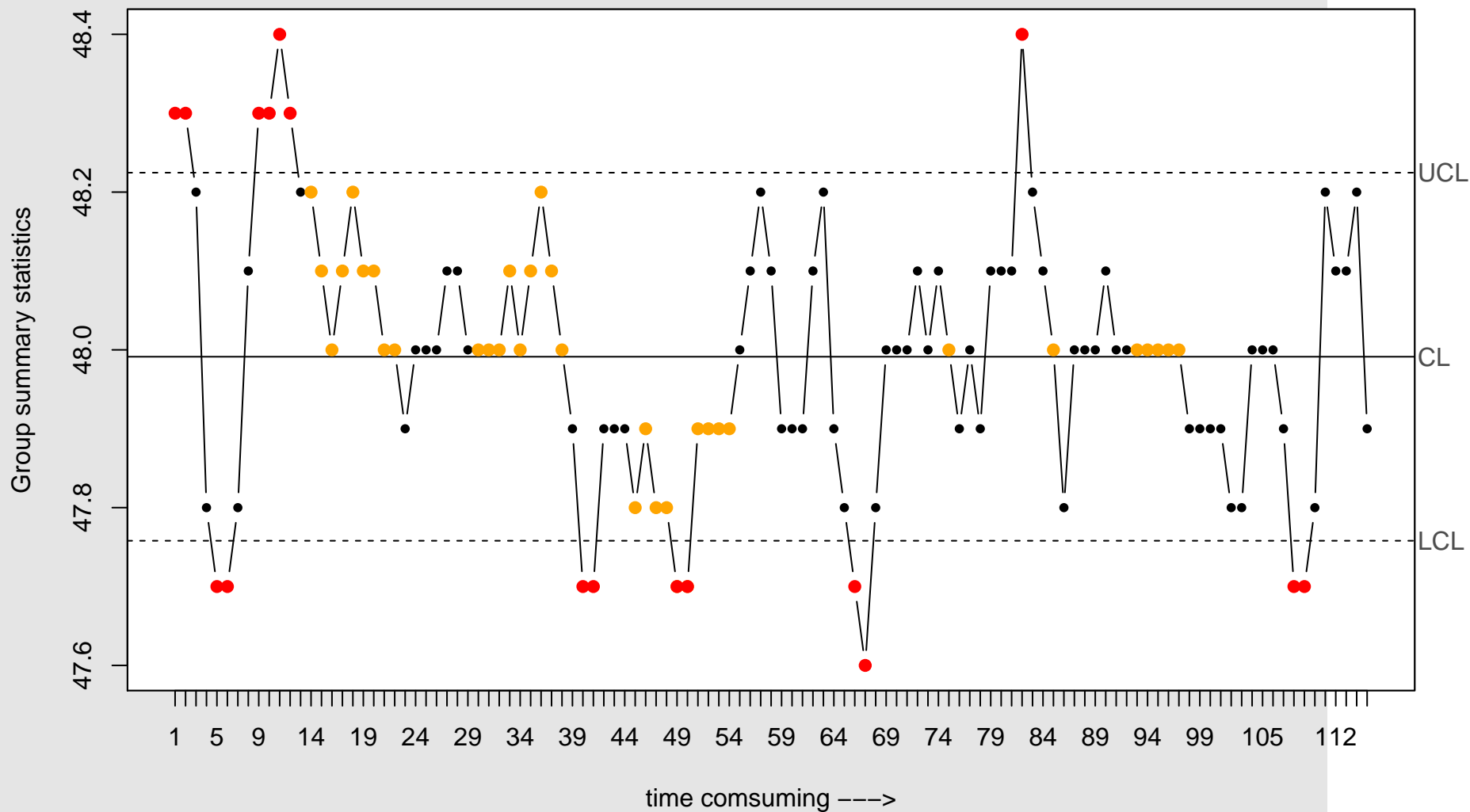


Number of groups = 115
 Center = 48.1287
 StdDev = 0.09642902

LCL = 47.83941
 UCL = 48.41798

Number beyond limits = 13
 Number violating runs = 9

78th column point of this product

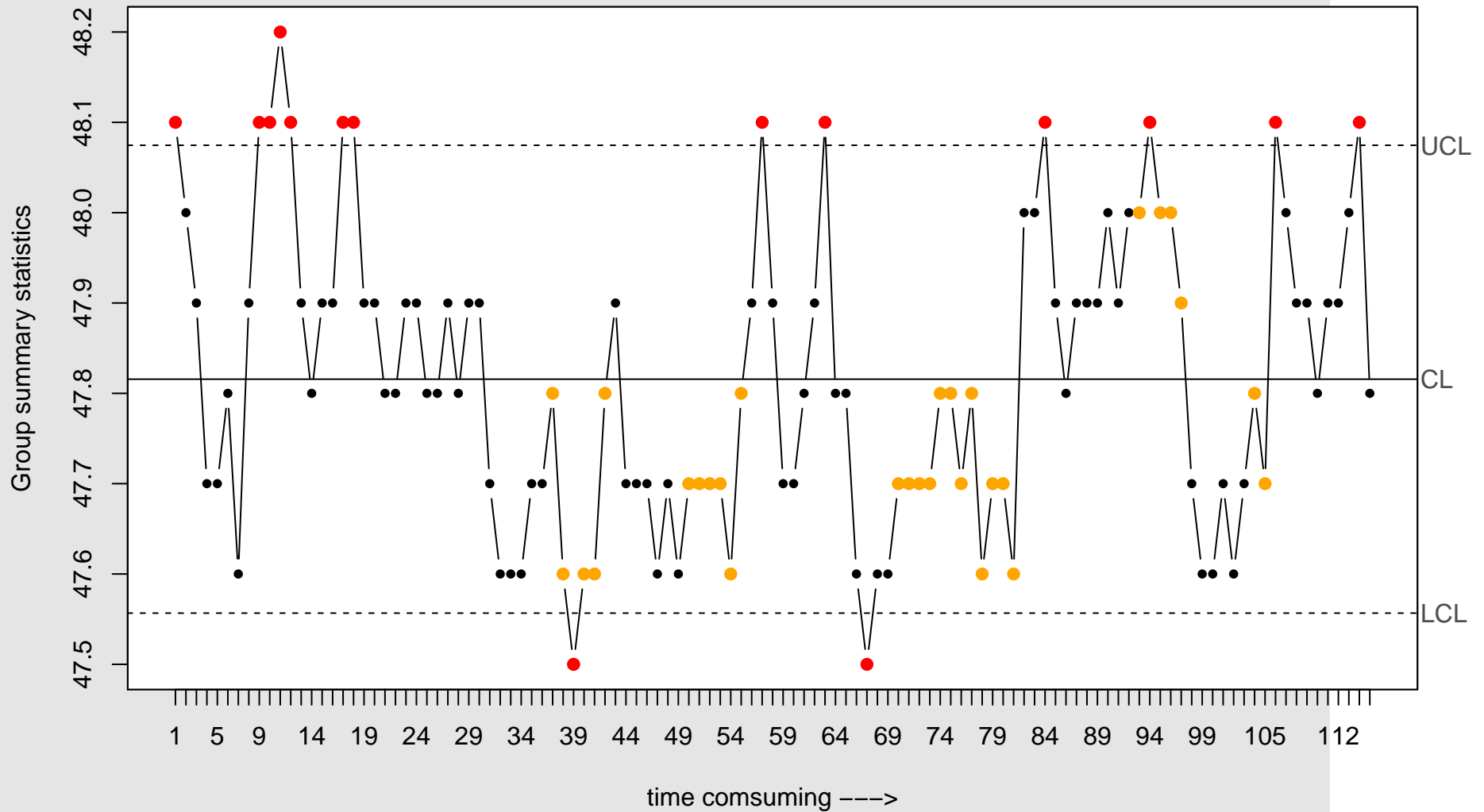


Number of groups = 115
Center = 47.9913
StdDev = 0.07776534

LCL = 47.75801
UCL = 48.2246

Number beyond limits = 17
Number violating runs = 35

79th column point of this product

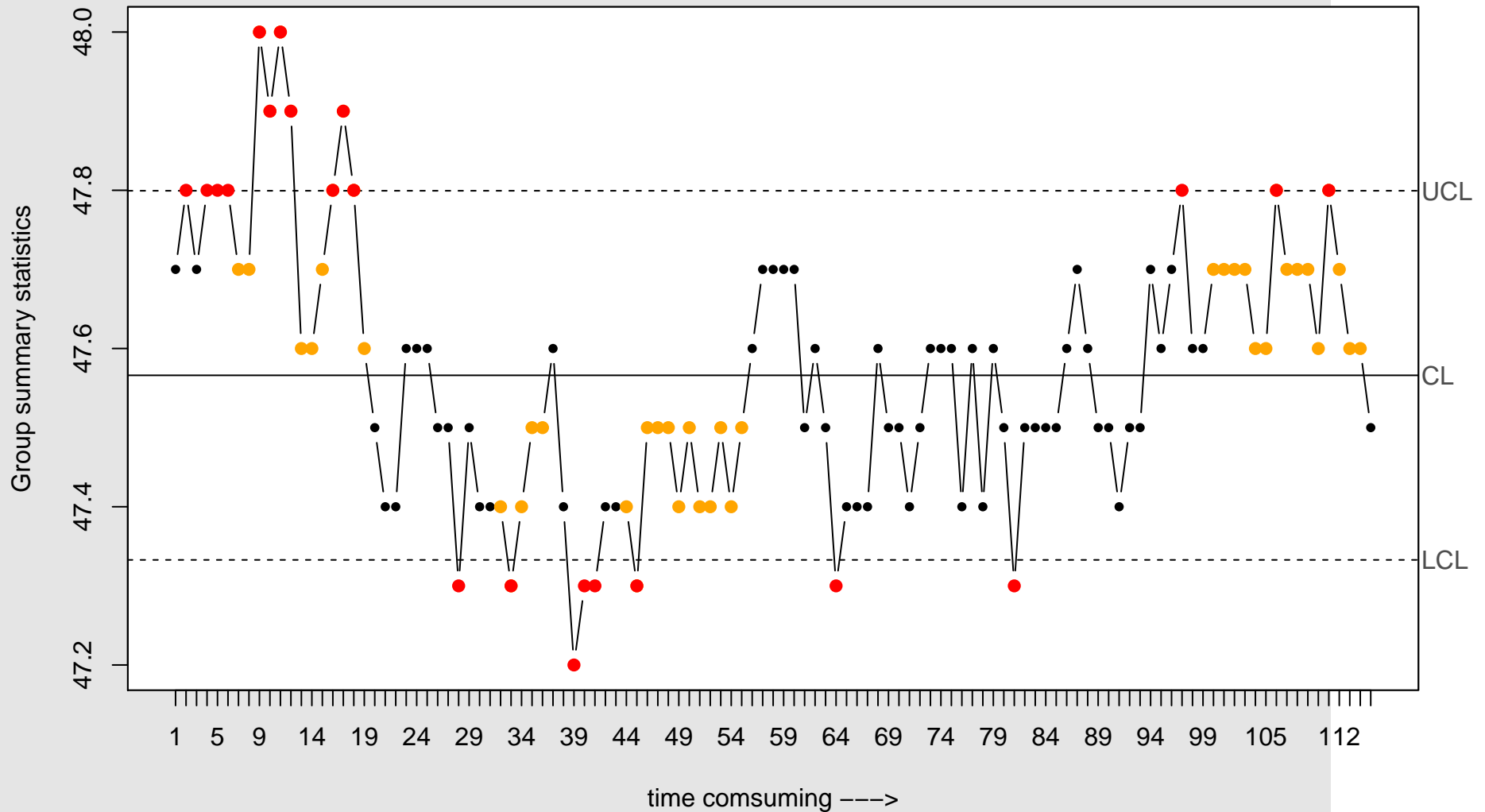


Number of groups = 115
 Center = 47.81565
 StdDev = 0.08631952

LCL = 47.55669
 UCL = 48.07461

Number beyond limits = 15
 Number violating runs = 31

80th column point of this product

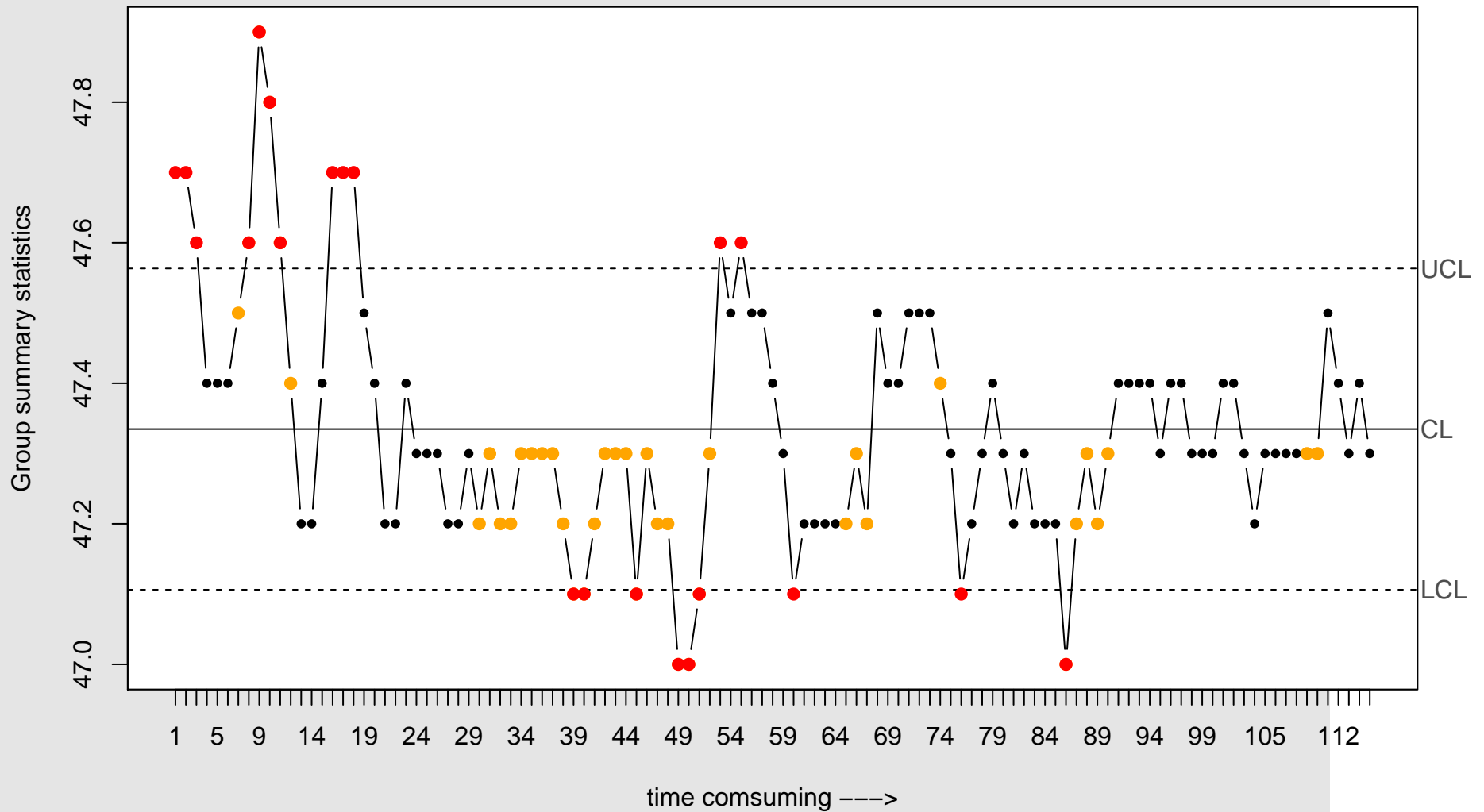


Number of groups = 115
Center = 47.56609
StdDev = 0.07776534

LCL = 47.33279
UCL = 47.79938

Number beyond limits = 22
Number violating runs = 45

81th column point of this product



Number of groups = 115

Center = 47.33478

StdDev = 0.07621003

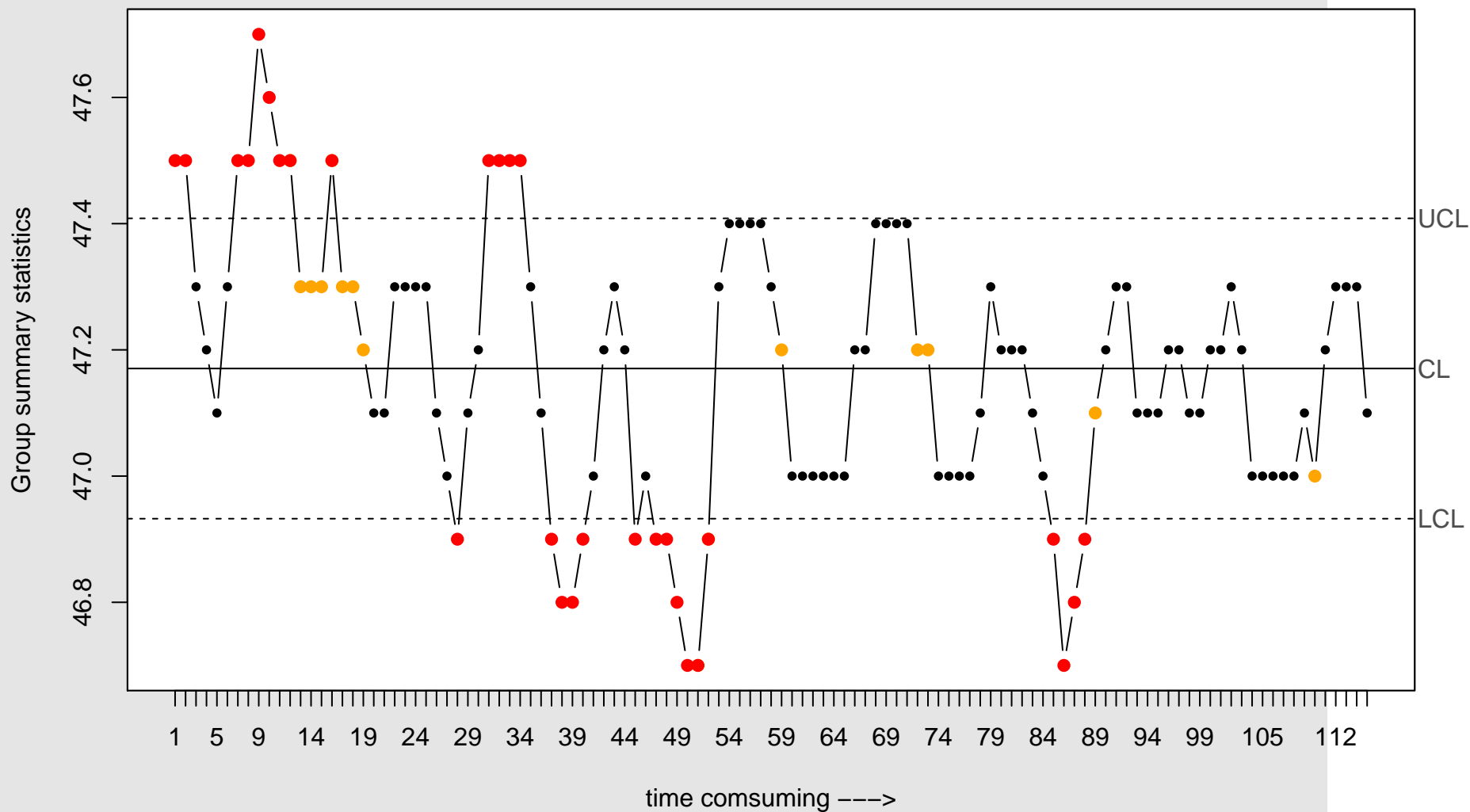
LCL = 47.10615

UCL = 47.56341

Number beyond limits = 21

Number violating runs = 40

82th column point of this product



Number of groups = 115

Center = 47.17043

StdDev = 0.07932064

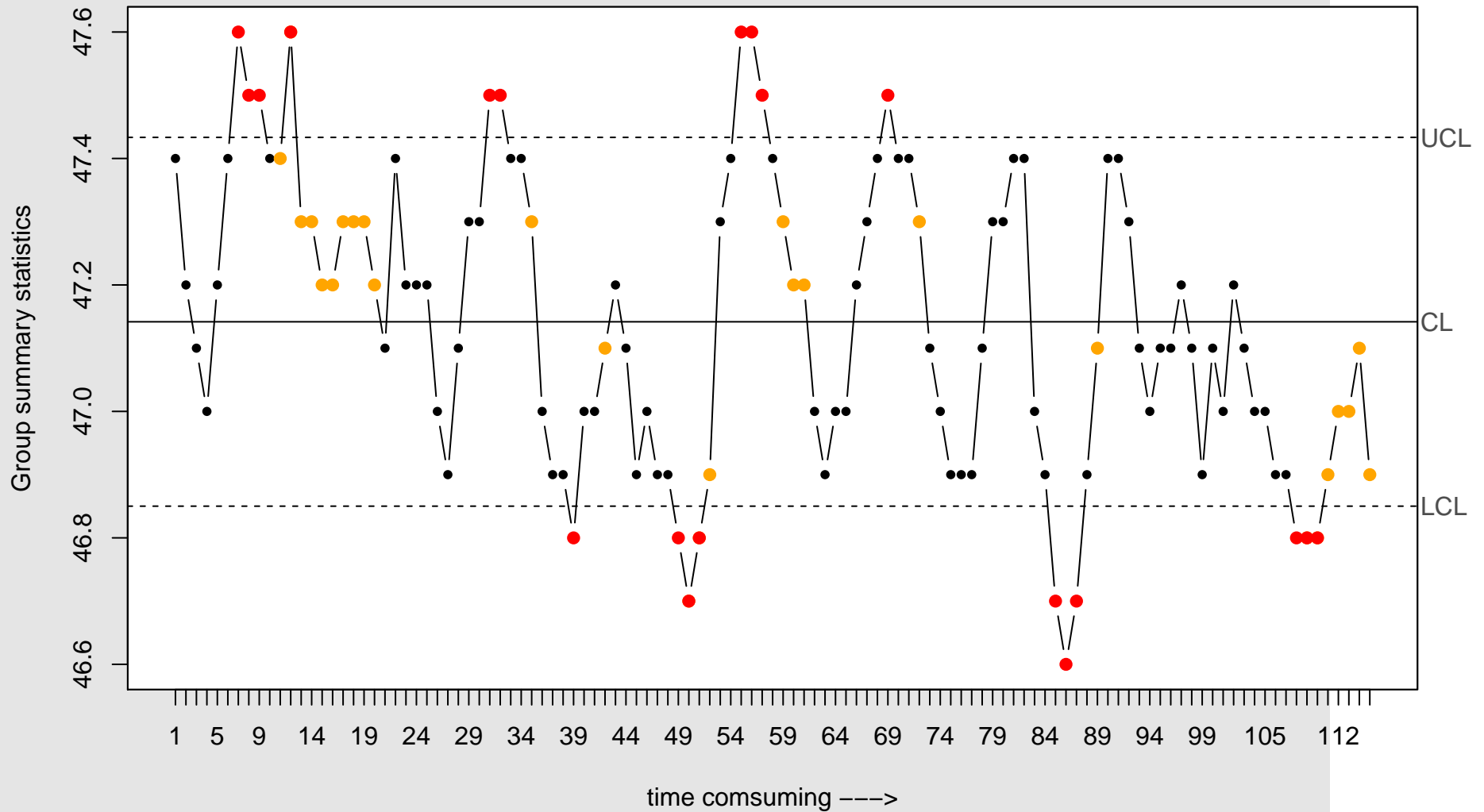
LCL = 46.93247

UCL = 47.4084

Number beyond limits = 29

Number violating runs = 15

83th column point of this product

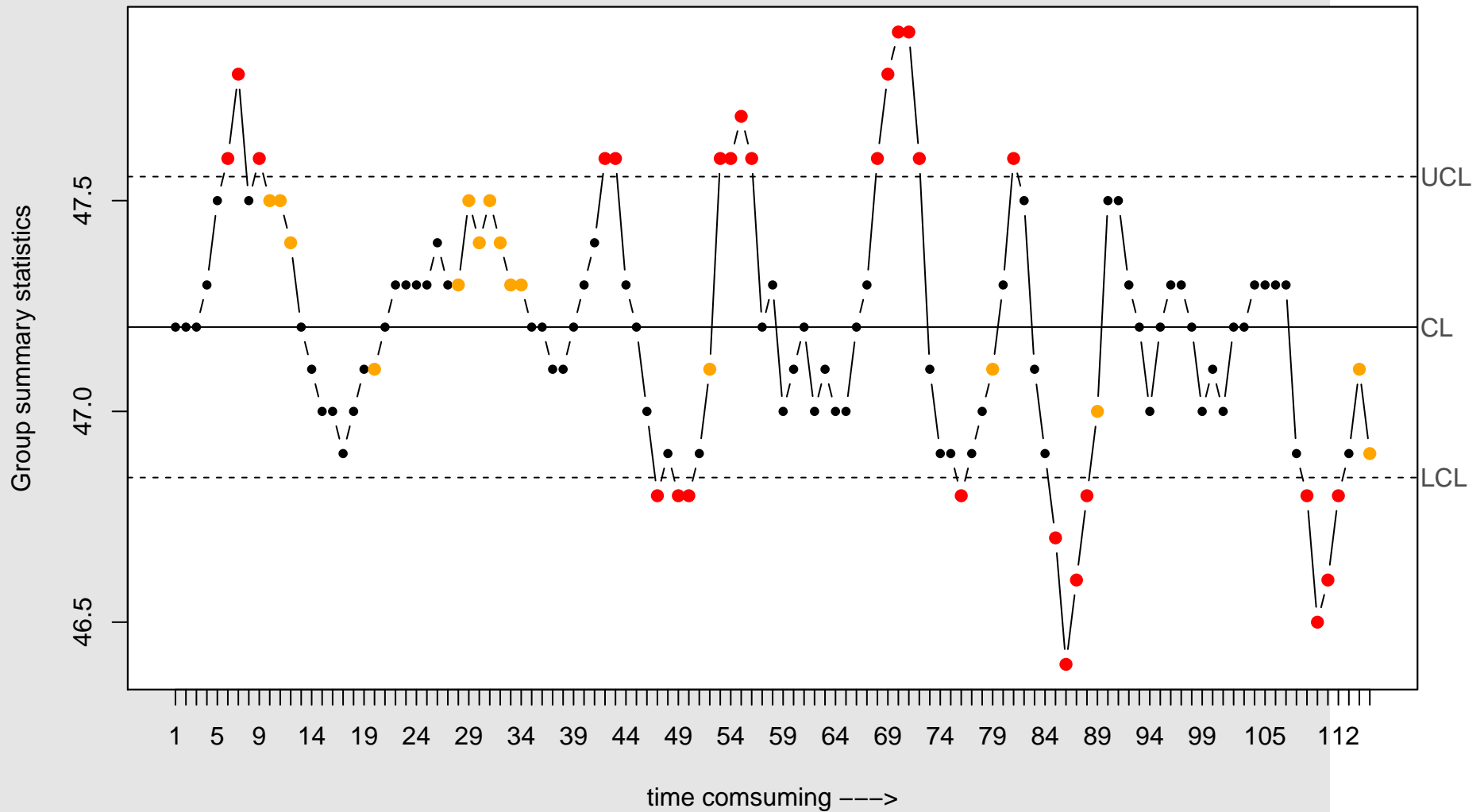


Number of groups = 115
 Center = 47.14174
 StdDev = 0.09720667

LCL = 46.85012
 UCL = 47.43336

Number beyond limits = 20
 Number violating runs = 27

84th column point of this product



Number of groups = 115

Center = 47.2

StdDev = 0.118981

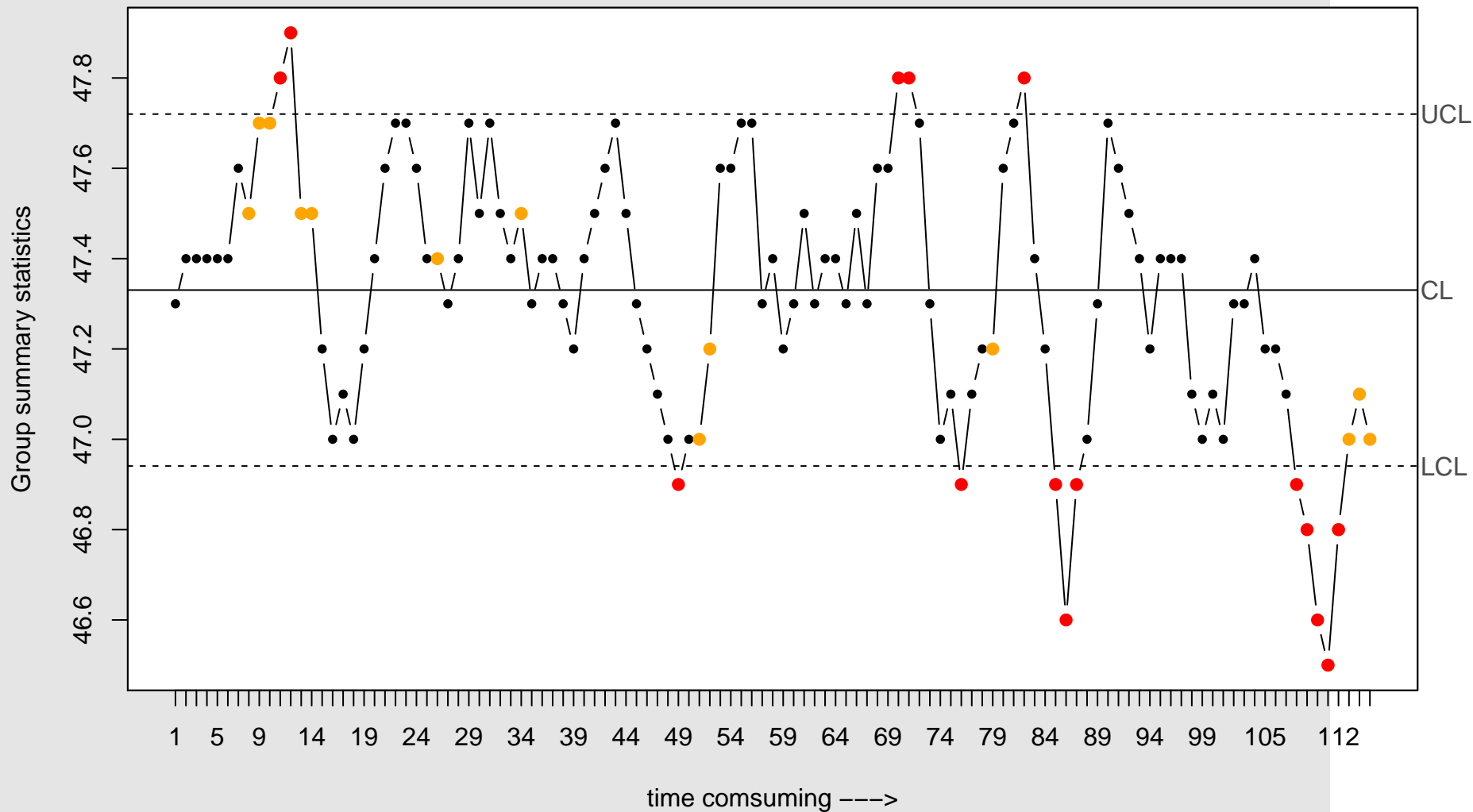
LCL = 46.84306

UCL = 47.55694

Number beyond limits = 27

Number violating runs = 16

85th column point of this product



Number of groups = 115

Center = 47.33043

StdDev = 0.1298681

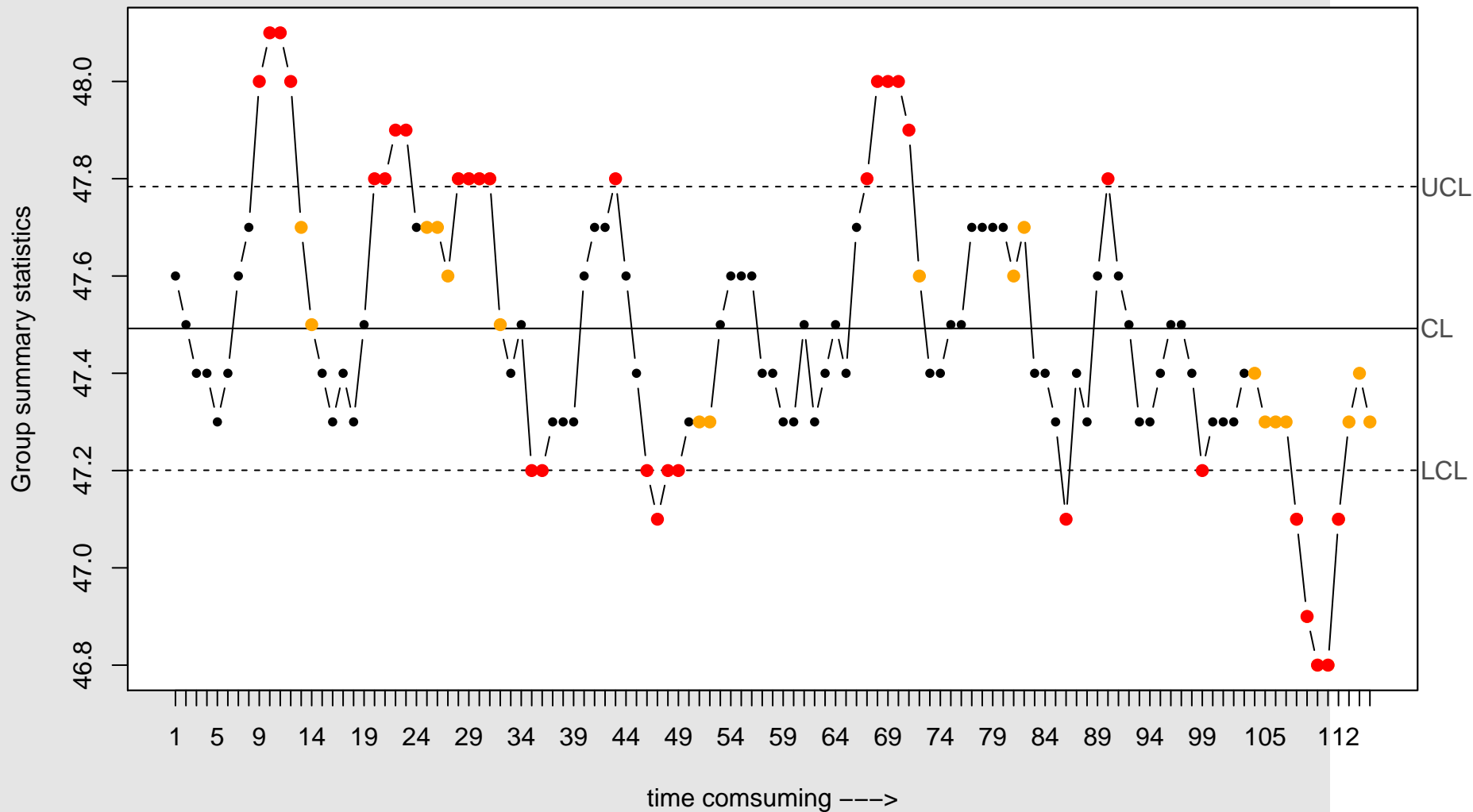
LCL = 46.94083

UCL = 47.72004

Number beyond limits = 15

Number violating runs = 17

86th column point of this product

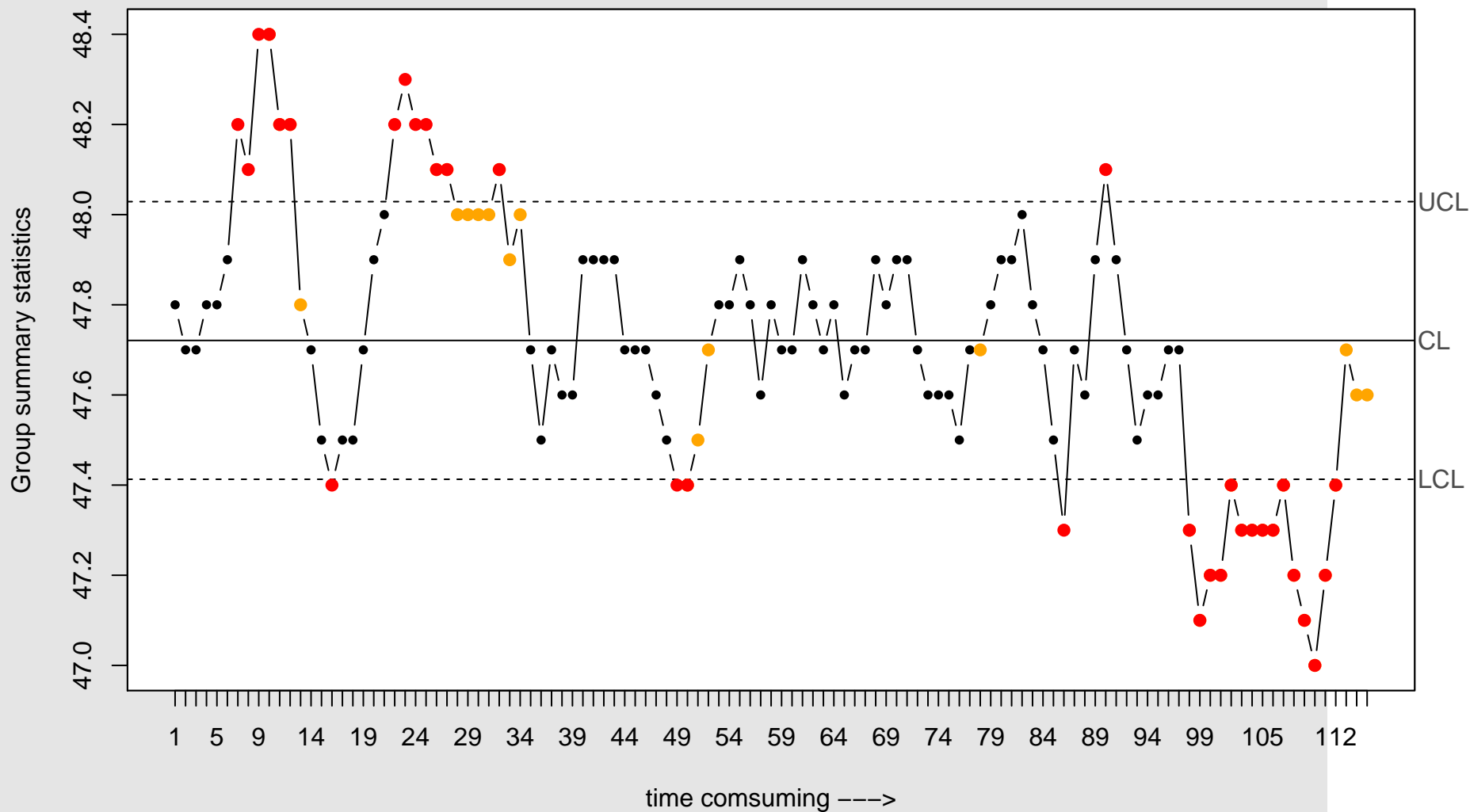


Number of groups = 115
Center = 47.49217
StdDev = 0.09720667

LCL = 47.20055
UCL = 47.78379

Number beyond limits = 32
Number violating runs = 27

87th column point of this product



Number of groups = 115

Center = 47.72087

StdDev = 0.1026502

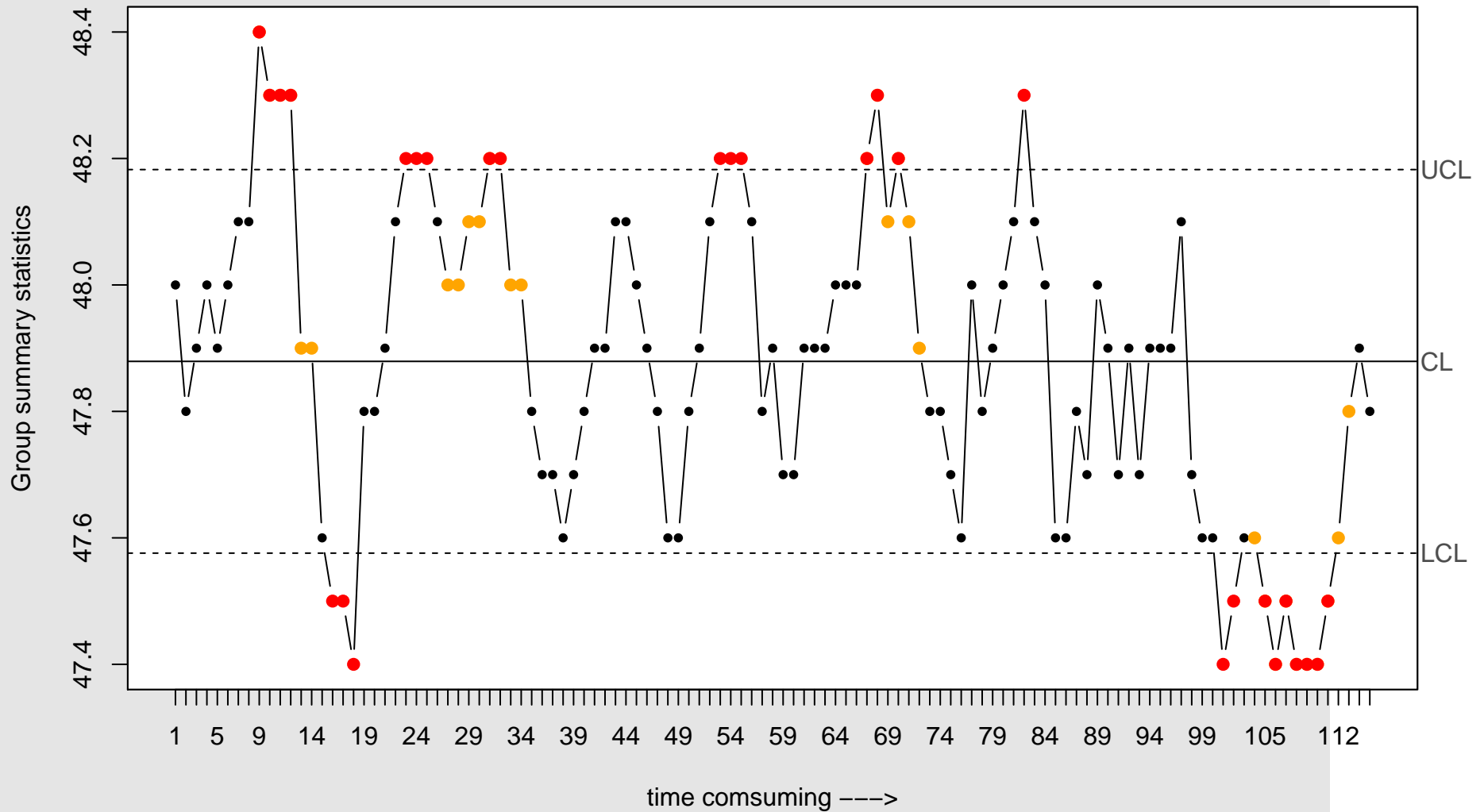
LCL = 47.41292

UCL = 48.02882

Number beyond limits = 33

Number violating runs = 35

88th column point of this product

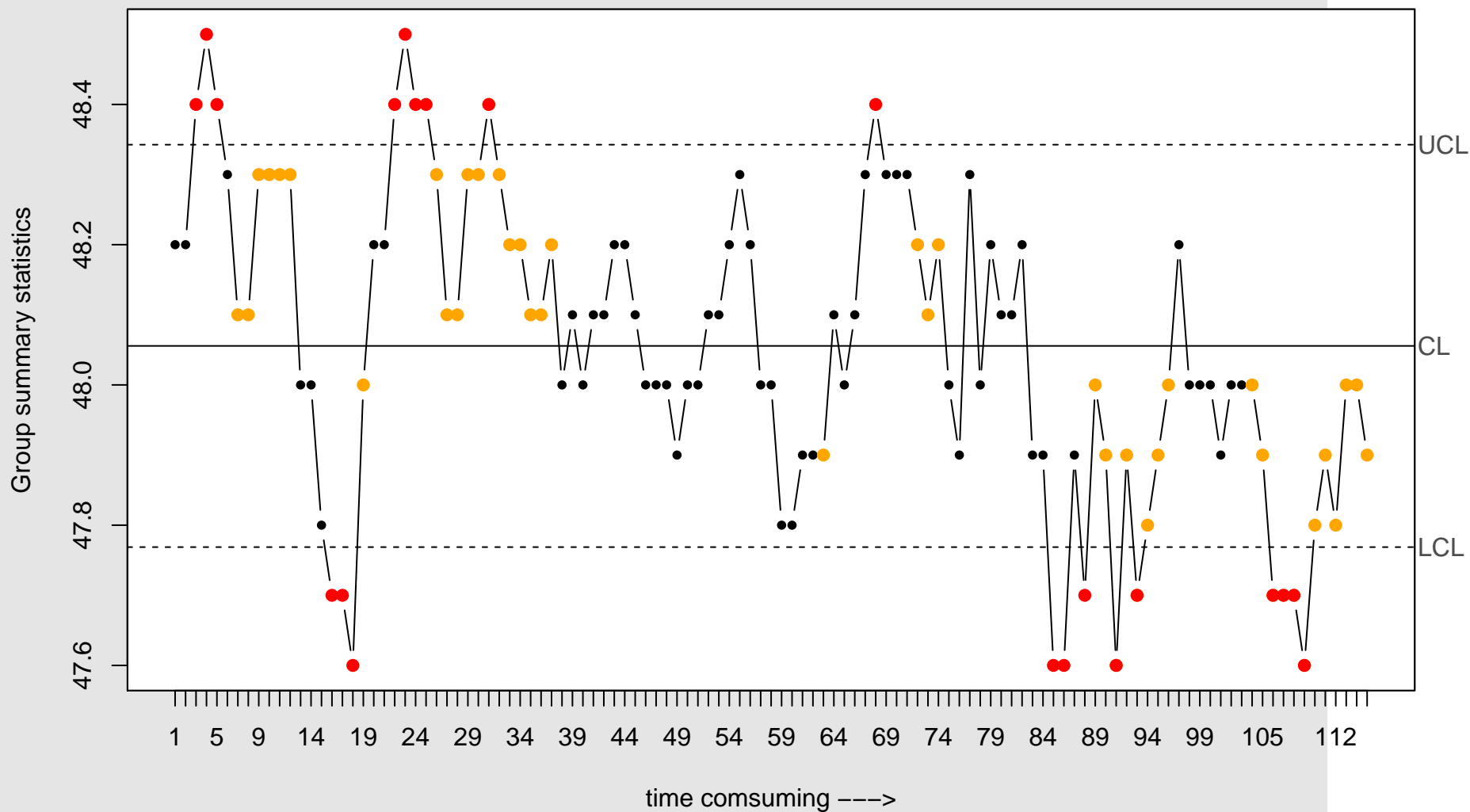


Number of groups = 115
 Center = 47.87913
 StdDev = 0.1010949

LCL = 47.57585
 UCL = 48.18242

Number beyond limits = 28
 Number violating runs = 30

89th column point of this product



Number of groups = 115

Center = 48.05565

StdDev = 0.09565136

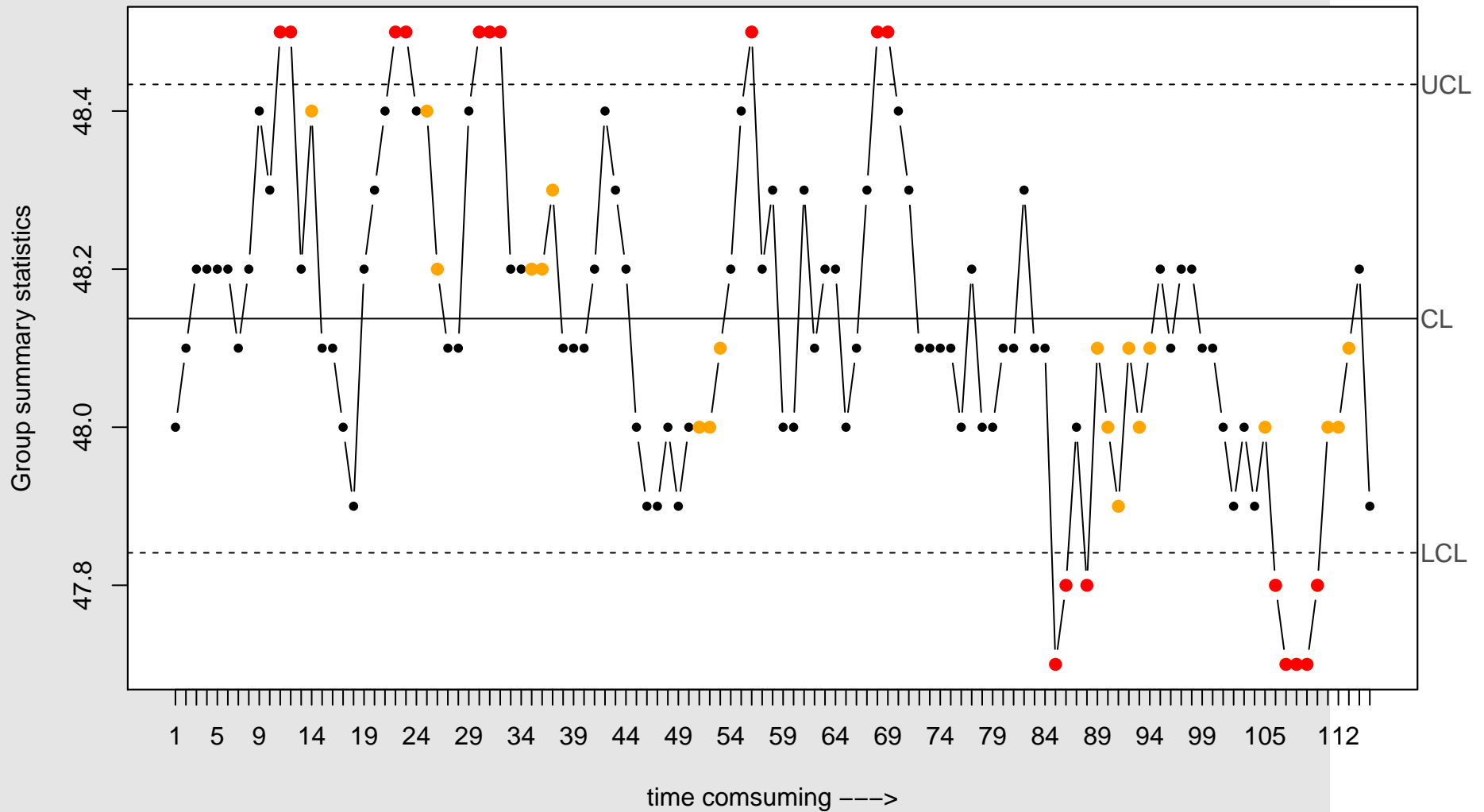
LCL = 47.7687

UCL = 48.34261

Number beyond limits = 21

Number violating runs = 43

90th column point of this product

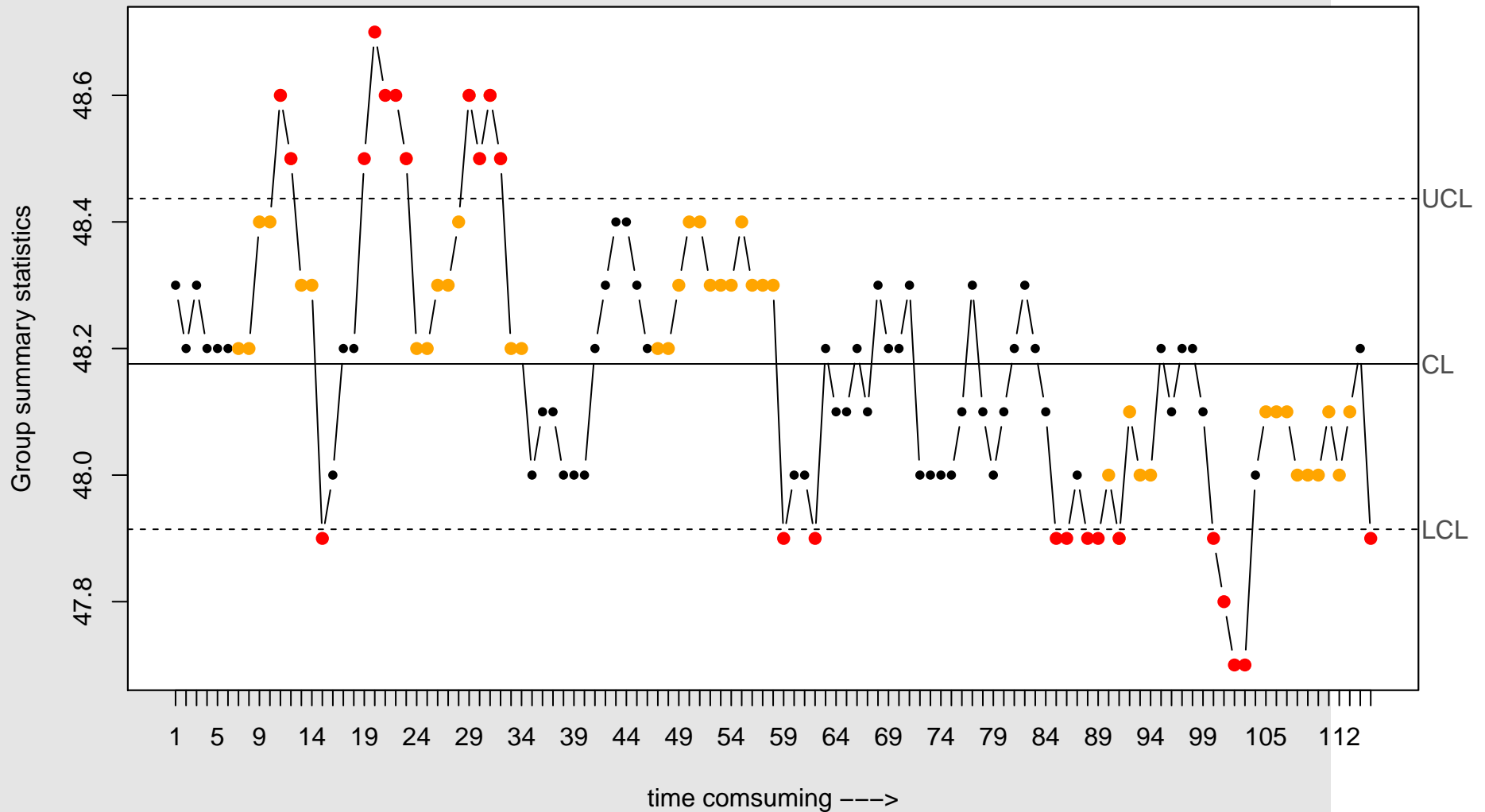


Number of groups = 115
 Center = 48.13739
 StdDev = 0.09876198

LCL = 47.84111
 UCL = 48.43368

Number beyond limits = 18
 Number violating runs = 24

91th column point of this product



Number of groups = 115

Center = 48.17565

StdDev = 0.08709718

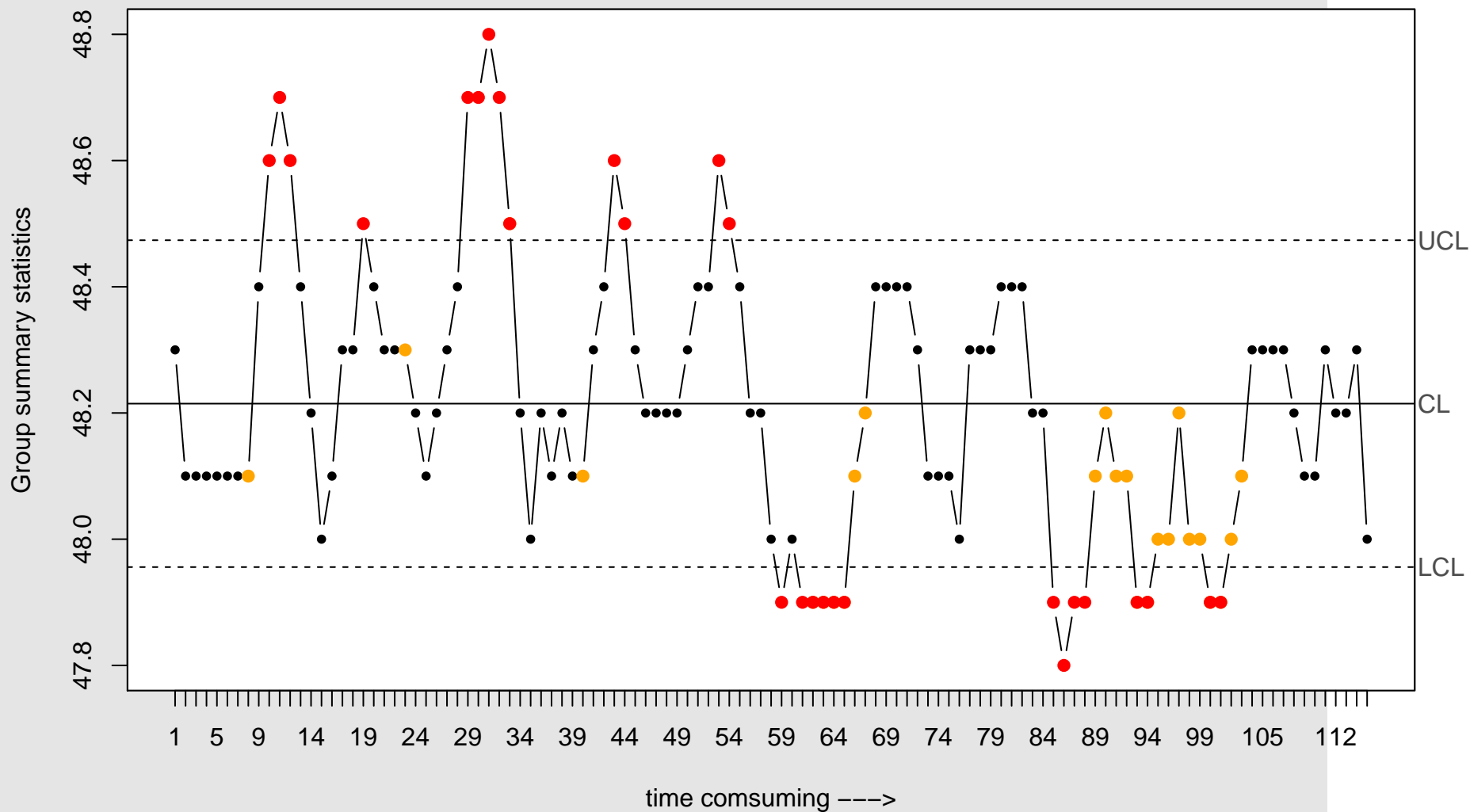
LCL = 47.91436

UCL = 48.43694

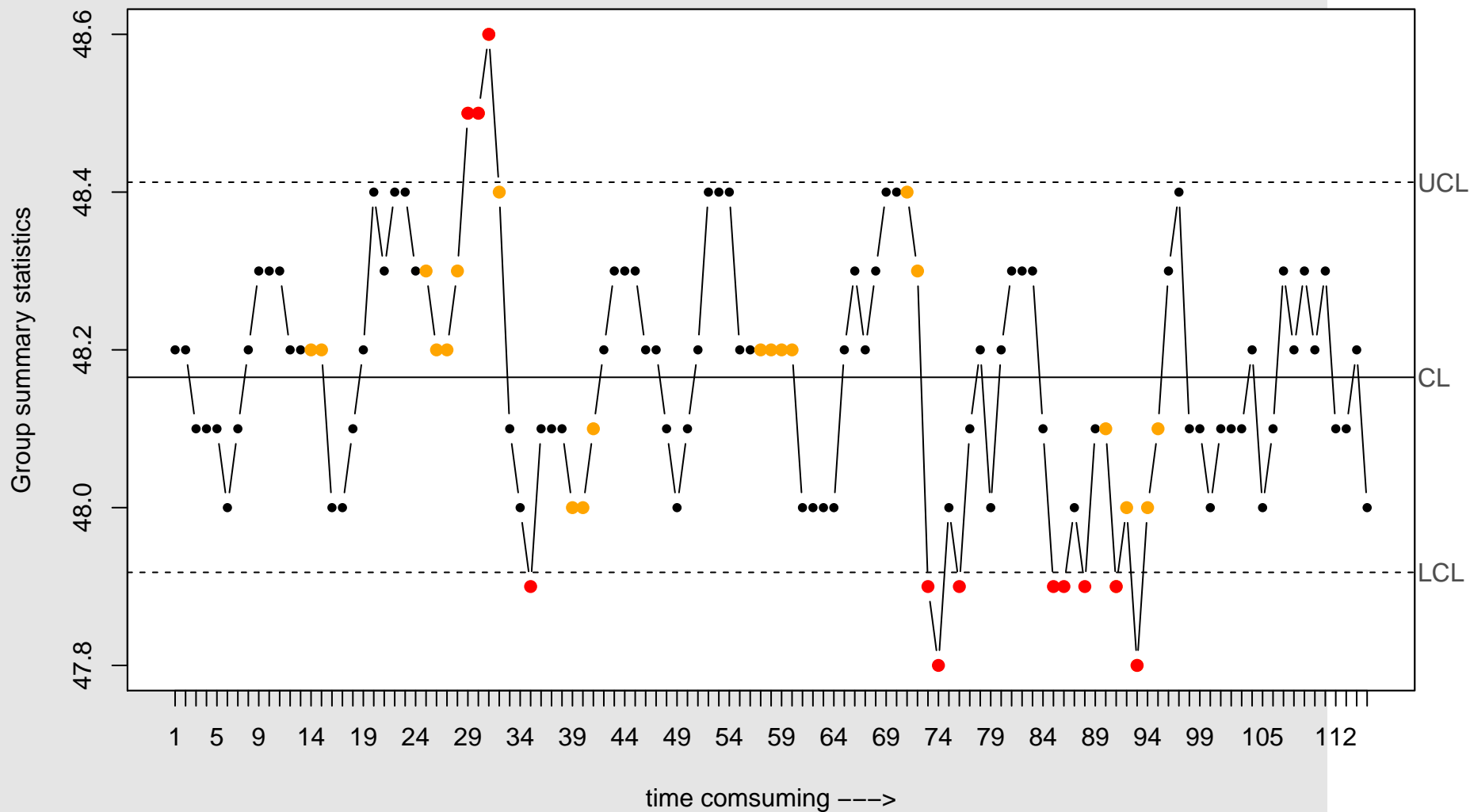
Number beyond limits = 24

Number violating runs = 46

92th column point of this product



93th column point of this product

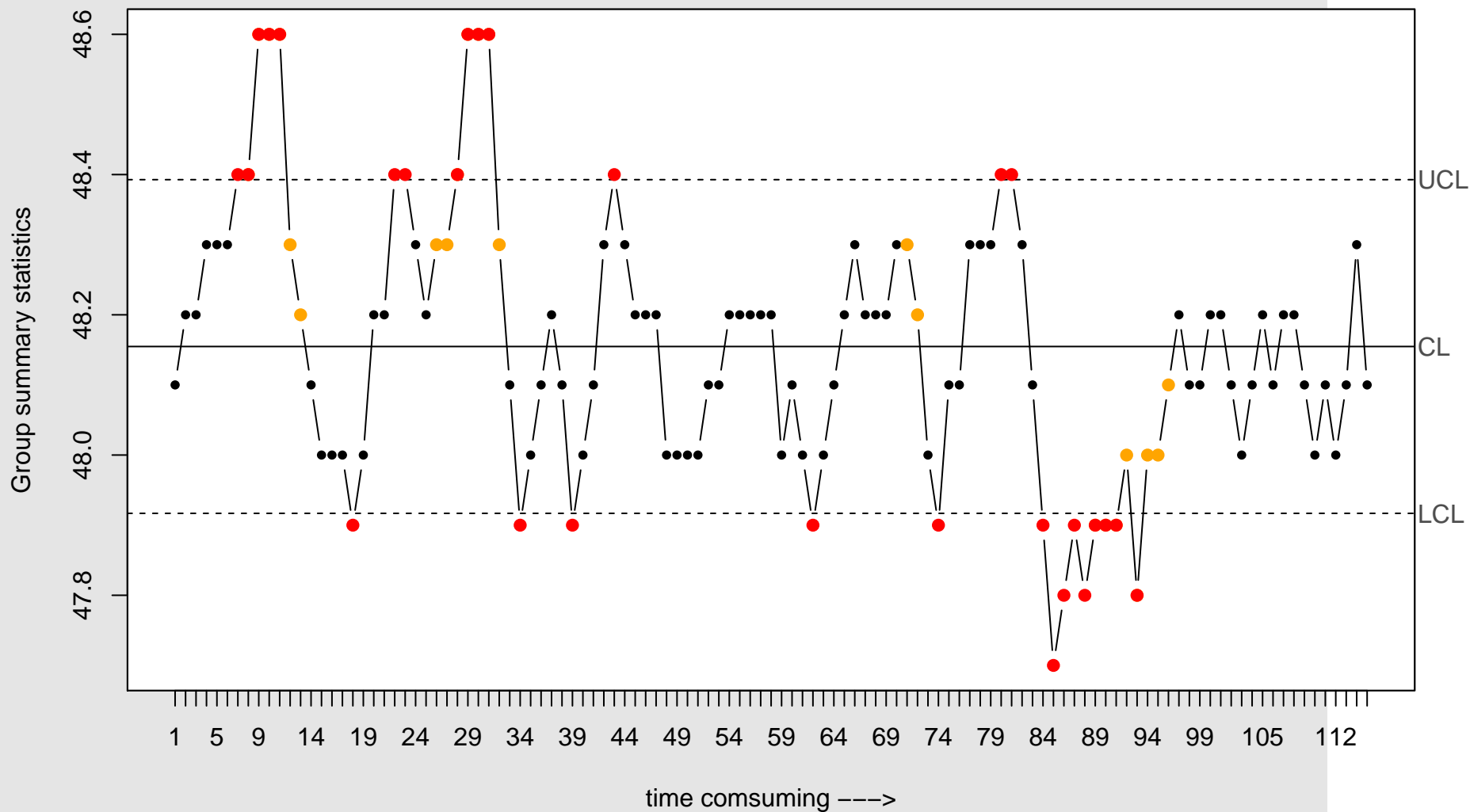


Number of groups = 115
 Center = 48.16522
 StdDev = 0.08243126

LCL = 47.91792
 UCL = 48.41251

Number beyond limits = 12
 Number violating runs = 25

94th column point of this product

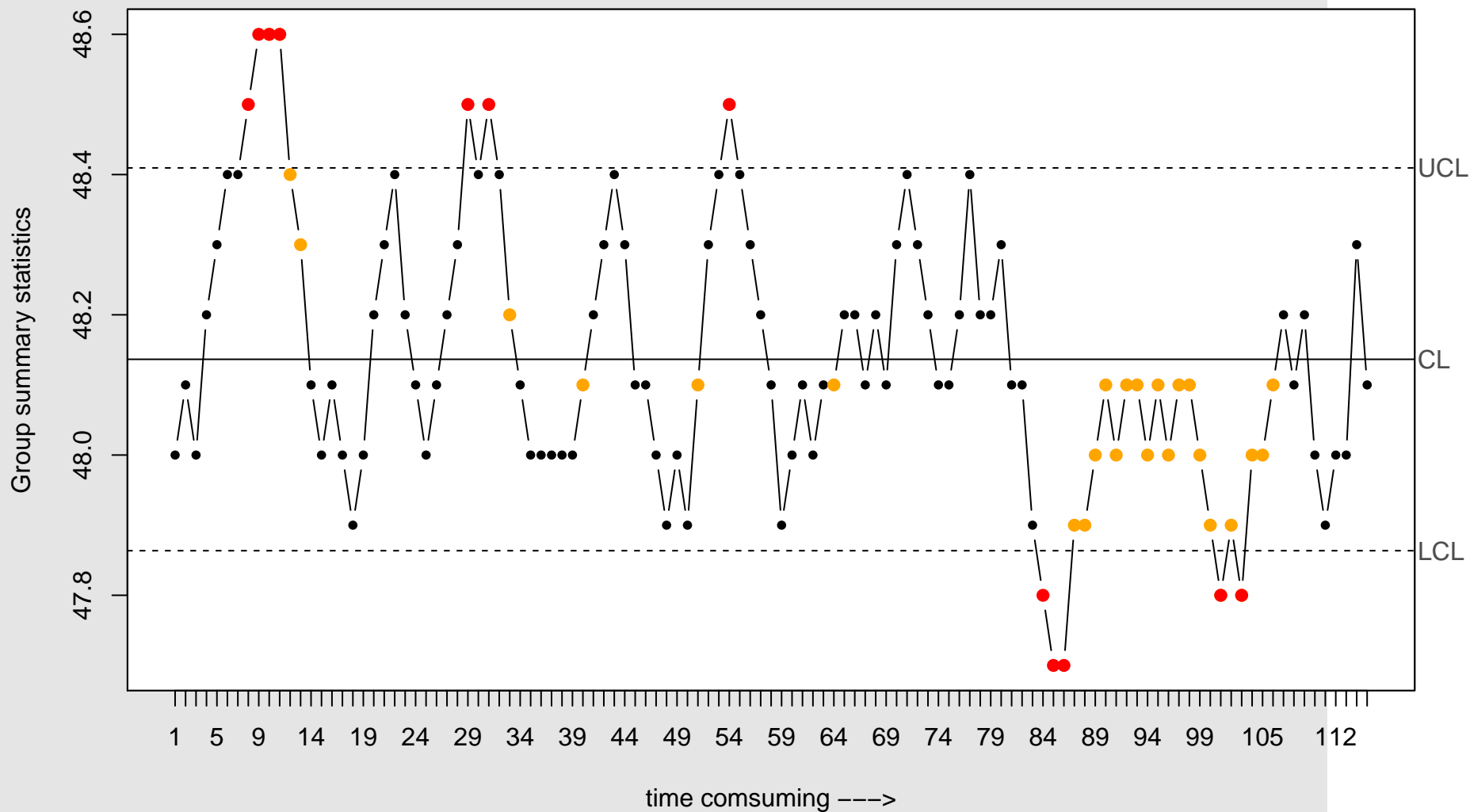


Number of groups = 115
 Center = 48.15478
 StdDev = 0.07932064

LCL = 47.91682
 UCL = 48.39274

Number beyond limits = 28
 Number violating runs = 23

95th column point of this product

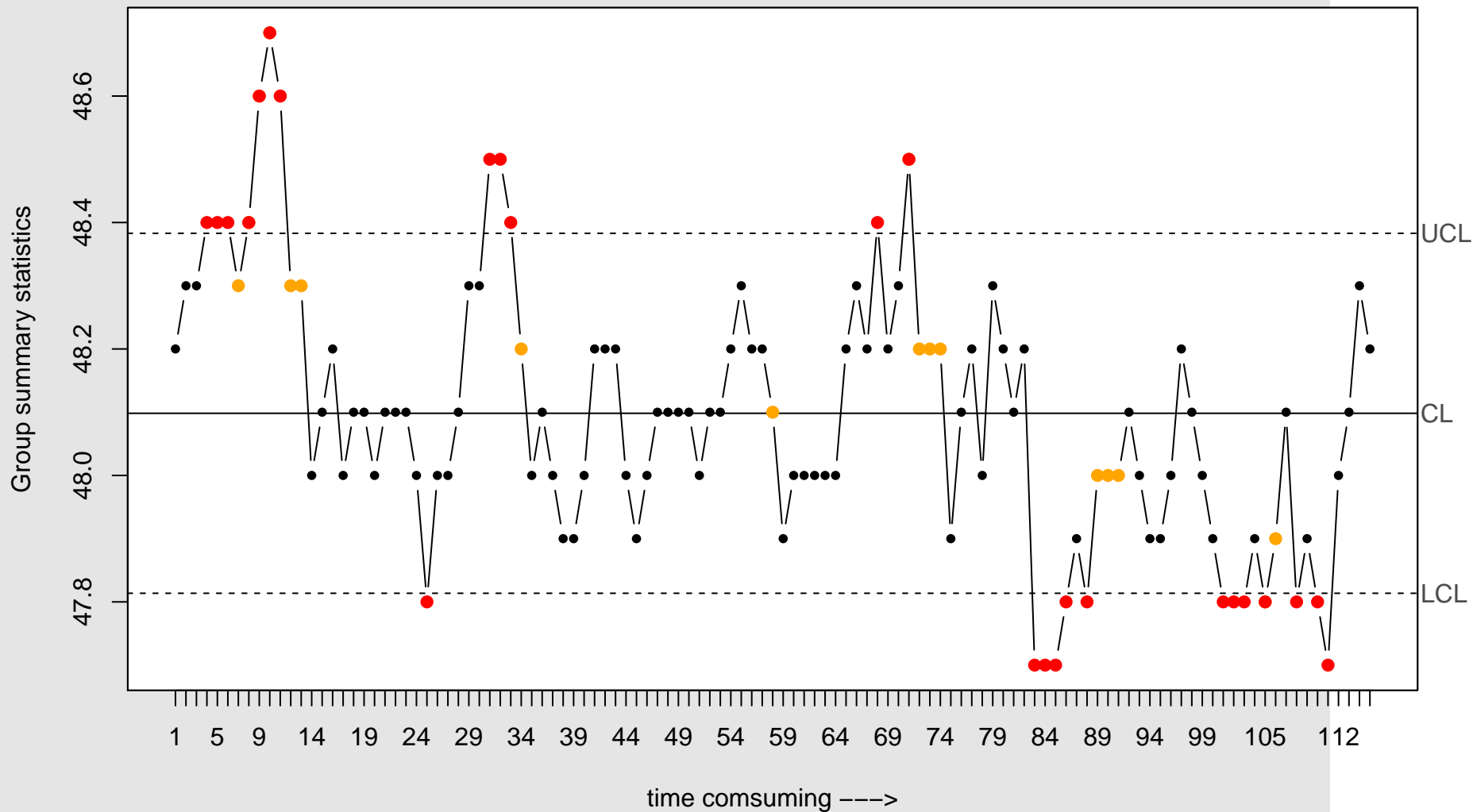


Number of groups = 115
 Center = 48.13652
 StdDev = 0.09098544

LCL = 47.86357
 UCL = 48.40948

Number beyond limits = 12
 Number violating runs = 28

96th column point of this product

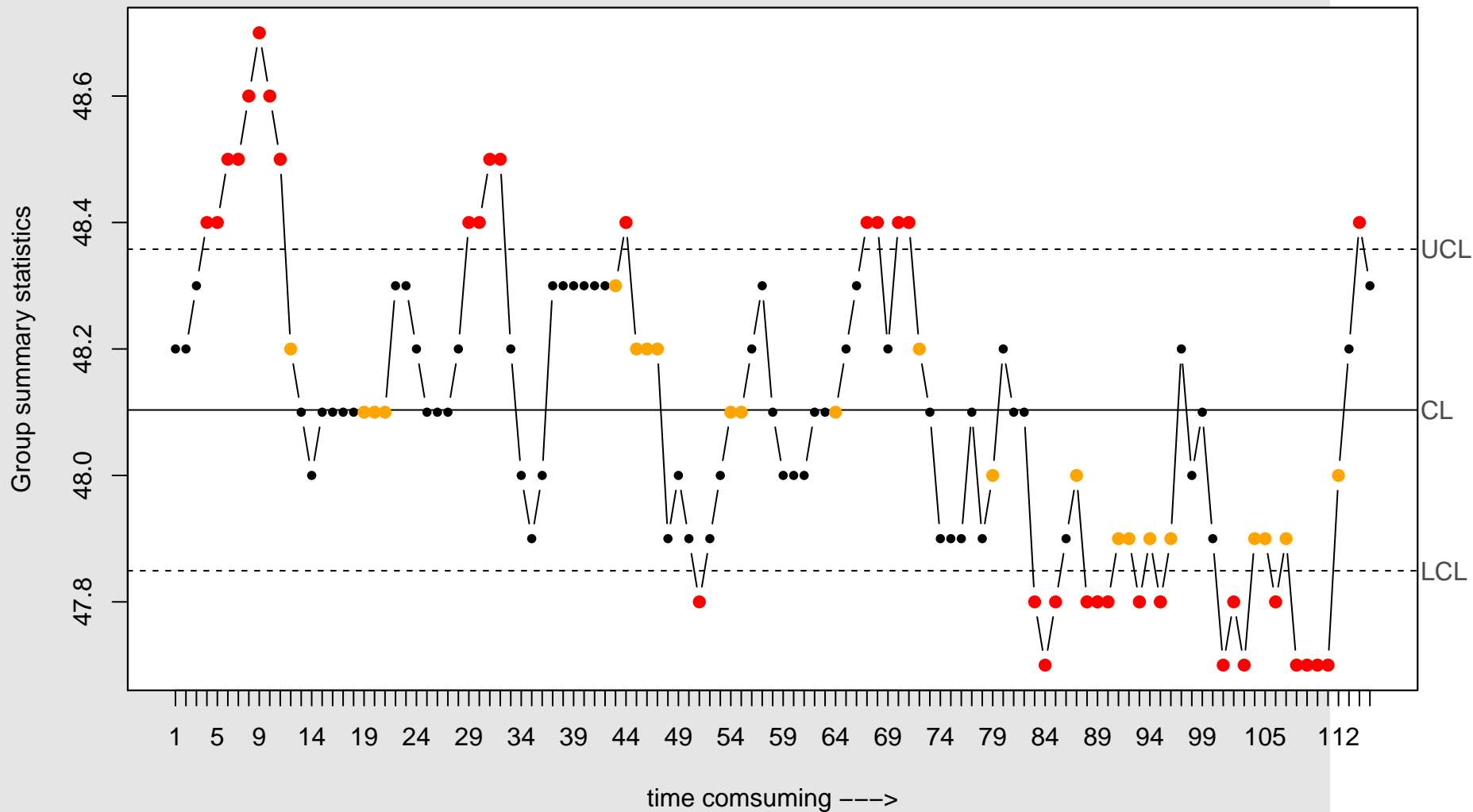


Number of groups = 115
Center = 48.09826
StdDev = 0.09487371

LCL = 47.81364
UCL = 48.38288

Number beyond limits = 25
Number violating runs = 18

97th column point of this product

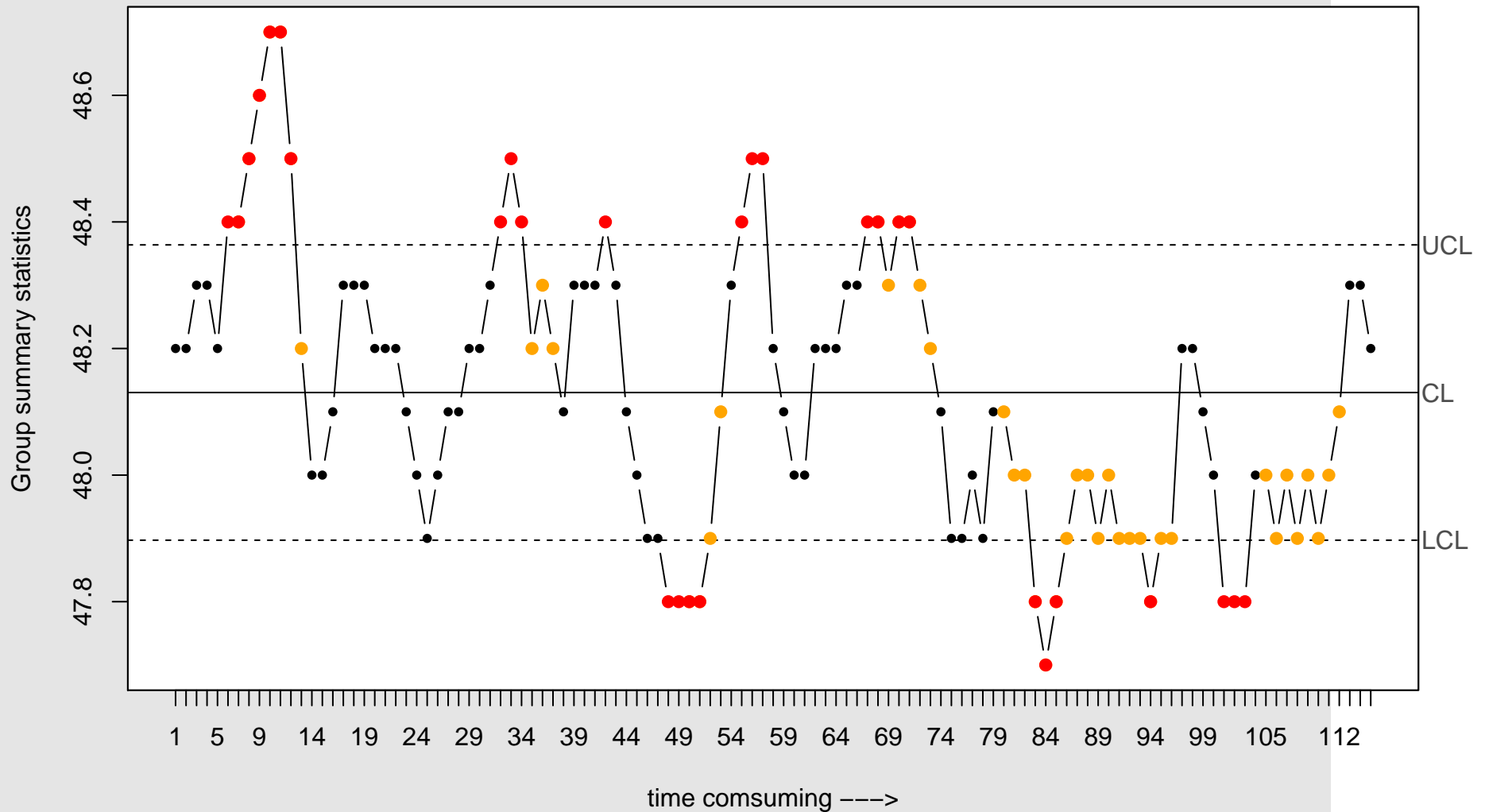


Number of groups = 115
Center = 48.10348
StdDev = 0.08476422

LCL = 47.84919
UCL = 48.35777

Number beyond limits = 35
Number violating runs = 39

98th column point of this product



Number of groups = 115

Center = 48.13043

StdDev = 0.07776534

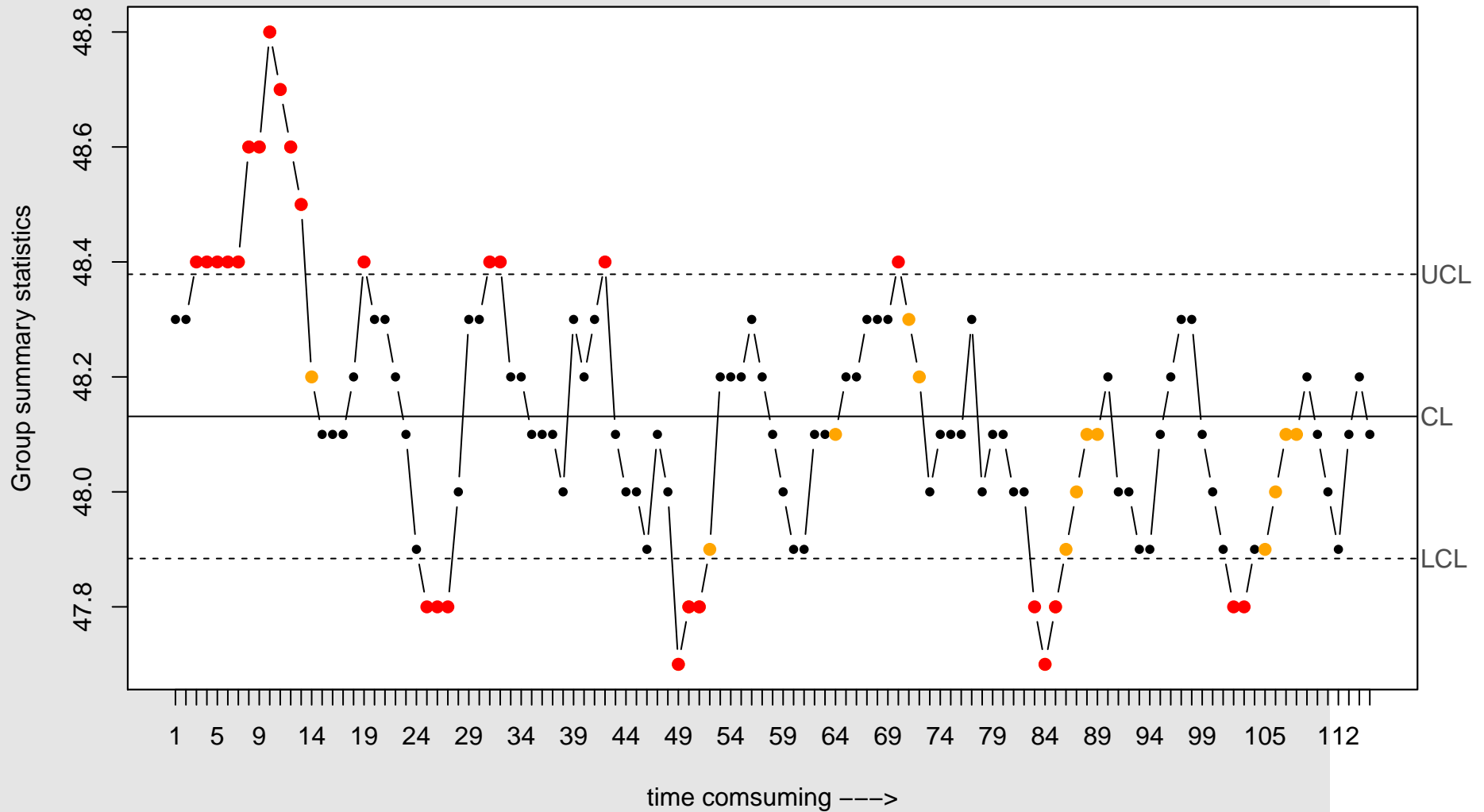
LCL = 47.89714

UCL = 48.36373

Number beyond limits = 29

Number violating runs = 45

99th column point of this product

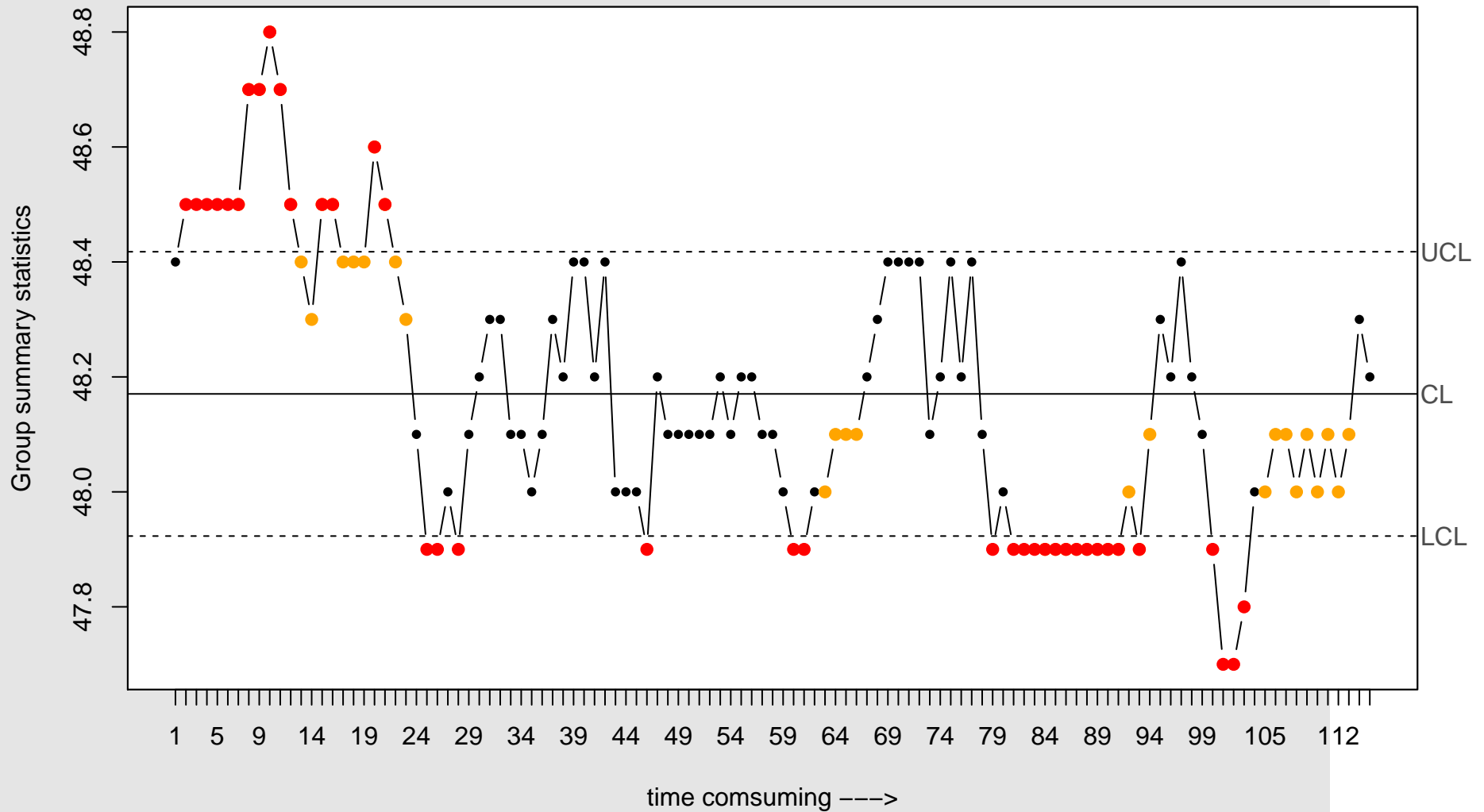


Number of groups = 115
 Center = 48.1313
 StdDev = 0.08243126

LCL = 47.88401
 UCL = 48.3786

Number beyond limits = 27
 Number violating runs = 25

100th column point of this product



Number of groups = 115

Center = 48.17043

StdDev = 0.08243126

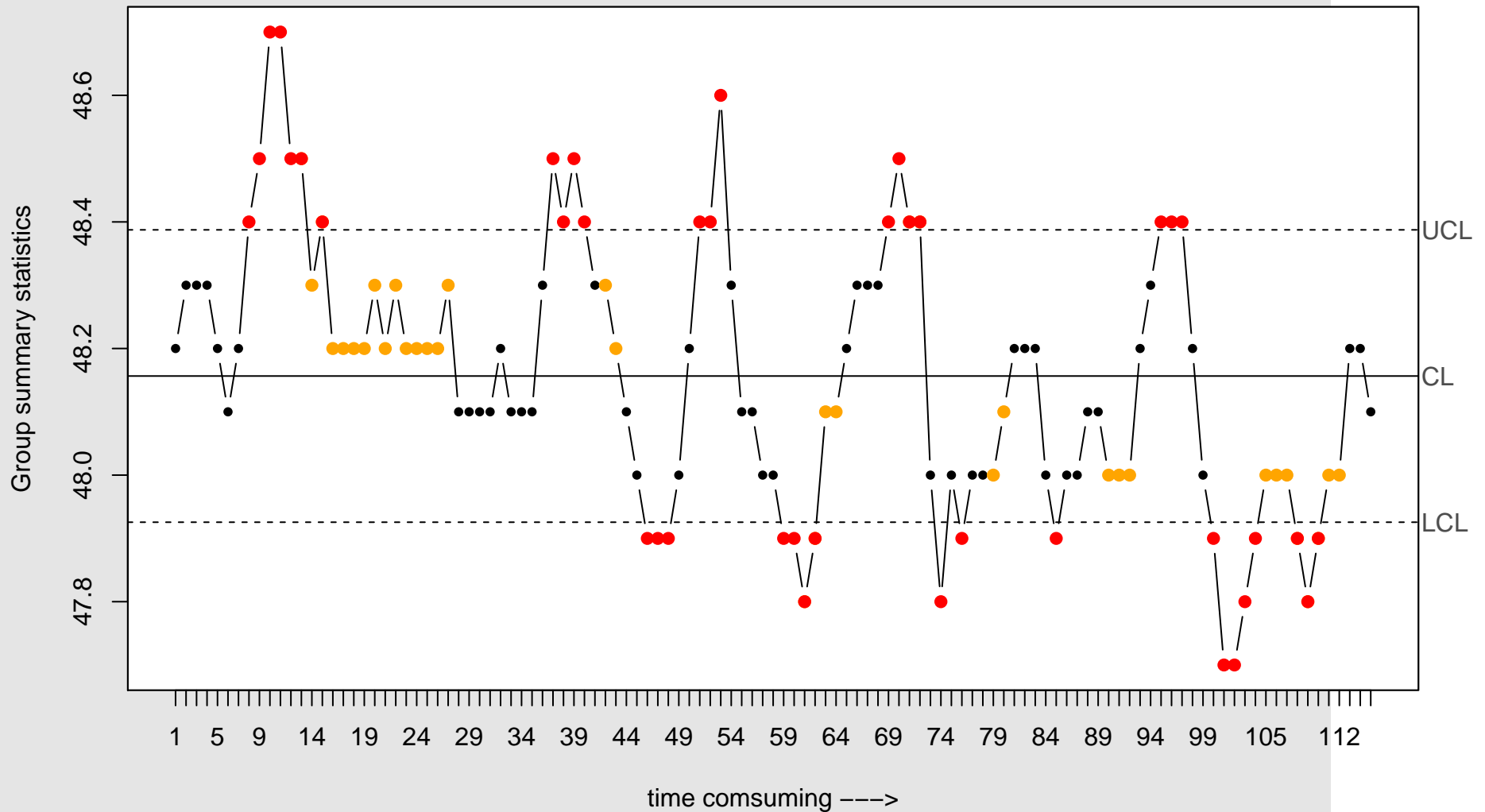
LCL = 47.92314

UCL = 48.41773

Number beyond limits = 38

Number violating runs = 41

101th column point of this product

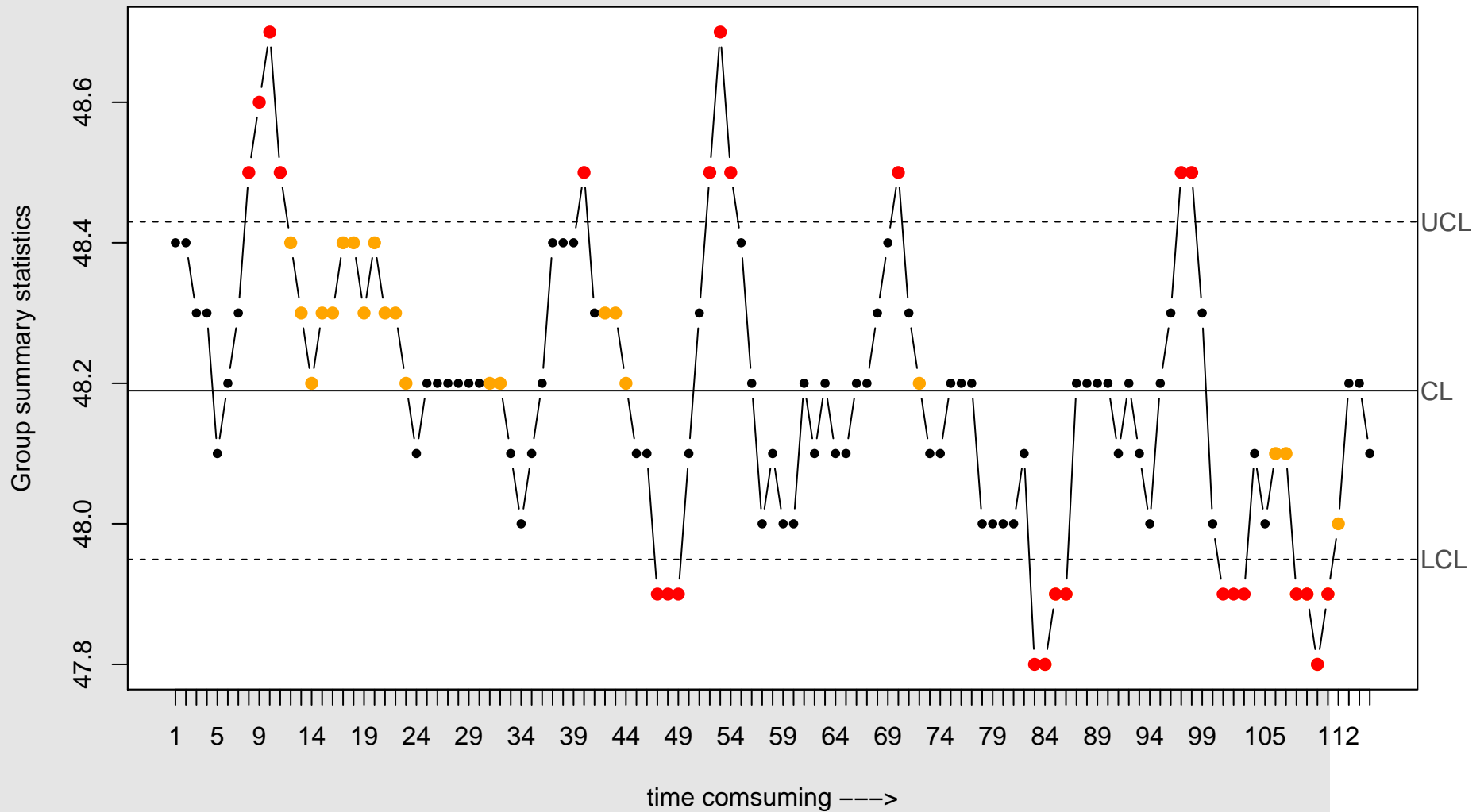


Number of groups = 115
Center = 48.15652
StdDev = 0.07698768

LCL = 47.92556
UCL = 48.38748

Number beyond limits = 39
Number violating runs = 36

102th column point of this product



Number of groups = 115

Center = 48.18957

StdDev = 0.0800983

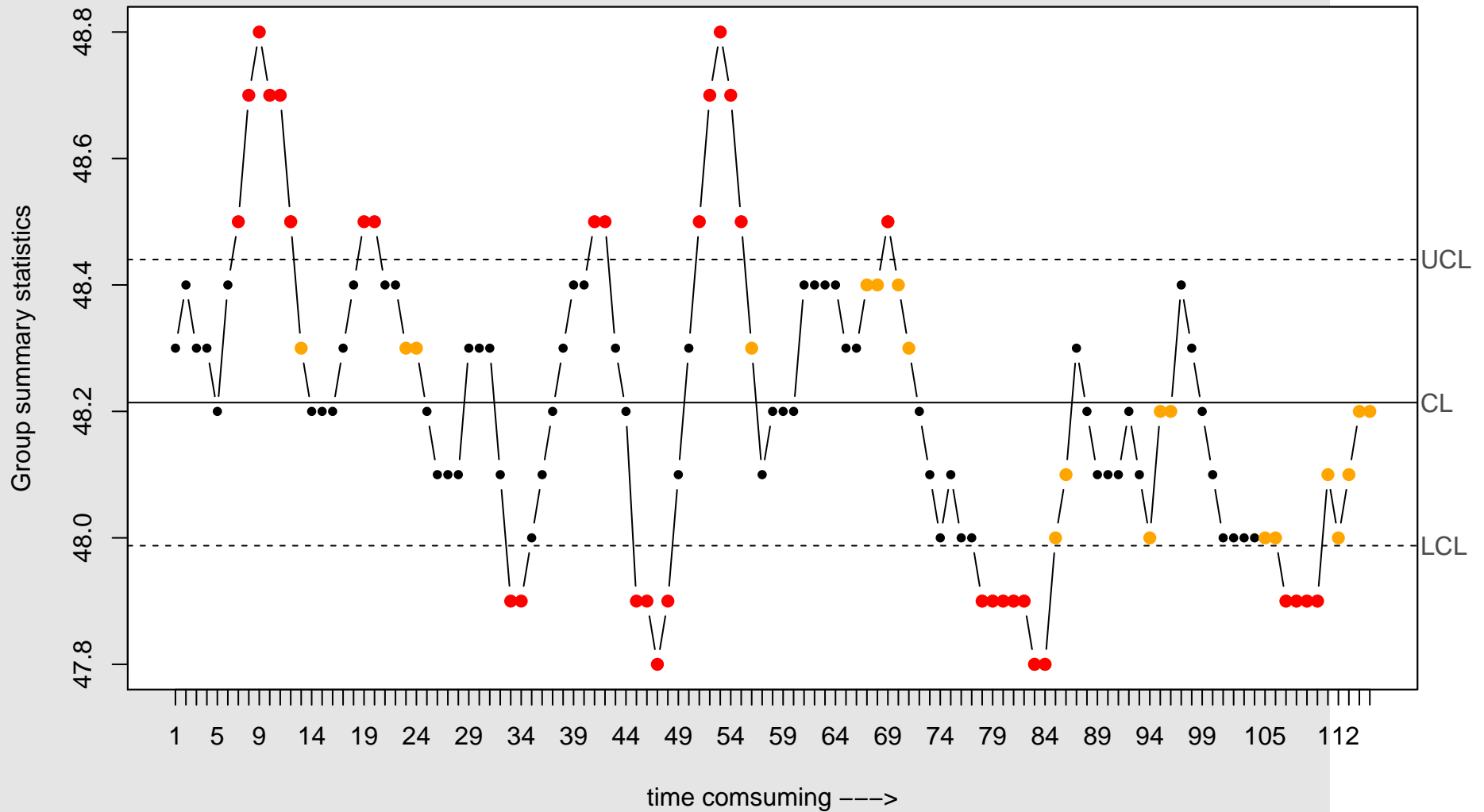
LCL = 47.94927

UCL = 48.42986

Number beyond limits = 25

Number violating runs = 28

103th column point of this product



Number of groups = 115

Center = 48.21391

StdDev = 0.07543238

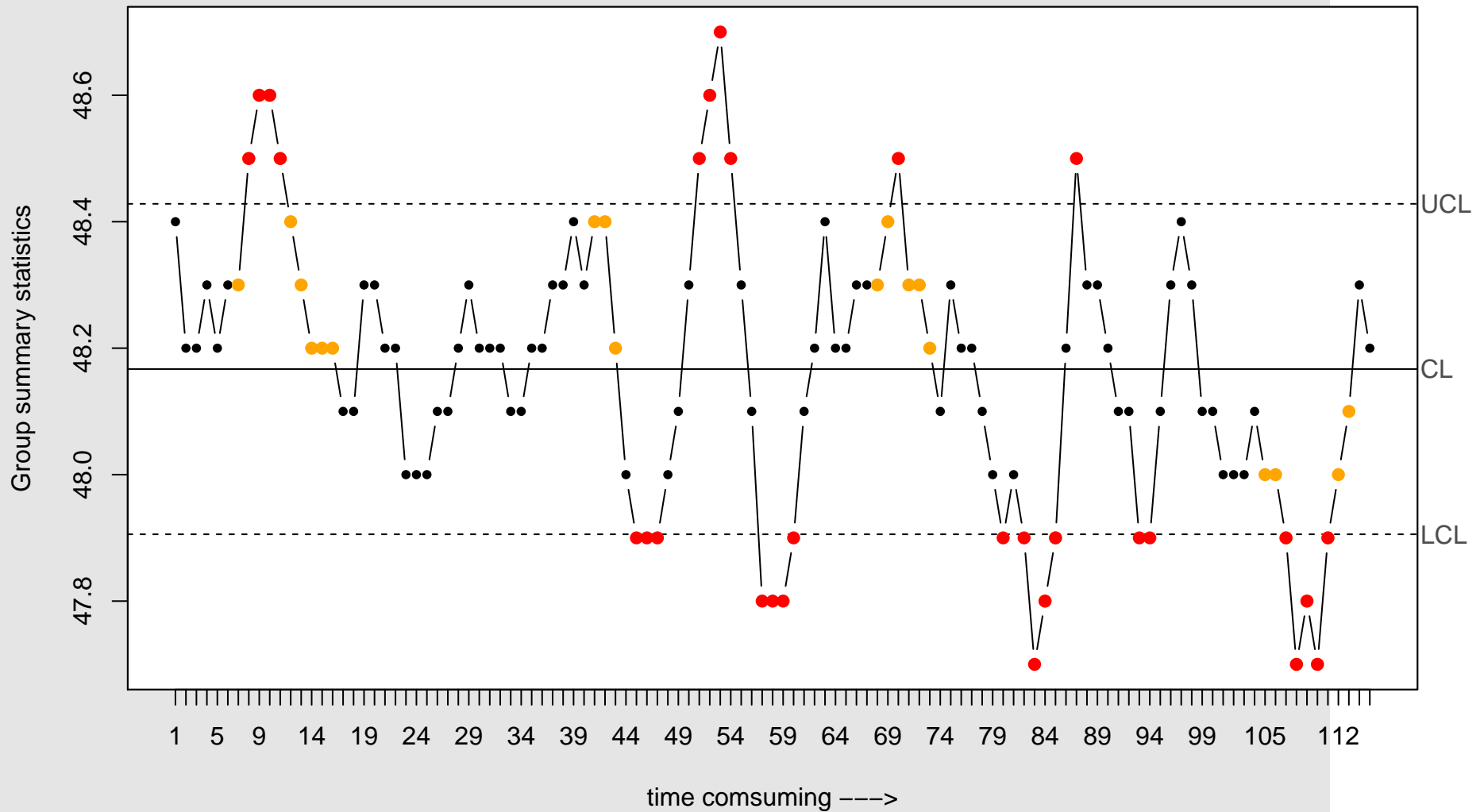
LCL = 47.98762

UCL = 48.44021

Number beyond limits = 33

Number violating runs = 33

104th column point of this product

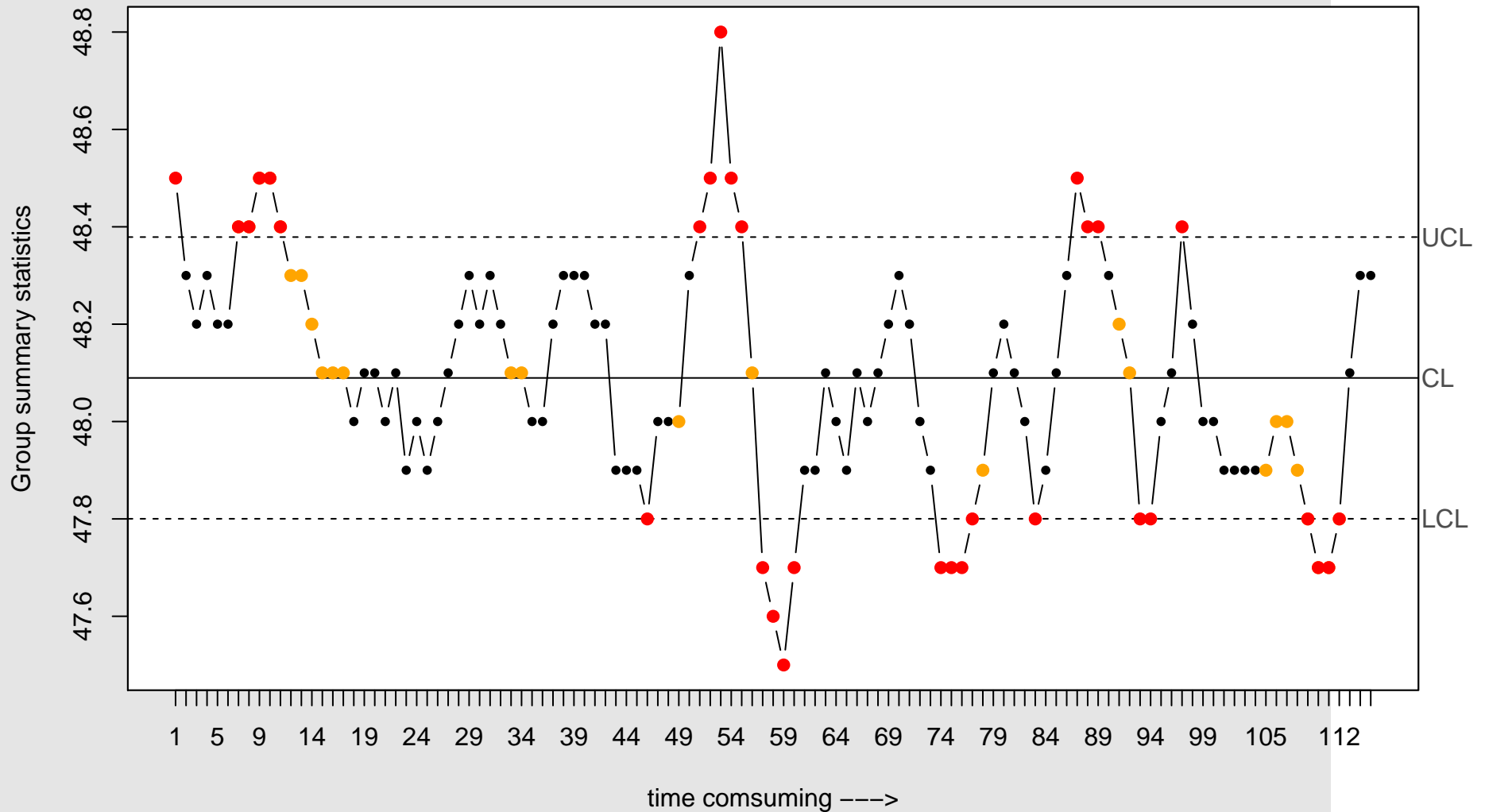


Number of groups = 115
 Center = 48.16696
 StdDev = 0.08709718

LCL = 47.90566
 UCL = 48.42825

Number beyond limits = 29
 Number violating runs = 30

105th column point of this product

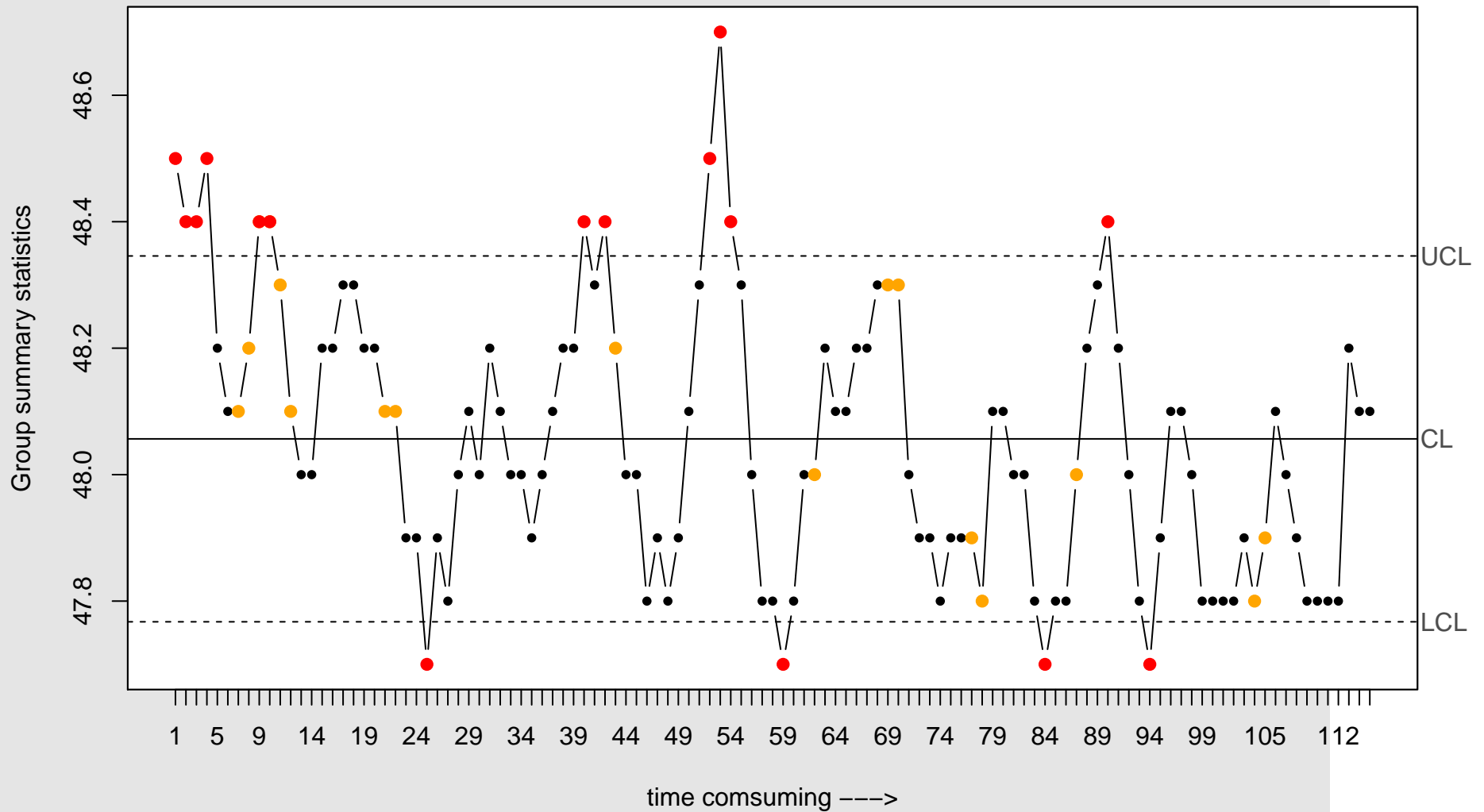


Number of groups = 115
 Center = 48.08957
 StdDev = 0.09642902

LCL = 47.80028
 UCL = 48.37885

Number beyond limits = 31
 Number violating runs = 26

106th column point of this product



Number of groups = 115

Center = 48.05652

StdDev = 0.09642902

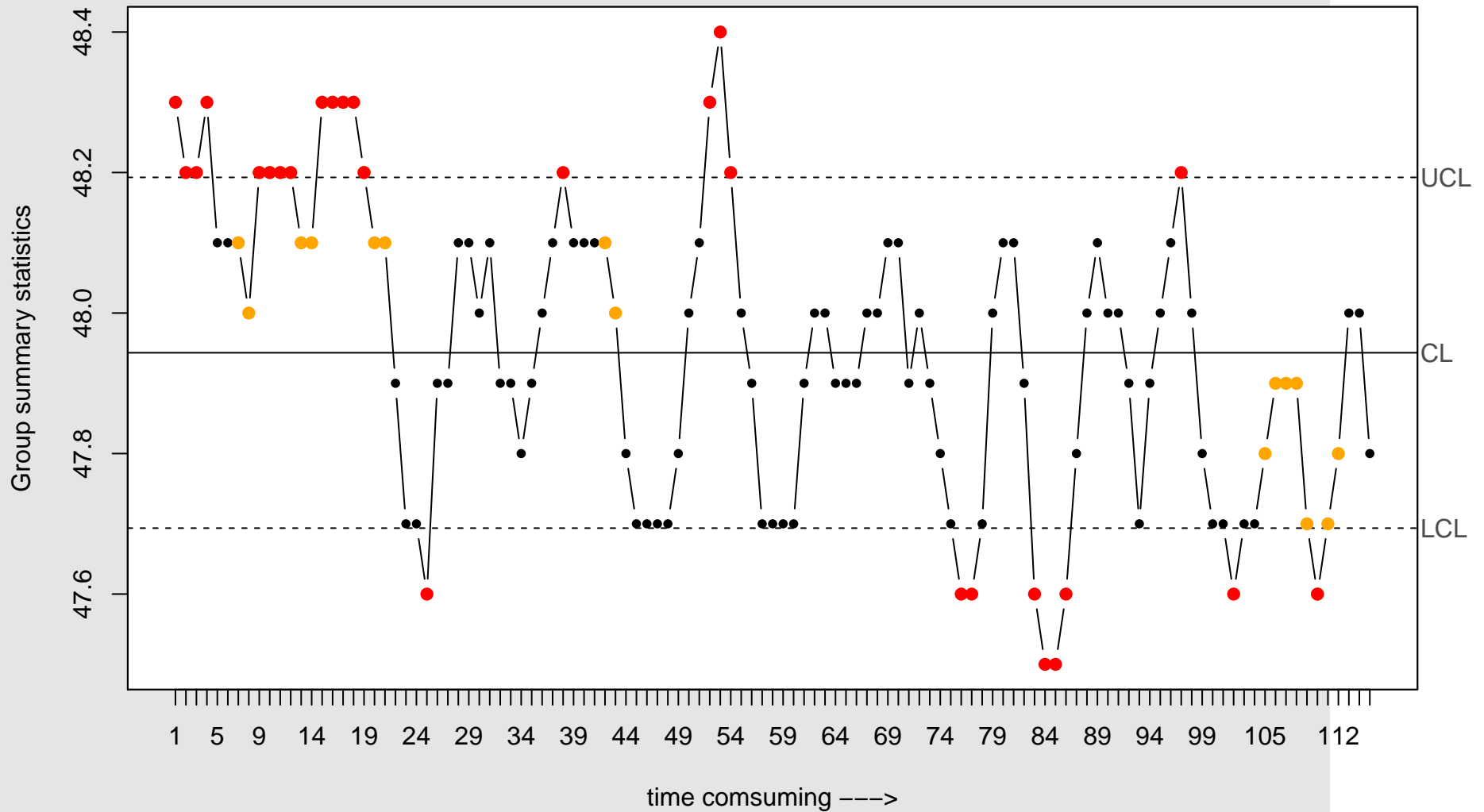
LCL = 47.76723

UCL = 48.34581

Number beyond limits = 16

Number violating runs = 17

107th column point of this product

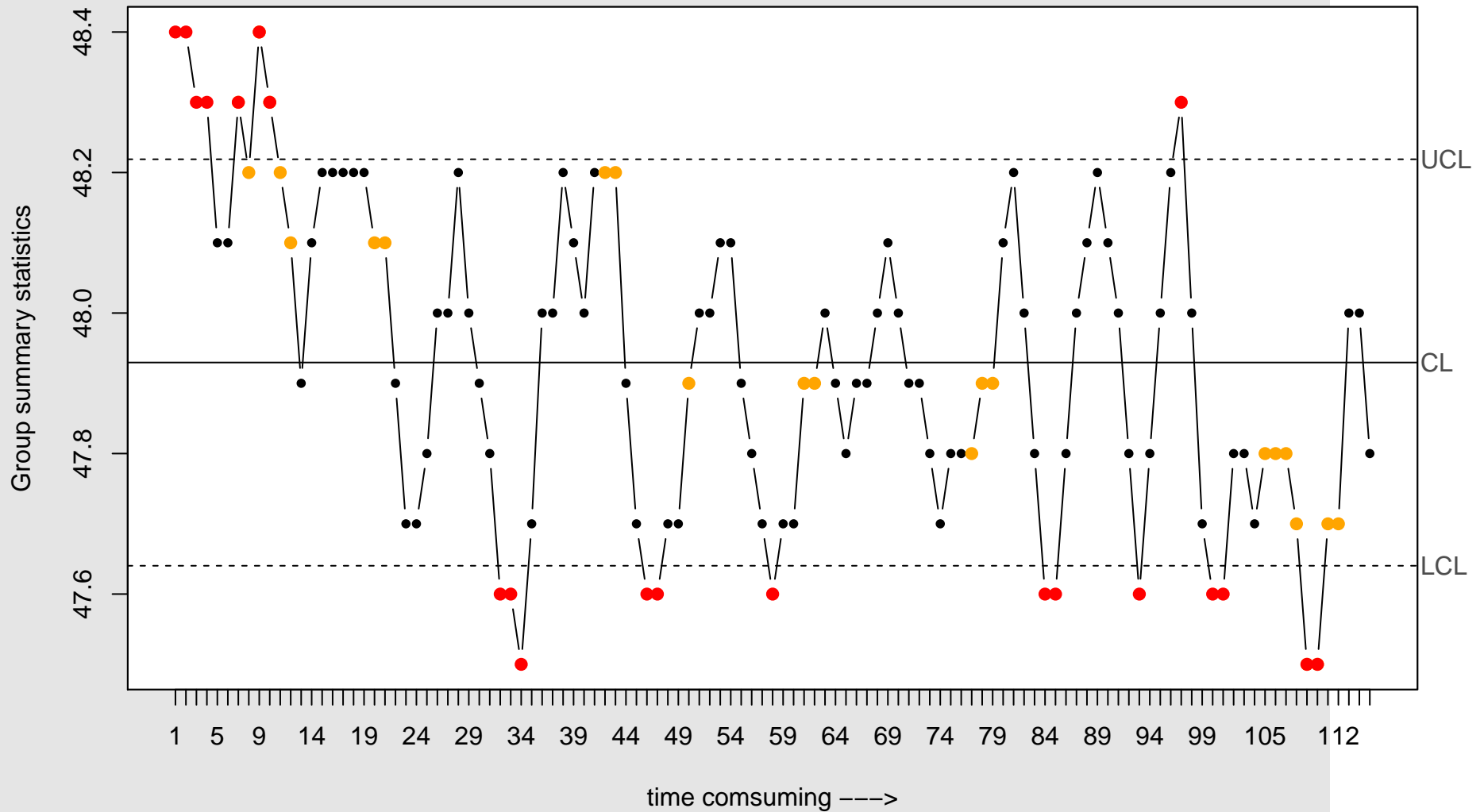


Number of groups = 115
 Center = 47.94348
 StdDev = 0.08320891

LCL = 47.69385
 UCL = 48.1931

Number beyond limits = 27
 Number violating runs = 25

108th column point of this product

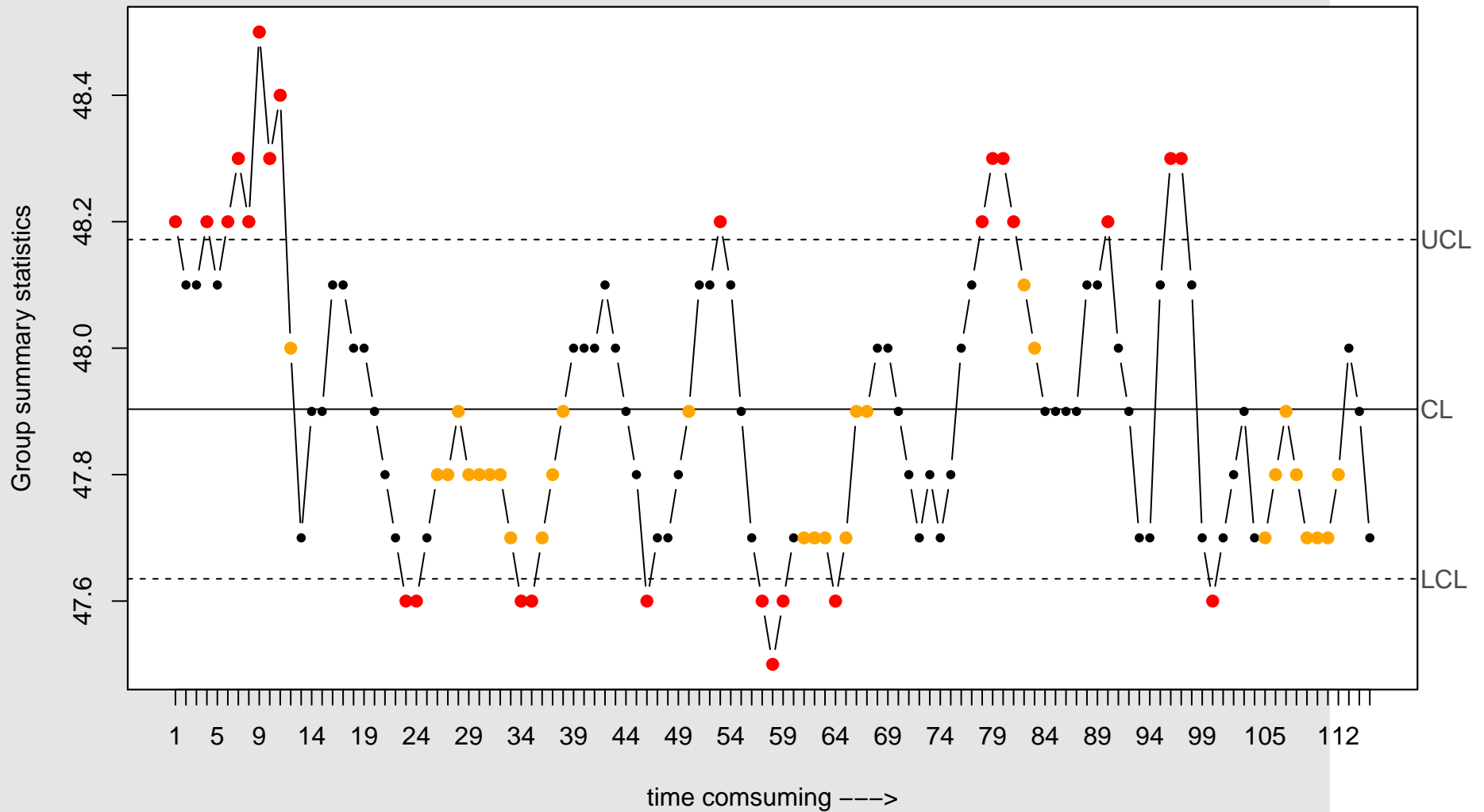


Number of groups = 115
 Center = 47.92957
 StdDev = 0.09642902

LCL = 47.64028
 UCL = 48.21885

Number beyond limits = 21
 Number violating runs = 24

109th column point of this product

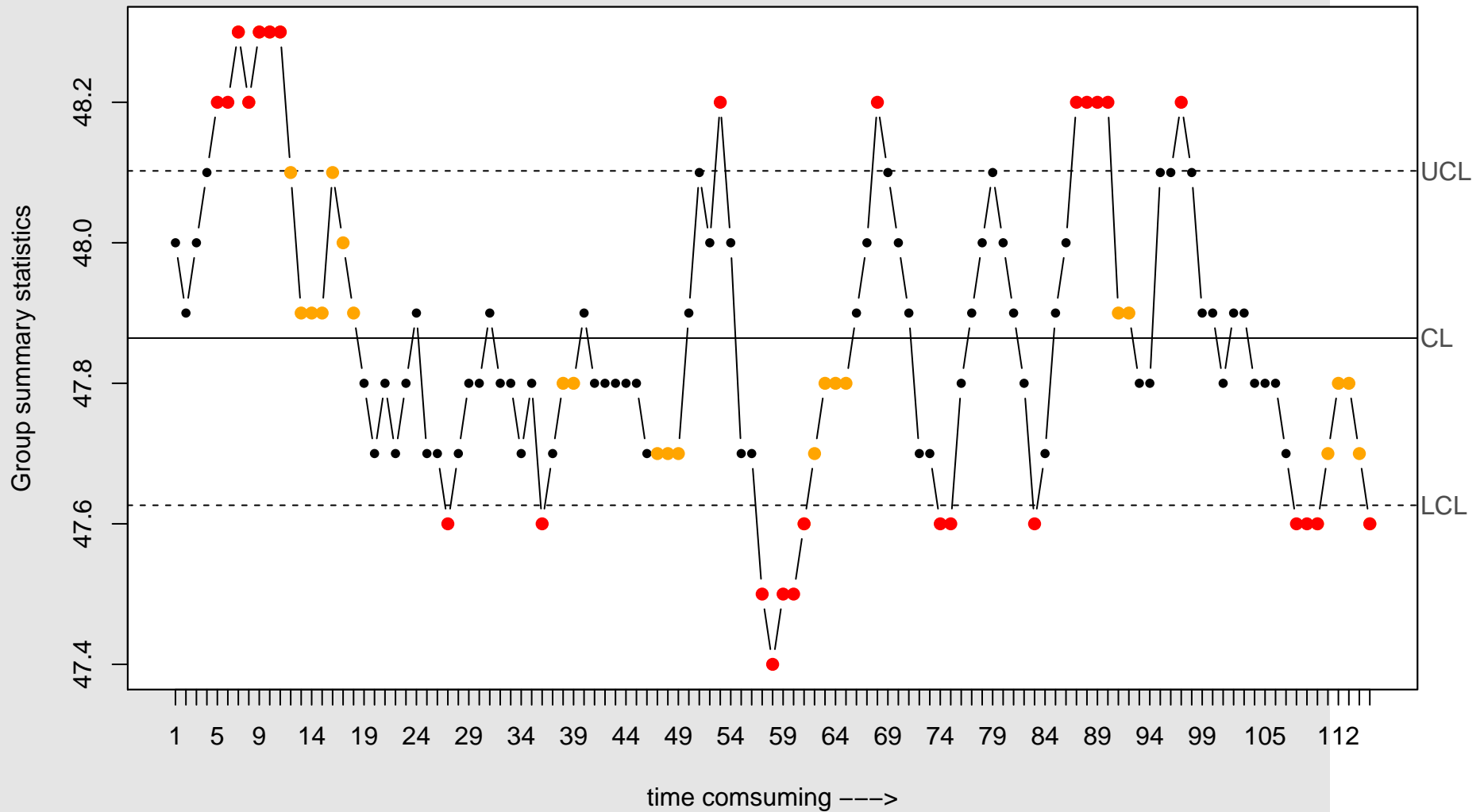


Number of groups = 115
 Center = 47.90348
 StdDev = 0.08943014

LCL = 47.63519
 UCL = 48.17177

Number beyond limits = 26
 Number violating runs = 37

110th column point of this product



Number of groups = 115

Center = 47.86435

StdDev = 0.07932064

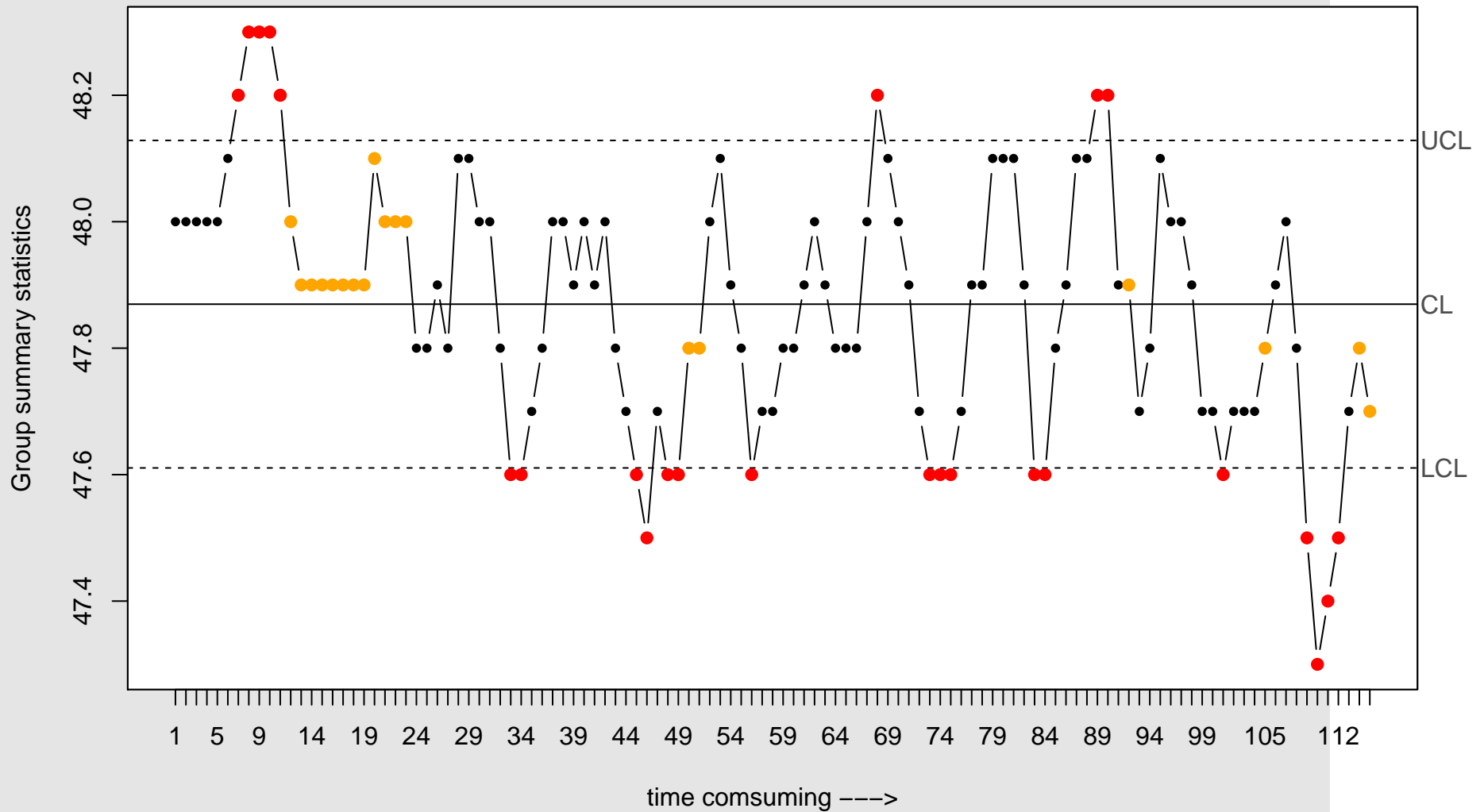
LCL = 47.62639

UCL = 48.10231

Number beyond limits = 28

Number violating runs = 30

111th column point of this product

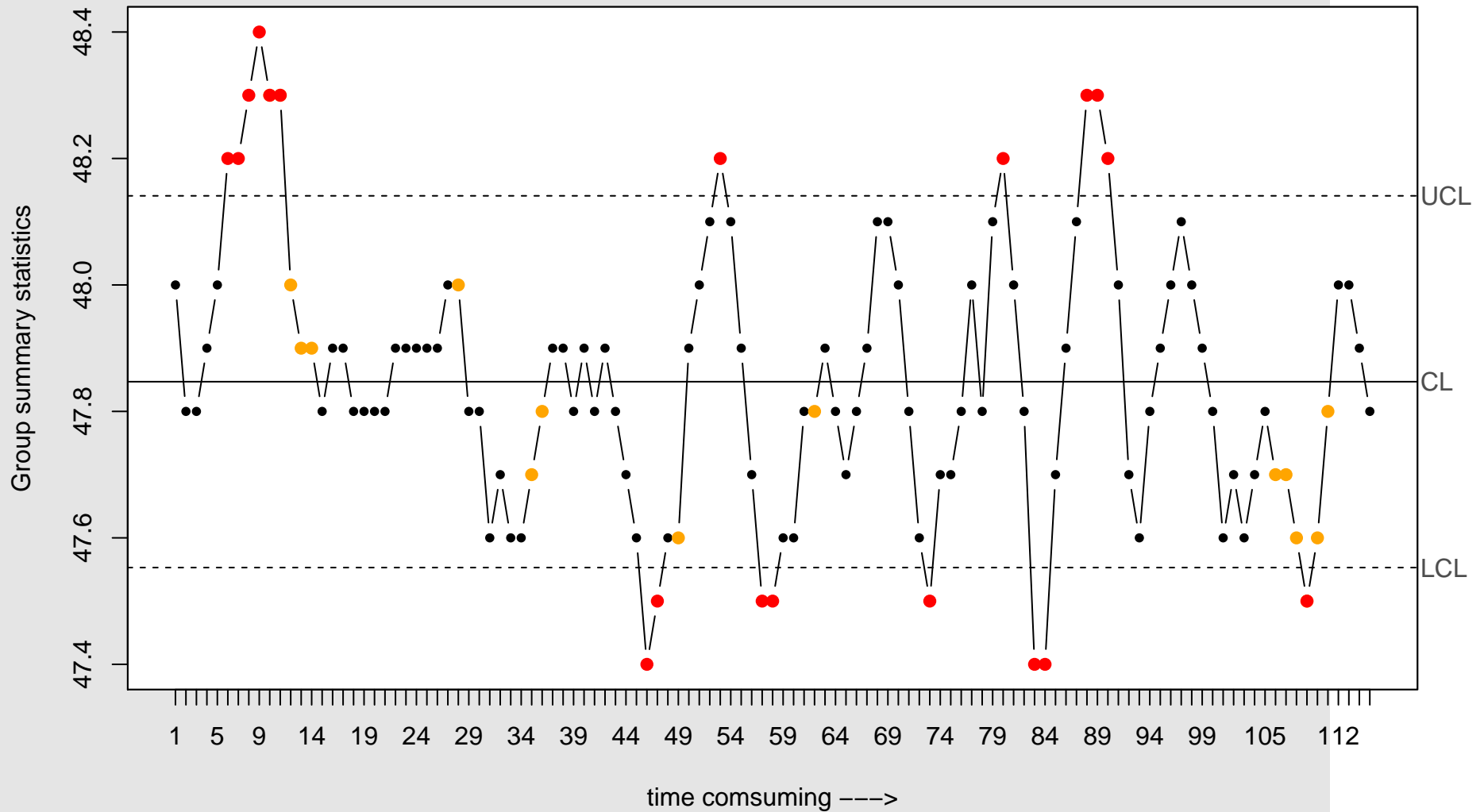


Number of groups = 115
 Center = 47.86957
 StdDev = 0.08631952

LCL = 47.61061
 UCL = 48.12852

Number beyond limits = 25
 Number violating runs = 24

112th column point of this product



Number of groups = 115

Center = 47.84696

StdDev = 0.09798432

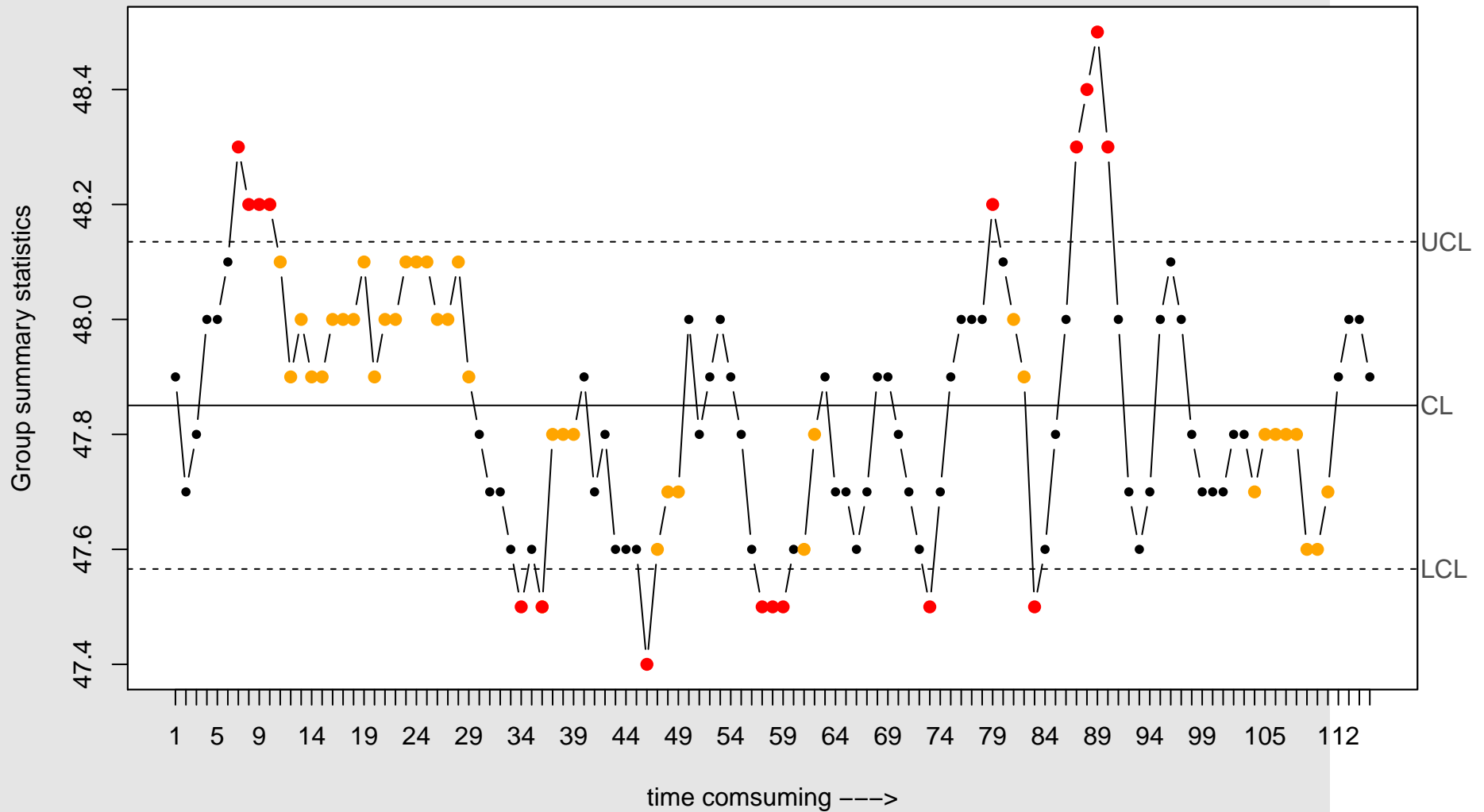
LCL = 47.553

UCL = 48.14091

Number beyond limits = 19

Number violating runs = 16

113th column point of this product

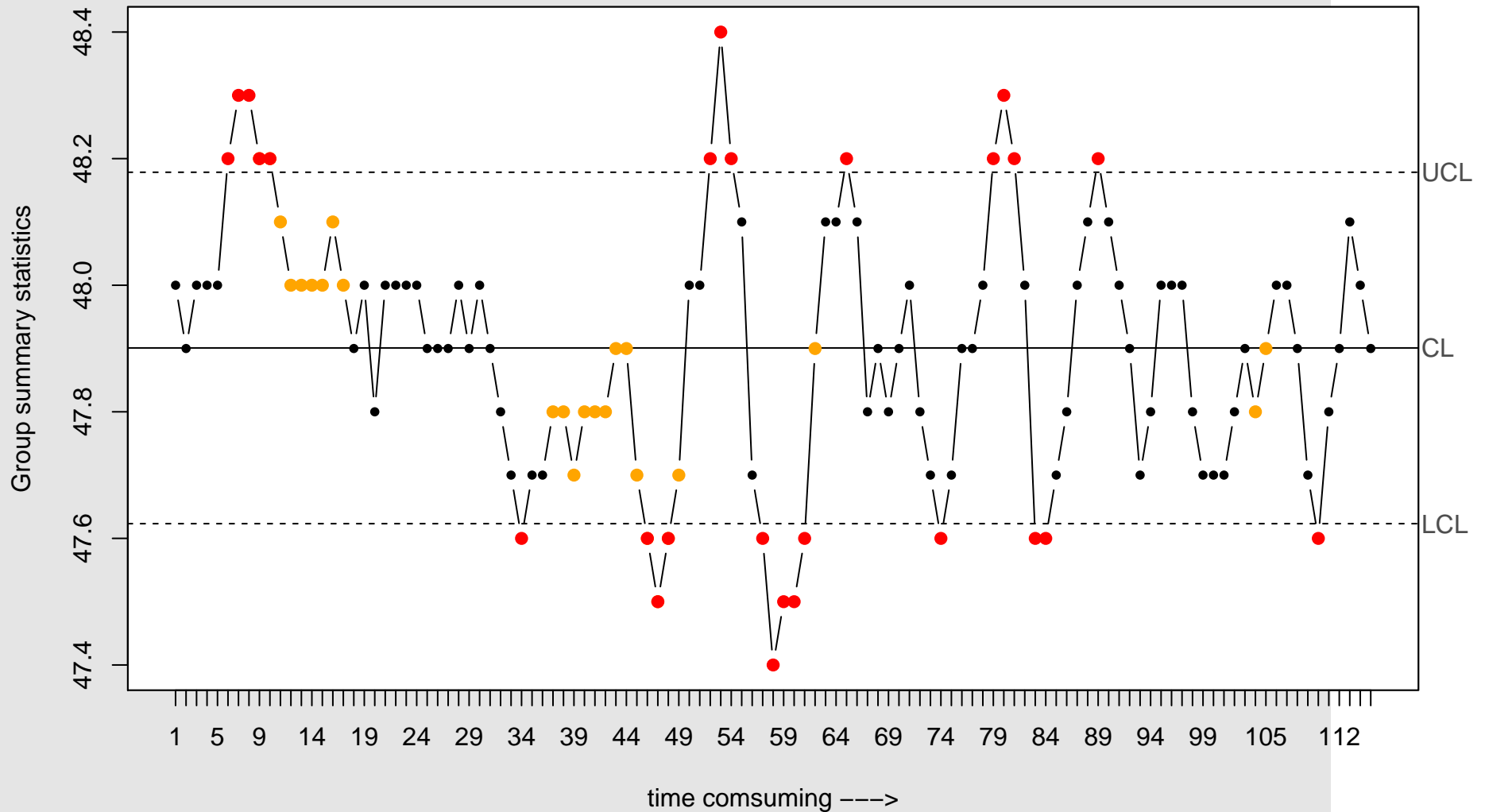


Number of groups = 115
 Center = 47.85043
 StdDev = 0.09487371

LCL = 47.56581
 UCL = 48.13506

Number beyond limits = 17
 Number violating runs = 39

114th column point of this product

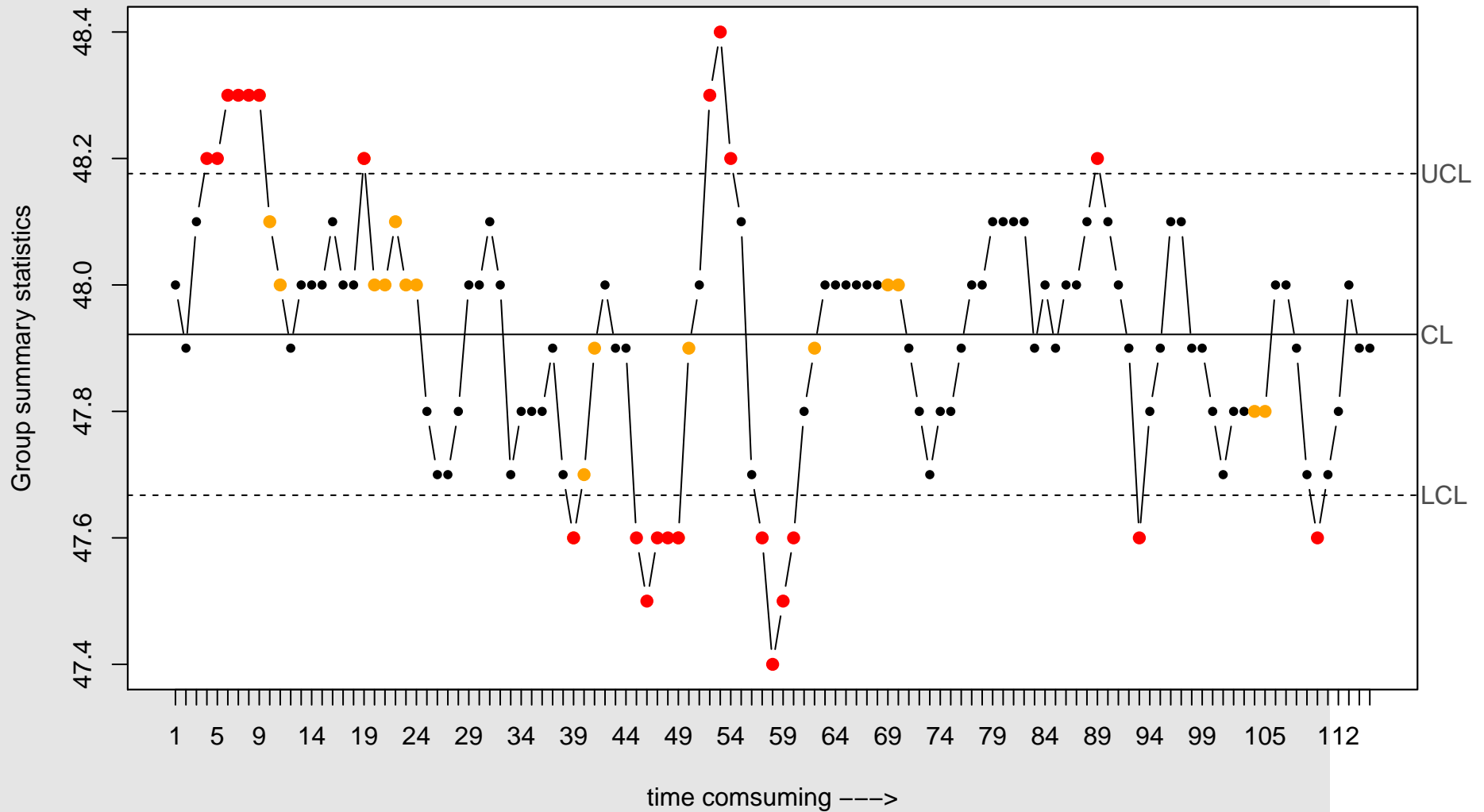


Number of groups = 115
 Center = 47.90087
 StdDev = 0.09254075

LCL = 47.62325
 UCL = 48.17849

Number beyond limits = 26
 Number violating runs = 25

115th column point of this product



Number of groups = 115

Center = 47.92174

StdDev = 0.08476422

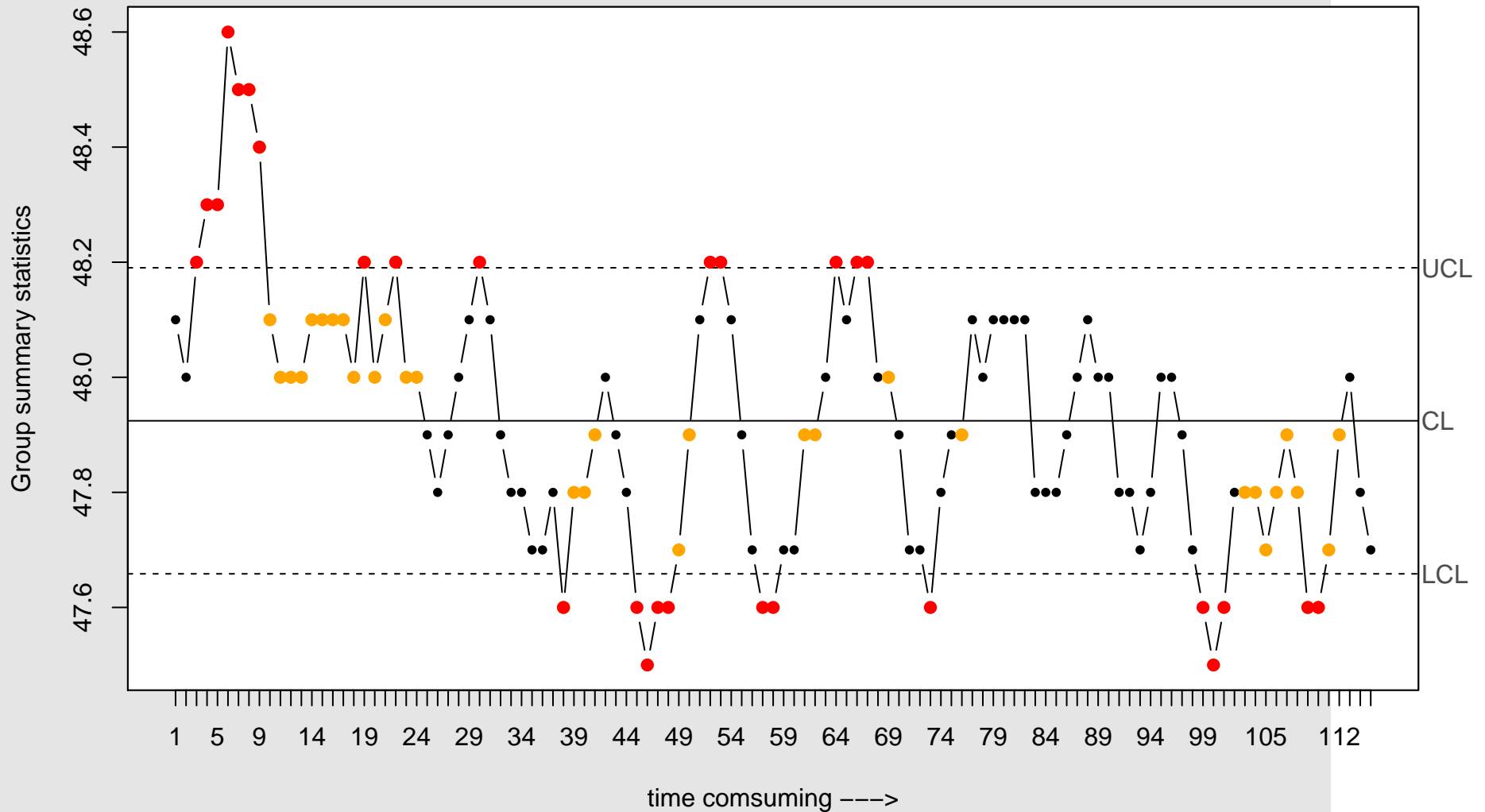
LCL = 47.66745

UCL = 48.17603

Number beyond limits = 23

Number violating runs = 19

116th column point of this product



Number of groups = 115

Center = 47.92435

StdDev = 0.08865248

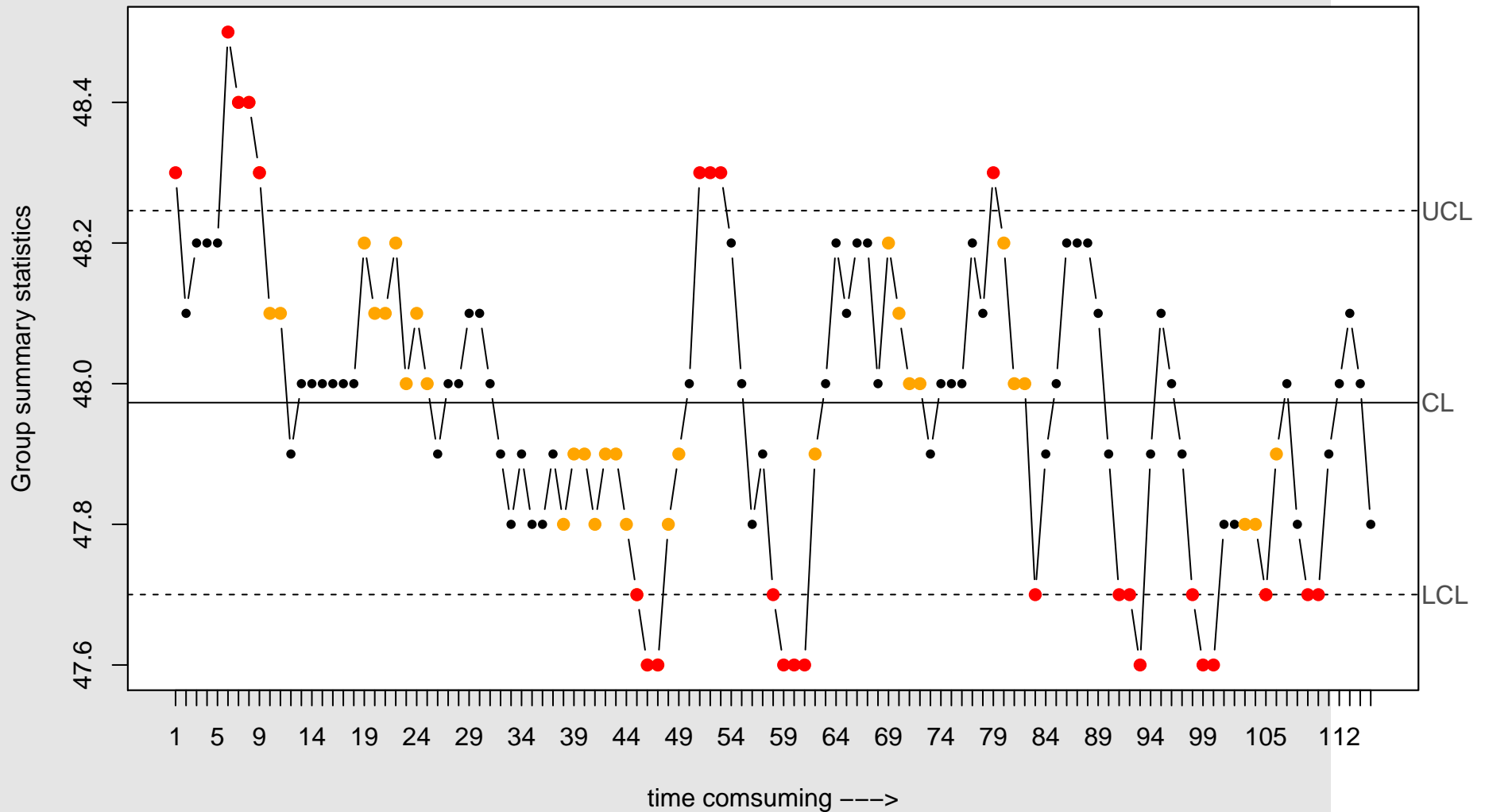
LCL = 47.65839

UCL = 48.19031

Number beyond limits = 28

Number violating runs = 38

117th column point of this product

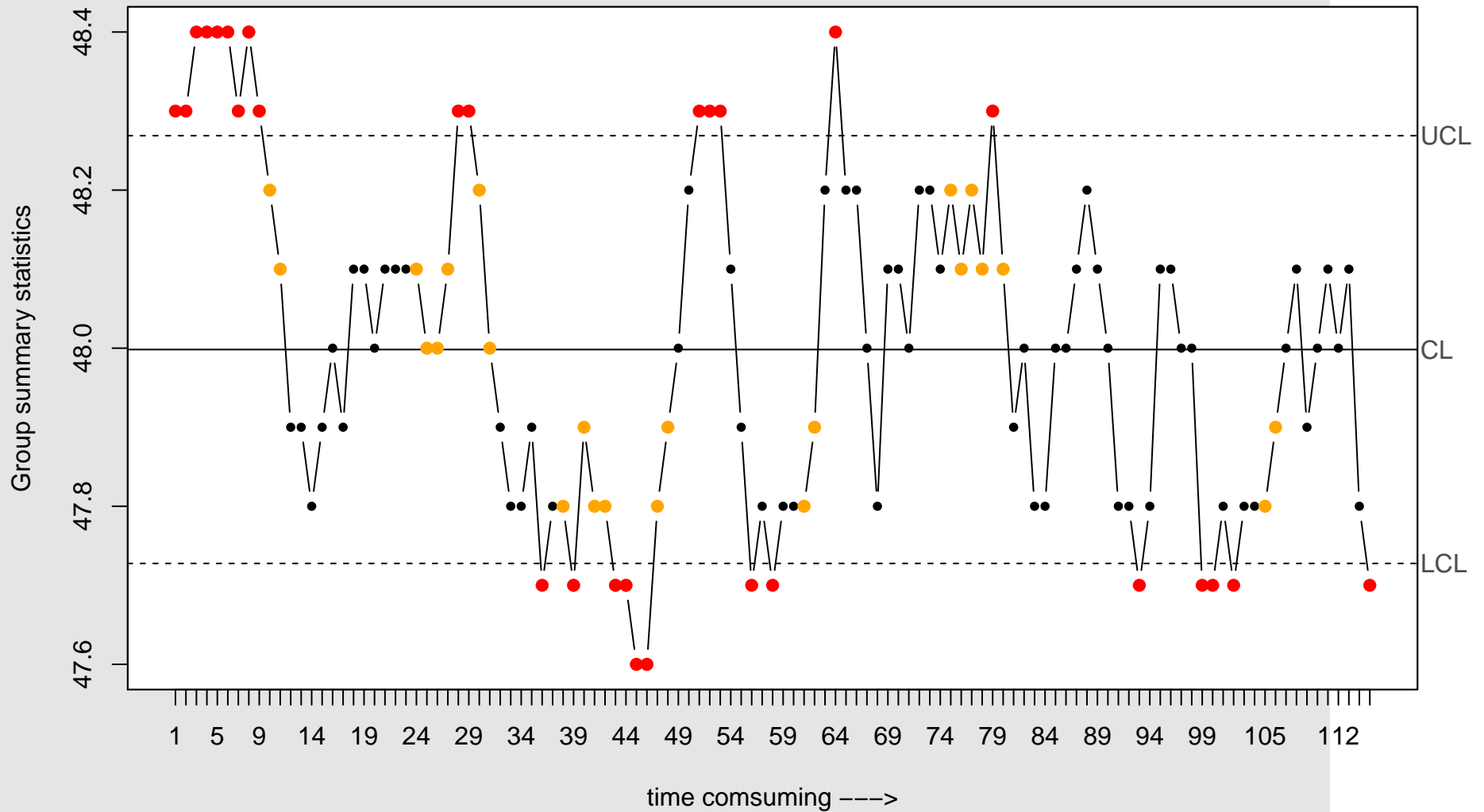


Number of groups = 115
Center = 47.97304
StdDev = 0.09098544

LCL = 47.70009
UCL = 48.246

Number beyond limits = 26
Number violating runs = 36

118th column point of this product

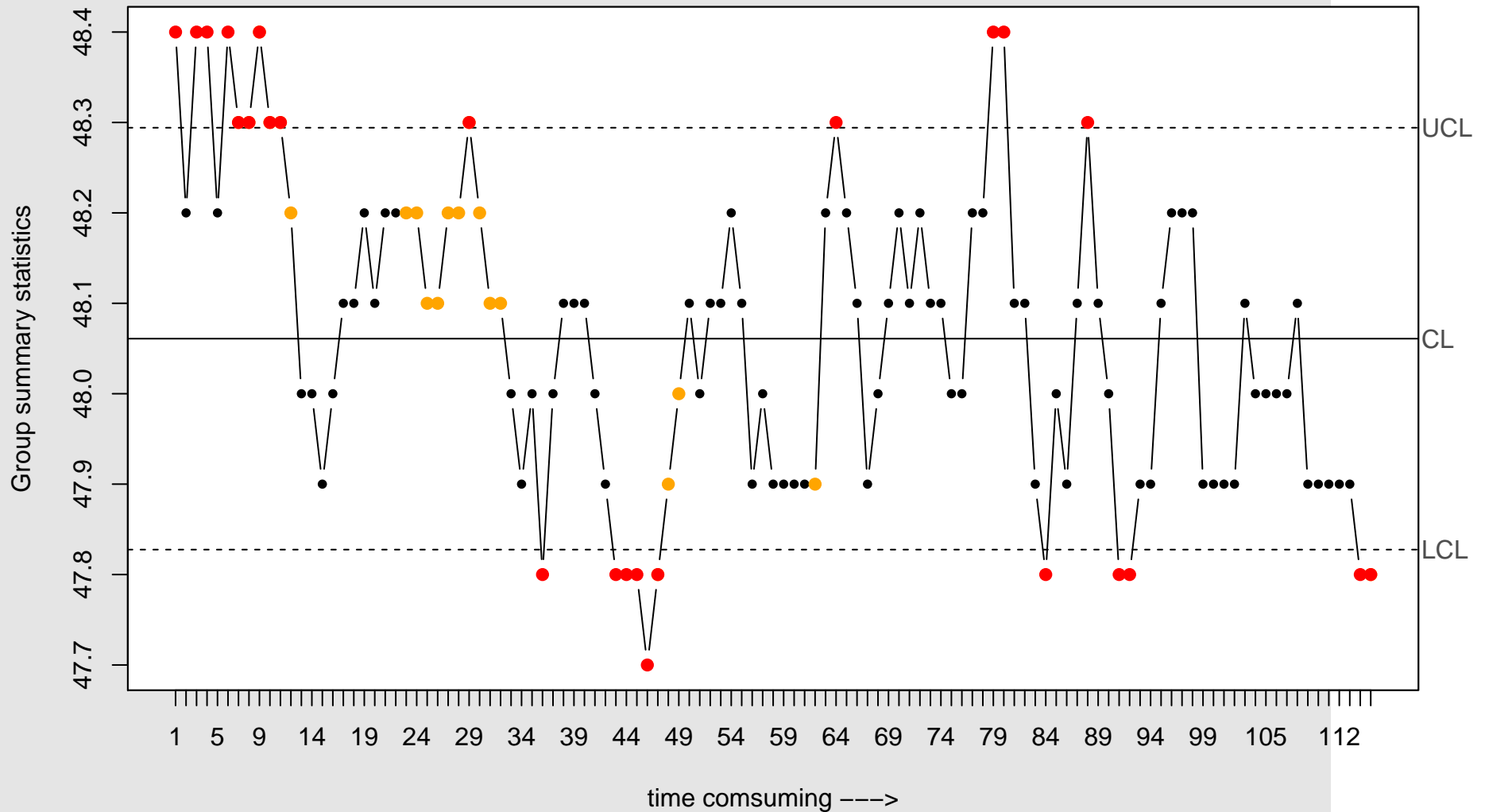


Number of groups = 115
 Center = 47.99826
 StdDev = 0.09020779

LCL = 47.72764
 UCL = 48.26888

Number beyond limits = 29
 Number violating runs = 34

119th column point of this product

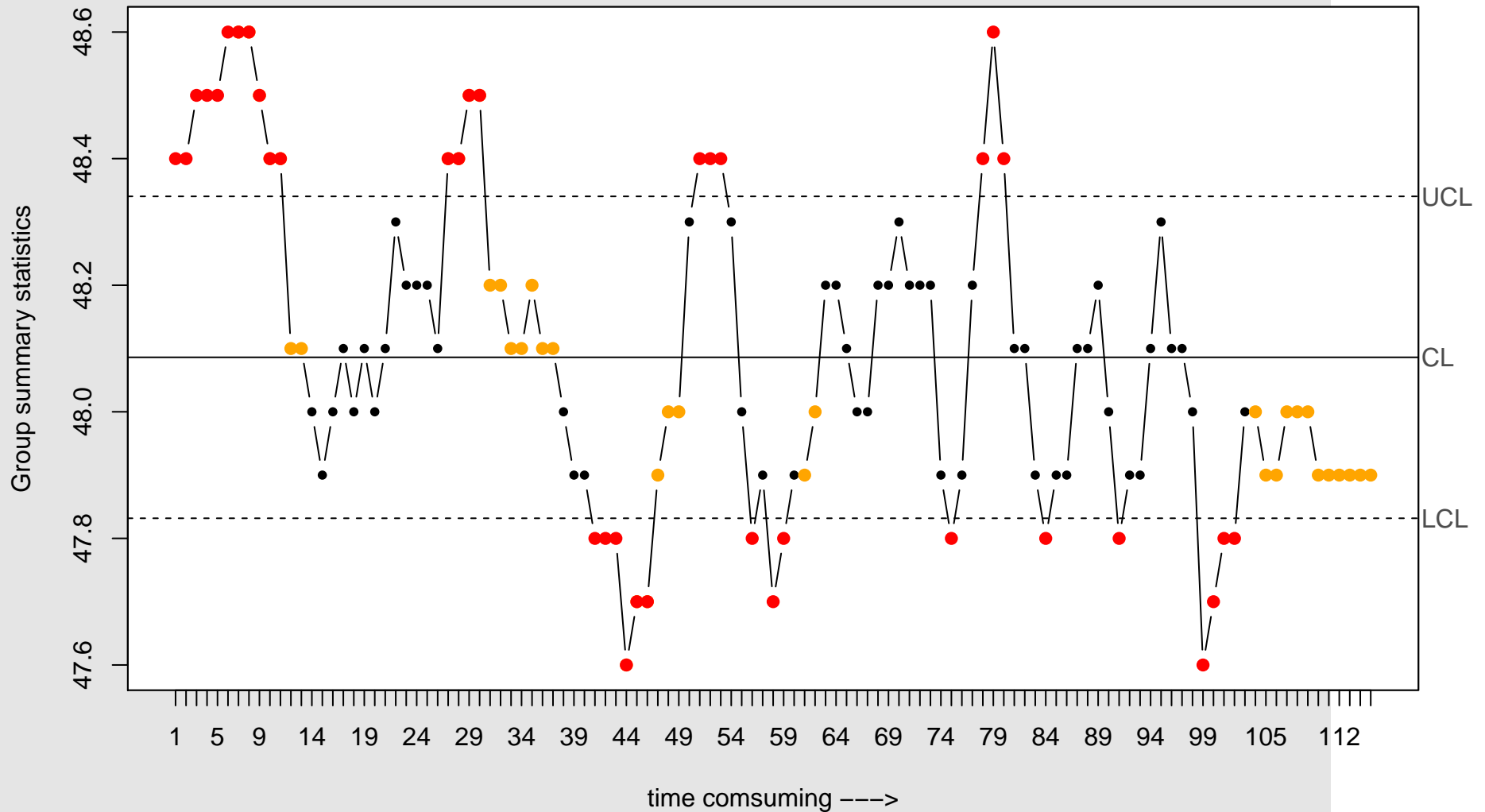


Number of groups = 115
 Center = 48.06087
 StdDev = 0.07776534

LCL = 47.82757
 UCL = 48.29417

Number beyond limits = 25
 Number violating runs = 21

120th column point of this product



Number of groups = 115

Center = 48.08609

StdDev = 0.08476422

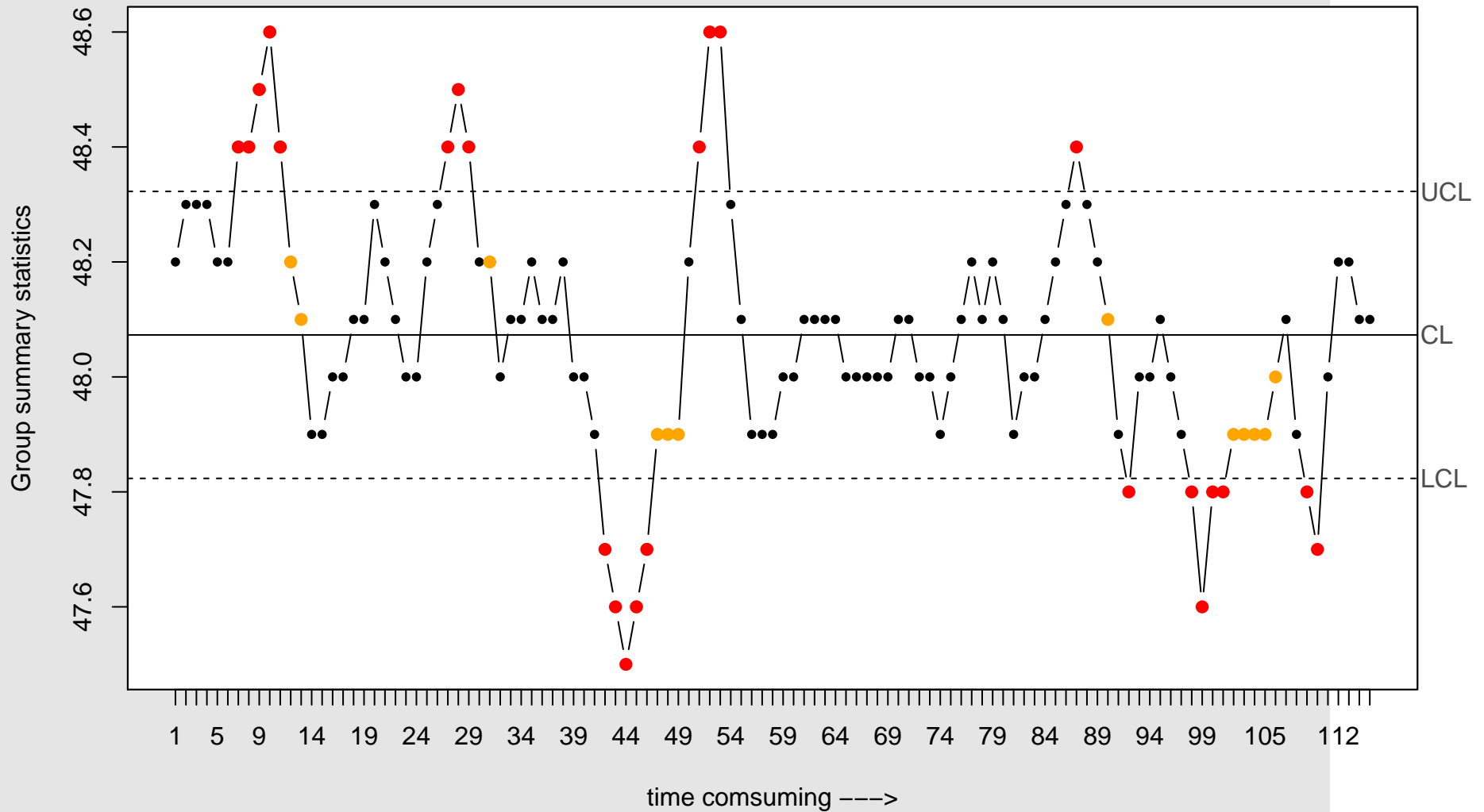
LCL = 47.83179

UCL = 48.34038

Number beyond limits = 37

Number violating runs = 38

121th column point of this product

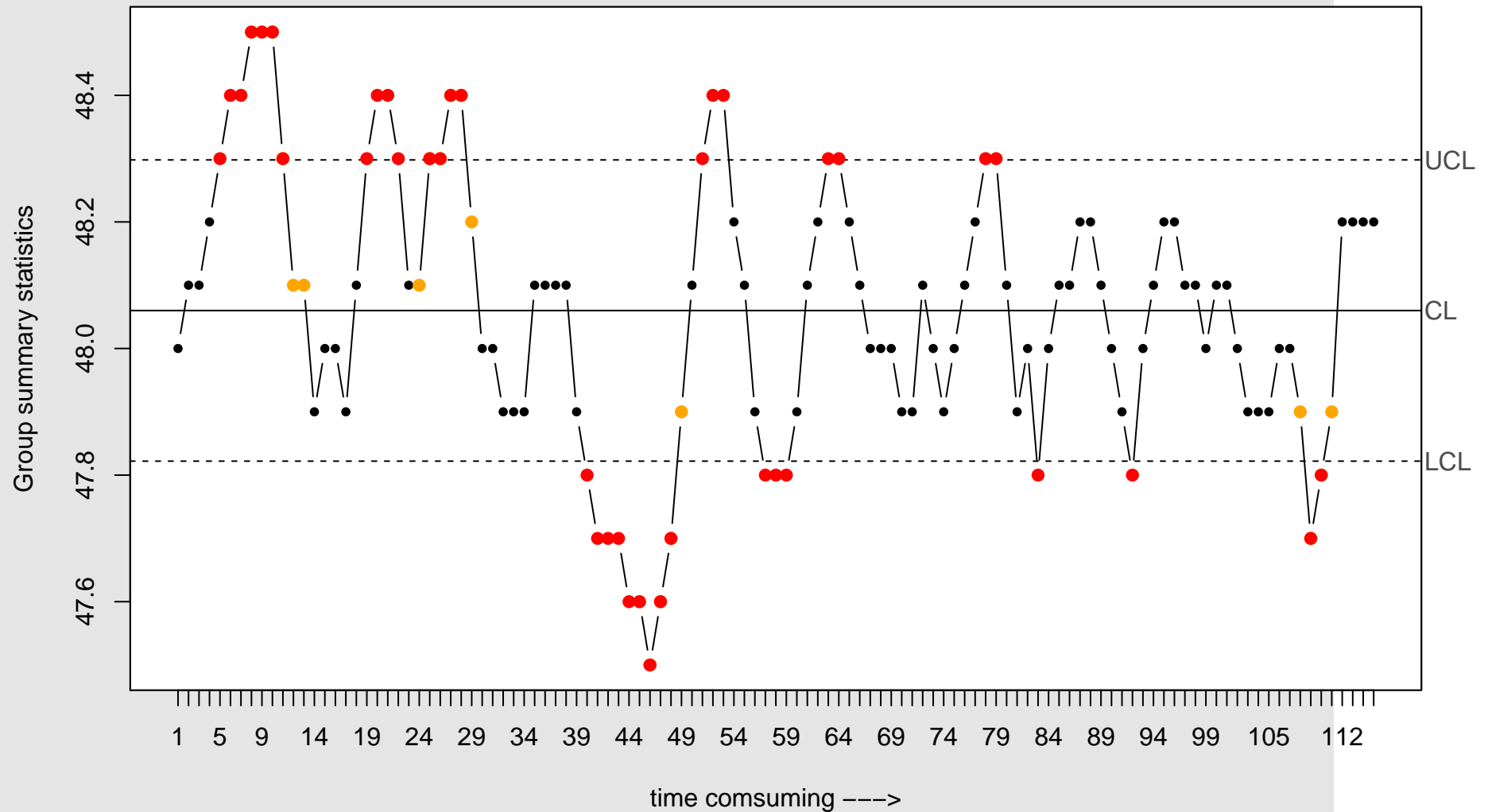


Number of groups = 115
 Center = 48.07304
 StdDev = 0.08320891

LCL = 47.82342
 UCL = 48.32267

Number beyond limits = 24
 Number violating runs = 19

122th column point of this product

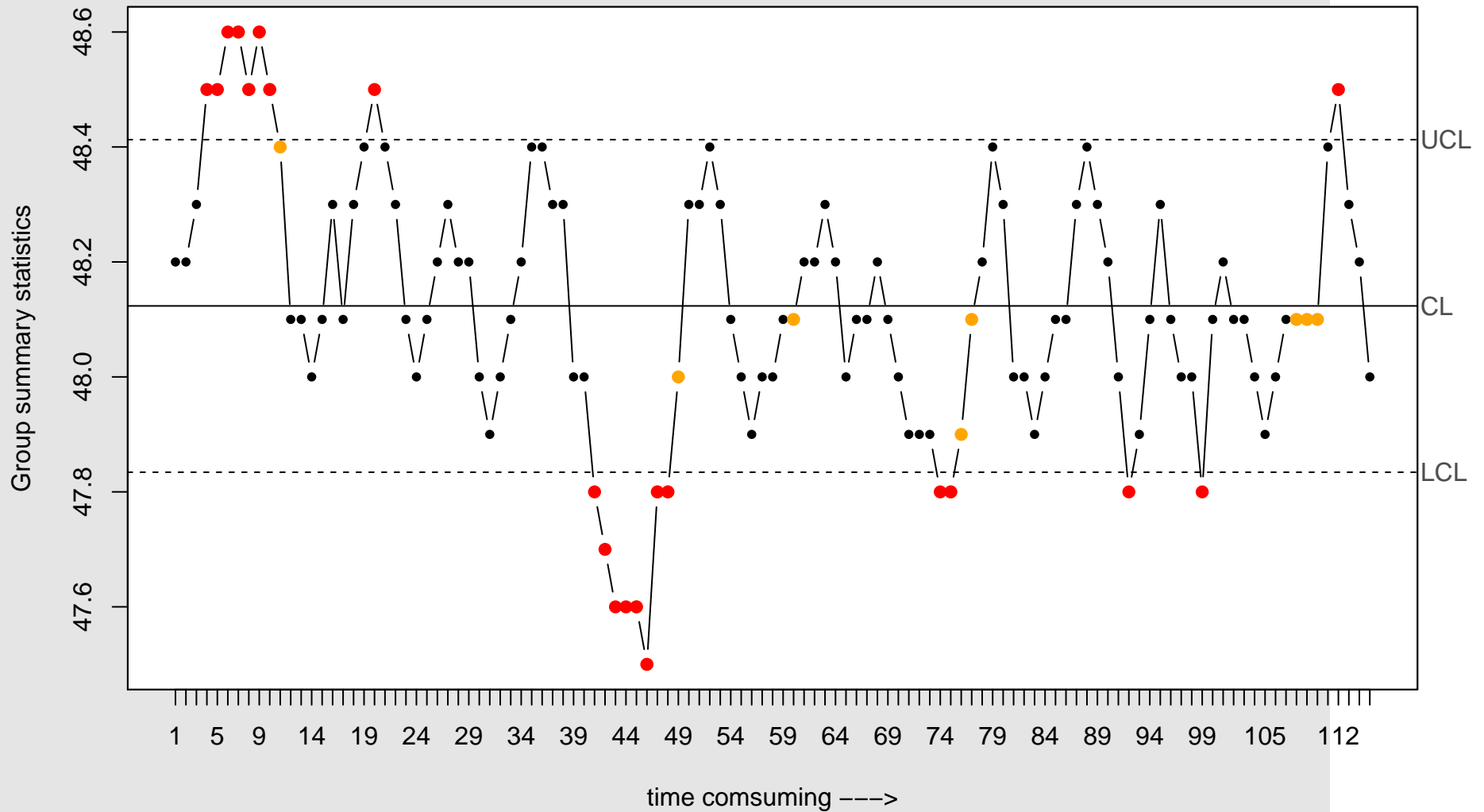


Number of groups = 115
Center = 48.06
StdDev = 0.07932064

LCL = 47.82204
UCL = 48.29796

Number beyond limits = 38
Number violating runs = 21

123th column point of this product

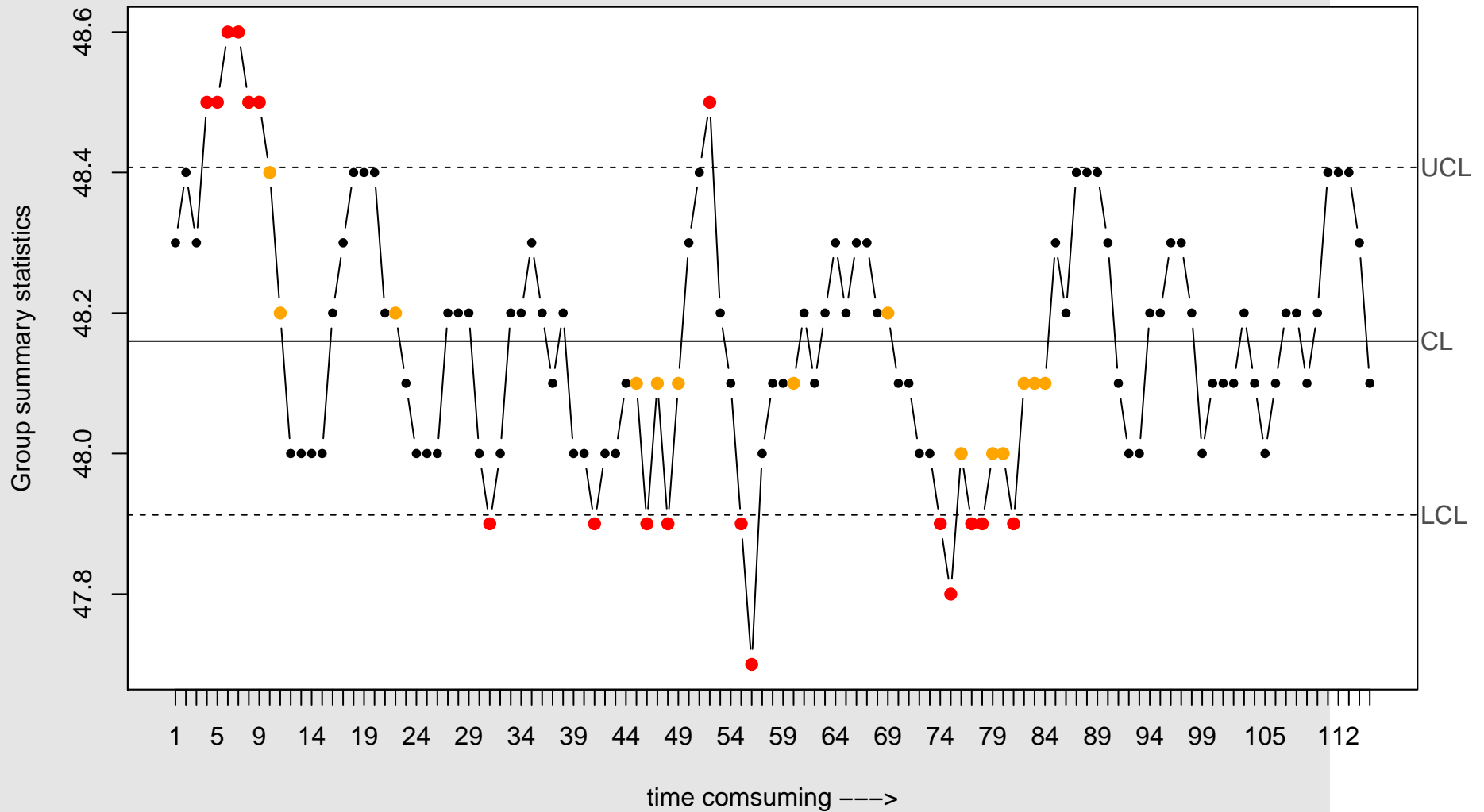


Number of groups = 115
 Center = 48.12348
 StdDev = 0.09642902

LCL = 47.83419
 UCL = 48.41277

Number beyond limits = 21
 Number violating runs = 17

124th column point of this product



Number of groups = 115

Center = 48.16

StdDev = 0.08243126

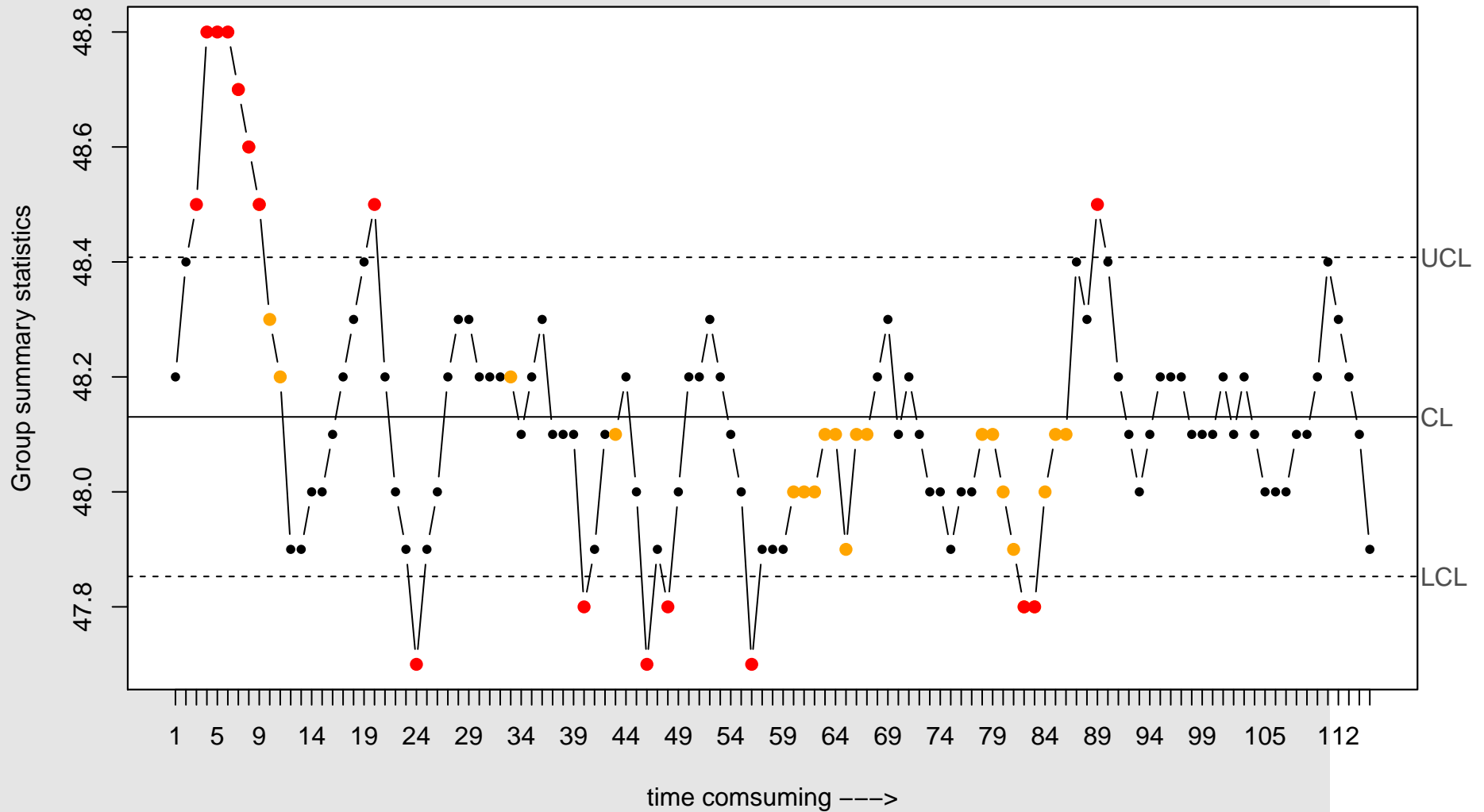
LCL = 47.91271

UCL = 48.40729

Number beyond limits = 18

Number violating runs = 22

125th column point of this product

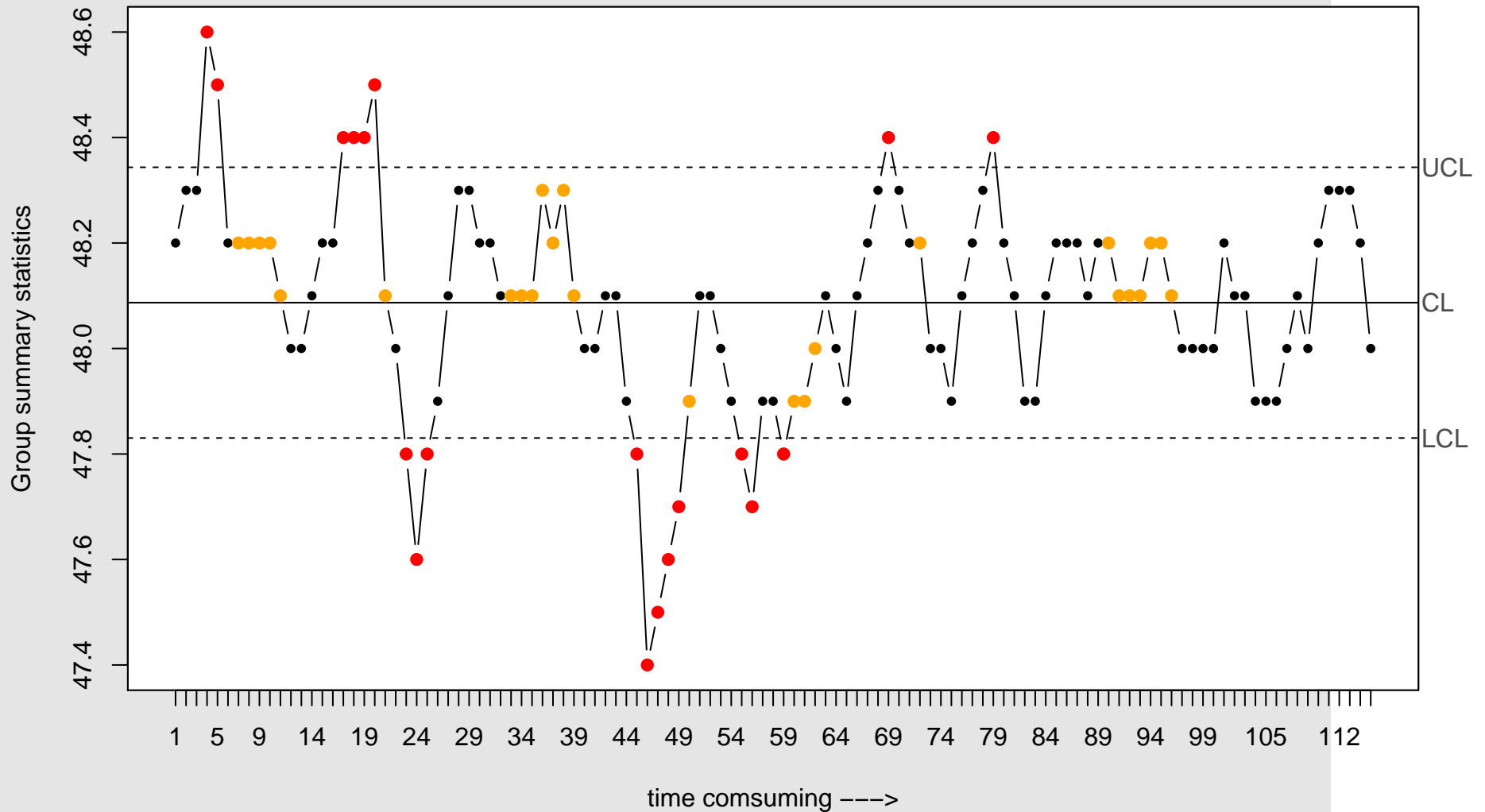


Number of groups = 115
 Center = 48.13043
 StdDev = 0.09254075

LCL = 47.85281
 UCL = 48.40806

Number beyond limits = 16
 Number violating runs = 24

126th column point of this product

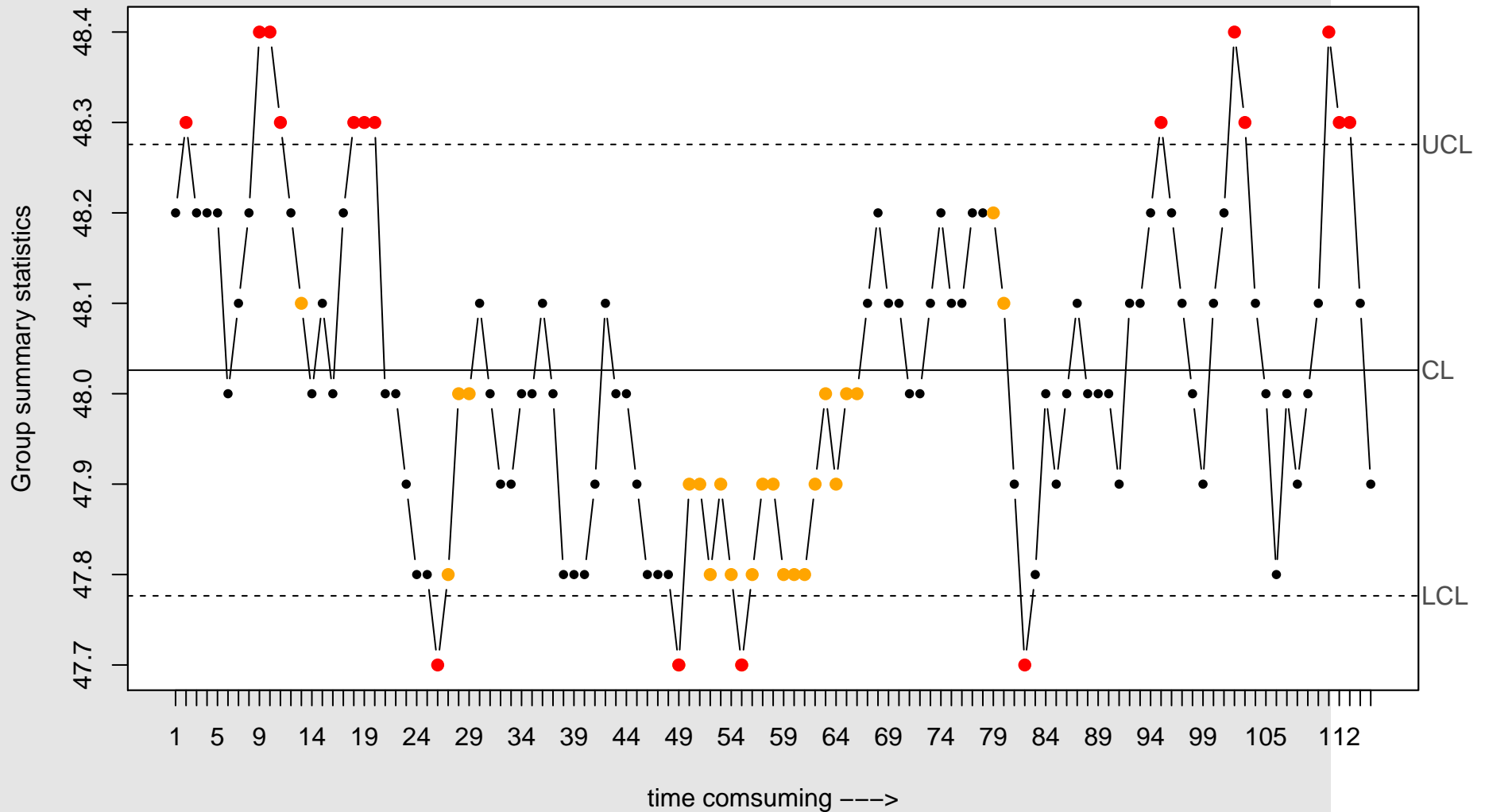


Number of groups = 115
 Center = 48.08696
 StdDev = 0.08554187

LCL = 47.83033
 UCL = 48.34358

Number beyond limits = 19
 Number violating runs = 27

127th column point of this product



Number of groups = 115

Center = 48.02609

StdDev = 0.08320891

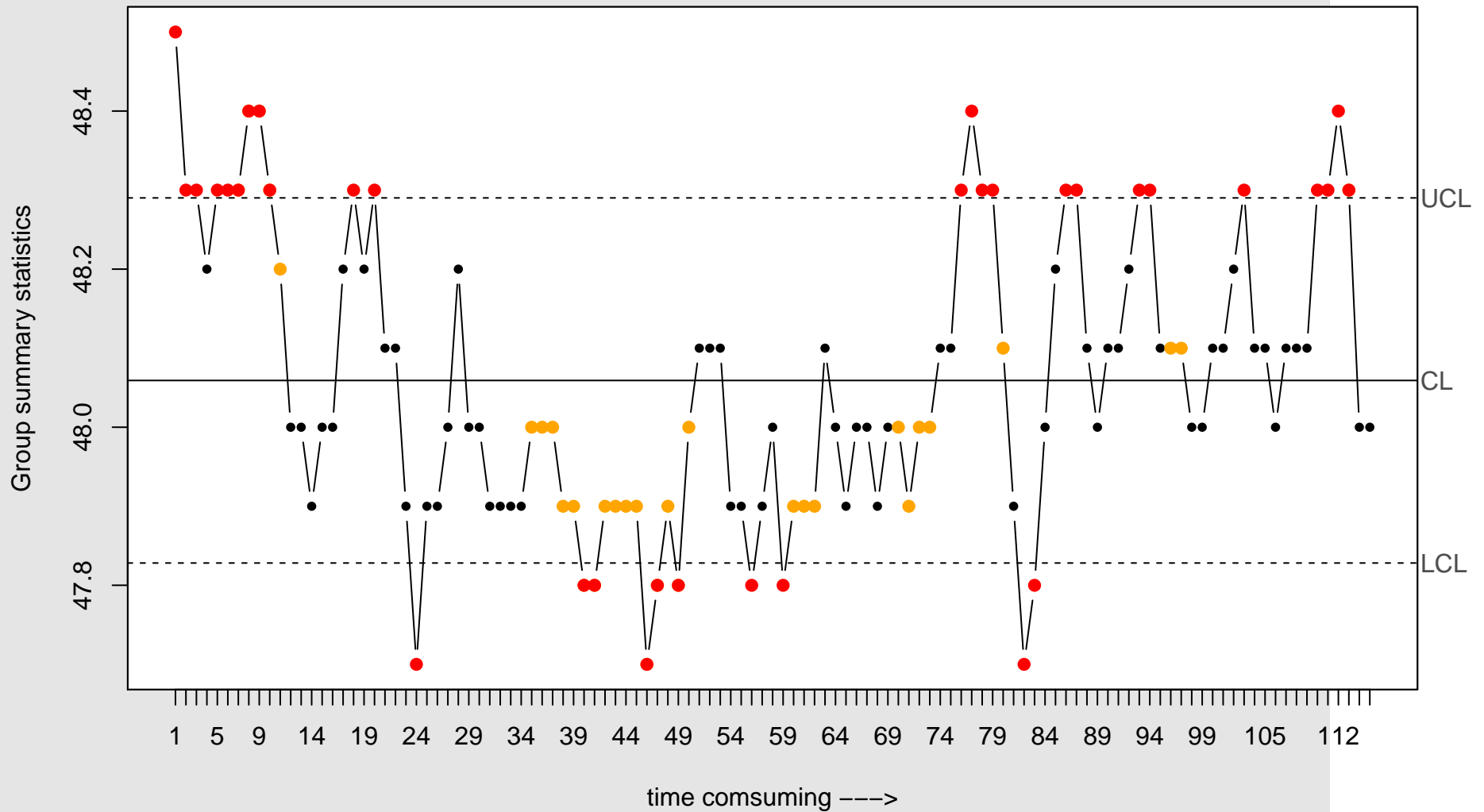
LCL = 47.77646

UCL = 48.27571

Number beyond limits = 17

Number violating runs = 24

128th column point of this product

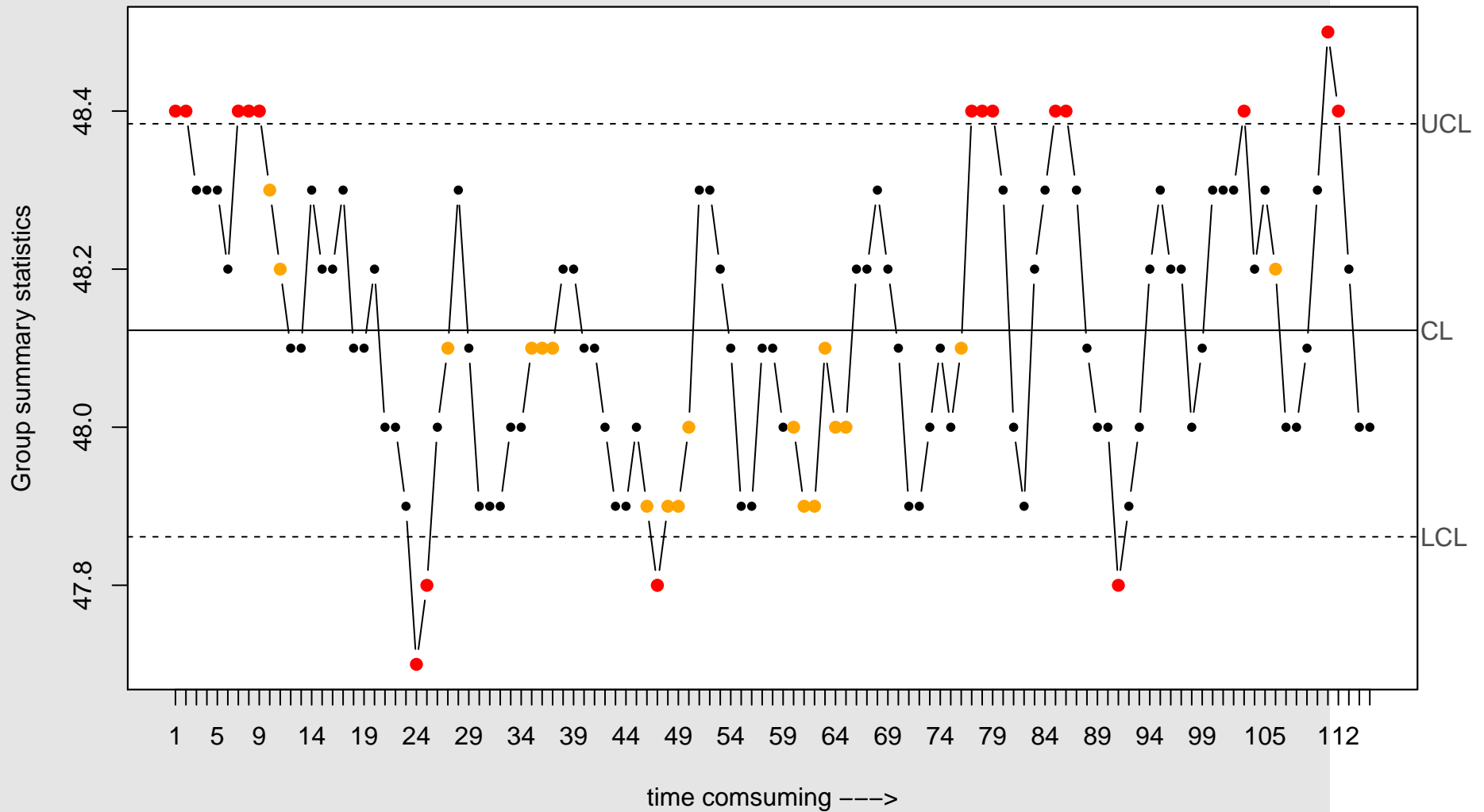


Number of groups = 115
 Center = 48.05913
 StdDev = 0.07698768

LCL = 47.82817
 UCL = 48.29009

Number beyond limits = 34
 Number violating runs = 32

129th column point of this product



Number of groups = 115

Center = 48.12261

StdDev = 0.08709718

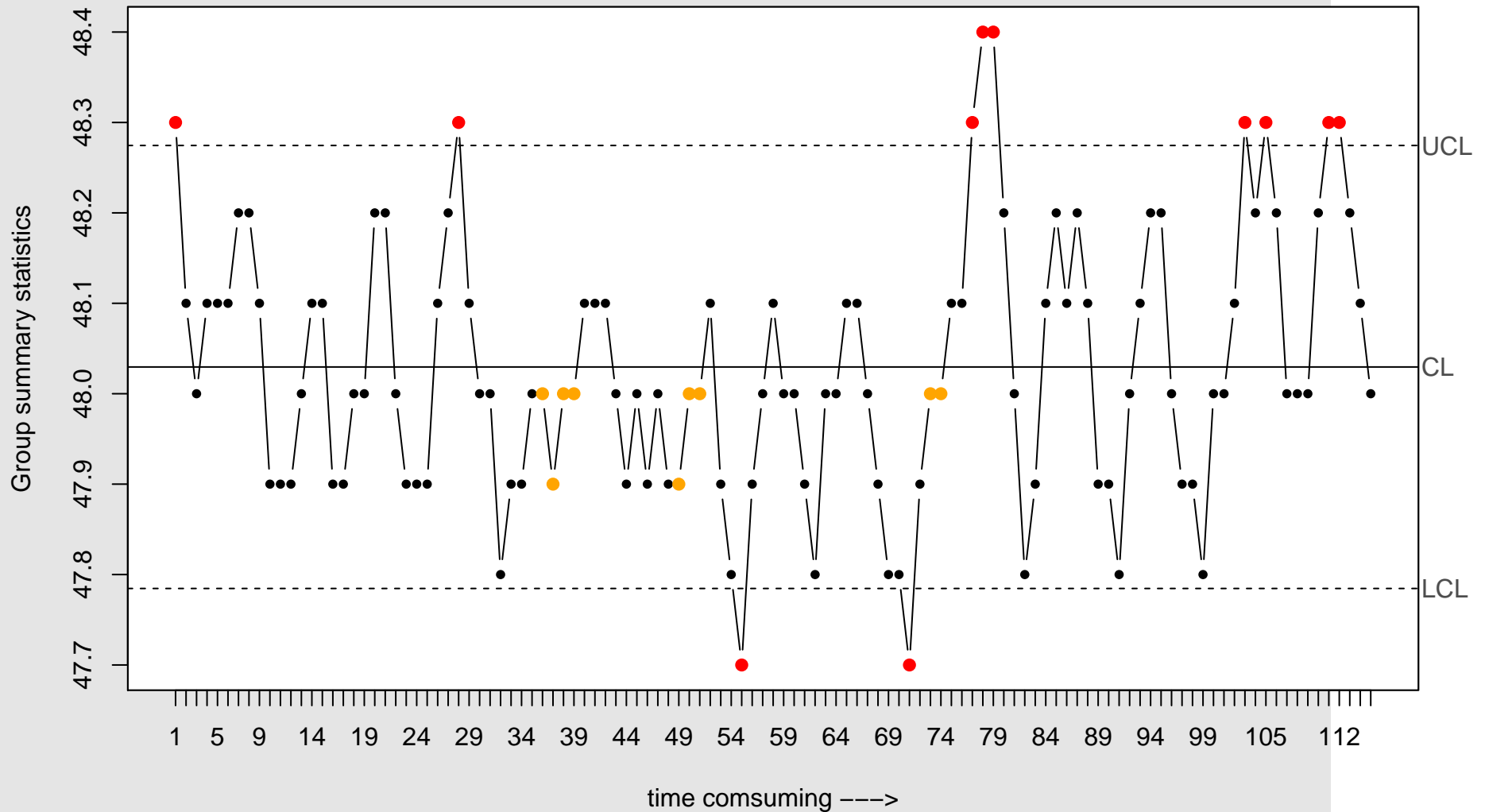
LCL = 47.86132

UCL = 48.3839

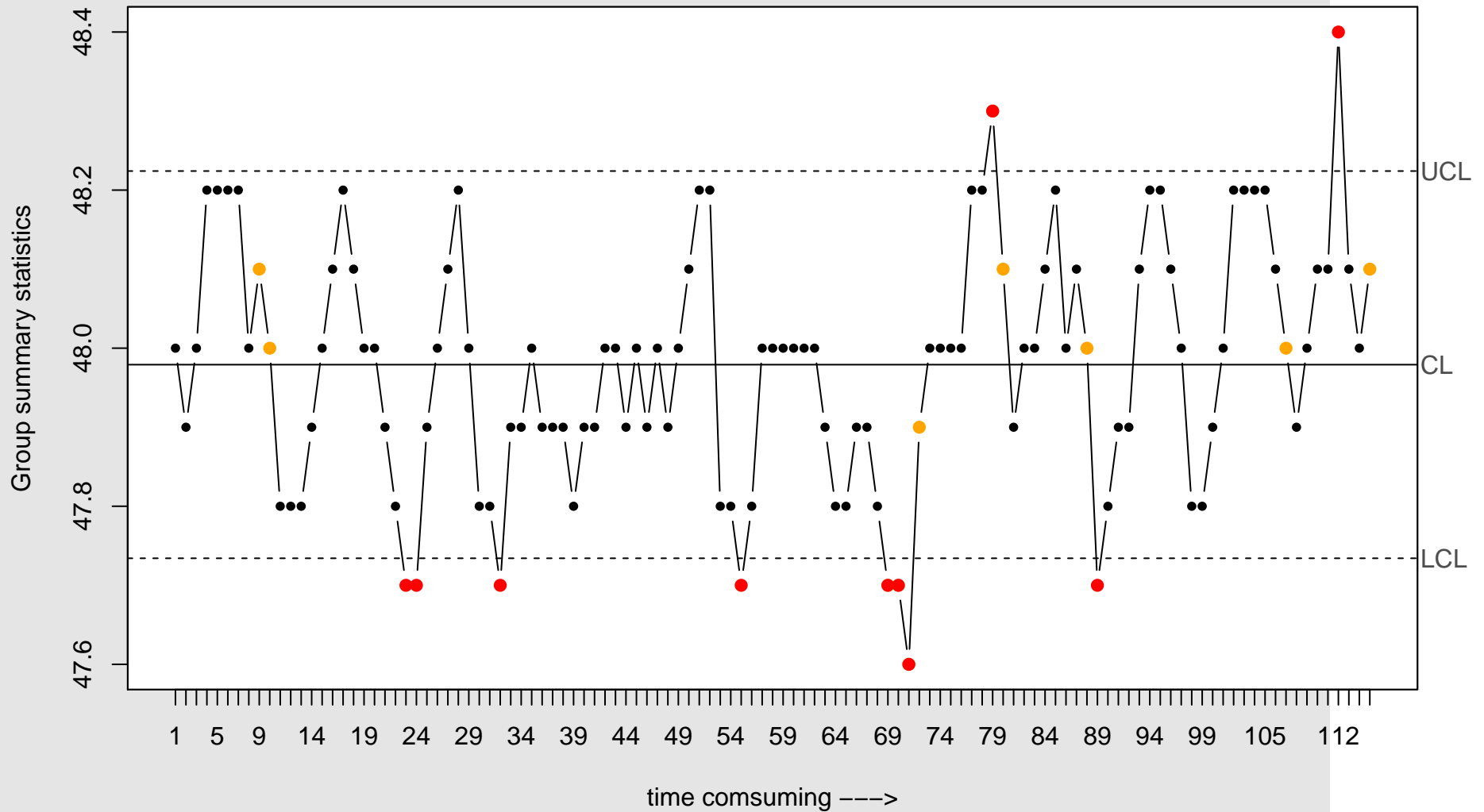
Number beyond limits = 17

Number violating runs = 22

130th column point of this product



131th column point of this product

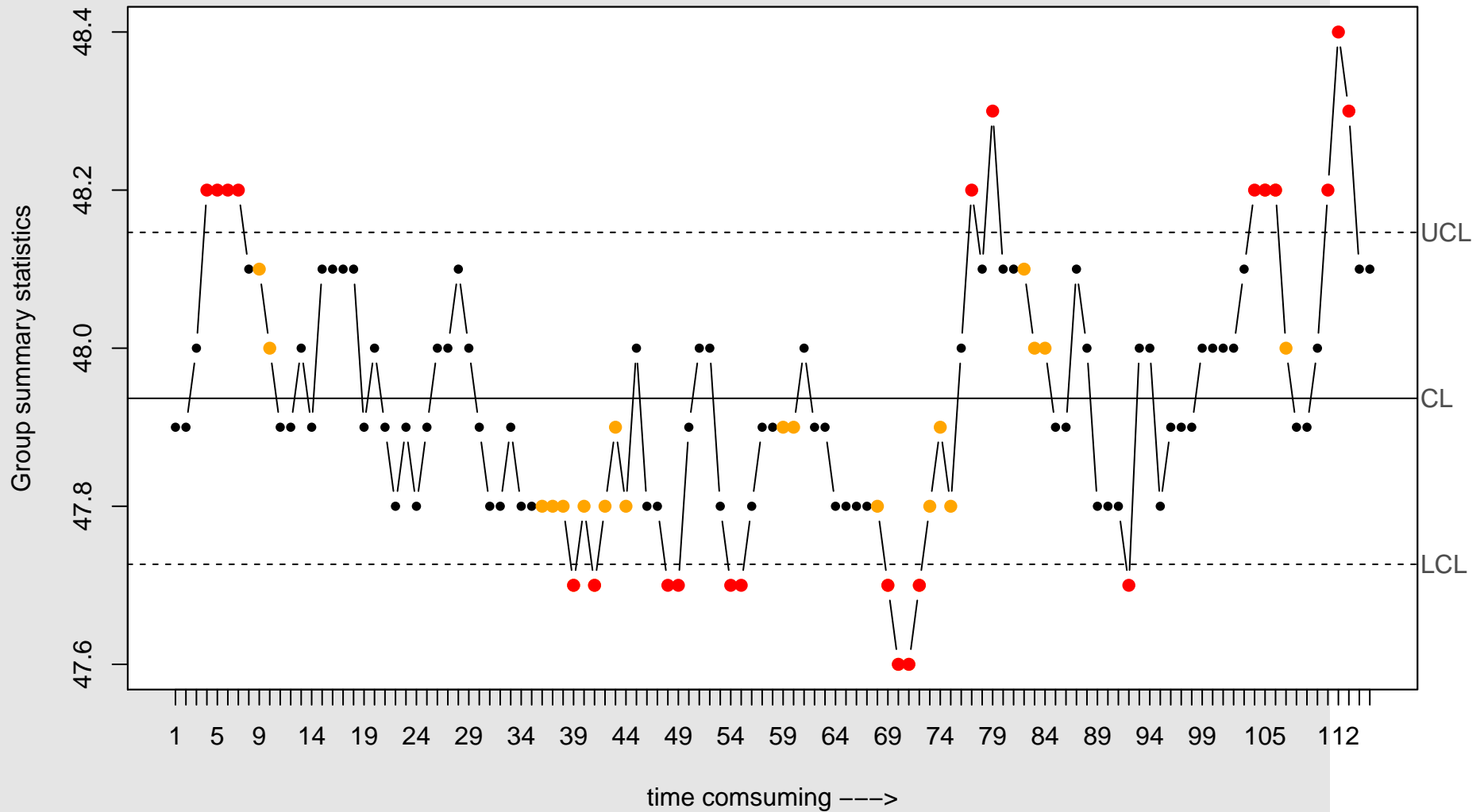


Number of groups = 115
 Center = 47.97913
 StdDev = 0.0816536

LCL = 47.73417
 UCL = 48.22409

Number beyond limits = 10
 Number violating runs = 11

132th column point of this product

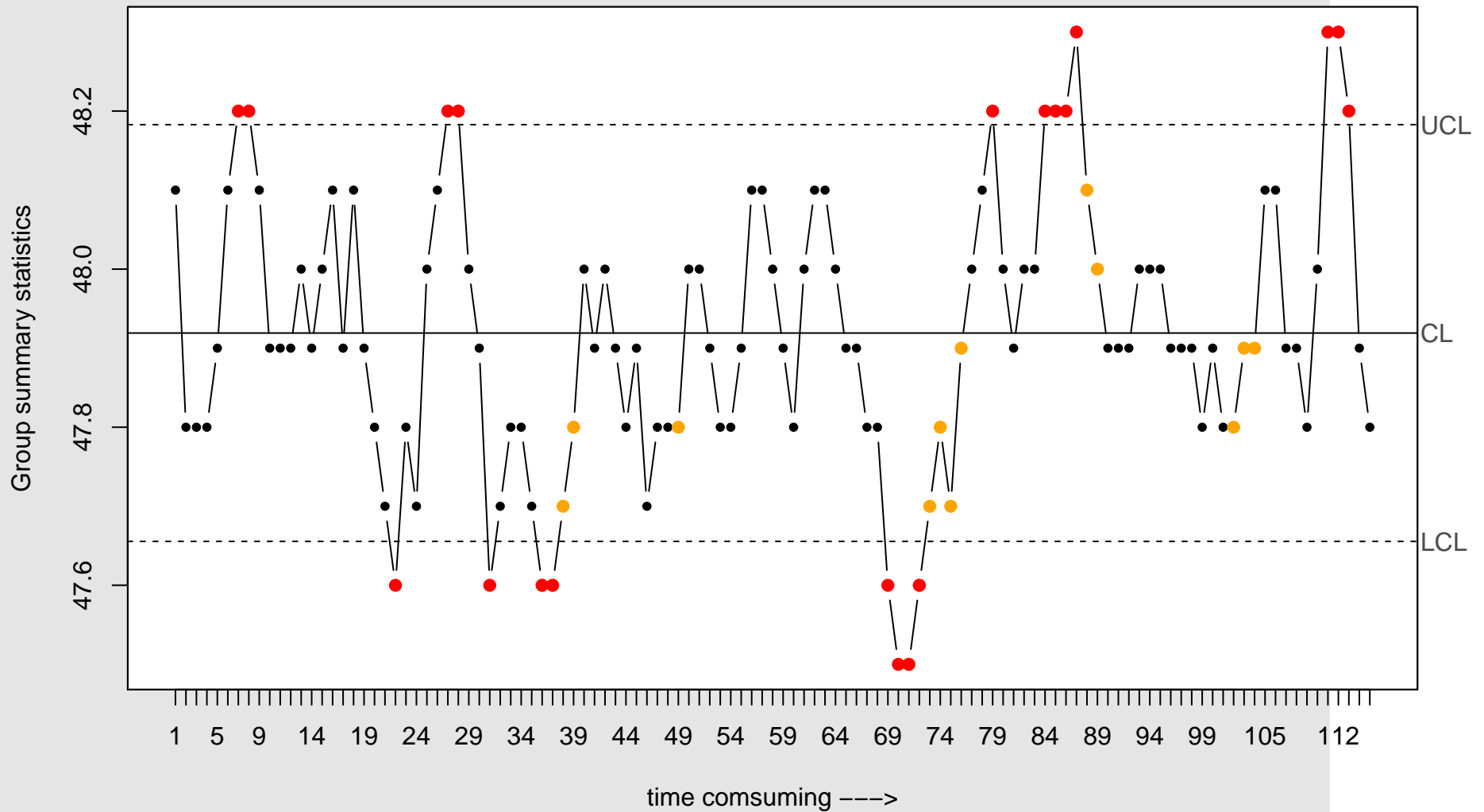


Number of groups = 115
 Center = 47.93652
 StdDev = 0.0699888

LCL = 47.72656
 UCL = 48.14649

Number beyond limits = 23
 Number violating runs = 27

133th column point of this product



Number of groups = 115

Center = 47.91913

StdDev = 0.08787483

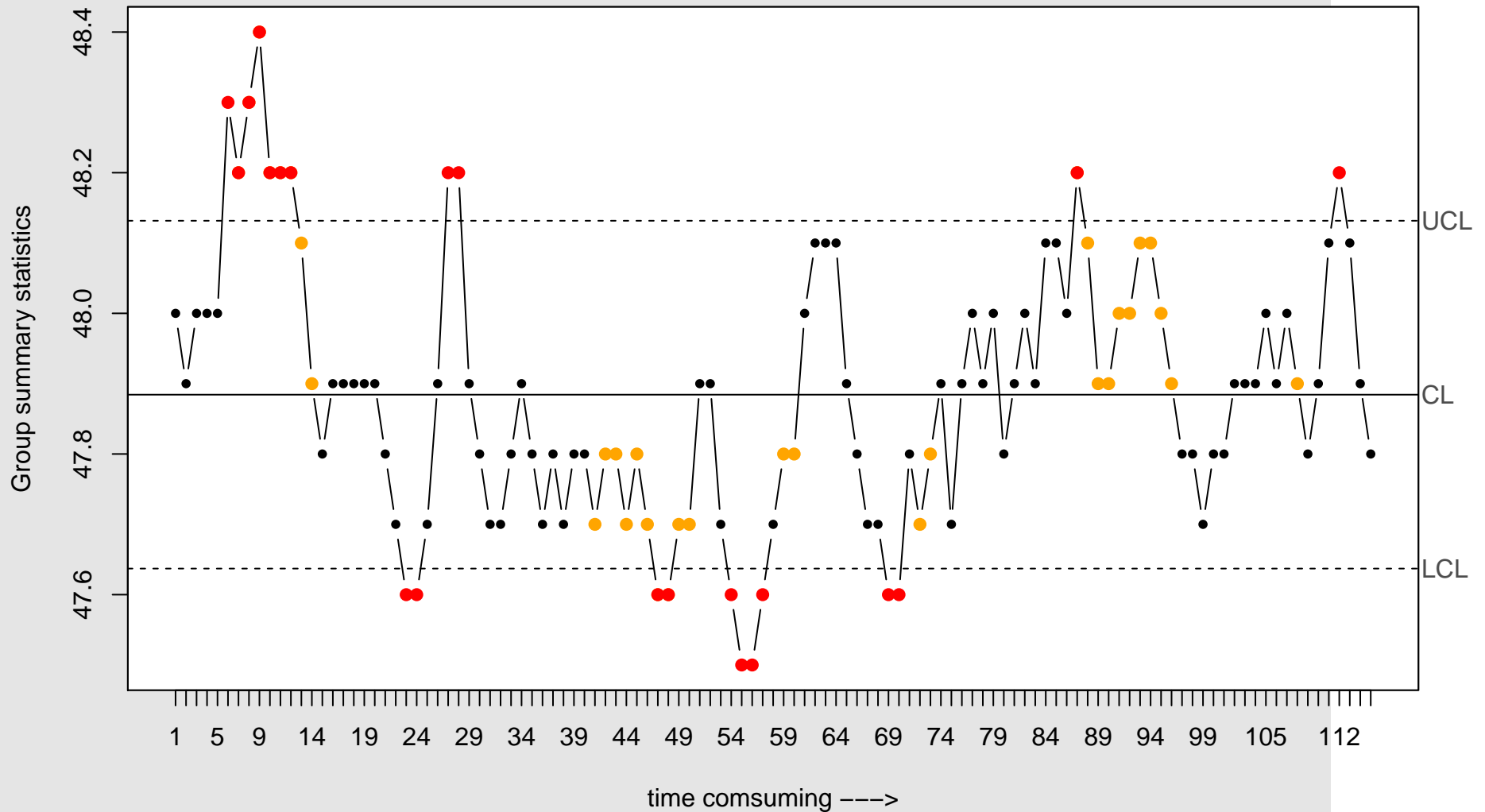
LCL = 47.65551

UCL = 48.18275

Number beyond limits = 20

Number violating runs = 16

134th column point of this product



Number of groups = 115

Center = 47.88435

StdDev = 0.08243126

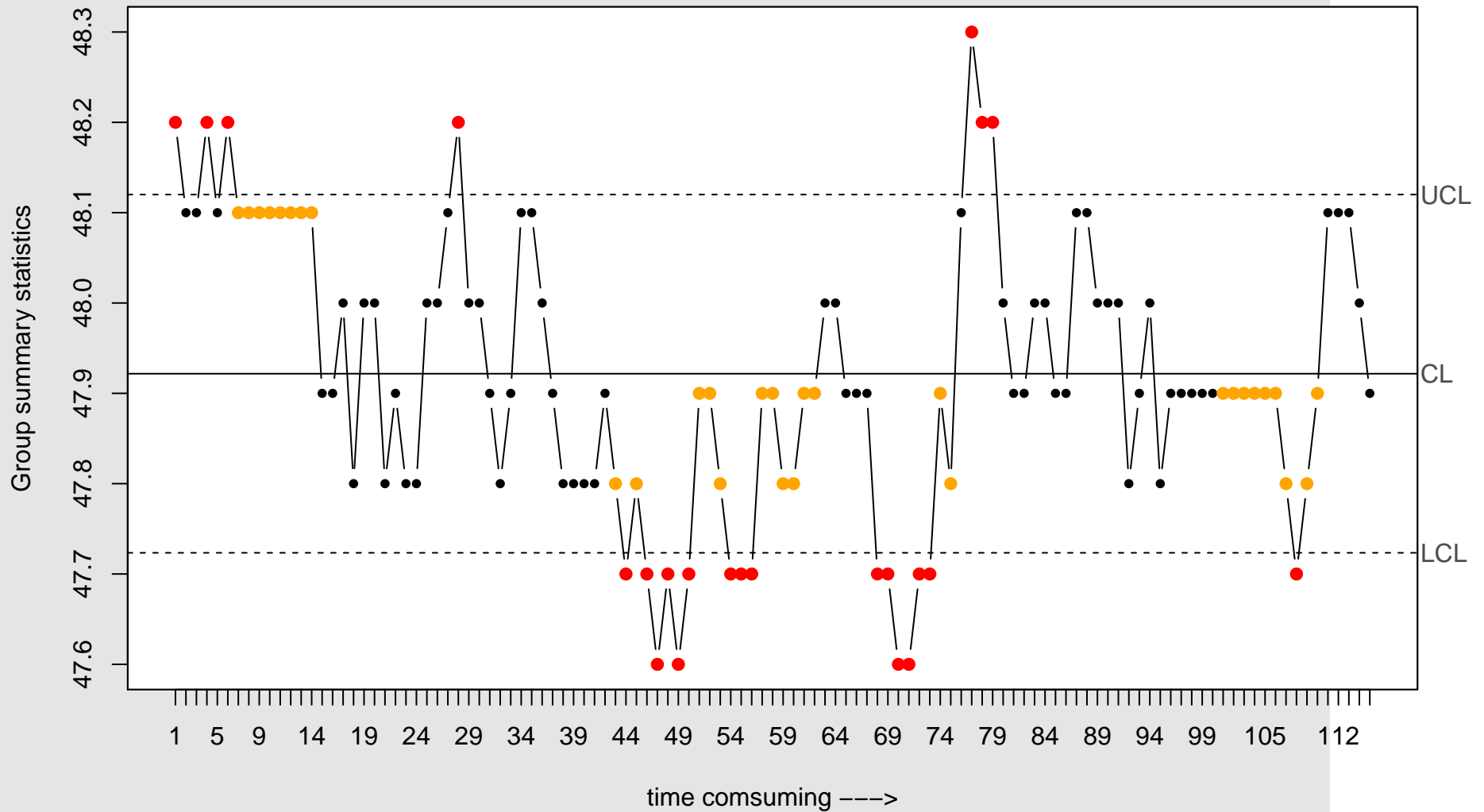
LCL = 47.63705

UCL = 48.13164

Number beyond limits = 21

Number violating runs = 33

135th column point of this product

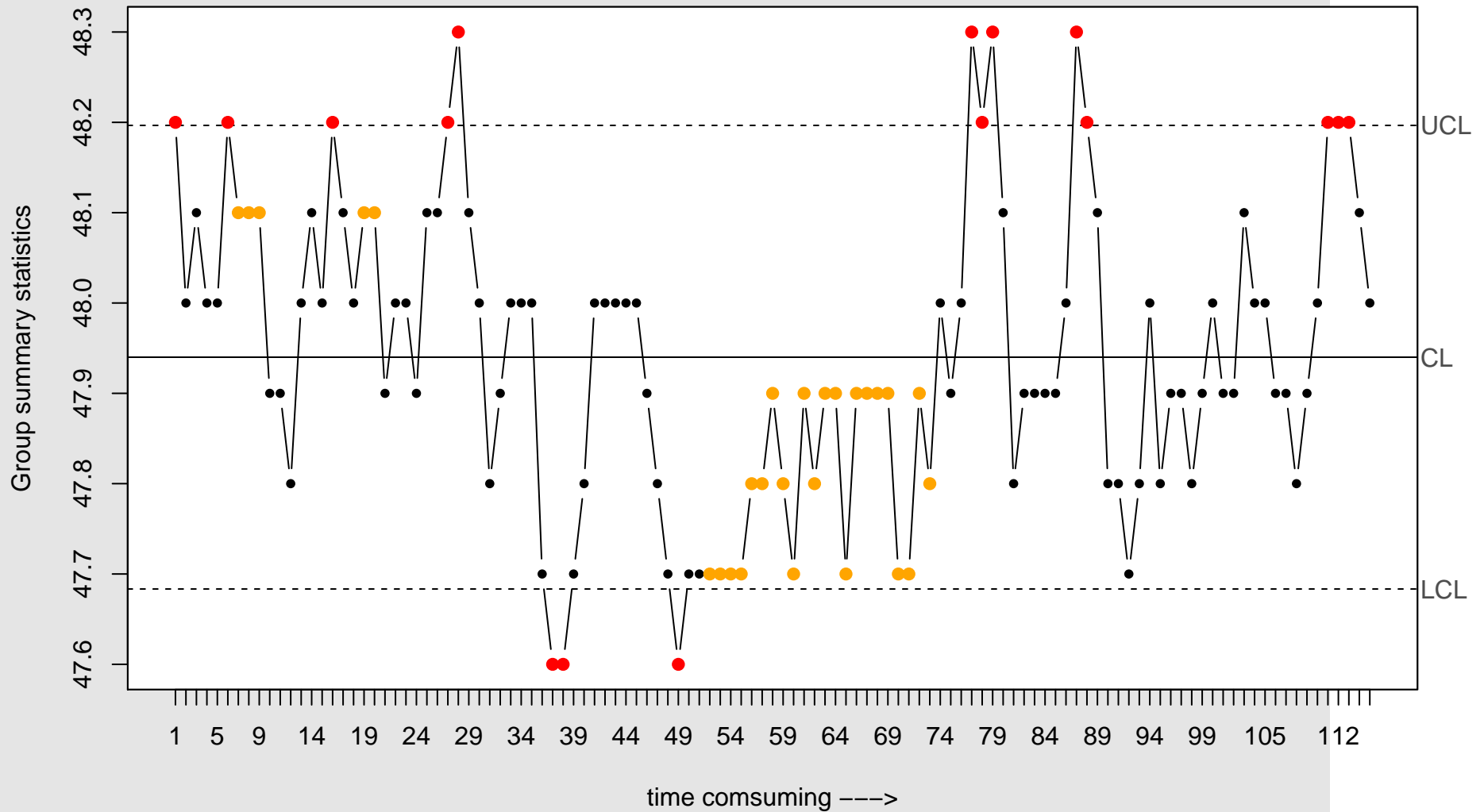


Number of groups = 115
 Center = 47.92174
 StdDev = 0.06610054

LCL = 47.72344
 UCL = 48.12004

Number beyond limits = 23
 Number violating runs = 43

136th column point of this product

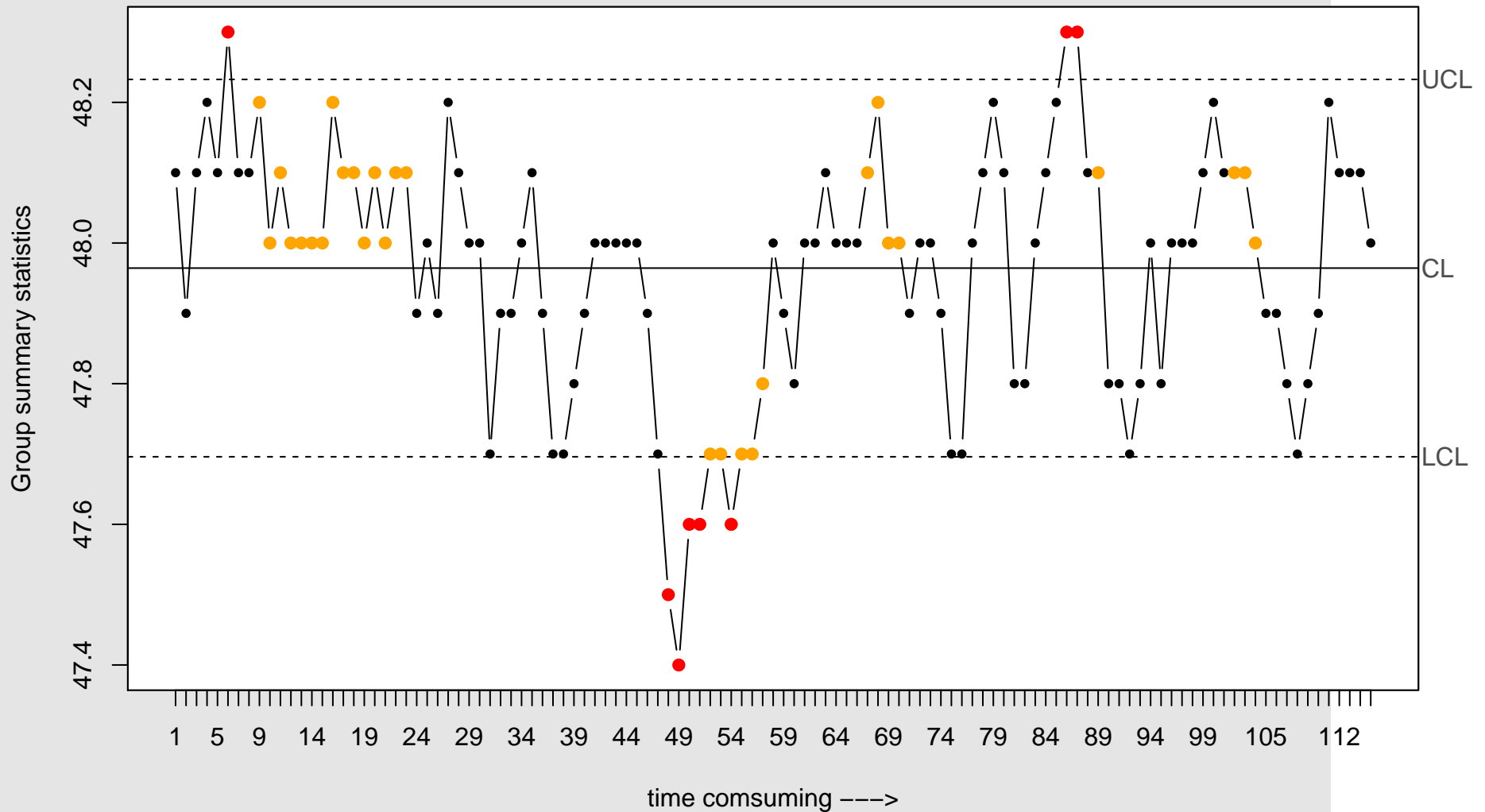


Number of groups = 115
Center = 47.94
StdDev = 0.08554187

LCL = 47.68337
UCL = 48.19663

Number beyond limits = 16
Number violating runs = 27

137th column point of this product

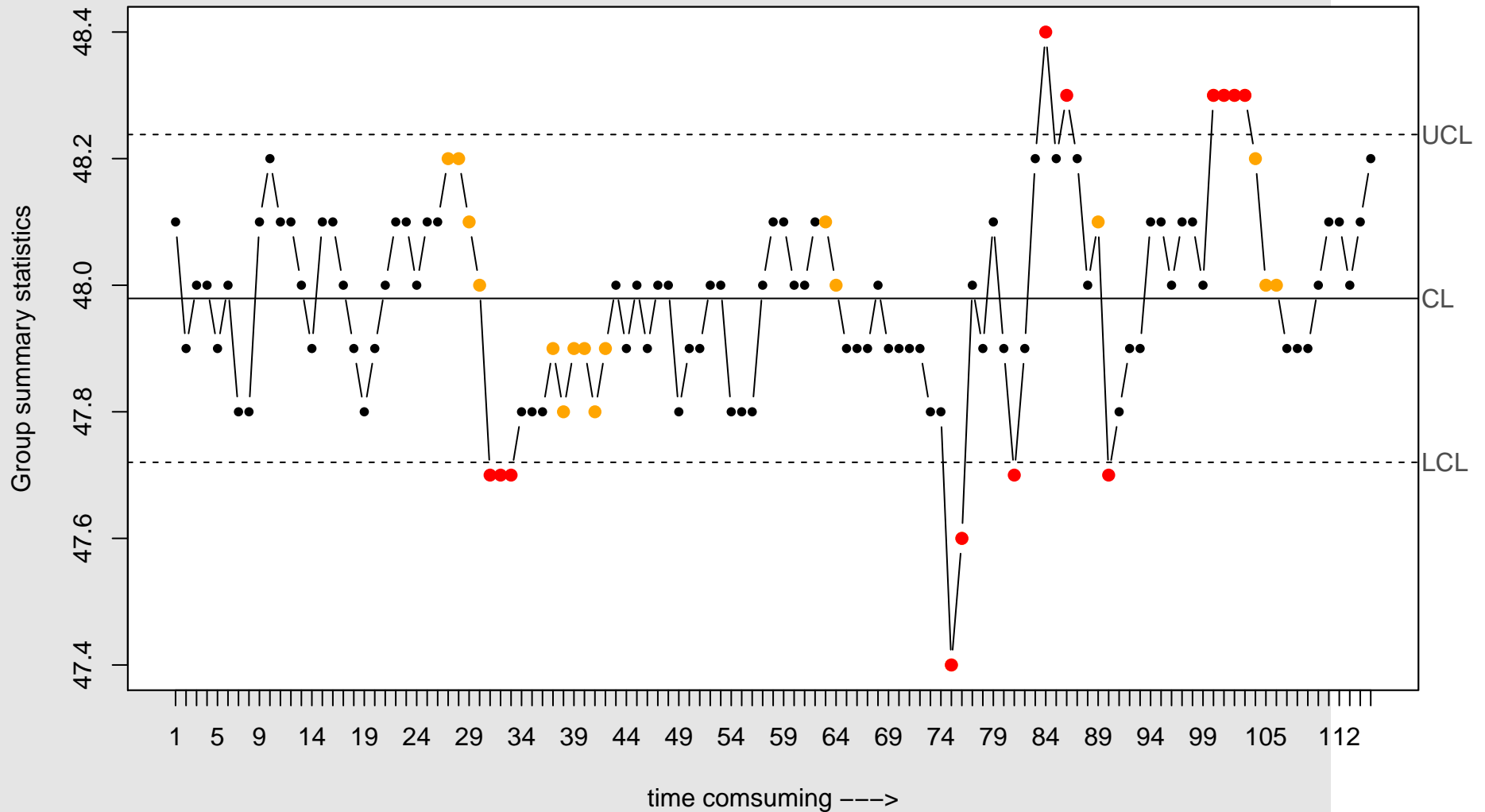


Number of groups = 115
 Center = 47.96435
 StdDev = 0.08943014

LCL = 47.69606
 UCL = 48.23264

Number beyond limits = 8
 Number violating runs = 29

138th column point of this product

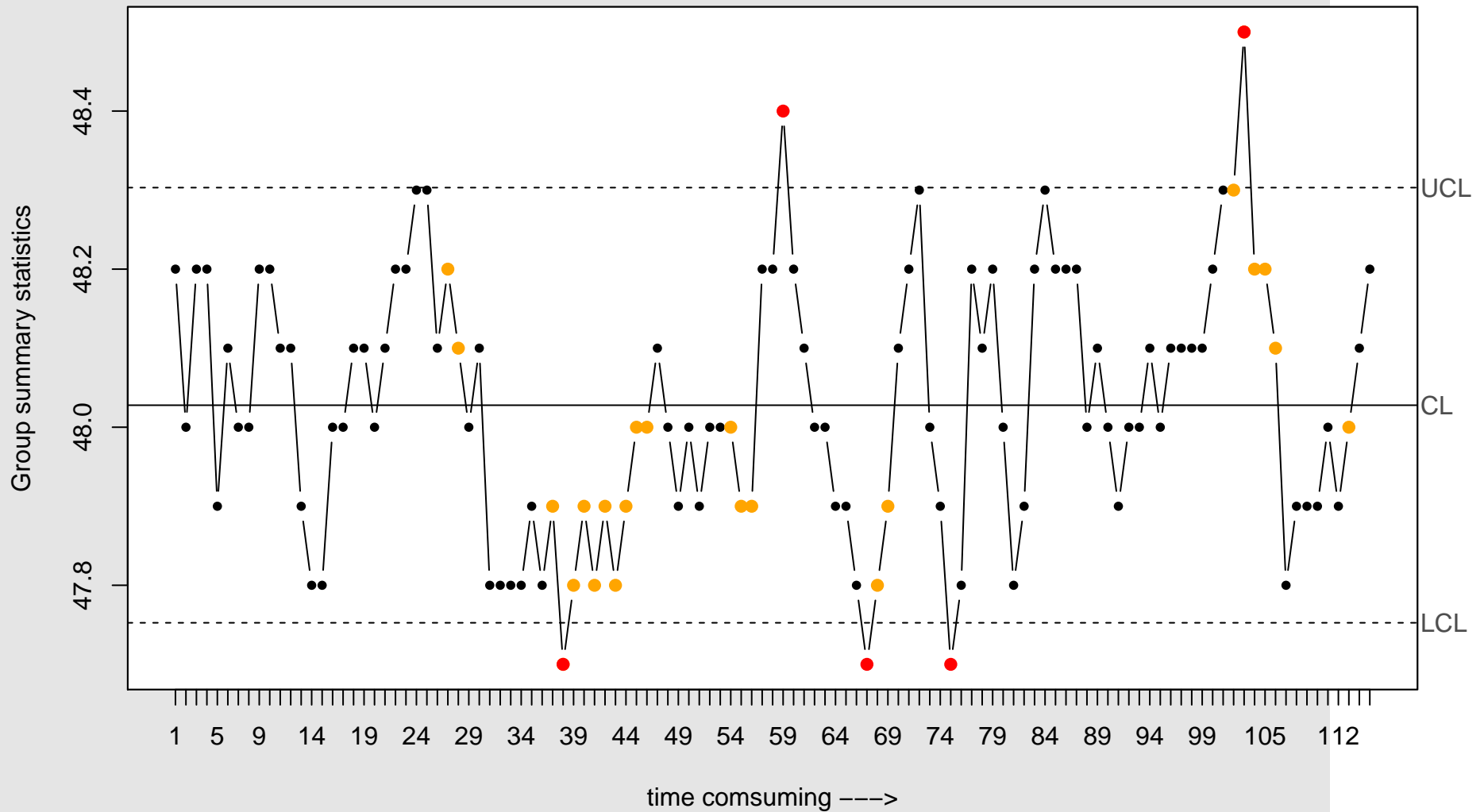


Number of groups = 115
 Center = 47.97913
 StdDev = 0.08631952

LCL = 47.72017
 UCL = 48.23809

Number beyond limits = 13
 Number violating runs = 22

139th column point of this product



Number of groups = 115

Center = 48.02783

StdDev = 0.0917631

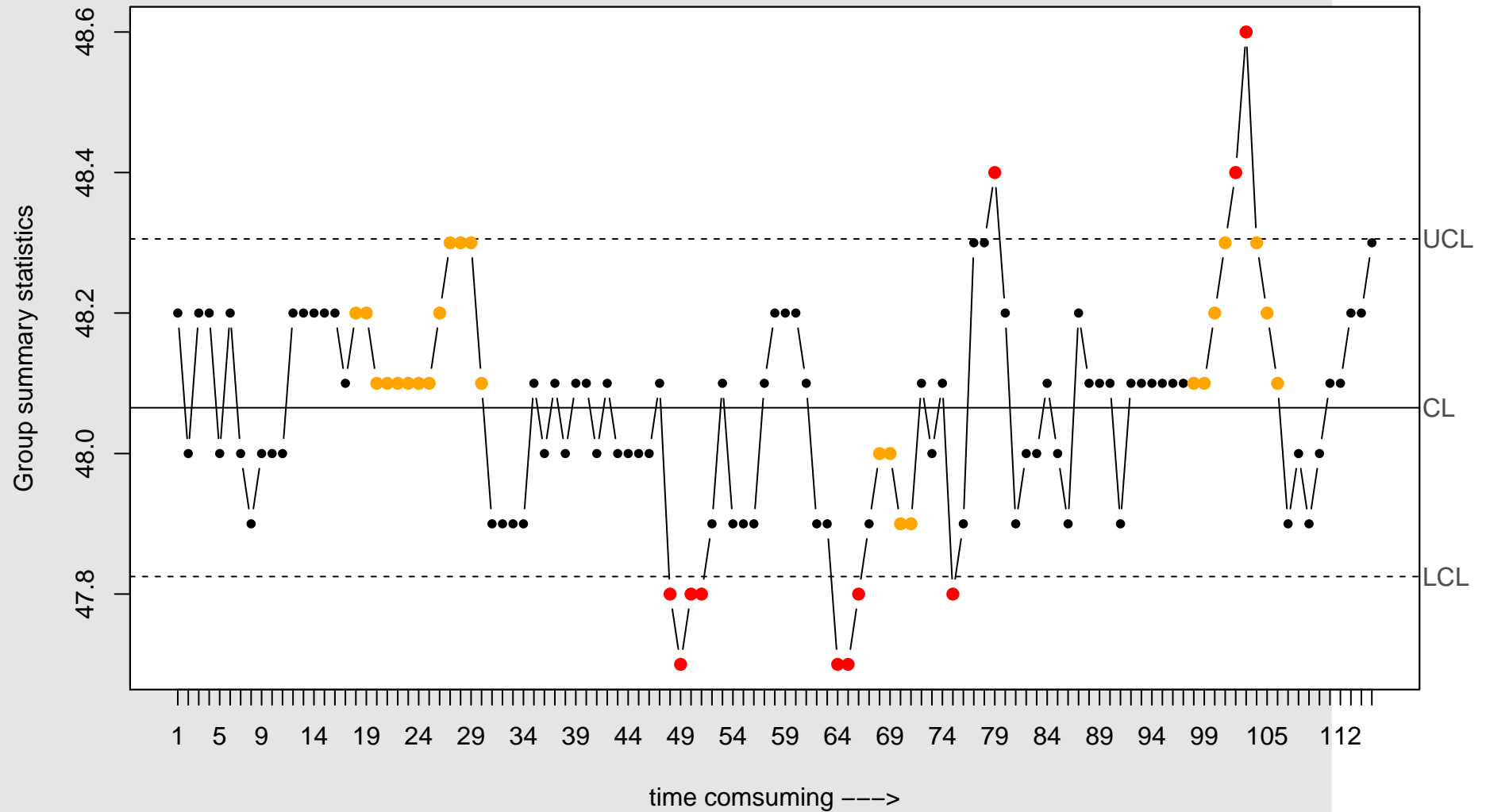
LCL = 47.75254

UCL = 48.30312

Number beyond limits = 5

Number violating runs = 23

140th column point of this product



Number of groups = 115

Center = 48.06522

StdDev = 0.0800983

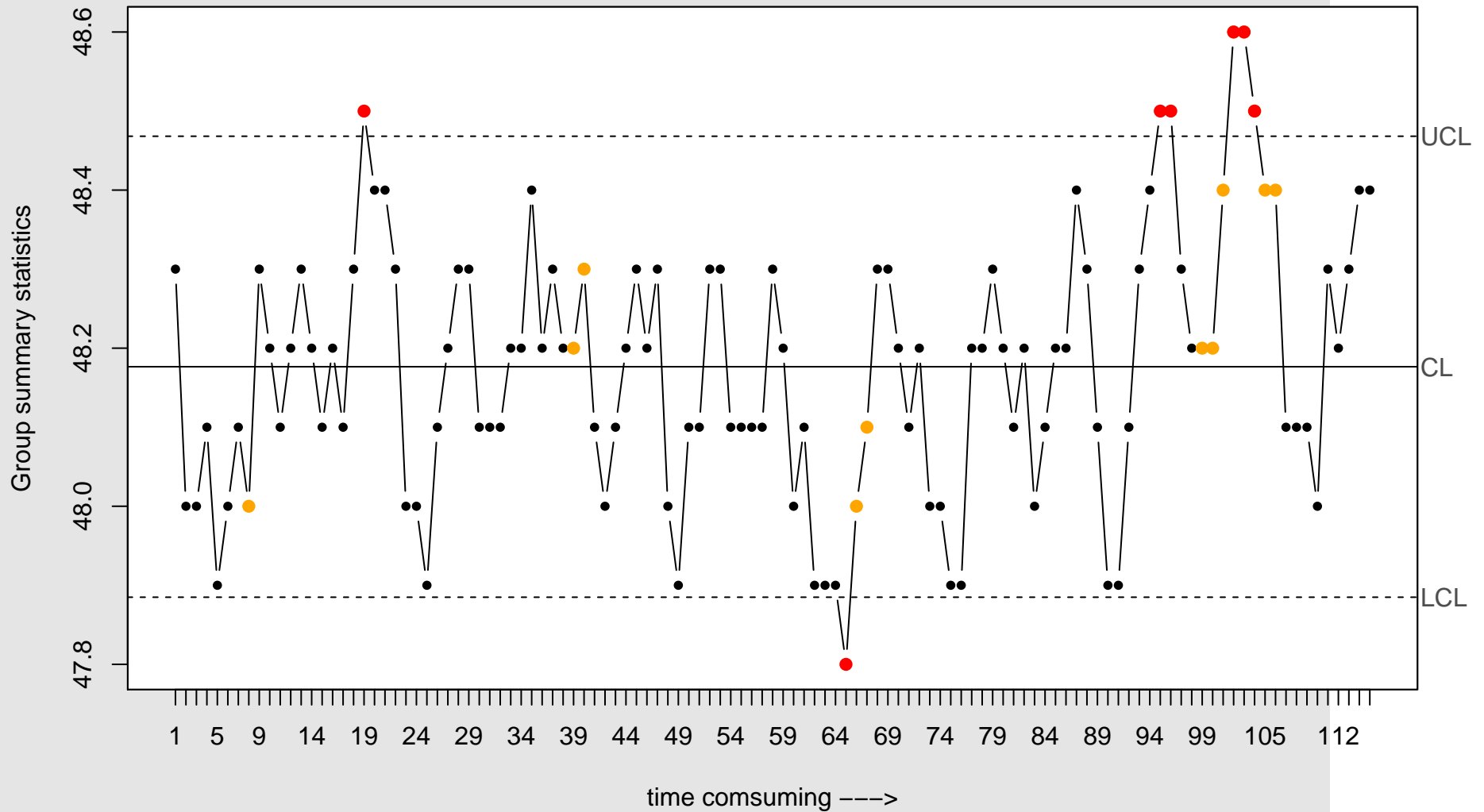
LCL = 47.82492

UCL = 48.30551

Number beyond limits = 11

Number violating runs = 26

141th column point of this product

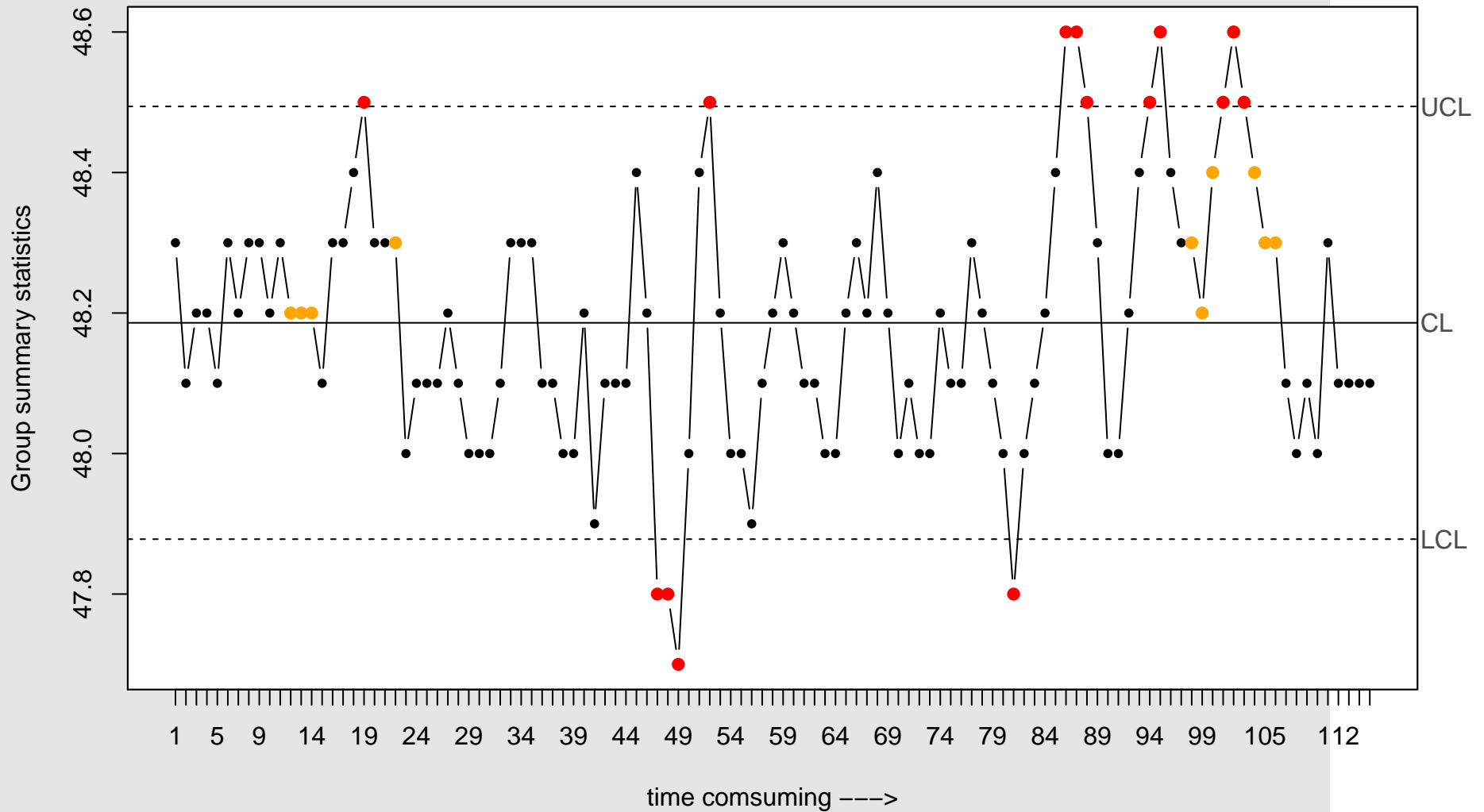


Number of groups = 115
 Center = 48.17652
 StdDev = 0.09720667

LCL = 47.8849
 UCL = 48.46814

Number beyond limits = 7
 Number violating runs = 13

142th column point of this product



Number of groups = 115

Center = 48.18609

StdDev = 0.1026502

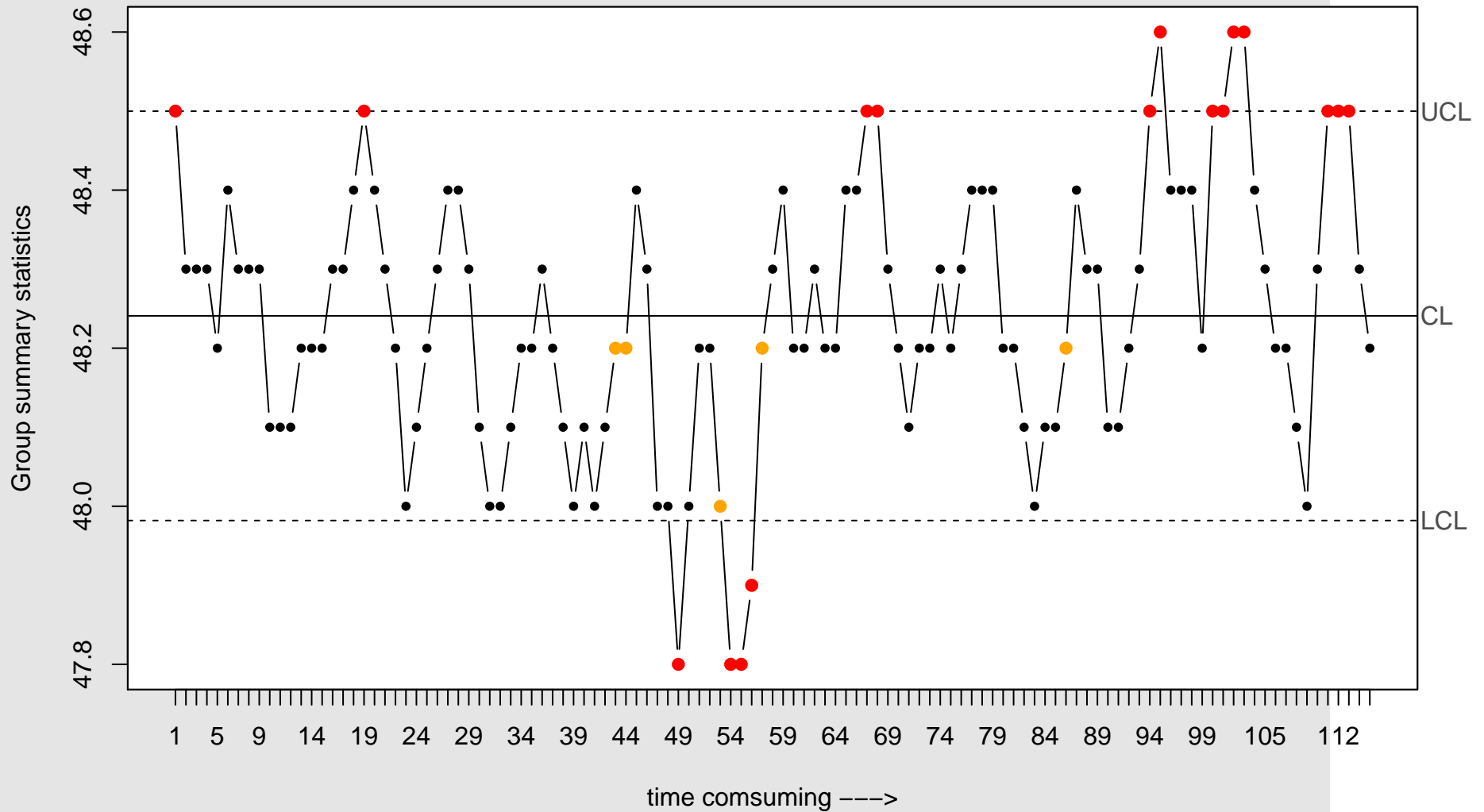
LCL = 47.87814

UCL = 48.49404

Number beyond limits = 14

Number violating runs = 13

143th column point of this product

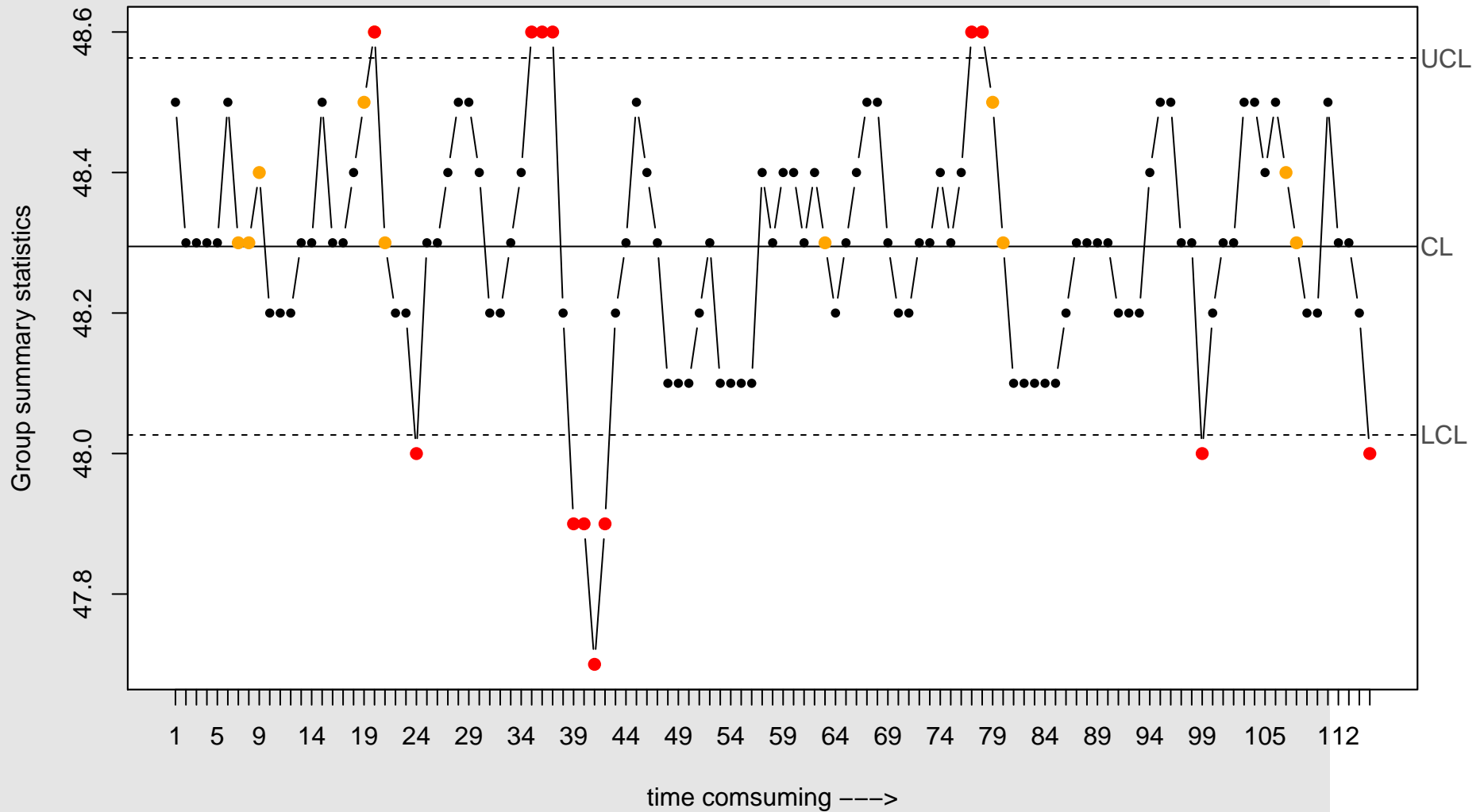


Number of groups = 115
 Center = 48.24087
 StdDev = 0.08631952

LCL = 47.98191
 UCL = 48.49983

Number beyond limits = 17
 Number violating runs = 8

144th column point of this product

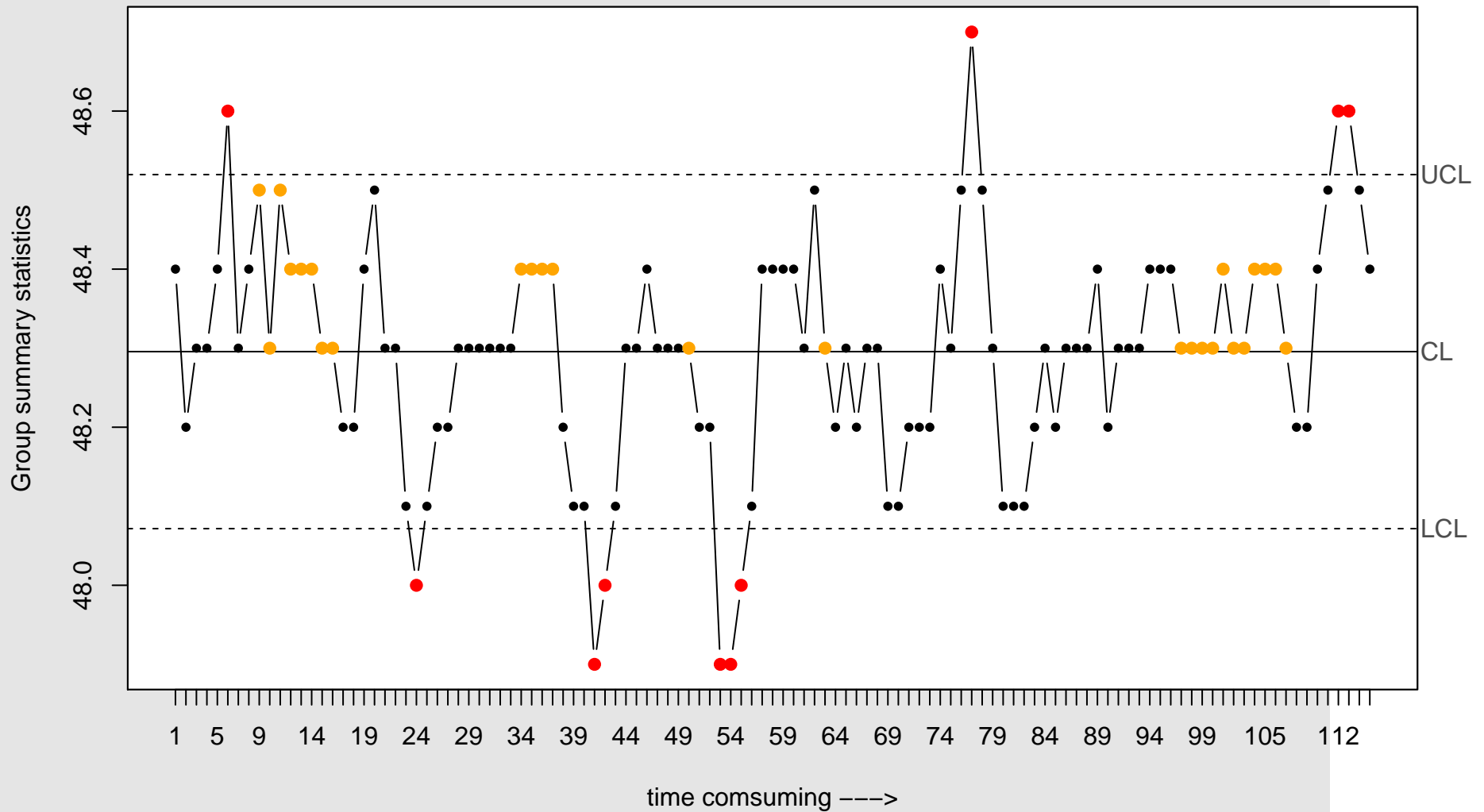


Number of groups = 115
 Center = 48.29478
 StdDev = 0.08943014

LCL = 48.02649
 UCL = 48.56307

Number beyond limits = 13
 Number violating runs = 12

145th column point of this product



Number of groups = 115

Center = 48.29565

StdDev = 0.07465472

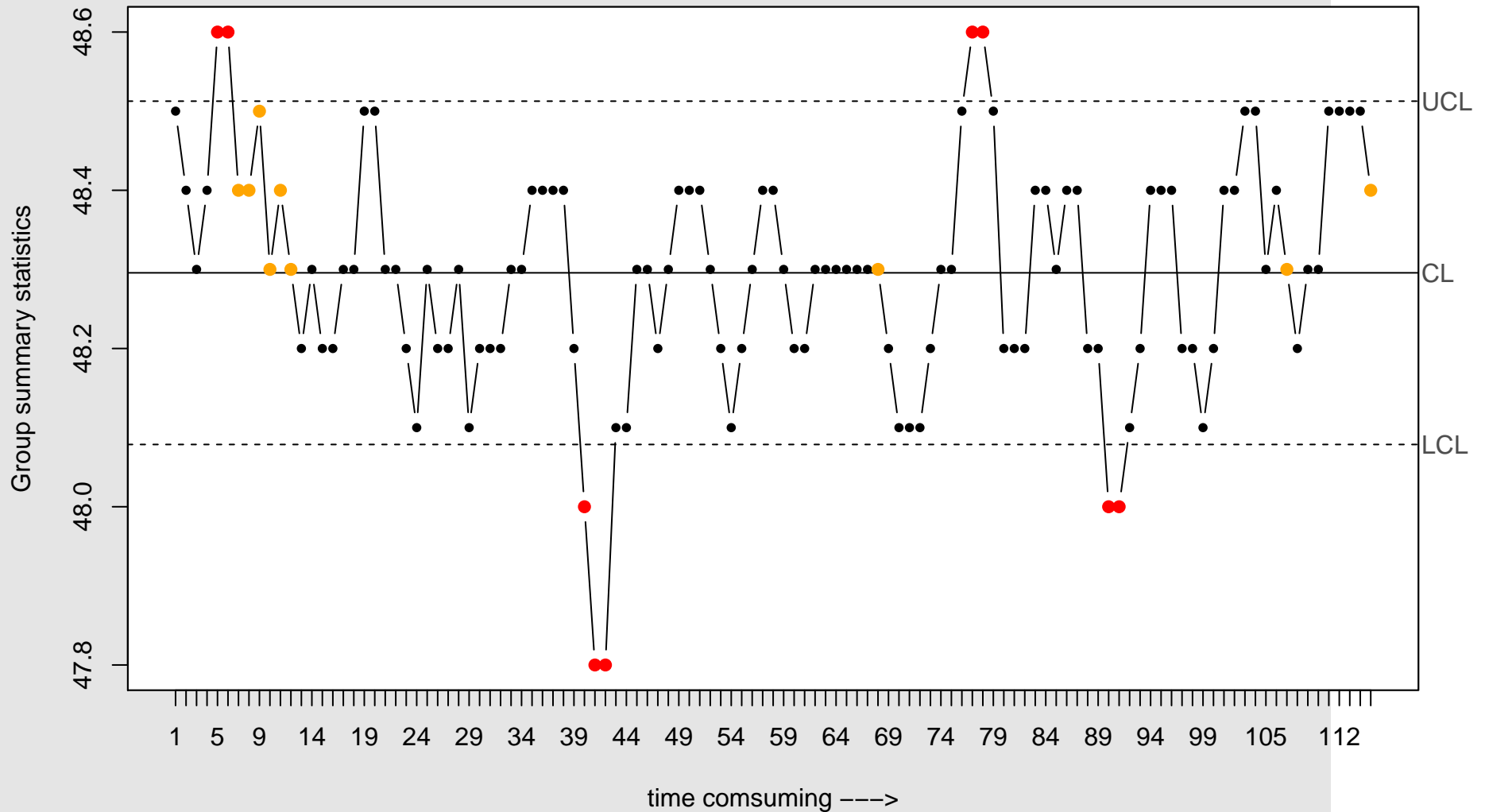
LCL = 48.07169

UCL = 48.51962

Number beyond limits = 10

Number violating runs = 25

146th column point of this product

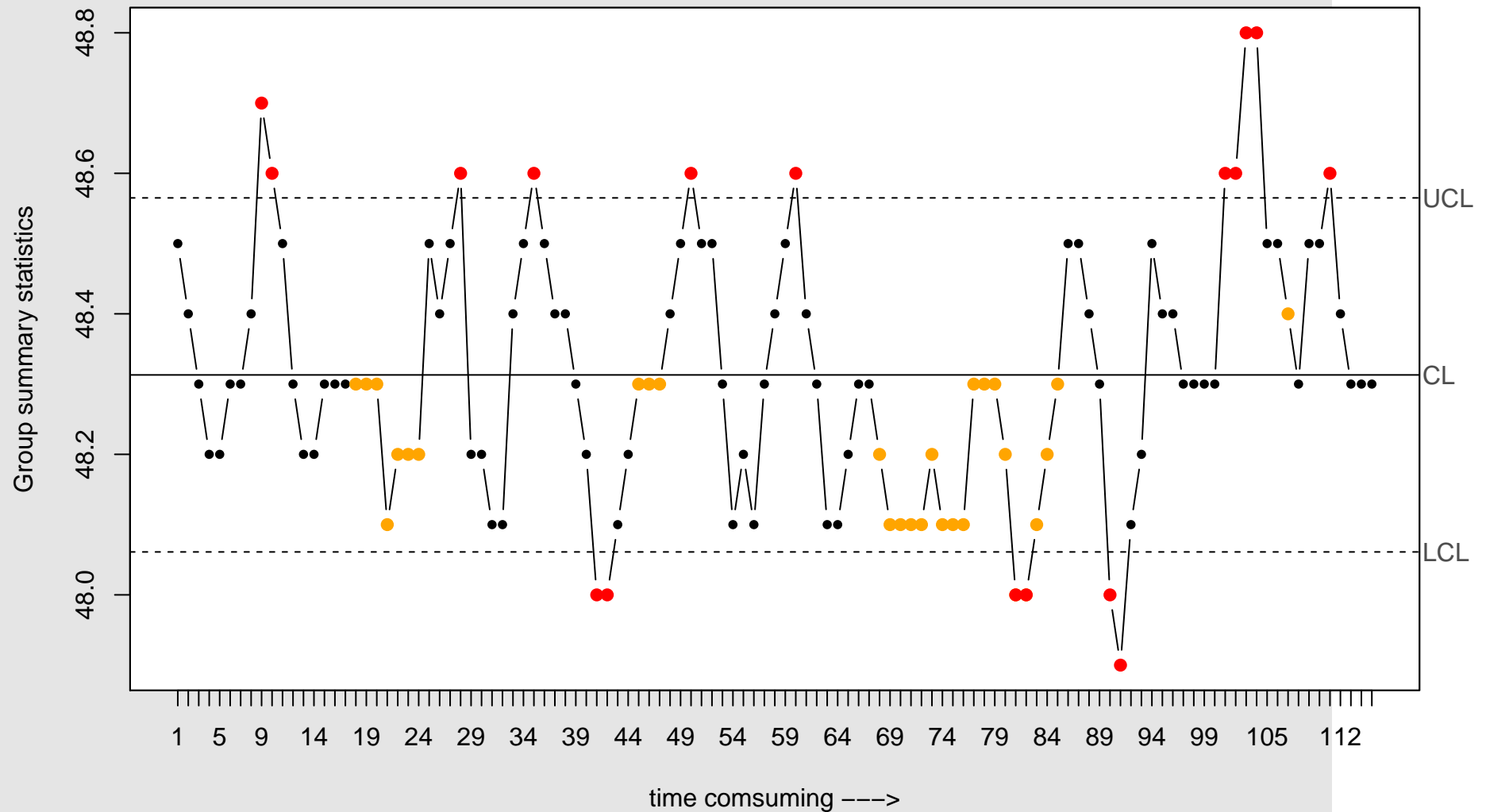


Number of groups = 115
 Center = 48.29565
 StdDev = 0.07232176

LCL = 48.07869
 UCL = 48.51262

Number beyond limits = 9
 Number violating runs = 9

147th column point of this product



Number of groups = 115

Center = 48.31304

StdDev = 0.08398656

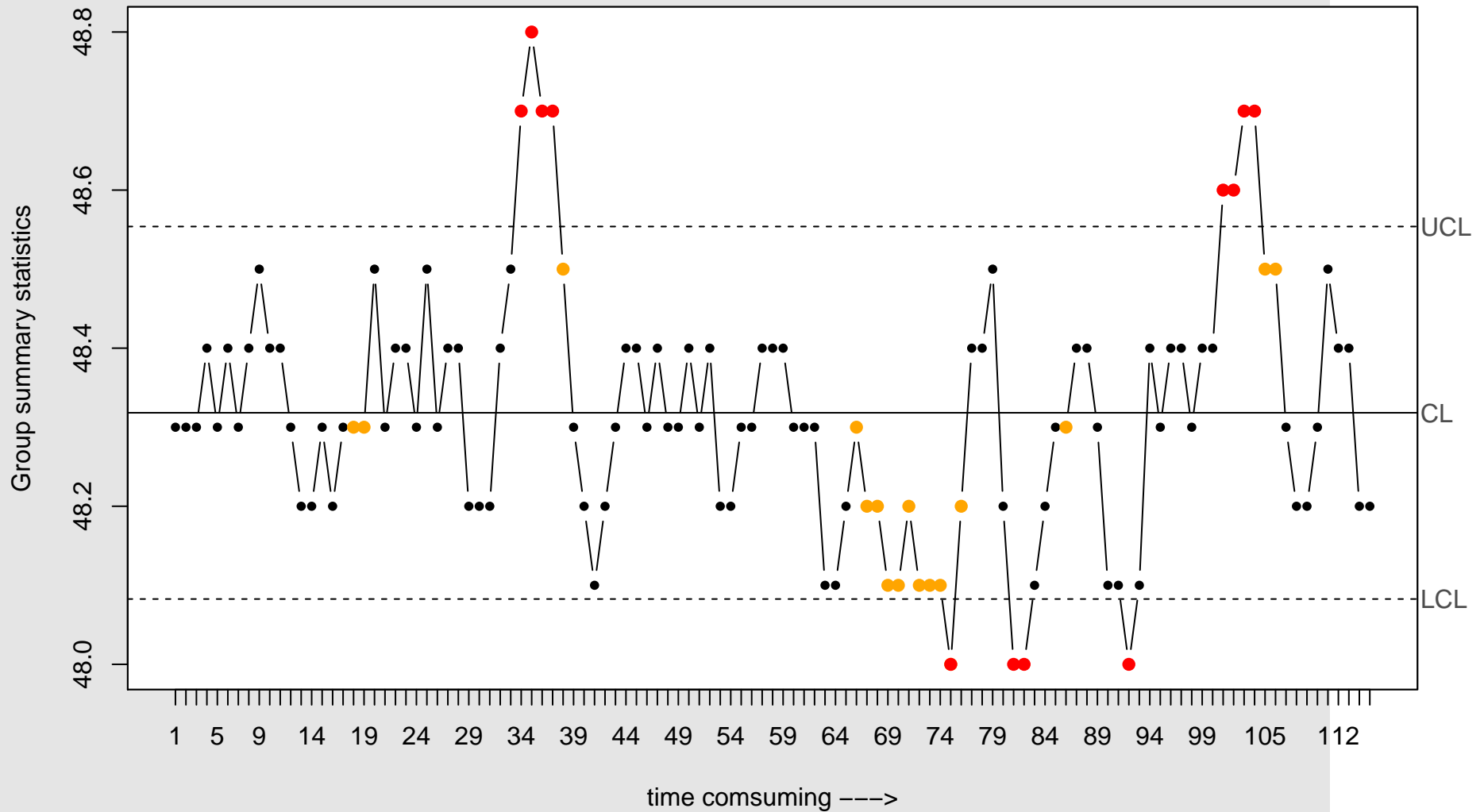
LCL = 48.06108

UCL = 48.565

Number beyond limits = 17

Number violating runs = 29

148th column point of this product

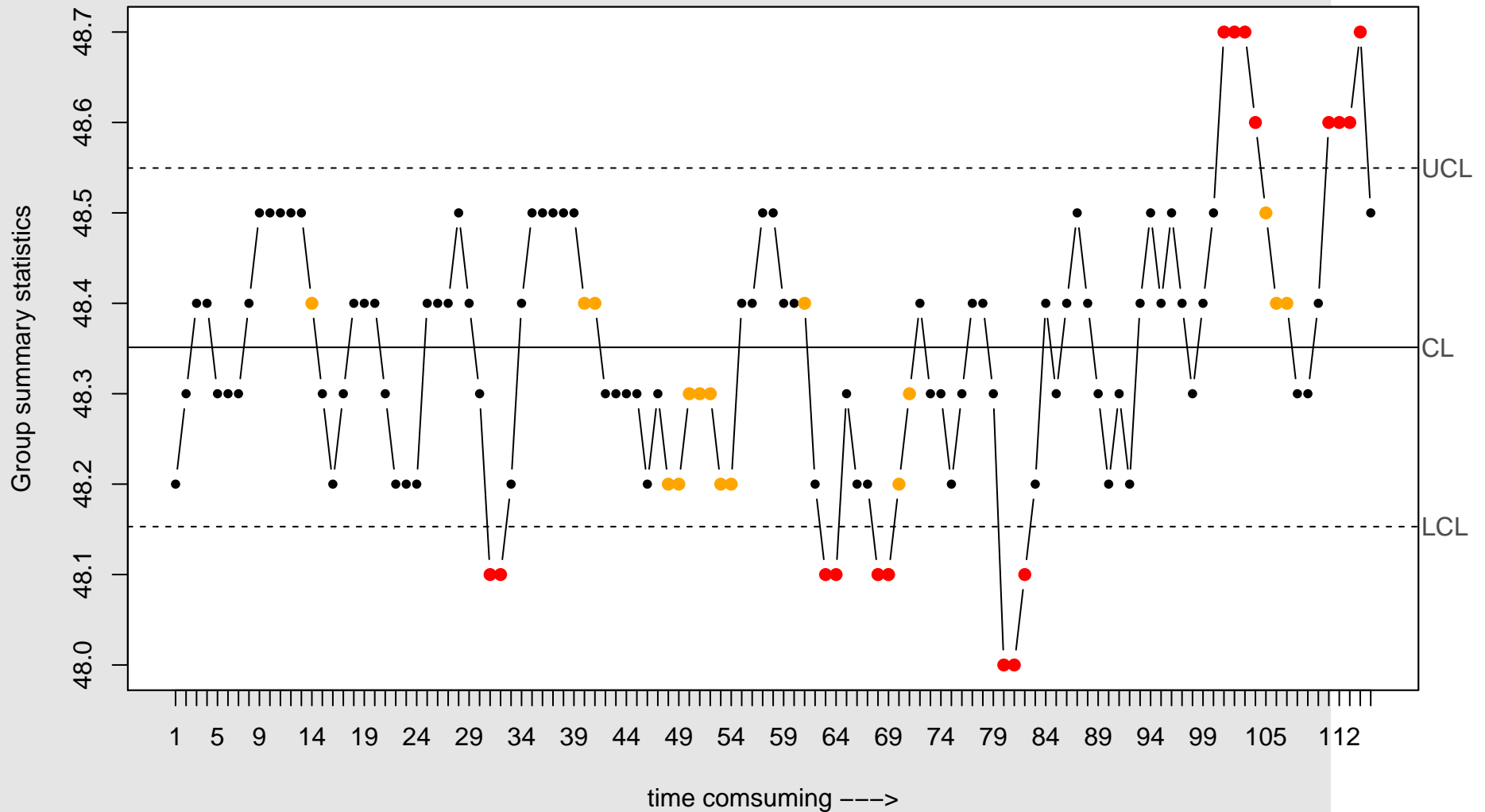


Number of groups = 115
Center = 48.31826
StdDev = 0.07854299

LCL = 48.08263
UCL = 48.55389

Number beyond limits = 12
Number violating runs = 17

149th column point of this product

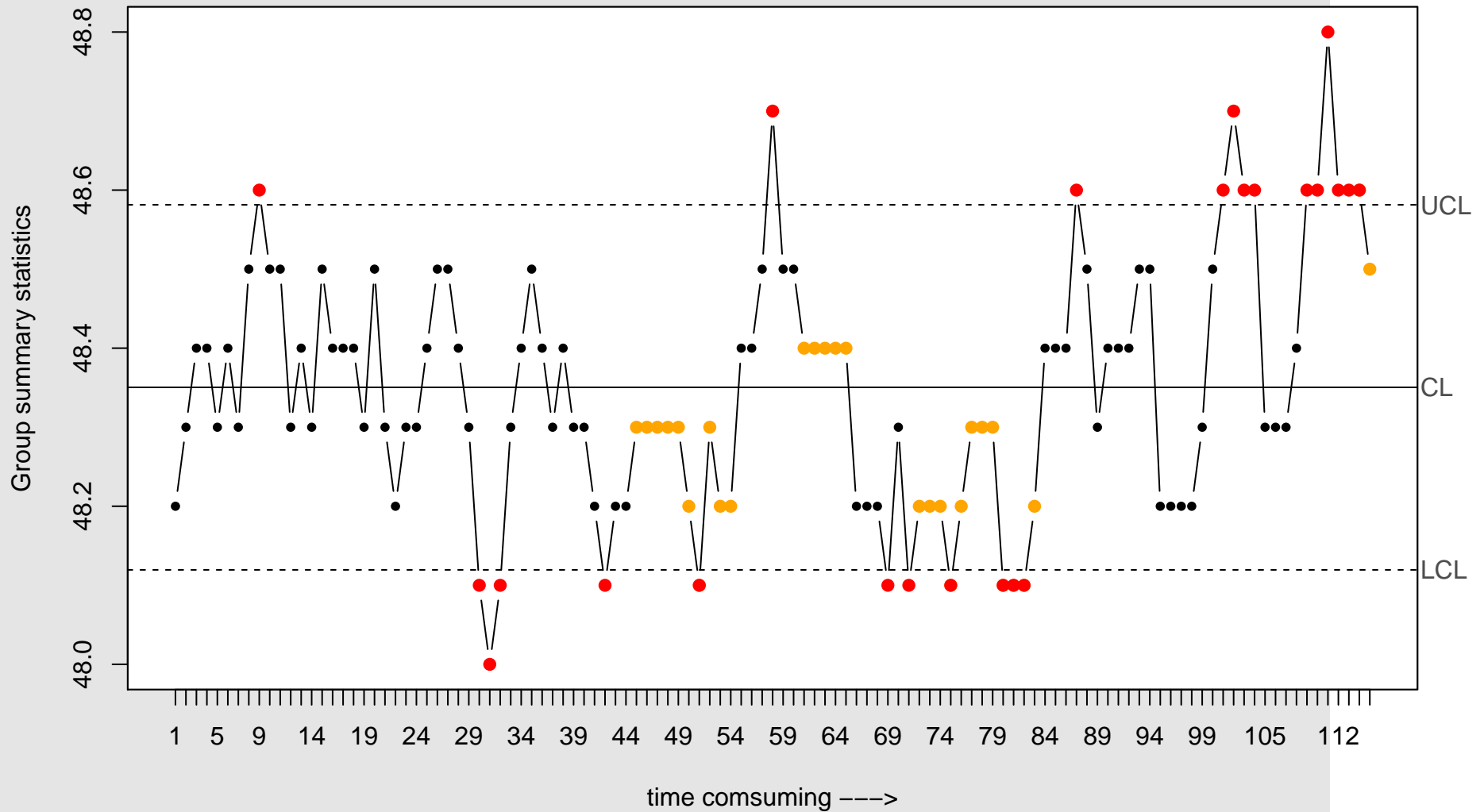


Number of groups = 115
 Center = 48.3513
 StdDev = 0.06610054

LCL = 48.153
 UCL = 48.54961

Number beyond limits = 17
 Number violating runs = 18

150th column point of this product

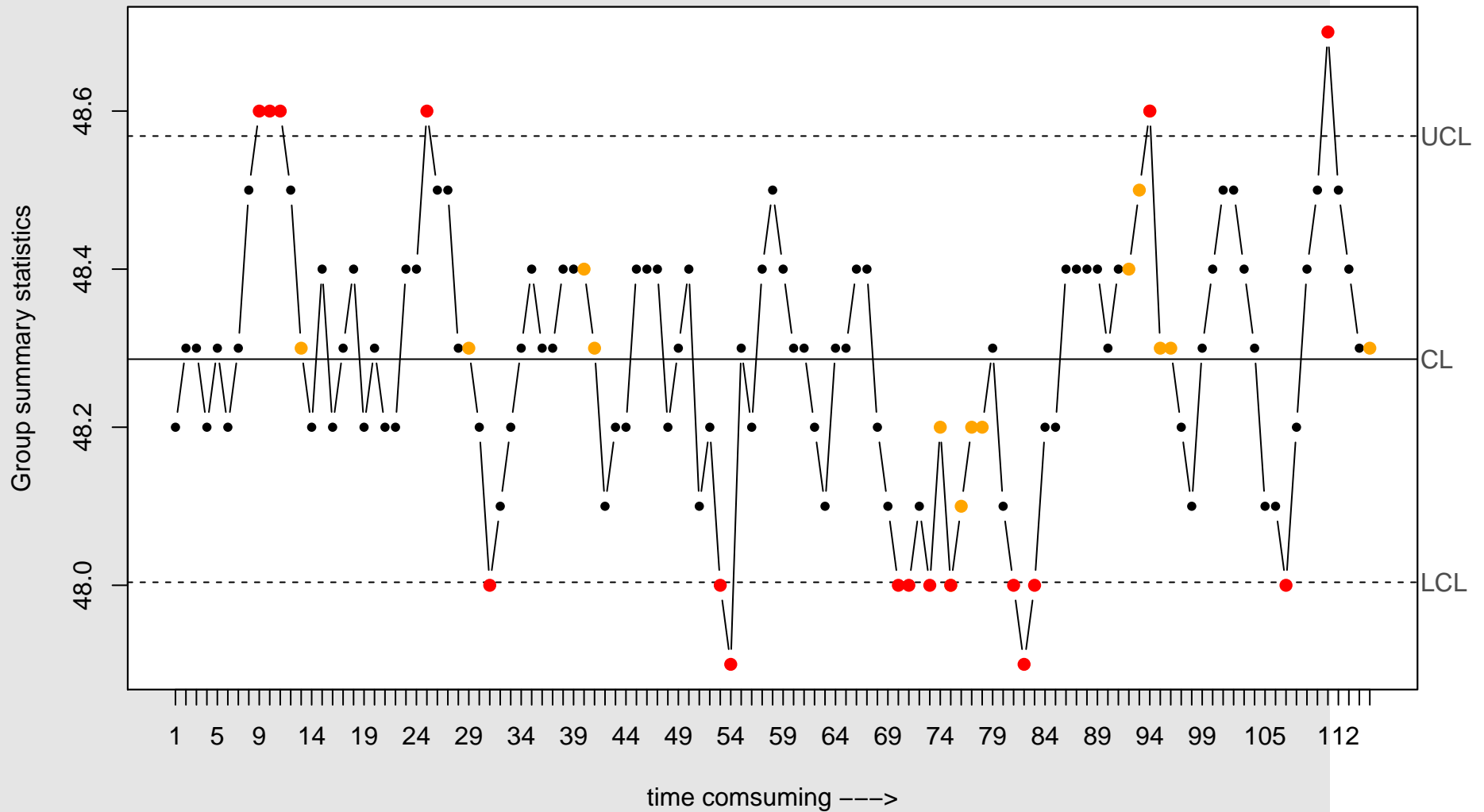


Number of groups = 115
 Center = 48.35043
 StdDev = 0.07698768

LCL = 48.11947
 UCL = 48.5814

Number beyond limits = 24
 Number violating runs = 29

151th column point of this product

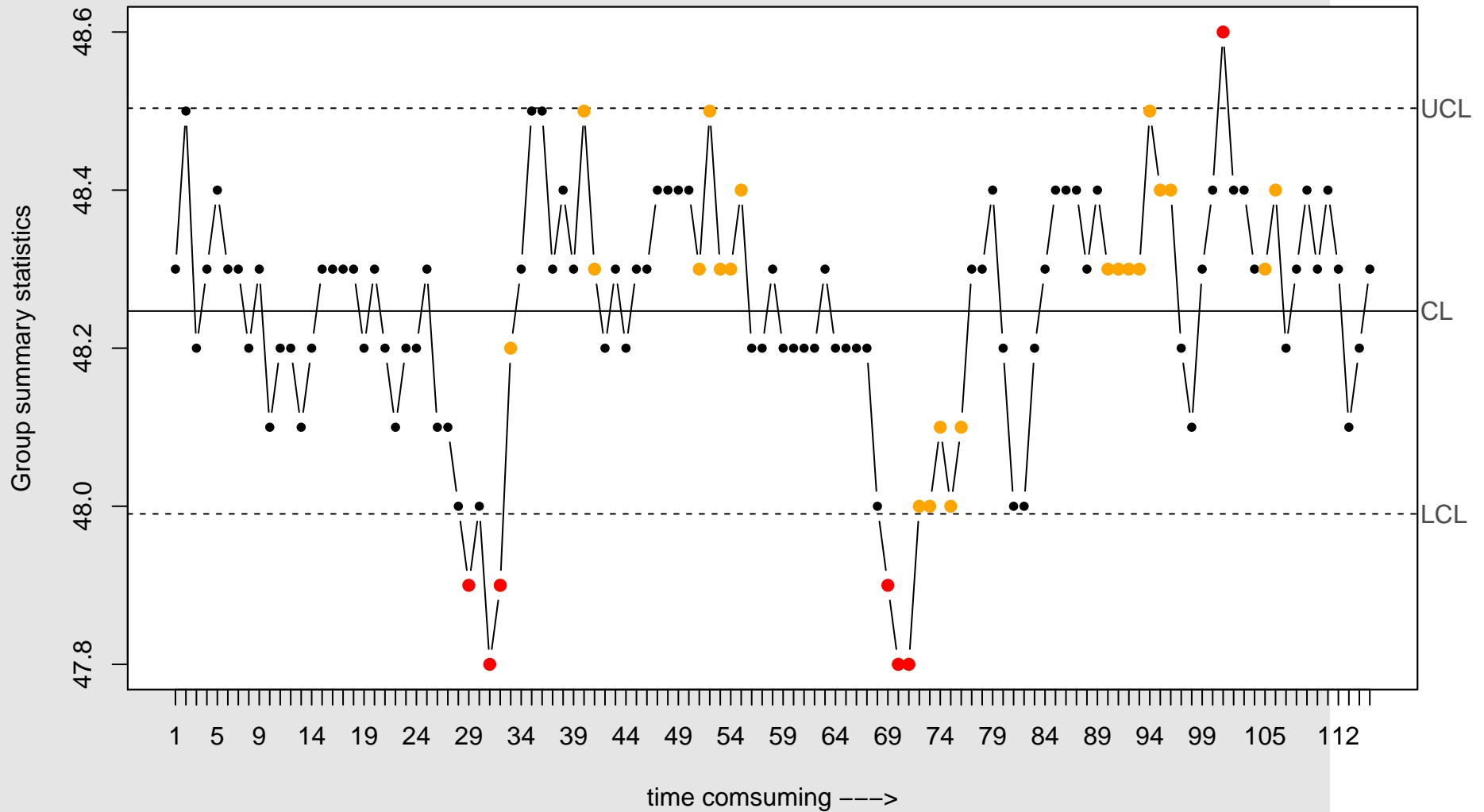


Number of groups = 115
 Center = 48.28609
 StdDev = 0.09409606

LCL = 48.0038
 UCL = 48.56838

Number beyond limits = 17
 Number violating runs = 15

152th column point of this product

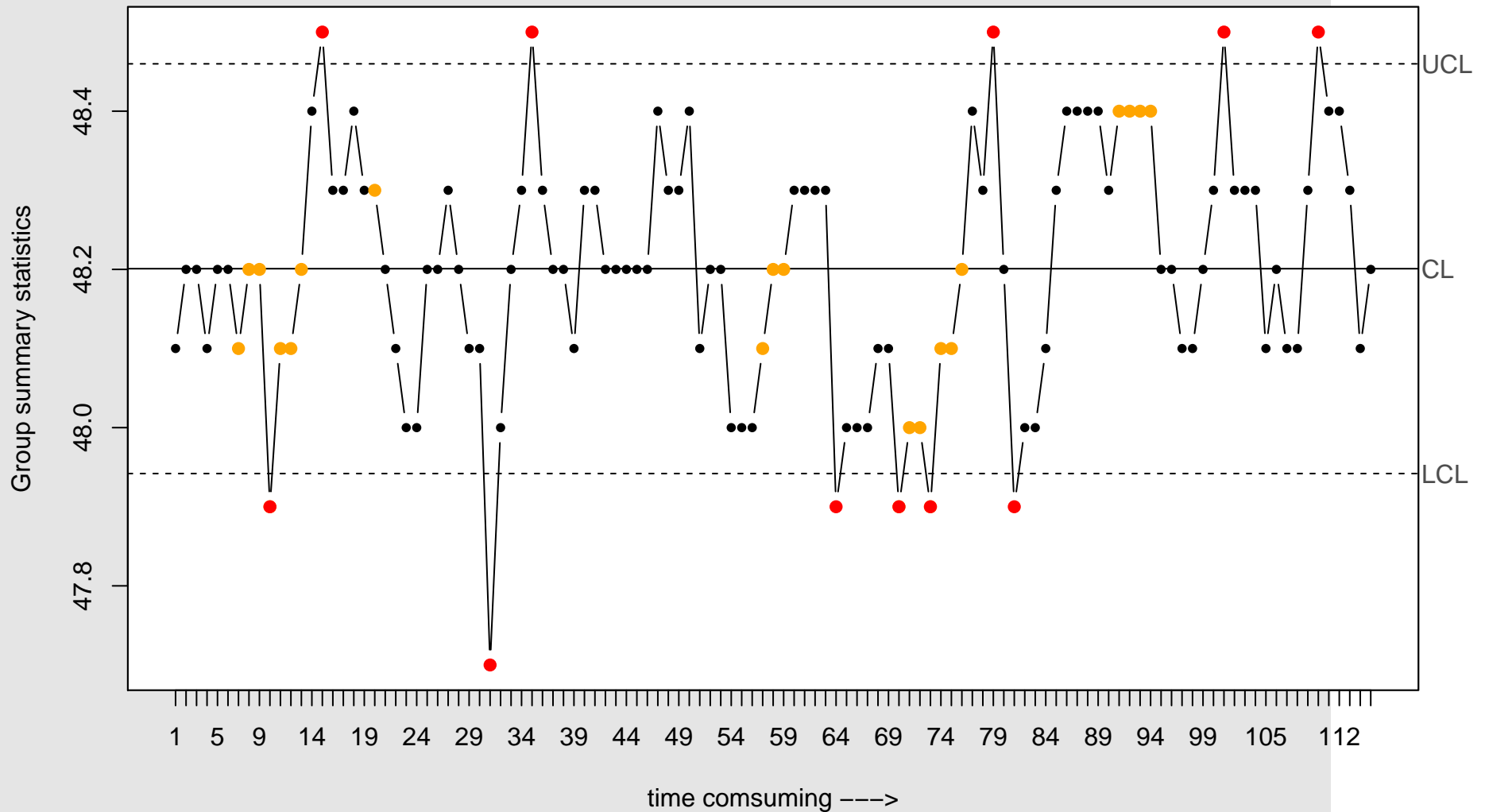


Number of groups = 115
 Center = 48.24696
 StdDev = 0.08554187

LCL = 47.99033
 UCL = 48.50358

Number beyond limits = 7
 Number violating runs = 25

153th column point of this product

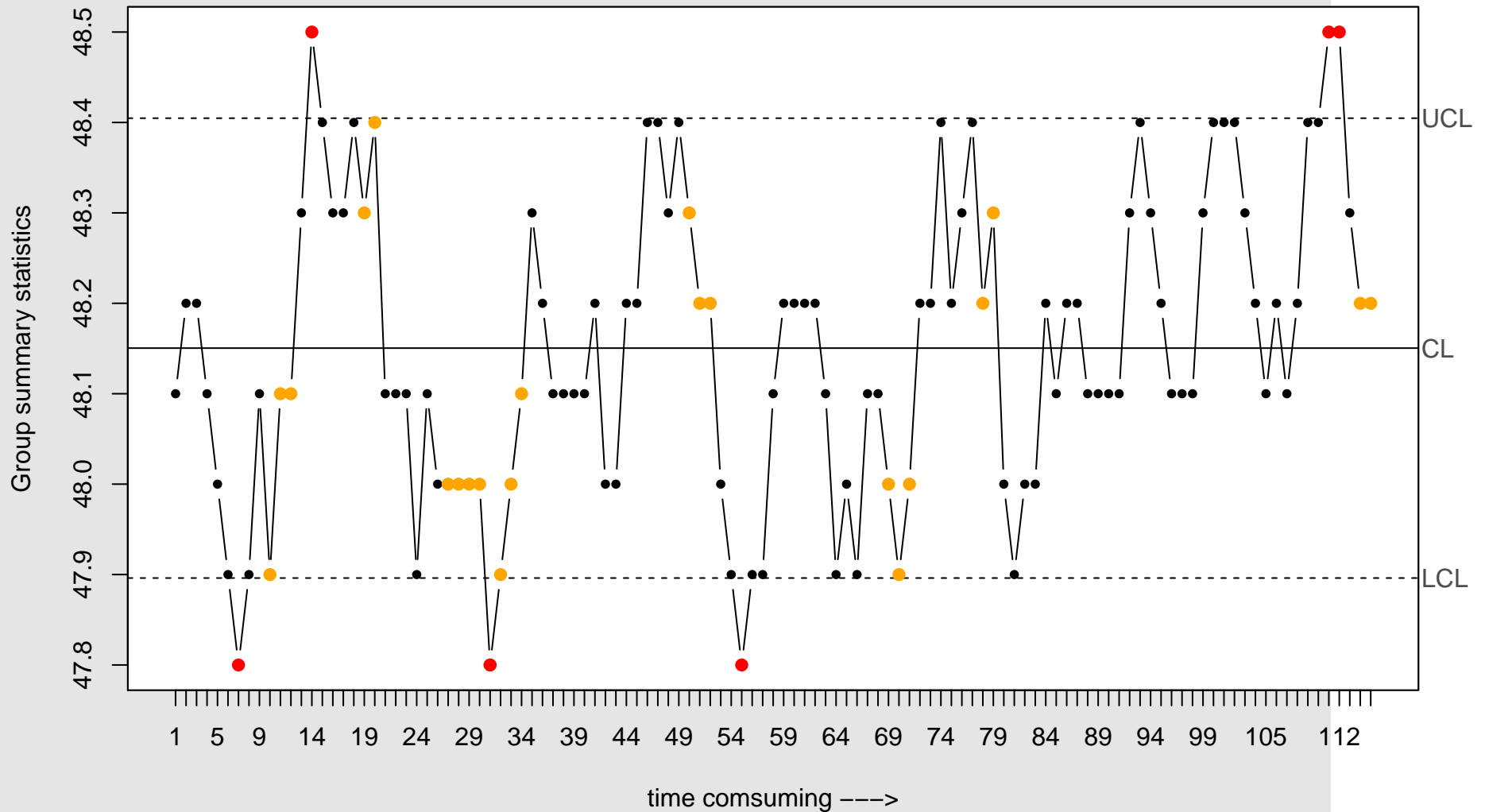


Number of groups = 115
 Center = 48.20087
 StdDev = 0.08631952

LCL = 47.94191
 UCL = 48.45983

Number beyond limits = 11
 Number violating runs = 22

154th column point of this product

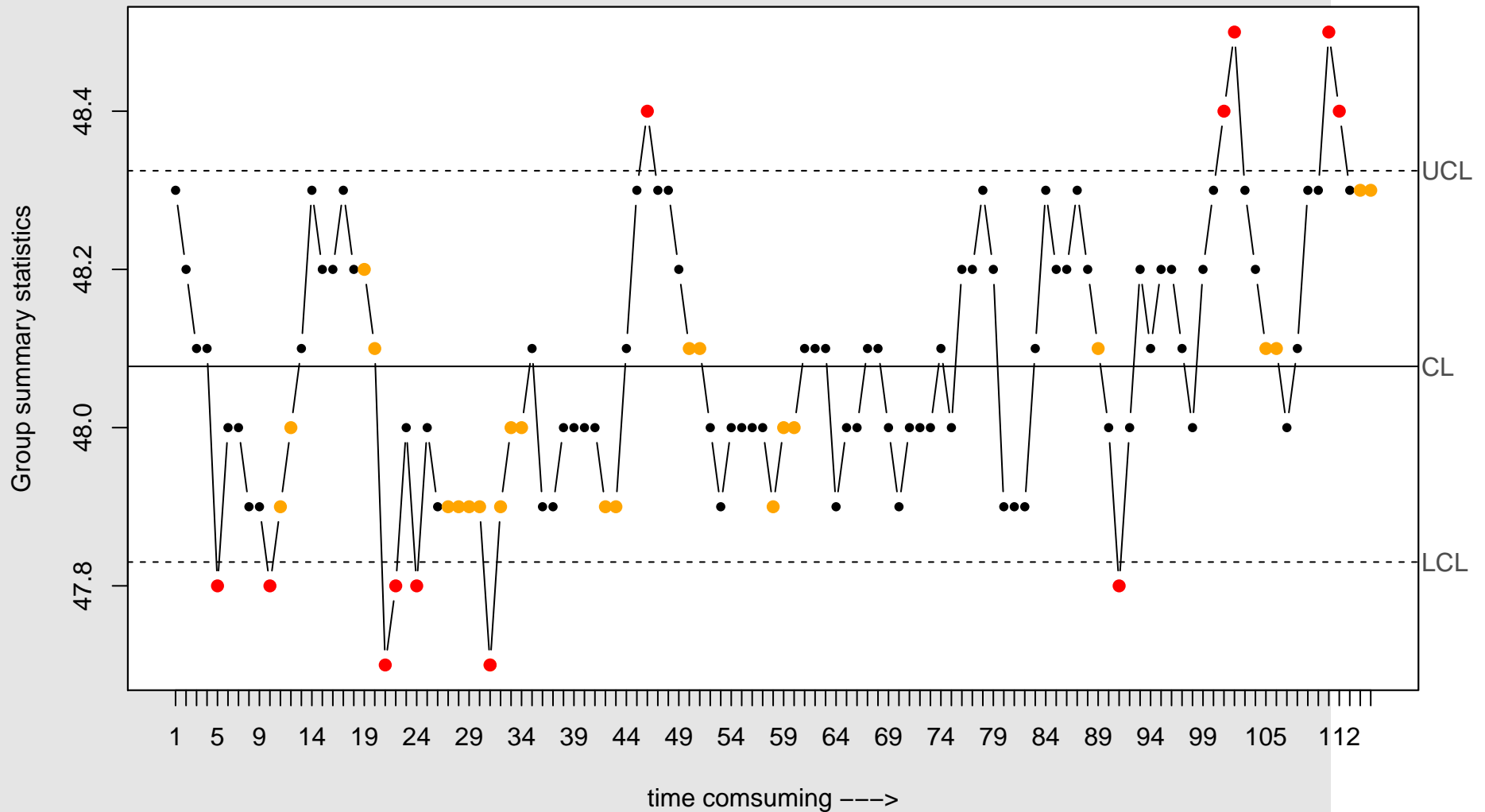


Number of groups = 115
 Center = 48.15043
 StdDev = 0.08476422

LCL = 47.89614
 UCL = 48.4073

Number beyond limits = 6
 Number violating runs = 23

155th column point of this product



Number of groups = 115

Center = 48.07739

StdDev = 0.08243126

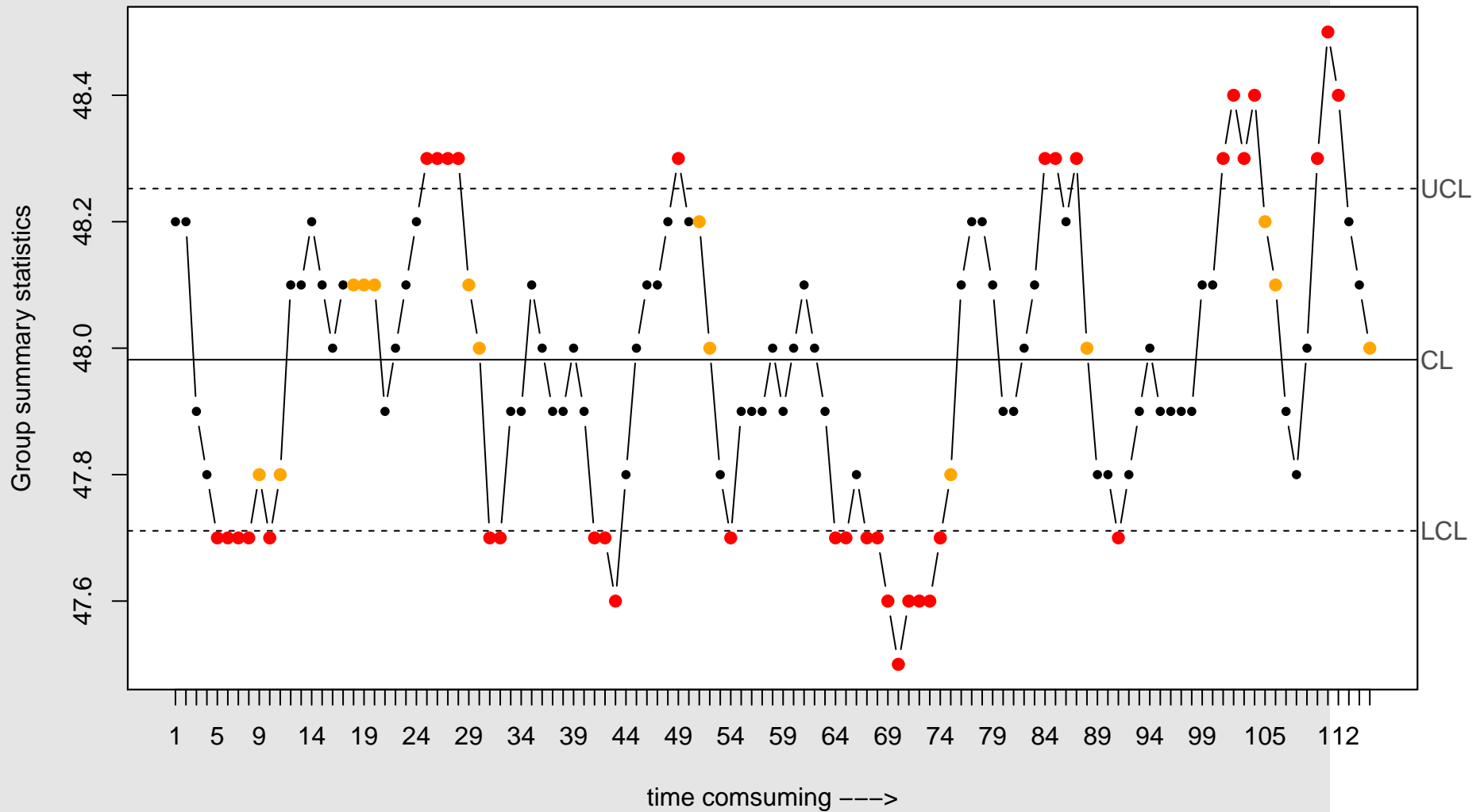
LCL = 47.8301

UCL = 48.32469

Number beyond limits = 12

Number violating runs = 24

156th column point of this product



Number of groups = 115

Center = 47.98174

StdDev = 0.09020779

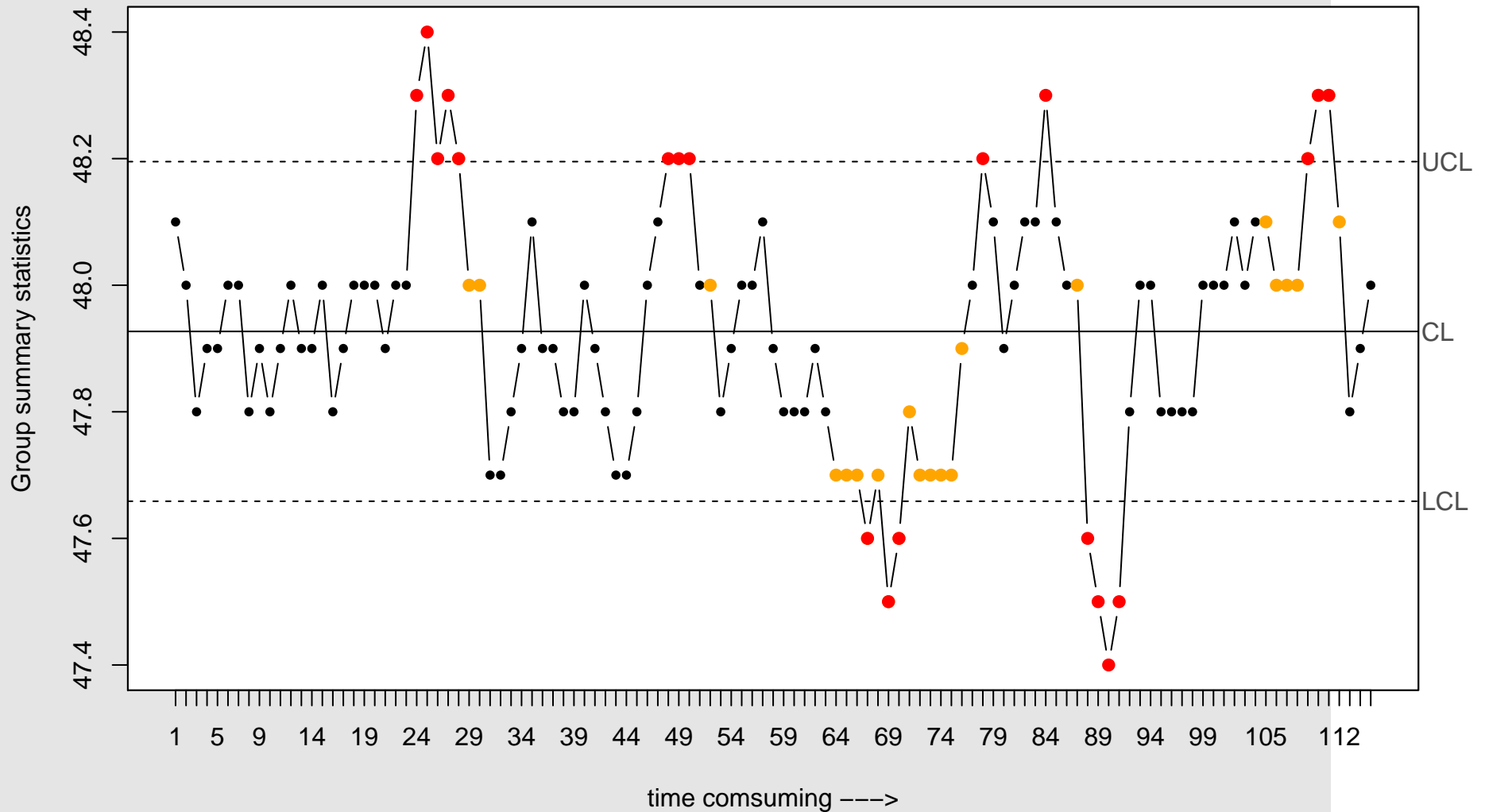
LCL = 47.71112

UCL = 48.25236

Number beyond limits = 37

Number violating runs = 22

157th column point of this product

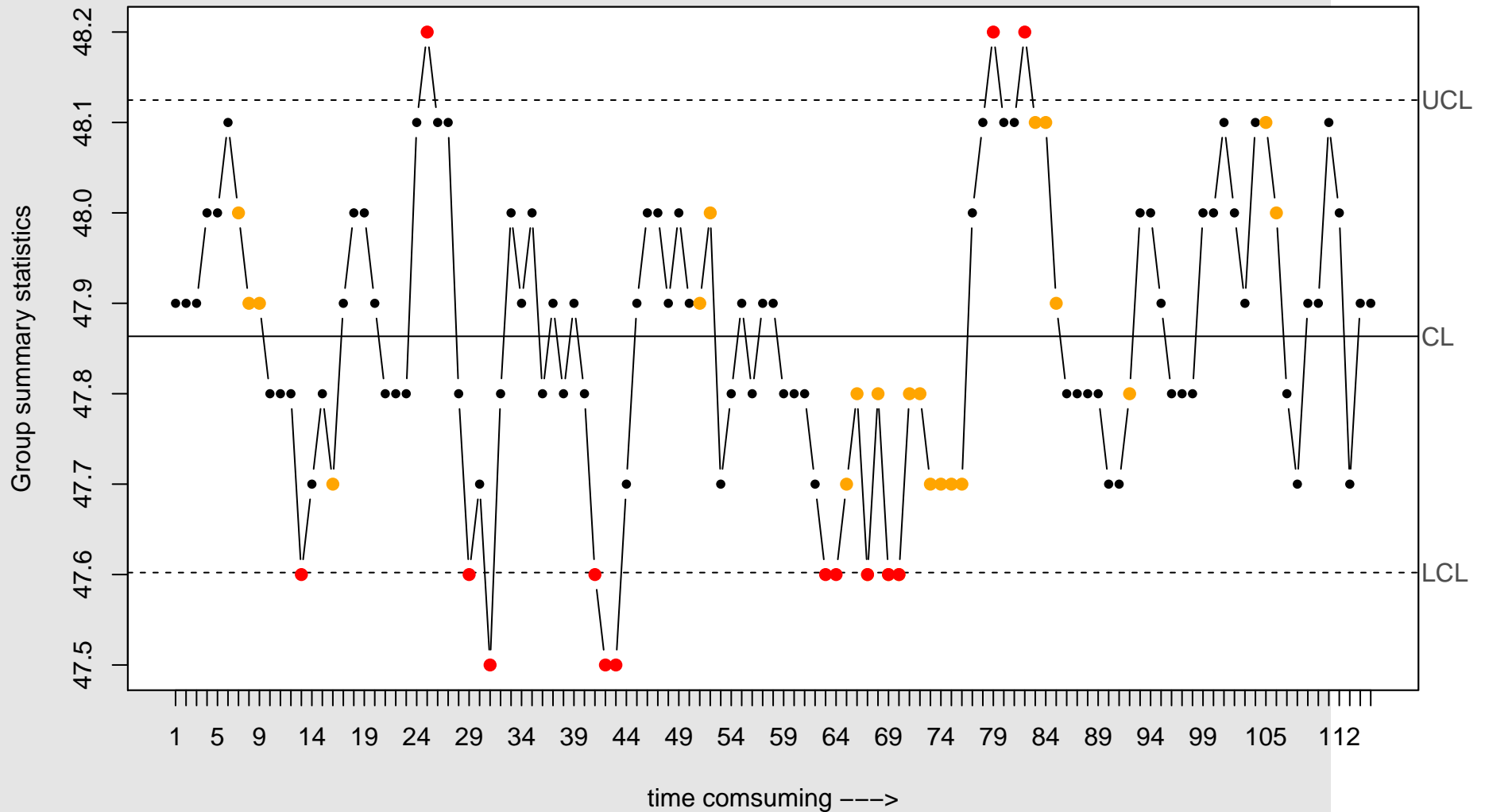


Number of groups = 115
Center = 47.92696
StdDev = 0.08943014

LCL = 47.65867
UCL = 48.19525

Number beyond limits = 20
Number violating runs = 26

158th column point of this product



Number of groups = 115

Center = 47.86348

StdDev = 0.08709718

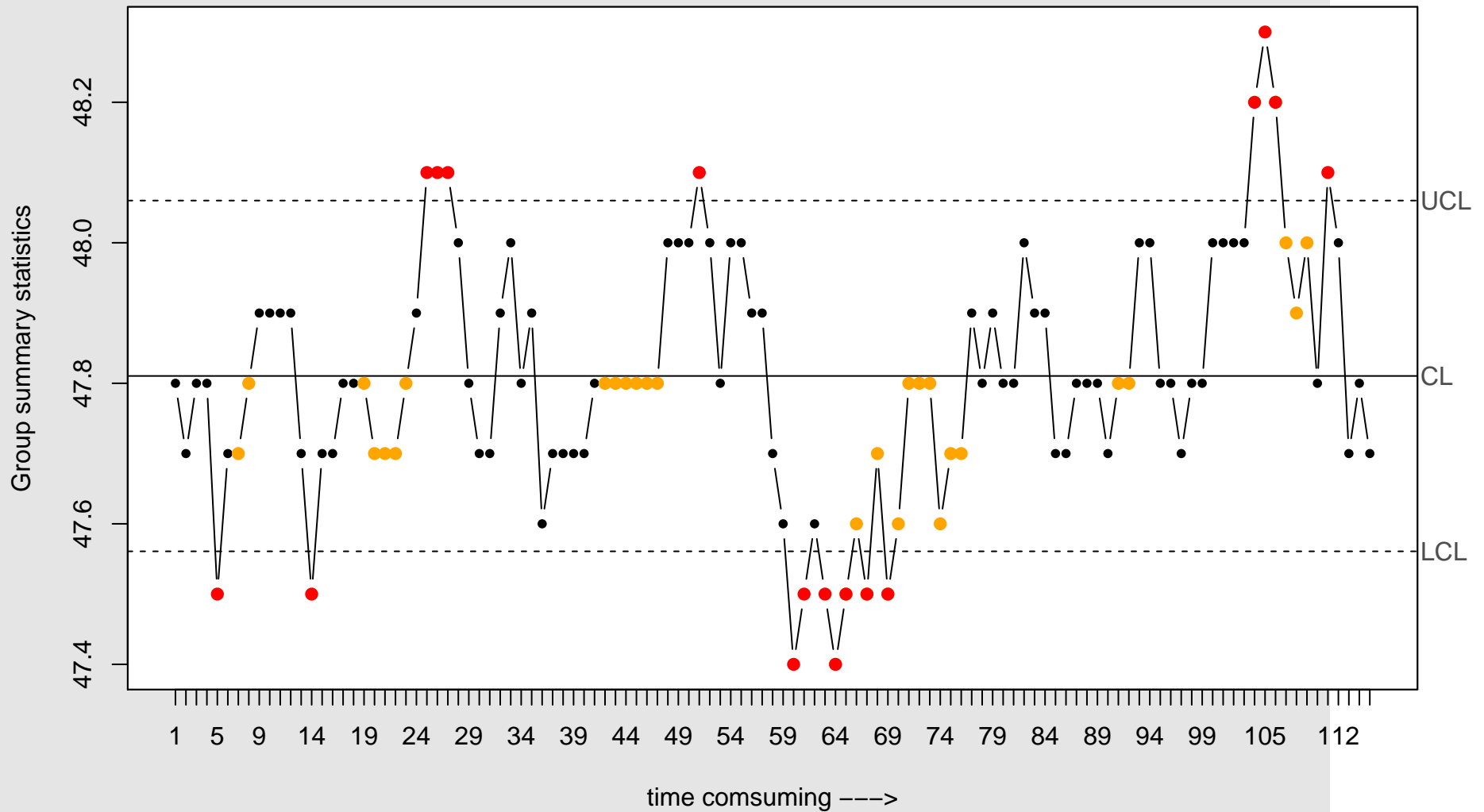
LCL = 47.60219

UCL = 48.12477

Number beyond limits = 14

Number violating runs = 24

159th column point of this product

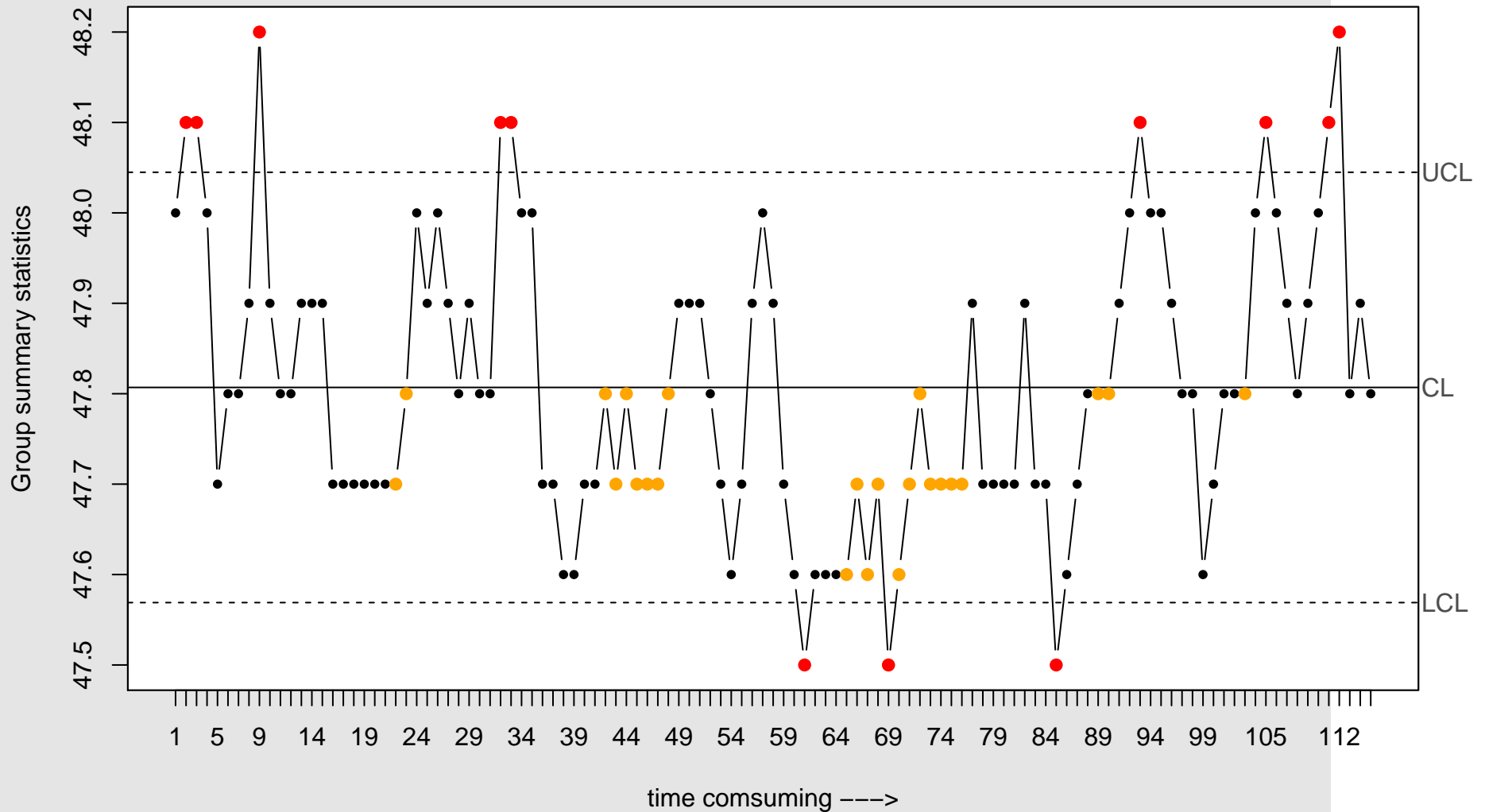


Number of groups = 115
 Center = 47.81043
 StdDev = 0.08320891

LCL = 47.56081
 UCL = 48.06006

Number beyond limits = 17
 Number violating runs = 32

160th column point of this product

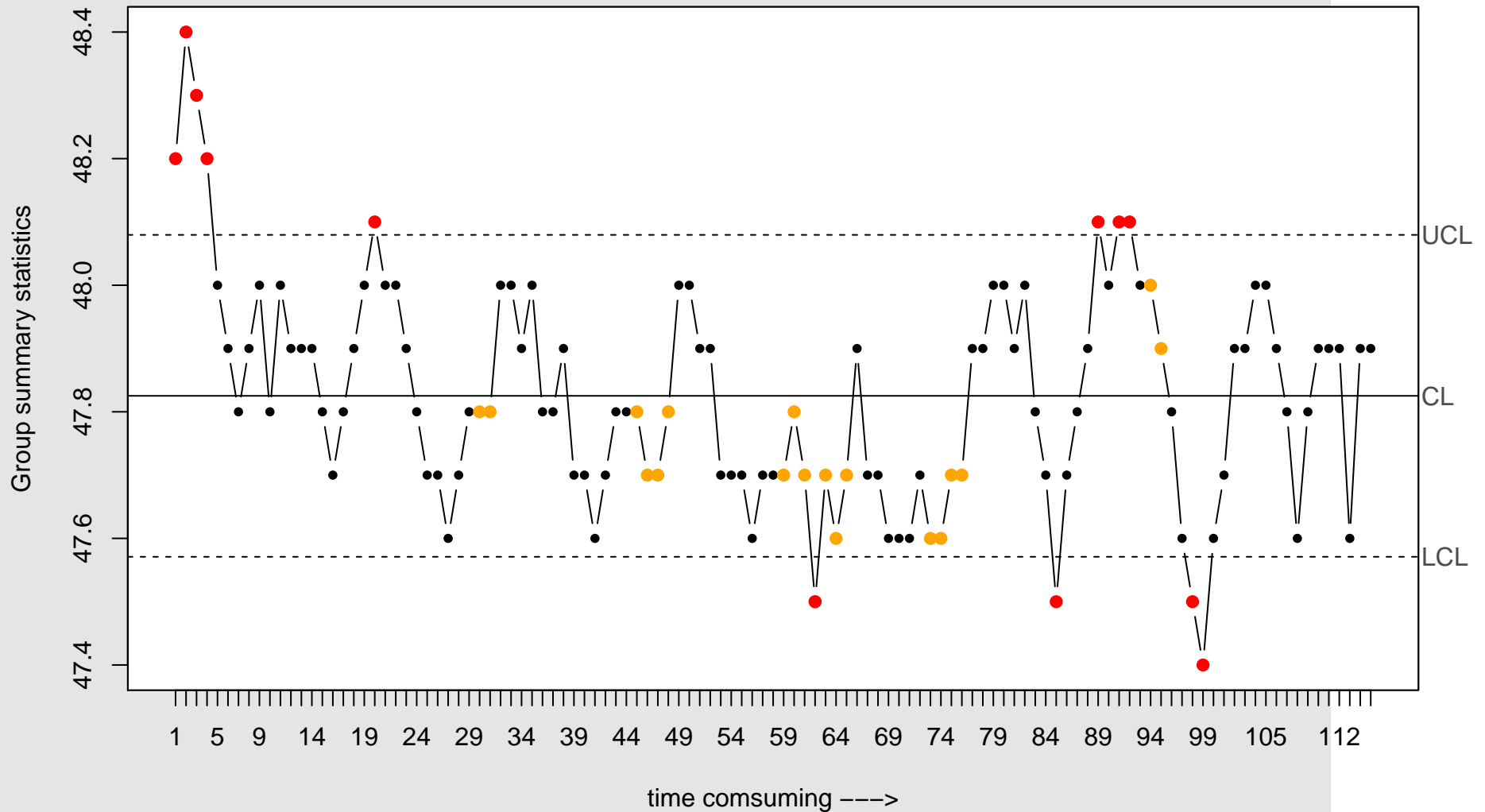


Number of groups = 115
 Center = 47.80696
 StdDev = 0.07932064

LCL = 47.56899
 UCL = 48.04492

Number beyond limits = 12
 Number violating runs = 24

161th column point of this product



Number of groups = 115

Center = 47.82522

StdDev = 0.08476422

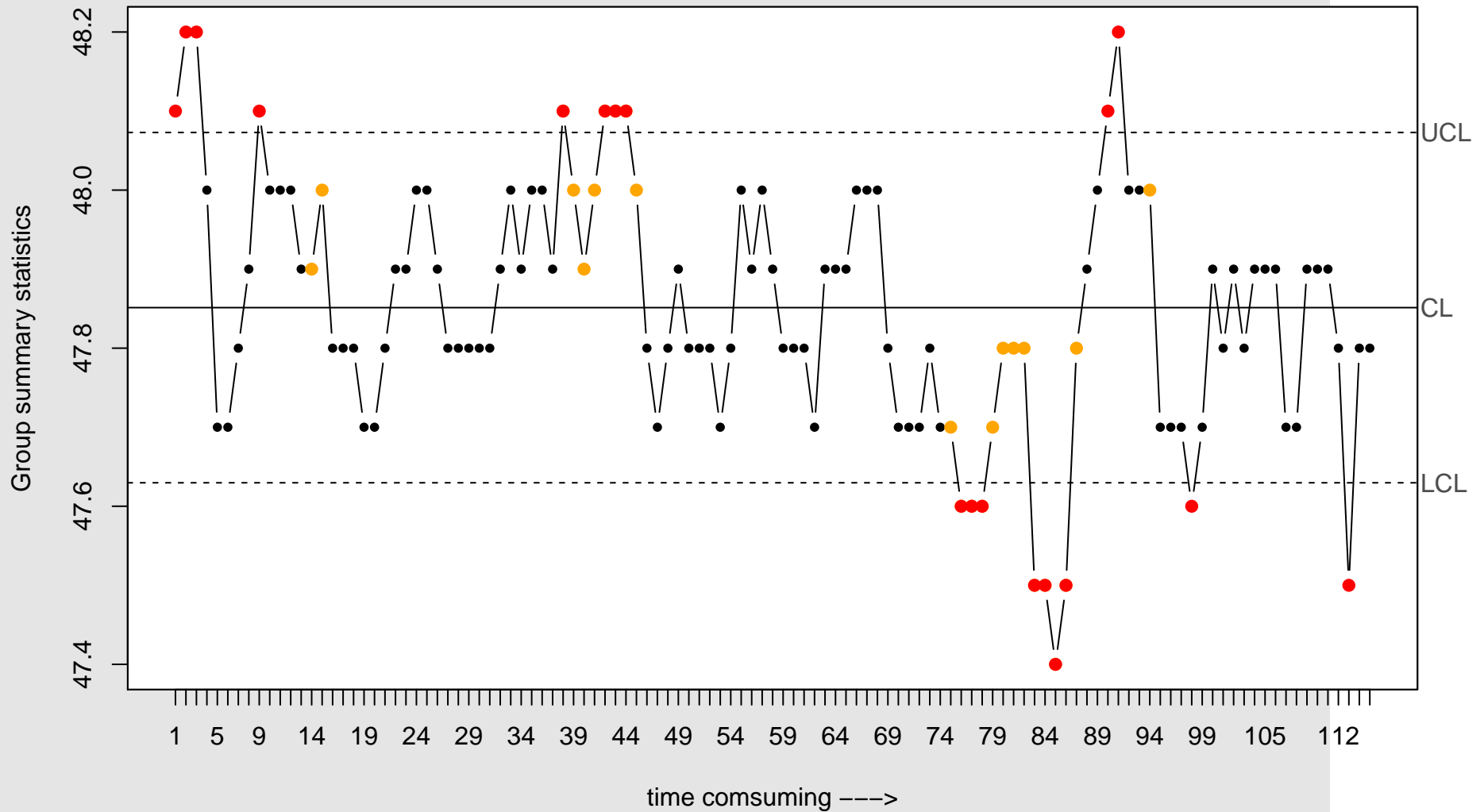
LCL = 47.57092

UCL = 48.07951

Number beyond limits = 12

Number violating runs = 19

162th column point of this product

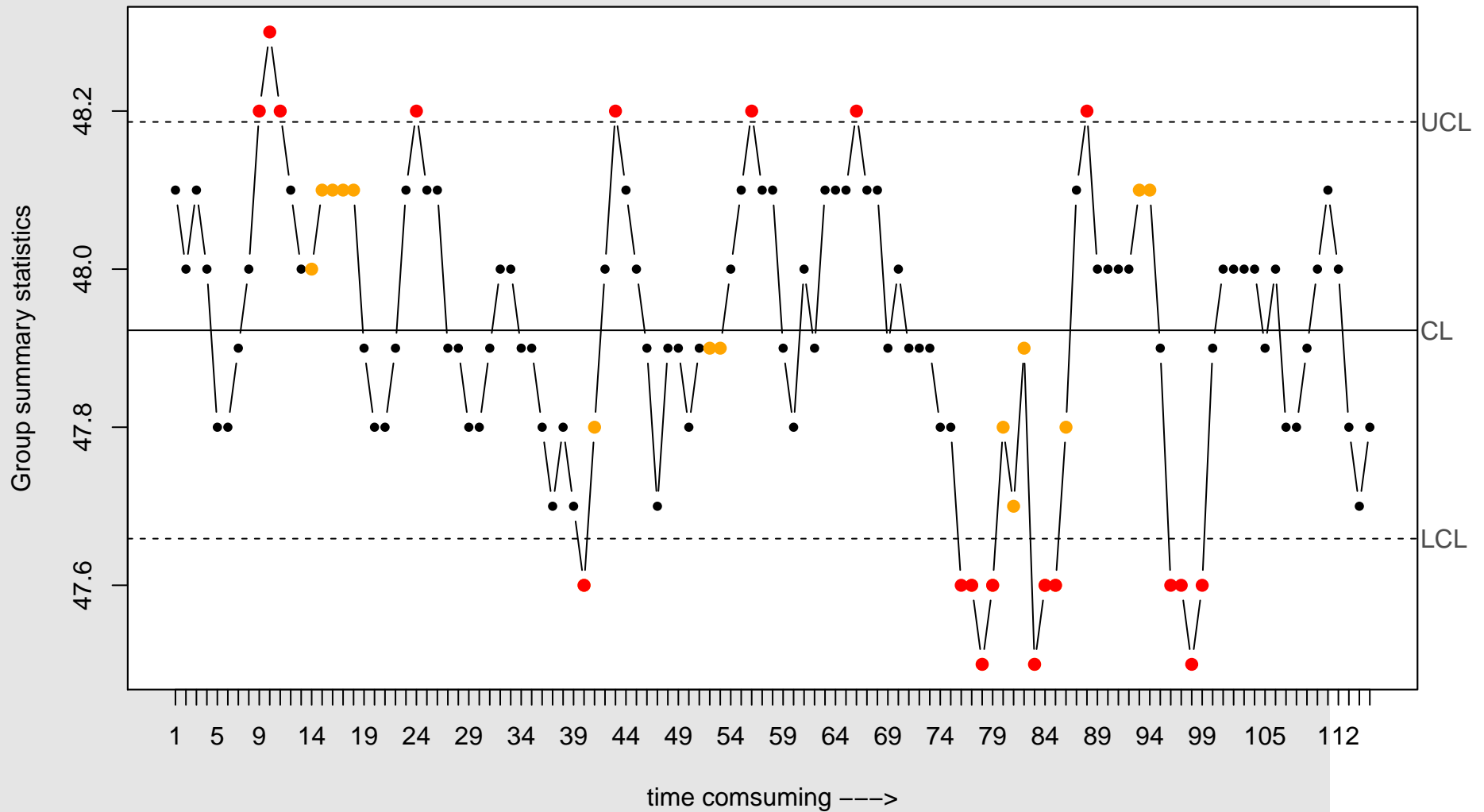


Number of groups = 115
 Center = 47.8513
 StdDev = 0.07387707

LCL = 47.62967
 UCL = 48.07294

Number beyond limits = 19
 Number violating runs = 24

163th column point of this product

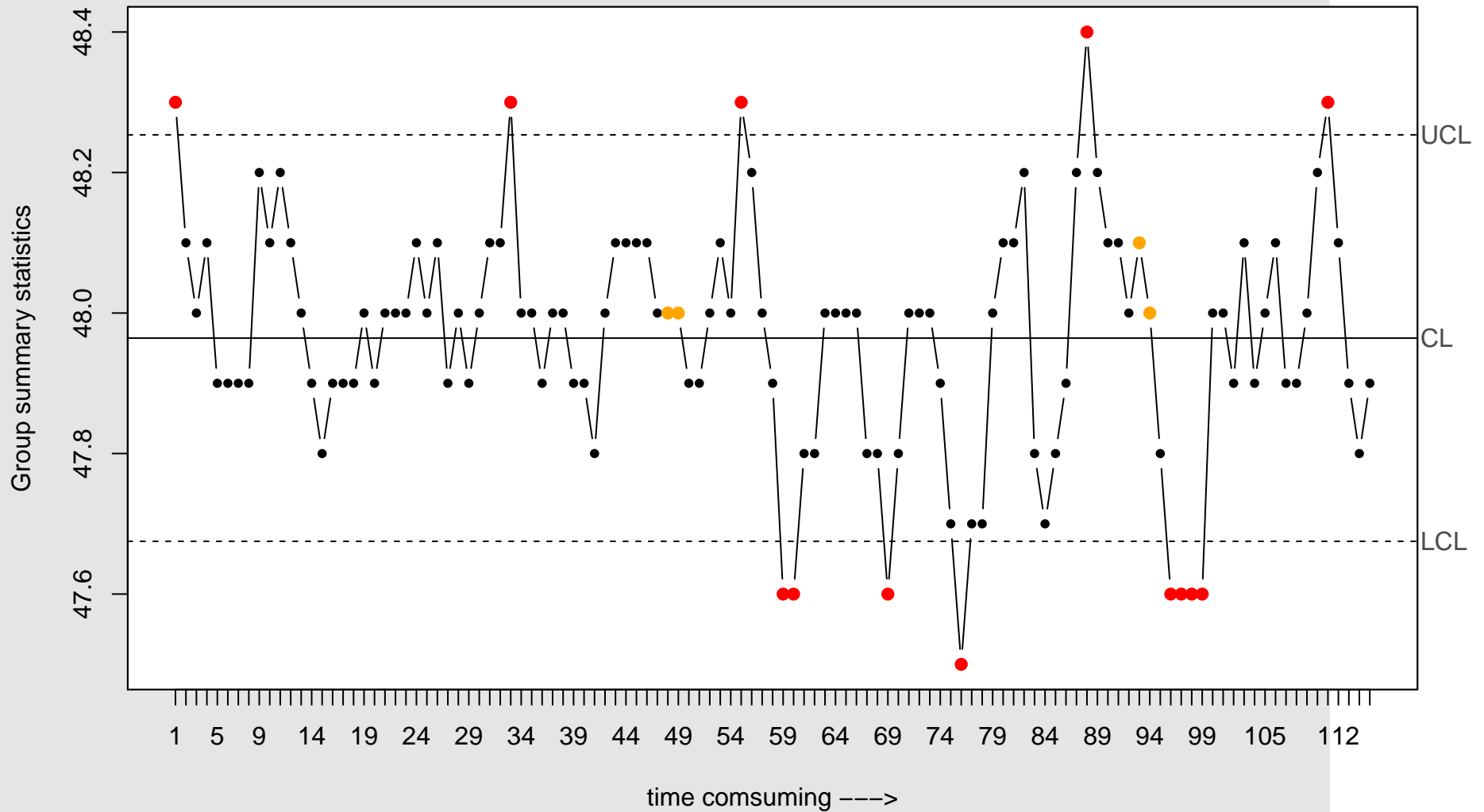


Number of groups = 115
 Center = 47.92261
 StdDev = 0.08787483

LCL = 47.65898
 UCL = 48.18623

Number beyond limits = 20
 Number violating runs = 21

164th column point of this product

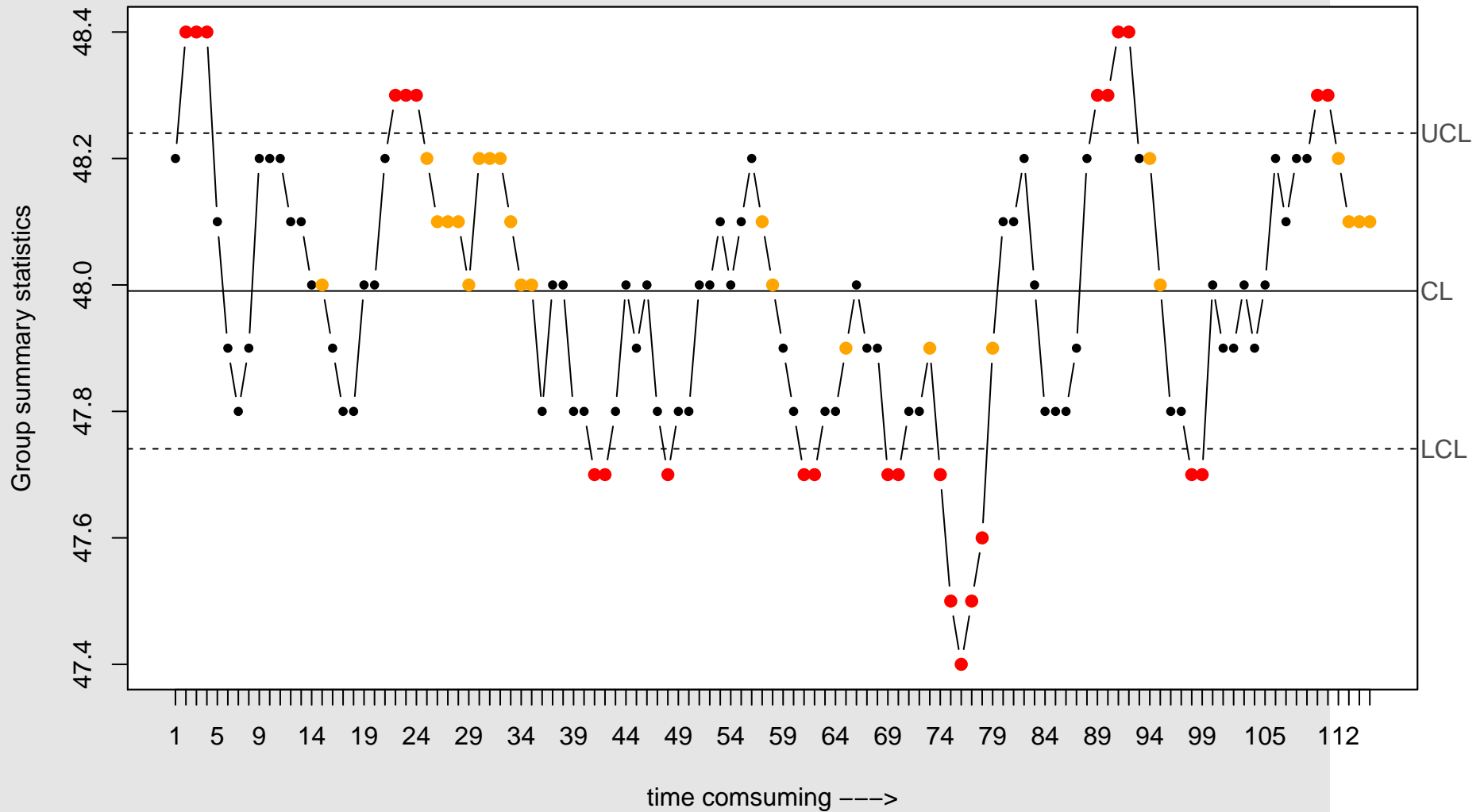


Number of groups = 115
 Center = 47.96435
 StdDev = 0.09642902

LCL = 47.67506
 UCL = 48.25363

Number beyond limits = 13
 Number violating runs = 4

165th column point of this product

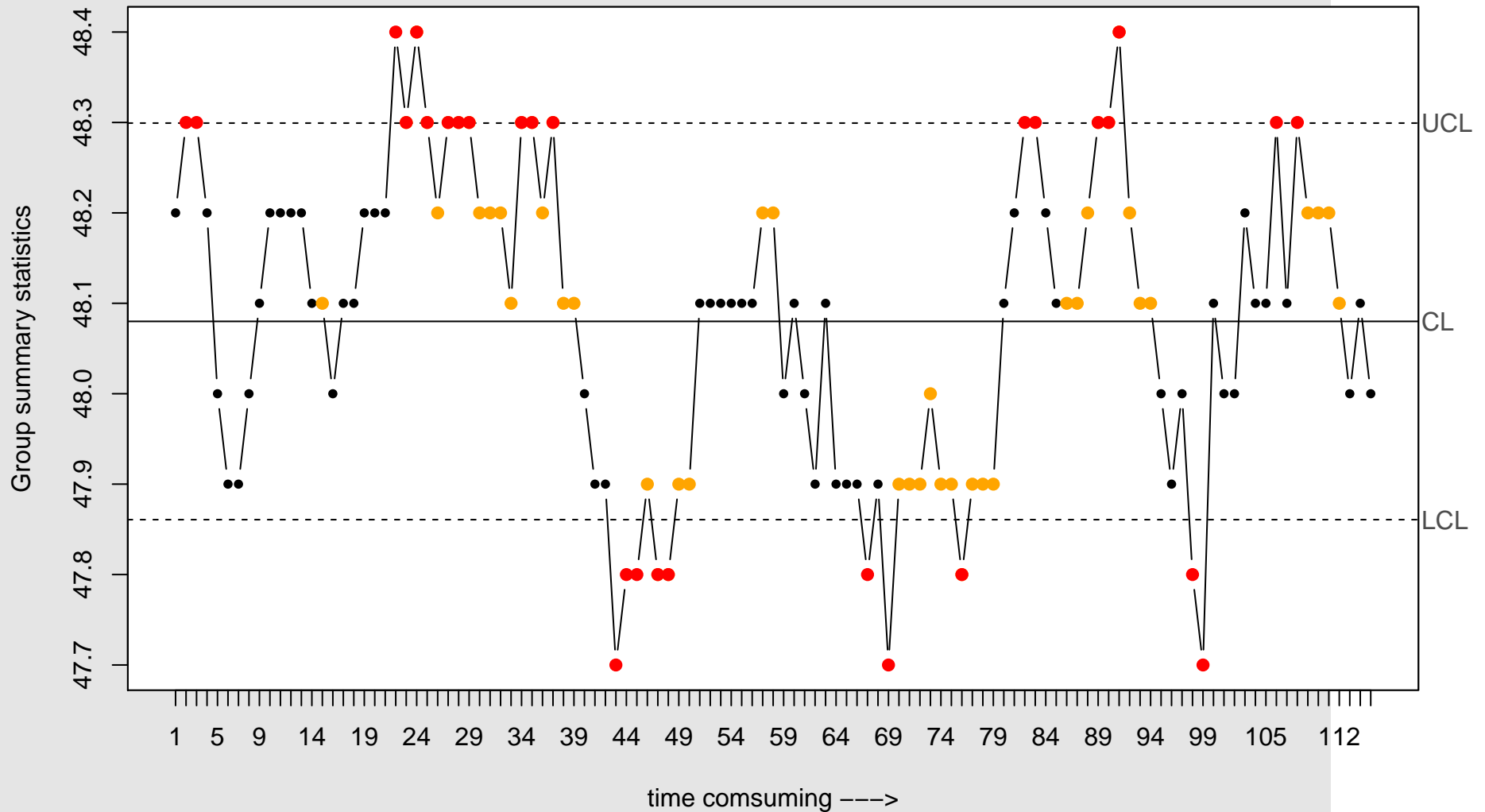


Number of groups = 115
Center = 47.99043
StdDev = 0.08320891

LCL = 47.74081
UCL = 48.24006

Number beyond limits = 26
Number violating runs = 29

166th column point of this product

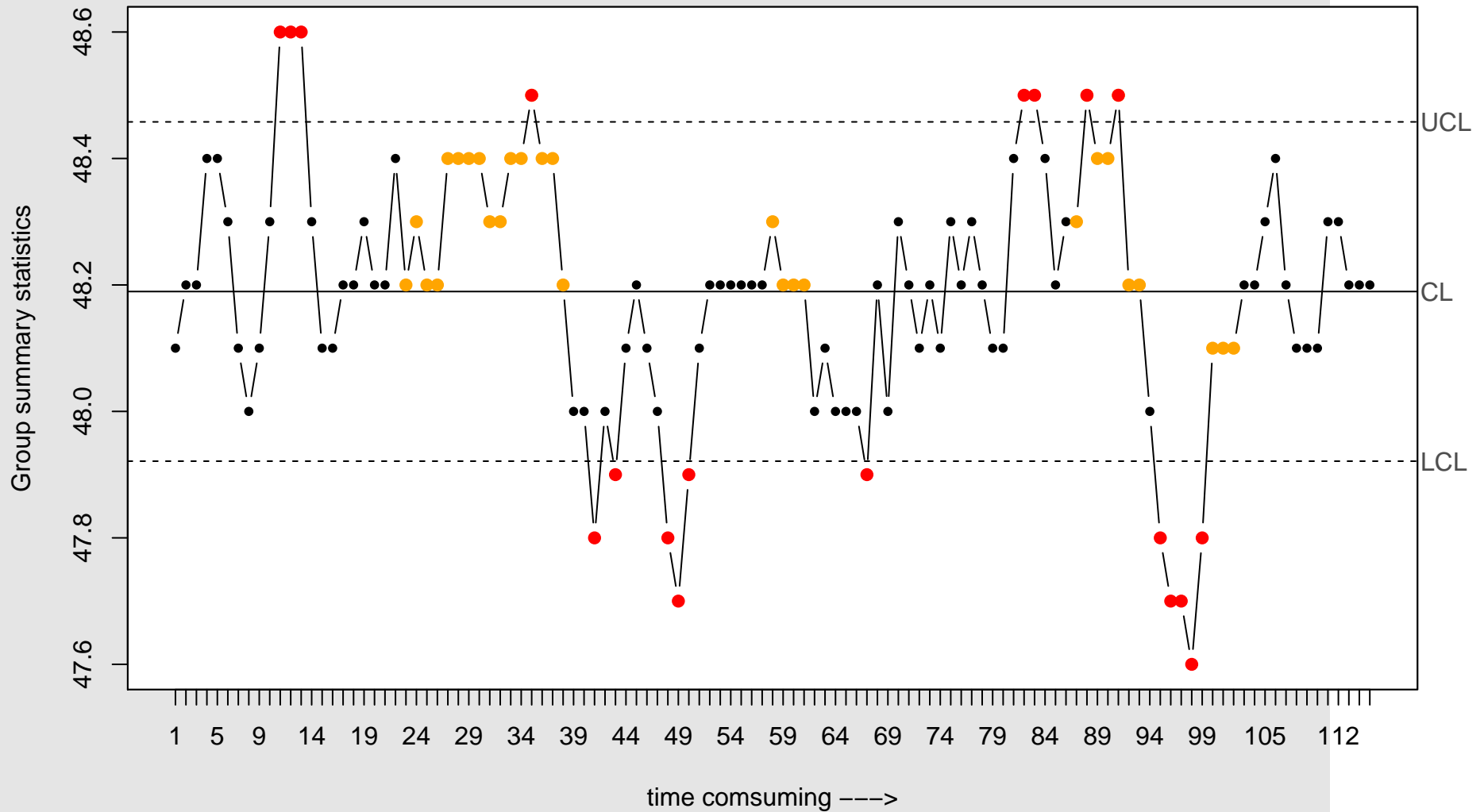


Number of groups = 115
Center = 48.08
StdDev = 0.07309942

LCL = 47.8607
UCL = 48.2993

Number beyond limits = 29
Number violating runs = 48

167th column point of this product

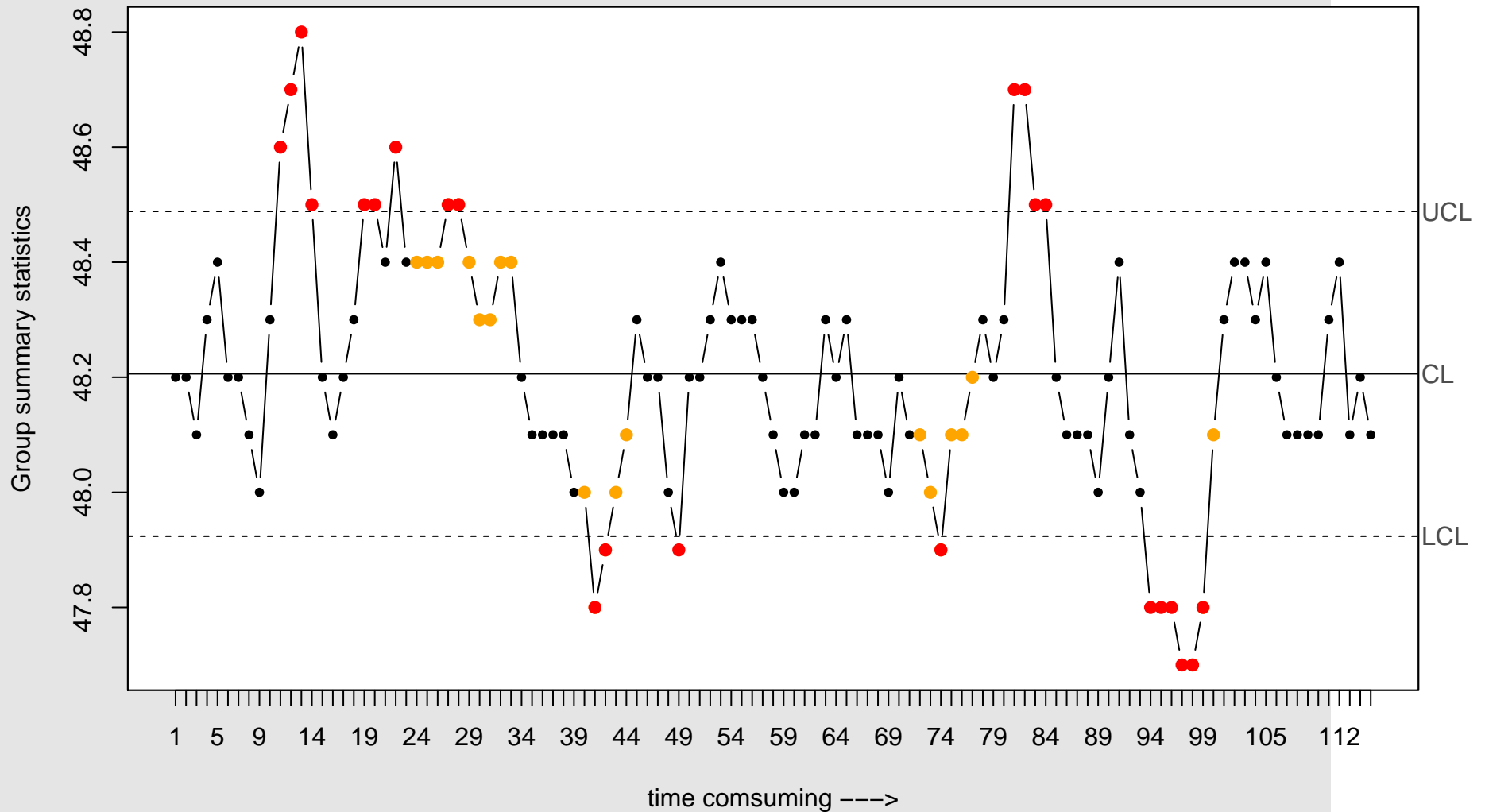


Number of groups = 115
 Center = 48.18957
 StdDev = 0.08943014

LCL = 47.92127
 UCL = 48.45786

Number beyond limits = 19
 Number violating runs = 30

168th column point of this product

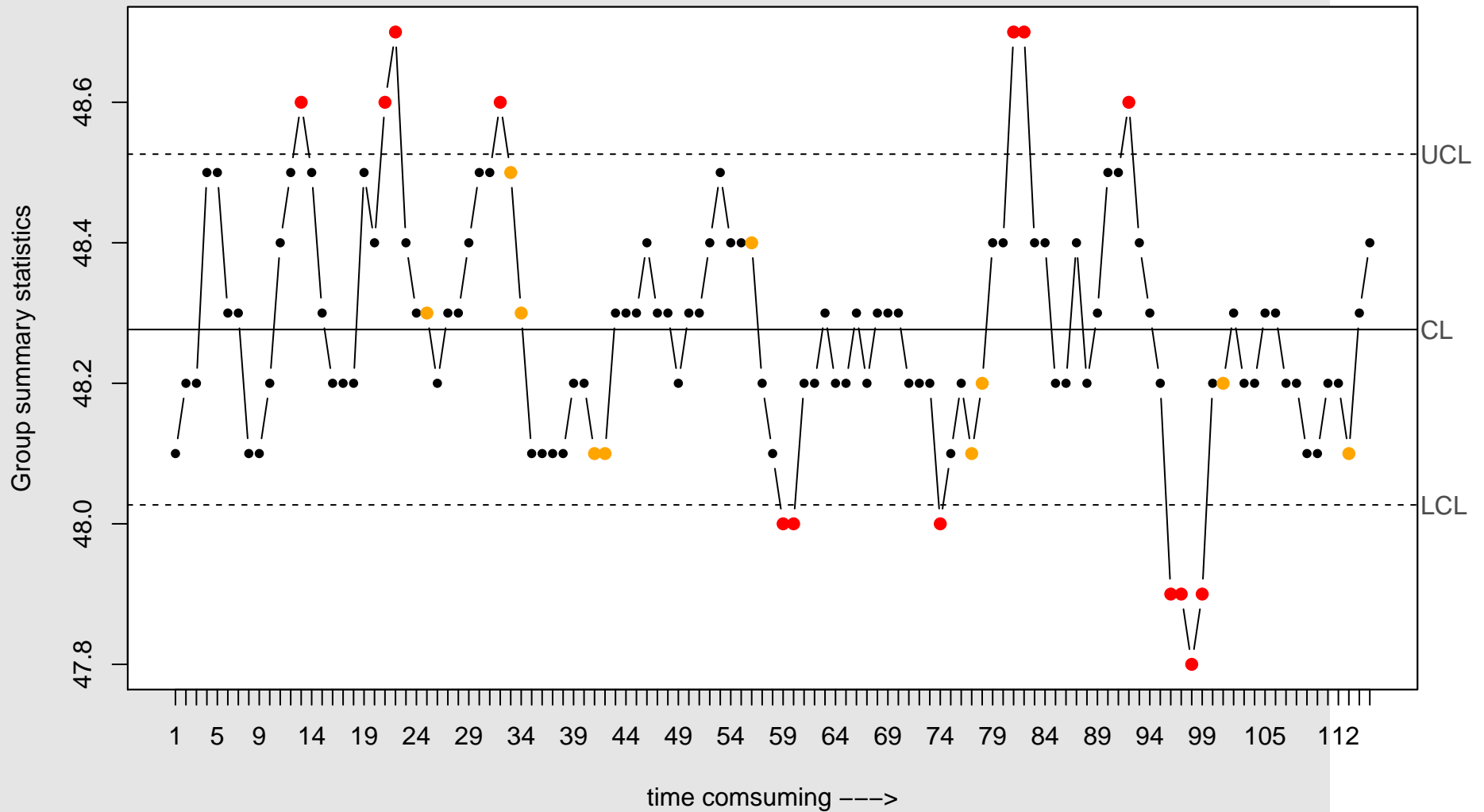


Number of groups = 115
Center = 48.20609
StdDev = 0.09409606

LCL = 47.9238
UCL = 48.48838

Number beyond limits = 23
Number violating runs = 24

169th column point of this product

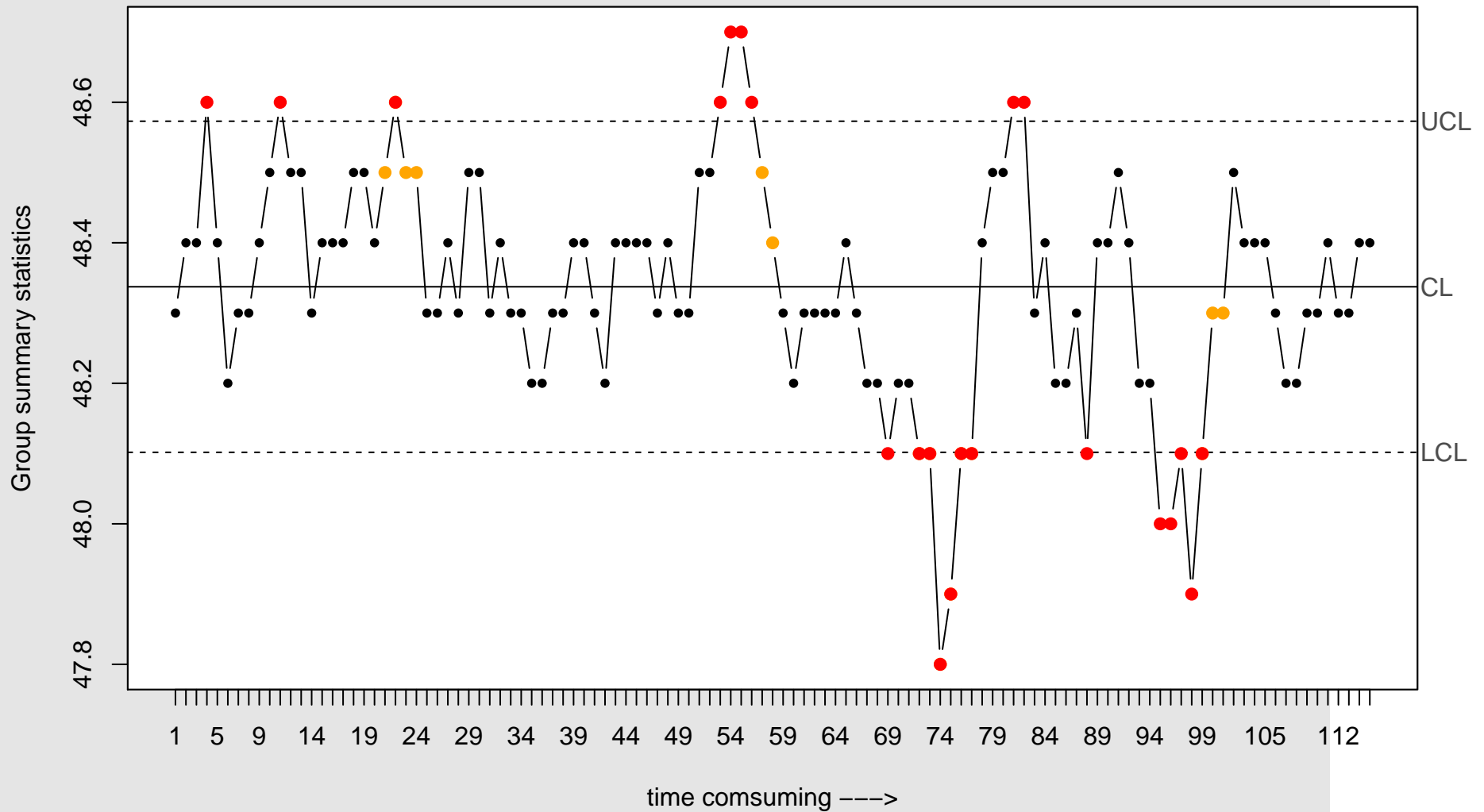


Number of groups = 115
 Center = 48.27652
 StdDev = 0.08320891

LCL = 48.0269
 UCL = 48.52615

Number beyond limits = 14
 Number violating runs = 10

170th column point of this product



Number of groups = 115

Center = 48.33739

StdDev = 0.07854299

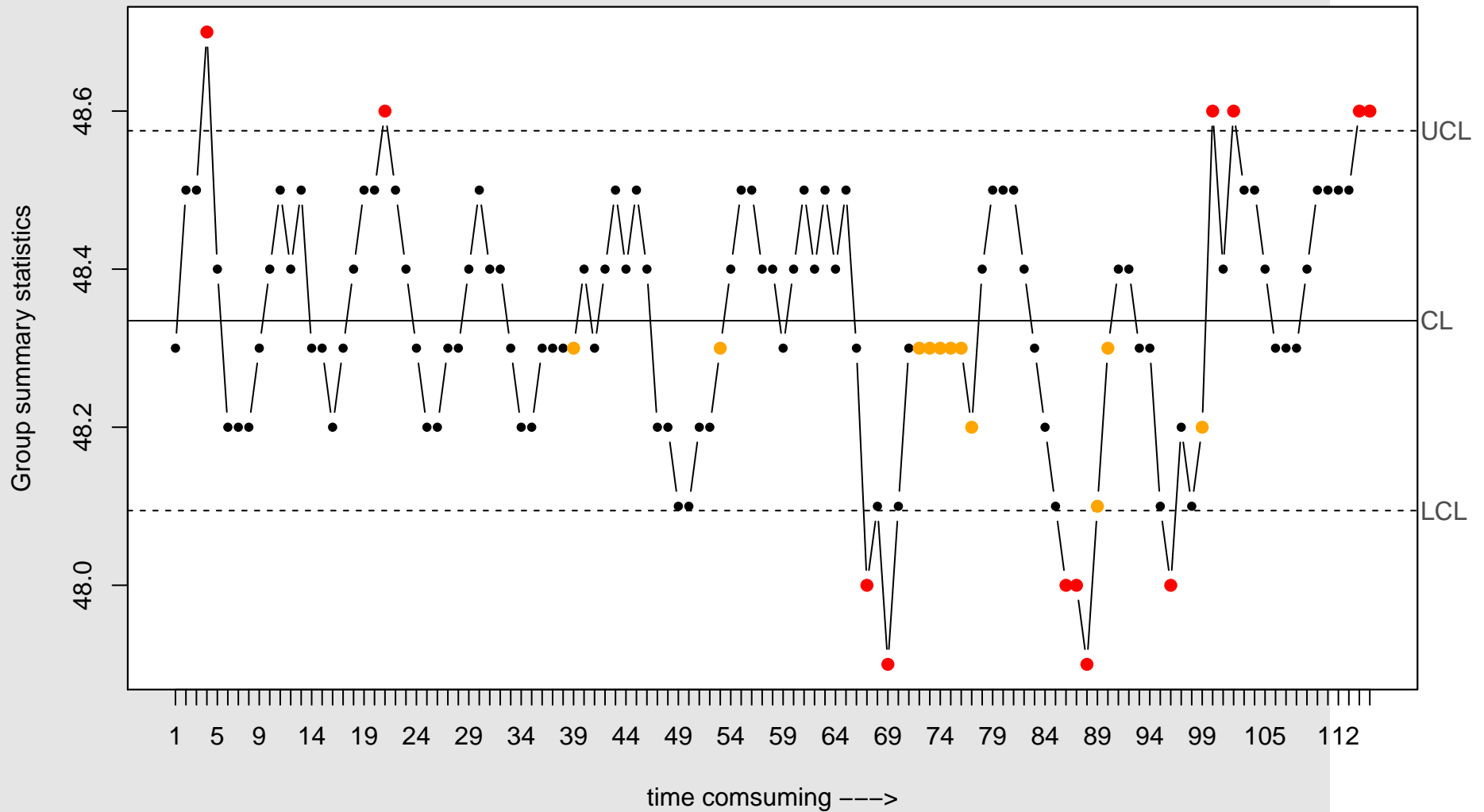
LCL = 48.10176

UCL = 48.57302

Number beyond limits = 22

Number violating runs = 15

171th column point of this product

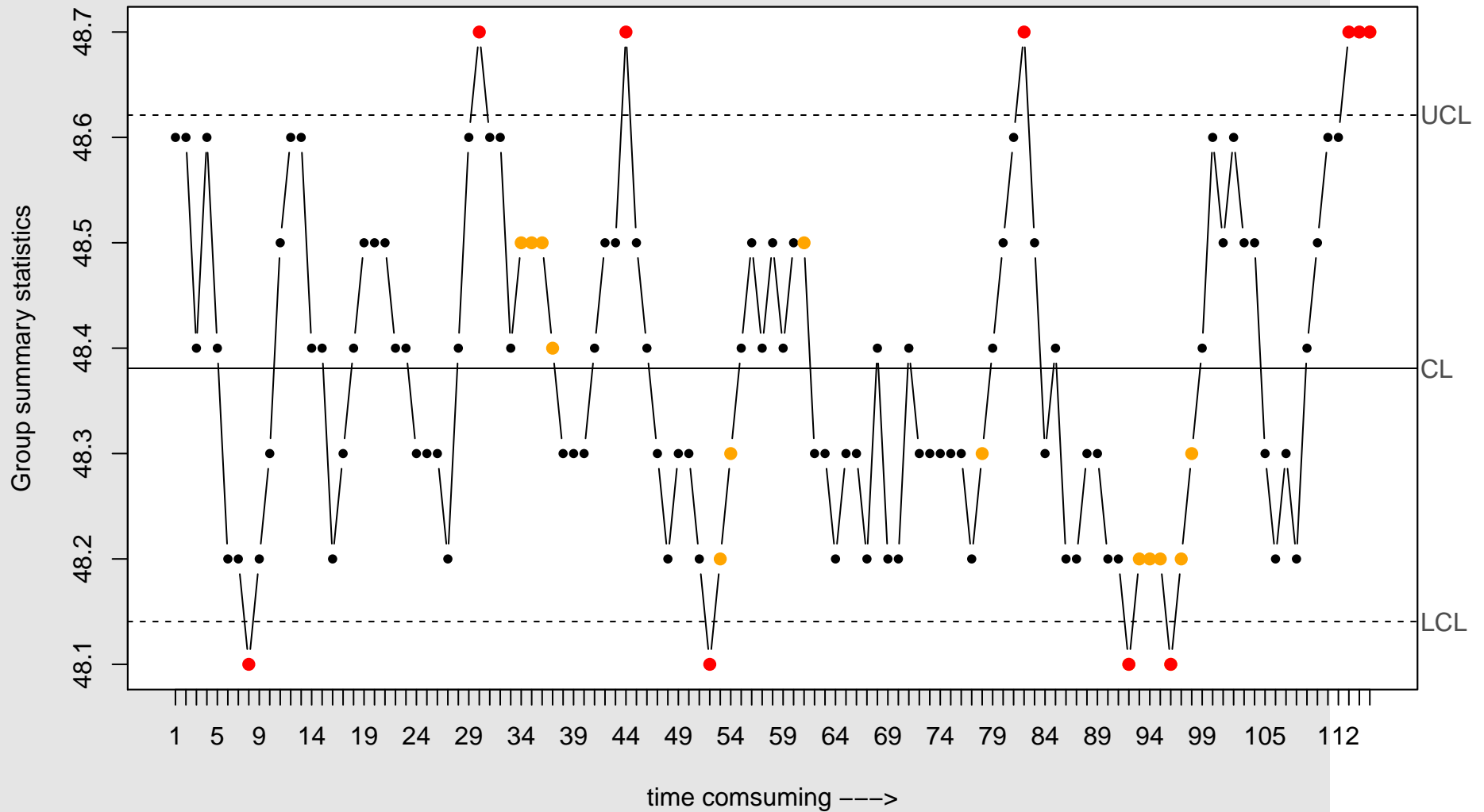


Number of groups = 115
 Center = 48.33478
 StdDev = 0.0800983

LCL = 48.09449
 UCL = 48.57508

Number beyond limits = 12
 Number violating runs = 12

172th column point of this product



Number of groups = 115

Center = 48.38087

StdDev = 0.0800983

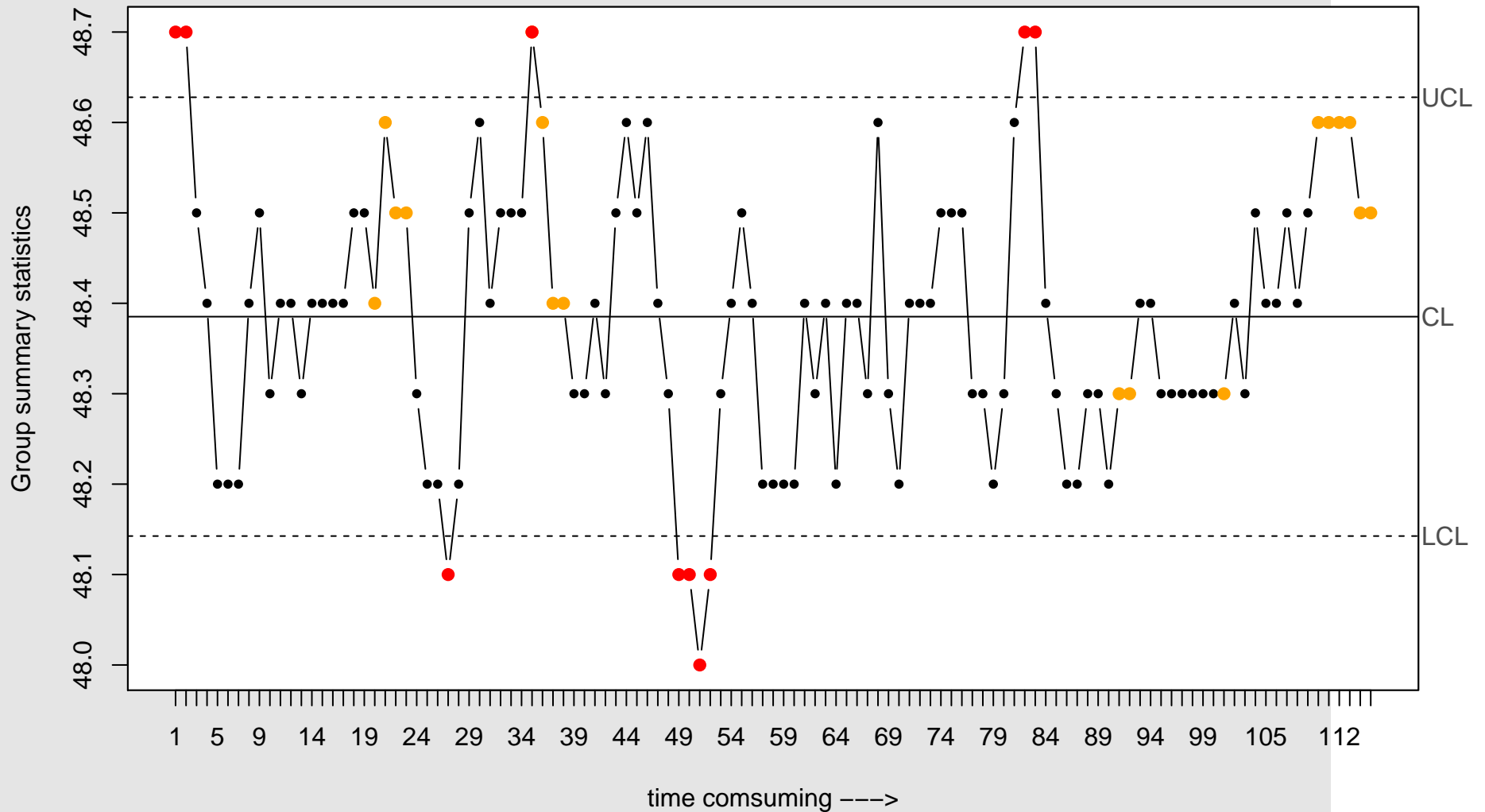
LCL = 48.14057

UCL = 48.62116

Number beyond limits = 10

Number violating runs = 16

173th column point of this product

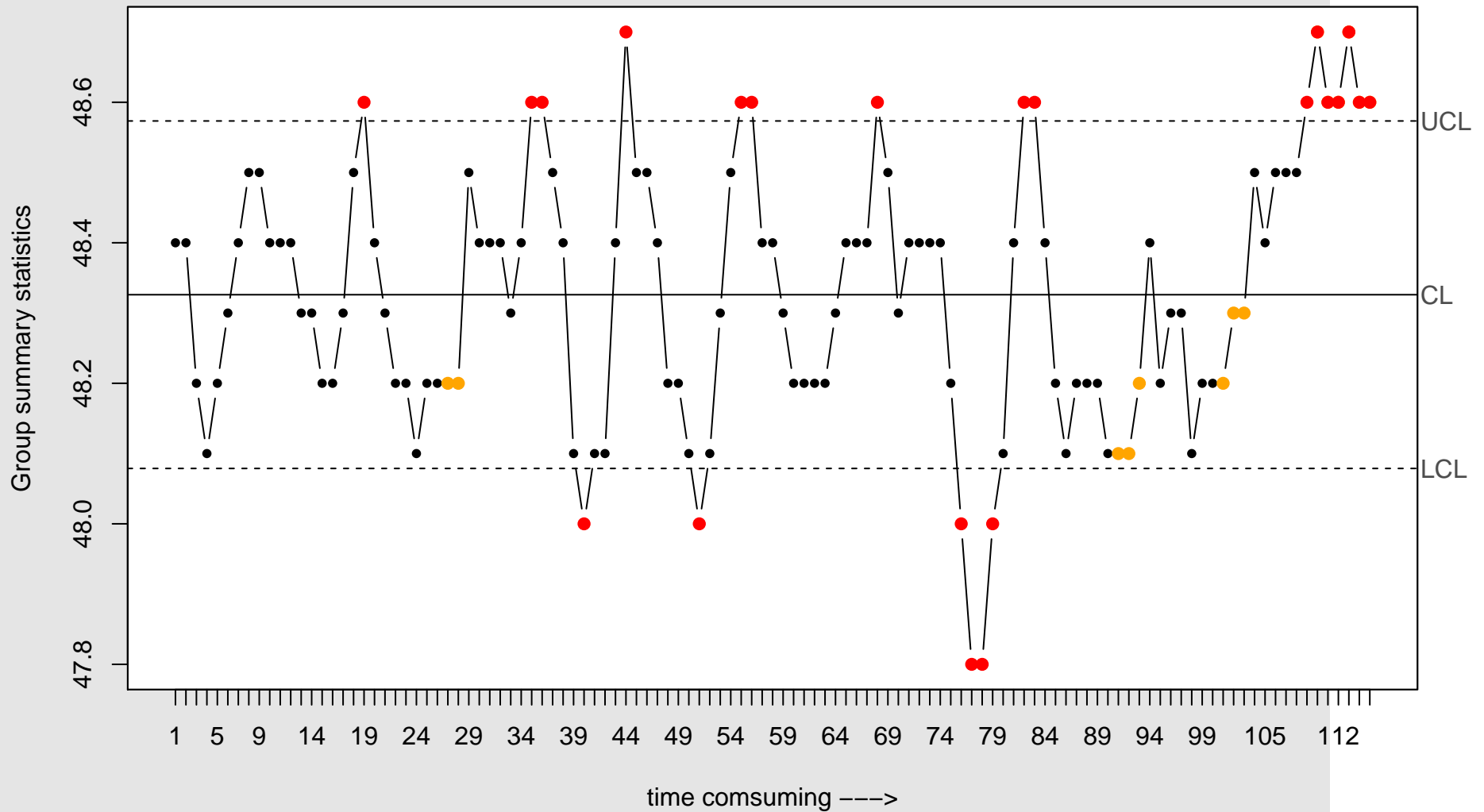


Number of groups = 115
 Center = 48.38522
 StdDev = 0.08087595

LCL = 48.14259
 UCL = 48.62785

Number beyond limits = 10
 Number violating runs = 17

174th column point of this product

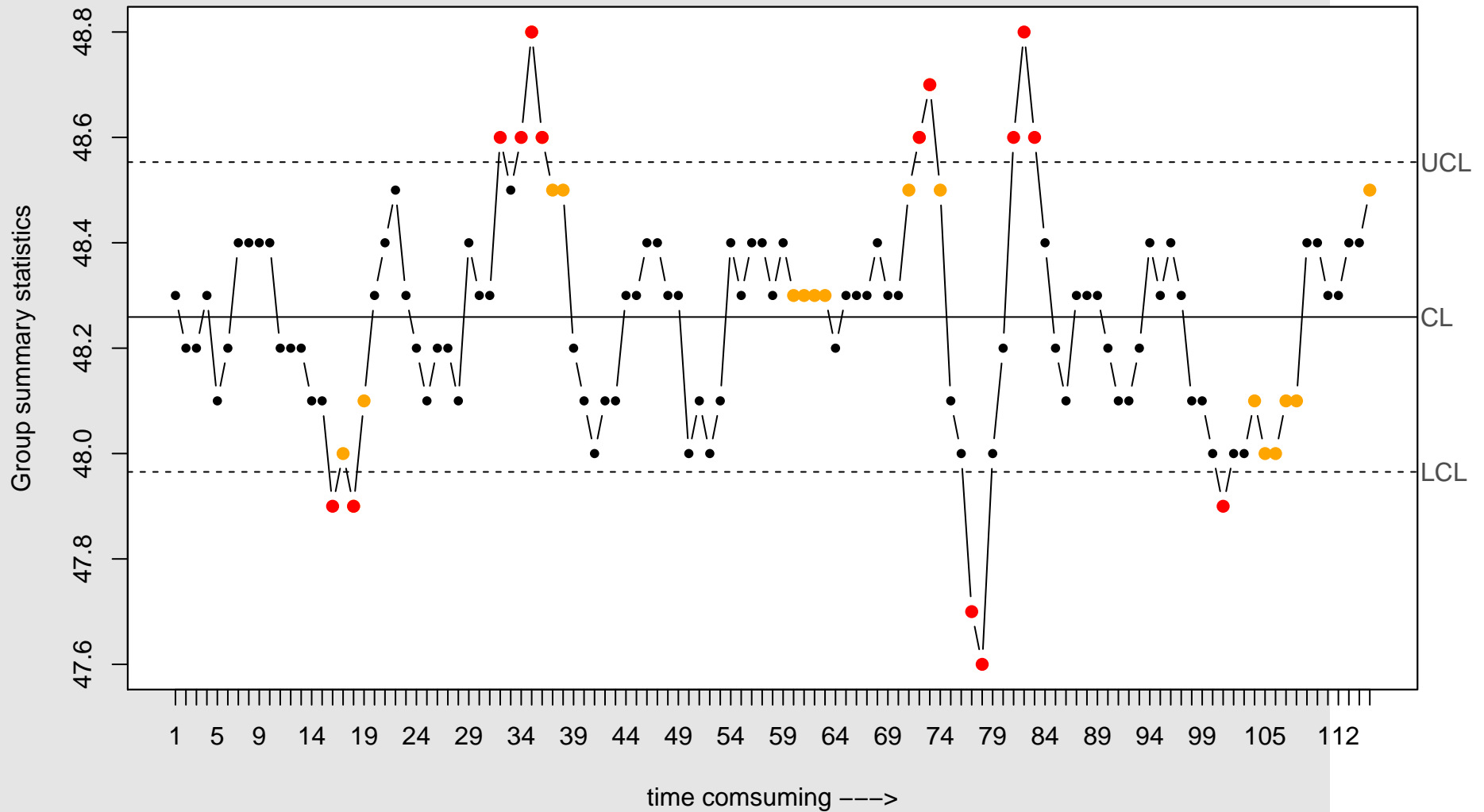


Number of groups = 115
 Center = 48.32609
 StdDev = 0.08243126

LCL = 48.07879
 UCL = 48.57338

Number beyond limits = 22
 Number violating runs = 14

175th column point of this product

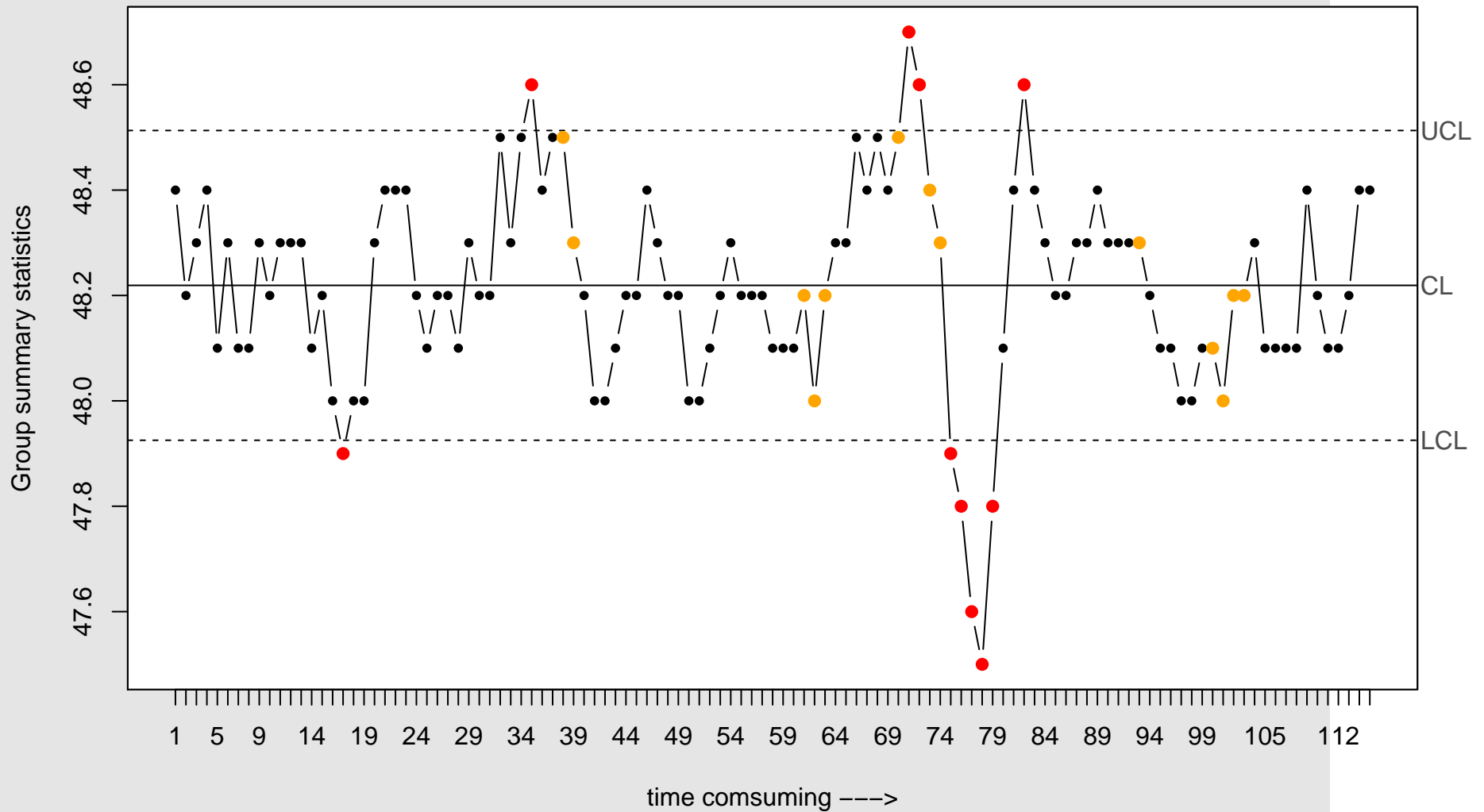


Number of groups = 115
 Center = 48.25913
 StdDev = 0.09798432

LCL = 47.96518
 UCL = 48.55308

Number beyond limits = 14
 Number violating runs = 21

176th column point of this product

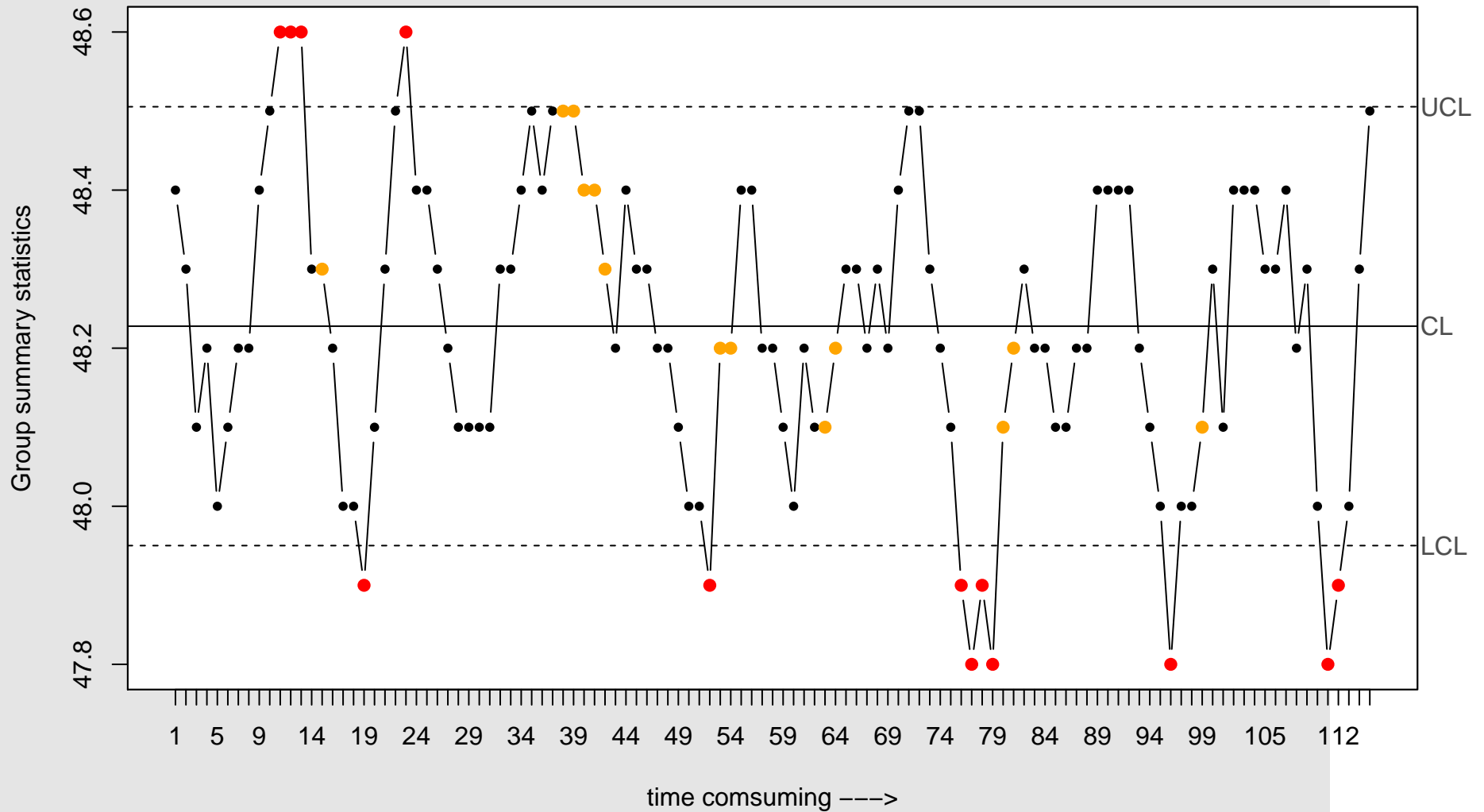


Number of groups = 115
Center = 48.21913
StdDev = 0.09798432

LCL = 47.92518
UCL = 48.51308

Number beyond limits = 10
Number violating runs = 15

177th column point of this product

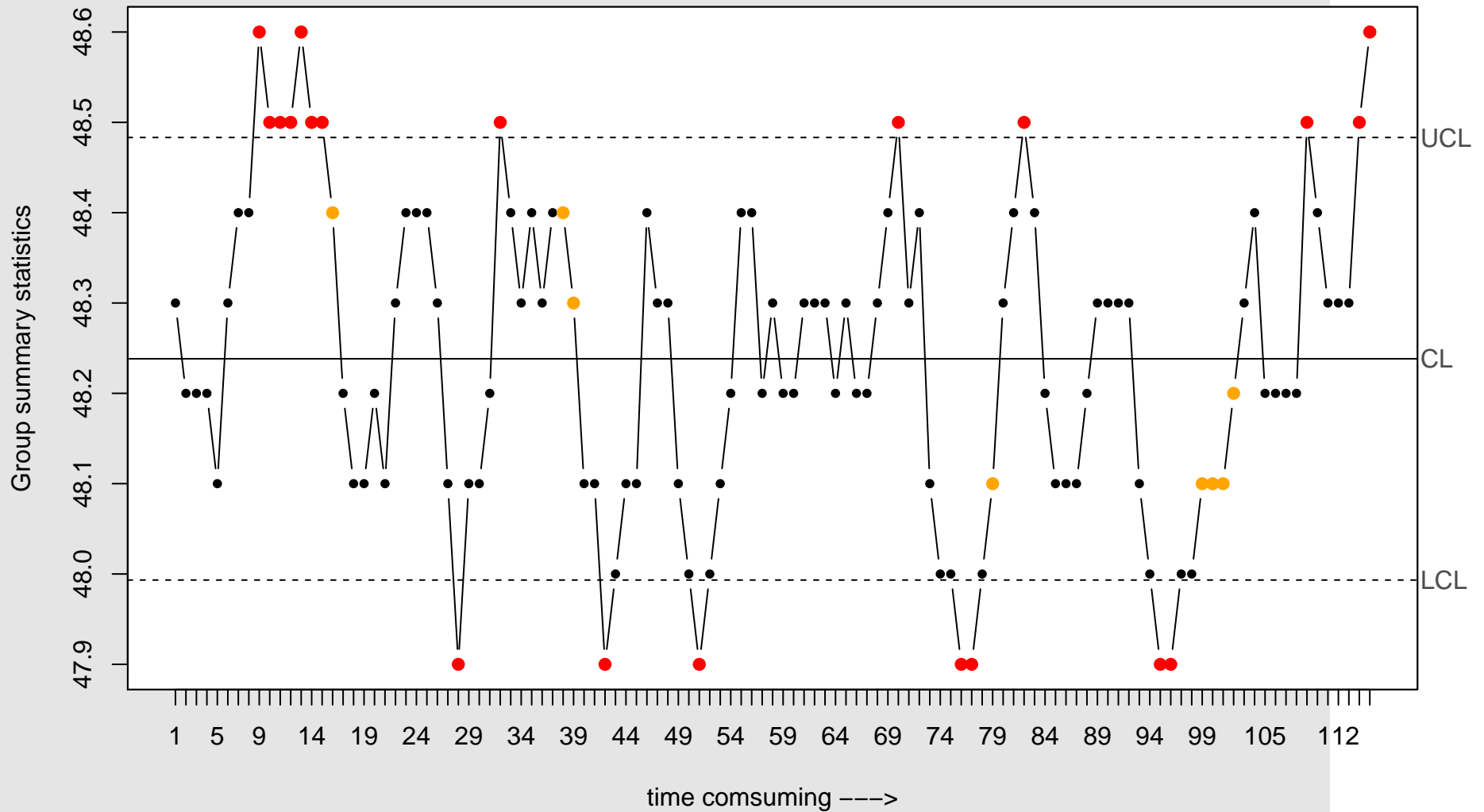


Number of groups = 115
Center = 48.22783
StdDev = 0.09254075

LCL = 47.9502
UCL = 48.50545

Number beyond limits = 13
Number violating runs = 13

178th column point of this product



Number of groups = 115

Center = 48.23826

StdDev = 0.0816536

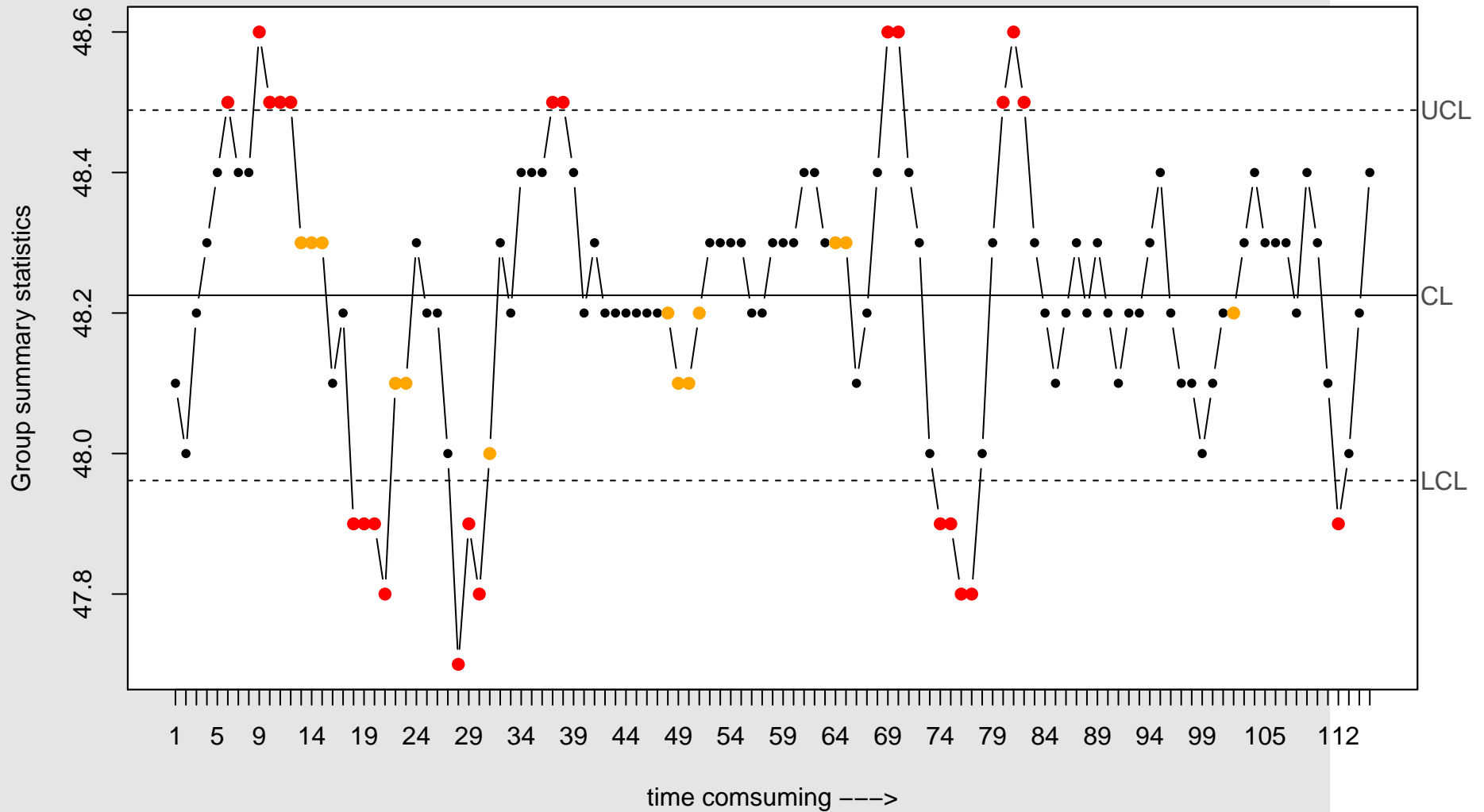
LCL = 47.9933

UCL = 48.48322

Number beyond limits = 20

Number violating runs = 13

179th column point of this product

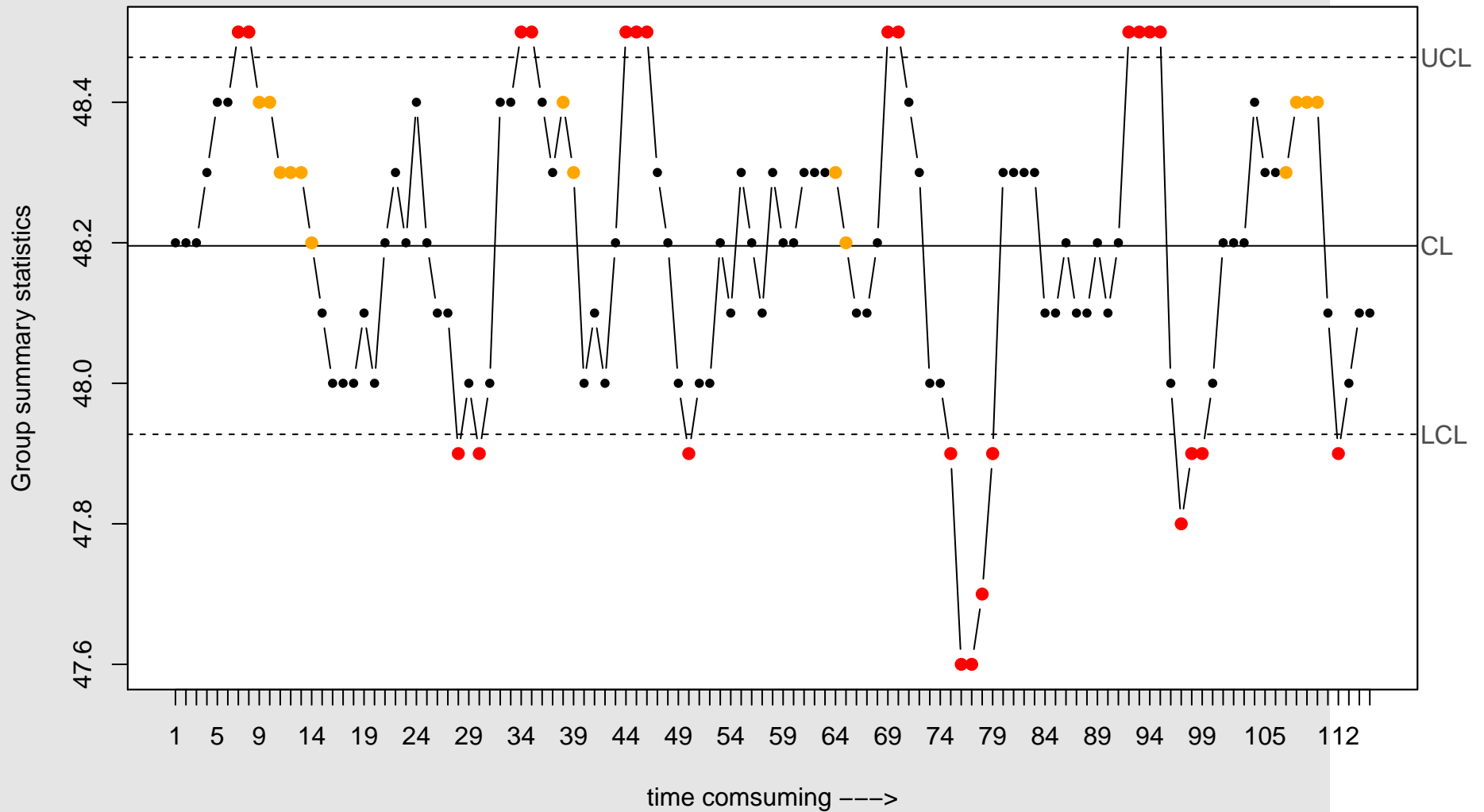


Number of groups = 115
 Center = 48.22522
 StdDev = 0.08787483

LCL = 47.96159
 UCL = 48.48884

Number beyond limits = 24
 Number violating runs = 16

180th column point of this product

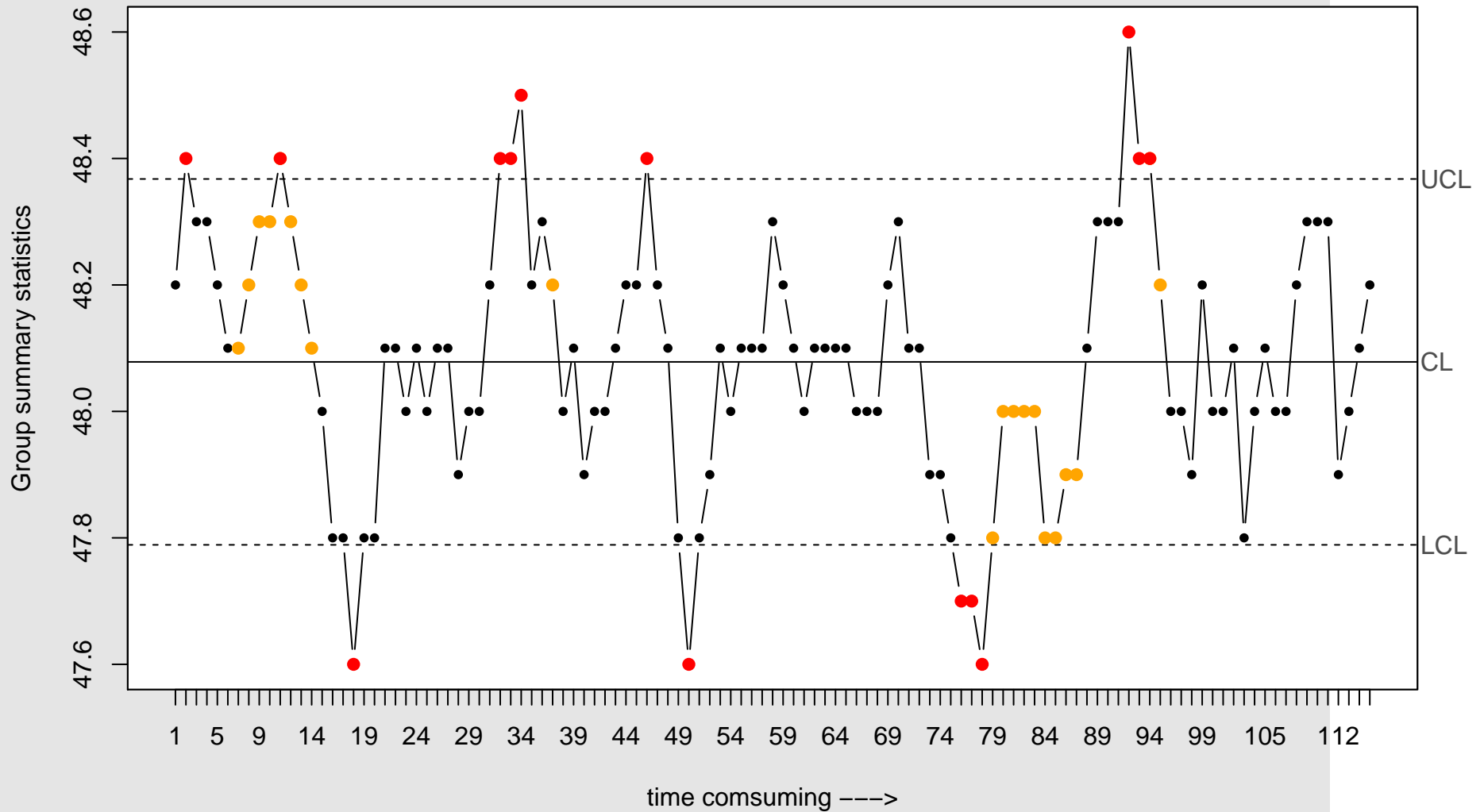


Number of groups = 115
 Center = 48.19565
 StdDev = 0.08943014

LCL = 47.92736
 UCL = 48.46394

Number beyond limits = 25
 Number violating runs = 17

181th column point of this product

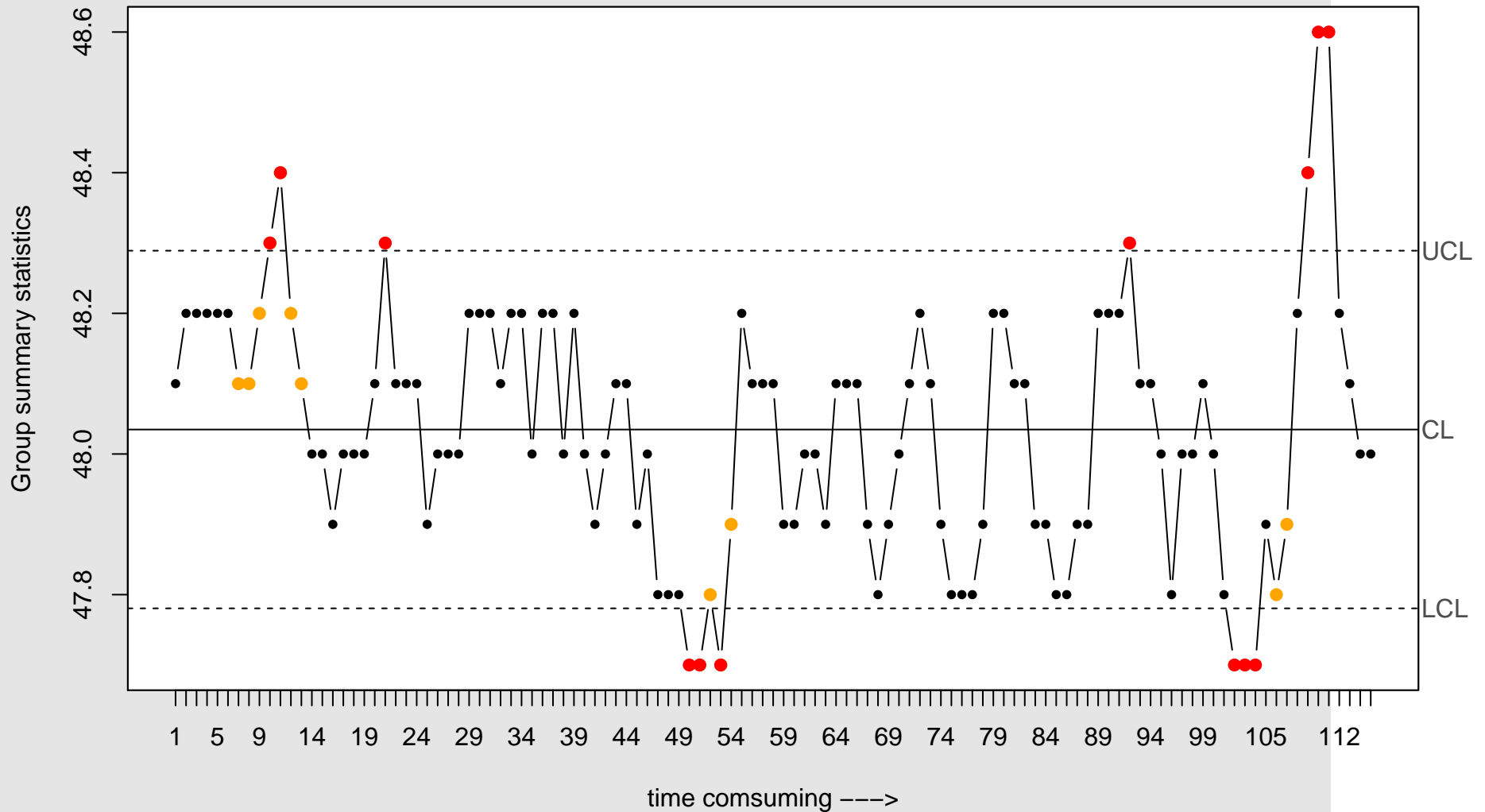


Number of groups = 115
 Center = 48.07826
 StdDev = 0.09642902

LCL = 47.78897
 UCL = 48.36755

Number beyond limits = 14
 Number violating runs = 20

182th column point of this product

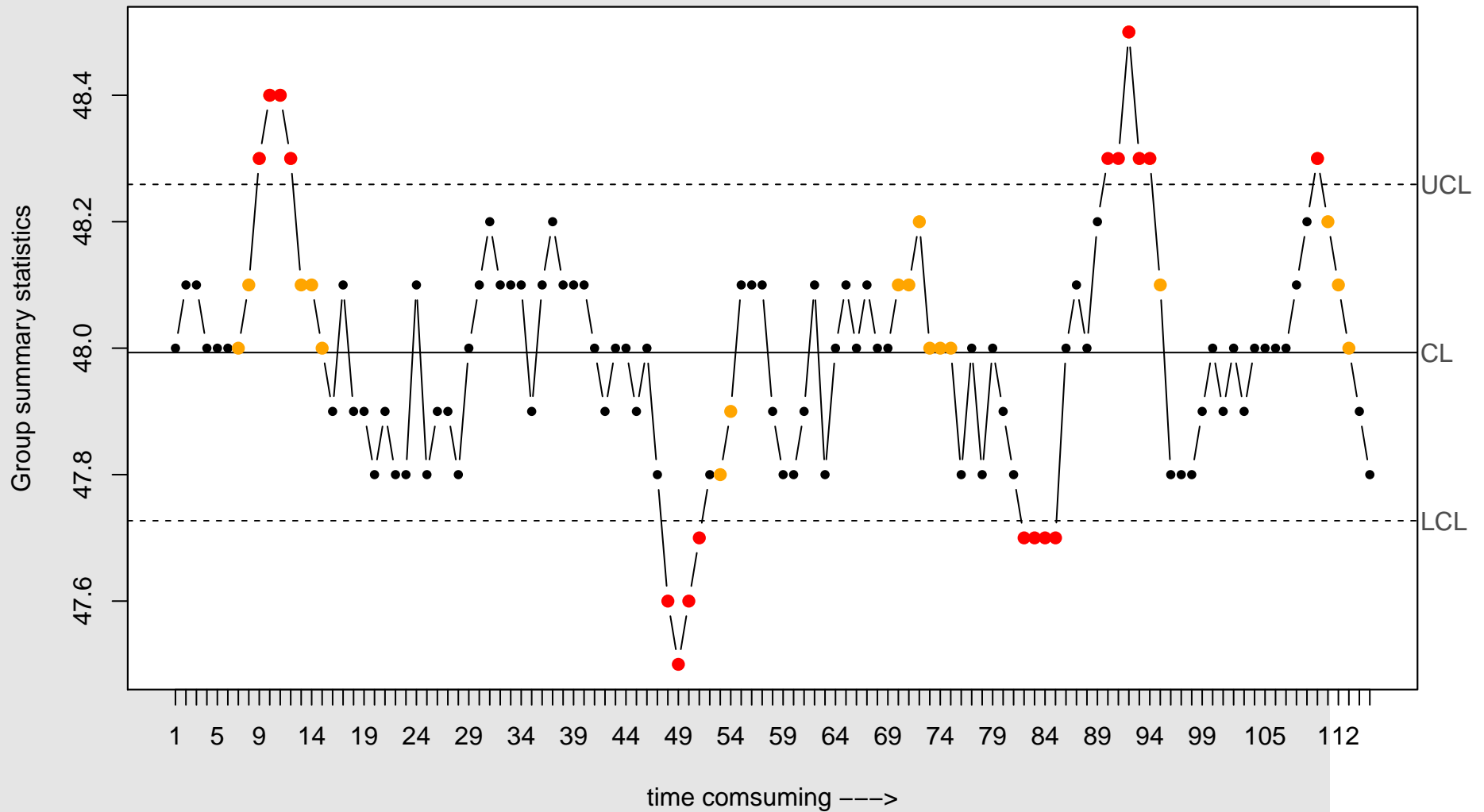


Number of groups = 115
 Center = 48.03478
 StdDev = 0.08476422

LCL = 47.78049
 UCL = 48.28908

Number beyond limits = 13
 Number violating runs = 13

183th column point of this product

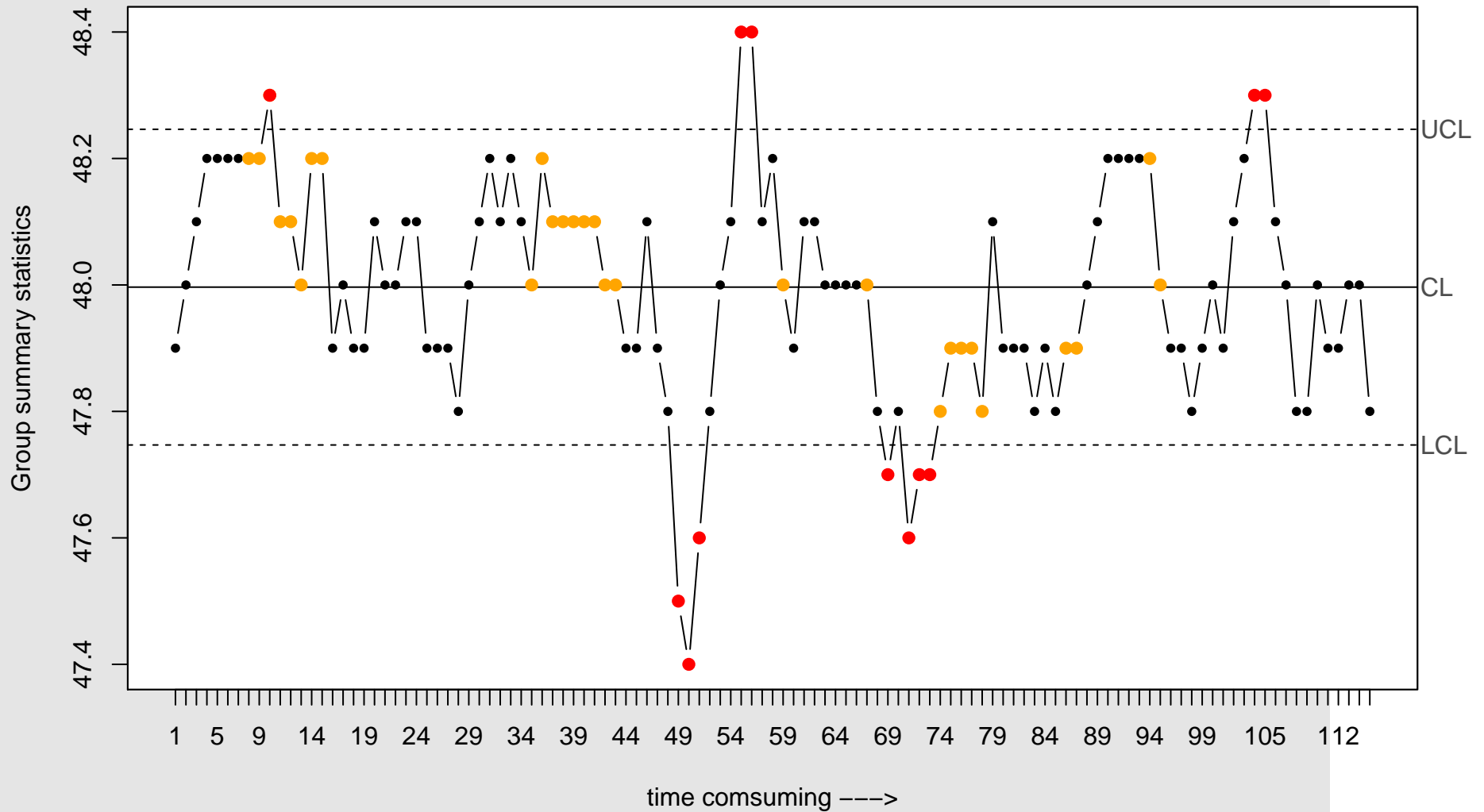


Number of groups = 115
 Center = 47.99304
 StdDev = 0.08865248

LCL = 47.72709
 UCL = 48.259

Number beyond limits = 18
 Number violating runs = 25

184th column point of this product

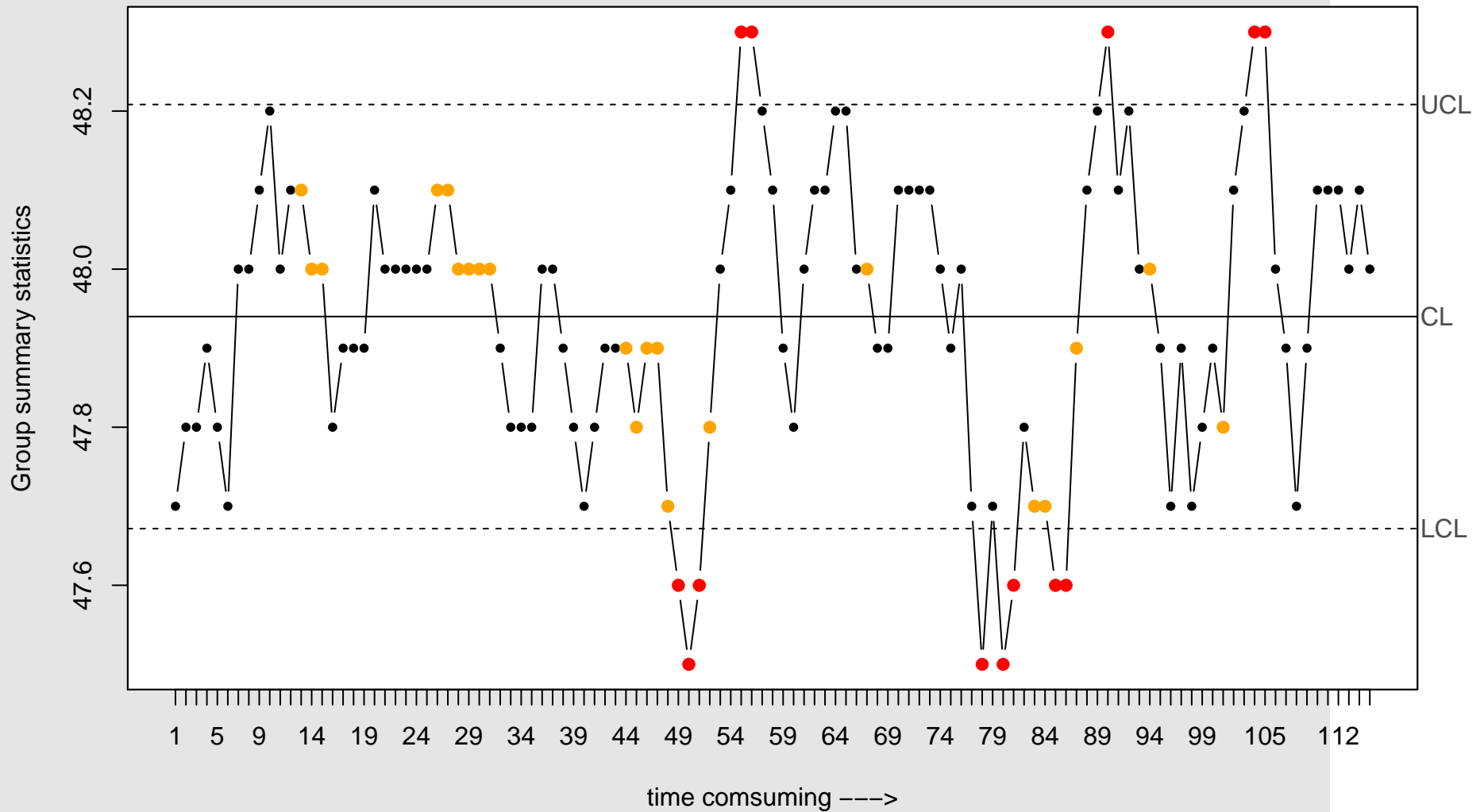


Number of groups = 115
Center = 47.99652
StdDev = 0.08320891

LCL = 47.7469
UCL = 48.24615

Number beyond limits = 12
Number violating runs = 28

185th column point of this product

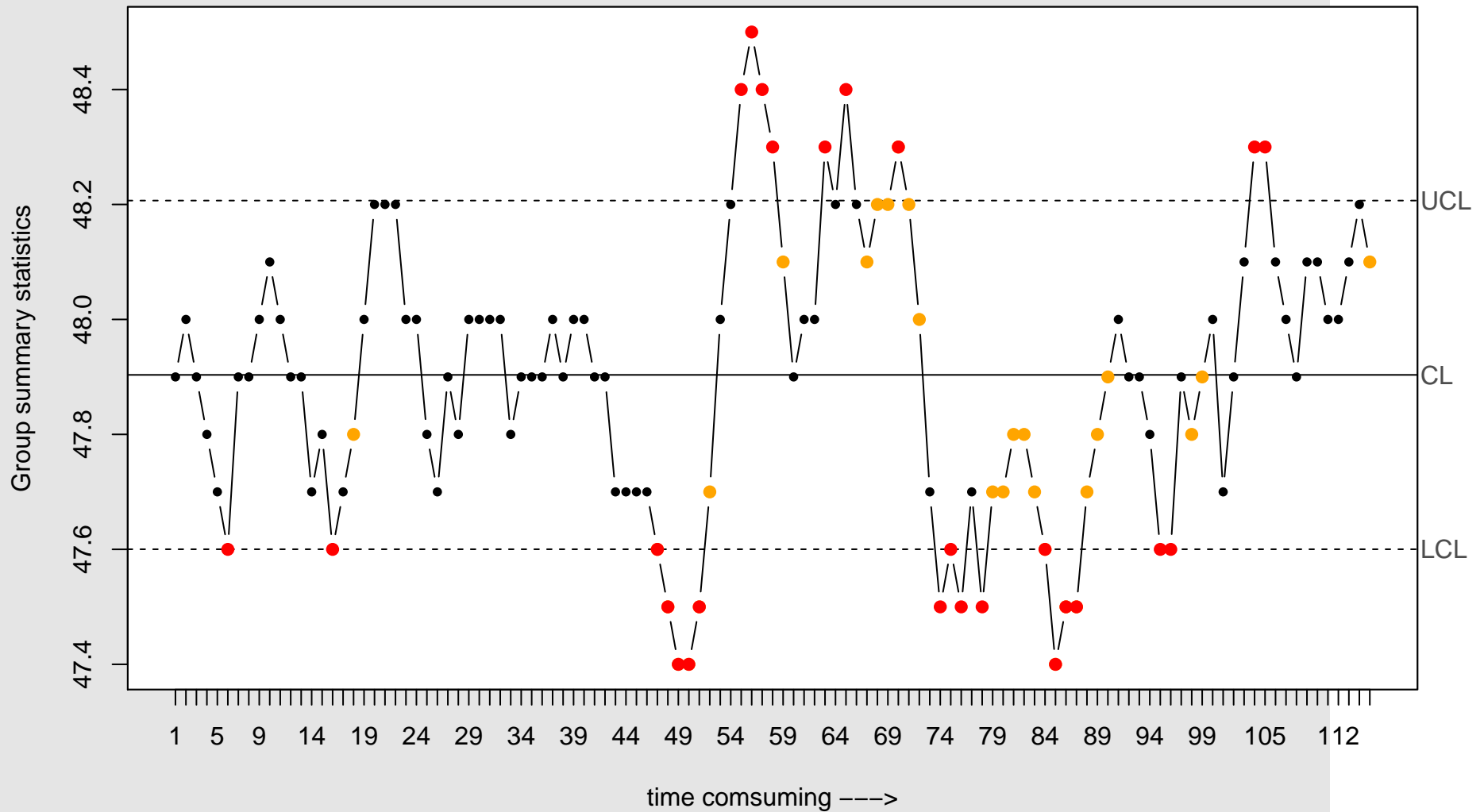


Number of groups = 115
 Center = 47.94
 StdDev = 0.08943014

LCL = 47.67171
 UCL = 48.20829

Number beyond limits = 13
 Number violating runs = 26

186th column point of this product



Number of groups = 115

Center = 47.90348

StdDev = 0.1010949

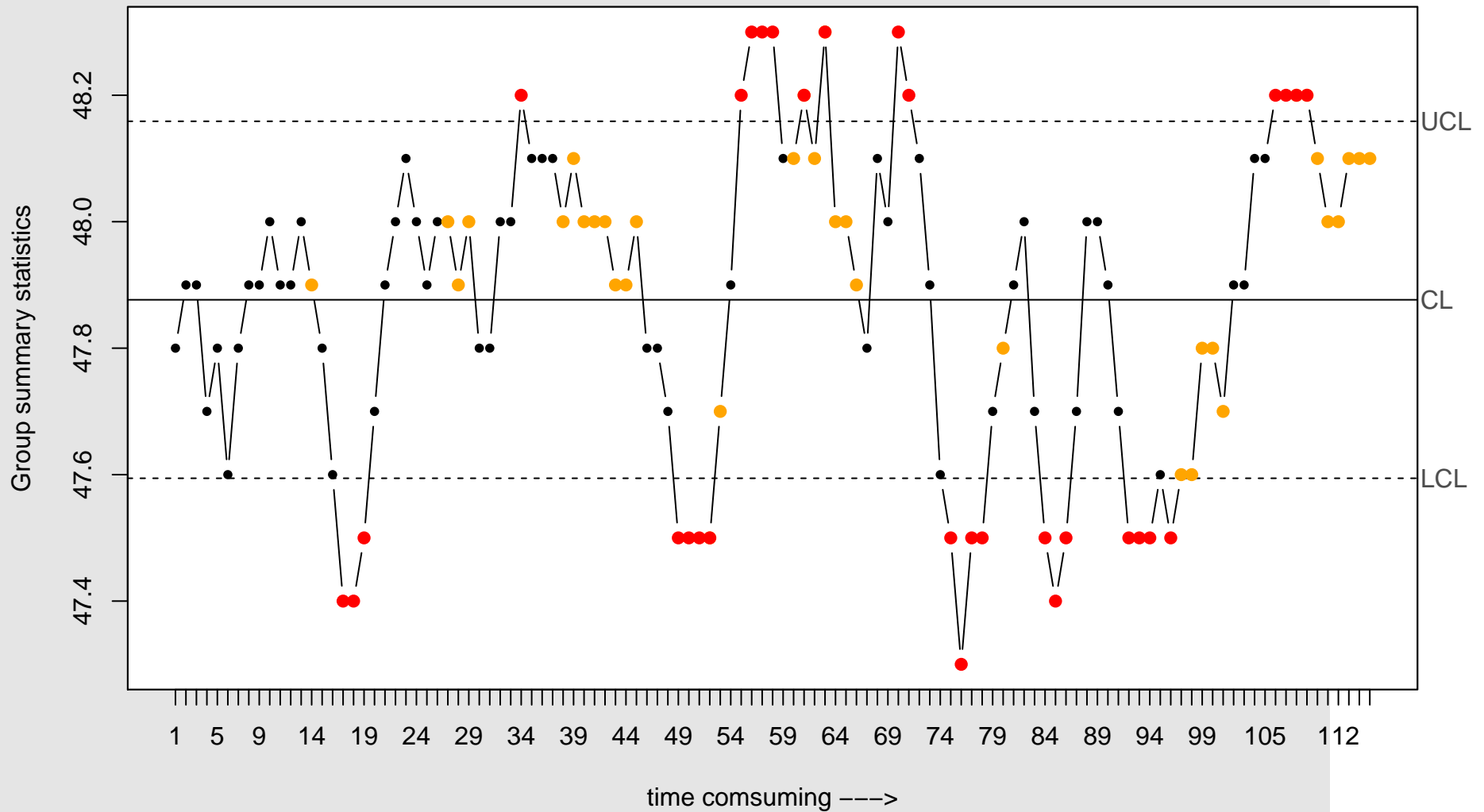
LCL = 47.60019

UCL = 48.20676

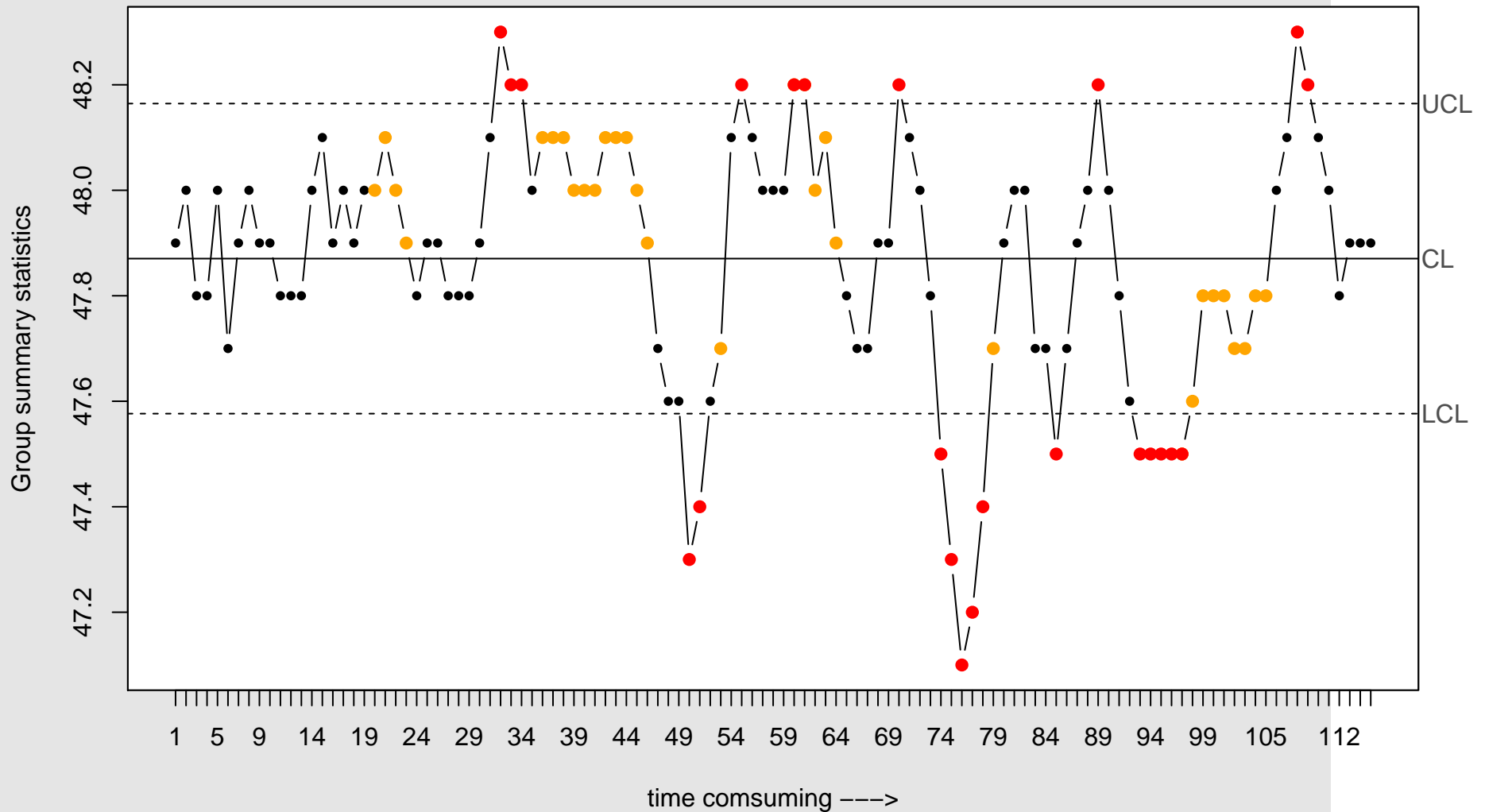
Number beyond limits = 26

Number violating runs = 29

187th column point of this product



188th column point of this product



Number of groups = 115

Center = 47.87043

StdDev = 0.09798432

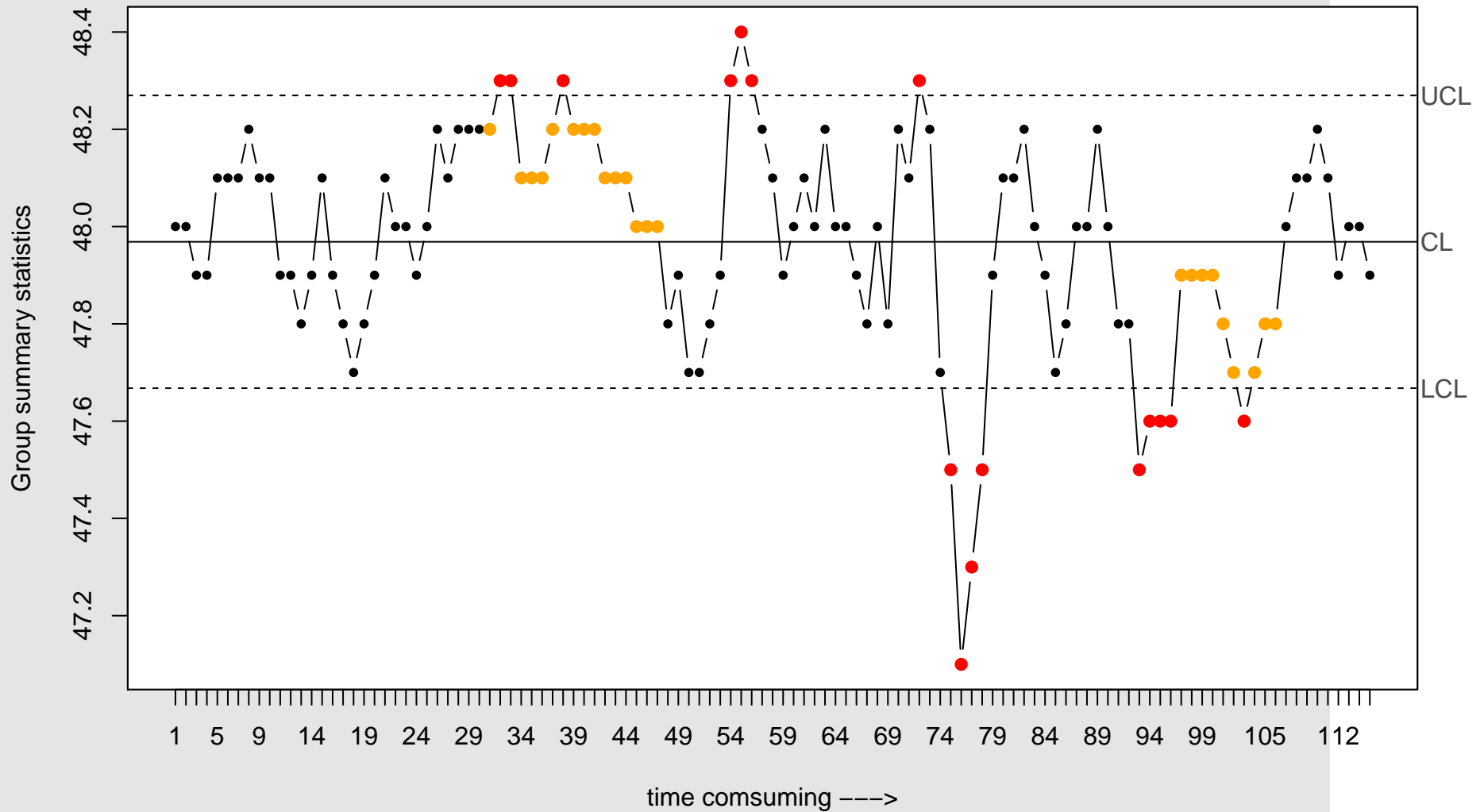
LCL = 47.57648

UCL = 48.16439

Number beyond limits = 23

Number violating runs = 31

189th column point of this product

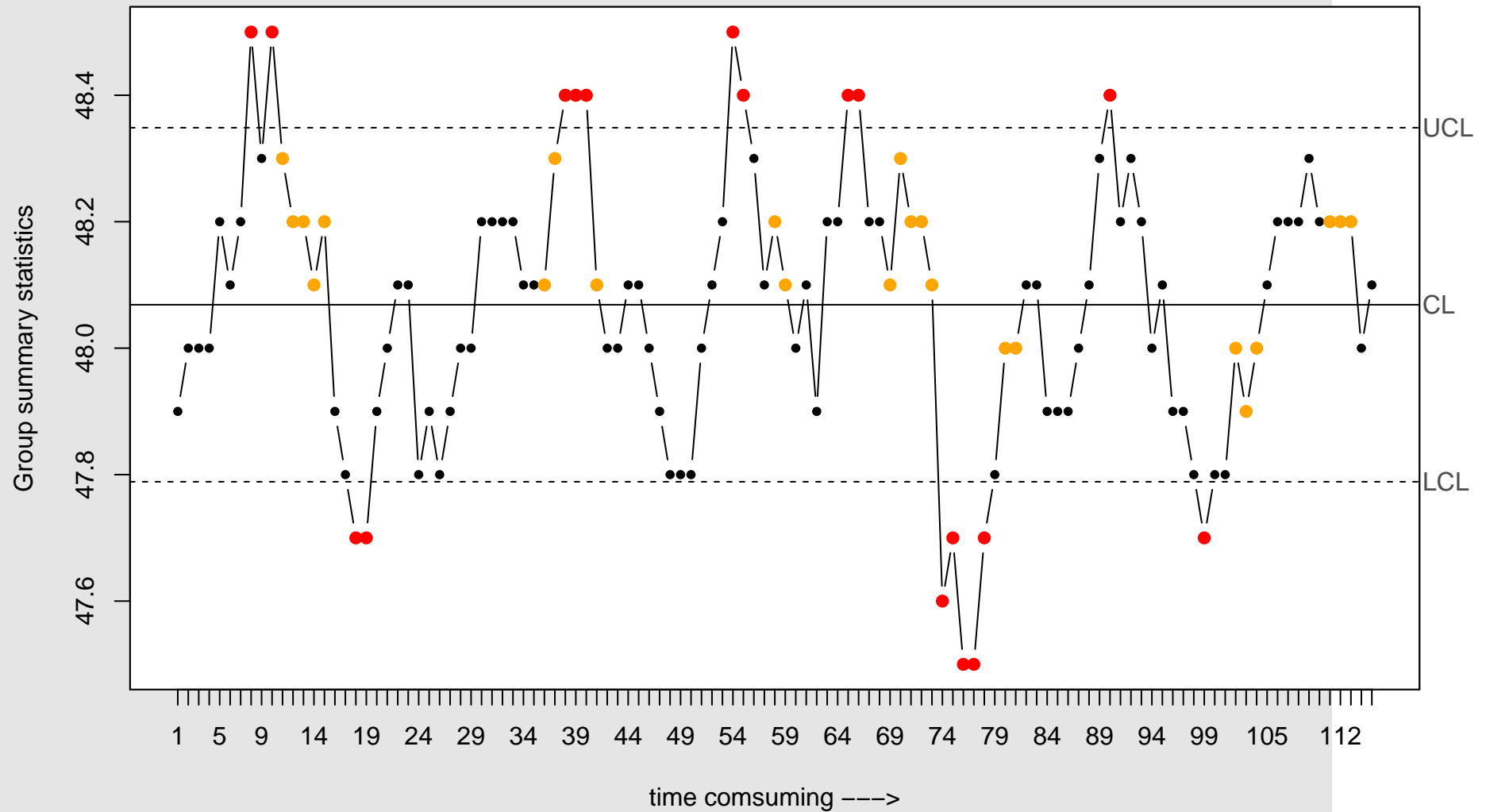


Number of groups = 115
 Center = 47.9687
 StdDev = 0.1003173

LCL = 47.66774
 UCL = 48.26965

Number beyond limits = 16
 Number violating runs = 27

190th column point of this product

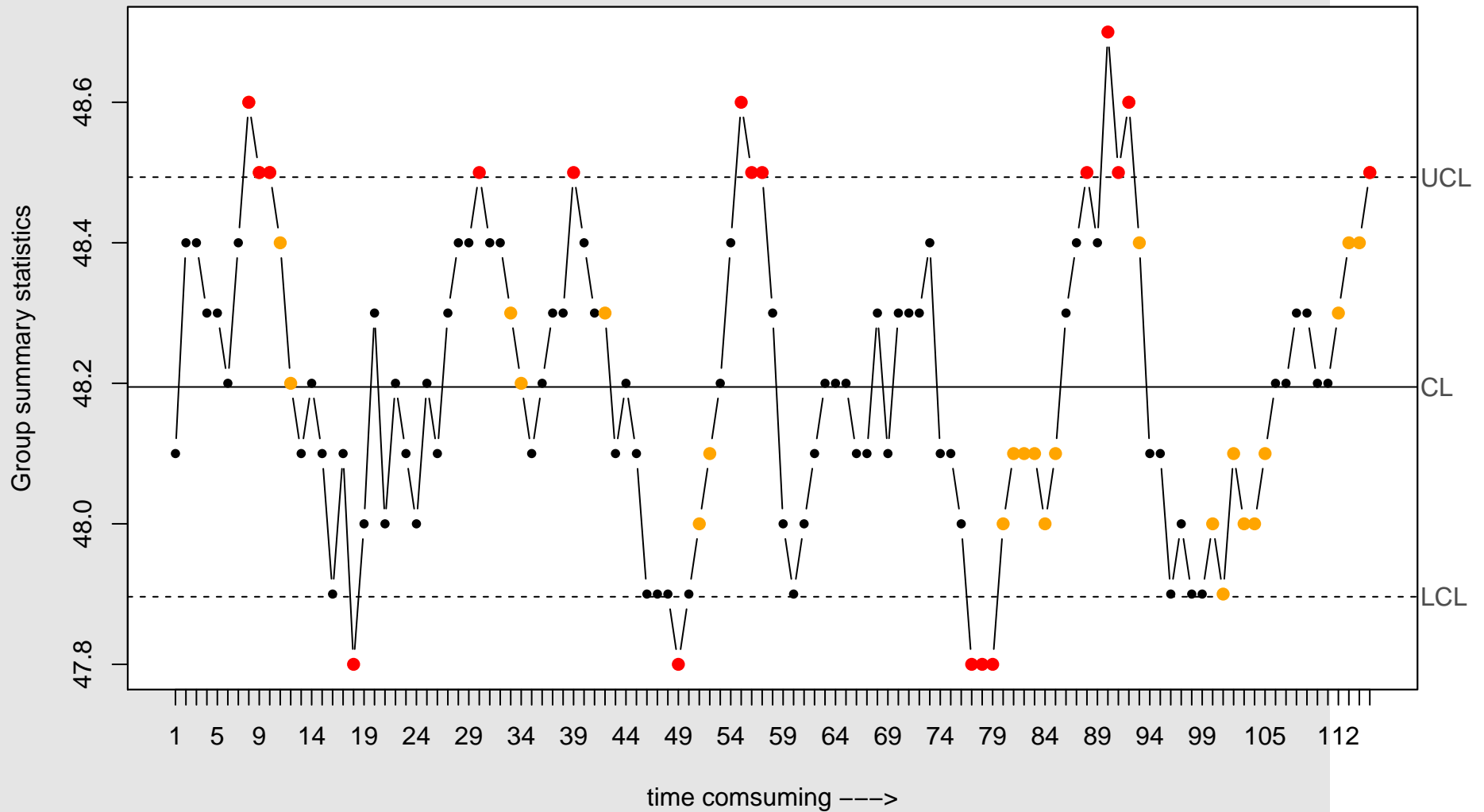


Number of groups = 115
 Center = 48.0687
 StdDev = 0.0933184

LCL = 47.78874
 UCL = 48.34865

Number beyond limits = 18
 Number violating runs = 26

191th column point of this product



Number of groups = 115

Center = 48.19478

StdDev = 0.09953963

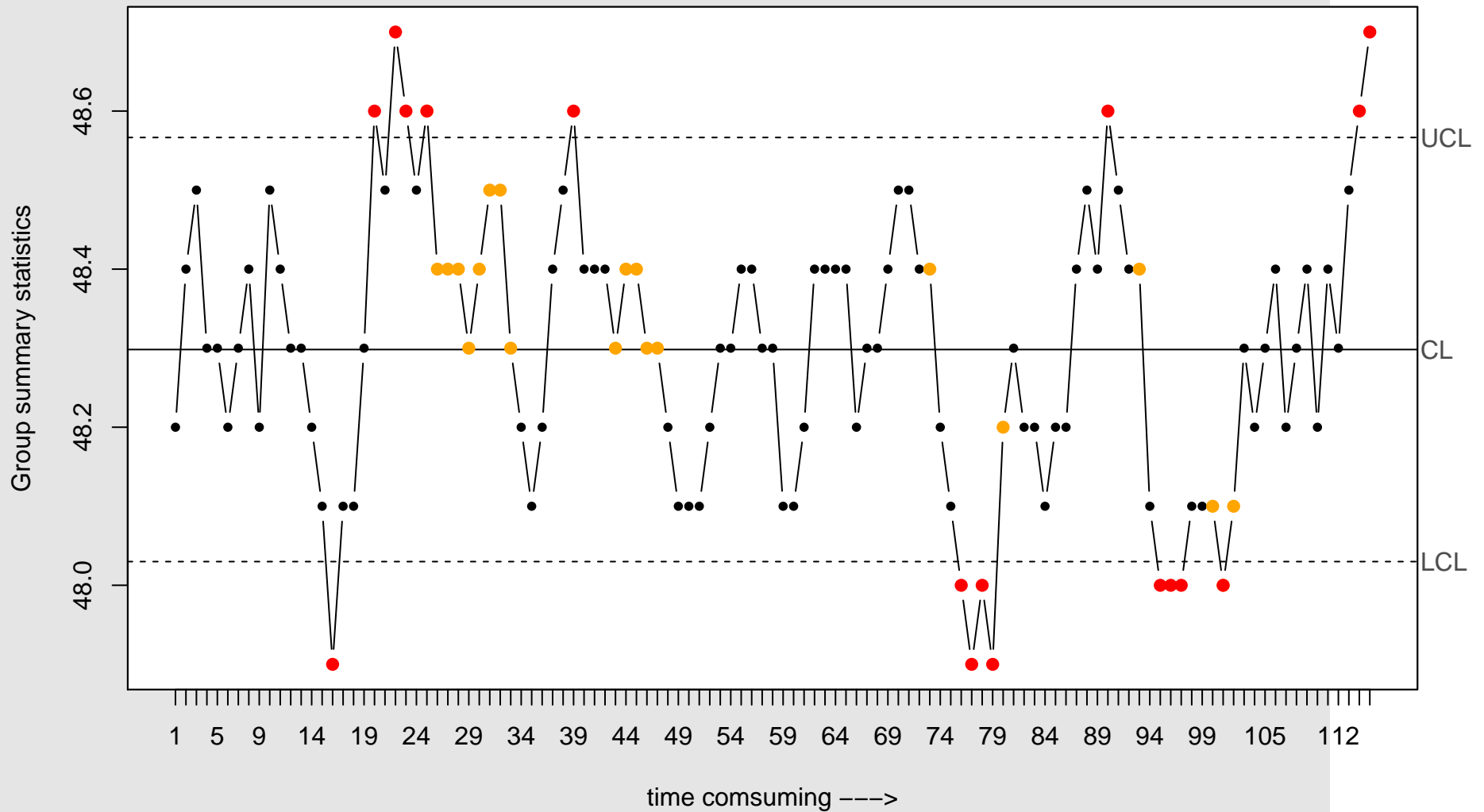
LCL = 47.89616

UCL = 48.4934

Number beyond limits = 18

Number violating runs = 28

192th column point of this product

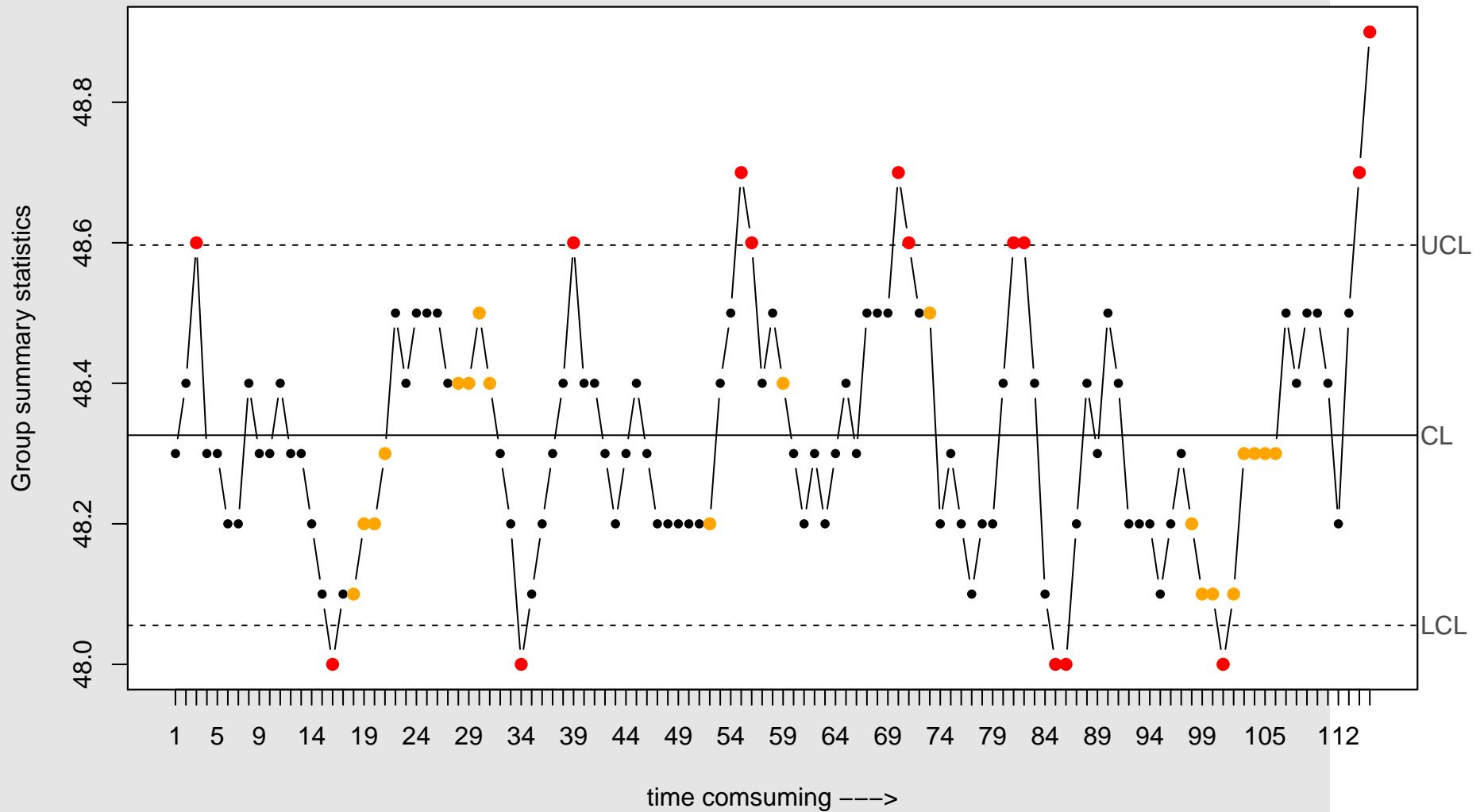


Number of groups = 115
 Center = 48.29826
 StdDev = 0.08943014

LCL = 48.02997
 UCL = 48.56655

Number beyond limits = 17
 Number violating runs = 20

193th column point of this product

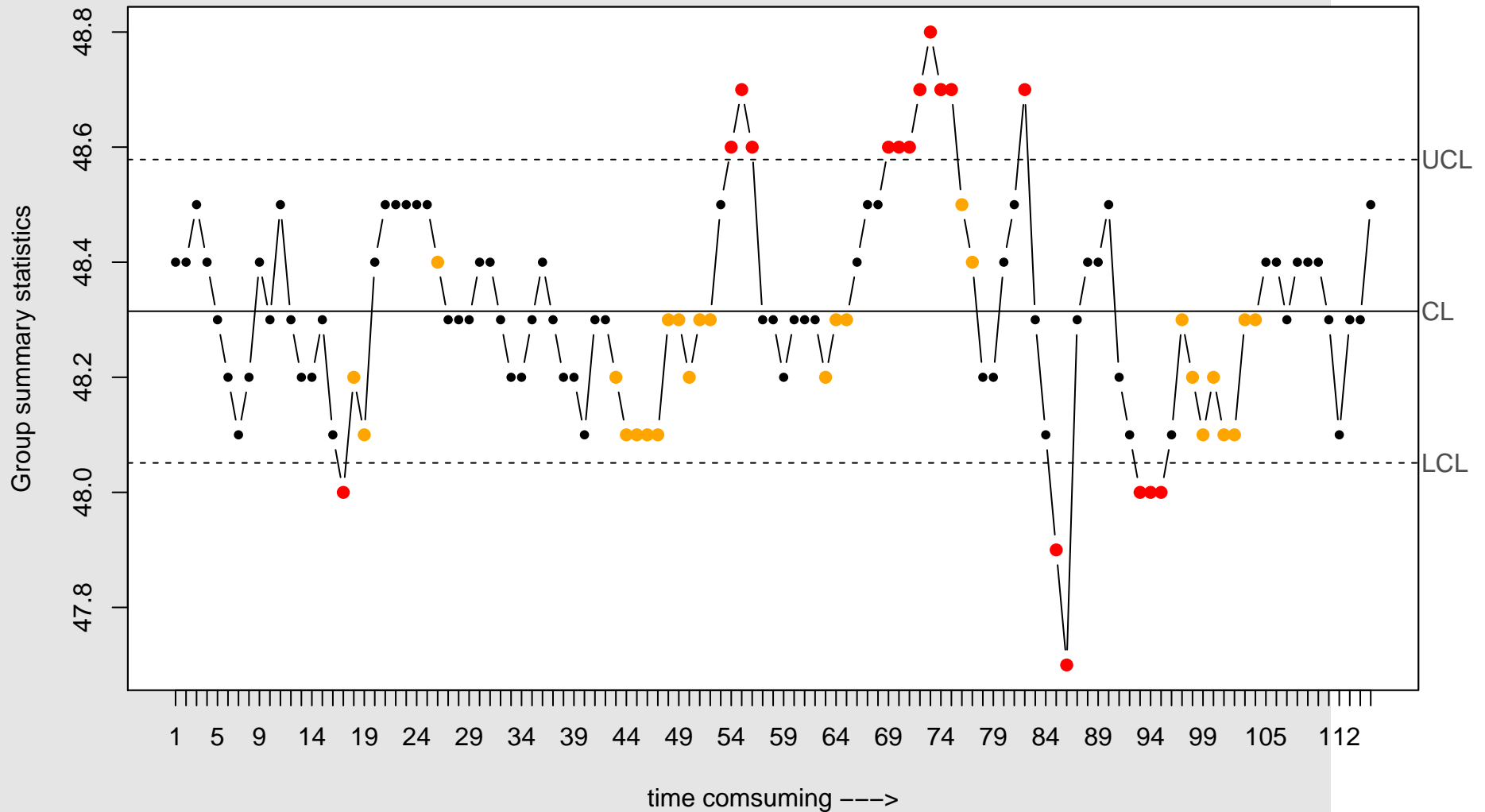


Number of groups = 115
 Center = 48.32609
 StdDev = 0.09020779

LCL = 48.05546
 UCL = 48.59671

Number beyond limits = 15
 Number violating runs = 20

194th column point of this product

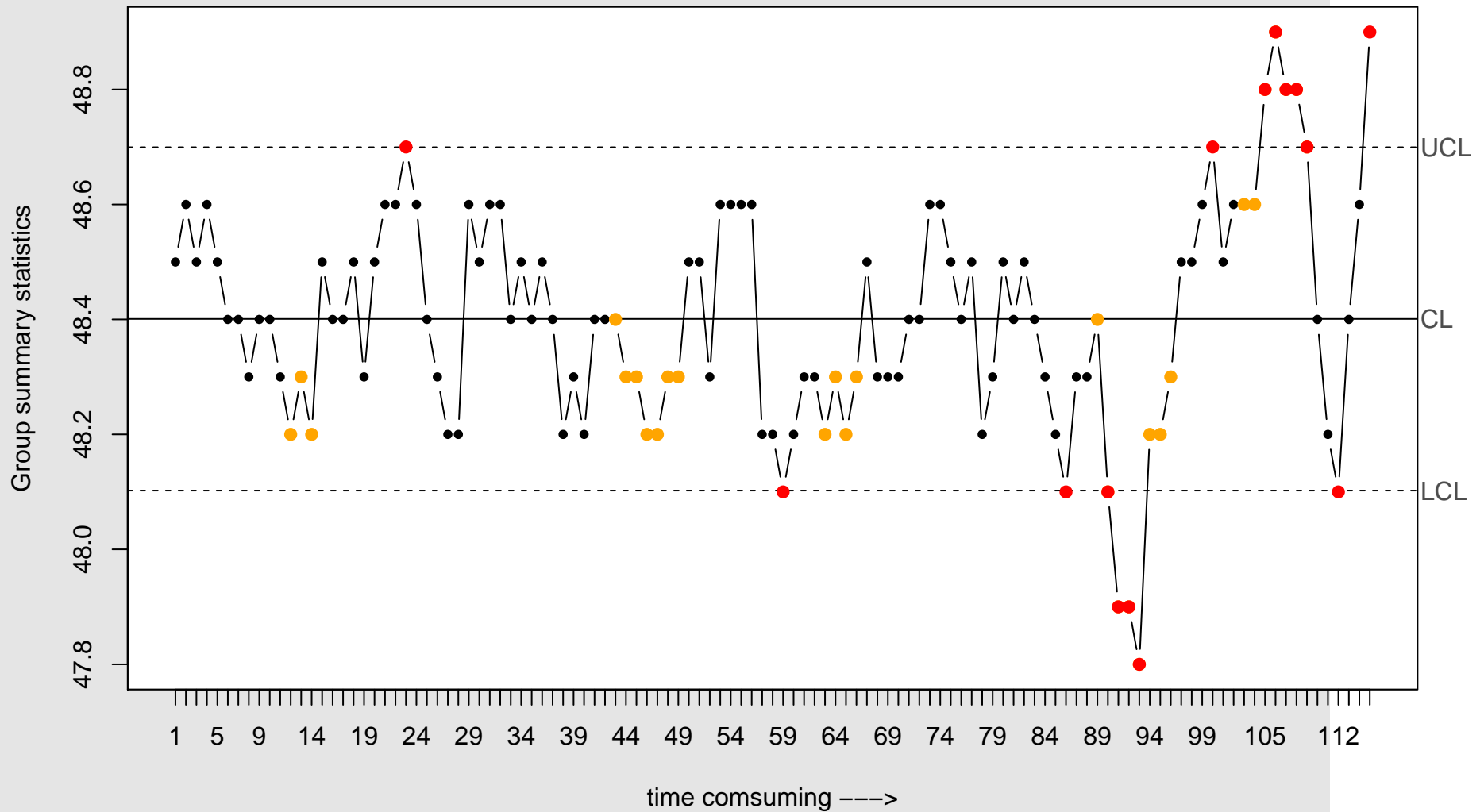


Number of groups = 115
 Center = 48.31478
 StdDev = 0.08787483

LCL = 48.05116
 UCL = 48.57841

Number beyond limits = 17
 Number violating runs = 30

195th column point of this product

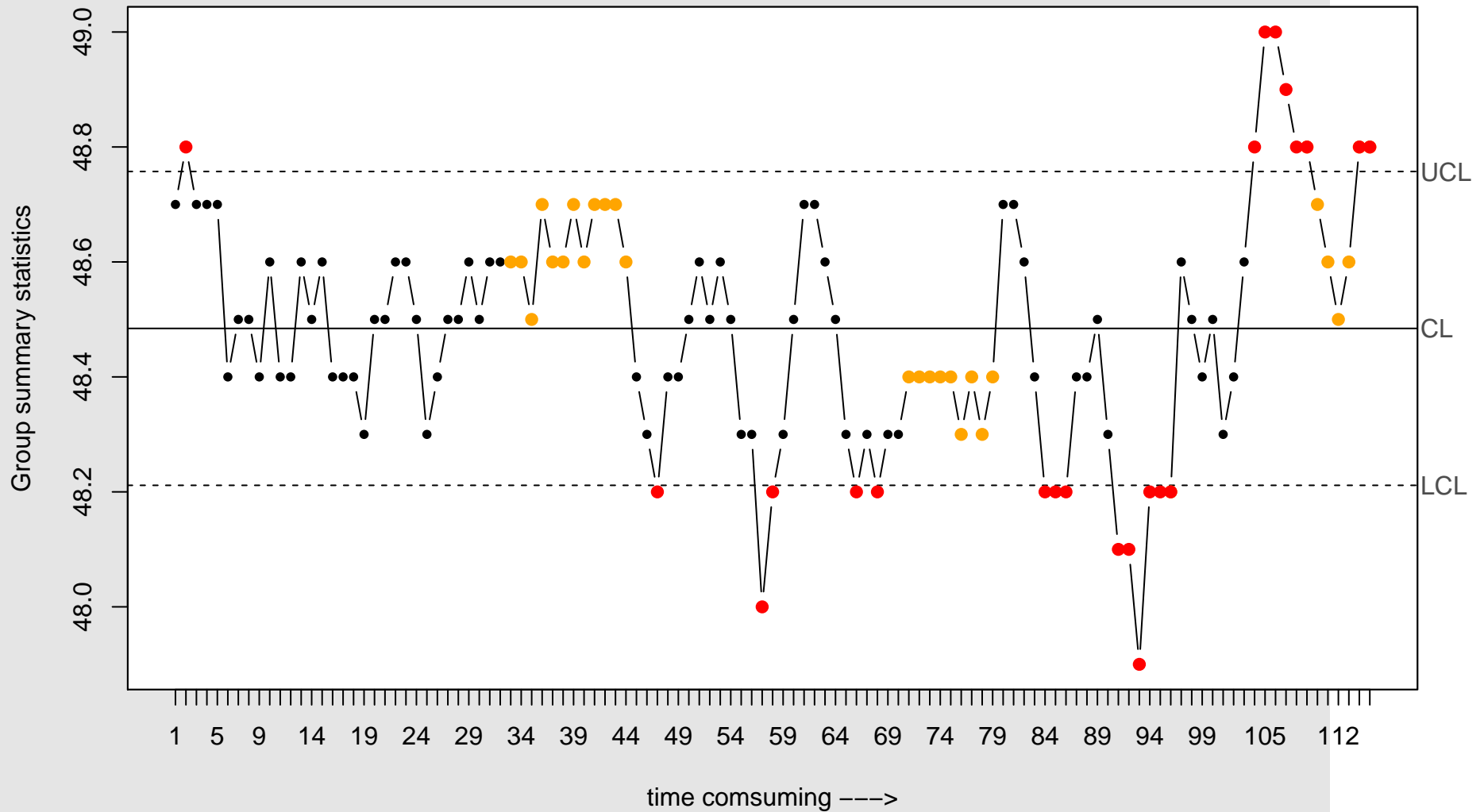


Number of groups = 115
 Center = 48.40087
 StdDev = 0.09953963

LCL = 48.10225
 UCL = 48.69949

Number beyond limits = 15
 Number violating runs = 29

196th column point of this product



Number of groups = 115

Center = 48.48435

StdDev = 0.09098544

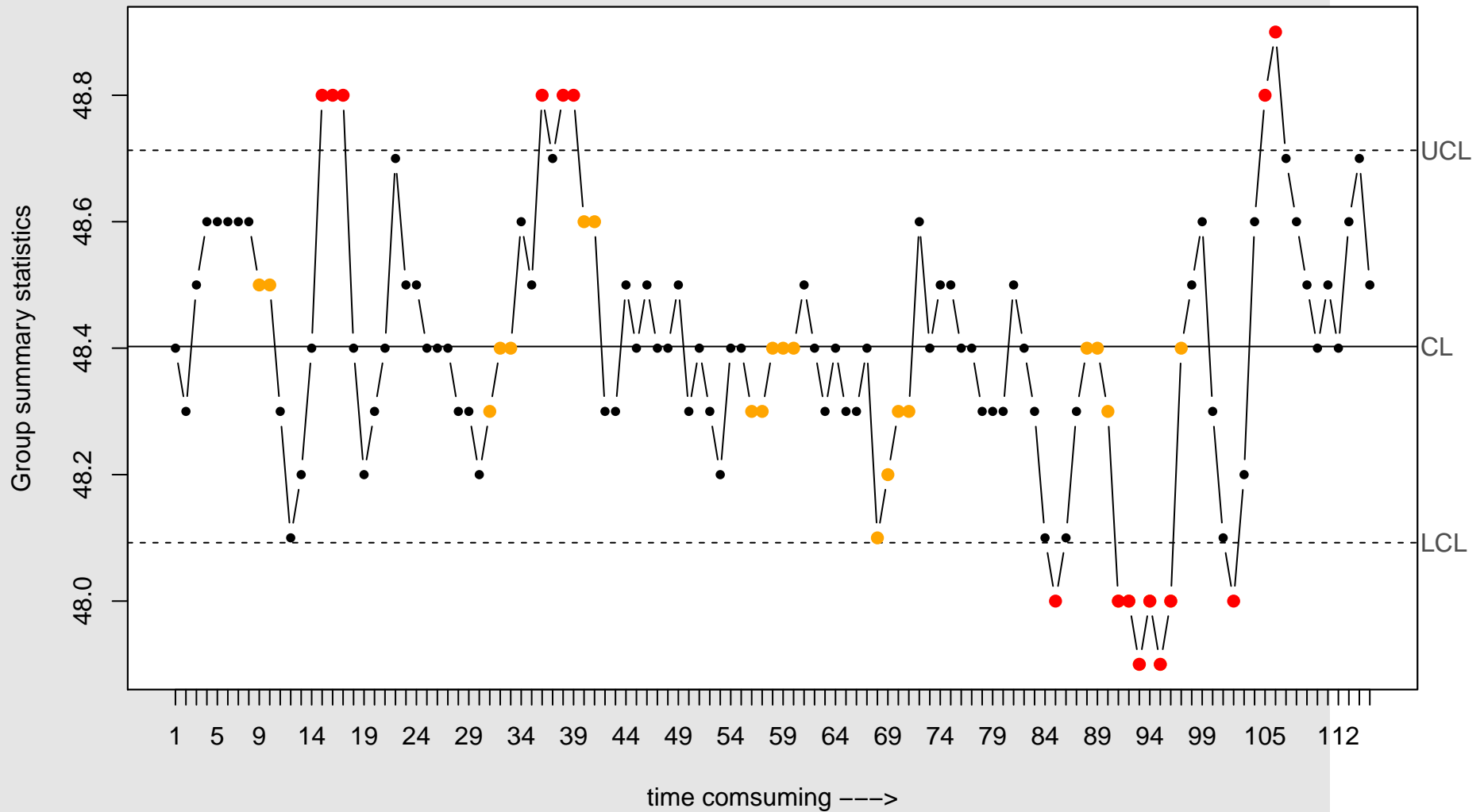
LCL = 48.21139

UCL = 48.7573

Number beyond limits = 23

Number violating runs = 29

197th column point of this product

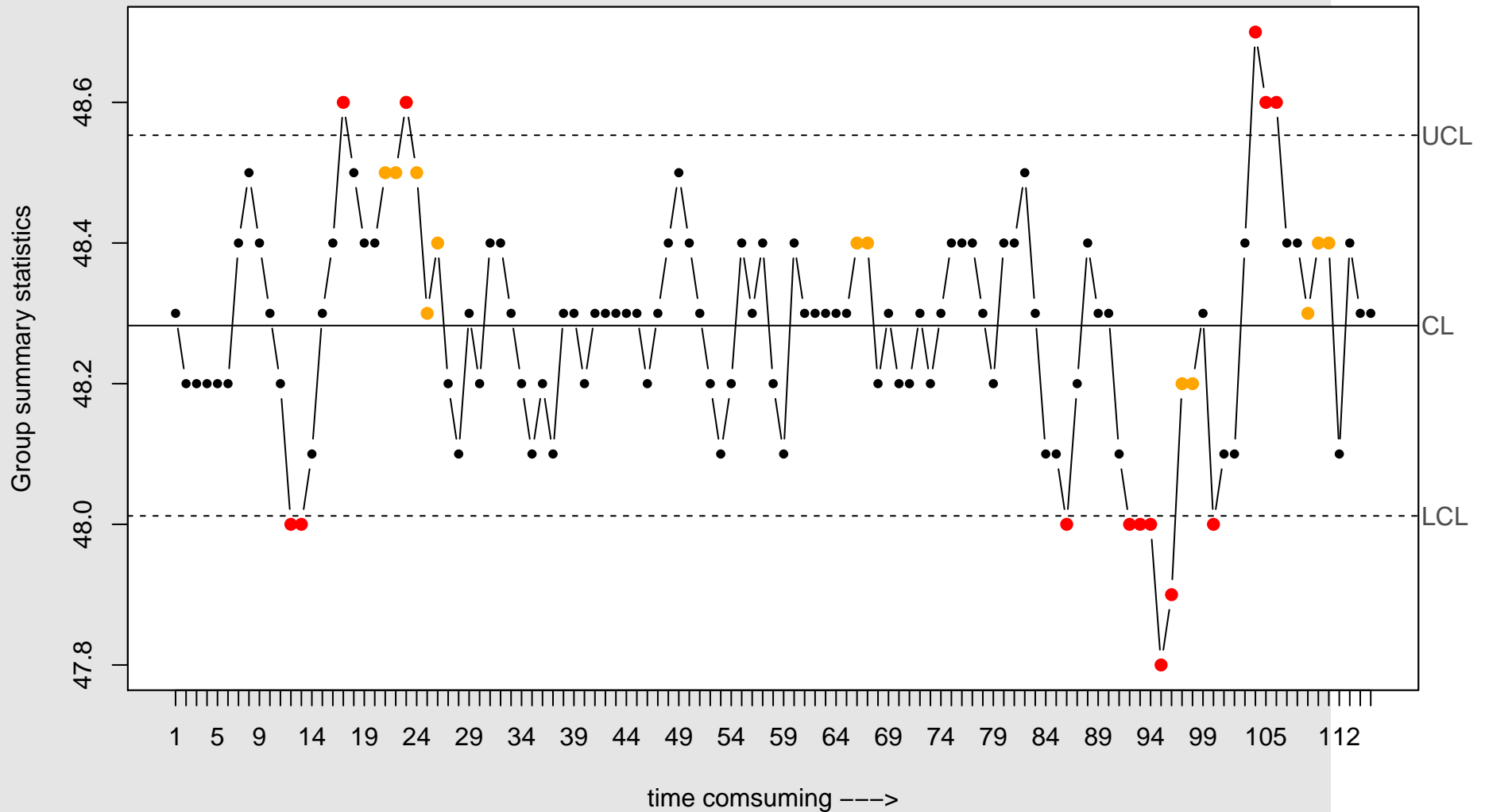


Number of groups = 115
 Center = 48.40261
 StdDev = 0.1034279

LCL = 48.09233
 UCL = 48.71289

Number beyond limits = 16
 Number violating runs = 26

198th column point of this product



Number of groups = 115

Center = 48.28261

StdDev = 0.09020779

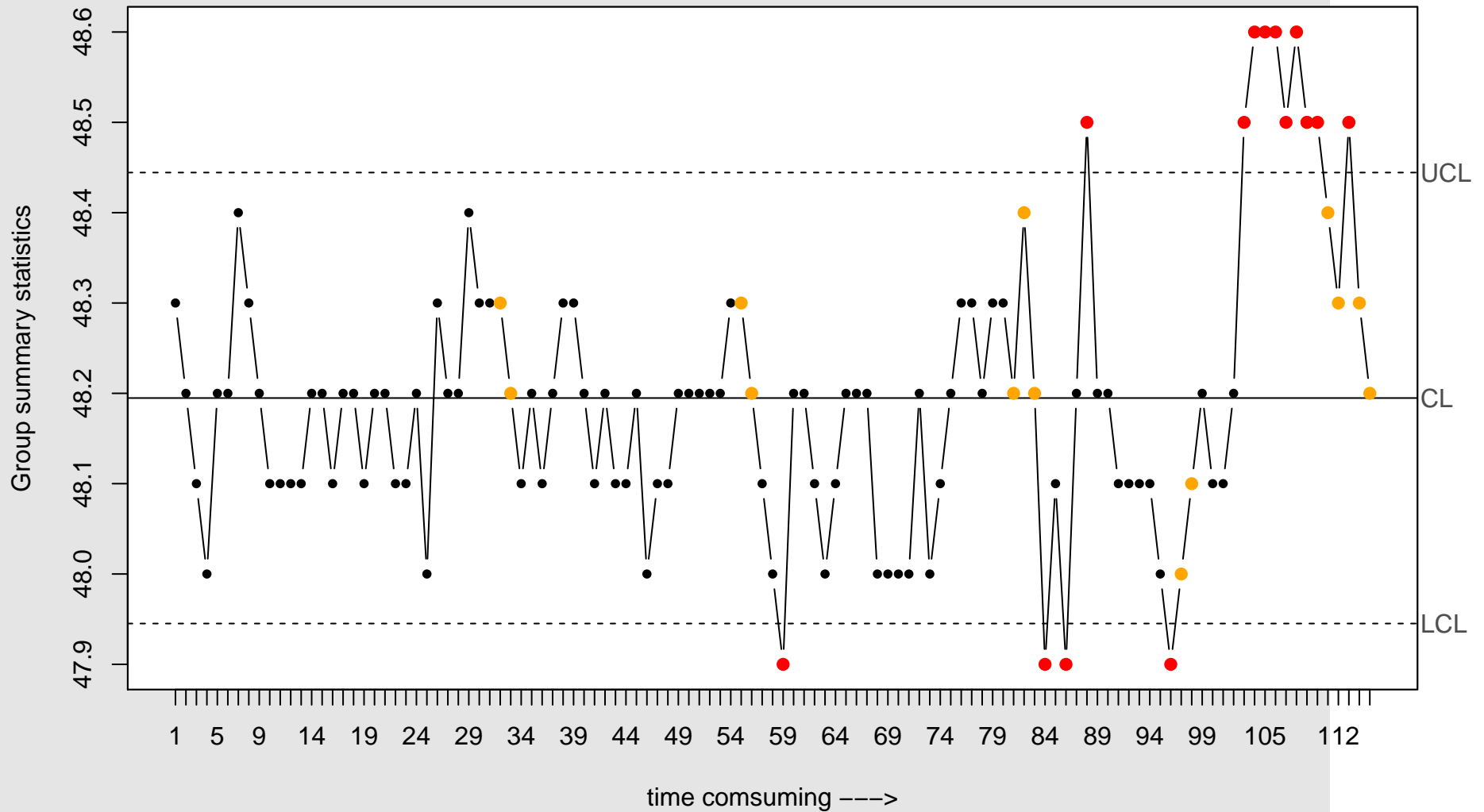
LCL = 48.01199

UCL = 48.55323

Number beyond limits = 14

Number violating runs = 13

199th column point of this product



Number of groups = 115

Center = 48.19478

StdDev = 0.08320891

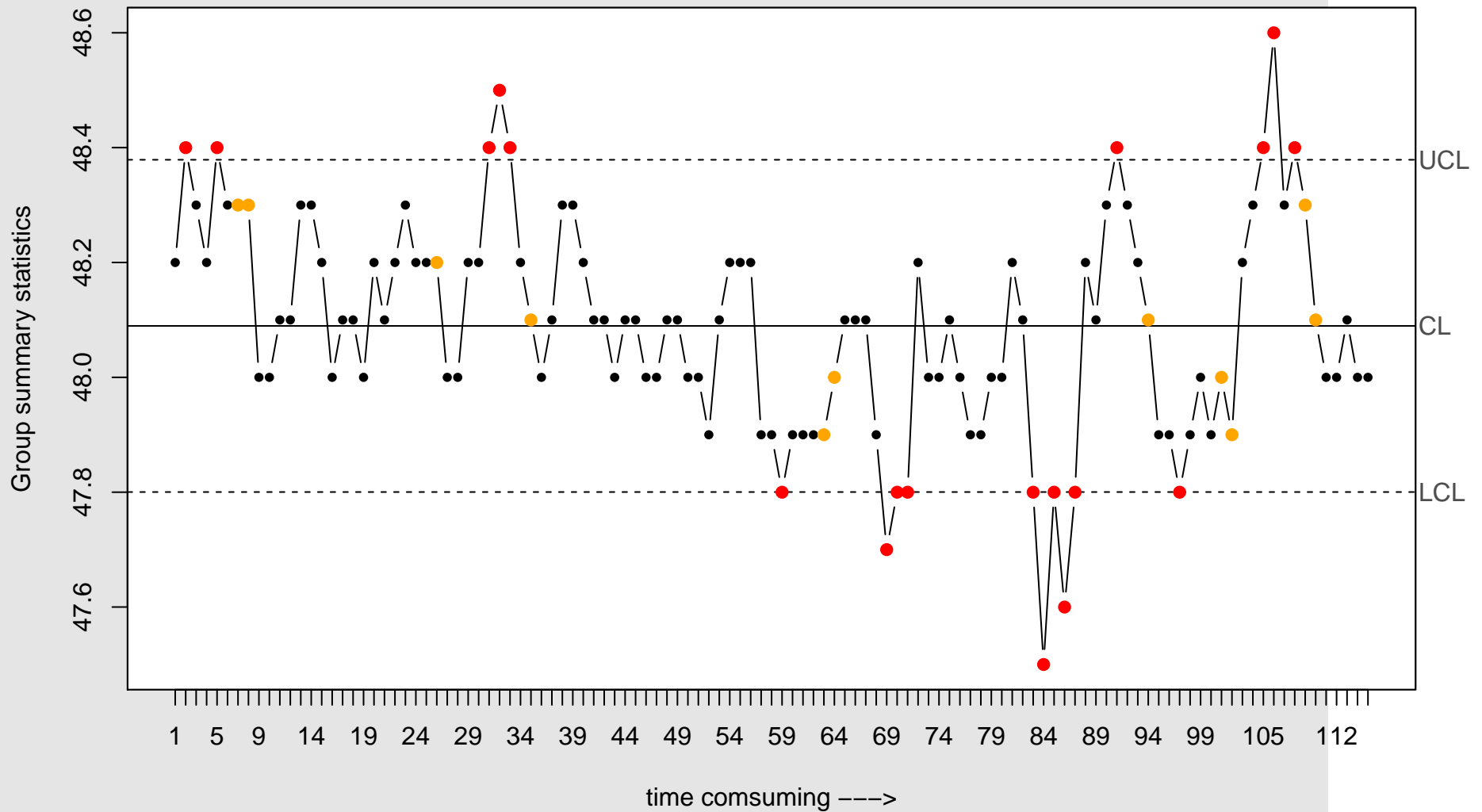
LCL = 47.94516

UCL = 48.44441

Number beyond limits = 14

Number violating runs = 17

200th column point of this product

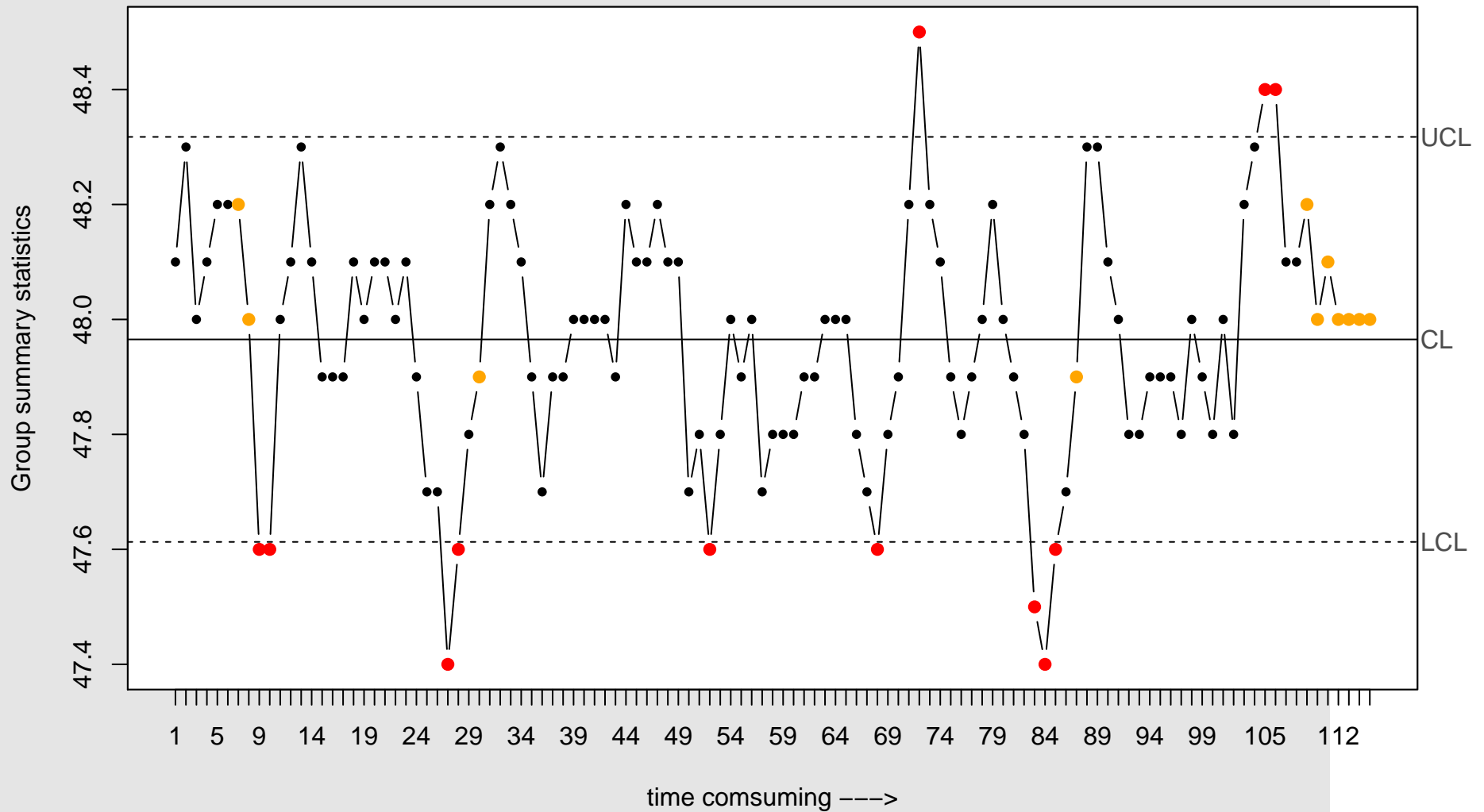


Number of groups = 115
 Center = 48.08957
 StdDev = 0.09642902

LCL = 47.80028
 UCL = 48.37885

Number beyond limits = 19
 Number violating runs = 11

201th column point of this product



Number of groups = 115

Center = 47.96522

StdDev = 0.1174257

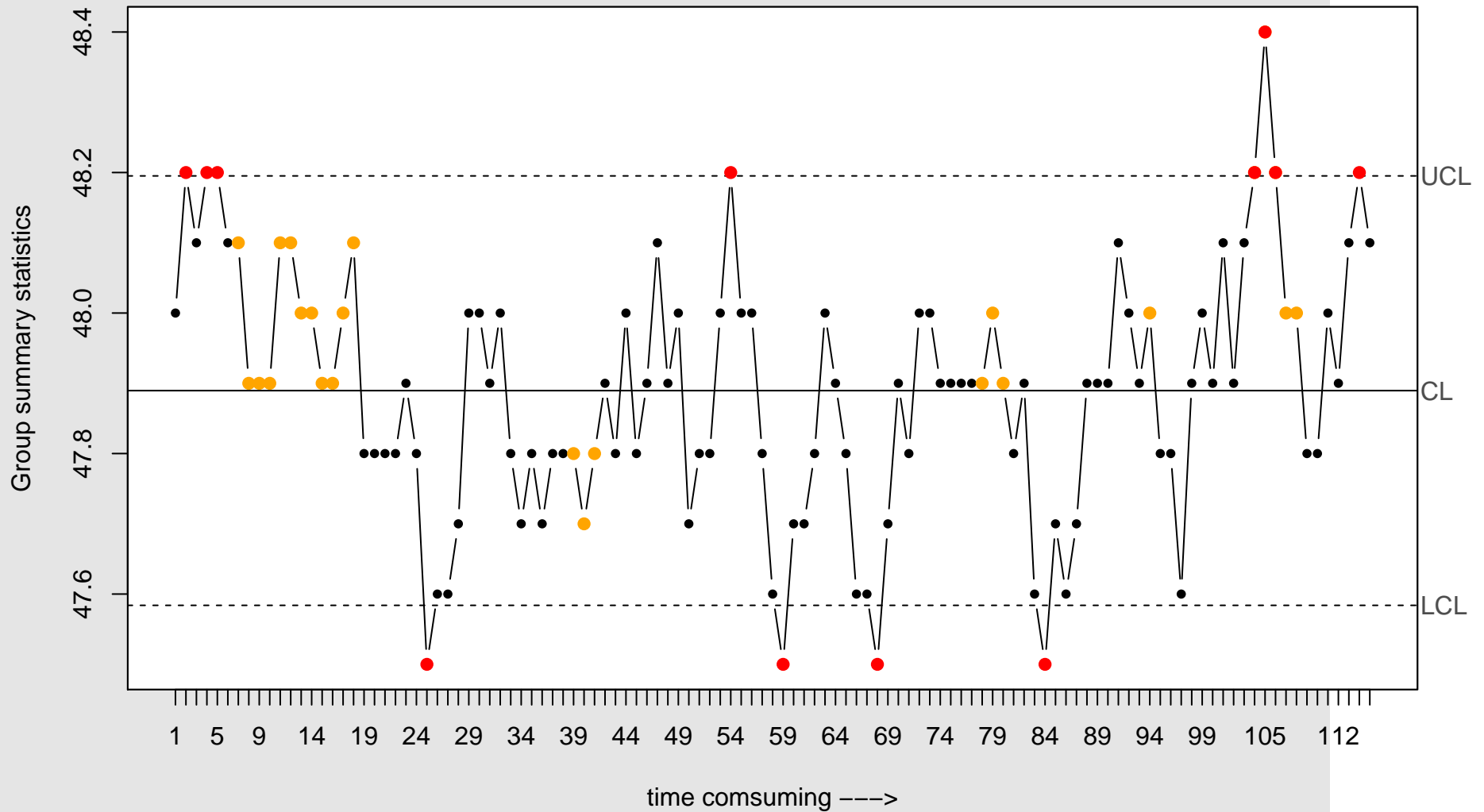
LCL = 47.61294

UCL = 48.31749

Number beyond limits = 12

Number violating runs = 11

202th column point of this product



Number of groups = 115

Center = 47.88957

StdDev = 0.1018726

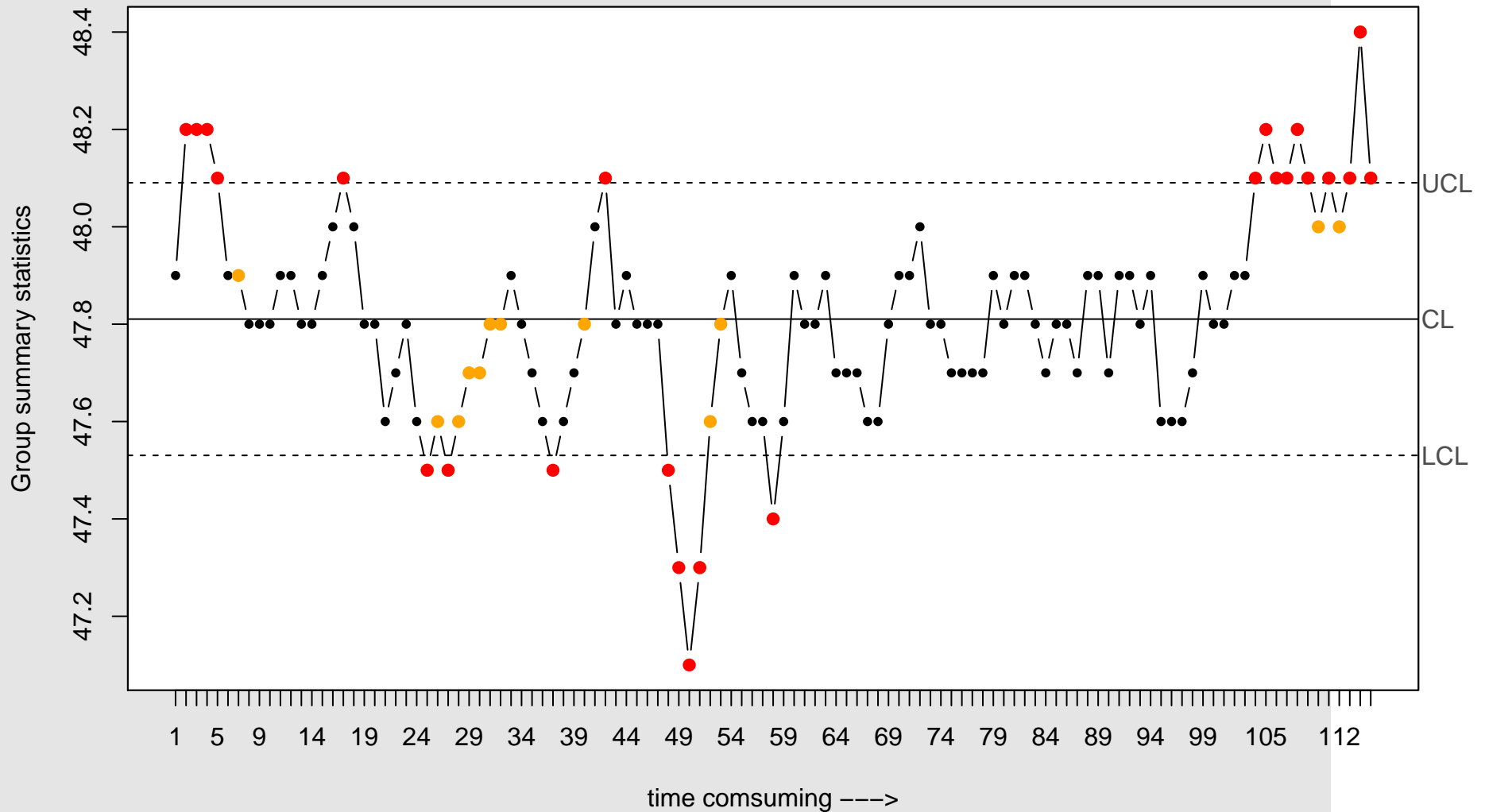
LCL = 47.58395

UCL = 48.19518

Number beyond limits = 12

Number violating runs = 24

203th column point of this product



Number of groups = 115

Center = 47.81043

StdDev = 0.0933184

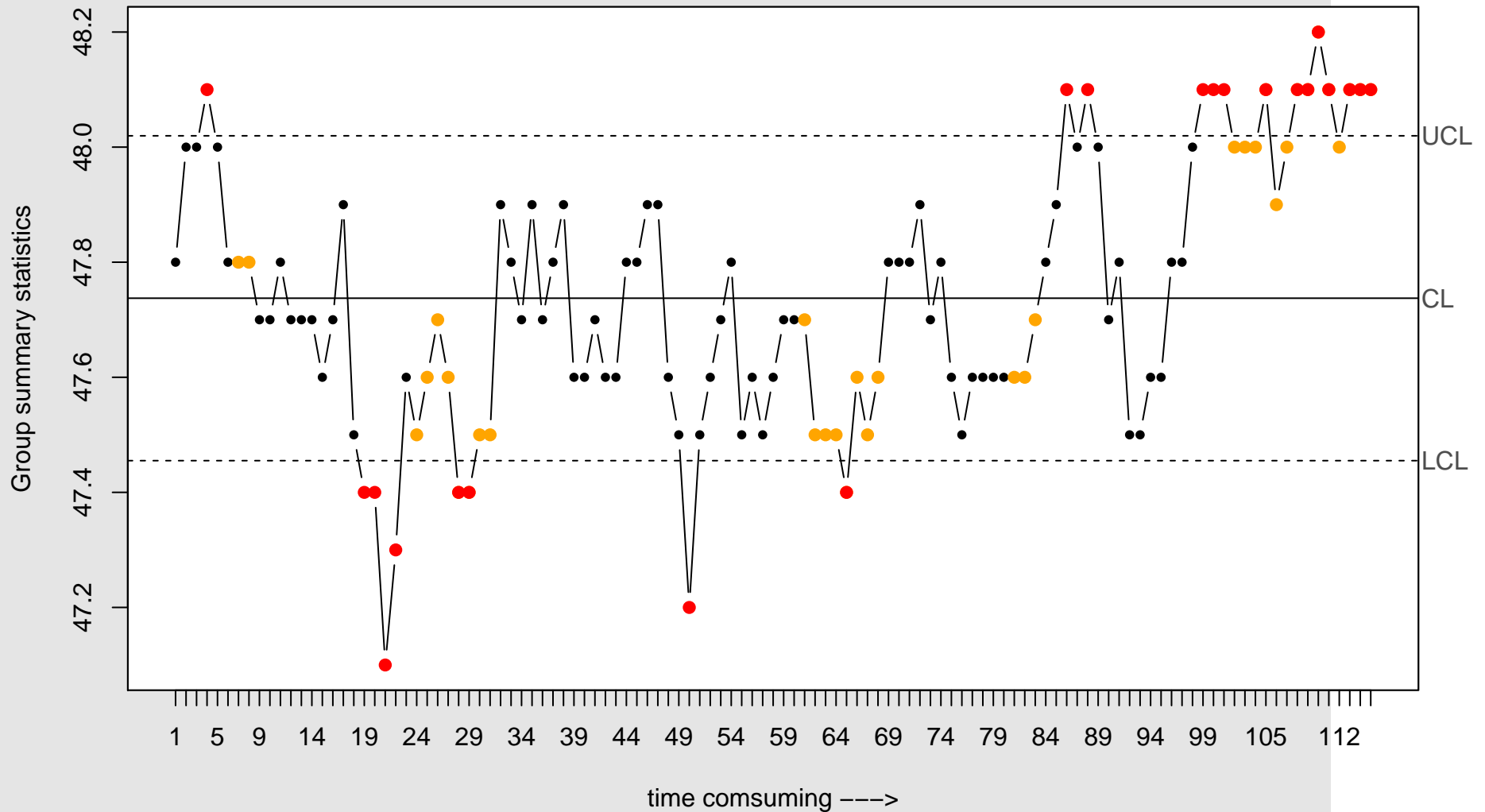
LCL = 47.53048

UCL = 48.09039

Number beyond limits = 24

Number violating runs = 21

204th column point of this product

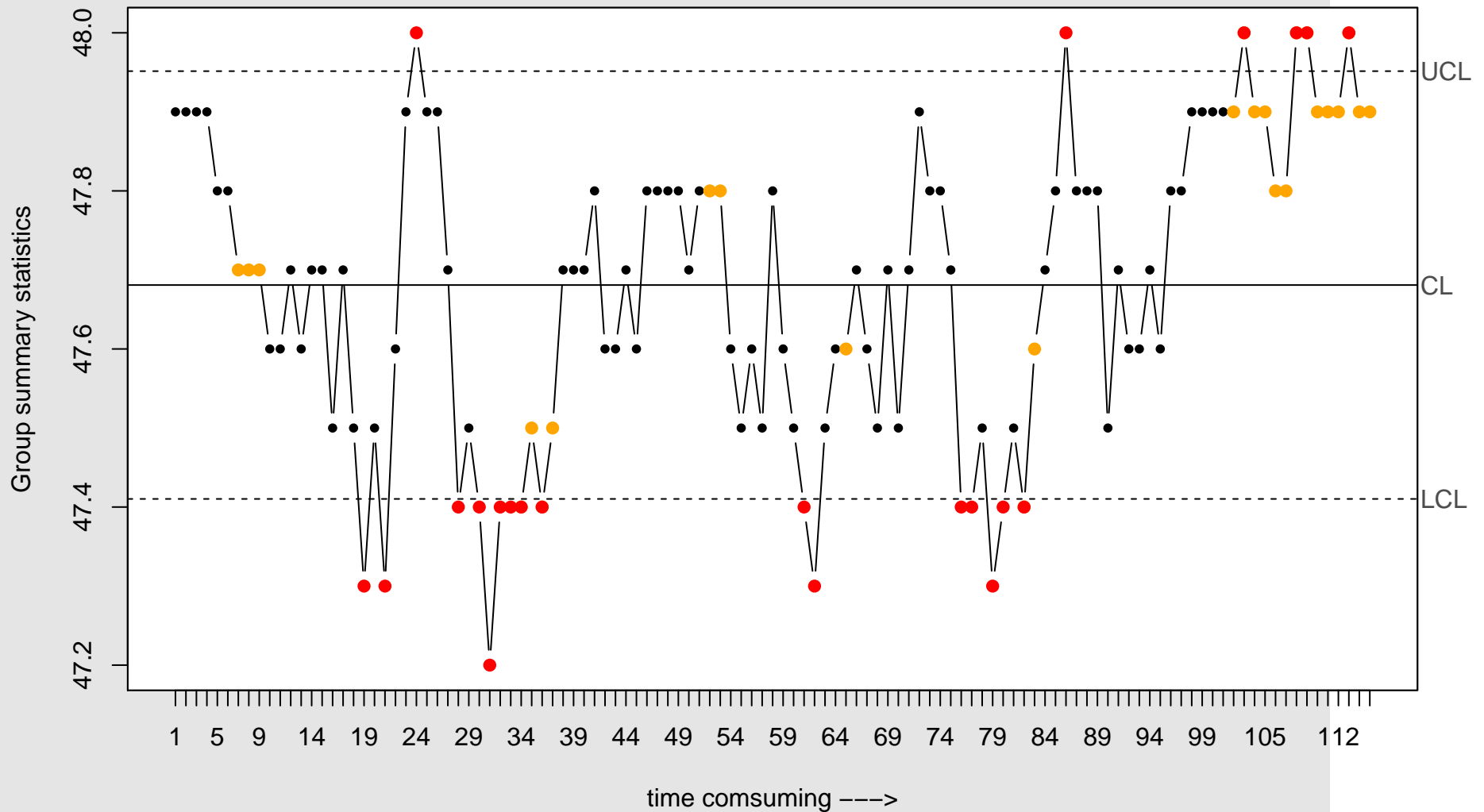


Number of groups = 115
 Center = 47.73739
 StdDev = 0.09409606

LCL = 47.4551
 UCL = 48.01968

Number beyond limits = 22
 Number violating runs = 35

205th column point of this product

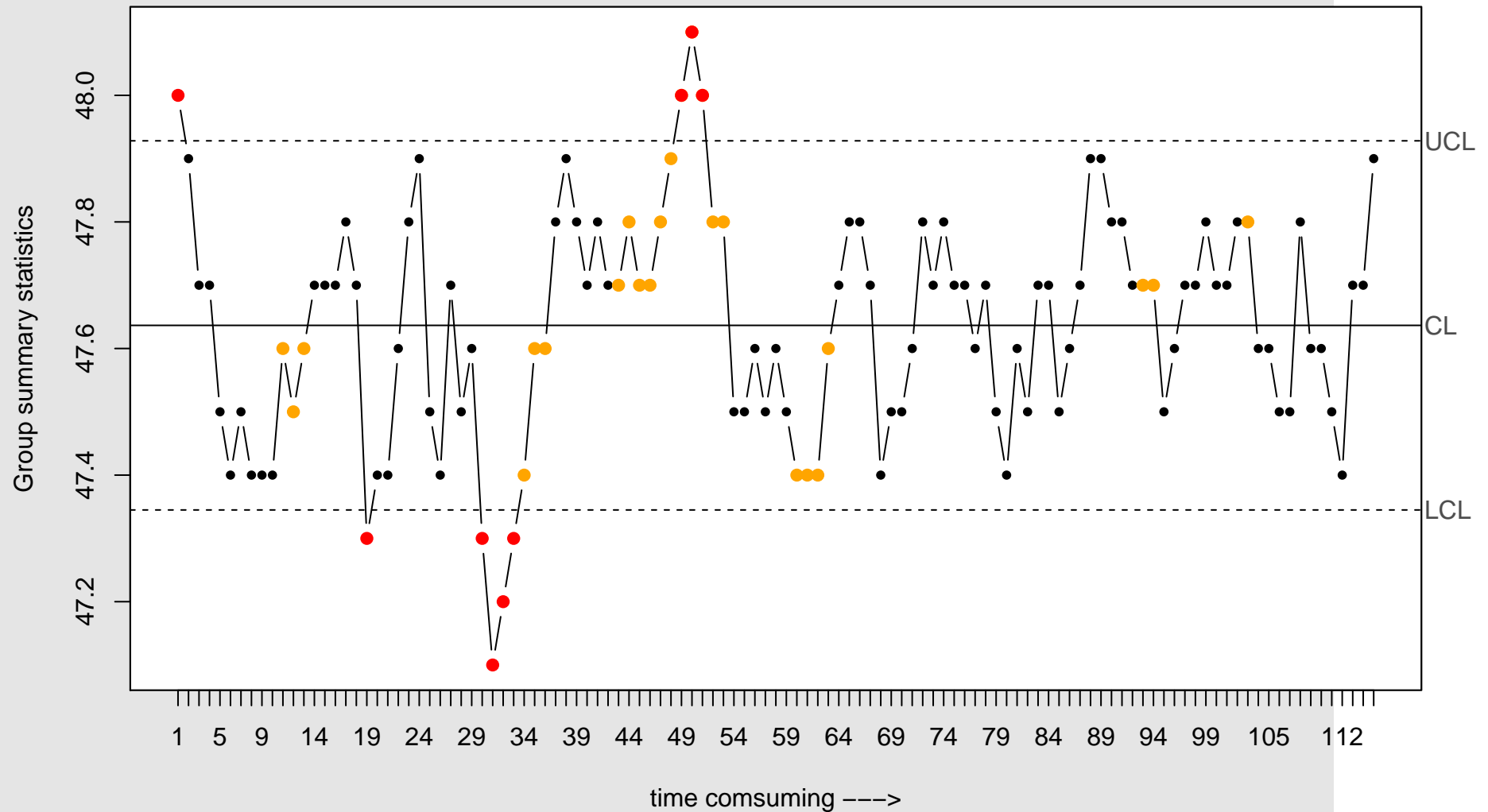


Number of groups = 115
 Center = 47.68087
 StdDev = 0.09020779

LCL = 47.41025
 UCL = 47.95149

Number beyond limits = 22
 Number violating runs = 26

206th column point of this product



Number of groups = 115

Center = 47.63652

StdDev = 0.09720667

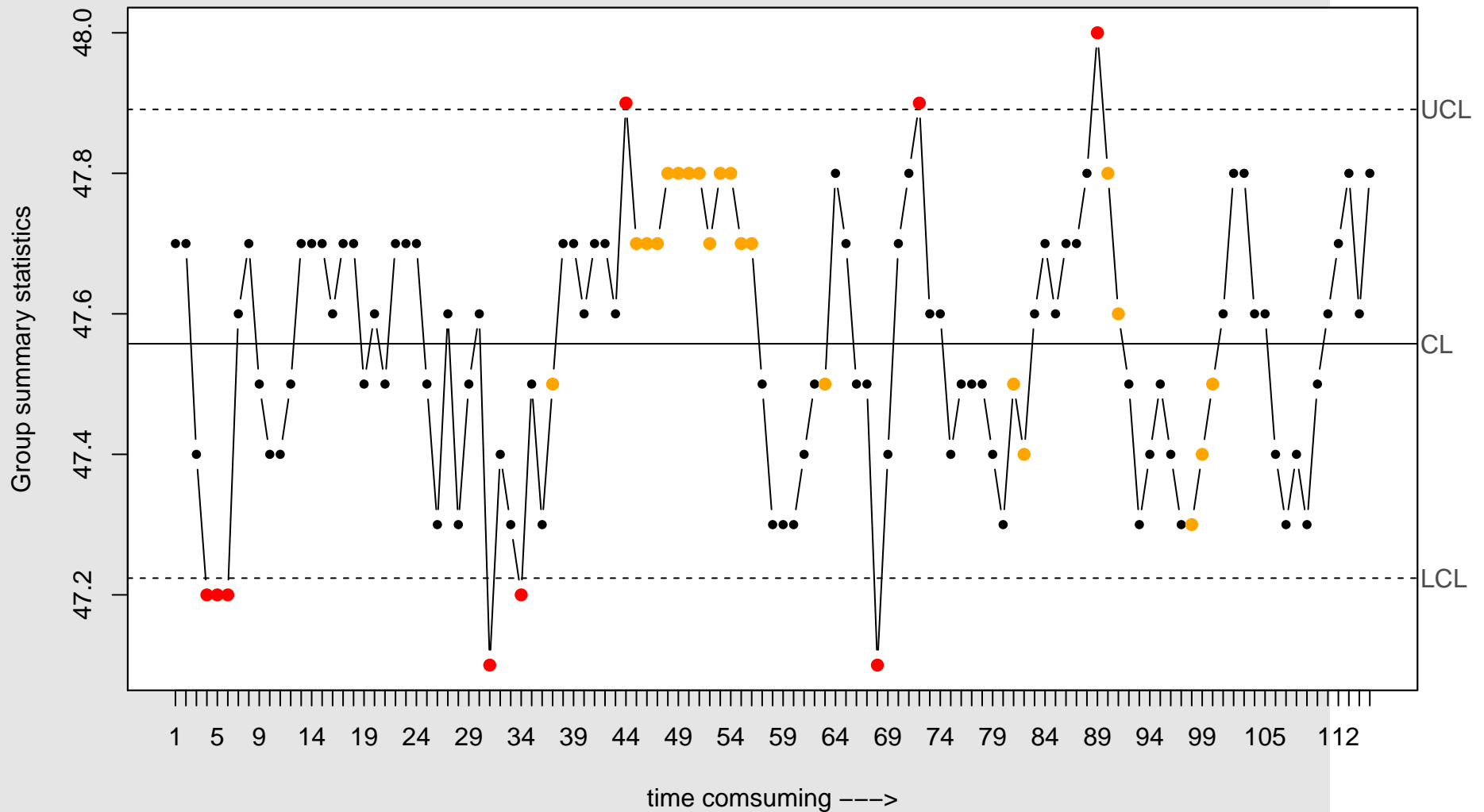
LCL = 47.3449

UCL = 47.92814

Number beyond limits = 9

Number violating runs = 24

207th column point of this product



Number of groups = 115

Center = 47.55739

StdDev = 0.1112044

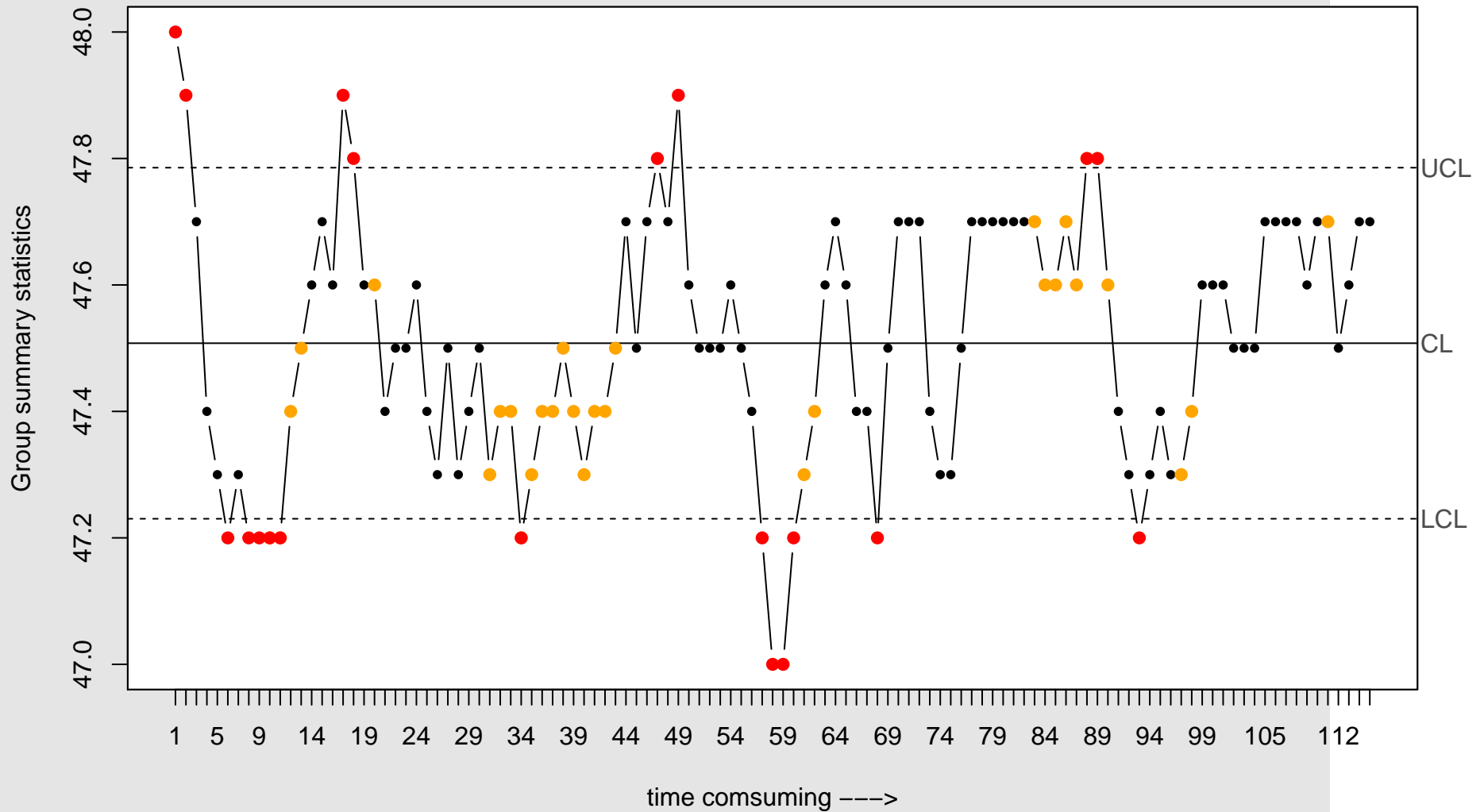
LCL = 47.22378

UCL = 47.891

Number beyond limits = 9

Number violating runs = 23

208th column point of this product



Number of groups = 115

Center = 47.50783

StdDev = 0.09254075

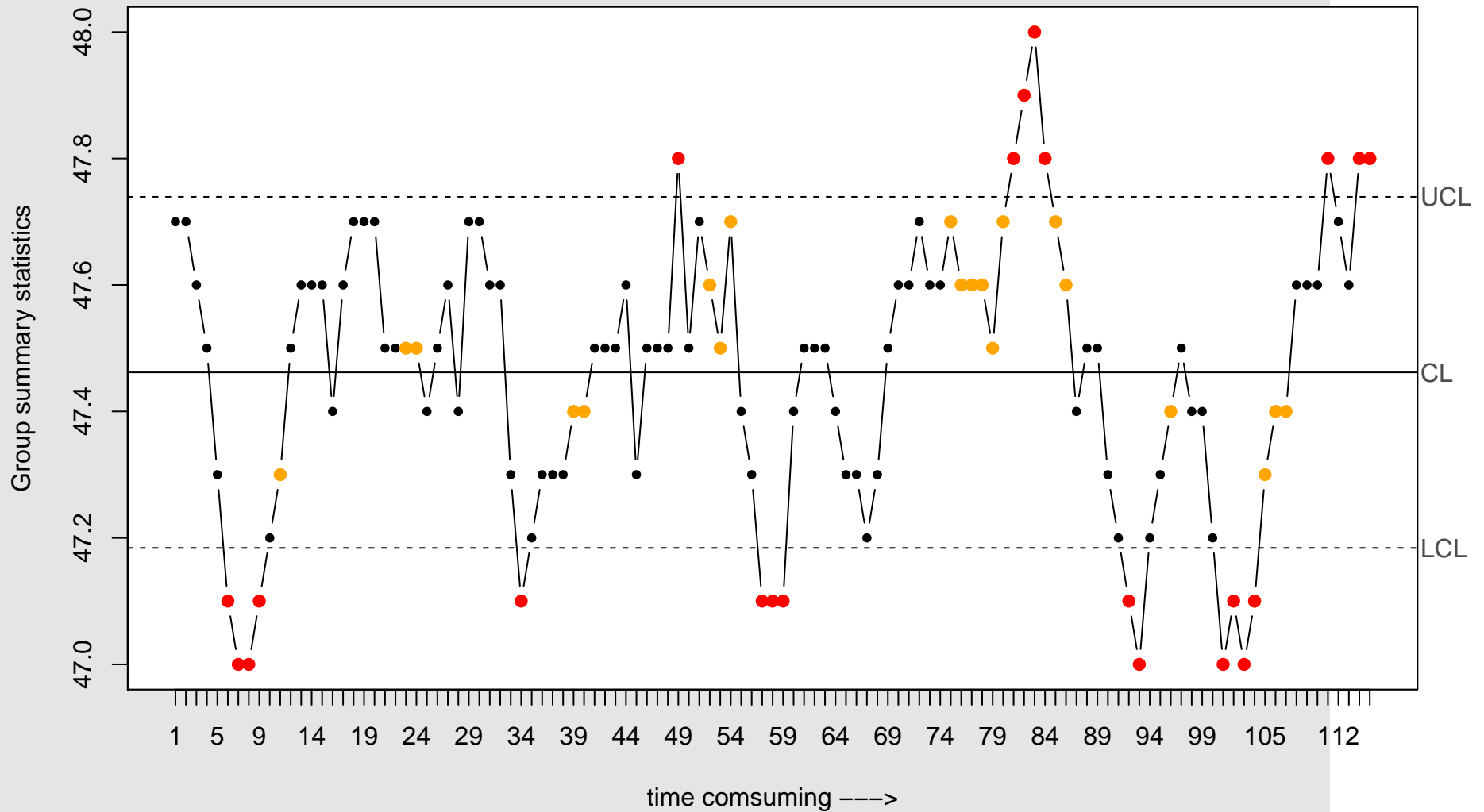
LCL = 47.2302

UCL = 47.78545

Number beyond limits = 20

Number violating runs = 31

209th column point of this product



Number of groups = 115

Center = 47.46174

StdDev = 0.09254075

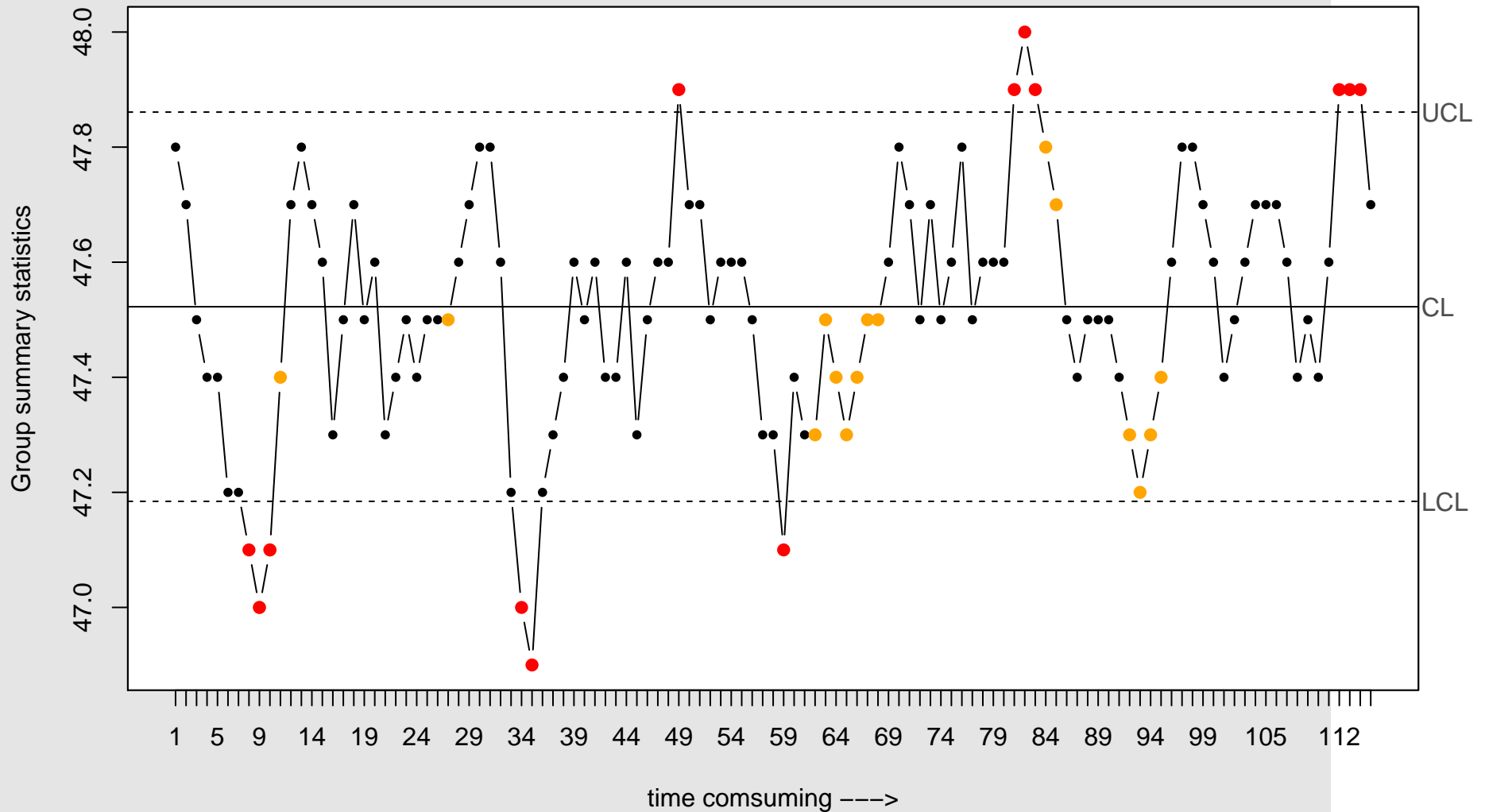
LCL = 47.18412

UCL = 47.73936

Number beyond limits = 22

Number violating runs = 27

210th column point of this product



Number of groups = 115

Center = 47.52261

StdDev = 0.1127597

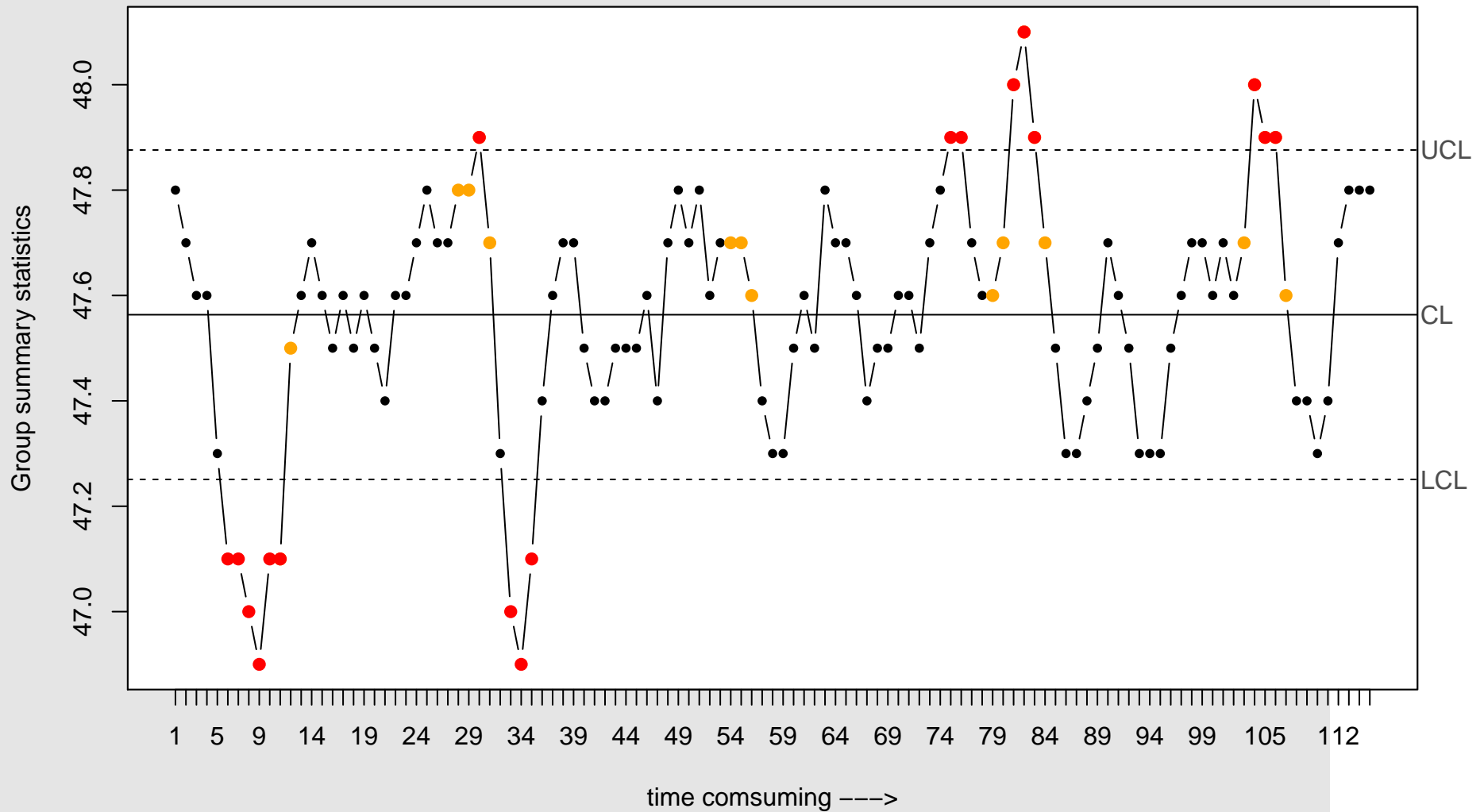
LCL = 47.18433

UCL = 47.86089

Number beyond limits = 13

Number violating runs = 17

211th column point of this product



Number of groups = 115

Center = 47.56348

StdDev = 0.1042055

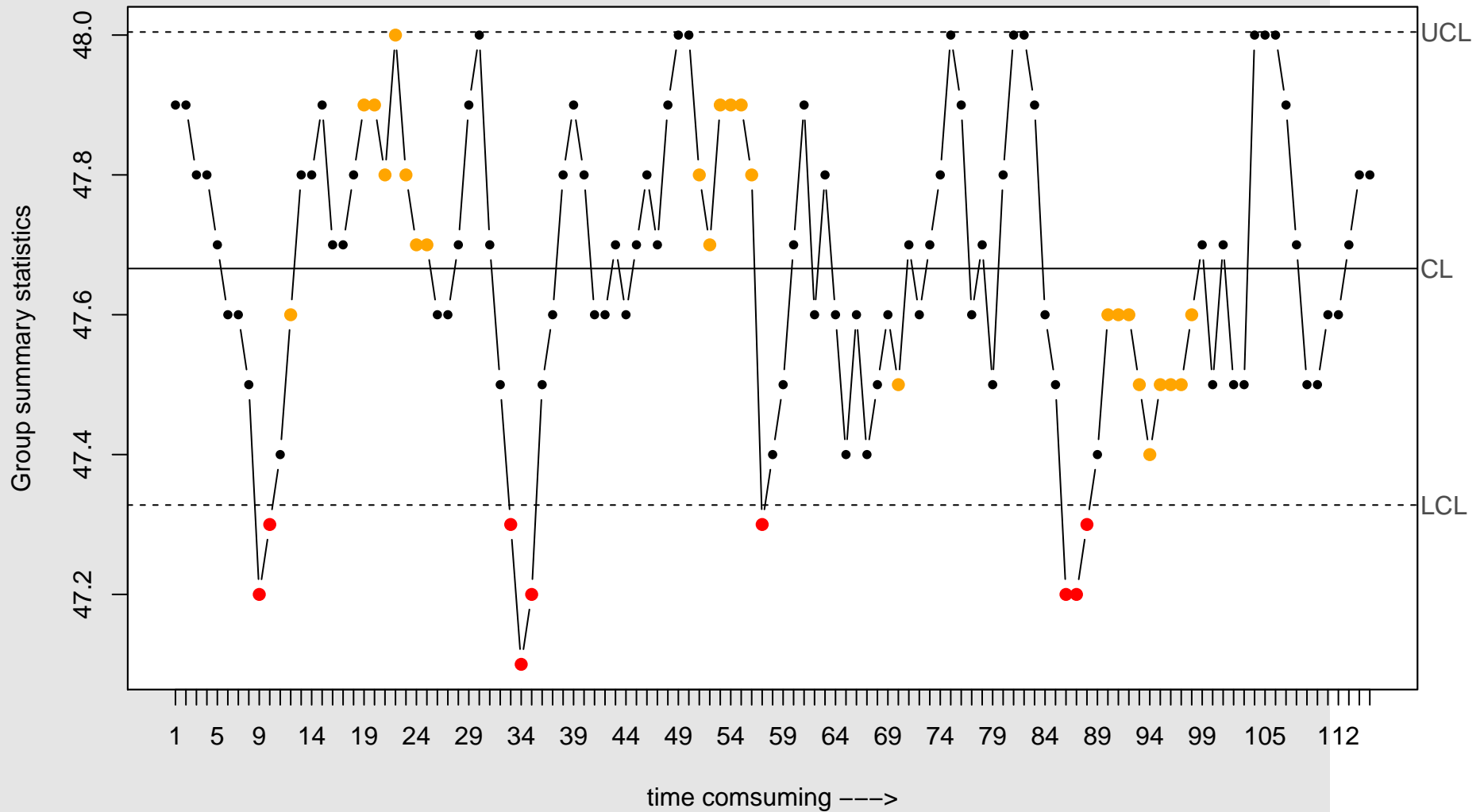
LCL = 47.25086

UCL = 47.87609

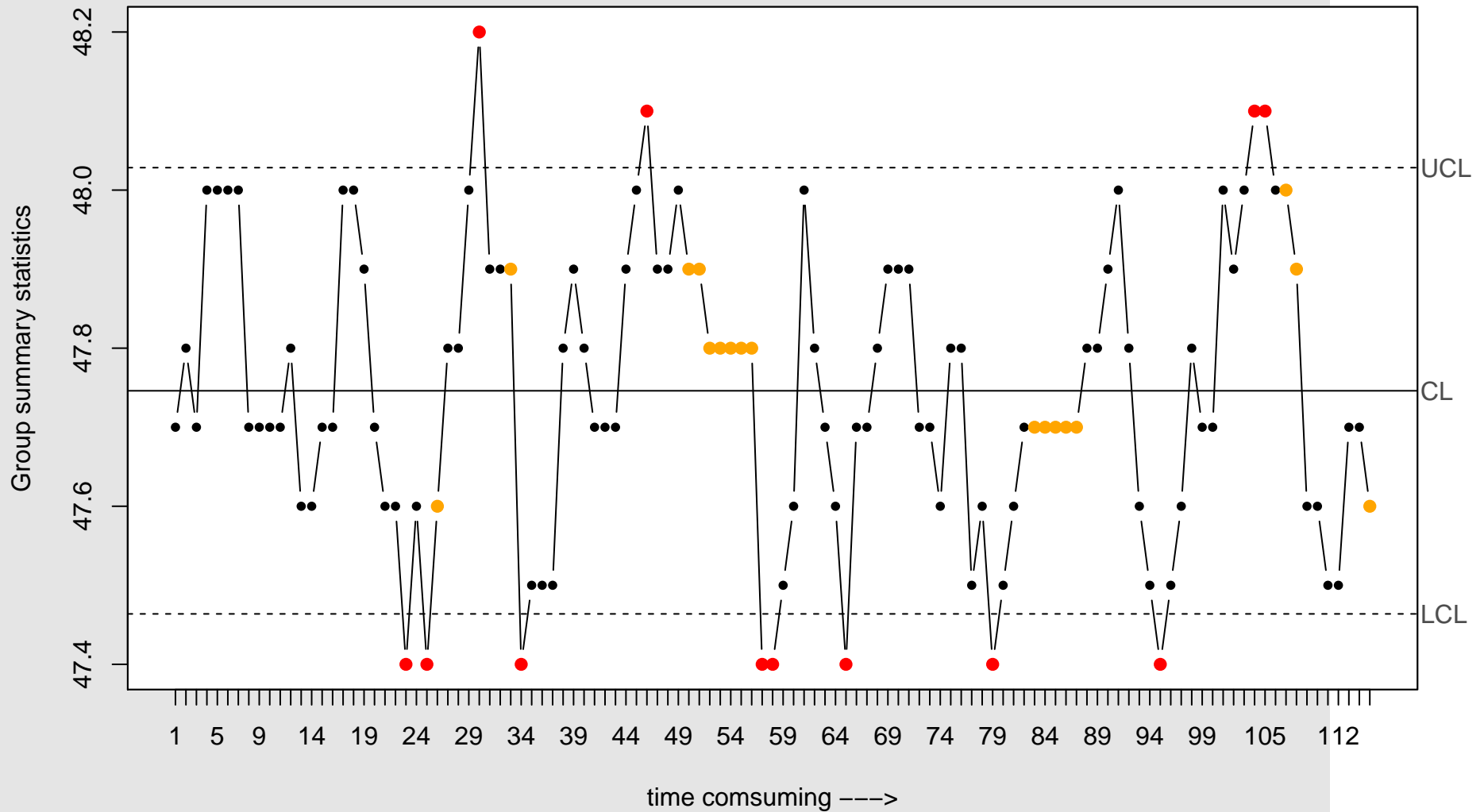
Number beyond limits = 18

Number violating runs = 20

212th column point of this product



213th column point of this product

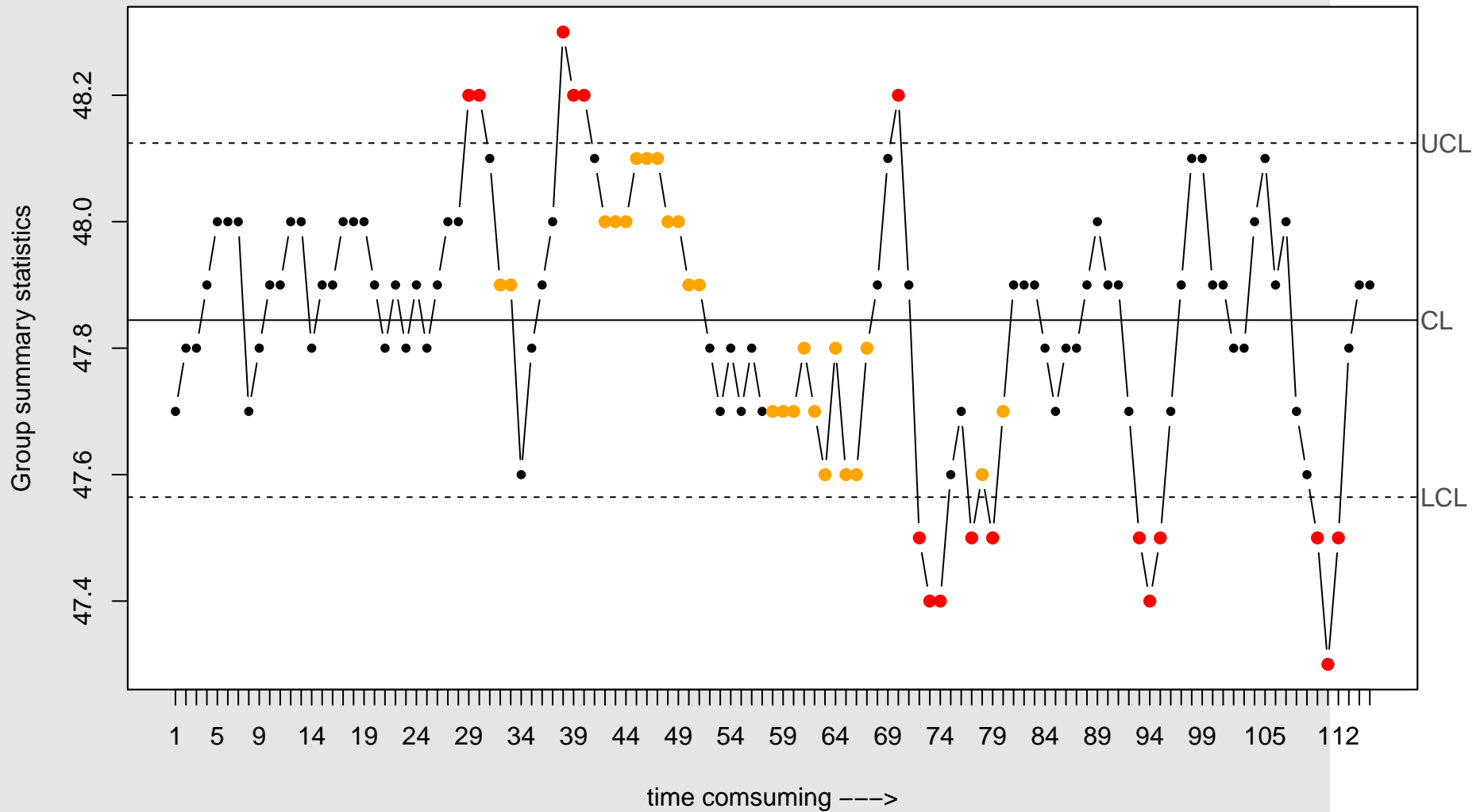


Number of groups = 115
 Center = 47.74609
 StdDev = 0.09409606

LCL = 47.4638
 UCL = 48.02838

Number beyond limits = 12
 Number violating runs = 17

214th column point of this product



Number of groups = 115

Center = 47.84435

StdDev = 0.0933184

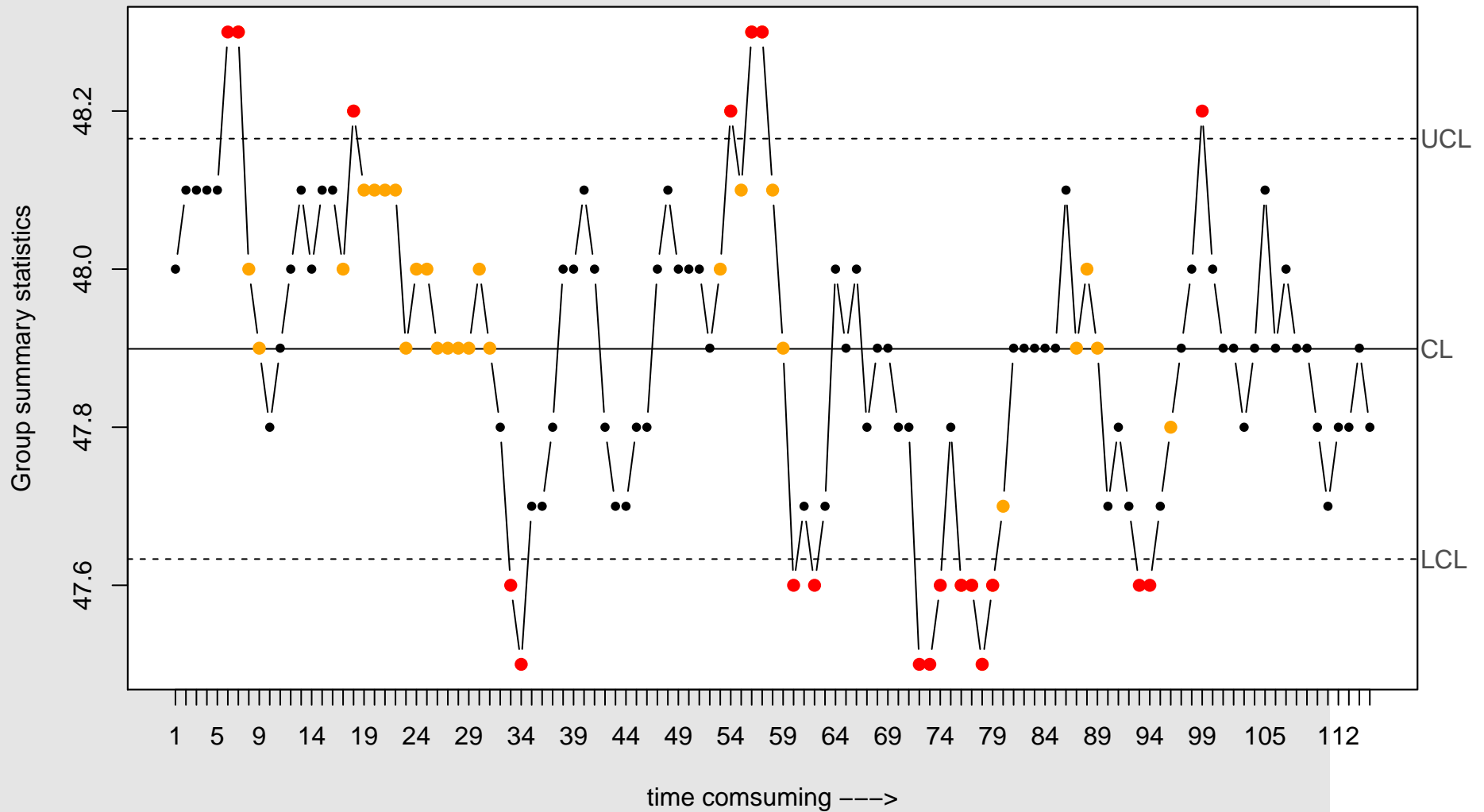
LCL = 47.56439

UCL = 48.1243

Number beyond limits = 17

Number violating runs = 25

215th column point of this product

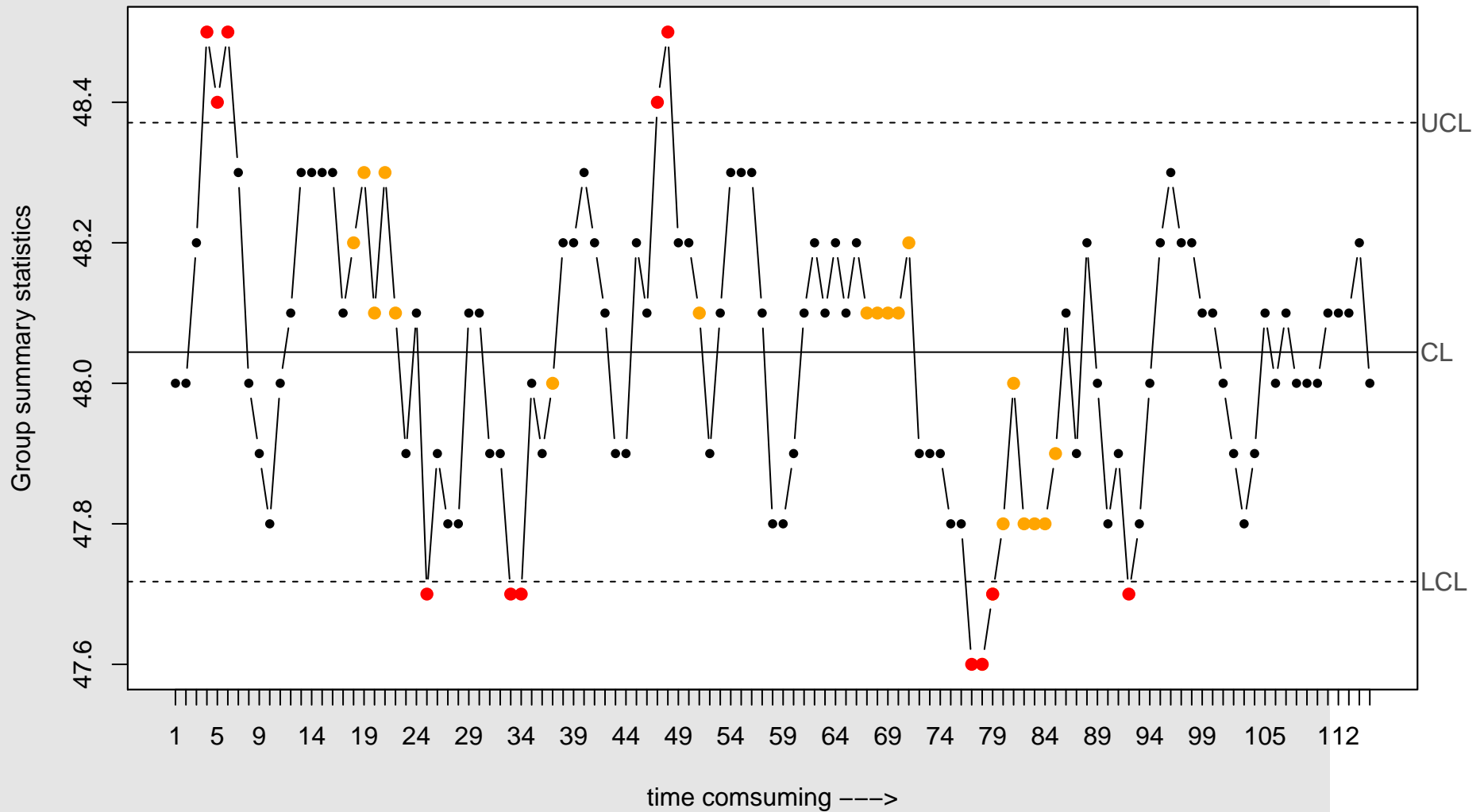


Number of groups = 115
 Center = 47.89913
 StdDev = 0.08865248

LCL = 47.63317
 UCL = 48.16509

Number beyond limits = 20
 Number violating runs = 34

216th column point of this product



Number of groups = 115

Center = 48.04435

StdDev = 0.1088715

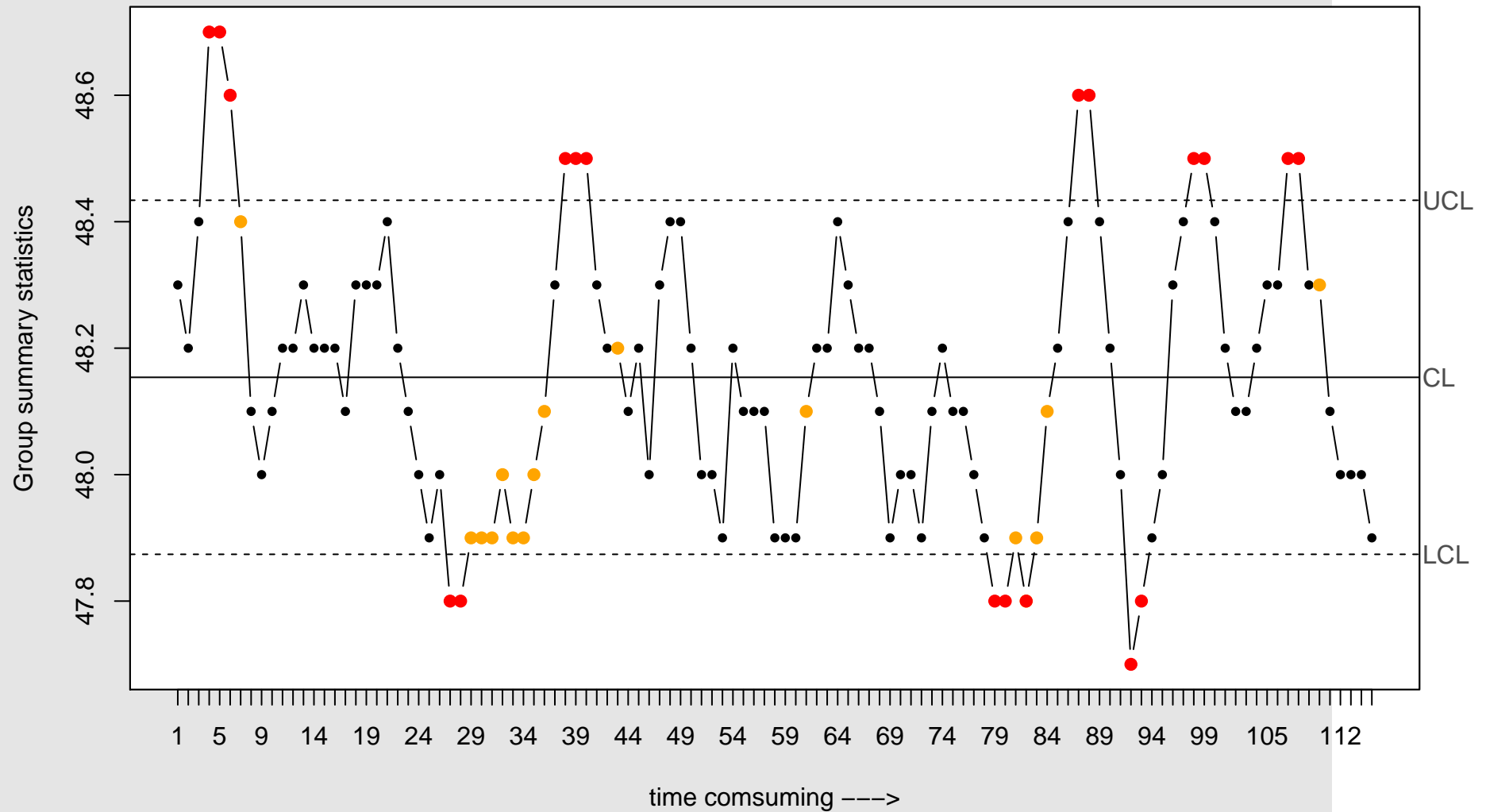
LCL = 47.71773

UCL = 48.37096

Number beyond limits = 12

Number violating runs = 20

217th column point of this product



Number of groups = 115

Center = 48.15391

StdDev = 0.0933184

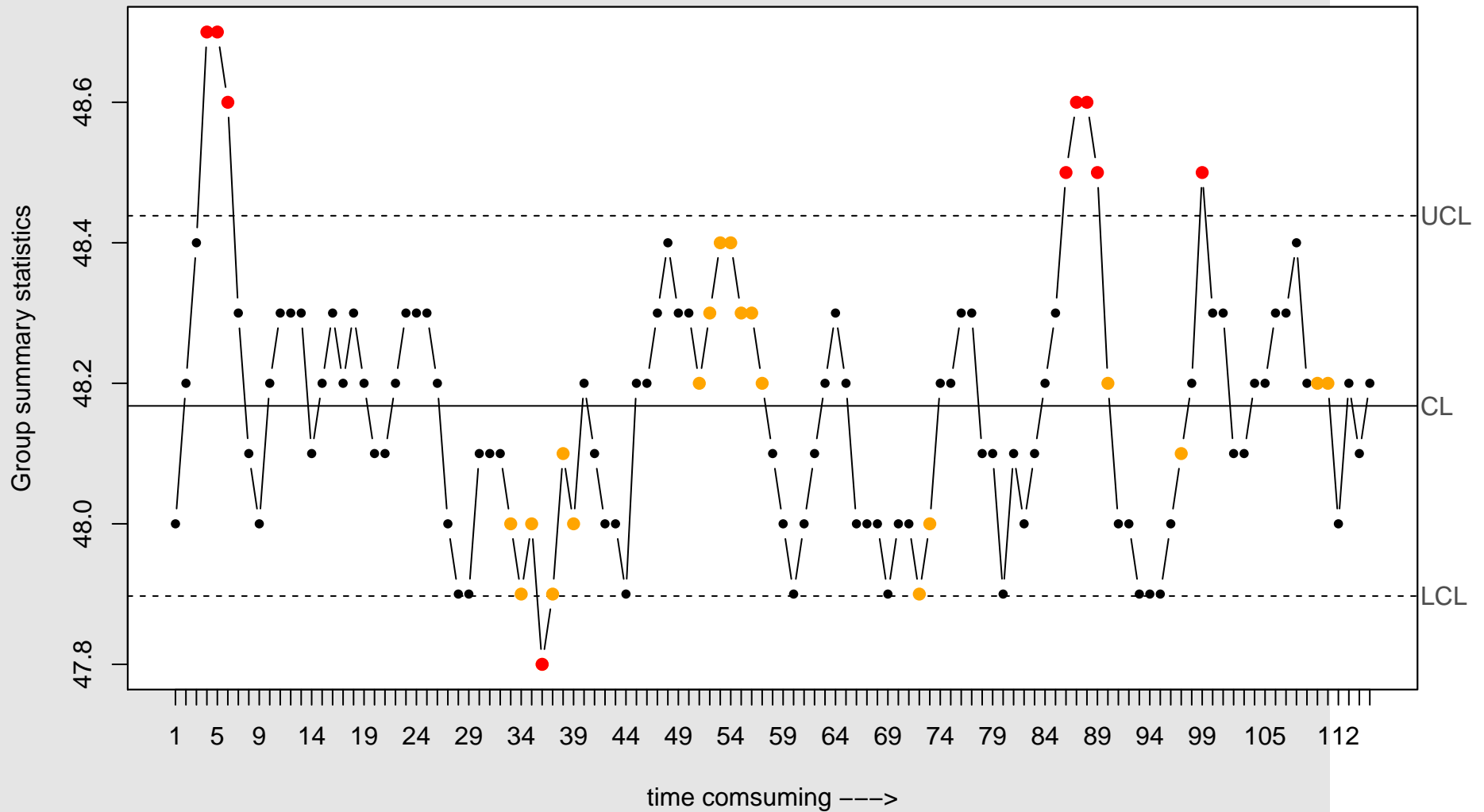
LCL = 47.87396

UCL = 48.43387

Number beyond limits = 19

Number violating runs = 16

218th column point of this product



Number of groups = 115

Center = 48.16783

StdDev = 0.09020779

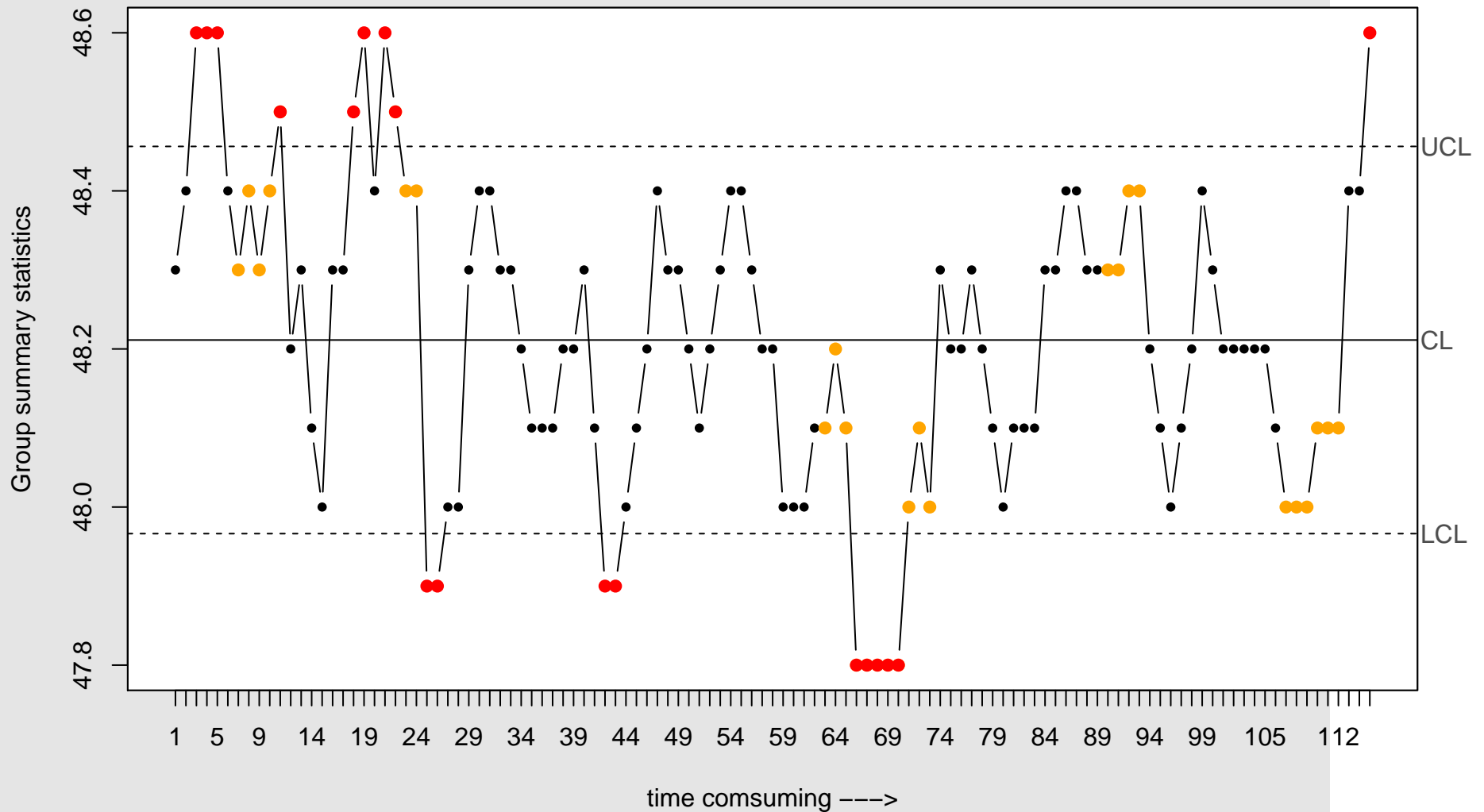
LCL = 47.8972

UCL = 48.43845

Number beyond limits = 9

Number violating runs = 20

219th column point of this product

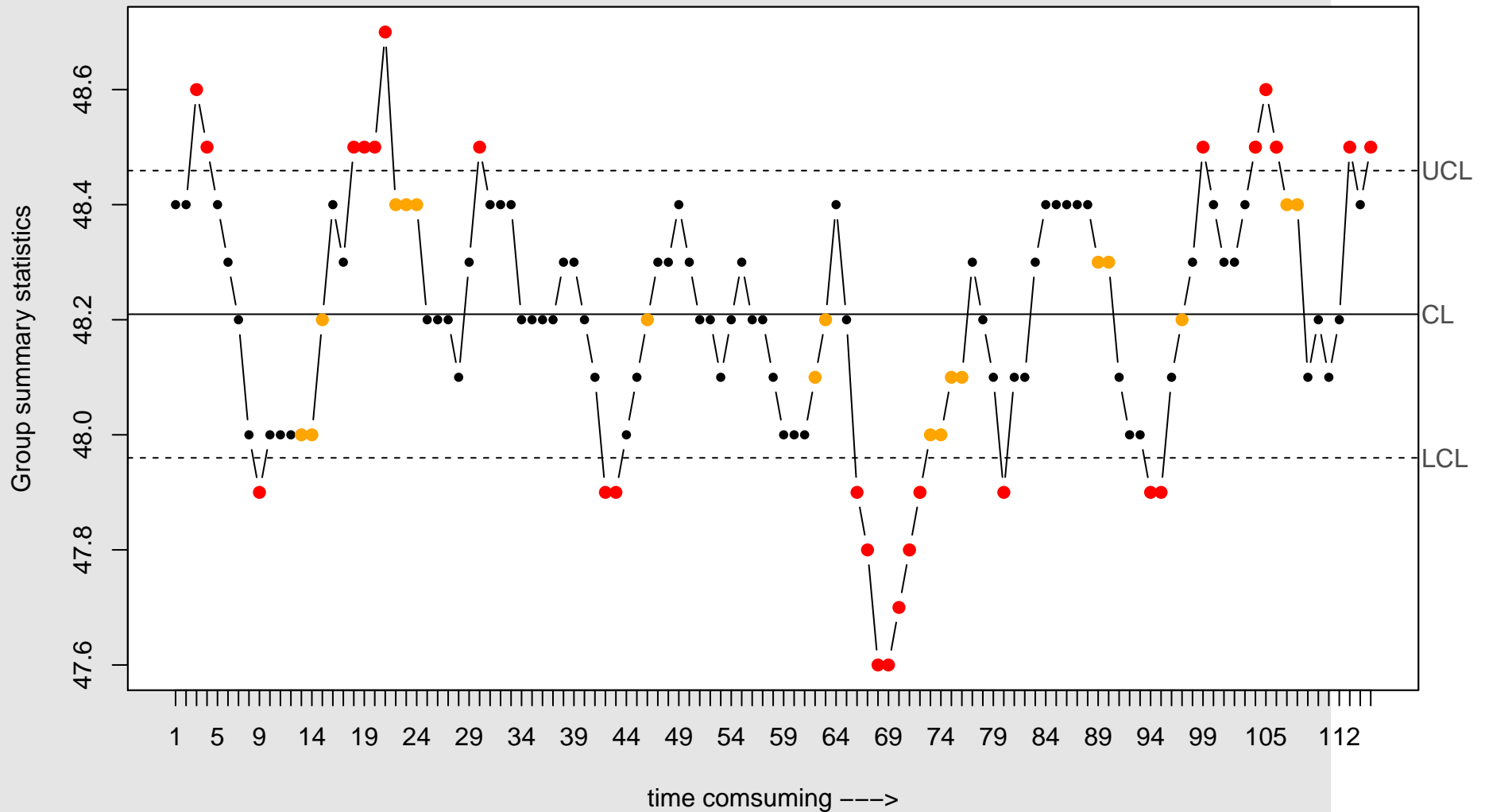


Number of groups = 115
 Center = 48.2113
 StdDev = 0.0816536

LCL = 47.96634
 UCL = 48.45627

Number beyond limits = 18
 Number violating runs = 29

220th column point of this product

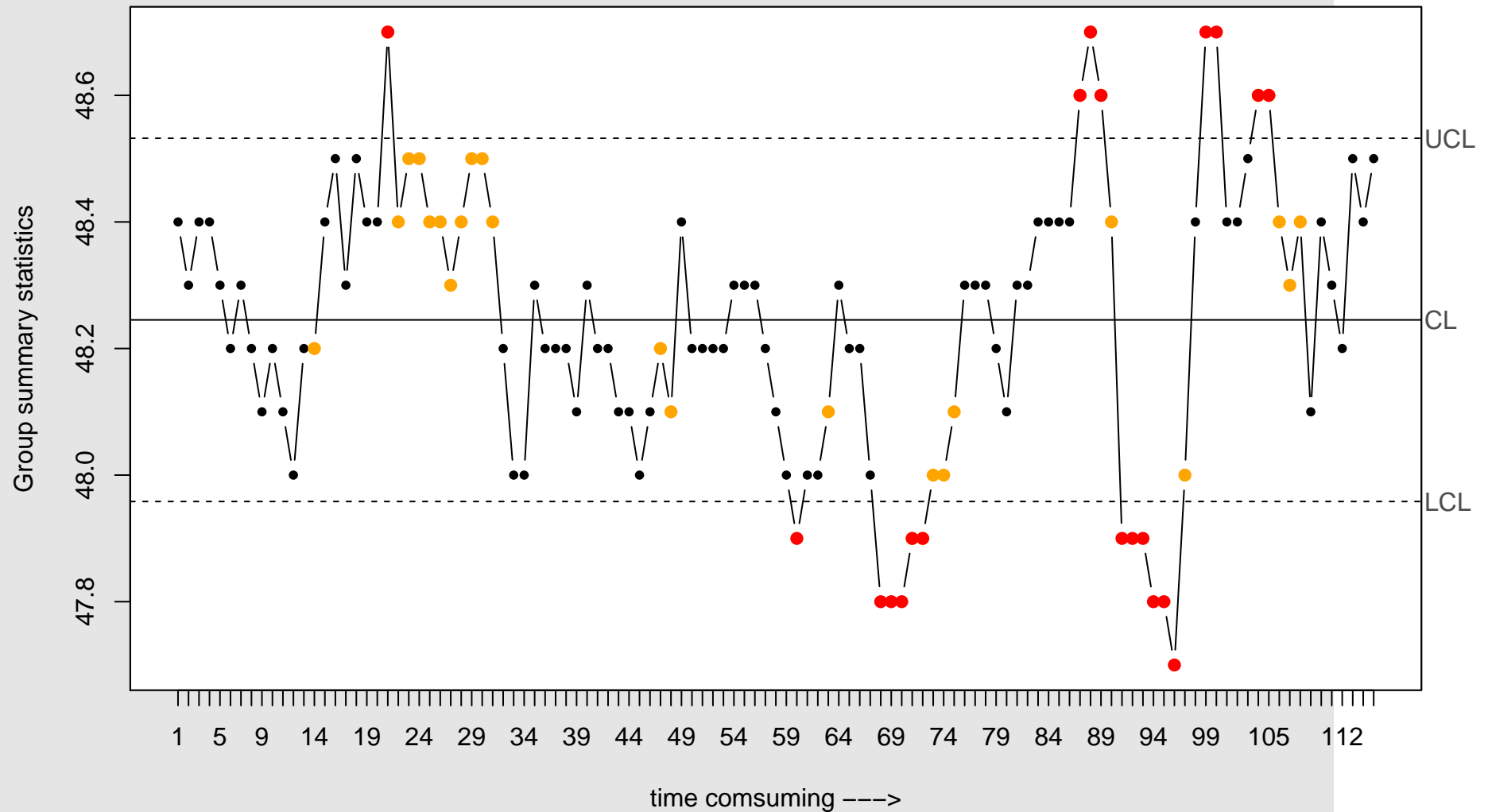


Number of groups = 115
 Center = 48.20957
 StdDev = 0.08320891

LCL = 47.95994
 UCL = 48.45919

Number beyond limits = 26
 Number violating runs = 23

221th column point of this product



Number of groups = 115

Center = 48.24522

StdDev = 0.09565136

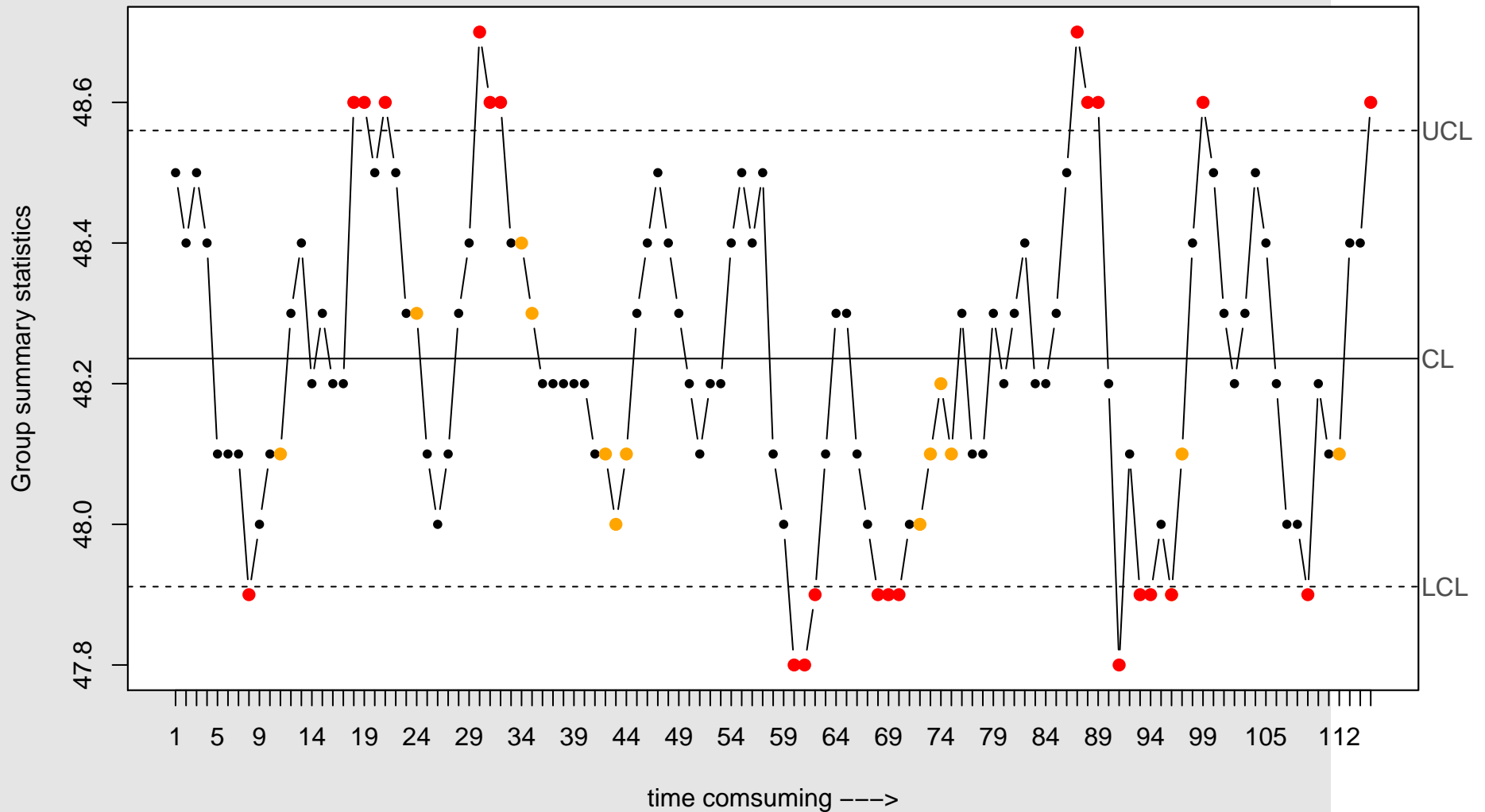
LCL = 47.95826

UCL = 48.53217

Number beyond limits = 20

Number violating runs = 30

222th column point of this product



Number of groups = 115

Center = 48.23565

StdDev = 0.1080938

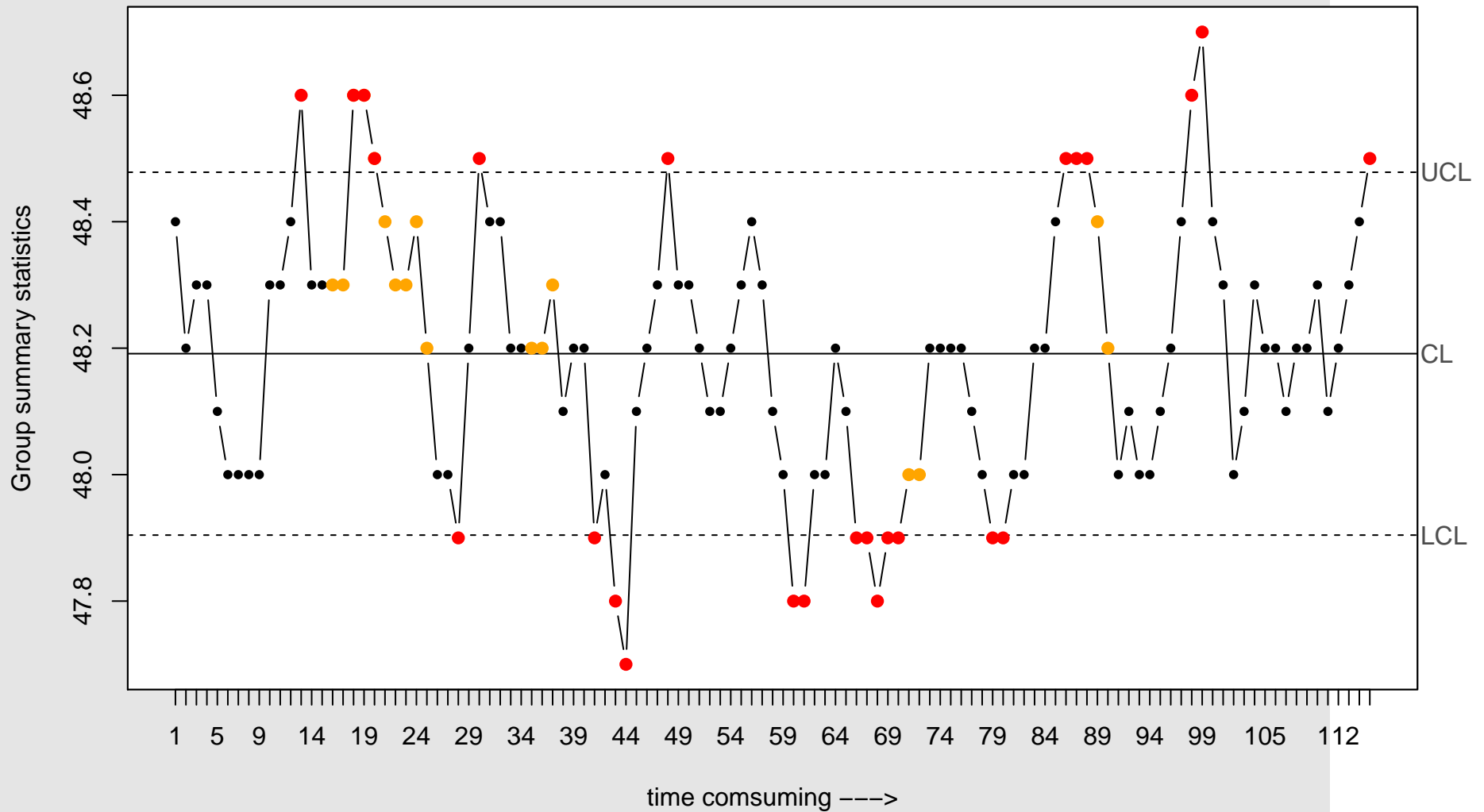
LCL = 47.91137

UCL = 48.55993

Number beyond limits = 23

Number violating runs = 14

223th column point of this product

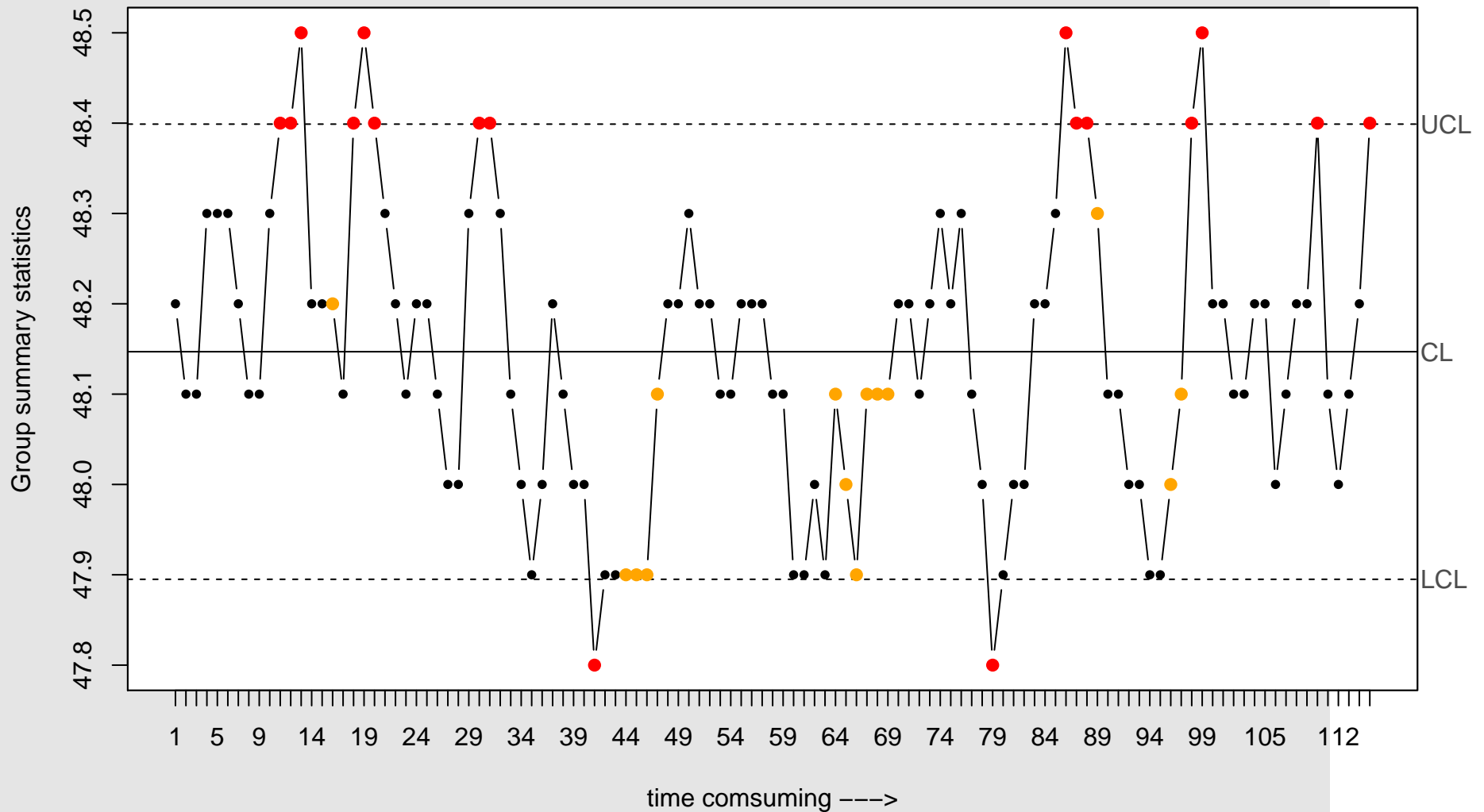


Number of groups = 115
 Center = 48.1913
 StdDev = 0.09565136

LCL = 47.90435
 UCL = 48.47826

Number beyond limits = 25
 Number violating runs = 17

224th column point of this product

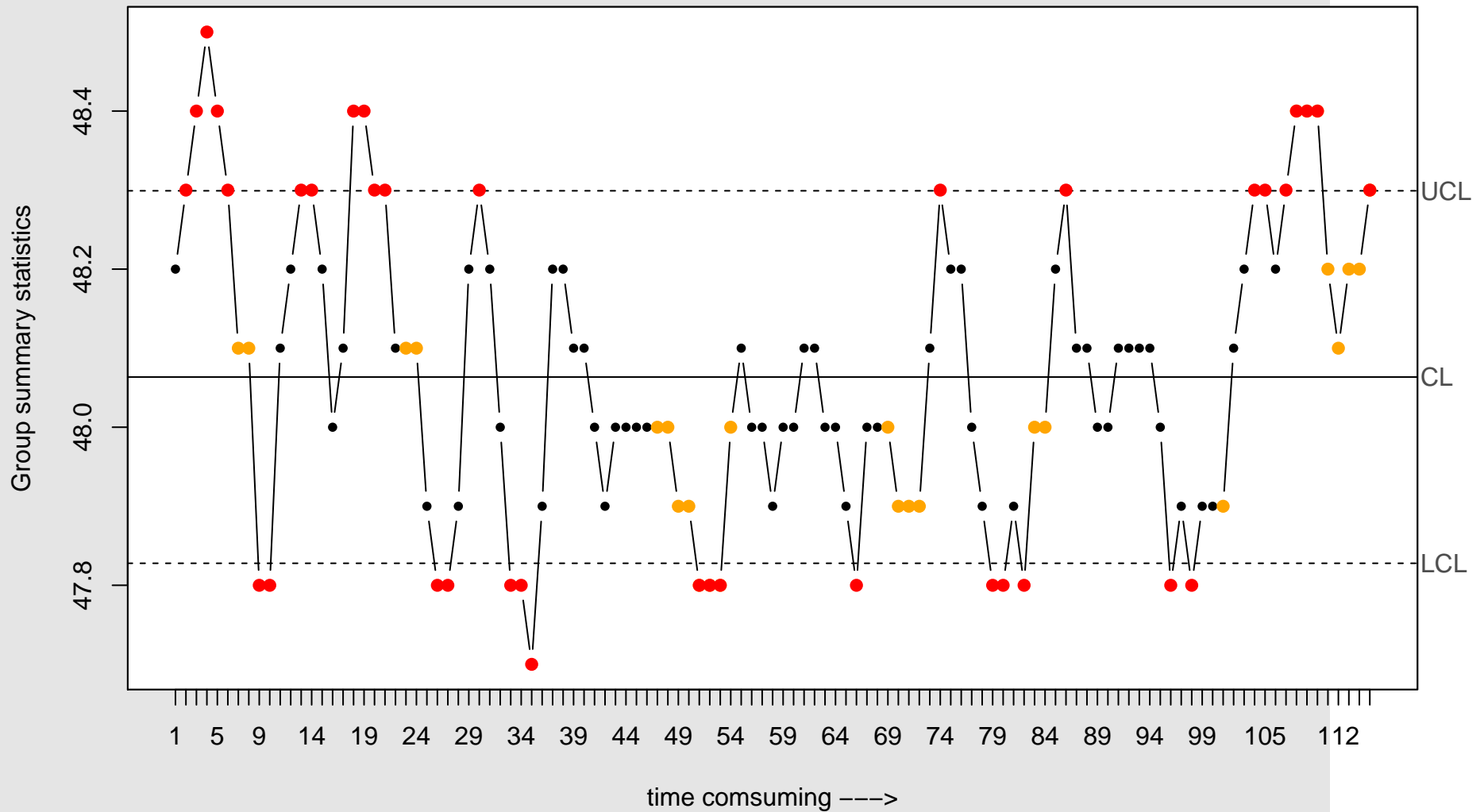


Number of groups = 115
 Center = 48.14696
 StdDev = 0.08398656

LCL = 47.895
 UCL = 48.39892

Number beyond limits = 17
 Number violating runs = 14

225th column point of this product

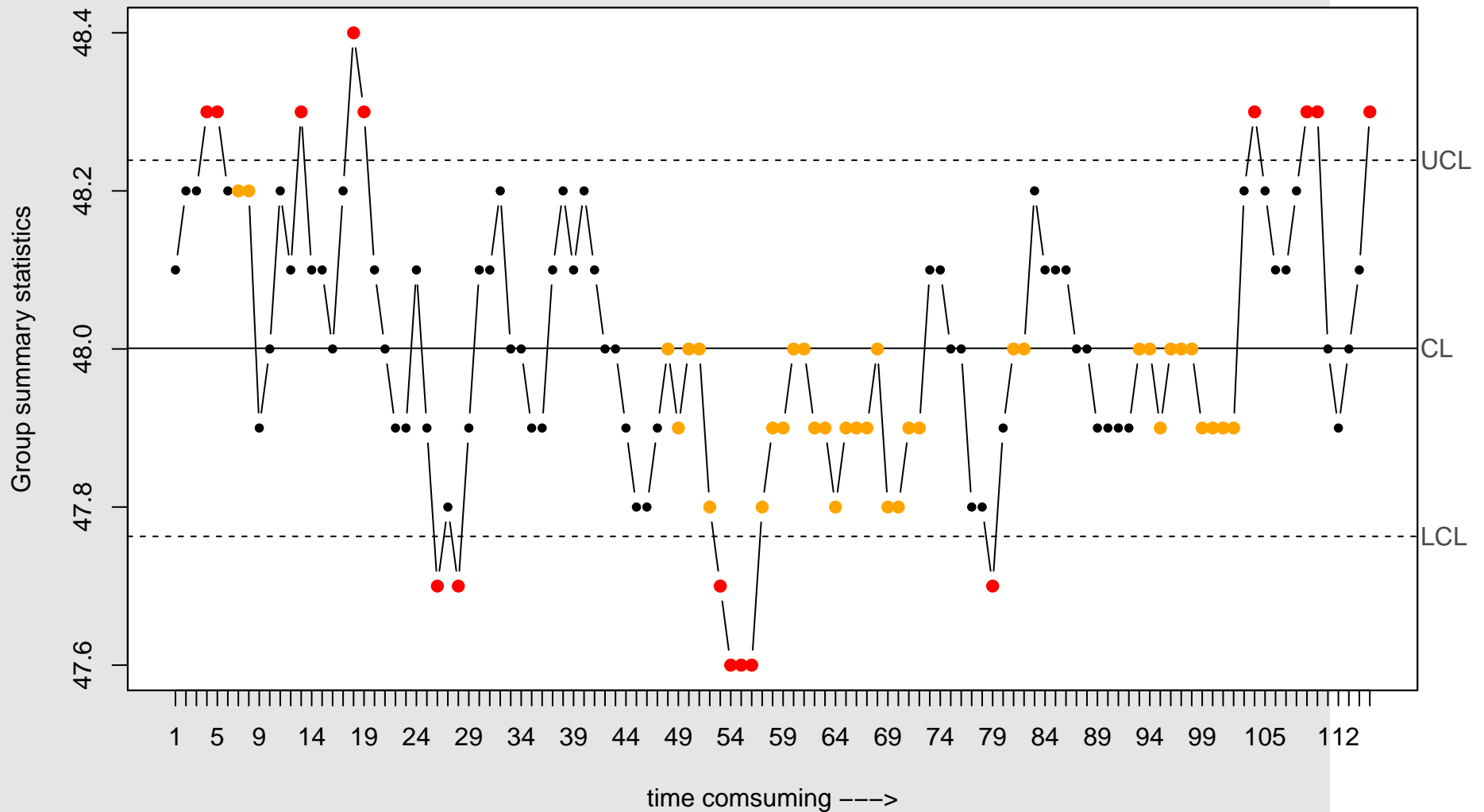


Number of groups = 115
 Center = 48.06348
 StdDev = 0.07854299

LCL = 47.82785
 UCL = 48.29911

Number beyond limits = 37
 Number violating runs = 27

226th column point of this product

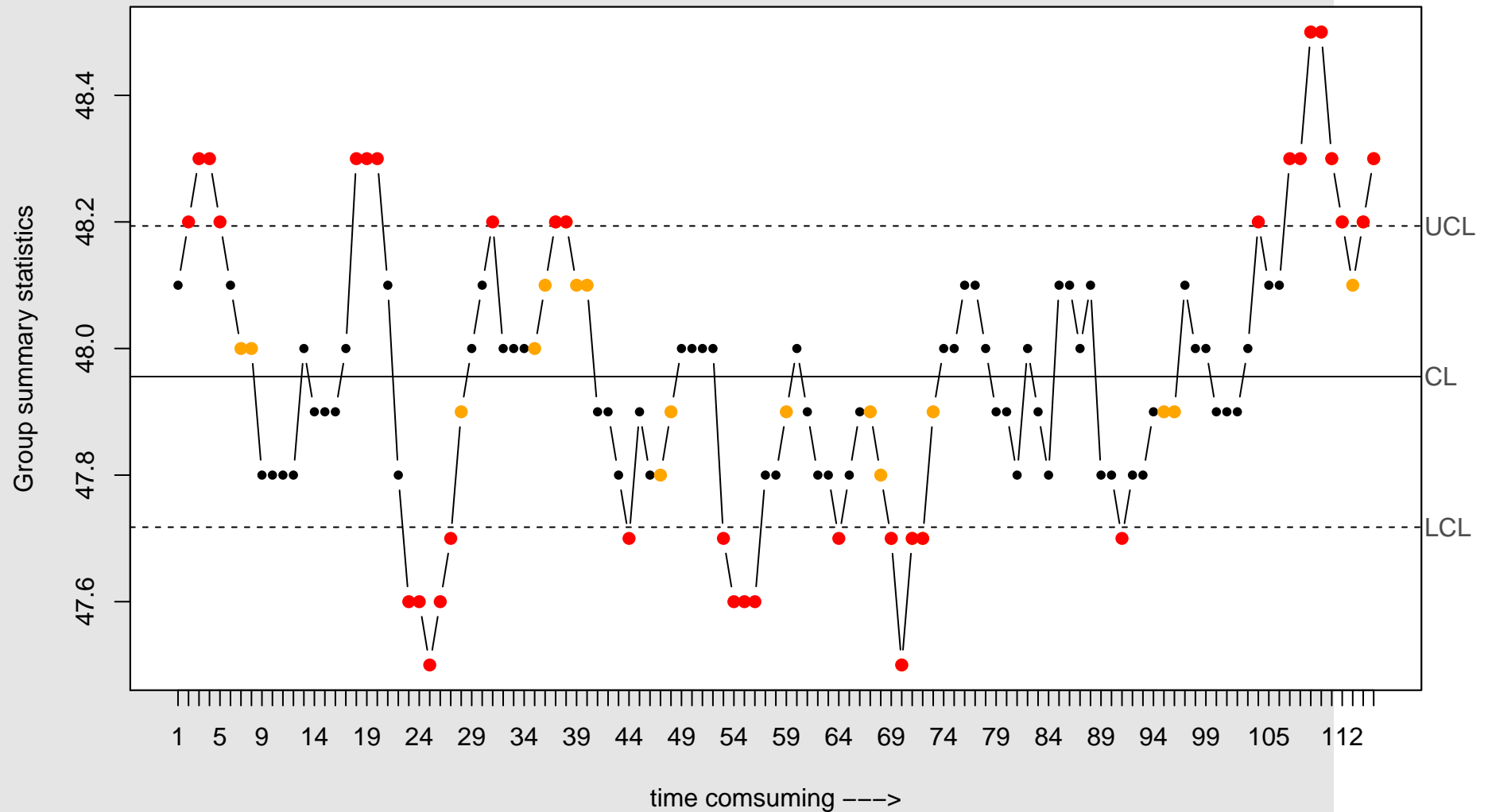


Number of groups = 115
 Center = 48.00087
 StdDev = 0.07932064

LCL = 47.76291
 UCL = 48.23883

Number beyond limits = 16
 Number violating runs = 41

227th column point of this product

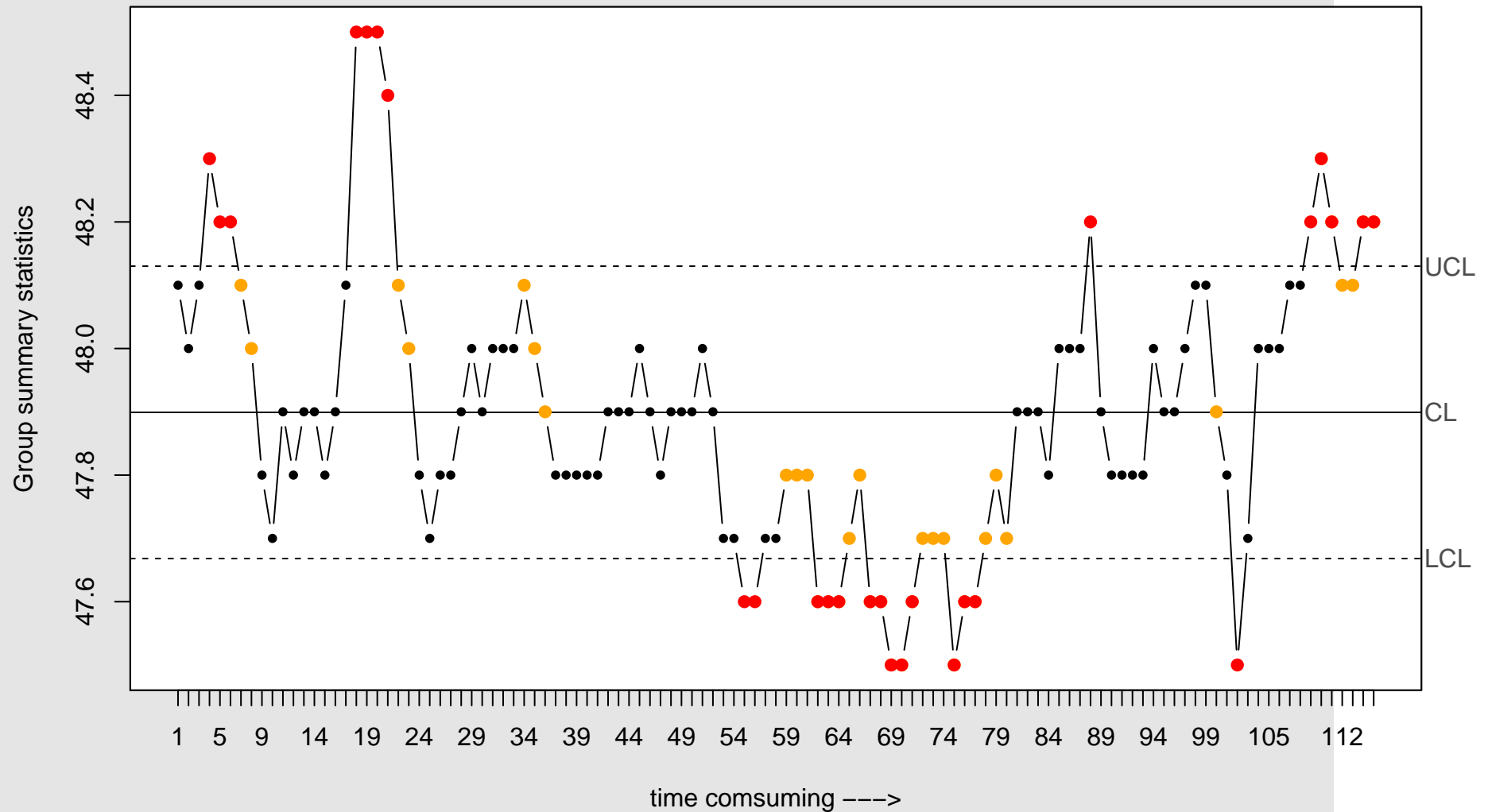


Number of groups = 115
 Center = 47.95565
 StdDev = 0.07932064

LCL = 47.71769
 UCL = 48.19361

Number beyond limits = 35
 Number violating runs = 28

228th column point of this product

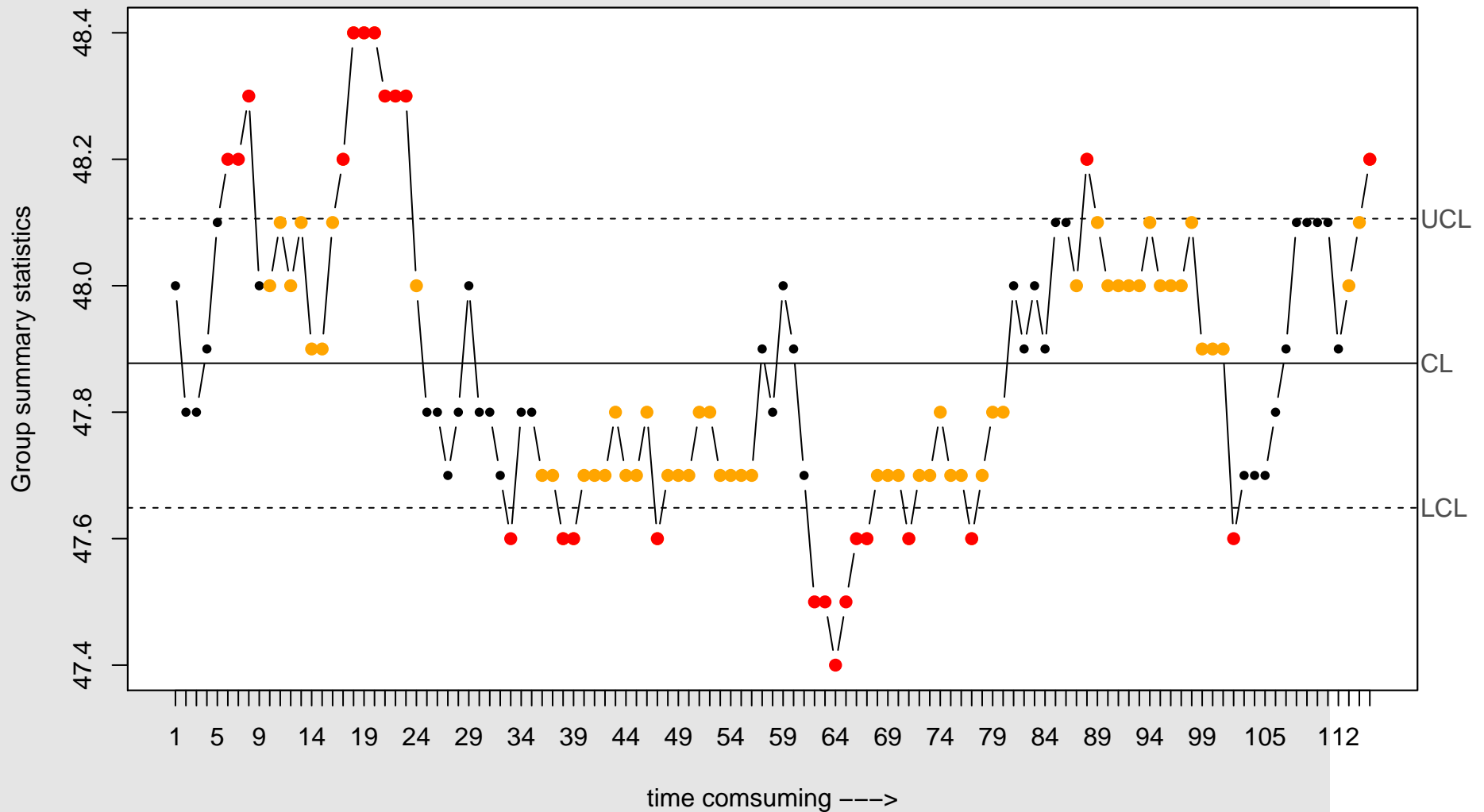


Number of groups = 115
 Center = 47.89913
 StdDev = 0.07698768

LCL = 47.66817
 UCL = 48.13009

Number beyond limits = 27
 Number violating runs = 36

229th column point of this product



Number of groups = 115

Center = 47.87739

StdDev = 0.07621003

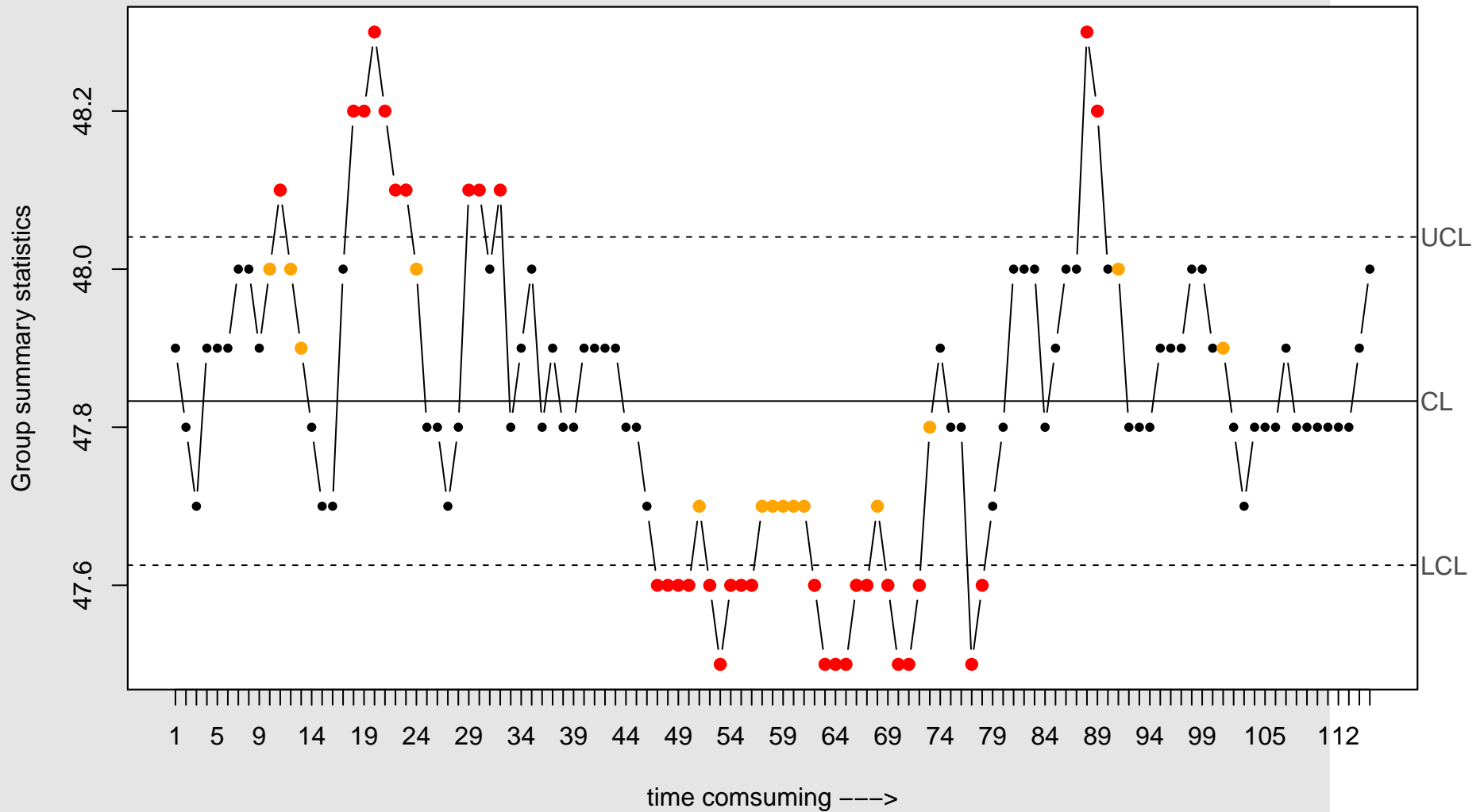
LCL = 47.64876

UCL = 48.10602

Number beyond limits = 25

Number violating runs = 68

230th column point of this product

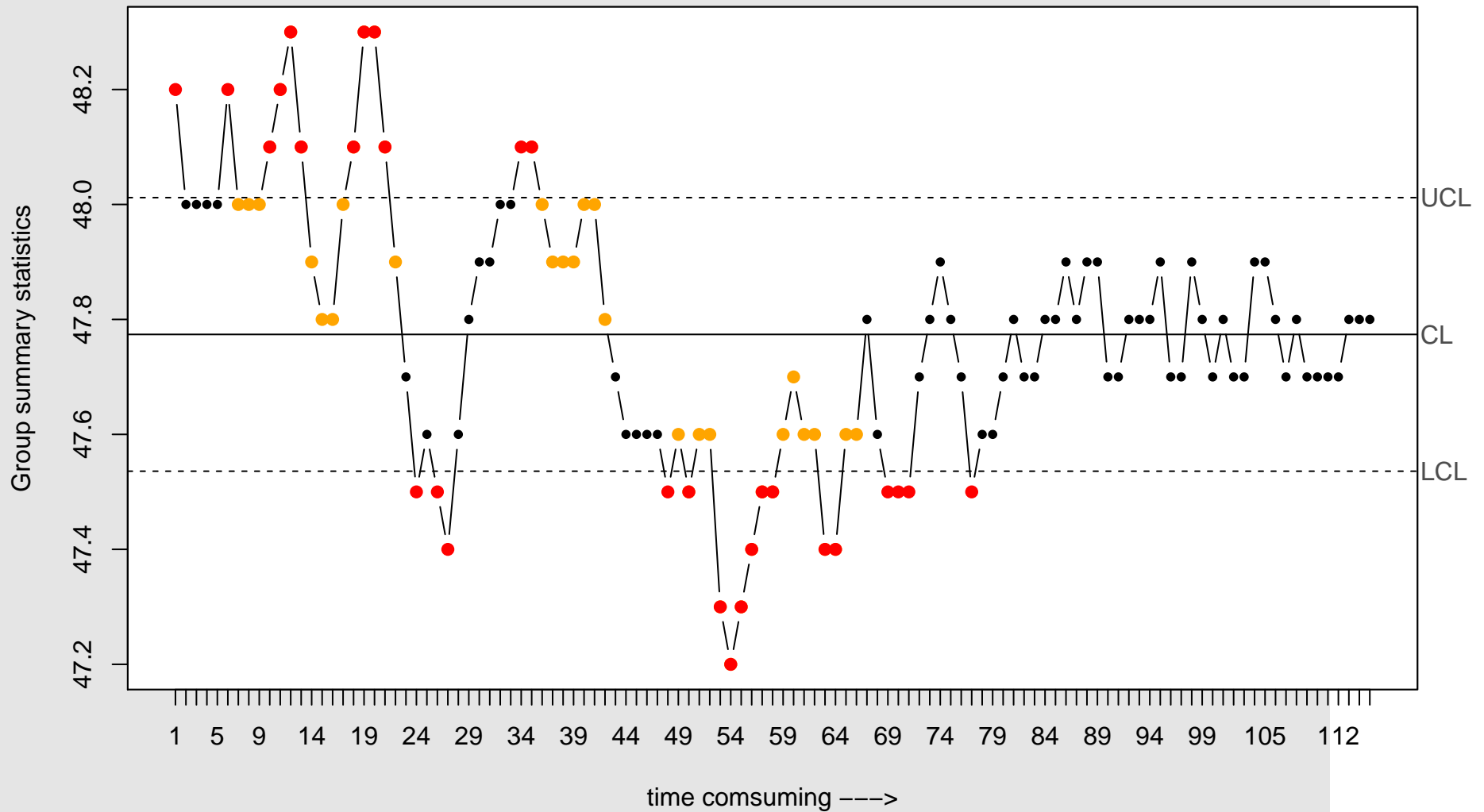


Number of groups = 115
 Center = 47.83304
 StdDev = 0.06921115

LCL = 47.62541
 UCL = 48.04068

Number beyond limits = 33
 Number violating runs = 32

231th column point of this product

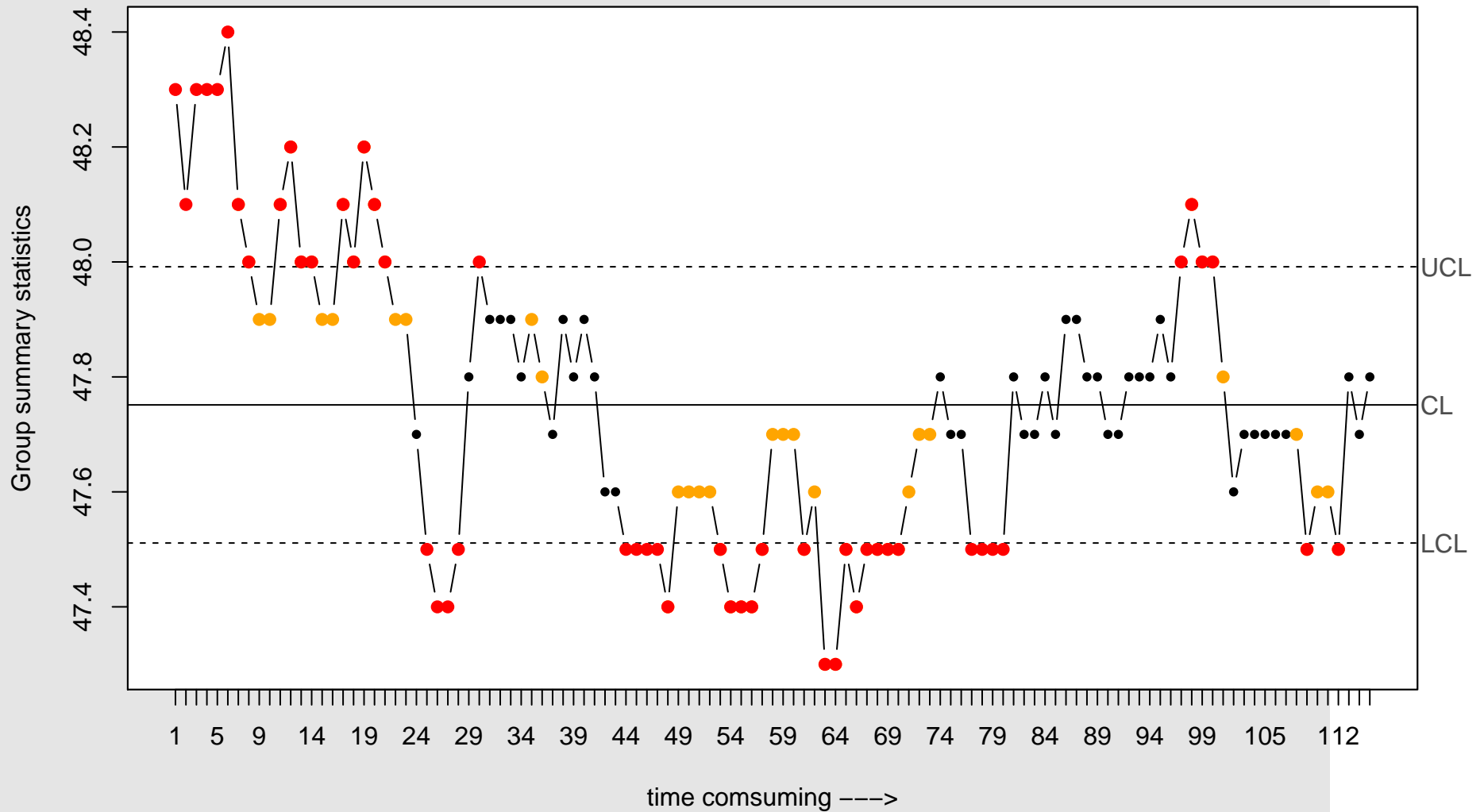


Number of groups = 115
 Center = 47.77391
 StdDev = 0.07932064

LCL = 47.53595
 UCL = 48.01187

Number beyond limits = 29
 Number violating runs = 42

232th column point of this product

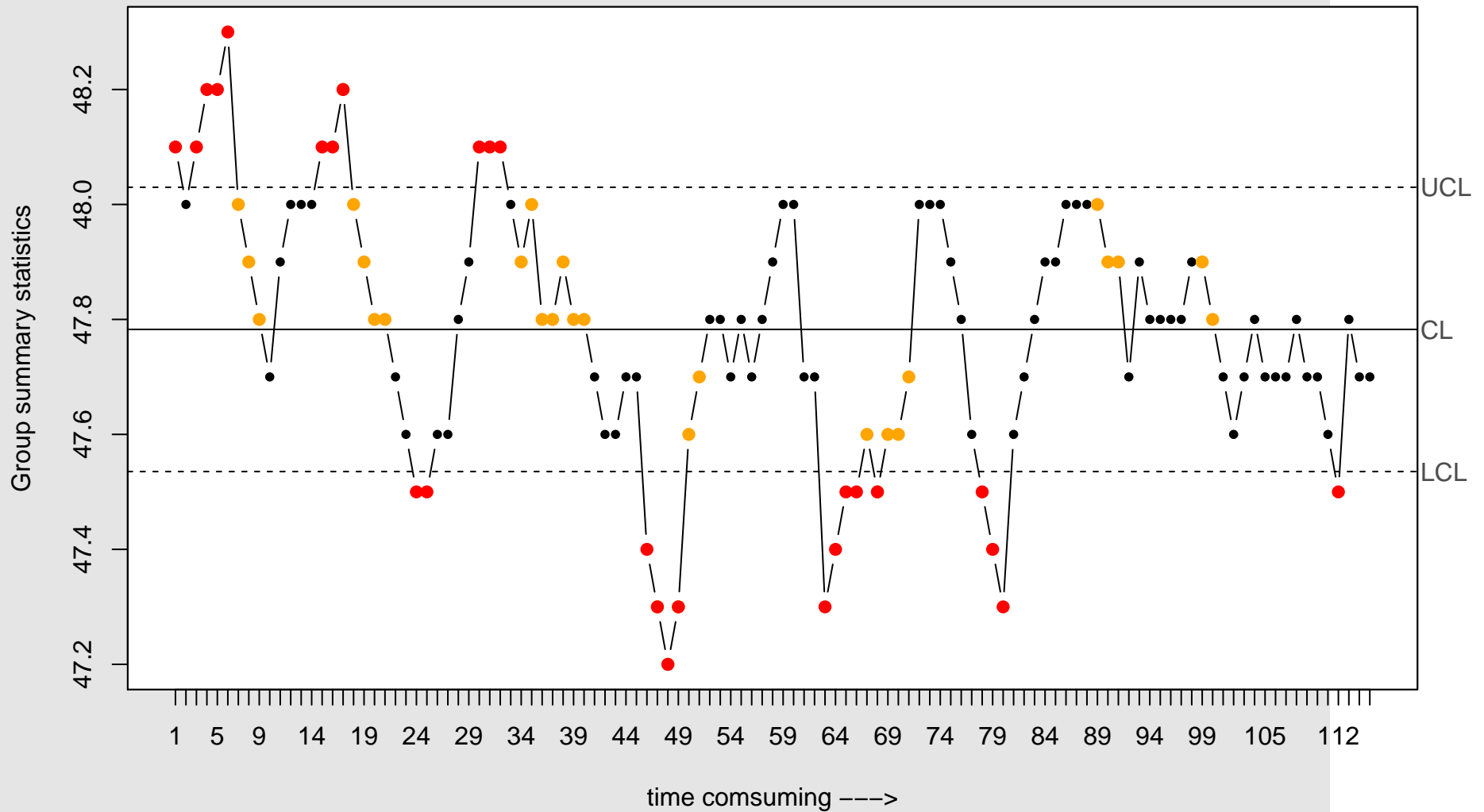


Number of groups = 115
 Center = 47.7513
 StdDev = 0.0800983

LCL = 47.51101
 UCL = 47.9916

Number beyond limits = 51
 Number violating runs = 54

233th column point of this product

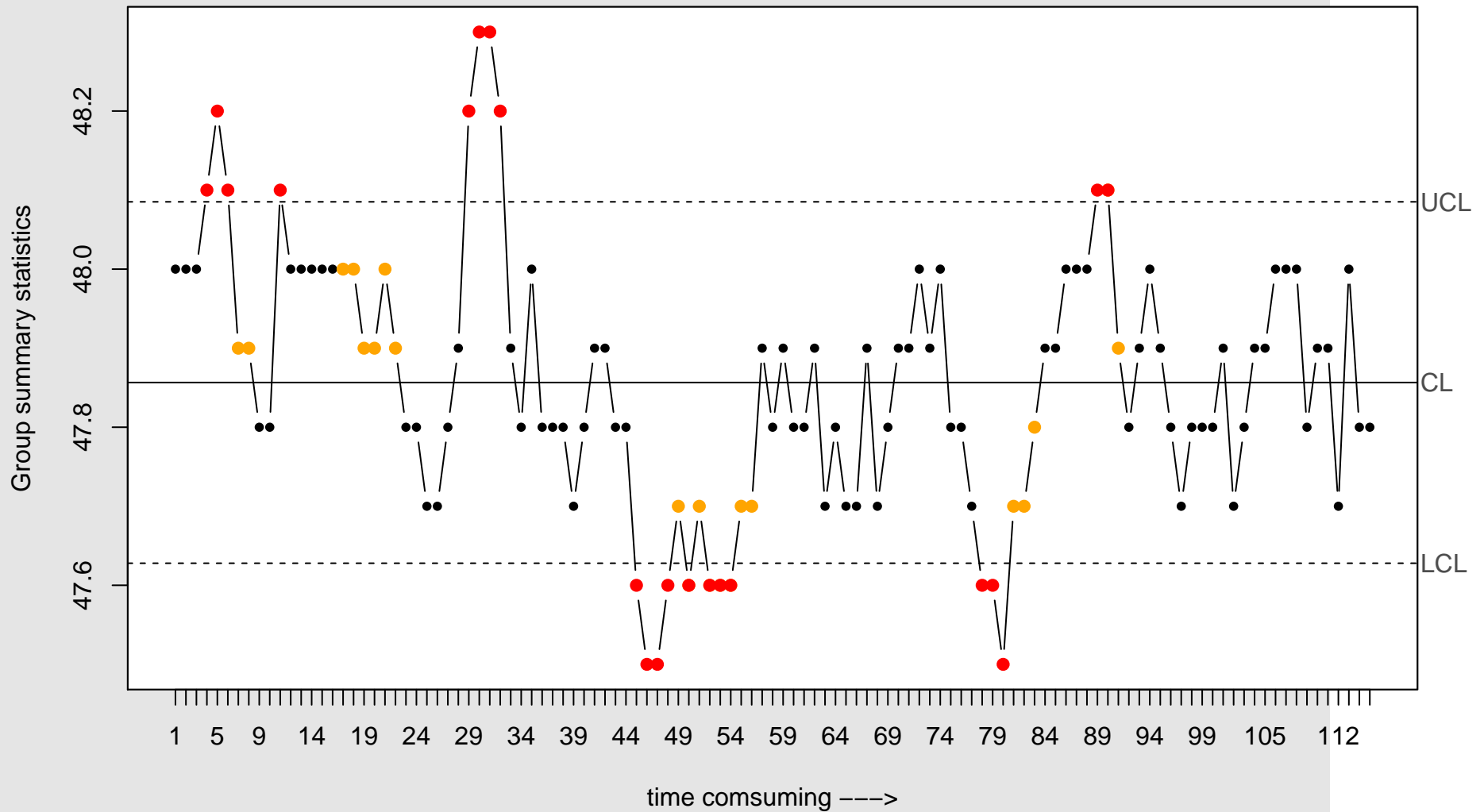


Number of groups = 115
 Center = 47.78261
 StdDev = 0.08243126

LCL = 47.53531
 UCL = 48.0299

Number beyond limits = 26
 Number violating runs = 30

234th column point of this product

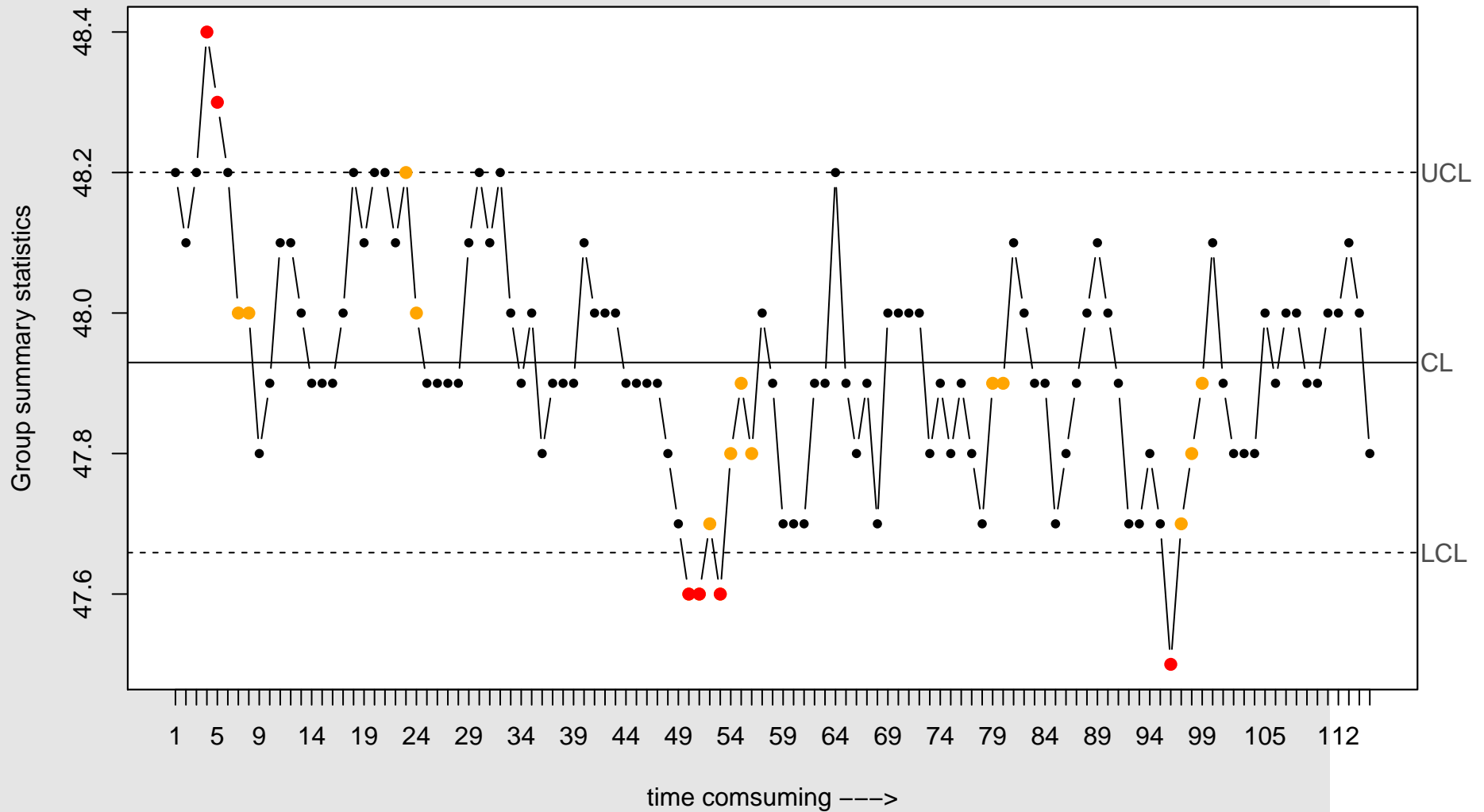


Number of groups = 115
 Center = 47.85652
 StdDev = 0.07621003

LCL = 47.62789
 UCL = 48.08515

Number beyond limits = 21
 Number violating runs = 21

235th column point of this product

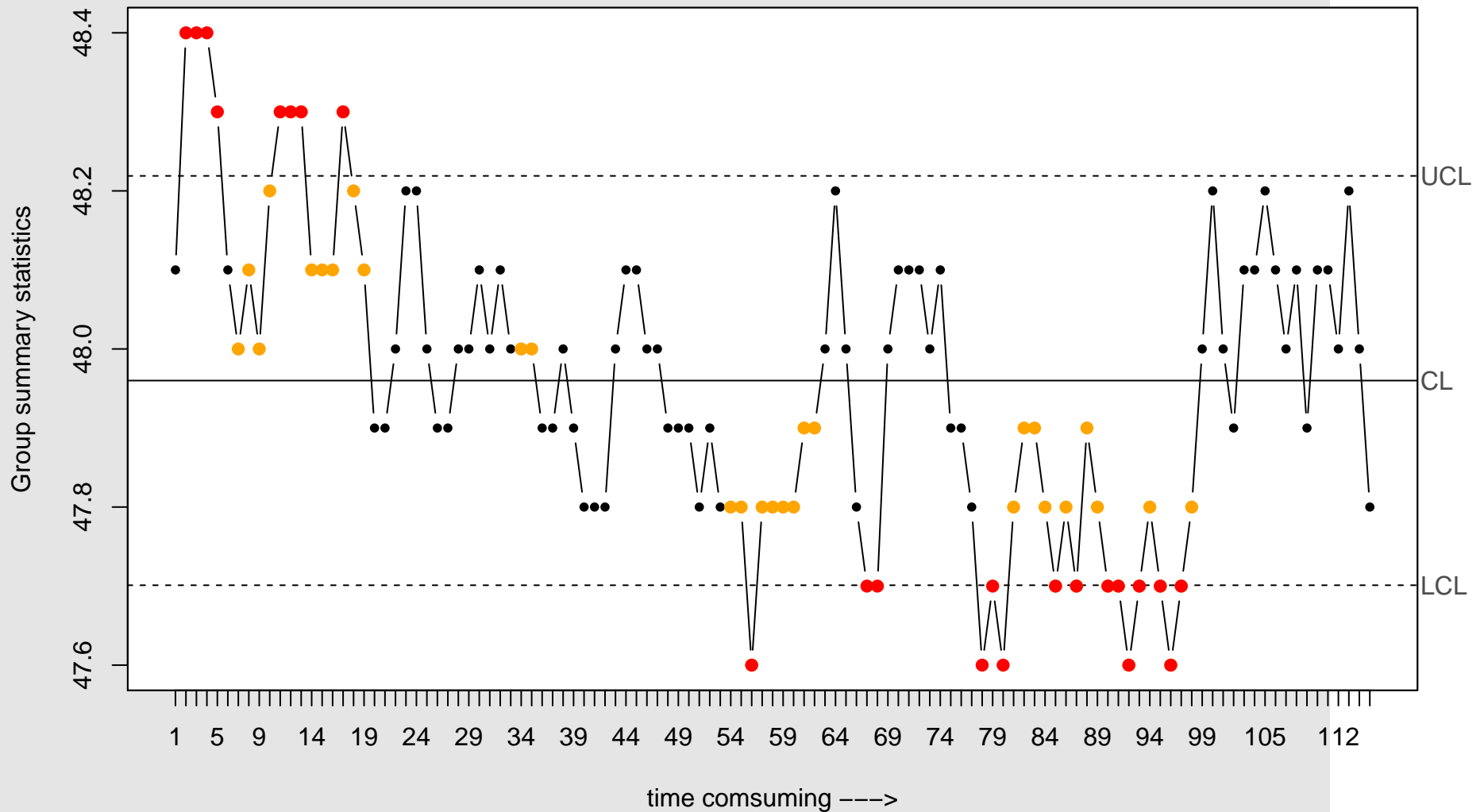


Number of groups = 115
Center = 47.92957
StdDev = 0.09020779

LCL = 47.65894
UCL = 48.20019

Number beyond limits = 6
Number violating runs = 16

236th column point of this product



Number of groups = 115

Center = 47.96

StdDev = 0.08631952

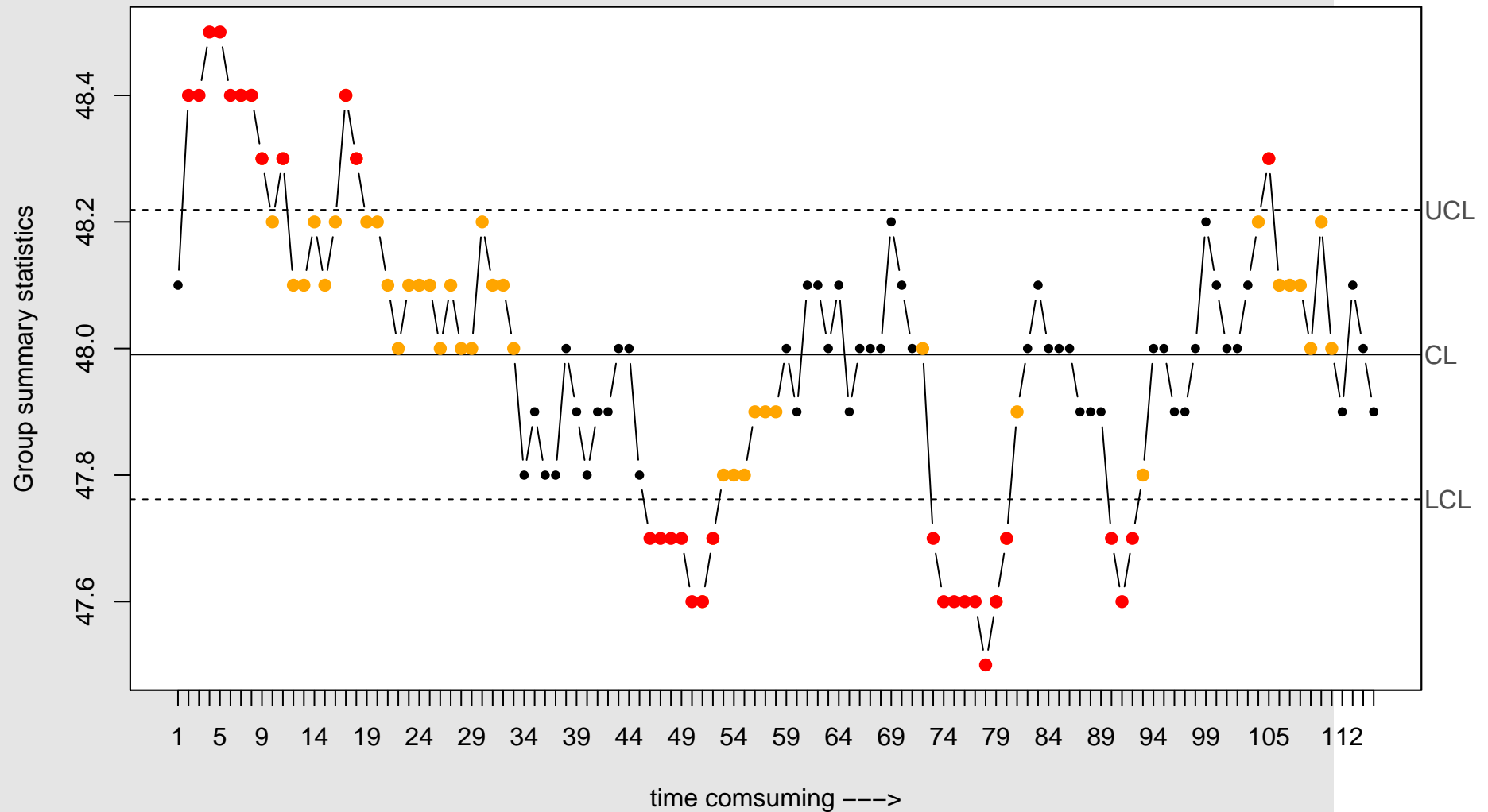
LCL = 47.70104

UCL = 48.21896

Number beyond limits = 23

Number violating runs = 42

237th column point of this product

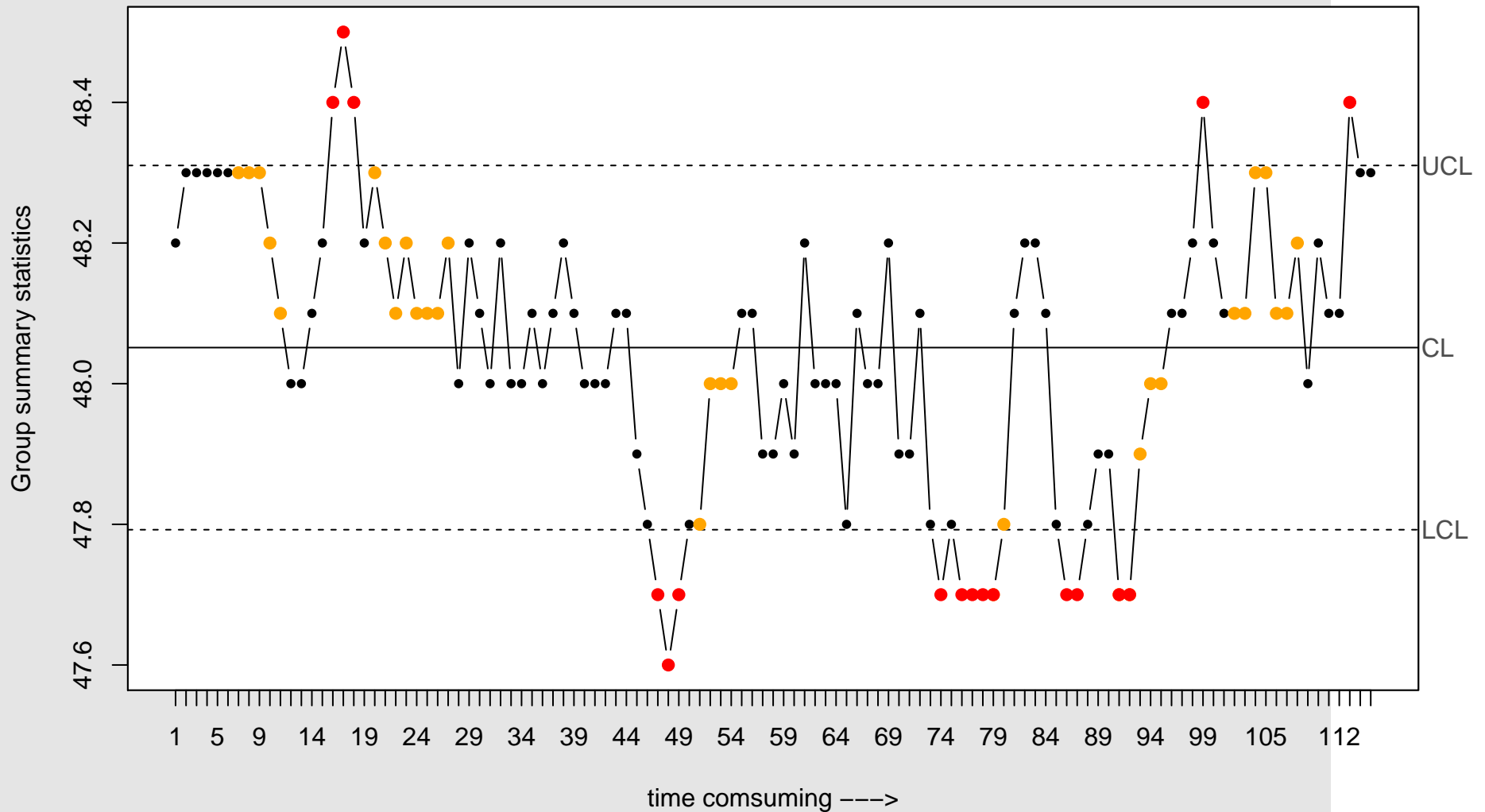


Number of groups = 115
 Center = 47.99043
 StdDev = 0.07621003

LCL = 47.7618
 UCL = 48.21906

Number beyond limits = 30
 Number violating runs = 48

238th column point of this product

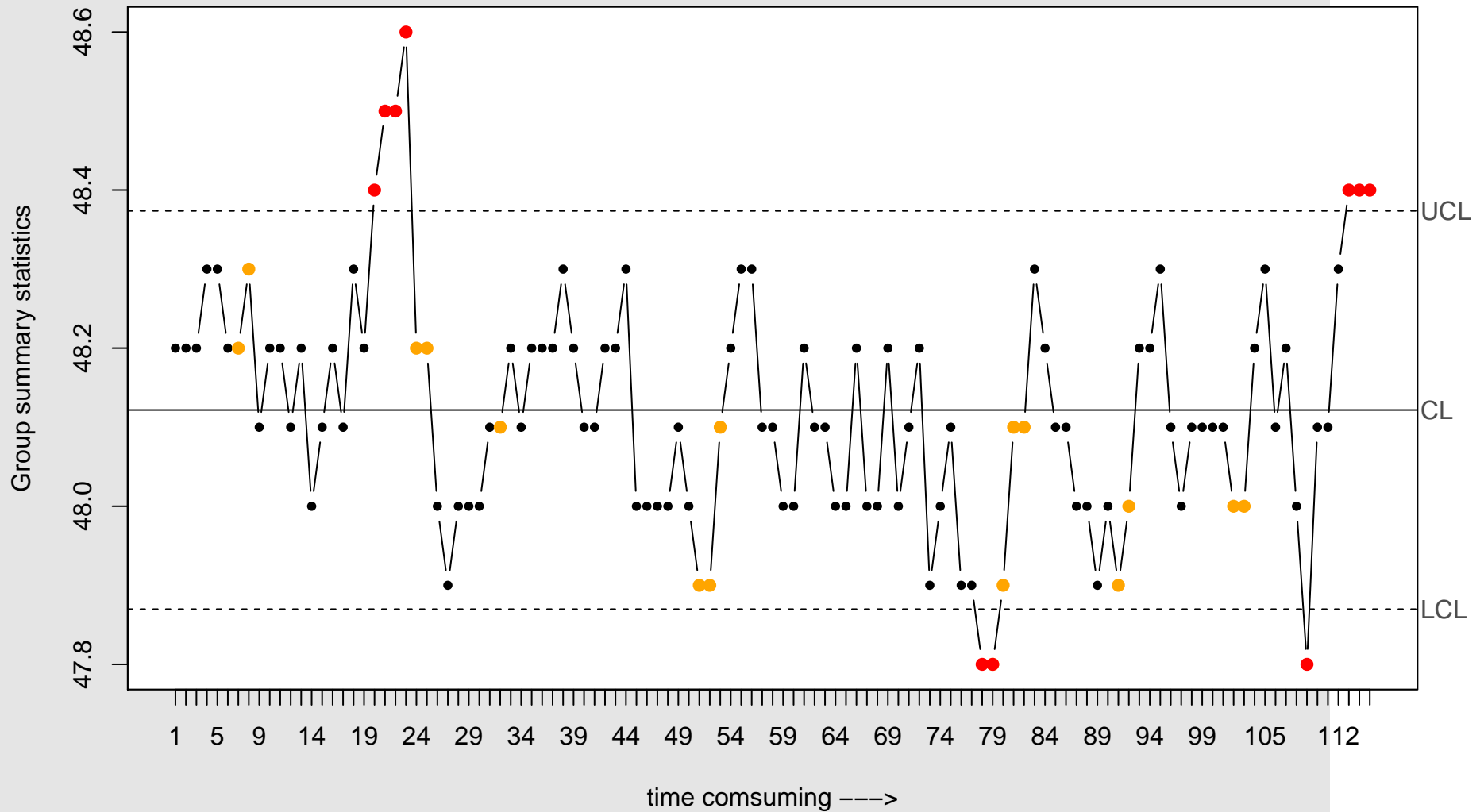


Number of groups = 115
 Center = 48.0513
 StdDev = 0.08631952

LCL = 47.79235
 UCL = 48.31026

Number beyond limits = 17
 Number violating runs = 31

239th column point of this product



Number of groups = 115

Center = 48.12174

StdDev = 0.08398656

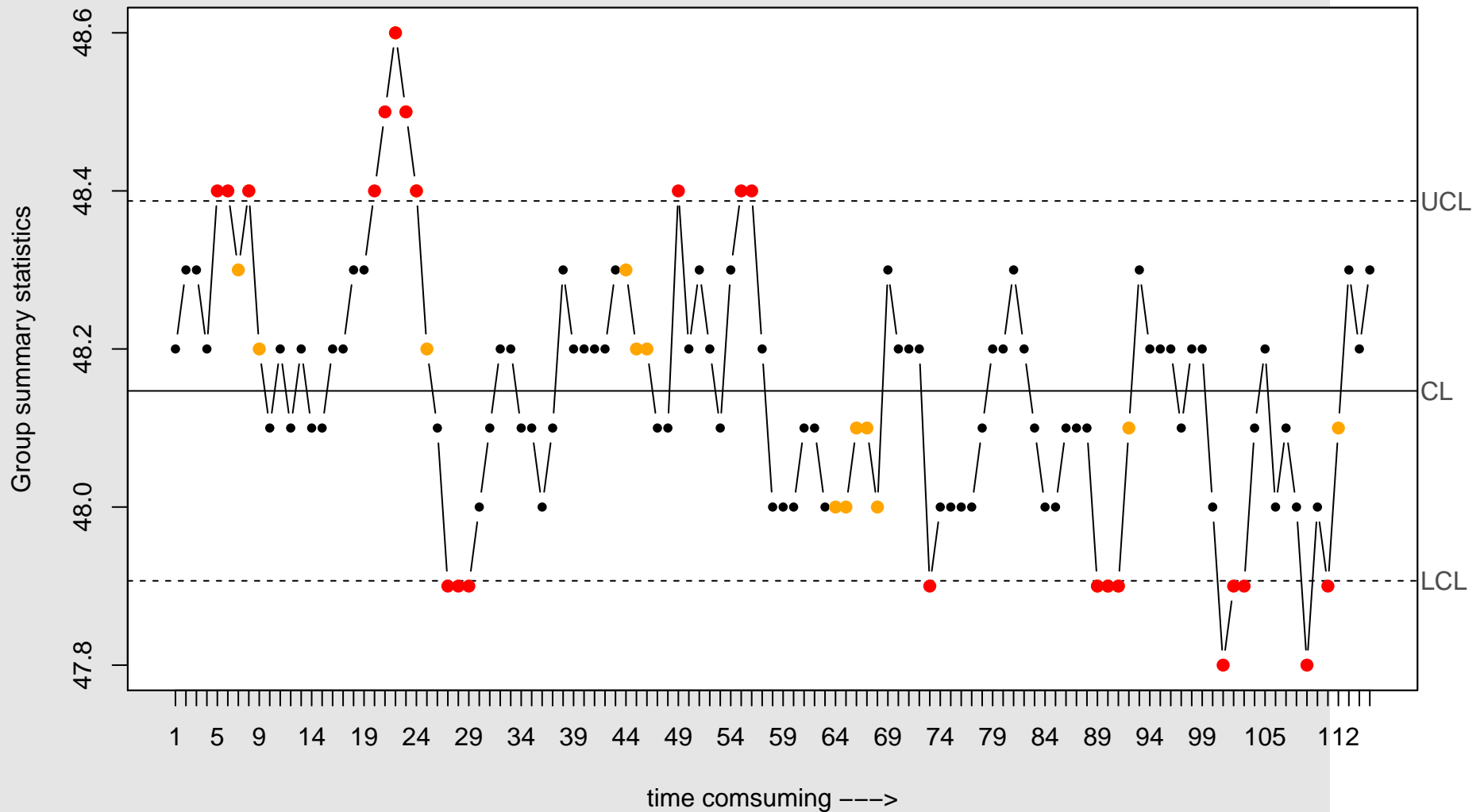
LCL = 47.86978

UCL = 48.3737

Number beyond limits = 10

Number violating runs = 16

240th column point of this product



Number of groups = 115

Center = 48.14696

StdDev = 0.0800983

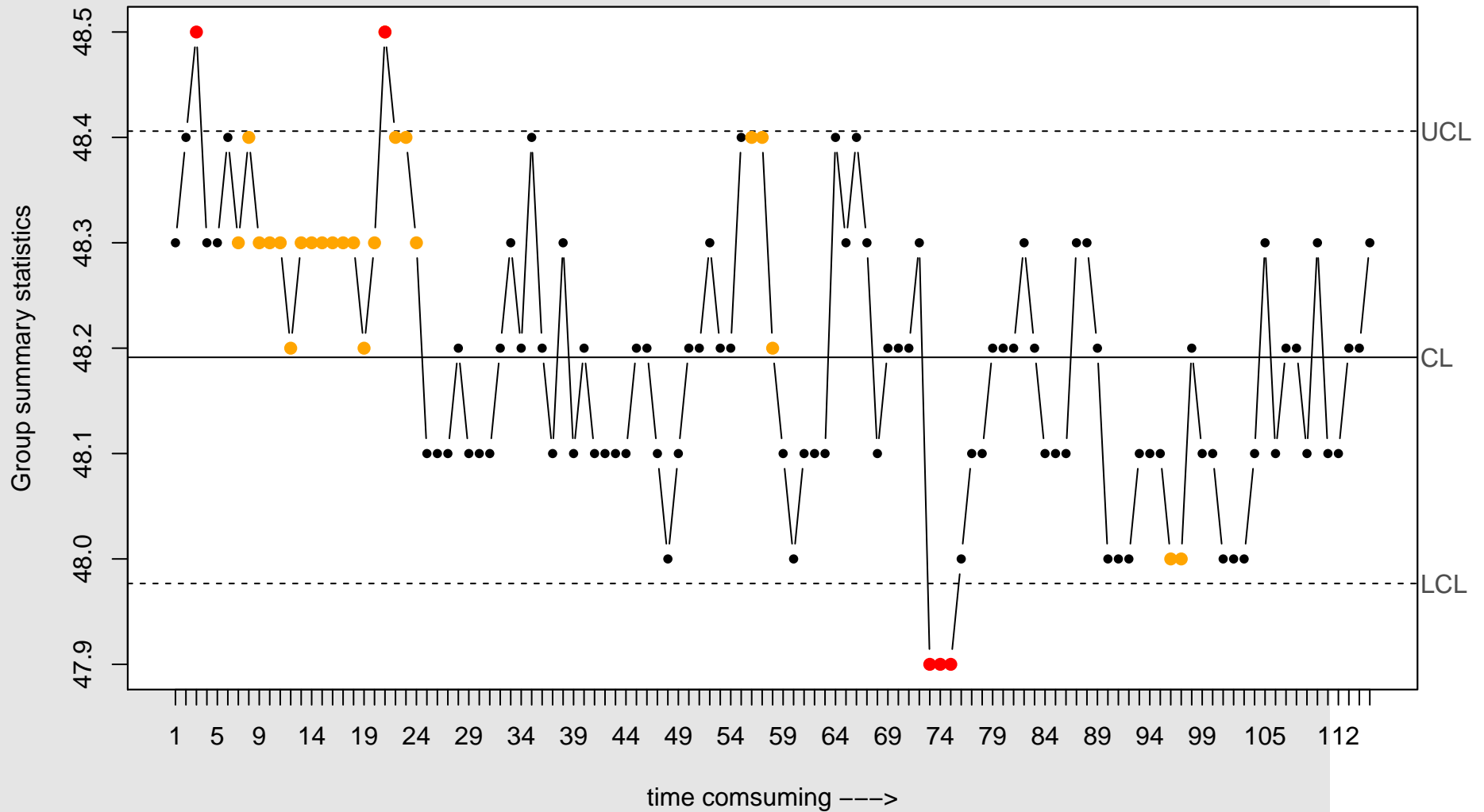
LCL = 47.90666

UCL = 48.38725

Number beyond limits = 23

Number violating runs = 20

241th column point of this product

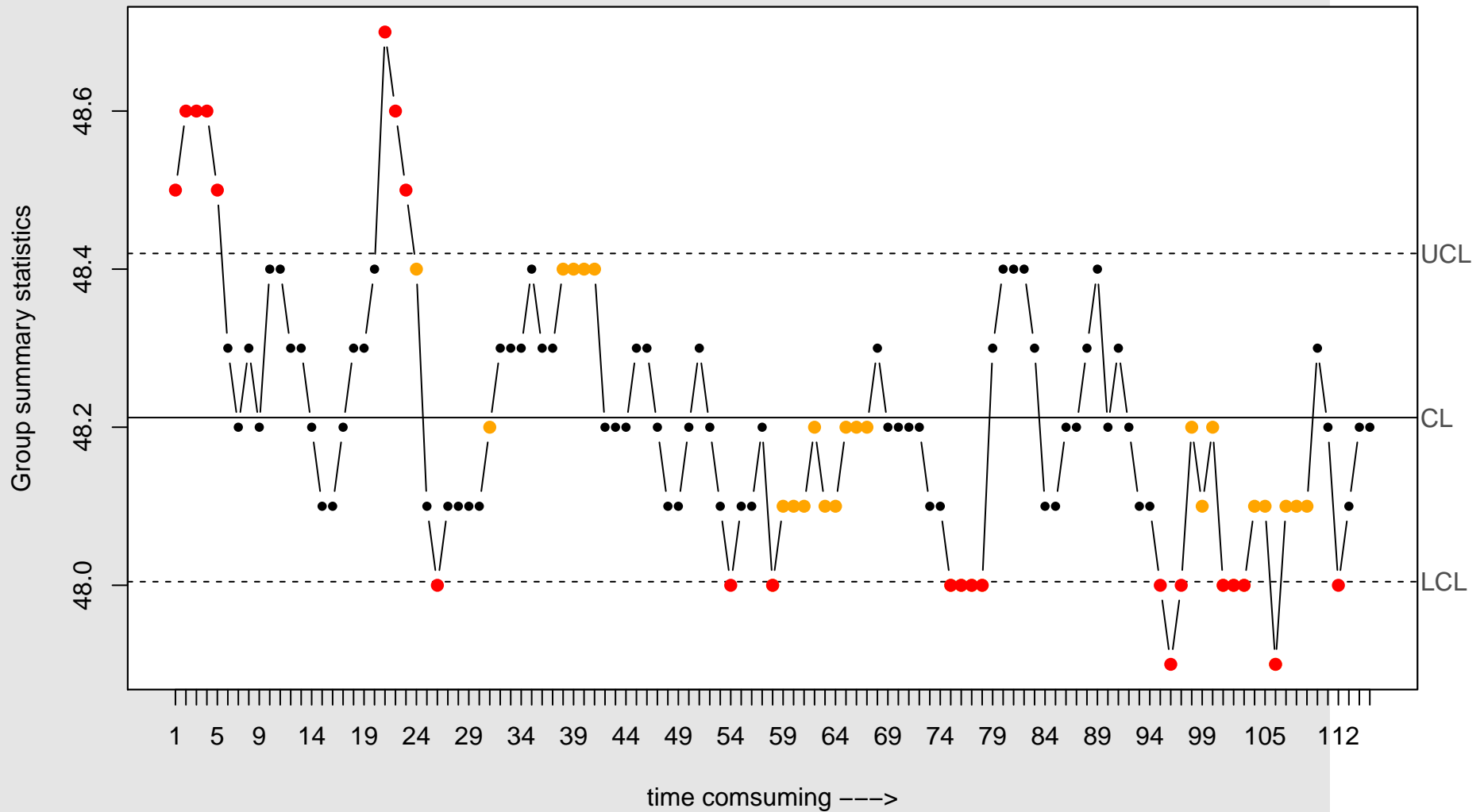


Number of groups = 115
 Center = 48.1913
 StdDev = 0.07154411

LCL = 47.97667
 UCL = 48.40594

Number beyond limits = 5
 Number violating runs = 23

242th column point of this product



Number of groups = 115

Center = 48.21217

StdDev = 0.06921115

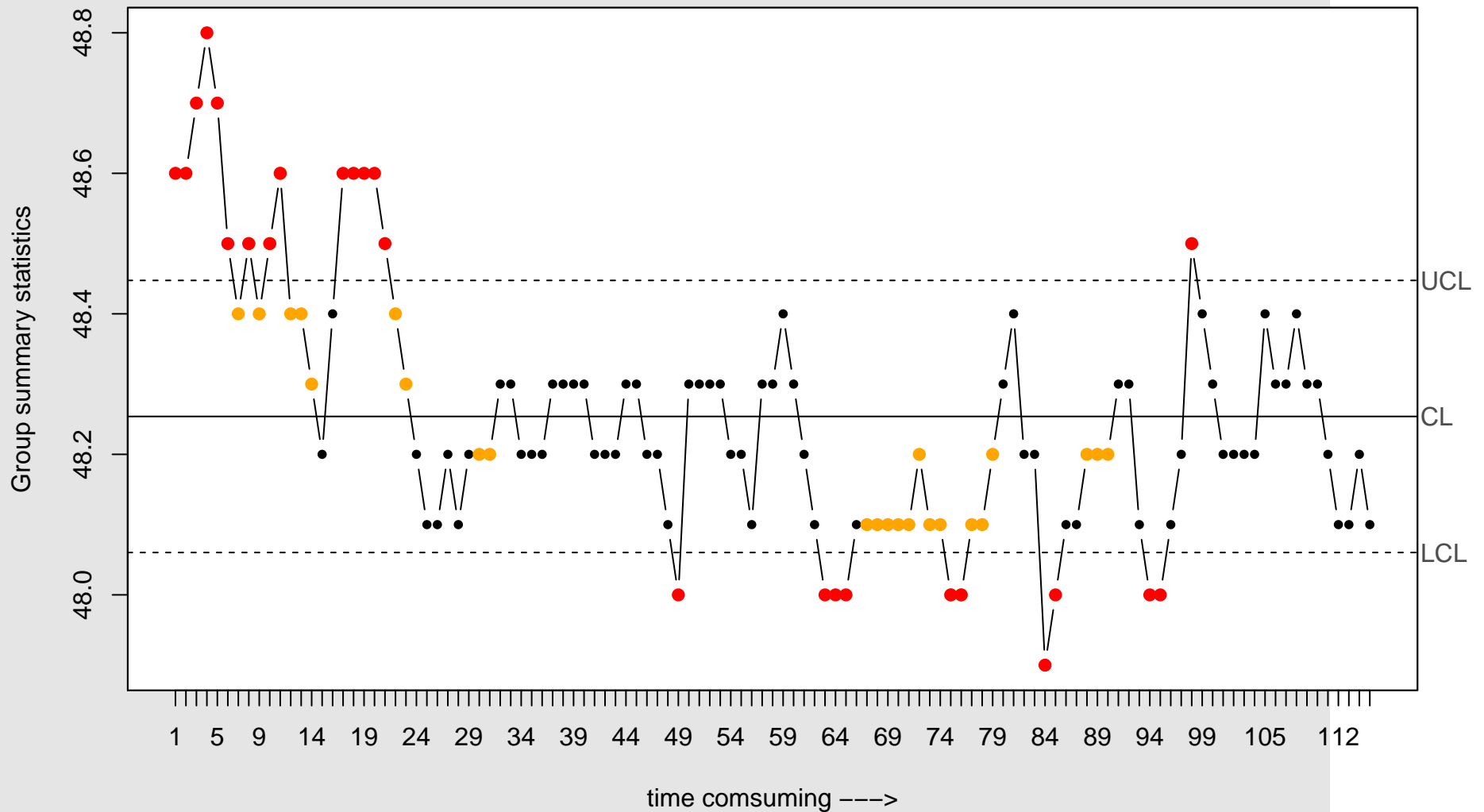
LCL = 48.00454

UCL = 48.41981

Number beyond limits = 23

Number violating runs = 32

243th column point of this product



Number of groups = 115

Center = 48.25391

StdDev = 0.06454523

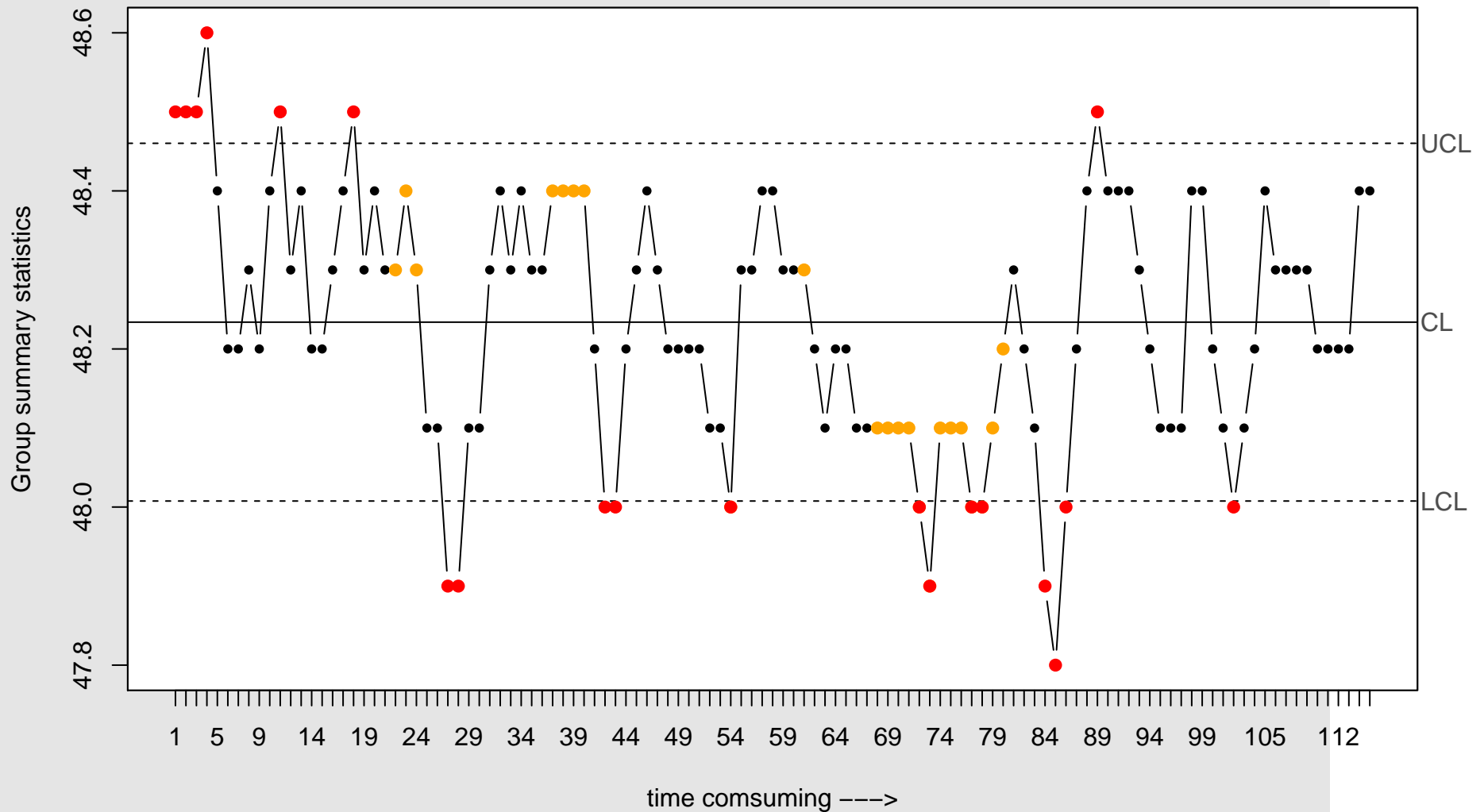
LCL = 48.06028

UCL = 48.44755

Number beyond limits = 25

Number violating runs = 28

244th column point of this product

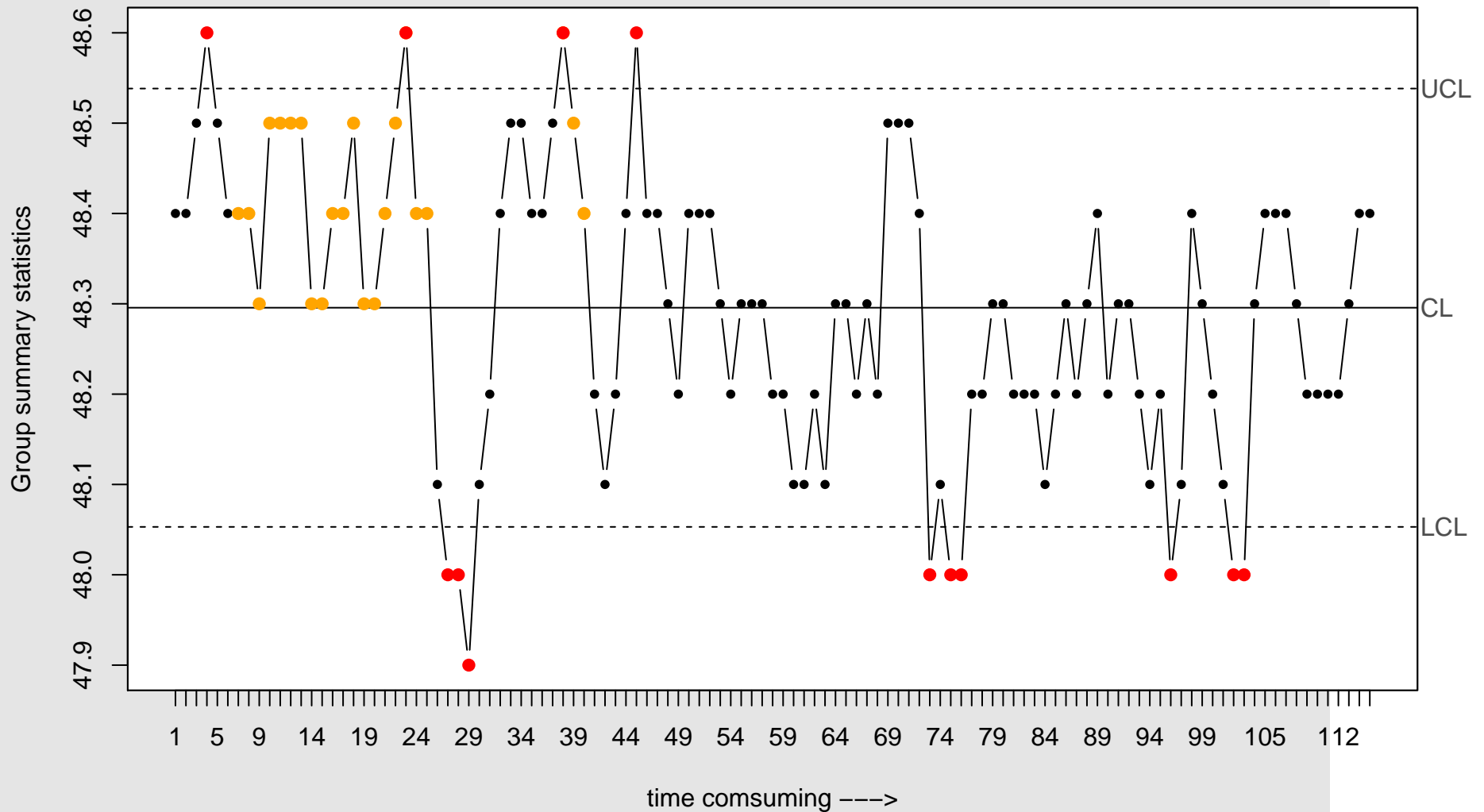


Number of groups = 115
 Center = 48.23391
 StdDev = 0.07543238

LCL = 48.00762
 UCL = 48.46021

Number beyond limits = 20
 Number violating runs = 22

245th column point of this product



Number of groups = 115

Center = 48.29565

StdDev = 0.08087595

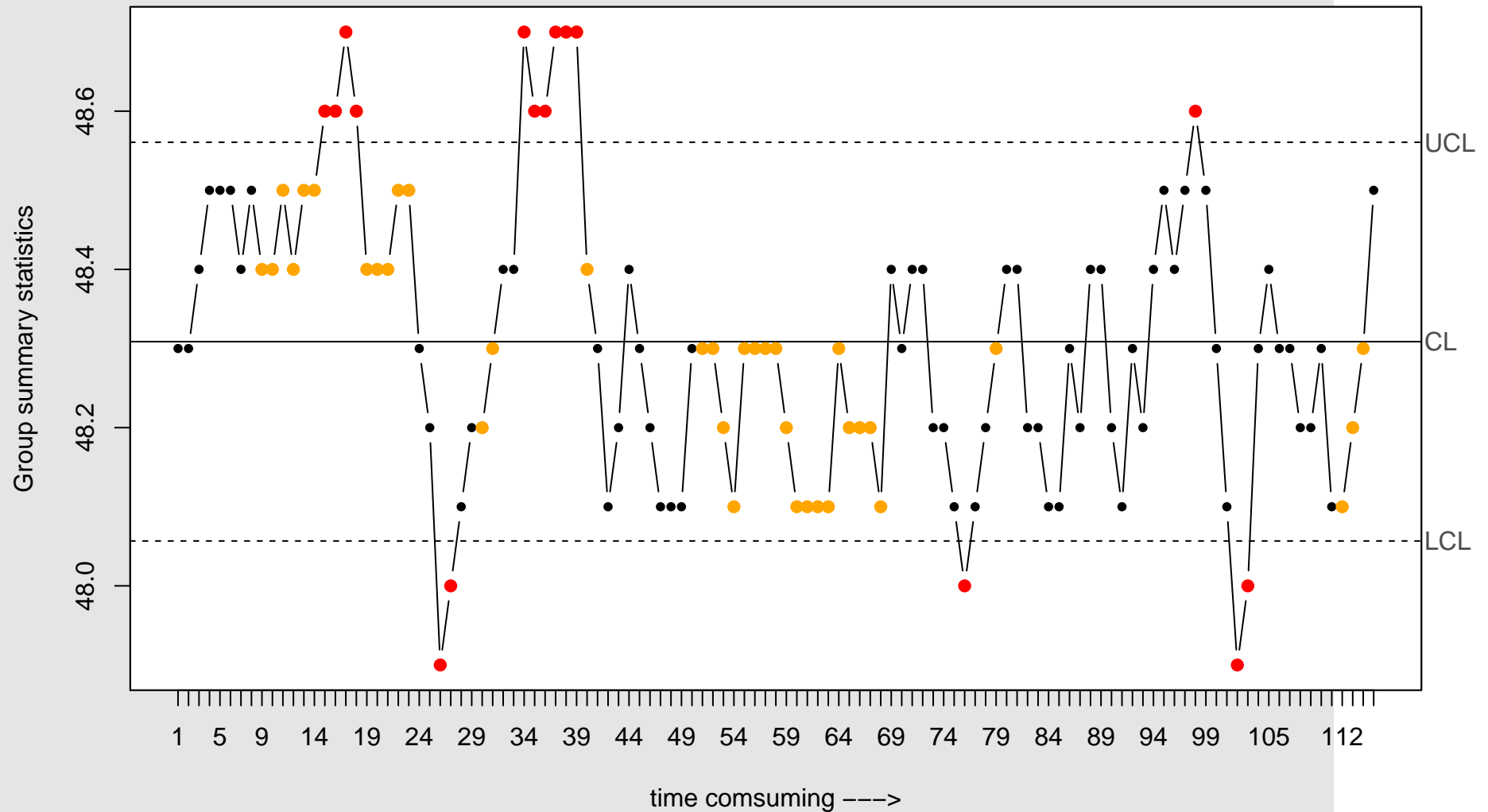
LCL = 48.05302

UCL = 48.53828

Number beyond limits = 13

Number violating runs = 22

246th column point of this product

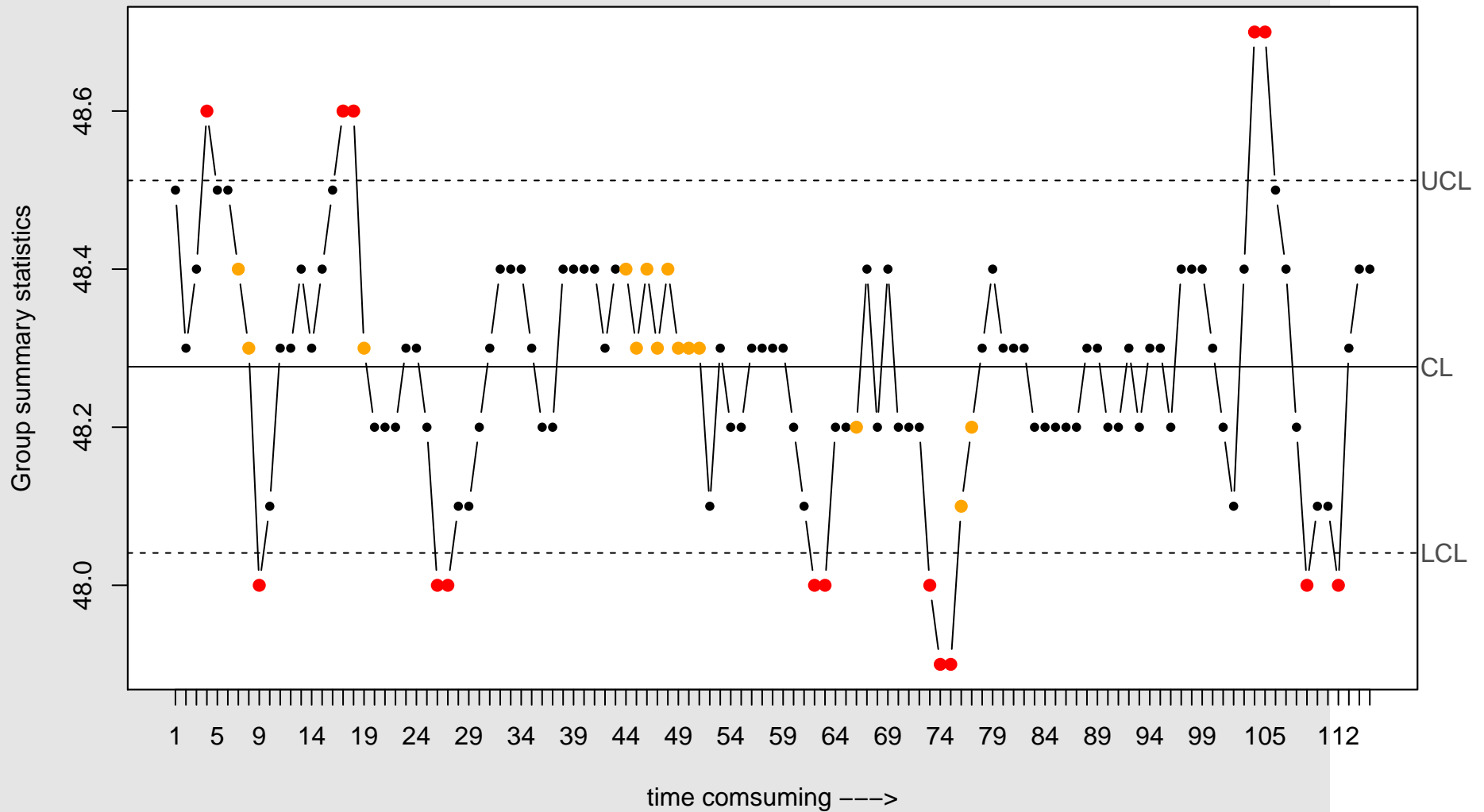


Number of groups = 115
 Center = 48.3087
 StdDev = 0.08398656

LCL = 48.05674
 UCL = 48.56066

Number beyond limits = 16
 Number violating runs = 42

247th column point of this product



Number of groups = 115

Center = 48.27652

StdDev = 0.07854299

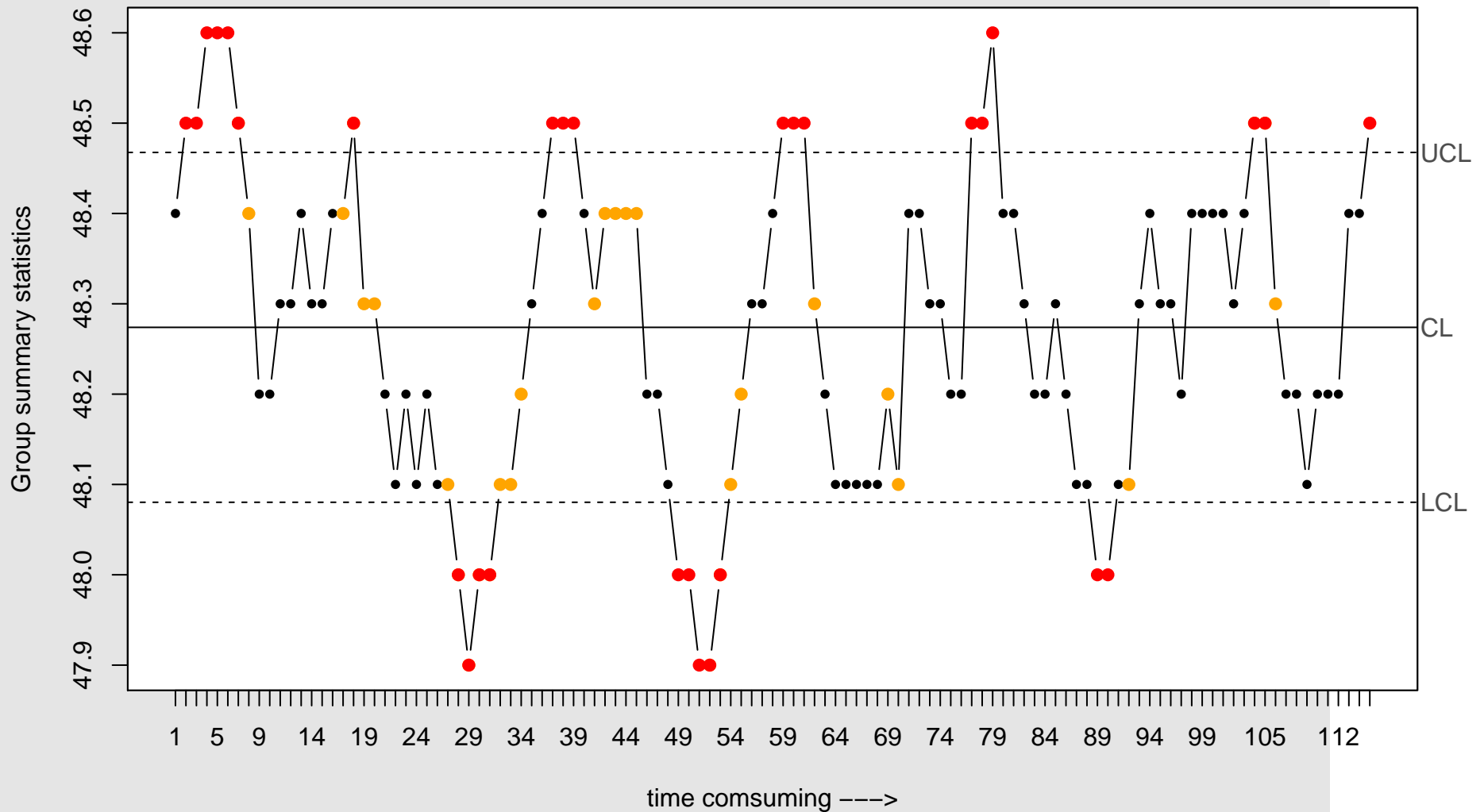
LCL = 48.04089

UCL = 48.51215

Number beyond limits = 15

Number violating runs = 16

248th column point of this product



Number of groups = 115

Center = 48.27391

StdDev = 0.06454523

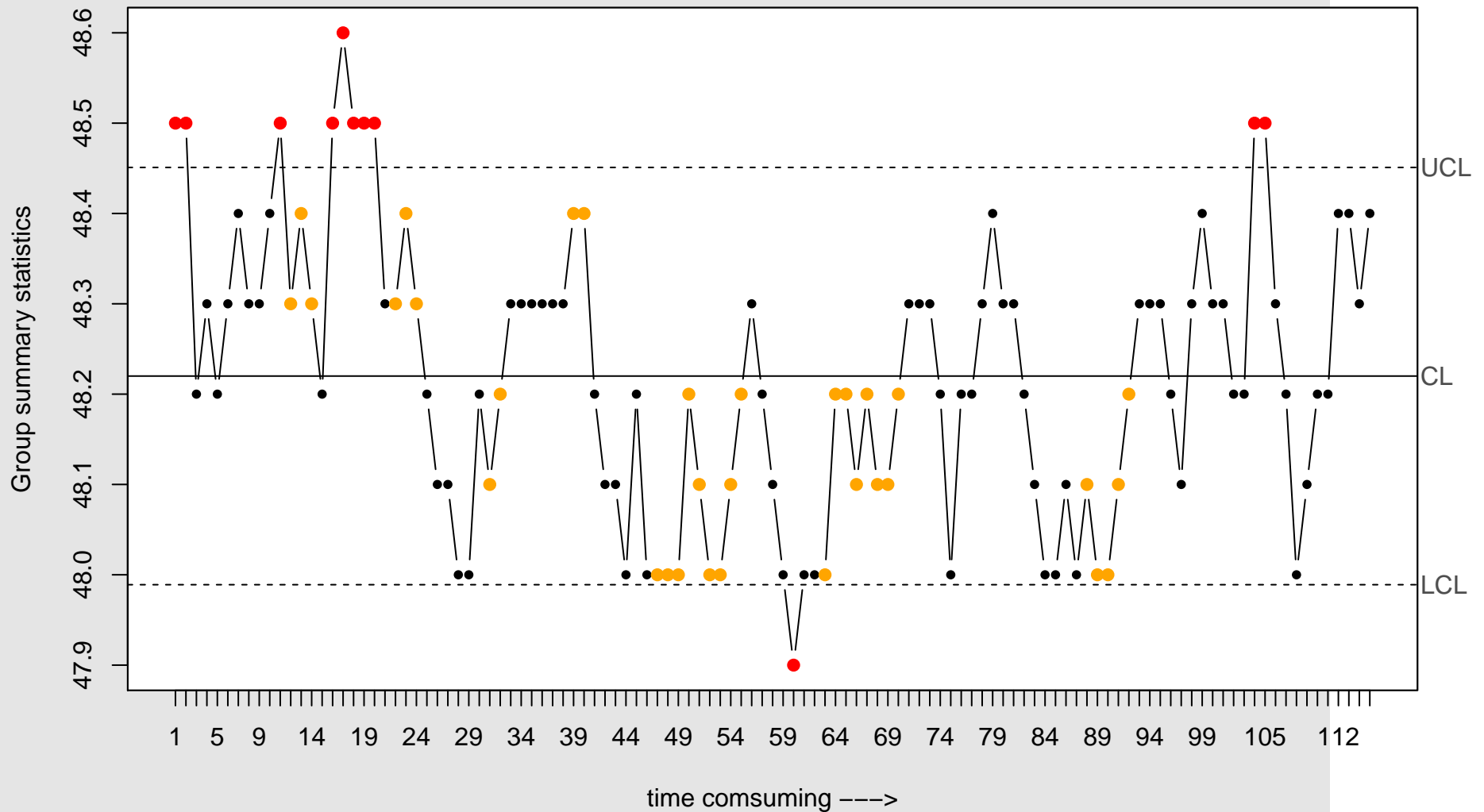
LCL = 48.08028

UCL = 48.46755

Number beyond limits = 30

Number violating runs = 30

249th column point of this product



Number of groups = 115

Center = 48.22

StdDev = 0.07698768

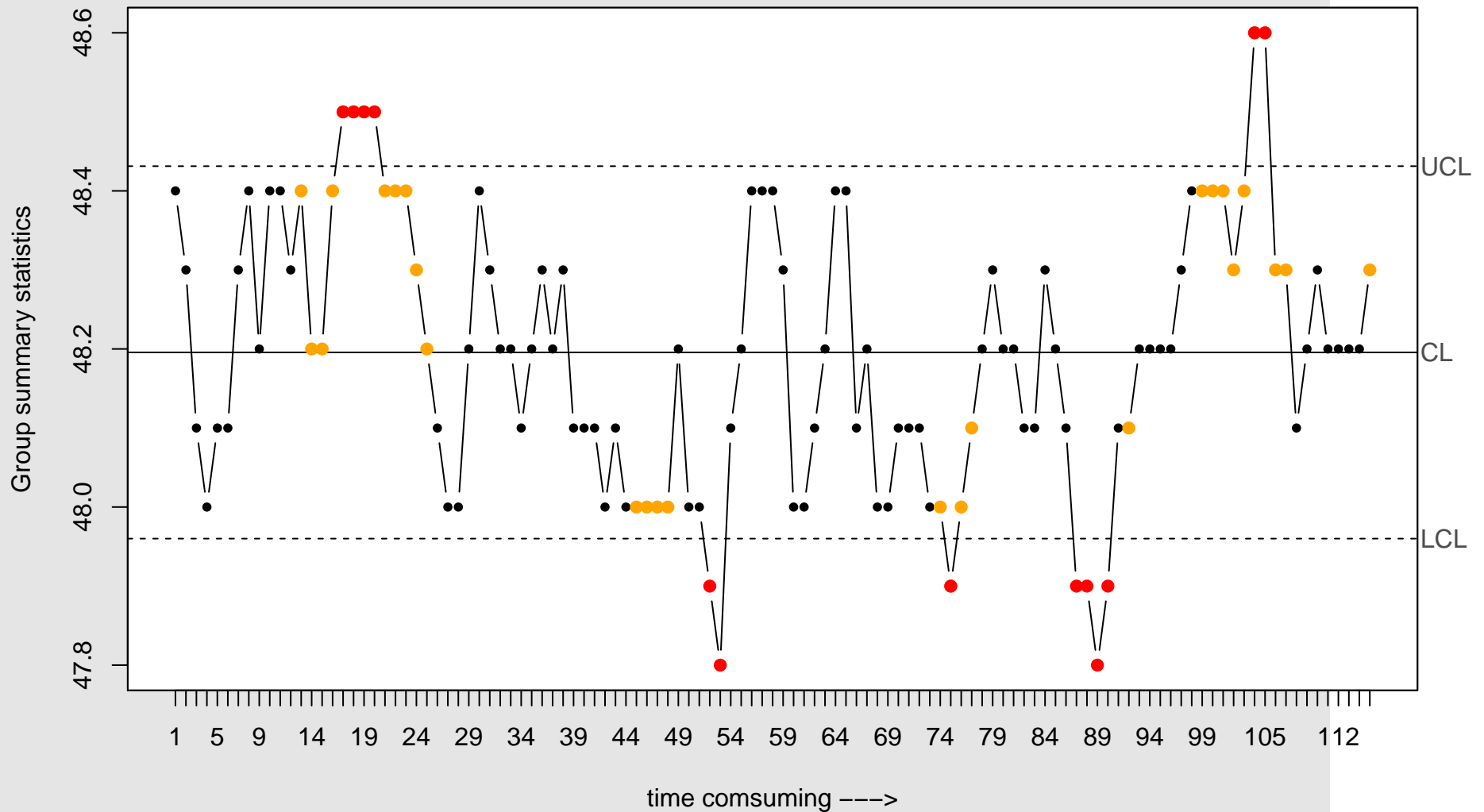
LCL = 47.98904

UCL = 48.45096

Number beyond limits = 11

Number violating runs = 32

250th column point of this product

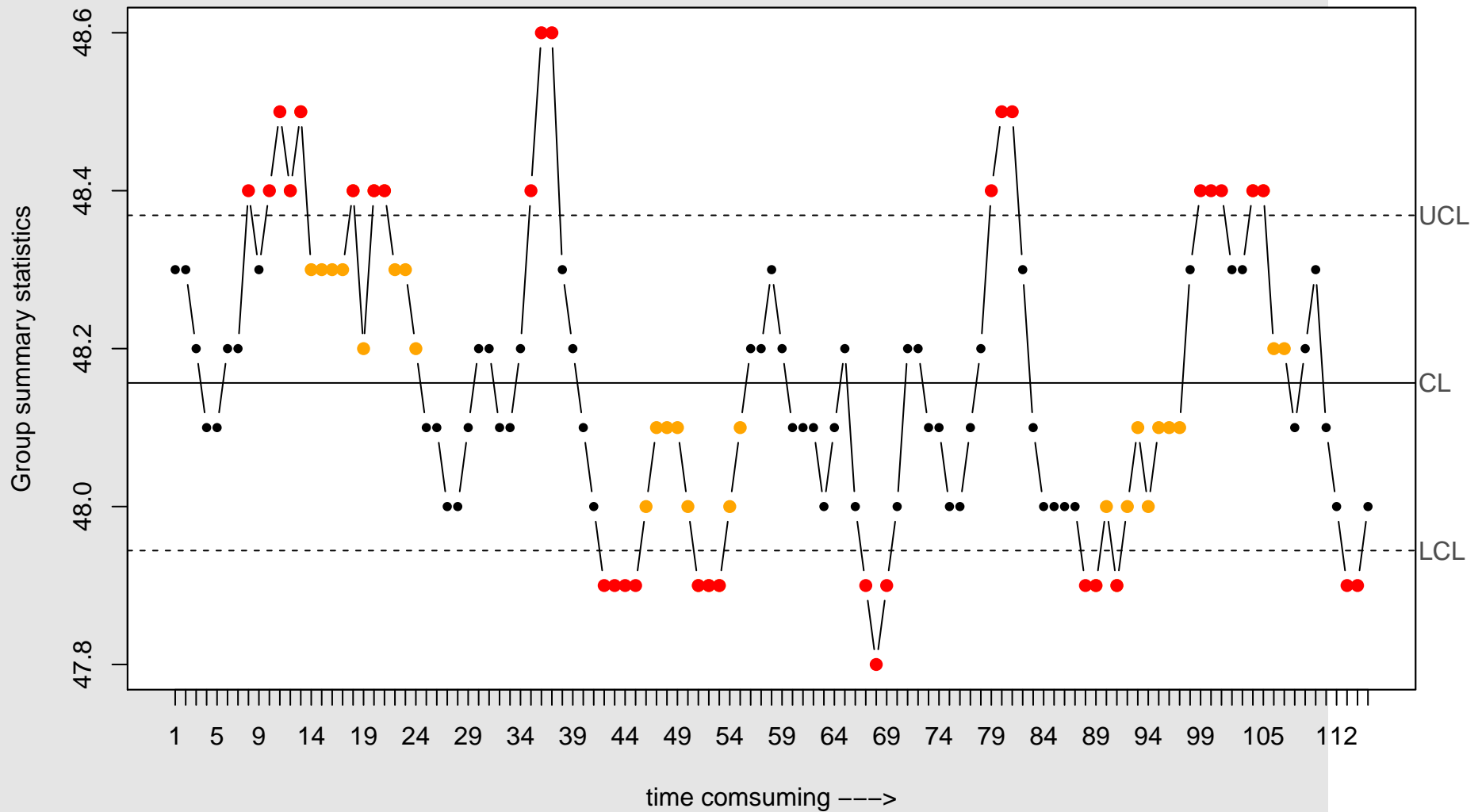


Number of groups = 115
 Center = 48.19565
 StdDev = 0.07854299

LCL = 47.96002
 UCL = 48.43128

Number beyond limits = 13
 Number violating runs = 32

251th column point of this product

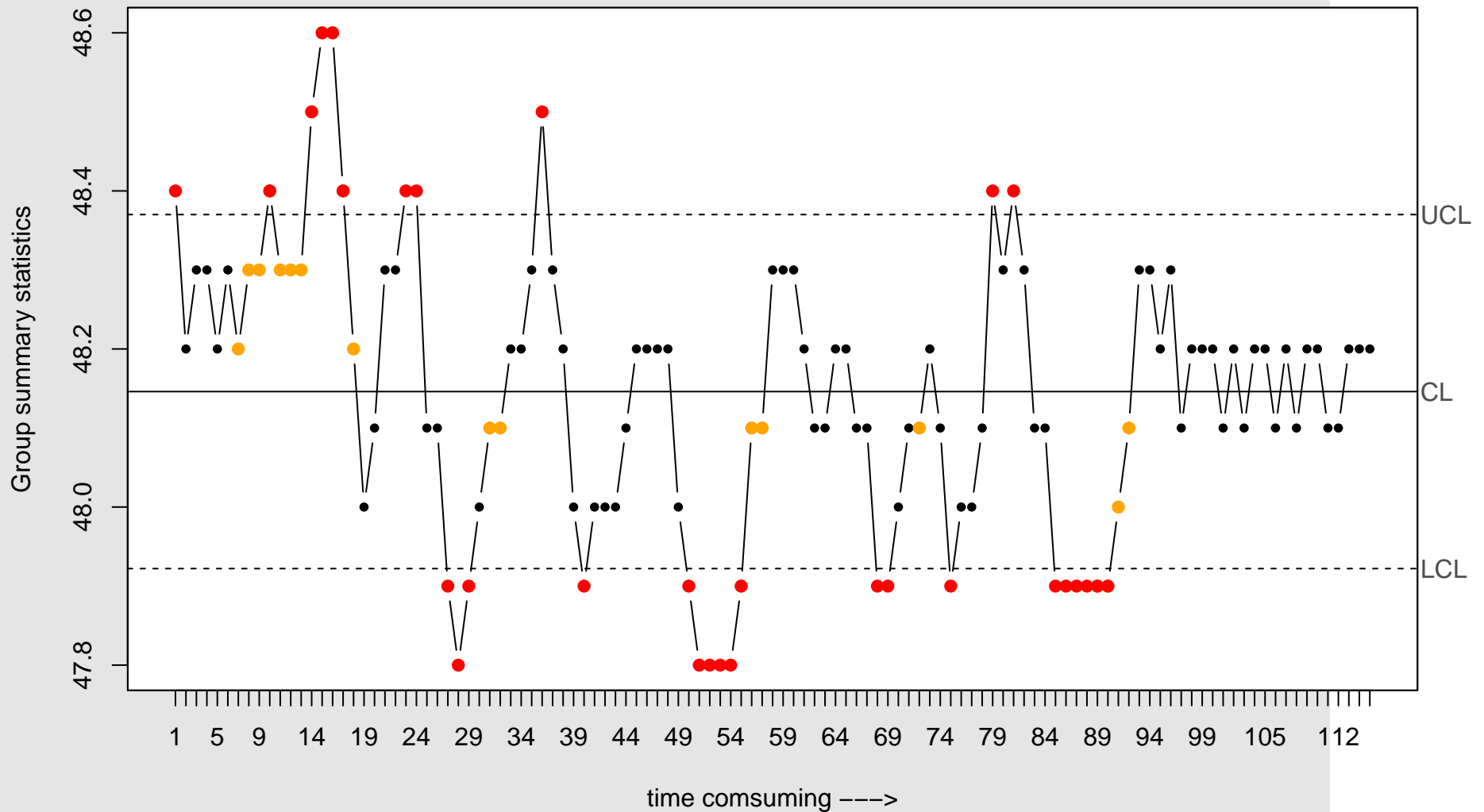


Number of groups = 115
 Center = 48.15652
 StdDev = 0.07076646

LCL = 47.94422
 UCL = 48.36882

Number beyond limits = 34
 Number violating runs = 36

252th column point of this product



Number of groups = 115

Center = 48.14609

StdDev = 0.07465472

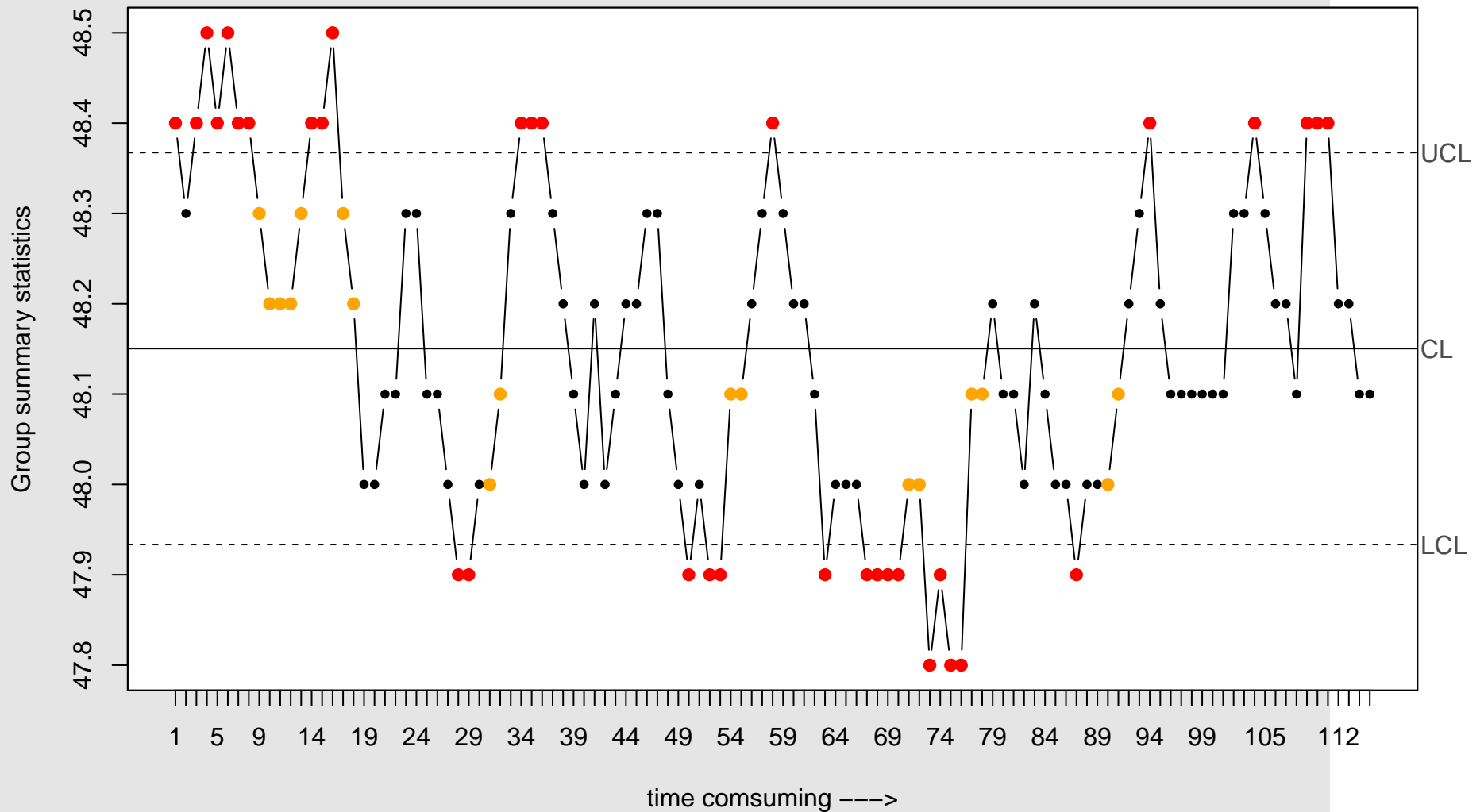
LCL = 47.92212

UCL = 48.37005

Number beyond limits = 30

Number violating runs = 22

253th column point of this product



Number of groups = 115

Center = 48.15043

StdDev = 0.07232176

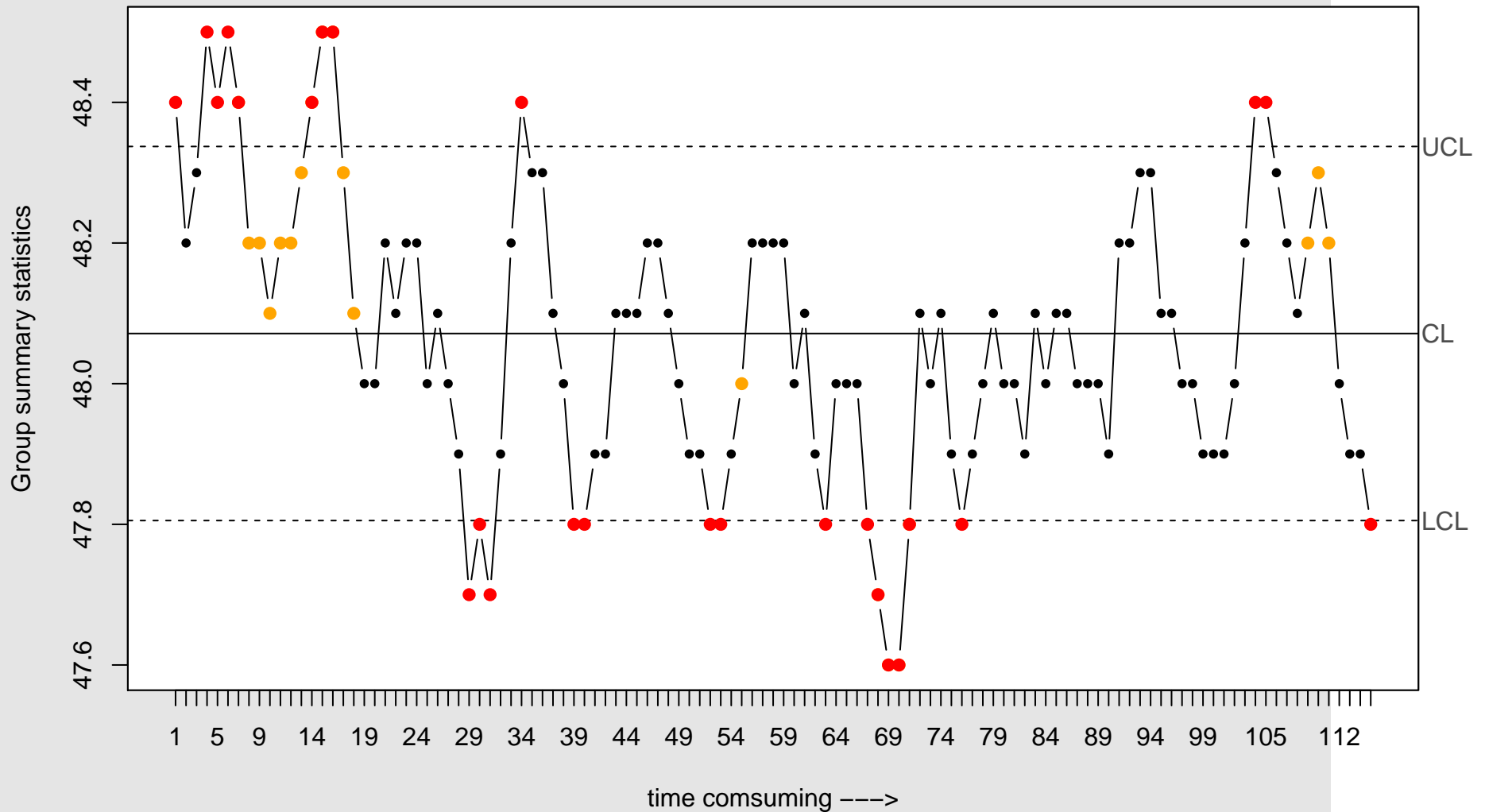
LCL = 47.93347

UCL = 48.3674

Number beyond limits = 34

Number violating runs = 29

254th column point of this product

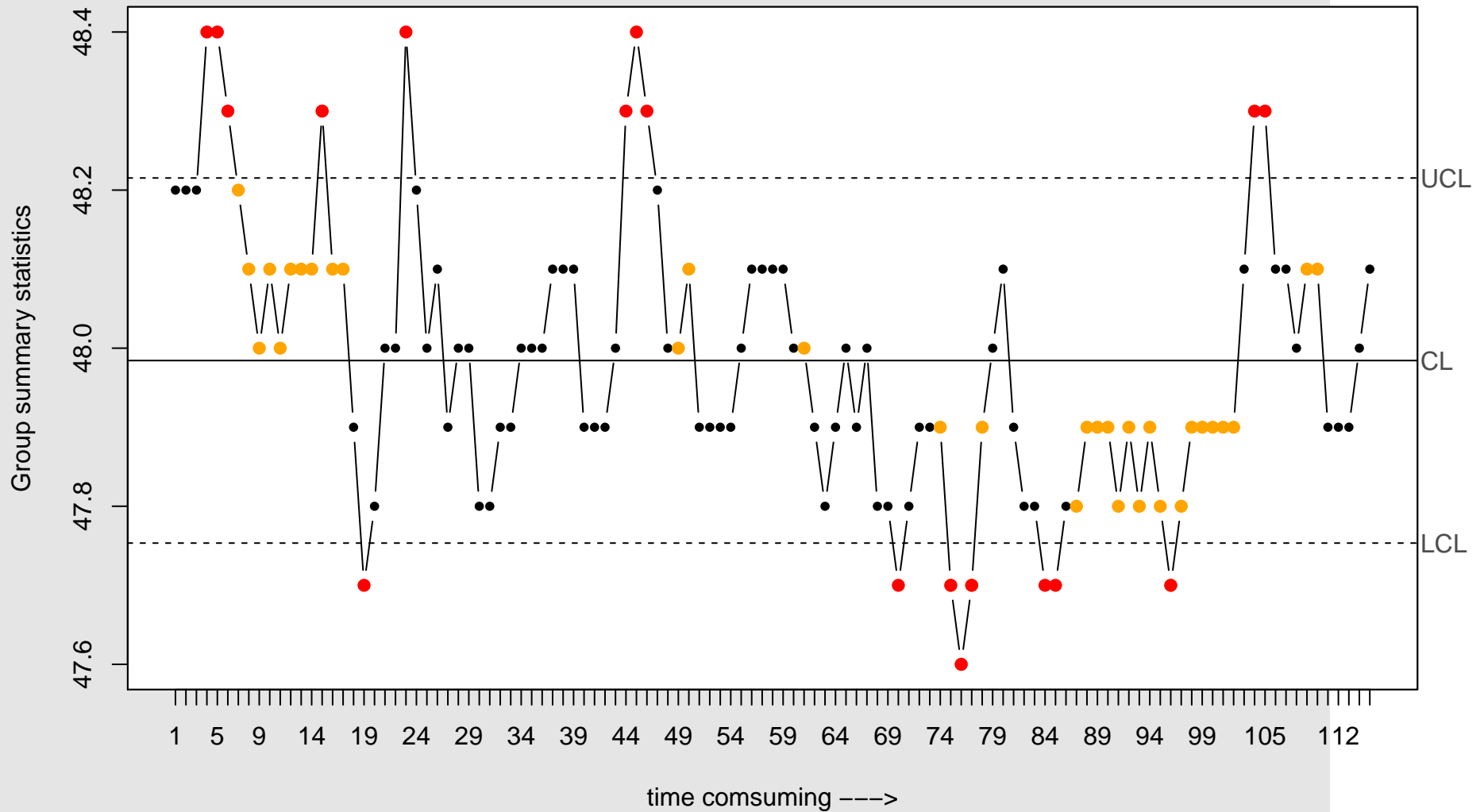


Number of groups = 115
 Center = 48.0713
 StdDev = 0.08865248

LCL = 47.80535
 UCL = 48.33726

Number beyond limits = 26
 Number violating runs = 20

255th column point of this product



Number of groups = 115

Center = 47.98435

StdDev = 0.07698768

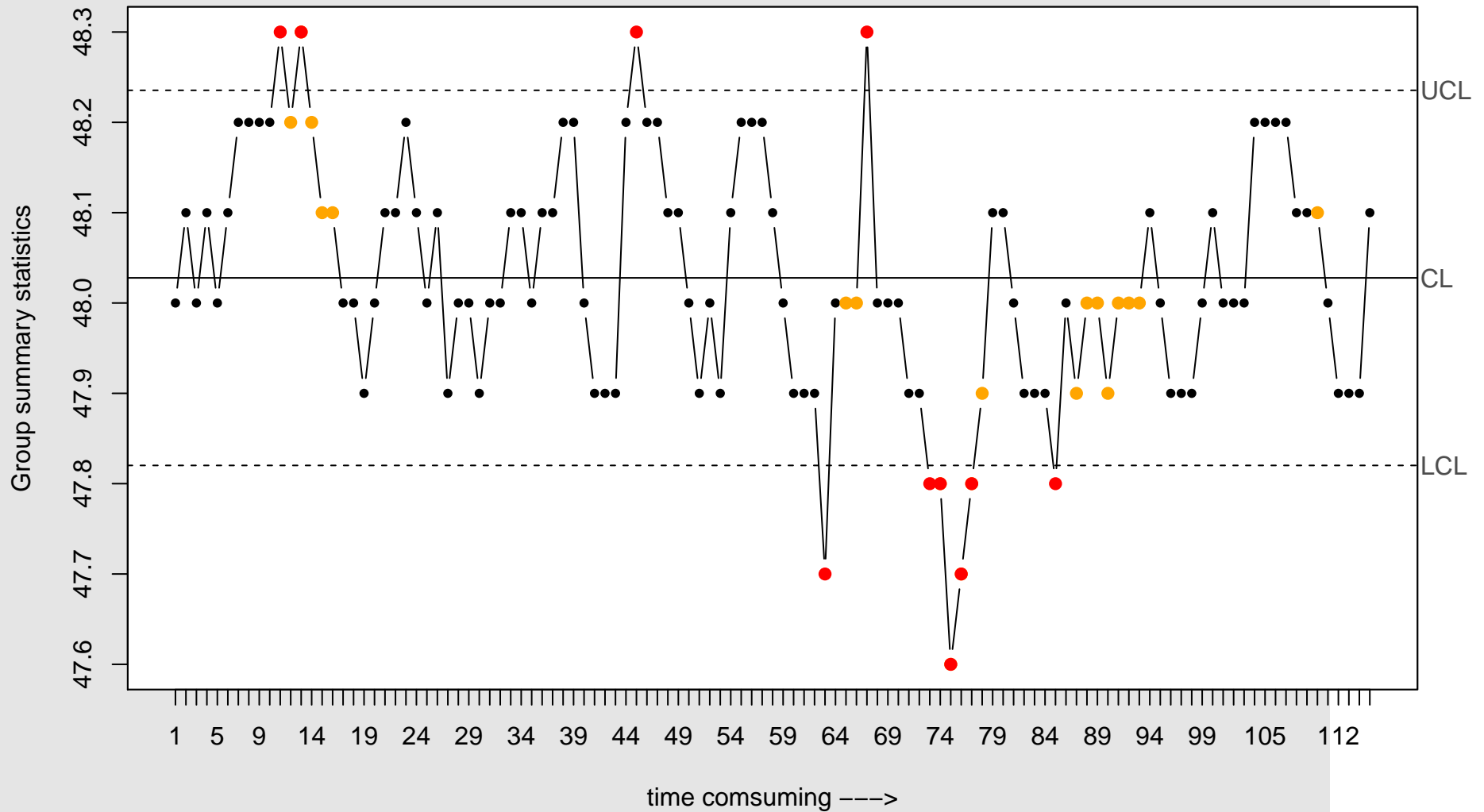
LCL = 47.75338

UCL = 48.21531

Number beyond limits = 18

Number violating runs = 37

256th column point of this product

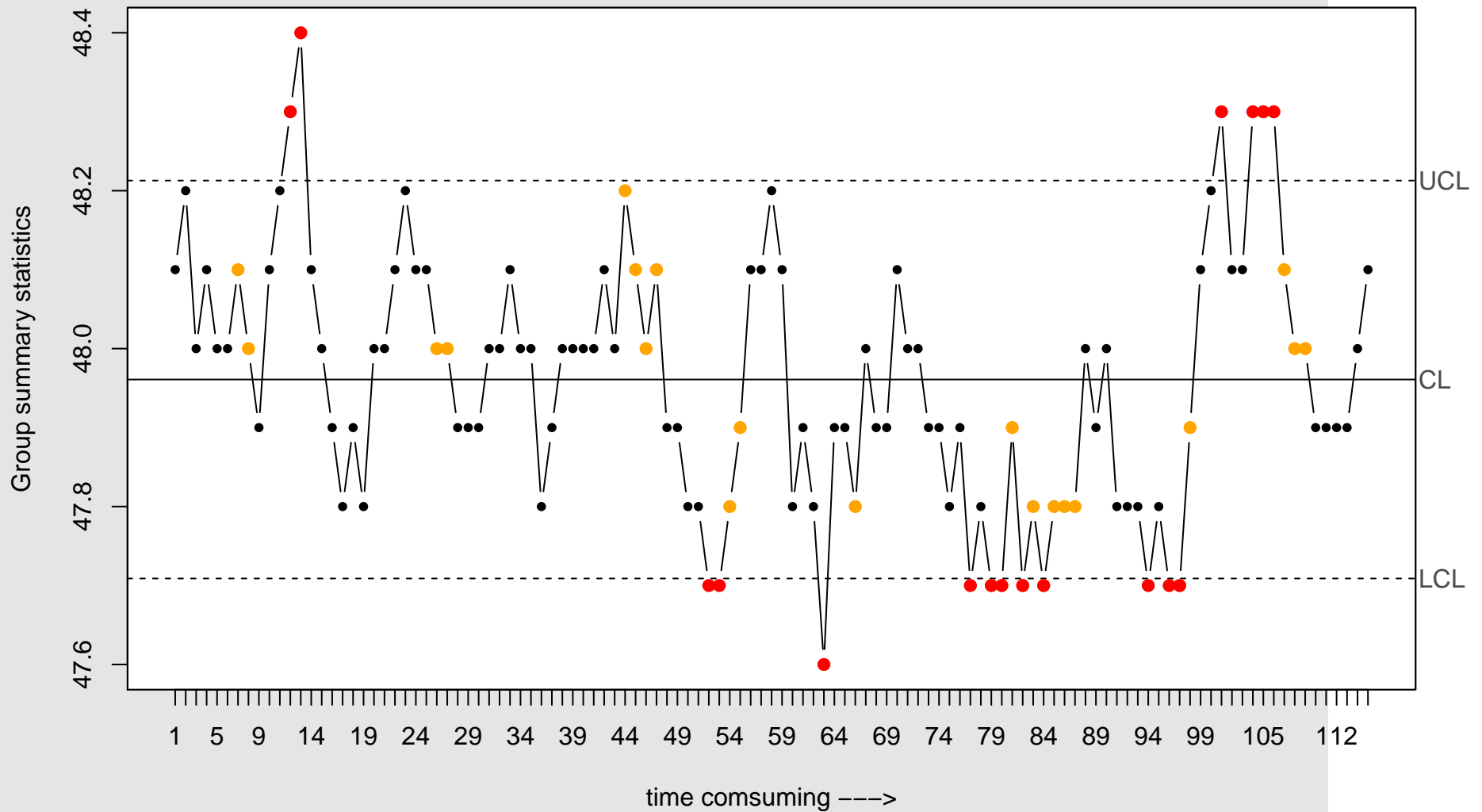


Number of groups = 115
 Center = 48.02783
 StdDev = 0.06921115

LCL = 47.82019
 UCL = 48.23546

Number beyond limits = 11
 Number violating runs = 20

257th column point of this product

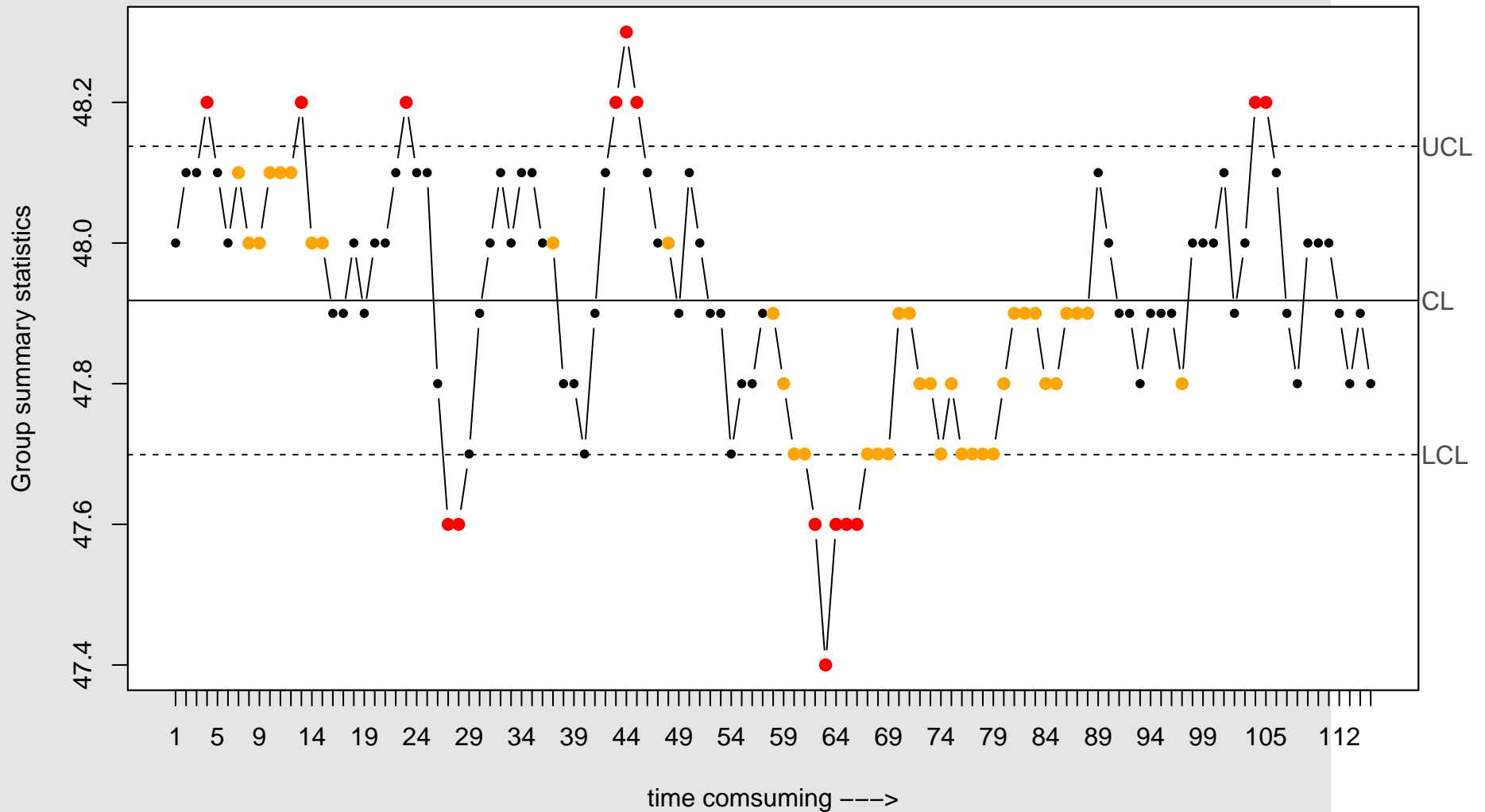


Number of groups = 115
 Center = 47.96087
 StdDev = 0.08398656

LCL = 47.70891
 UCL = 48.21283

Number beyond limits = 17
 Number violating runs = 27

258th column point of this product

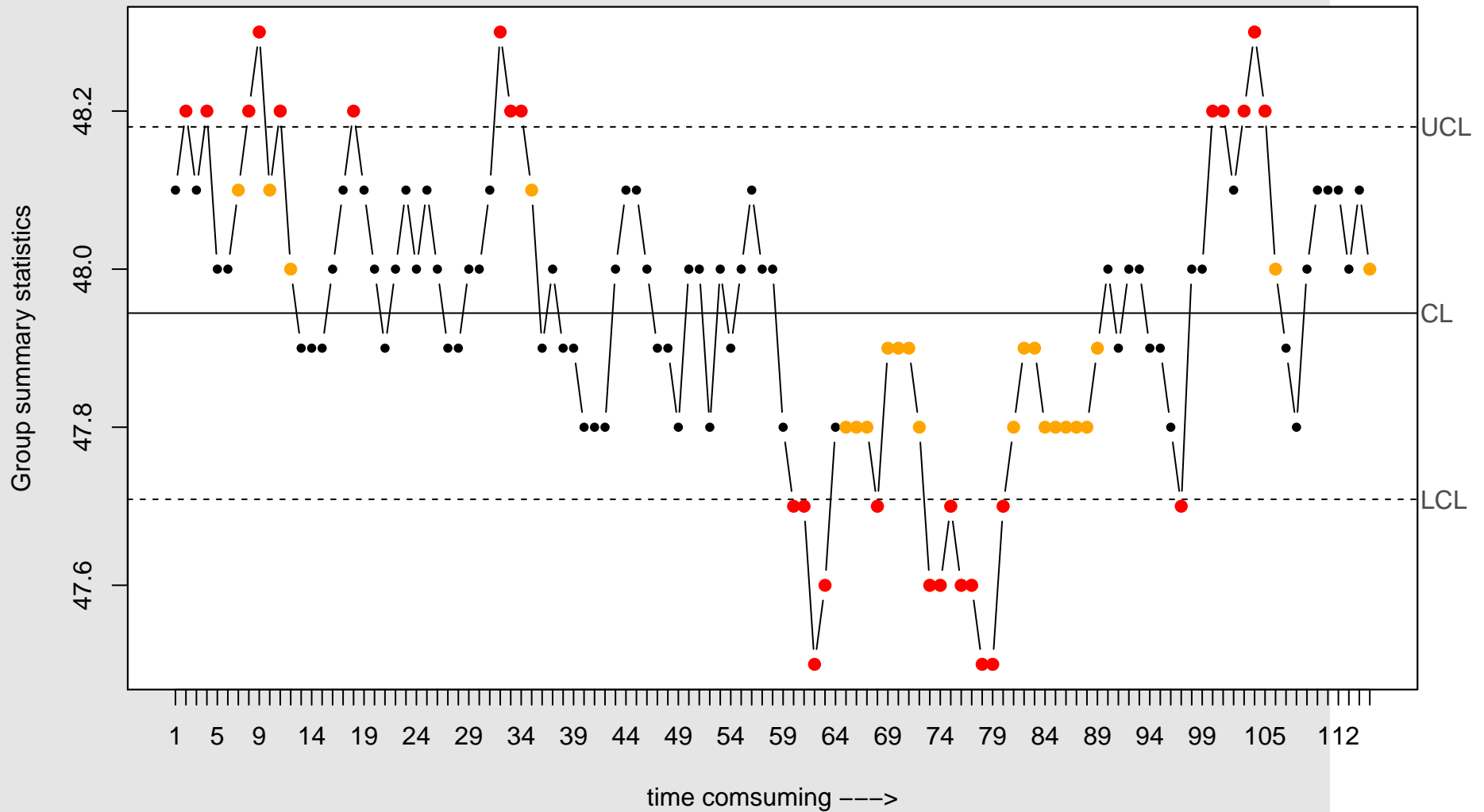


Number of groups = 115
 Center = 47.91826
 StdDev = 0.07309942

LCL = 47.69896
 UCL = 48.13756

Number beyond limits = 15
 Number violating runs = 43

259th column point of this product



Number of groups = 115

Center = 47.94435

StdDev = 0.07854299

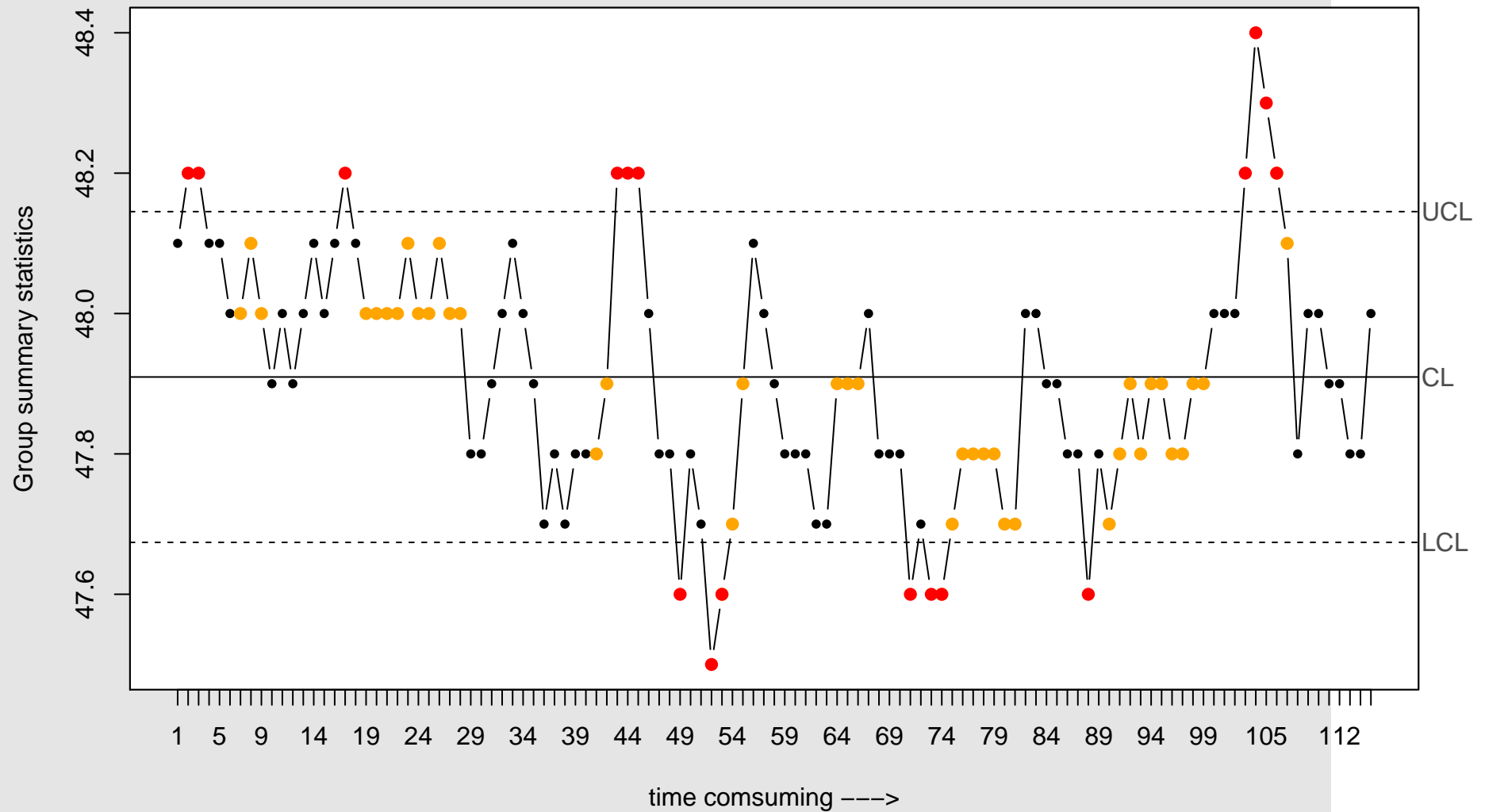
LCL = 47.70872

UCL = 48.17998

Number beyond limits = 28

Number violating runs = 36

260th column point of this product



Number of groups = 115

Center = 47.90957

StdDev = 0.07854299

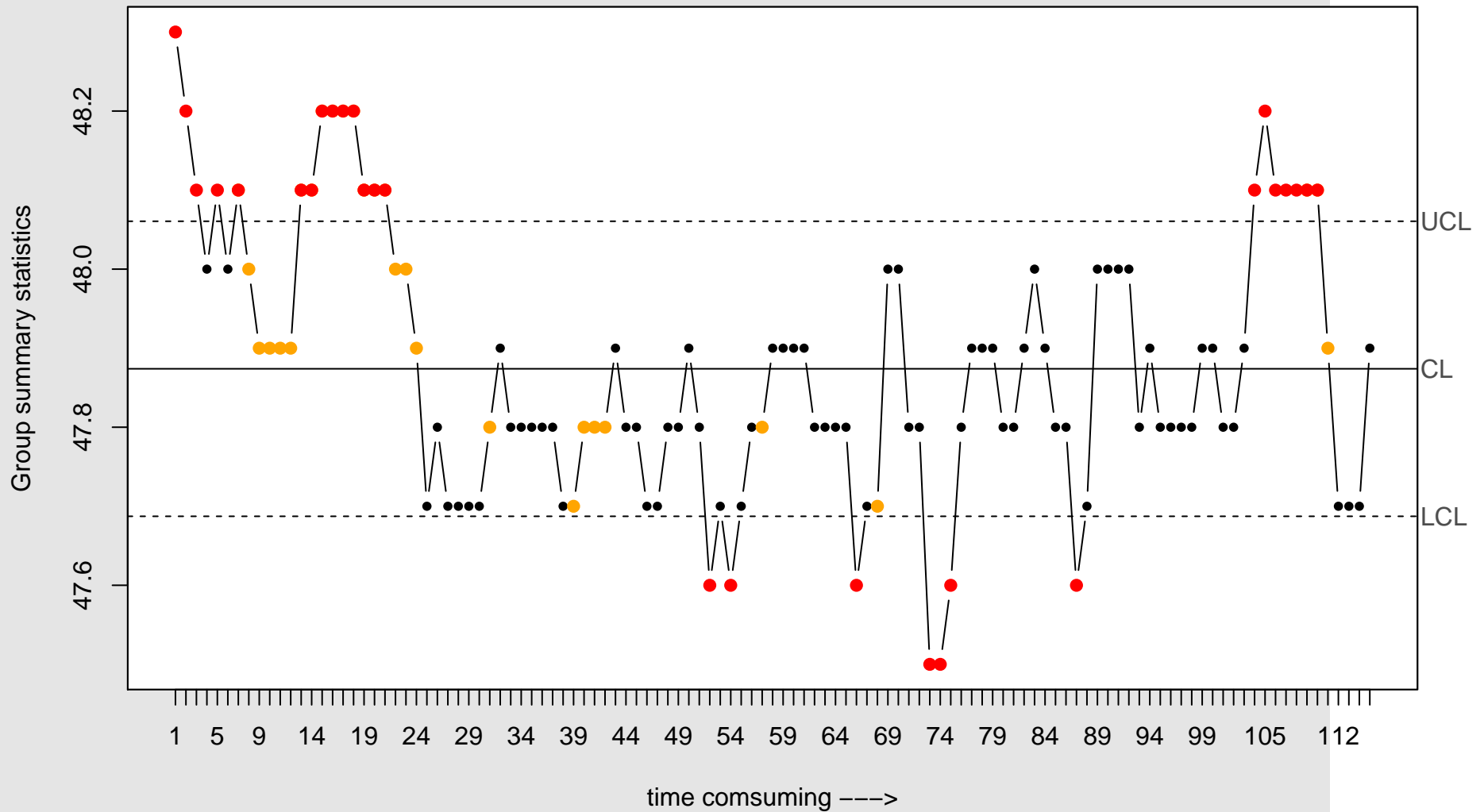
LCL = 47.67394

UCL = 48.14519

Number beyond limits = 17

Number violating runs = 41

261th column point of this product

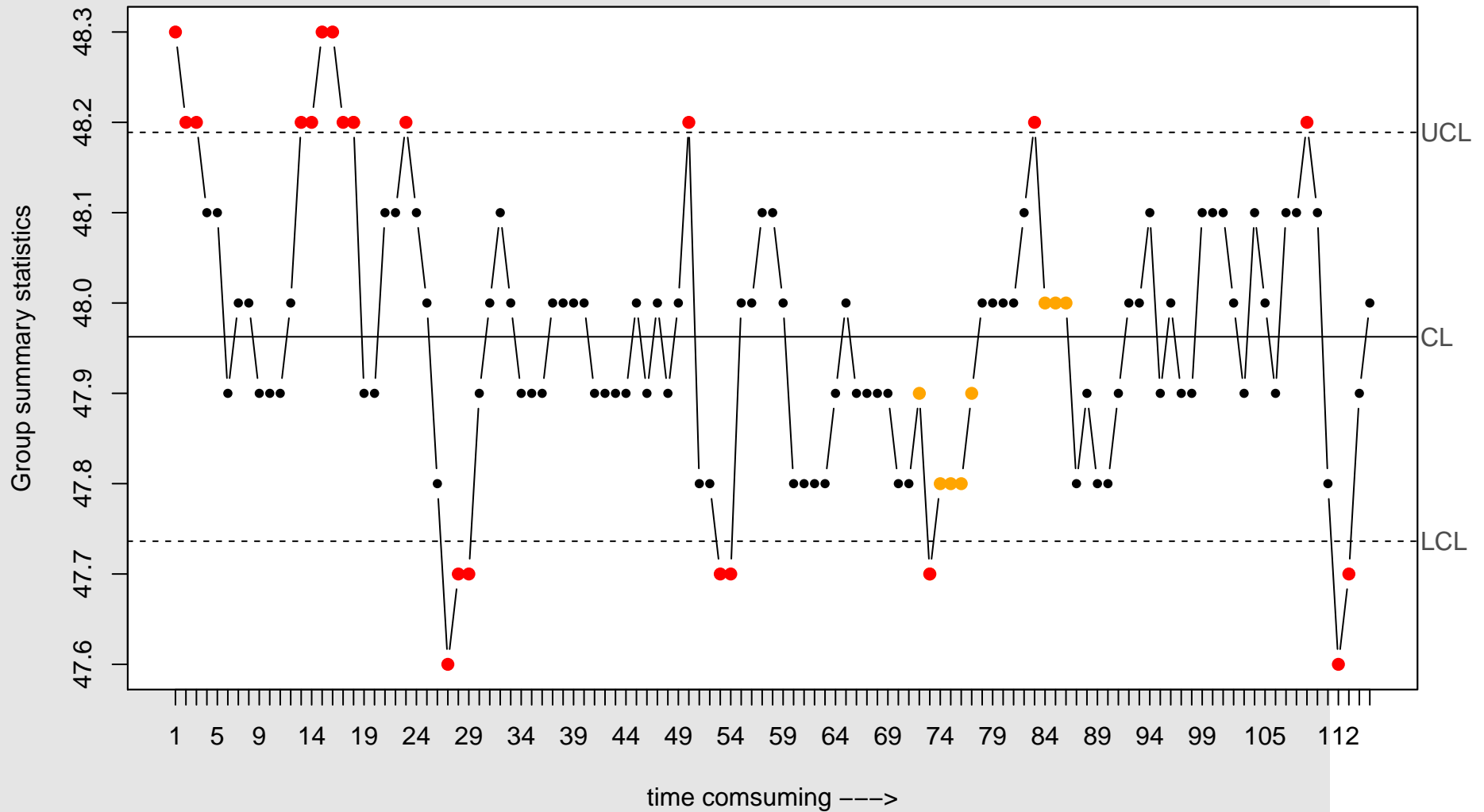


Number of groups = 115
 Center = 47.87391
 StdDev = 0.06221227

LCL = 47.68728
 UCL = 48.06055

Number beyond limits = 28
 Number violating runs = 28

262th column point of this product

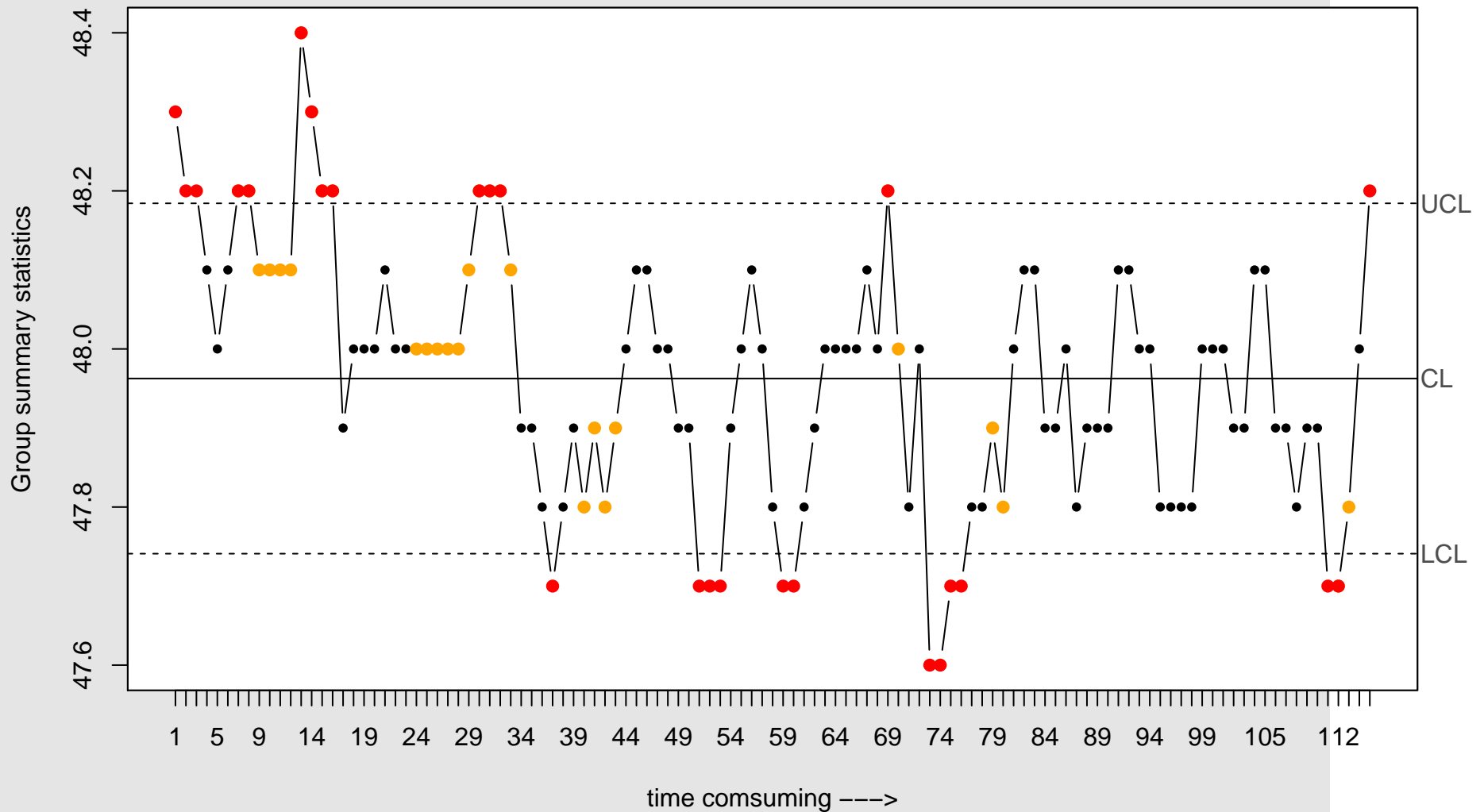


Number of groups = 115
 Center = 47.96261
 StdDev = 0.07543238

LCL = 47.73631
 UCL = 48.18891

Number beyond limits = 21
 Number violating runs = 10

263th column point of this product



Number of groups = 115

Center = 47.96261

StdDev = 0.07387707

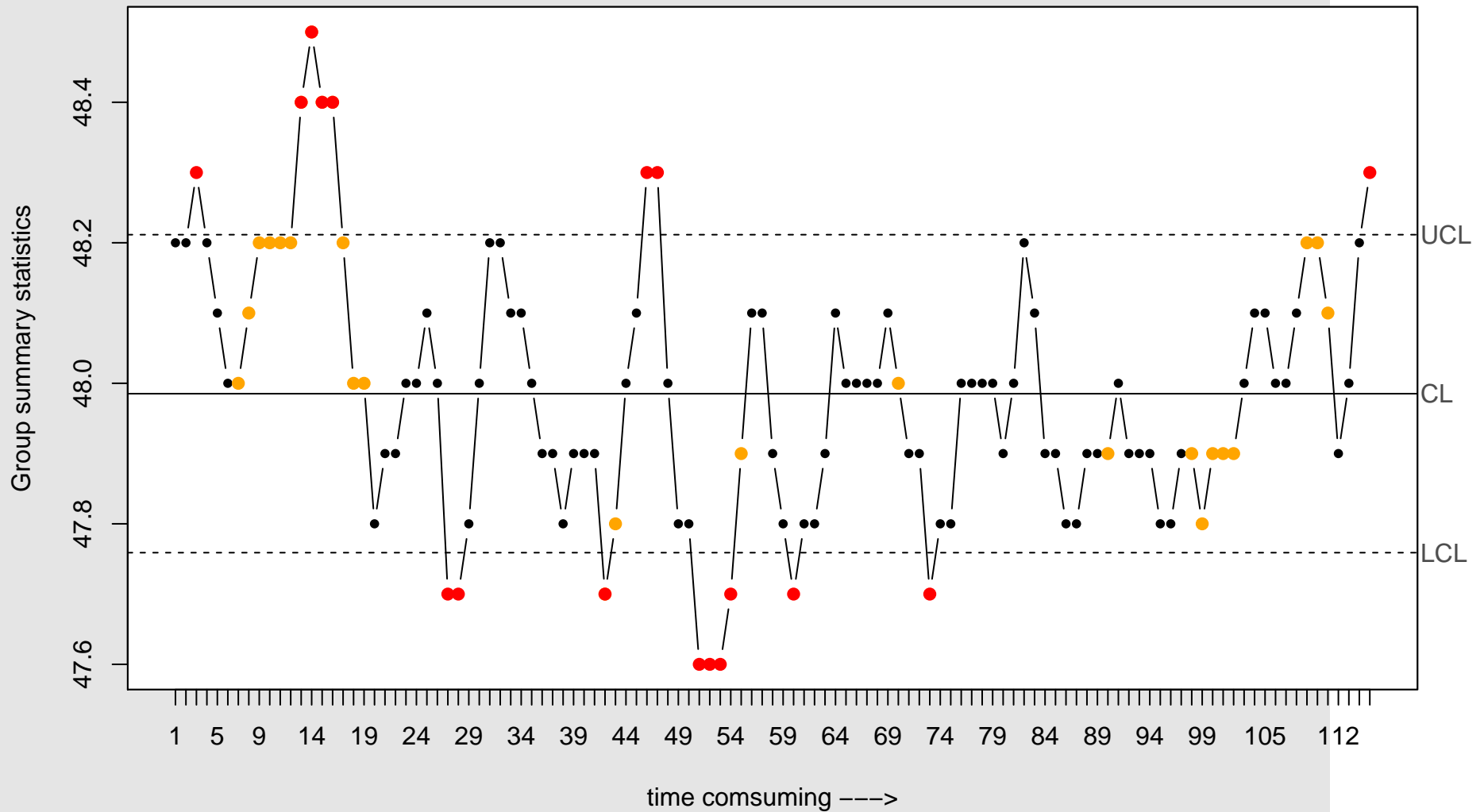
LCL = 47.74098

UCL = 48.18424

Number beyond limits = 26

Number violating runs = 30

264th column point of this product



Number of groups = 115

Center = 47.98522

StdDev = 0.07543238

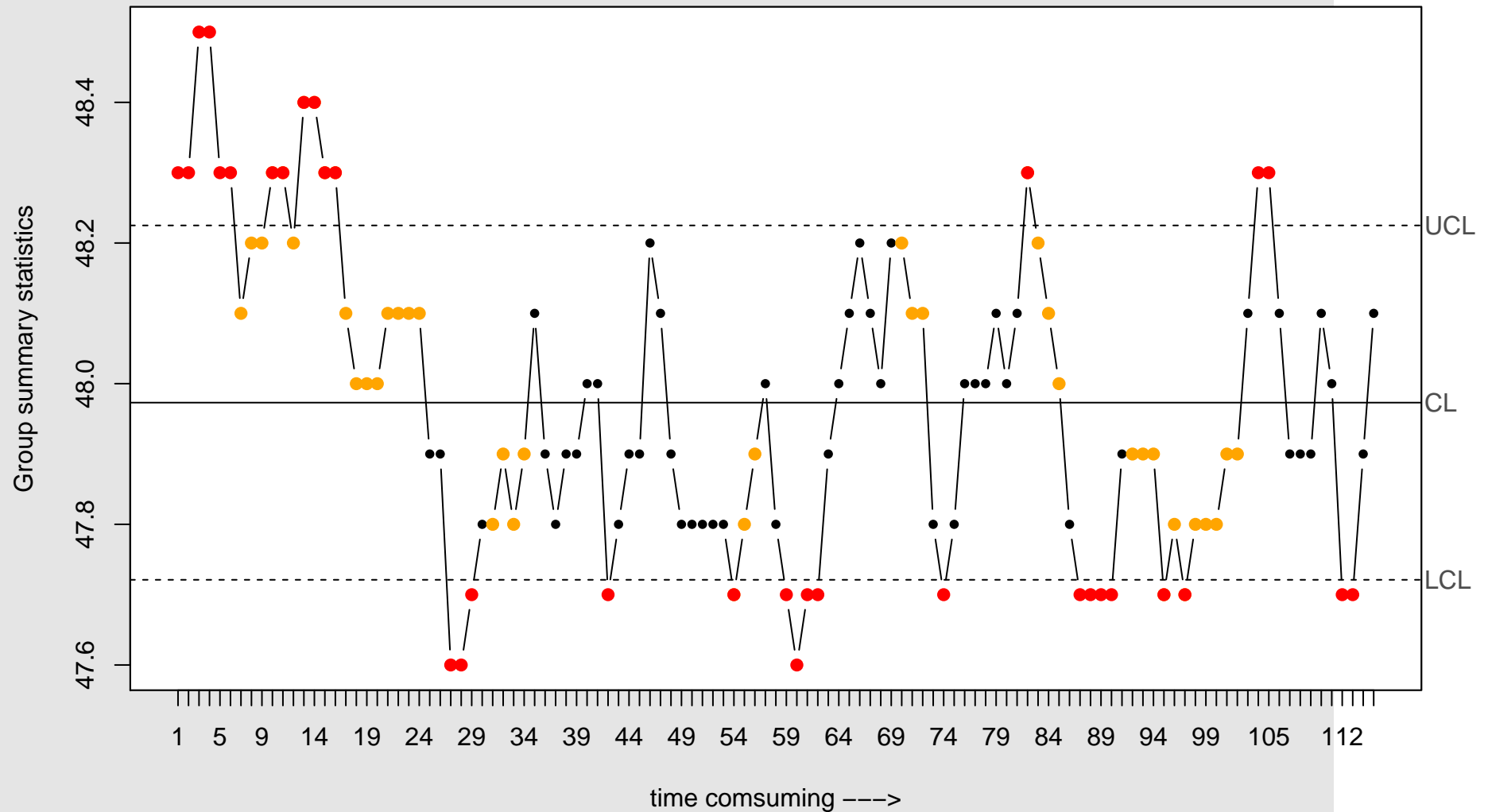
LCL = 47.75892

UCL = 48.21151

Number beyond limits = 17

Number violating runs = 26

265th column point of this product



Number of groups = 115

Center = 47.97304

StdDev = 0.08398656

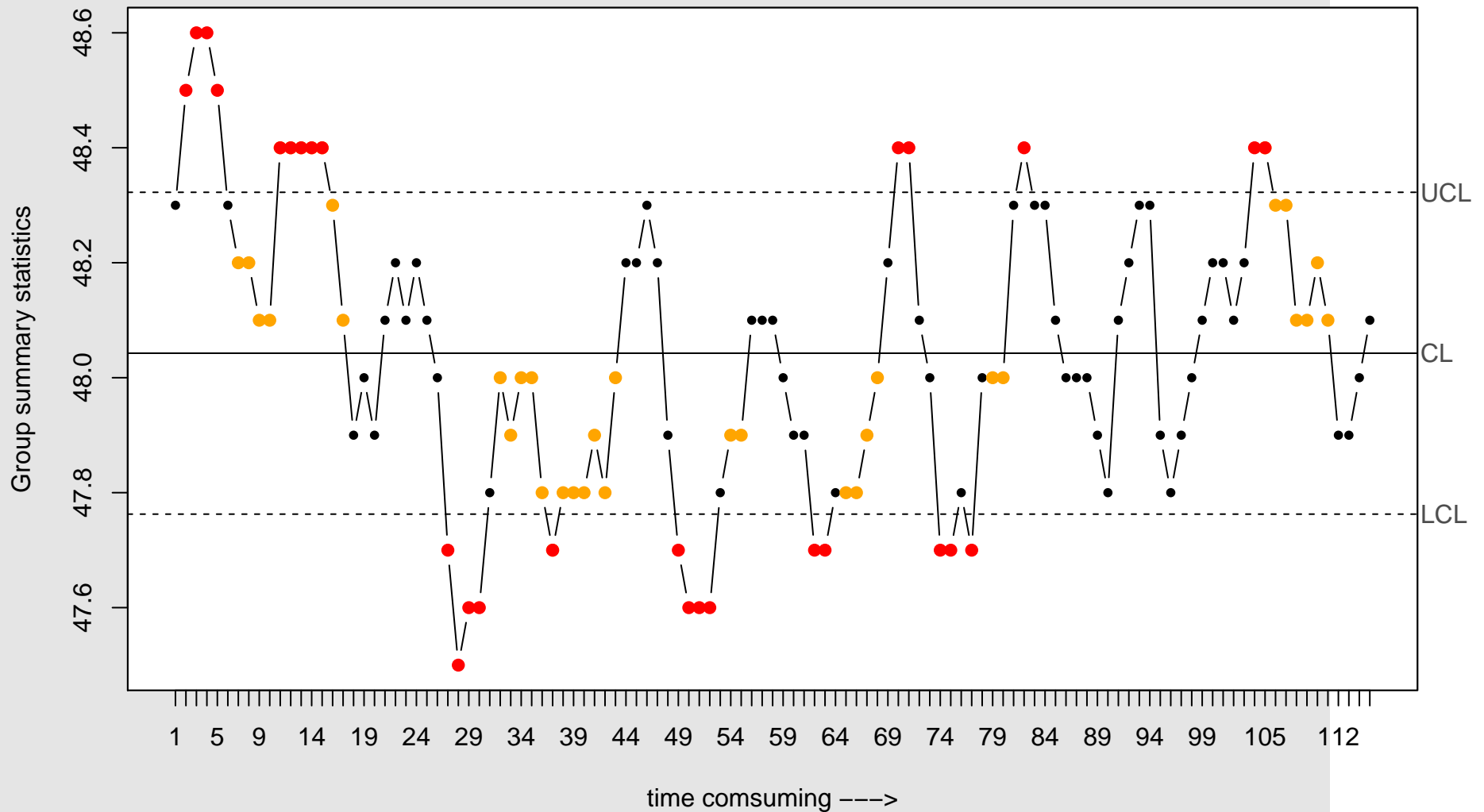
LCL = 47.72108

UCL = 48.225

Number beyond limits = 33

Number violating runs = 43

266th column point of this product



Number of groups = 115

Center = 48.04261

StdDev = 0.0933184

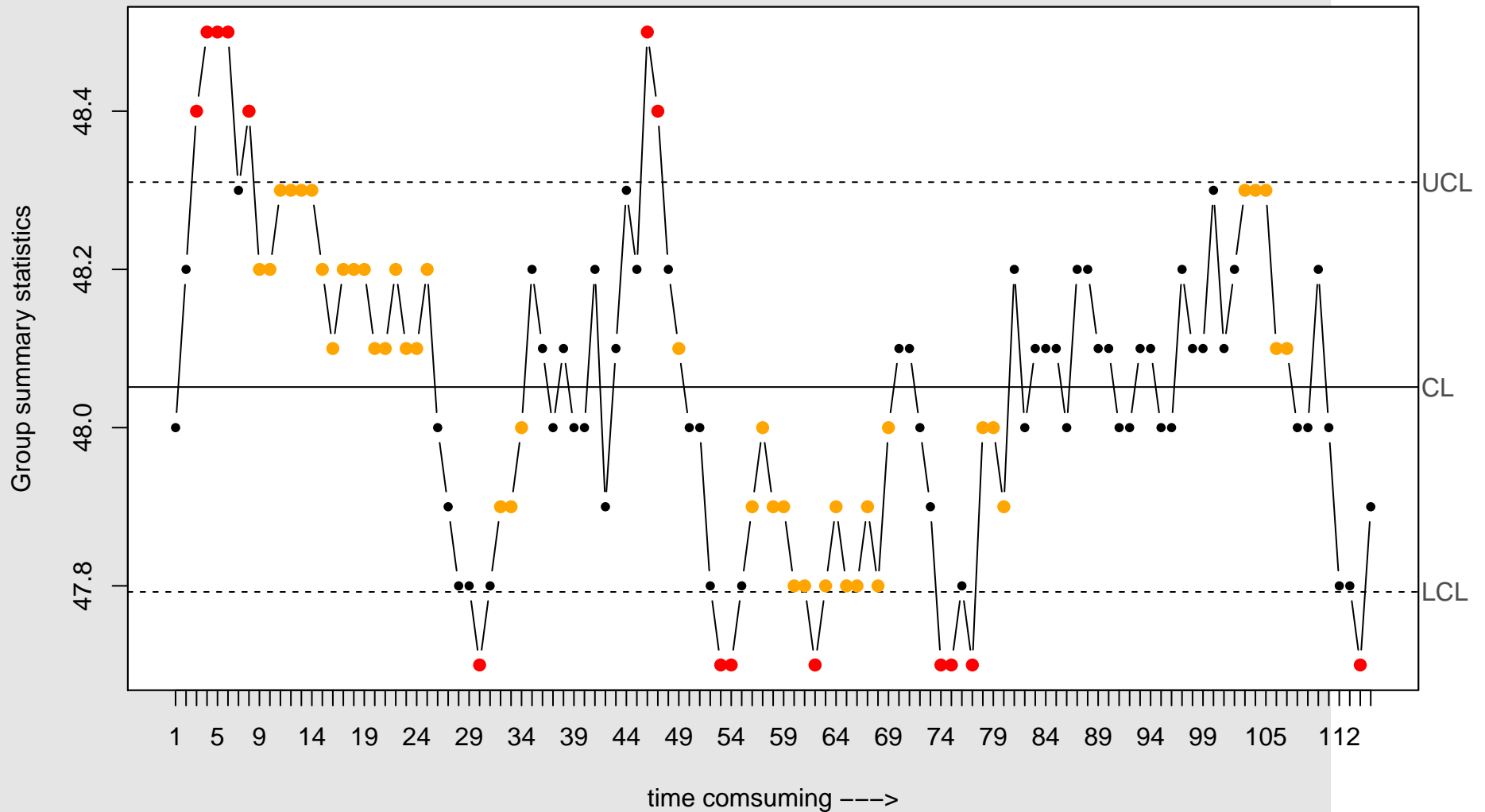
LCL = 47.76265

UCL = 48.32256

Number beyond limits = 28

Number violating runs = 38

267th column point of this product

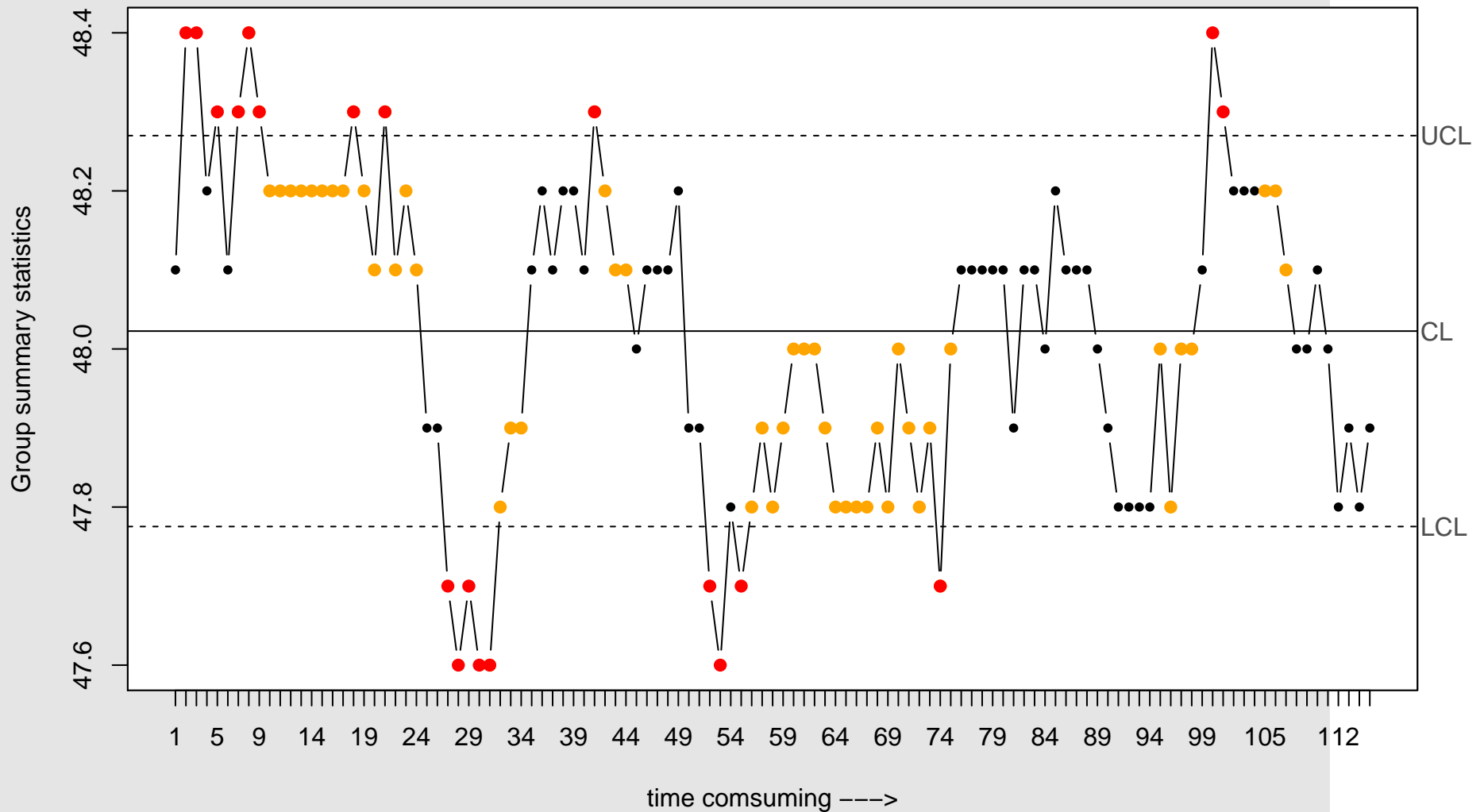


Number of groups = 115
 Center = 48.0513
 StdDev = 0.08631952

LCL = 47.79235
 UCL = 48.31026

Number beyond limits = 15
 Number violating runs = 44

268th column point of this product



Number of groups = 115

Center = 48.02261

StdDev = 0.08243126

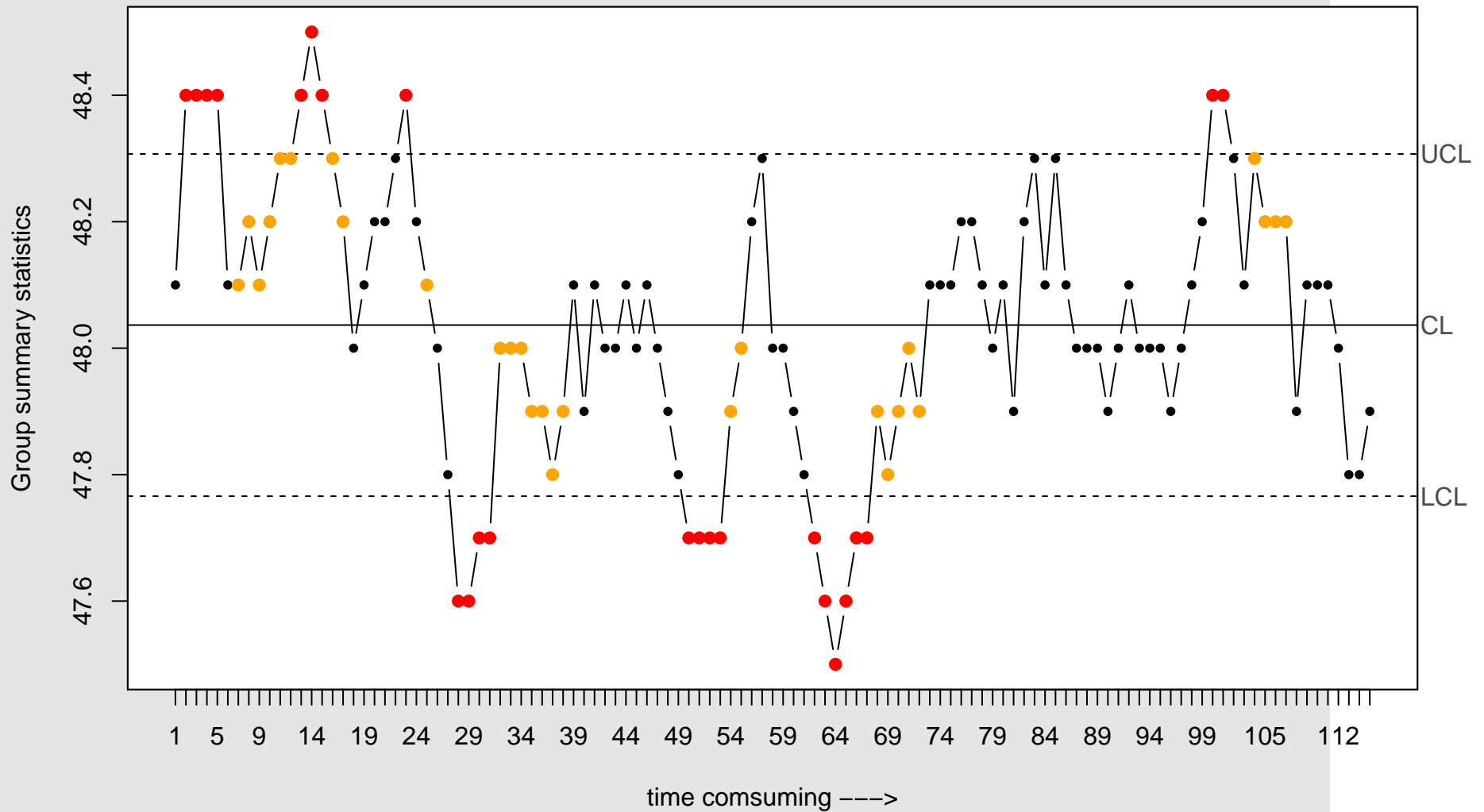
LCL = 47.77531

UCL = 48.2699

Number beyond limits = 20

Number violating runs = 53

269th column point of this product

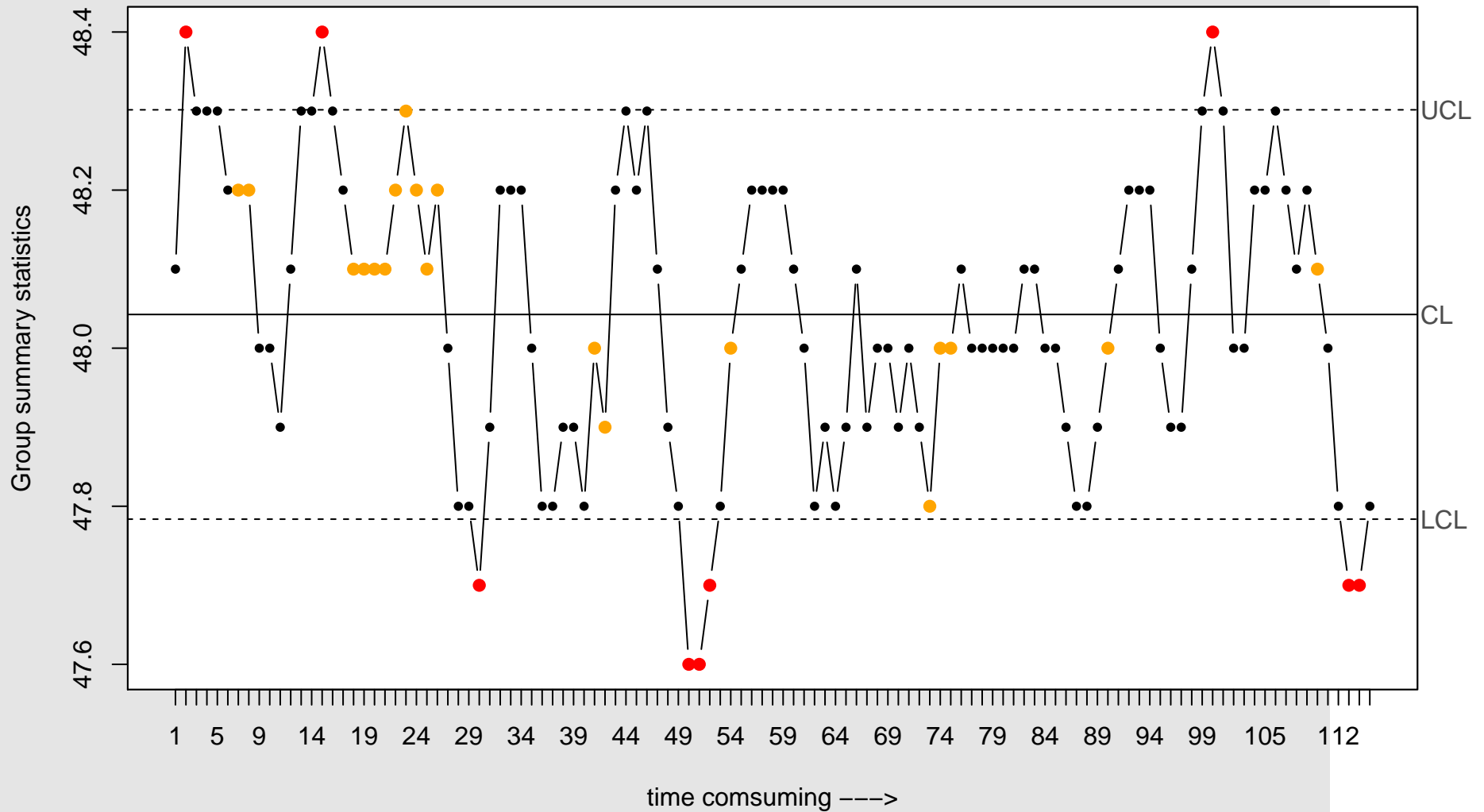


Number of groups = 115
 Center = 48.03652
 StdDev = 0.09020779

LCL = 47.7659
 UCL = 48.30715

Number beyond limits = 24
 Number violating runs = 35

270th column point of this product

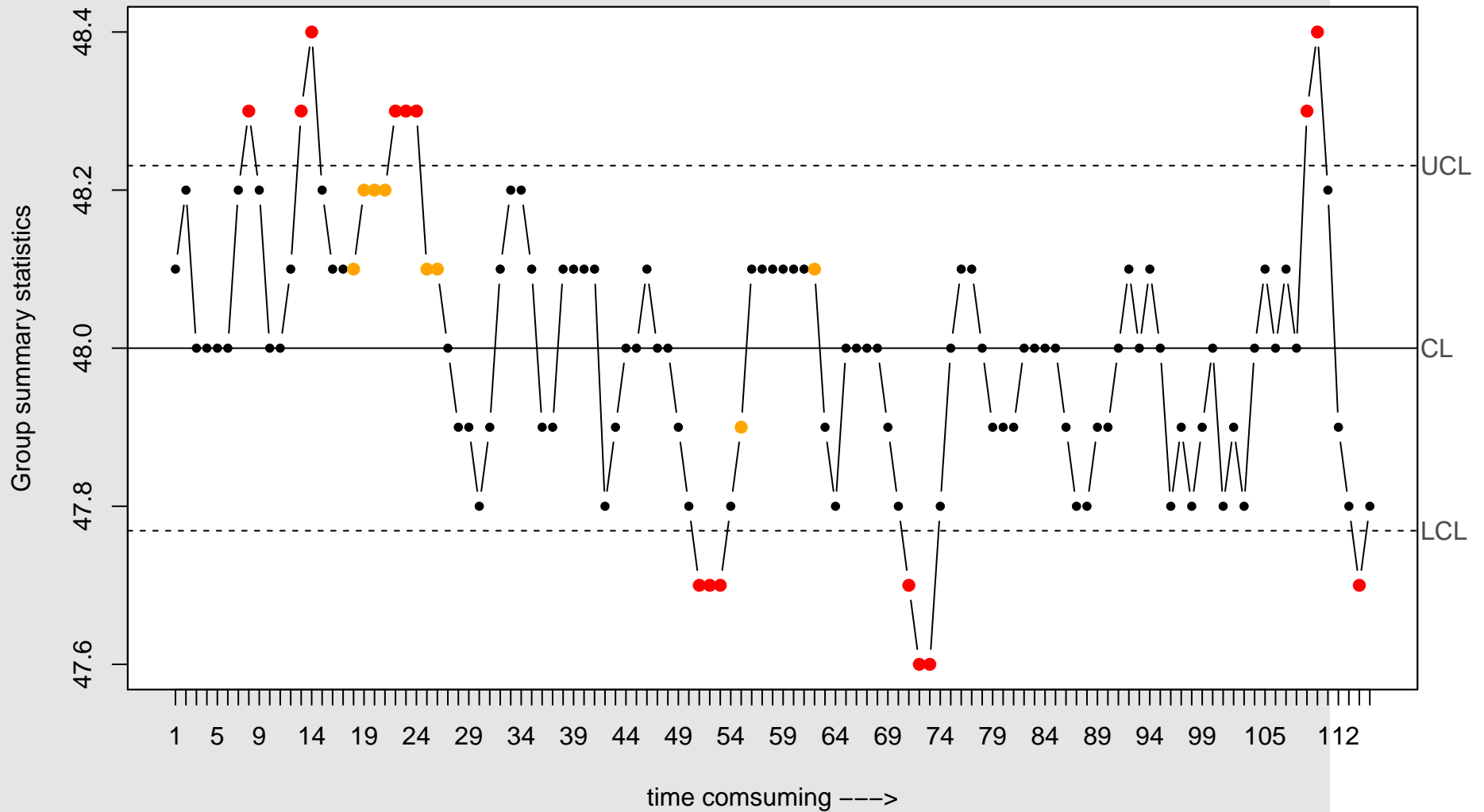


Number of groups = 115
 Center = 48.04261
 StdDev = 0.08631952

LCL = 47.78365
 UCL = 48.30157

Number beyond limits = 9
 Number violating runs = 19

271th column point of this product



Number of groups = 115

Center = 48

StdDev = 0.07698768

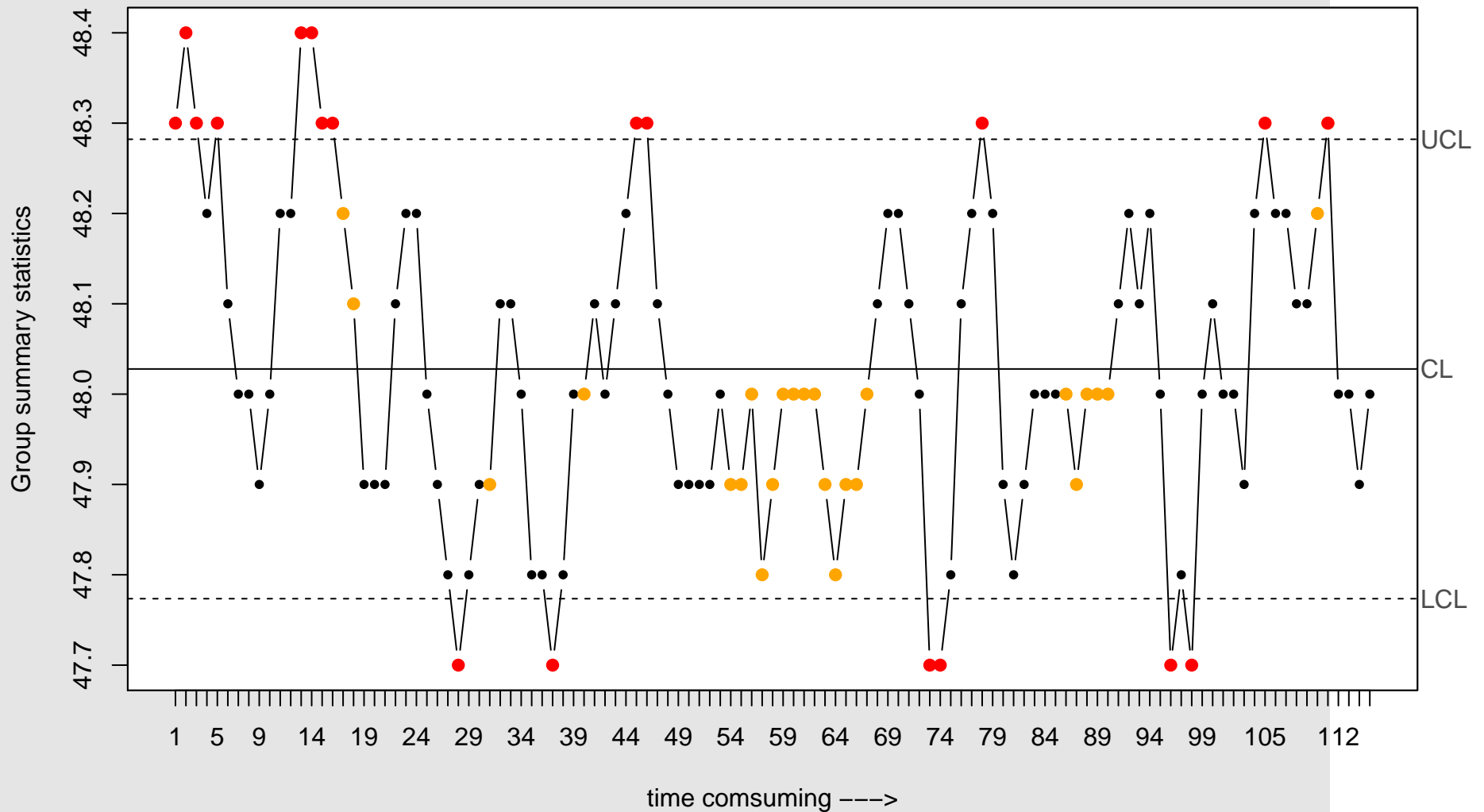
LCL = 47.76904

UCL = 48.23096

Number beyond limits = 15

Number violating runs = 11

272th column point of this product



Number of groups = 115

Center = 48.02783

StdDev = 0.08476422

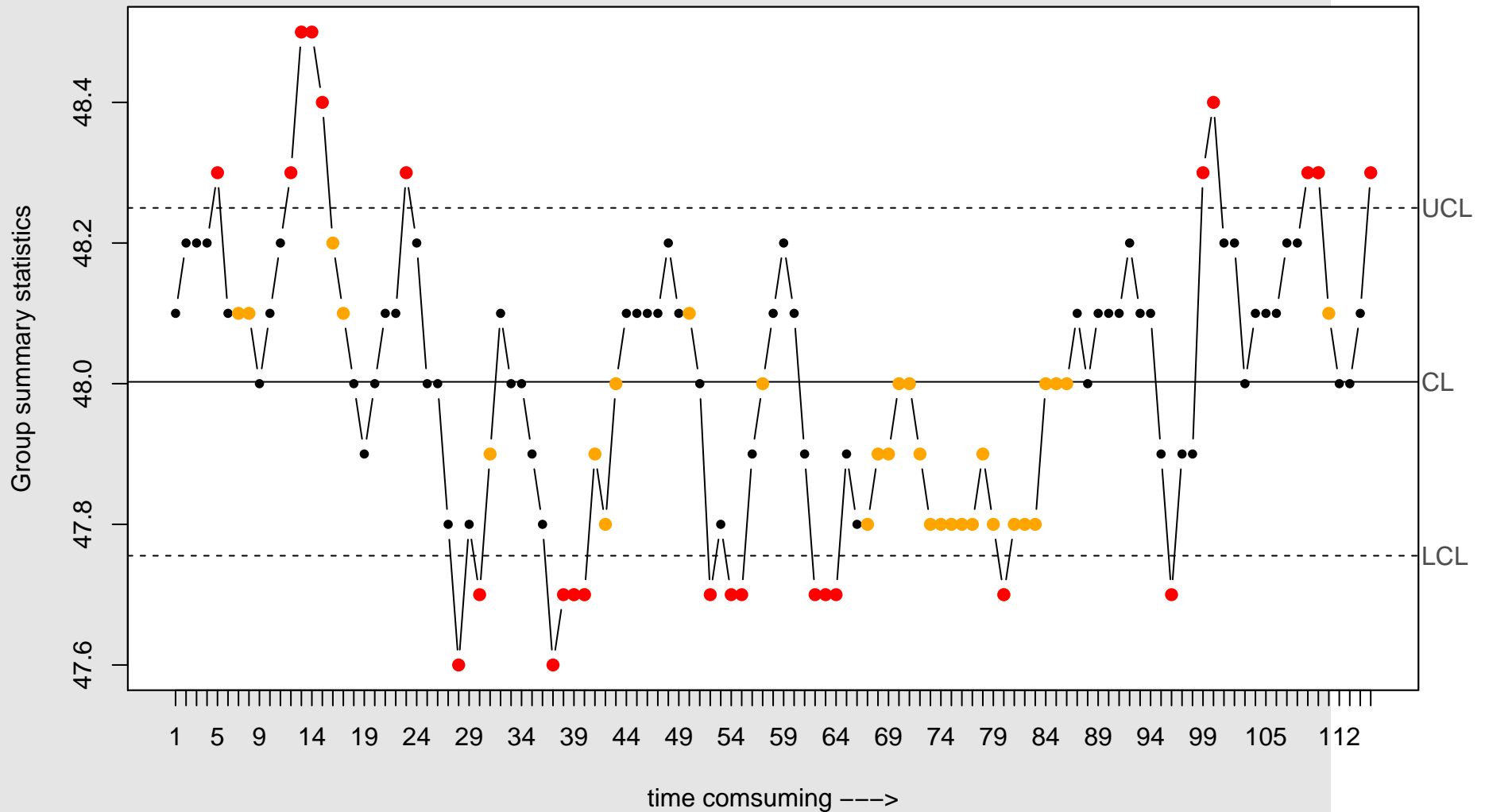
LCL = 47.77353

UCL = 48.28212

Number beyond limits = 19

Number violating runs = 25

273th column point of this product



Number of groups = 115

Center = 48.00261

StdDev = 0.08243126

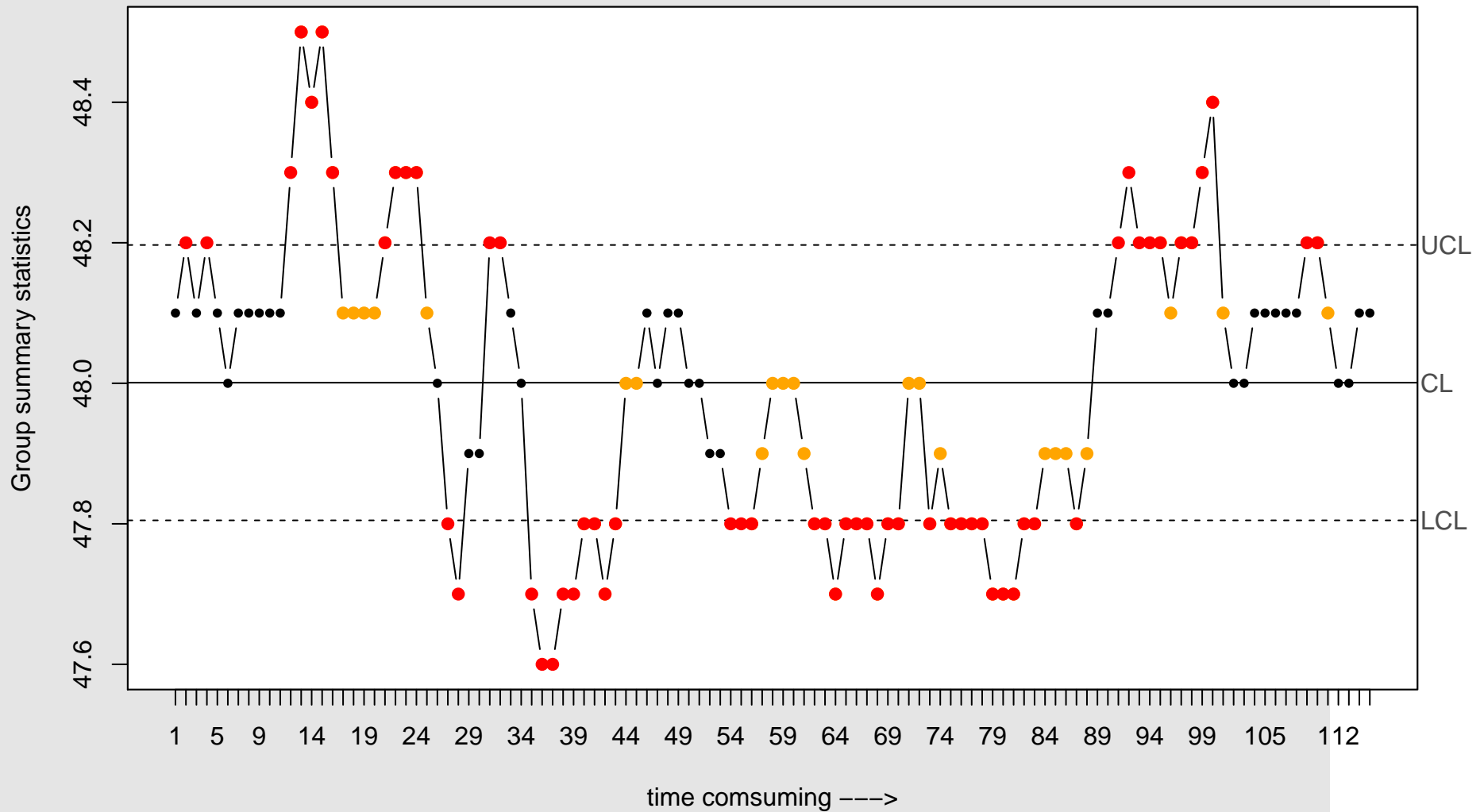
LCL = 47.75531

UCL = 48.2499

Number beyond limits = 25

Number violating runs = 34

274th column point of this product



Number of groups = 115

Center = 48.00087

StdDev = 0.06532288

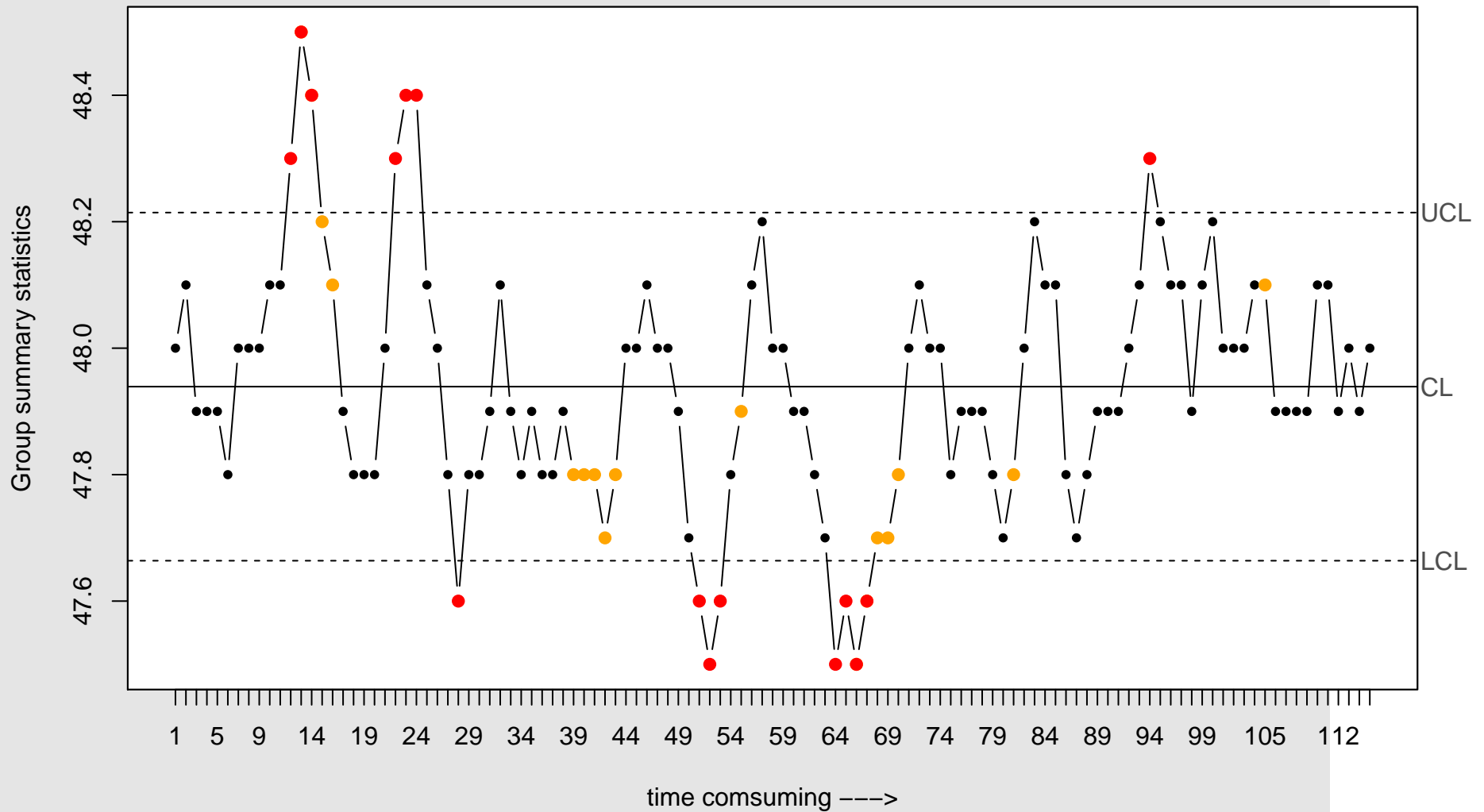
LCL = 47.8049

UCL = 48.19684

Number beyond limits = 58

Number violating runs = 61

275th column point of this product



Number of groups = 115

Center = 47.93913

StdDev = 0.0917631

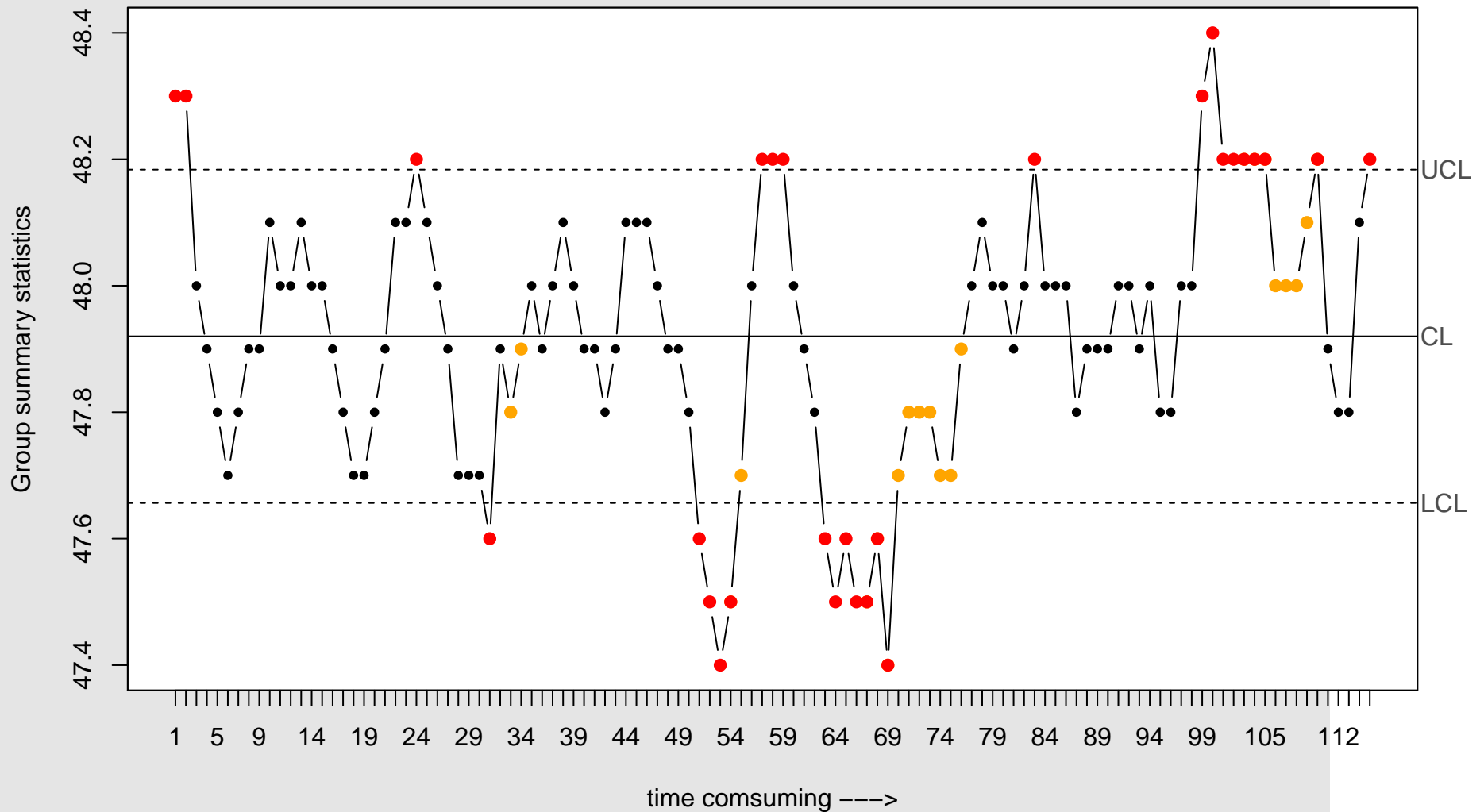
LCL = 47.66384

UCL = 48.21442

Number beyond limits = 15

Number violating runs = 17

276th column point of this product

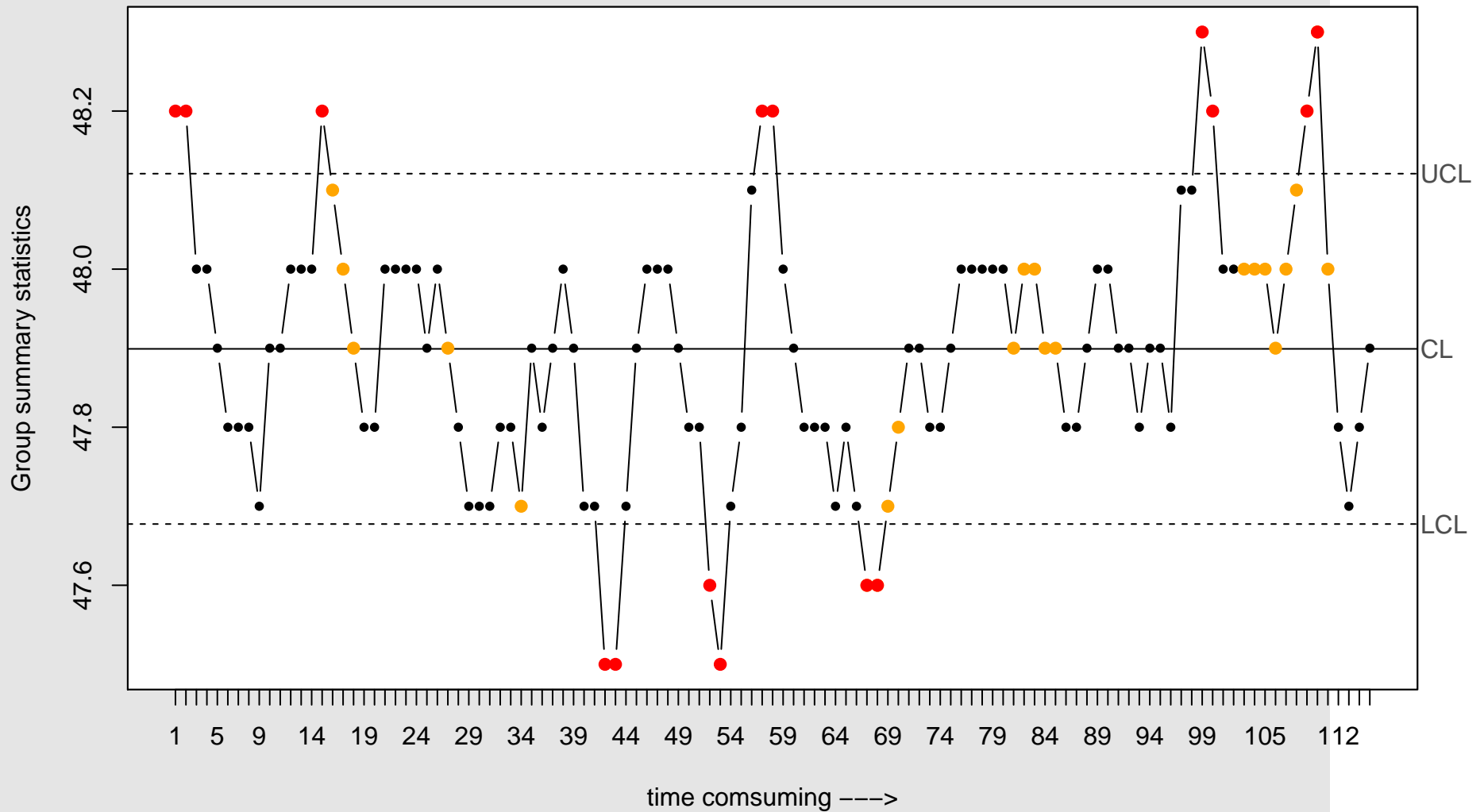


Number of groups = 115
 Center = 47.92
 StdDev = 0.08787483

LCL = 47.65638
 UCL = 48.18362

Number beyond limits = 28
 Number violating runs = 22

277th column point of this product

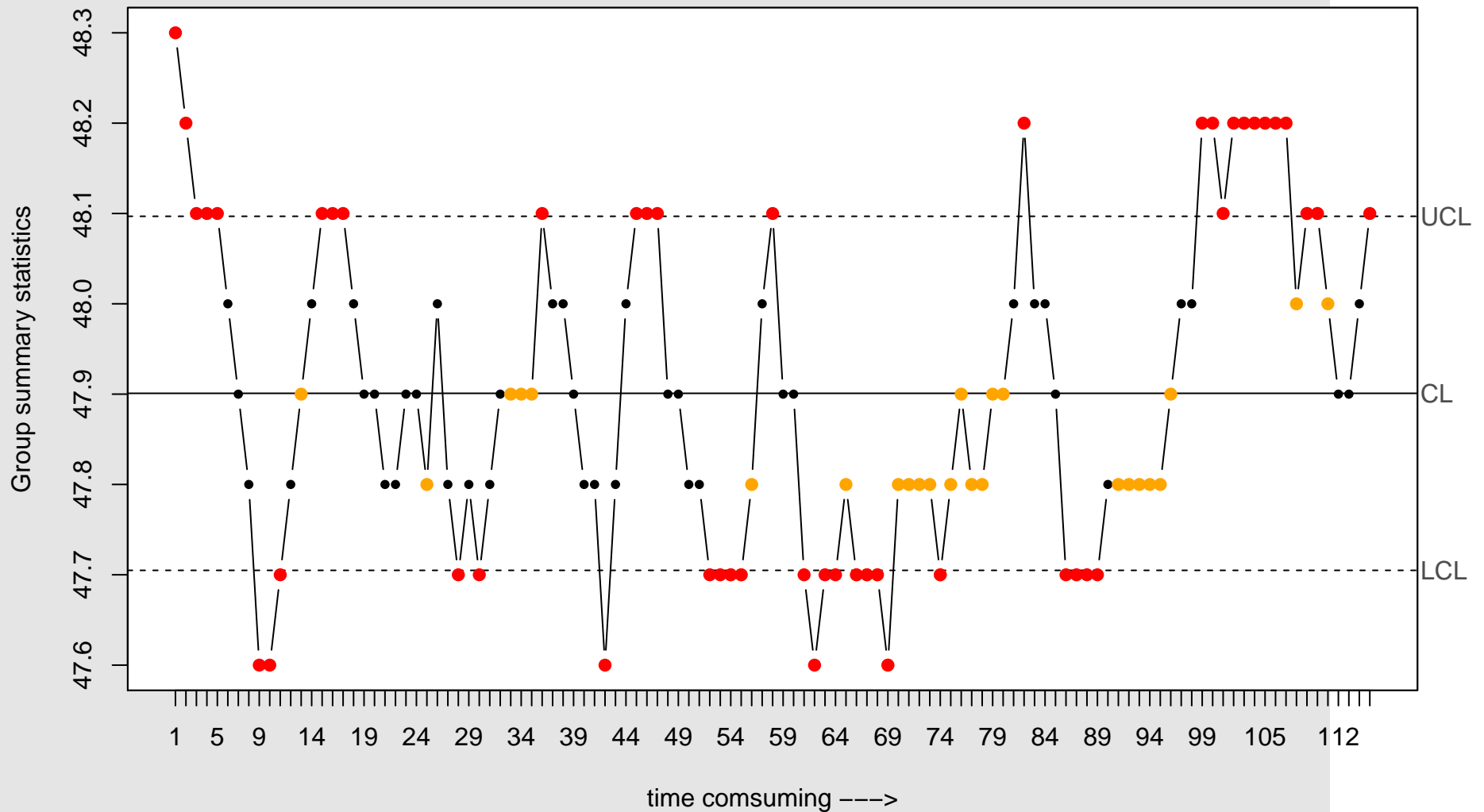


Number of groups = 115
 Center = 47.89913
 StdDev = 0.07387707

LCL = 47.6775
 UCL = 48.12076

Number beyond limits = 15
 Number violating runs = 23

278th column point of this product

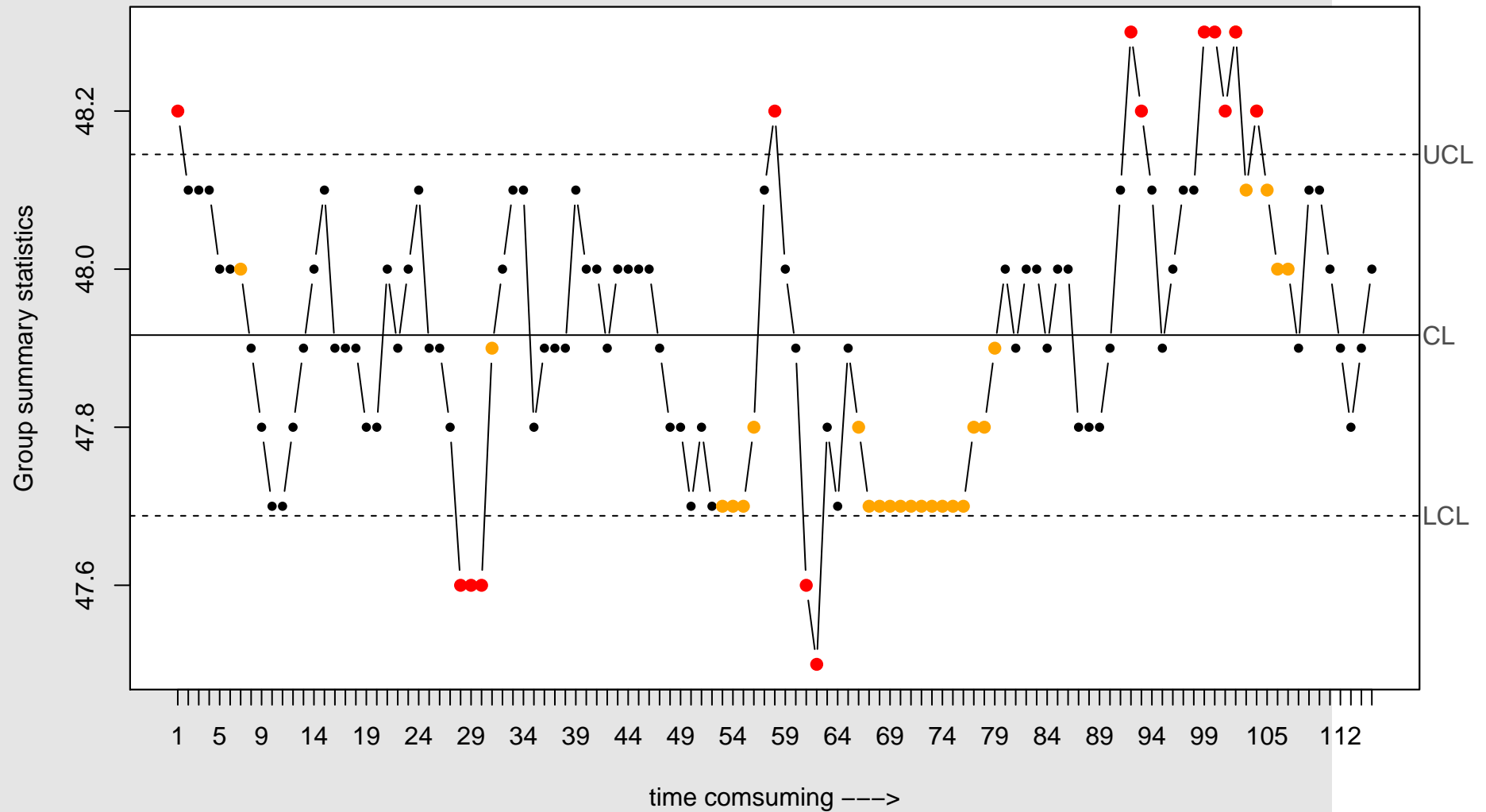


Number of groups = 115
 Center = 47.90087
 StdDev = 0.06532288

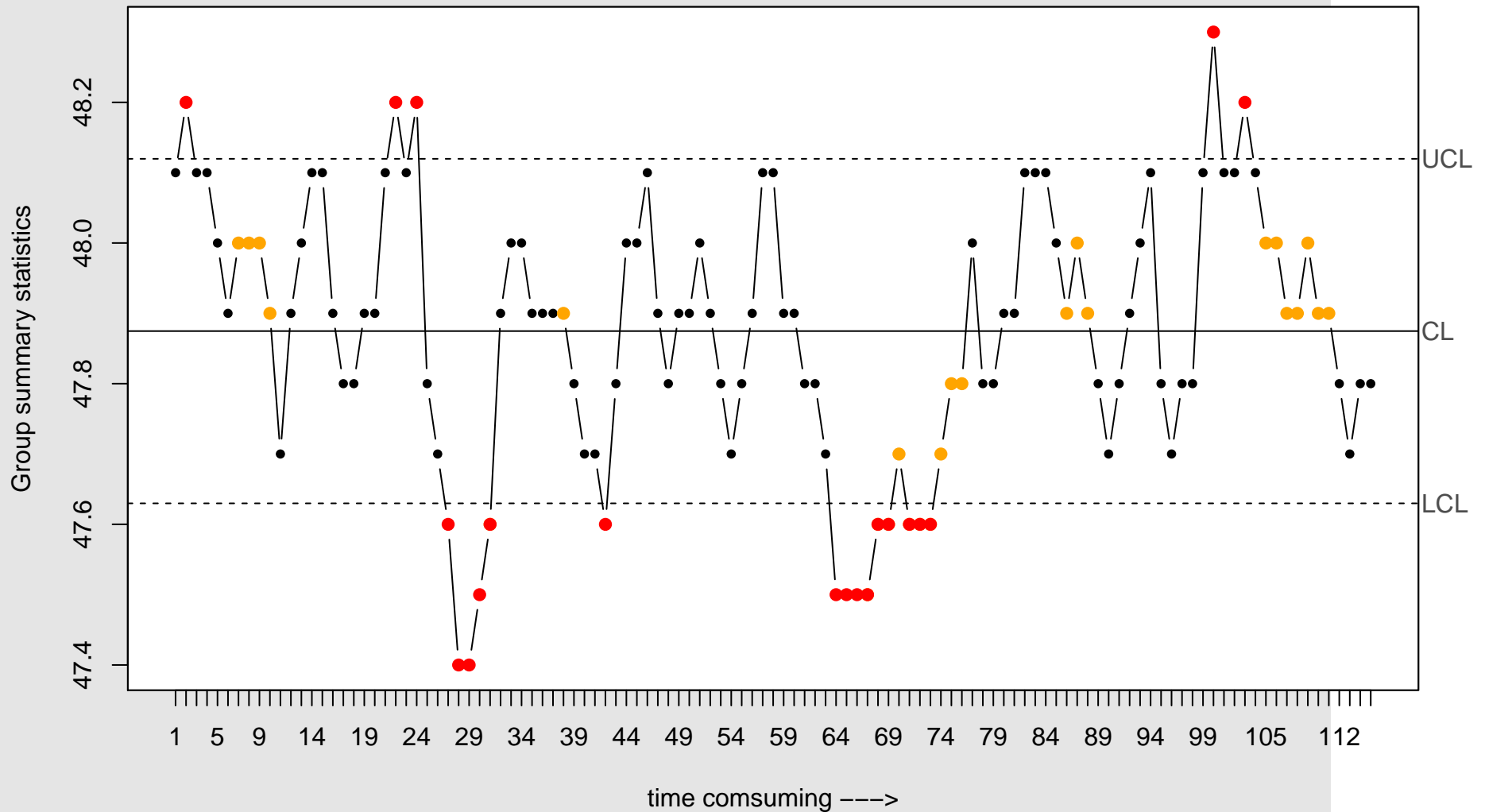
LCL = 47.7049
 UCL = 48.09684

Number beyond limits = 49
 Number violating runs = 39

279th column point of this product



280th column point of this product



Number of groups = 115

Center = 47.87478

StdDev = 0.0816536

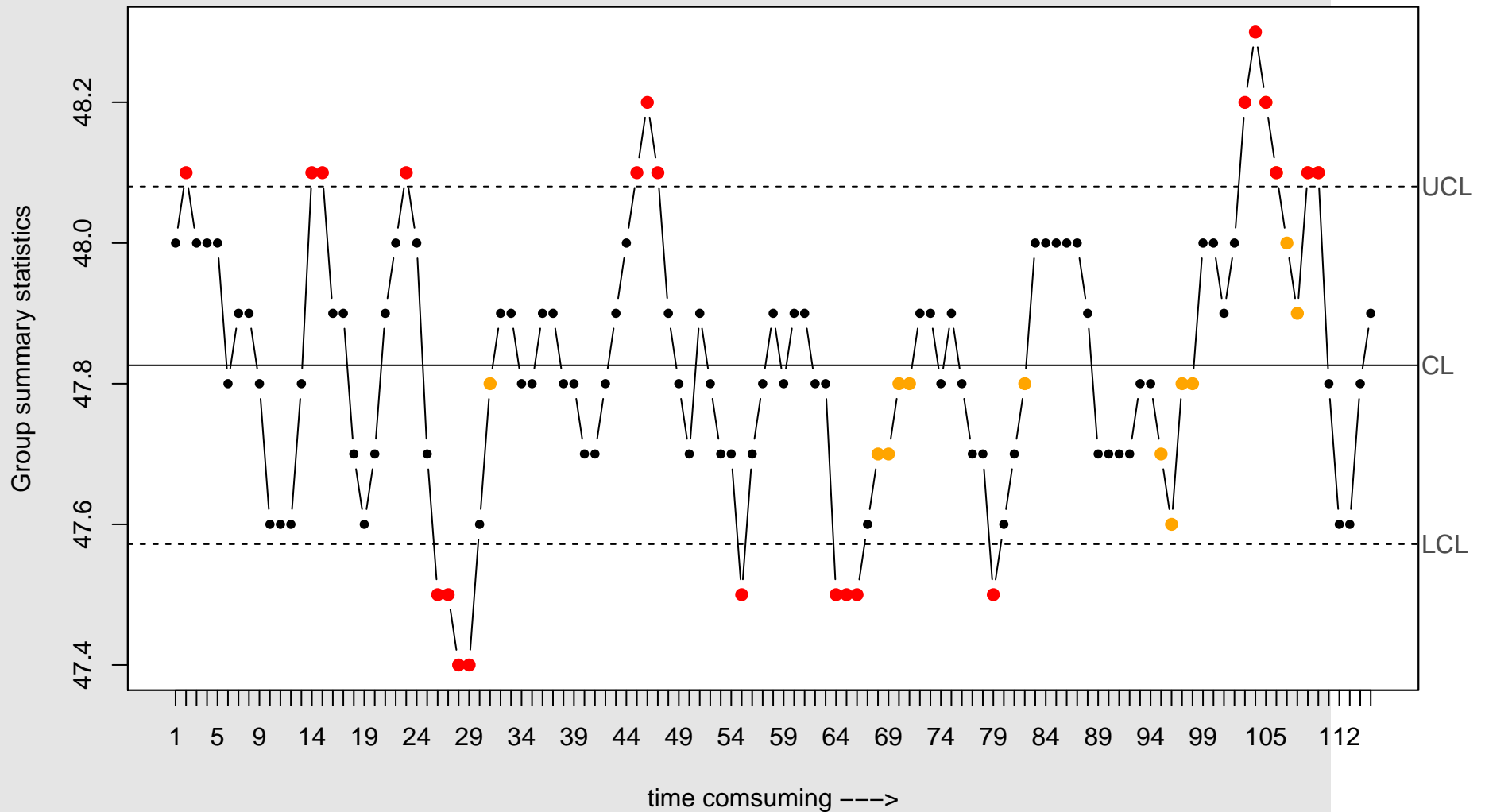
LCL = 47.62982

UCL = 48.11974

Number beyond limits = 20

Number violating runs = 26

281th column point of this product



Number of groups = 115

Center = 47.82609

StdDev = 0.08476422

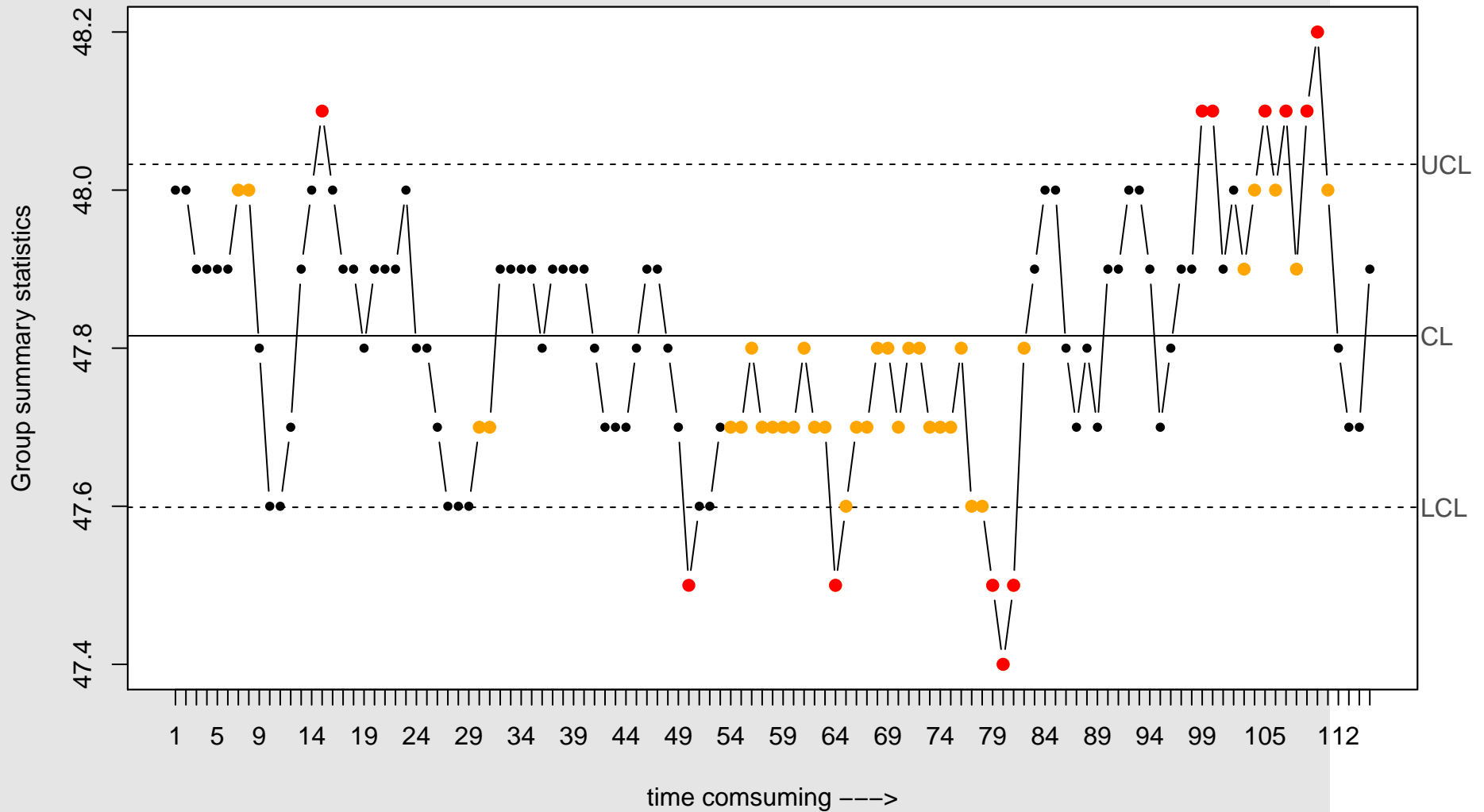
LCL = 47.57179

UCL = 48.08038

Number beyond limits = 22

Number violating runs = 16

282th column point of this product

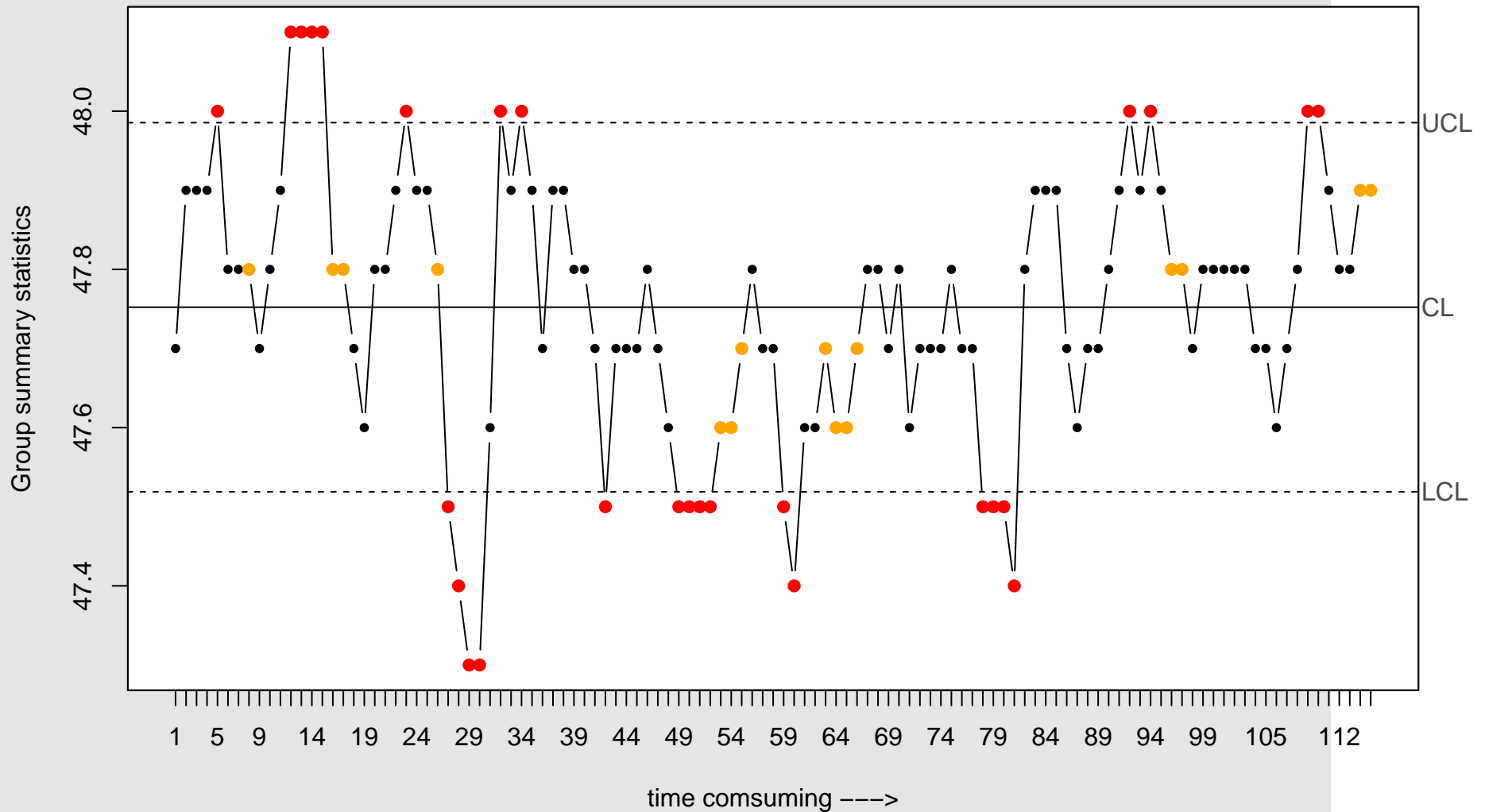


Number of groups = 115
 Center = 47.81565
 StdDev = 0.07232176

LCL = 47.59869
 UCL = 48.03262

Number beyond limits = 12
 Number violating runs = 42

283th column point of this product

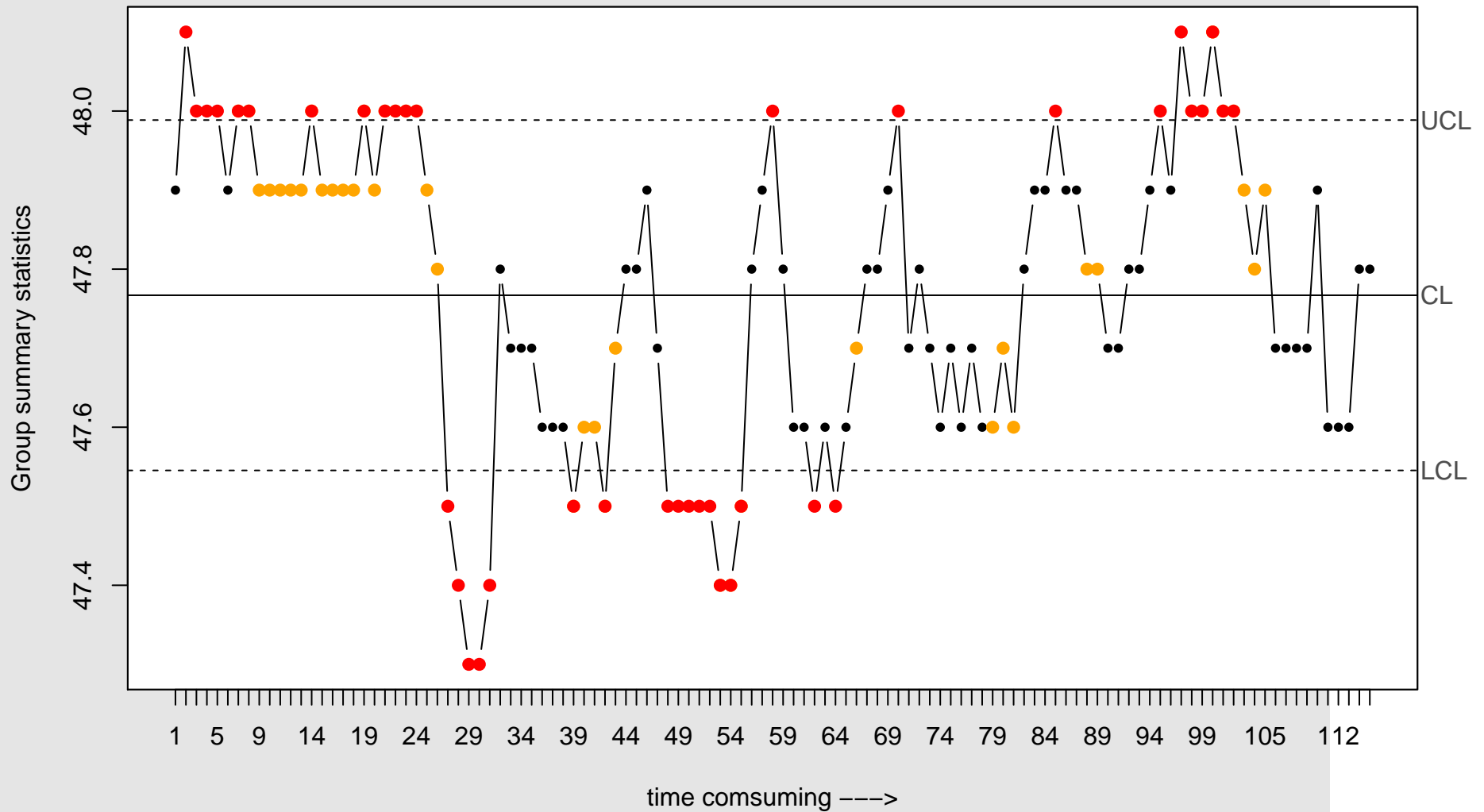


Number of groups = 115
 Center = 47.75217
 StdDev = 0.07776534

LCL = 47.51888
 UCL = 47.98547

Number beyond limits = 27
 Number violating runs = 15

284th column point of this product

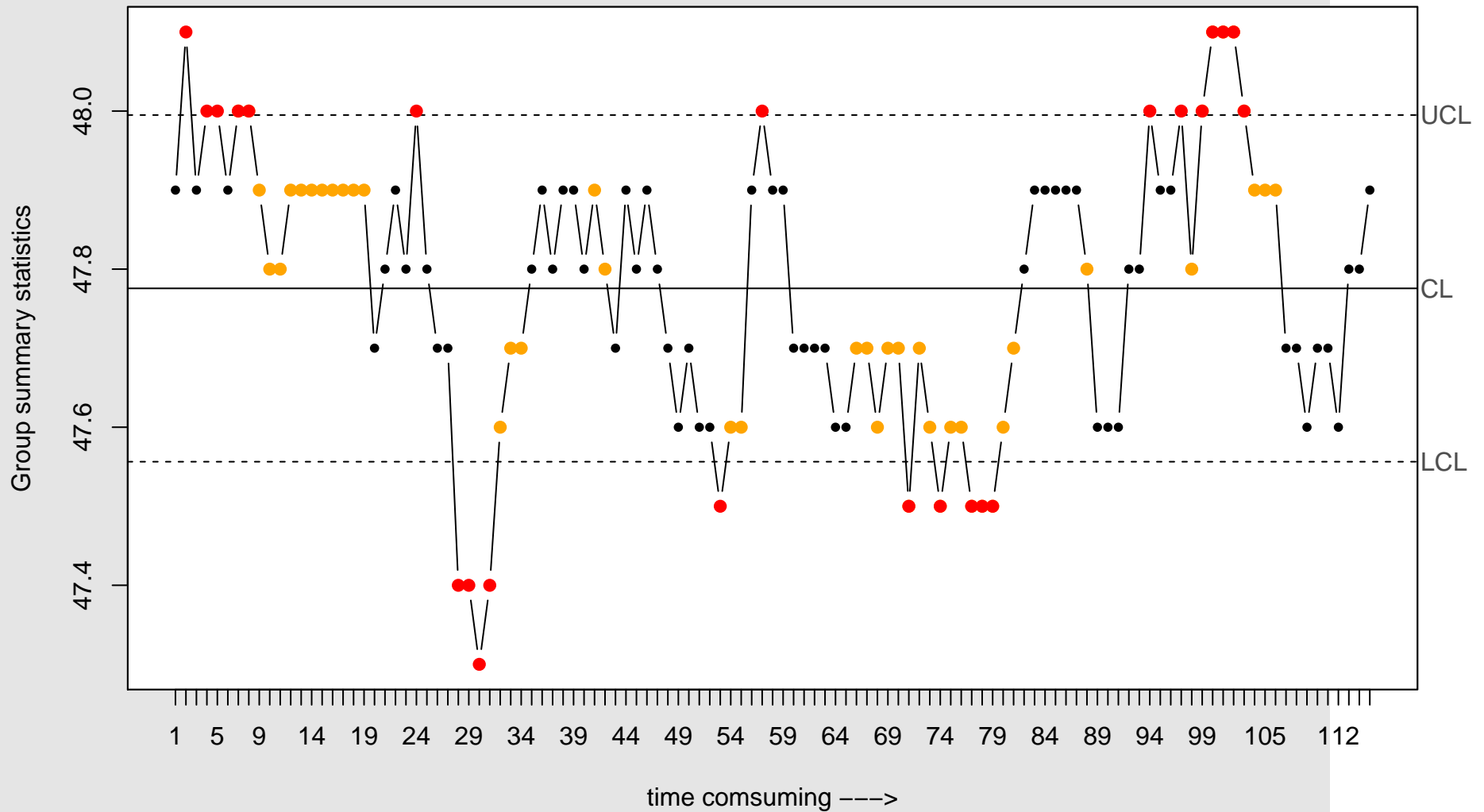


Number of groups = 115
 Center = 47.76696
 StdDev = 0.07387707

LCL = 47.54533
 UCL = 47.98859

Number beyond limits = 39
 Number violating runs = 42

285th column point of this product



Number of groups = 115

Center = 47.77565

StdDev = 0.07309942

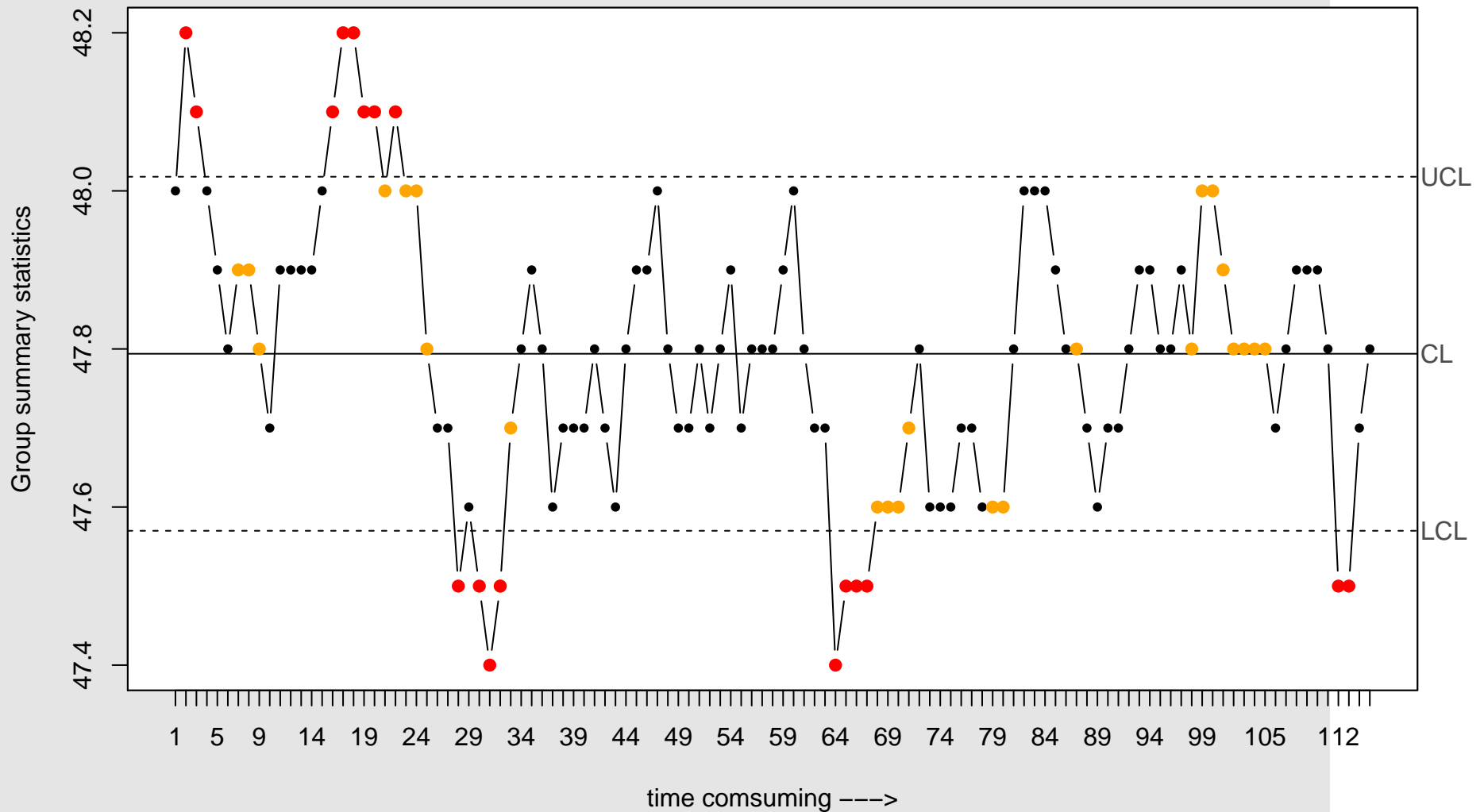
LCL = 47.55635

UCL = 47.99495

Number beyond limits = 24

Number violating runs = 46

286th column point of this product

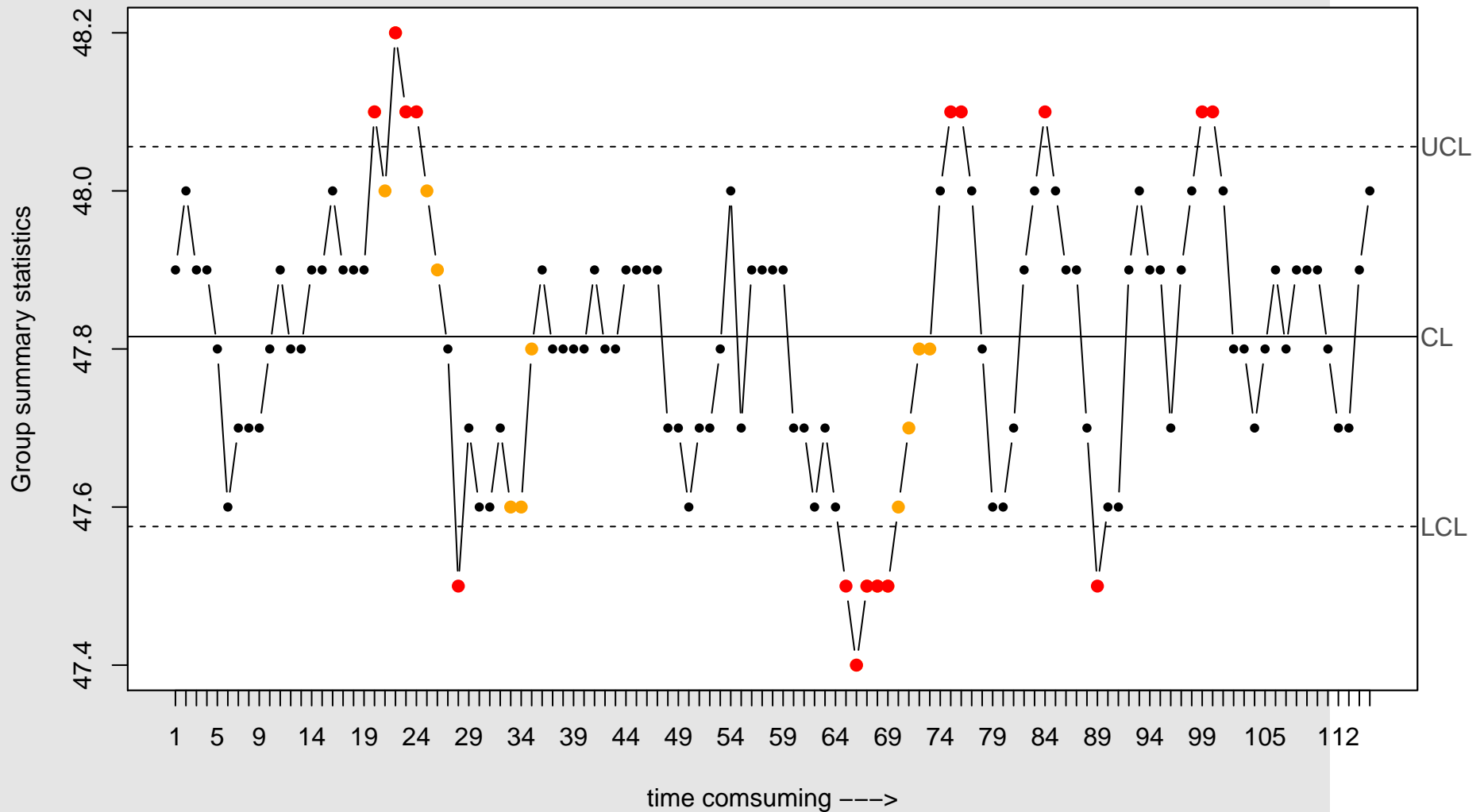


Number of groups = 115
Center = 47.79391
StdDev = 0.07465472

LCL = 47.56995
UCL = 48.01788

Number beyond limits = 18
Number violating runs = 29

287th column point of this product



Number of groups = 115

Center = 47.81565

StdDev = 0.0800983

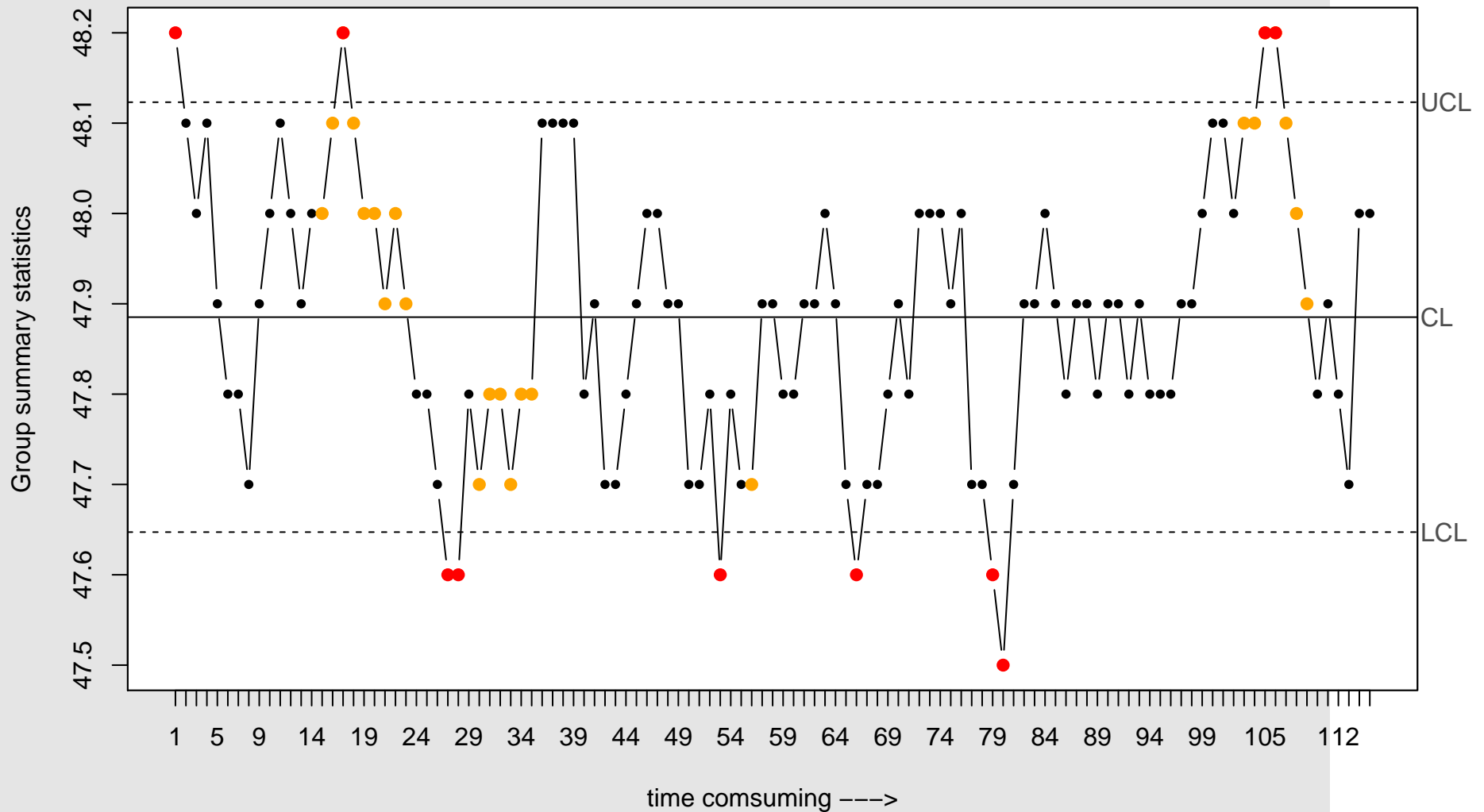
LCL = 47.57536

UCL = 48.05595

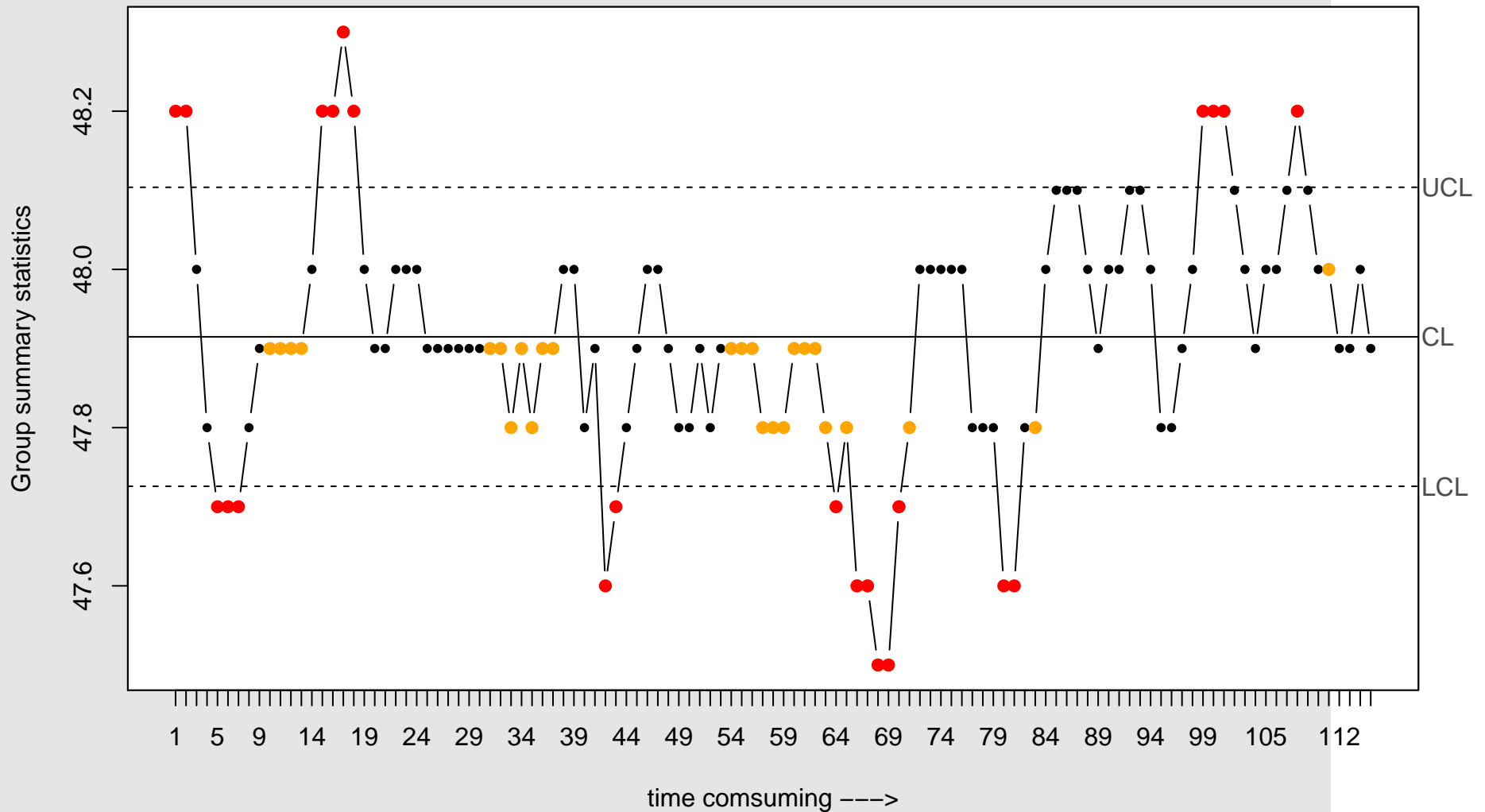
Number beyond limits = 16

Number violating runs = 18

288th column point of this product



289th column point of this product



Number of groups = 115

Center = 47.91478

StdDev = 0.06298992

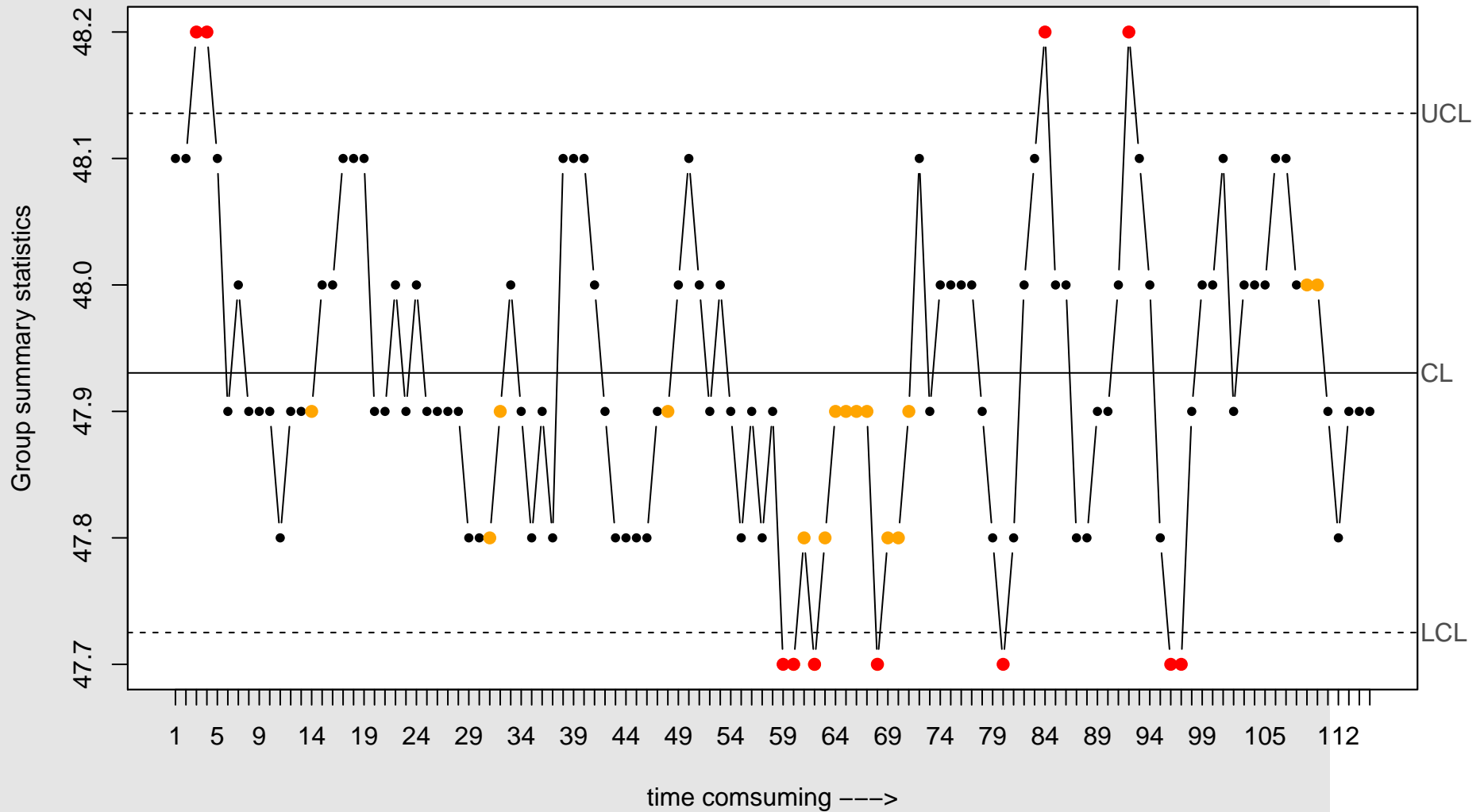
LCL = 47.72581

UCL = 48.10375

Number beyond limits = 23

Number violating runs = 31

290th column point of this product

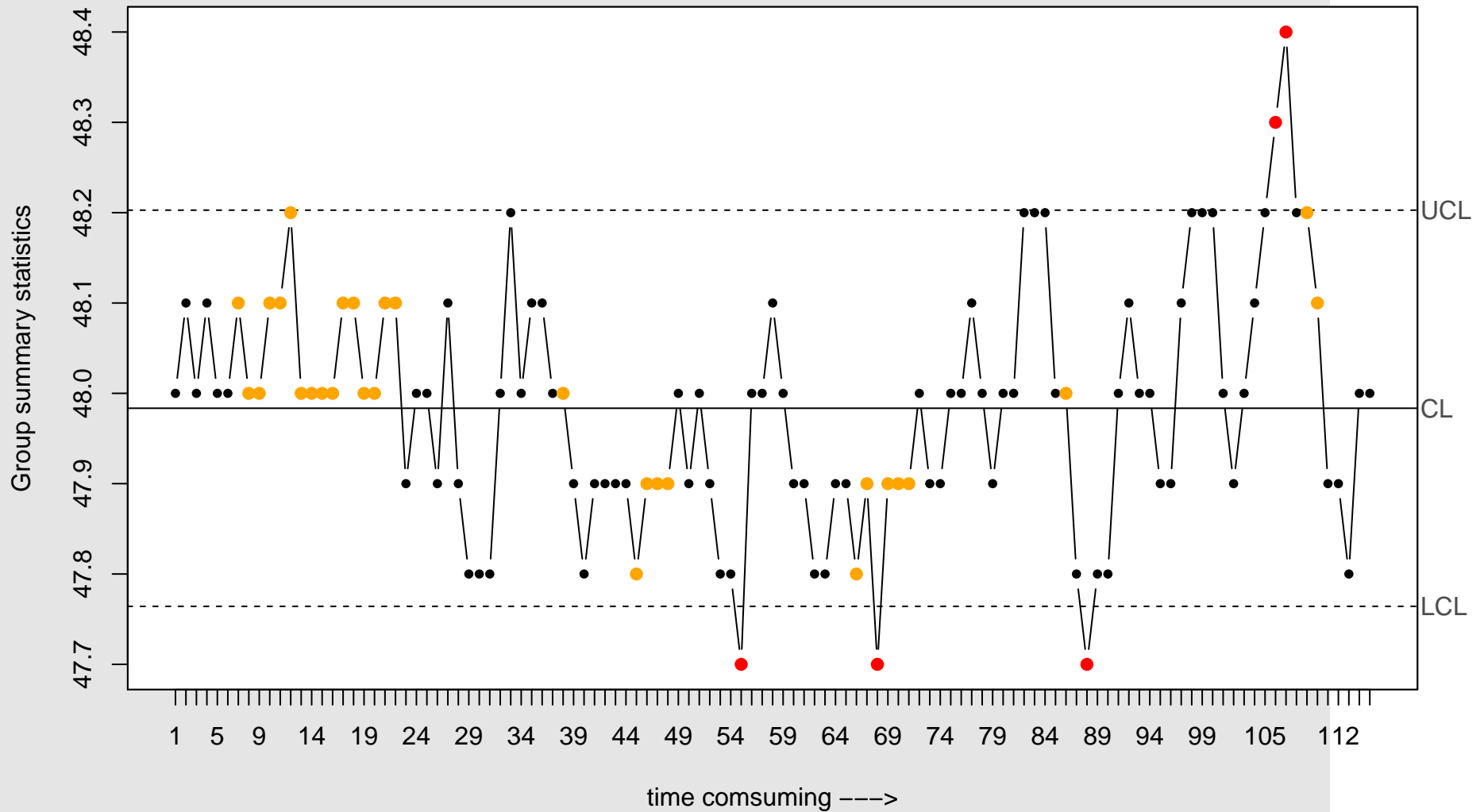


Number of groups = 115
 Center = 47.93043
 StdDev = 0.0684335

LCL = 47.72513
 UCL = 48.13574

Number beyond limits = 11
 Number violating runs = 18

291th column point of this product

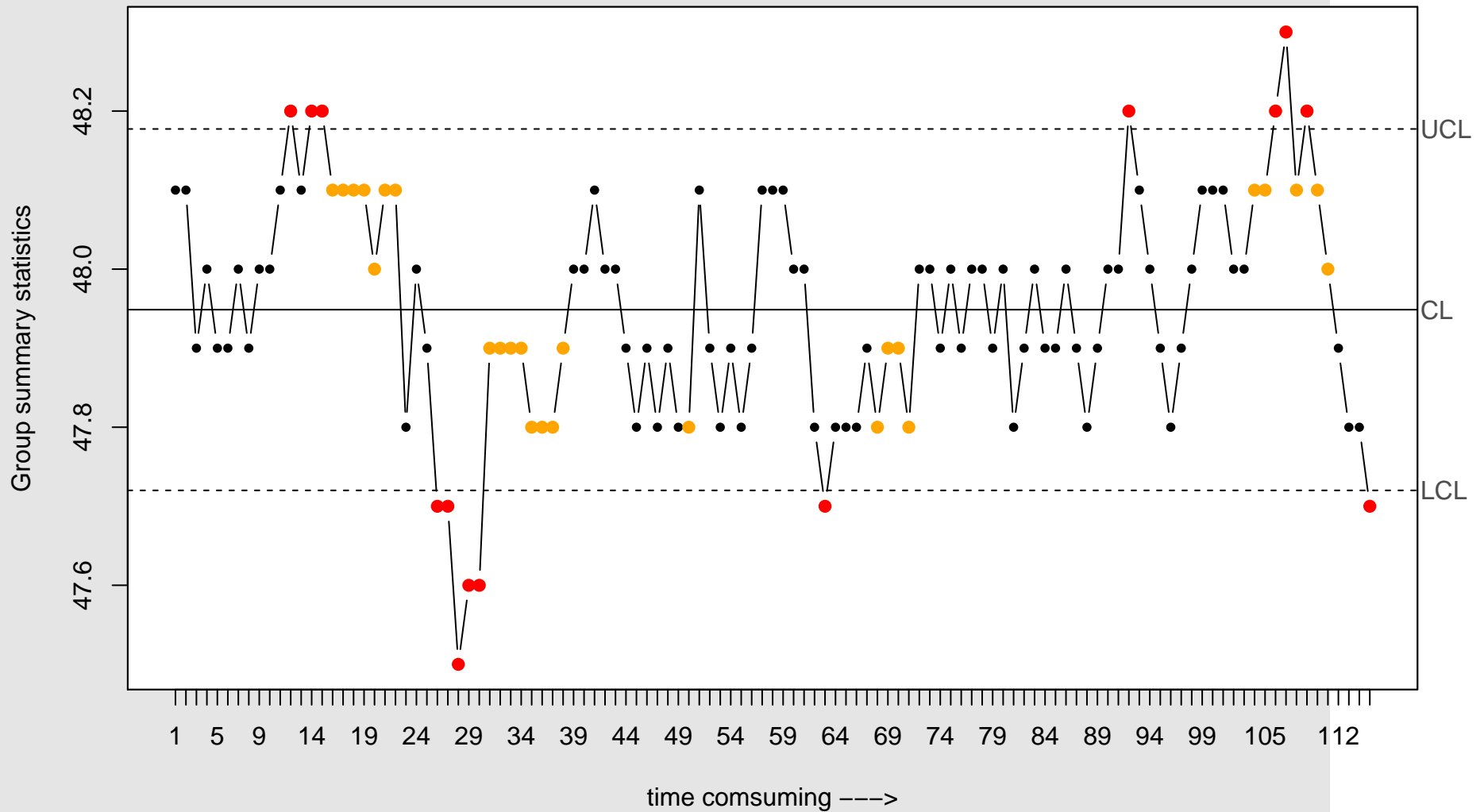


Number of groups = 115
 Center = 47.98348
 StdDev = 0.07309942

LCL = 47.76418
 UCL = 48.20278

Number beyond limits = 5
 Number violating runs = 30

292th column point of this product

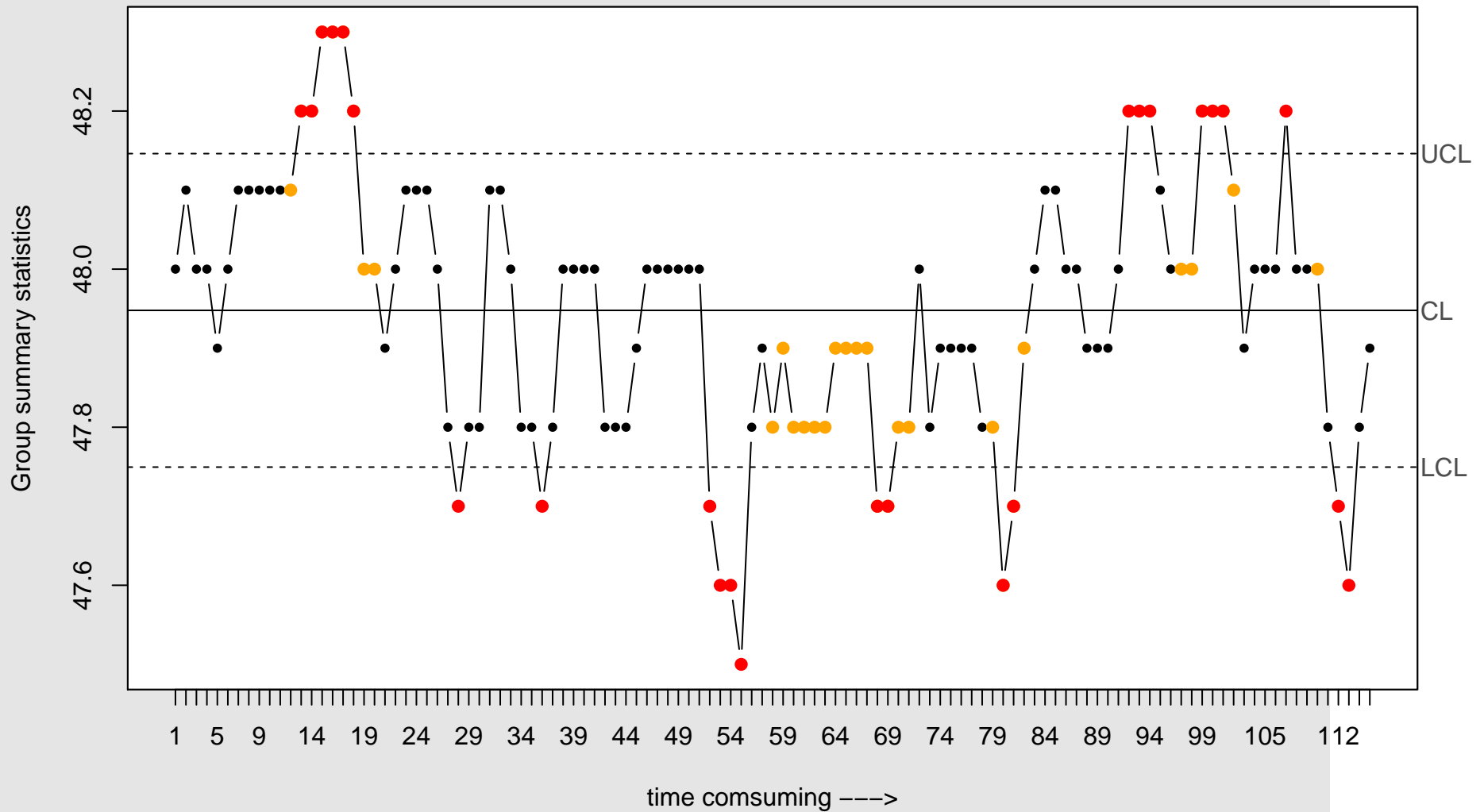


Number of groups = 115
 Center = 47.9487
 StdDev = 0.07621003

LCL = 47.72007
 UCL = 48.17733

Number beyond limits = 14
 Number violating runs = 29

293th column point of this product

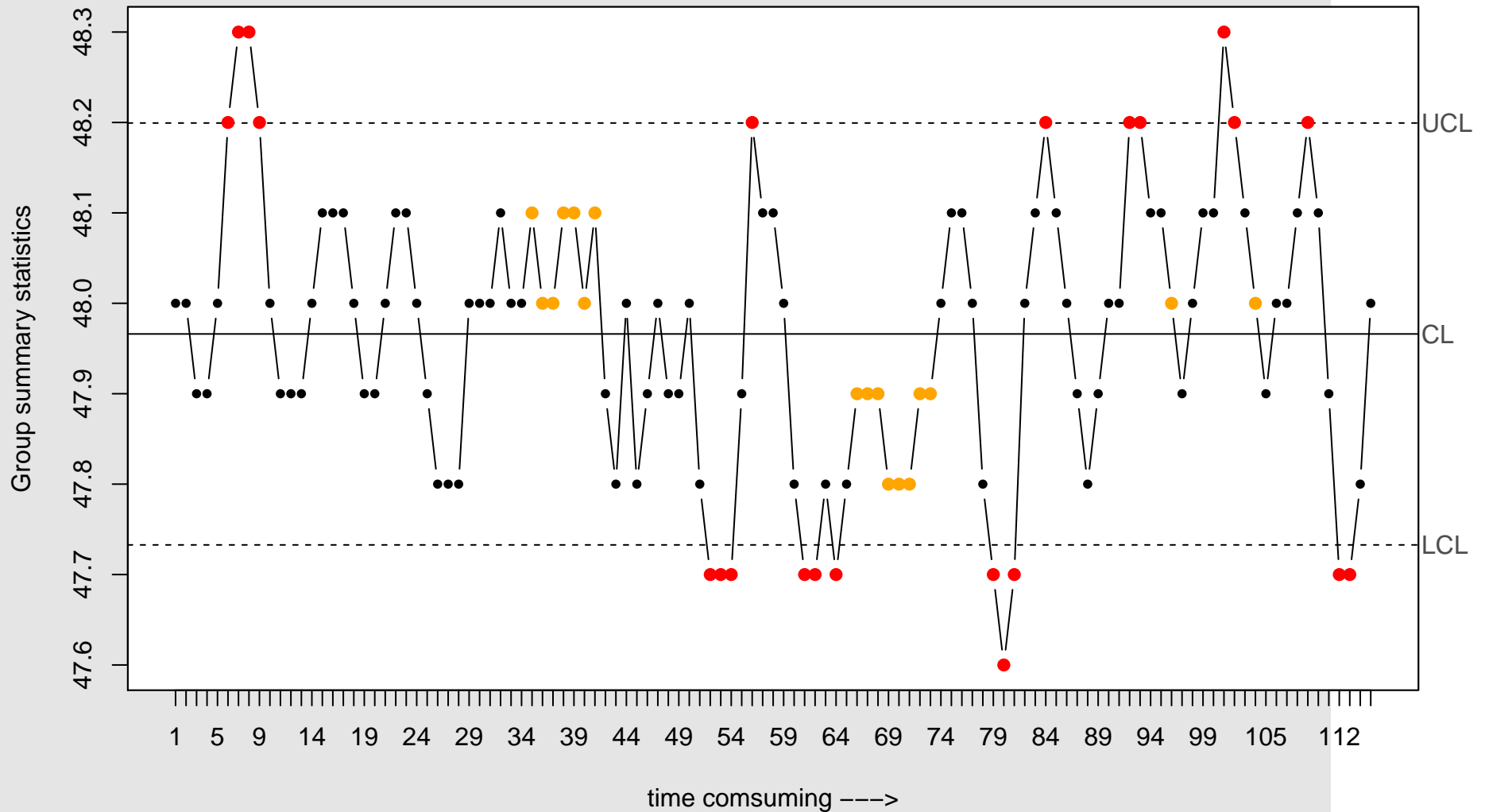


Number of groups = 115
 Center = 47.94783
 StdDev = 0.06610054

LCL = 47.74952
 UCL = 48.14613

Number beyond limits = 25
 Number violating runs = 34

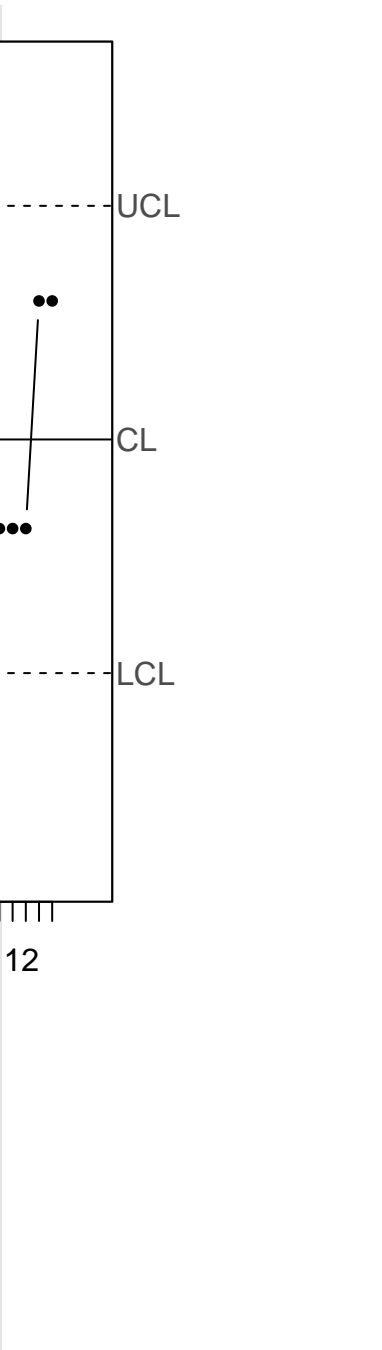
294th column point of this product



Number of groups = 115
 Center = 47.96609
 StdDev = 0.07776534

LCL = 47.73279
 UCL = 48.19938

Number beyond limits = 22
 Number violating runs = 17

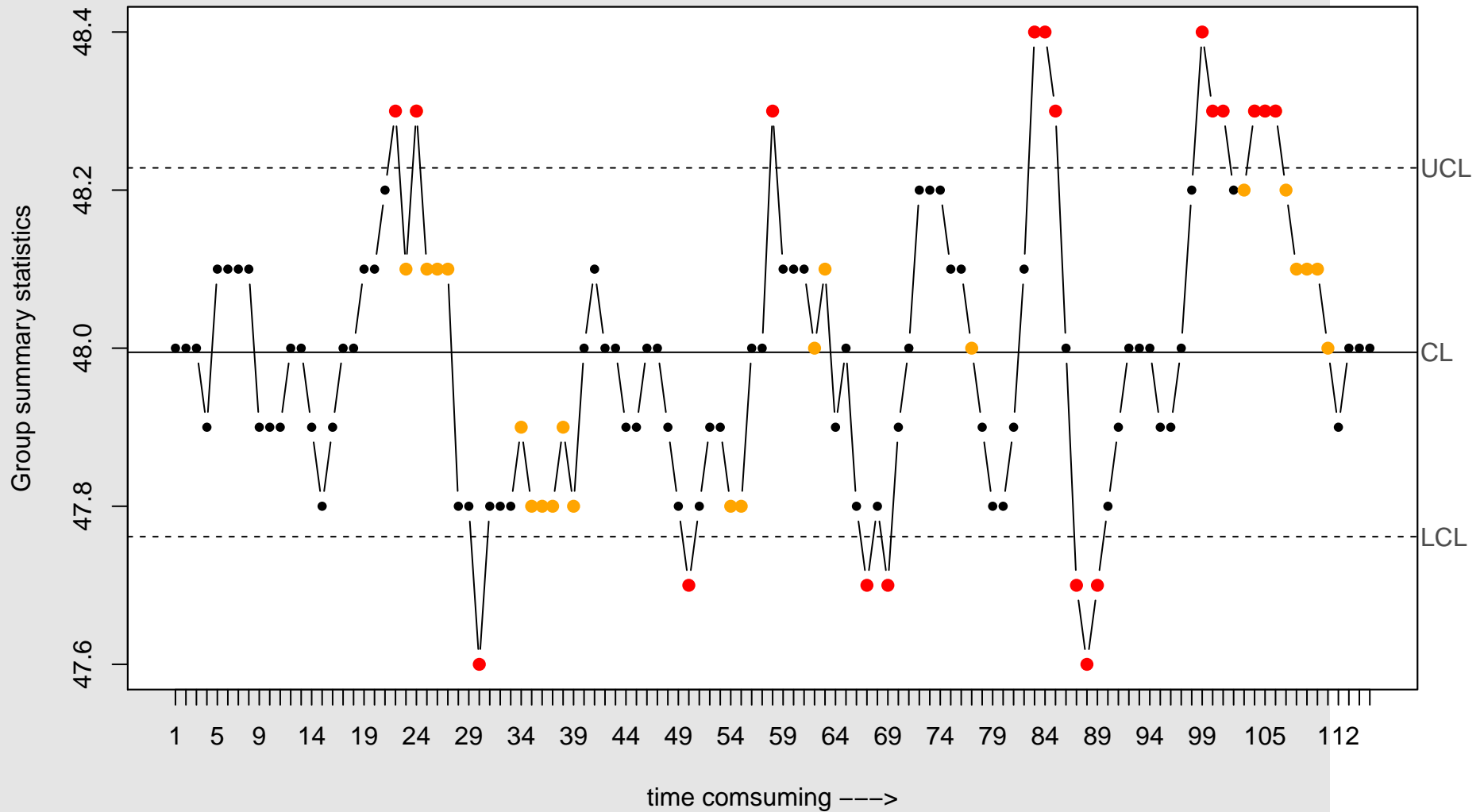


Number of groups = 115
Center = 47.97826
StdDev = 0.0684335

LCL = 47.77296
UCL = 48.18356

Number beyond limits = 23
Number violating runs = 26

296th column point of this product



Number of groups = 115

Center = 47.99478

StdDev = 0.07776534

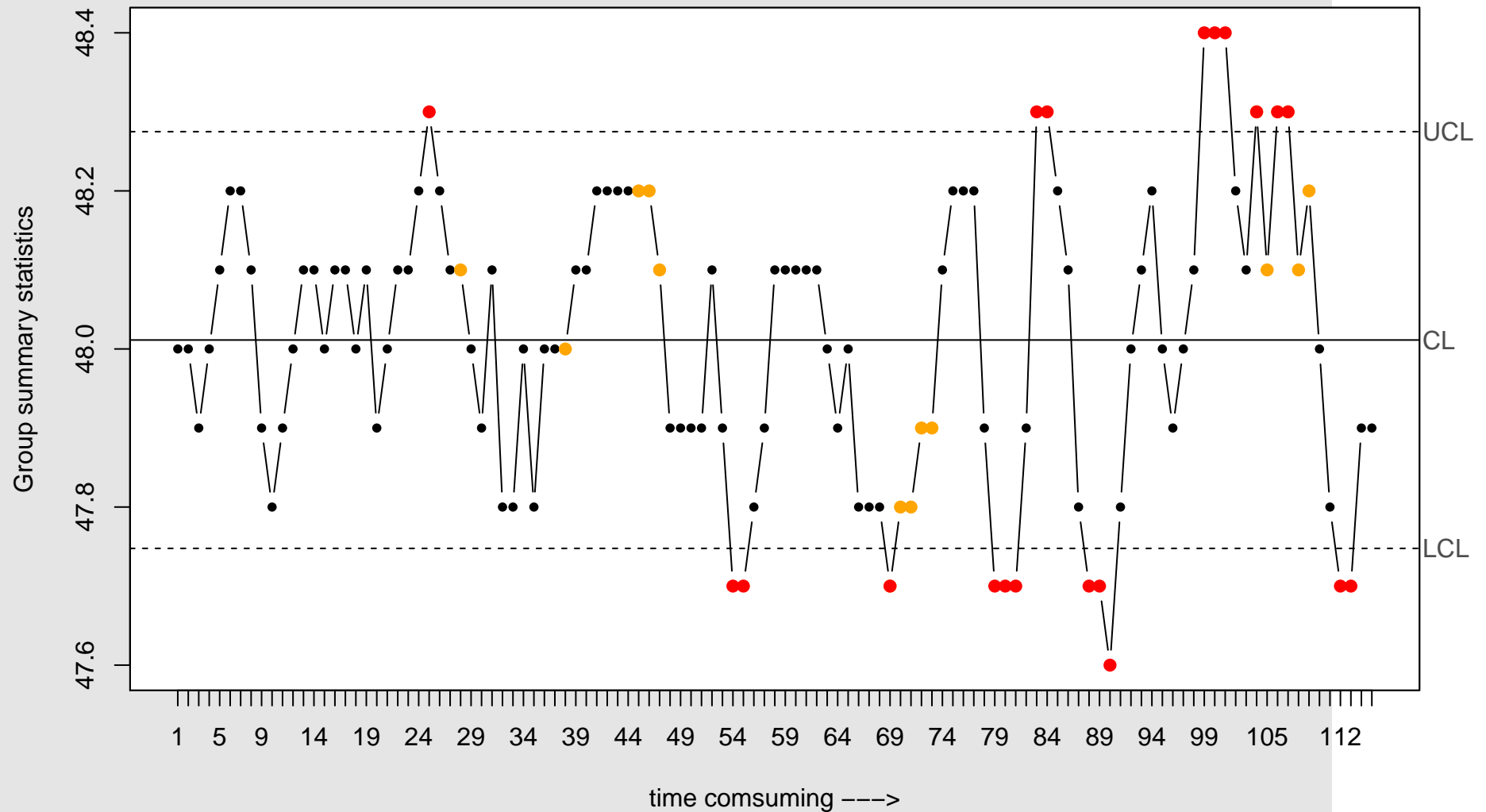
LCL = 47.76149

UCL = 48.22808

Number beyond limits = 19

Number violating runs = 25

297th column point of this product

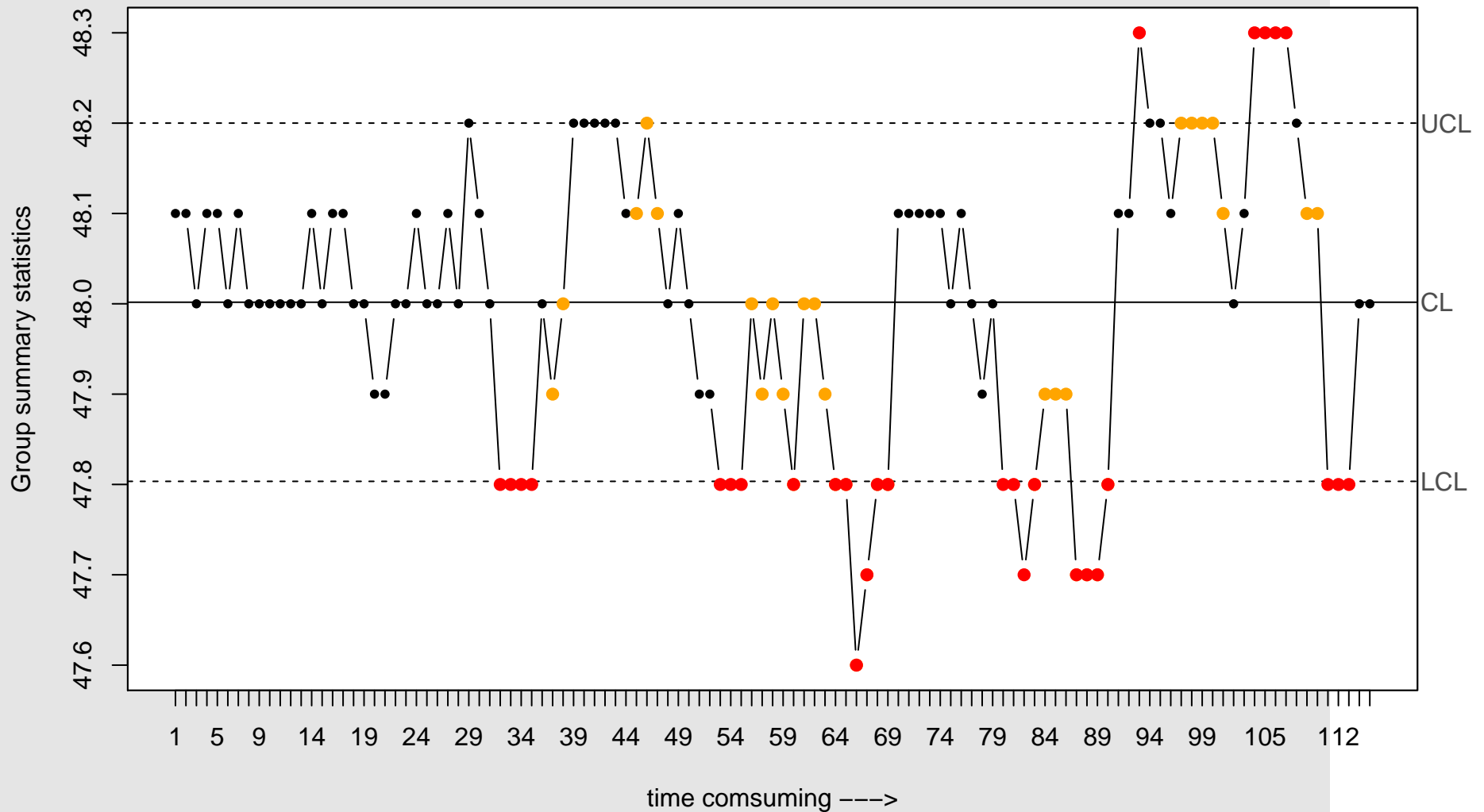


Number of groups = 115
 Center = 48.0113
 StdDev = 0.08787483

LCL = 47.74768
 UCL = 48.27493

Number beyond limits = 20
 Number violating runs = 16

298th column point of this product



Number of groups = 115

Center = 48.00174

StdDev = 0.06610054

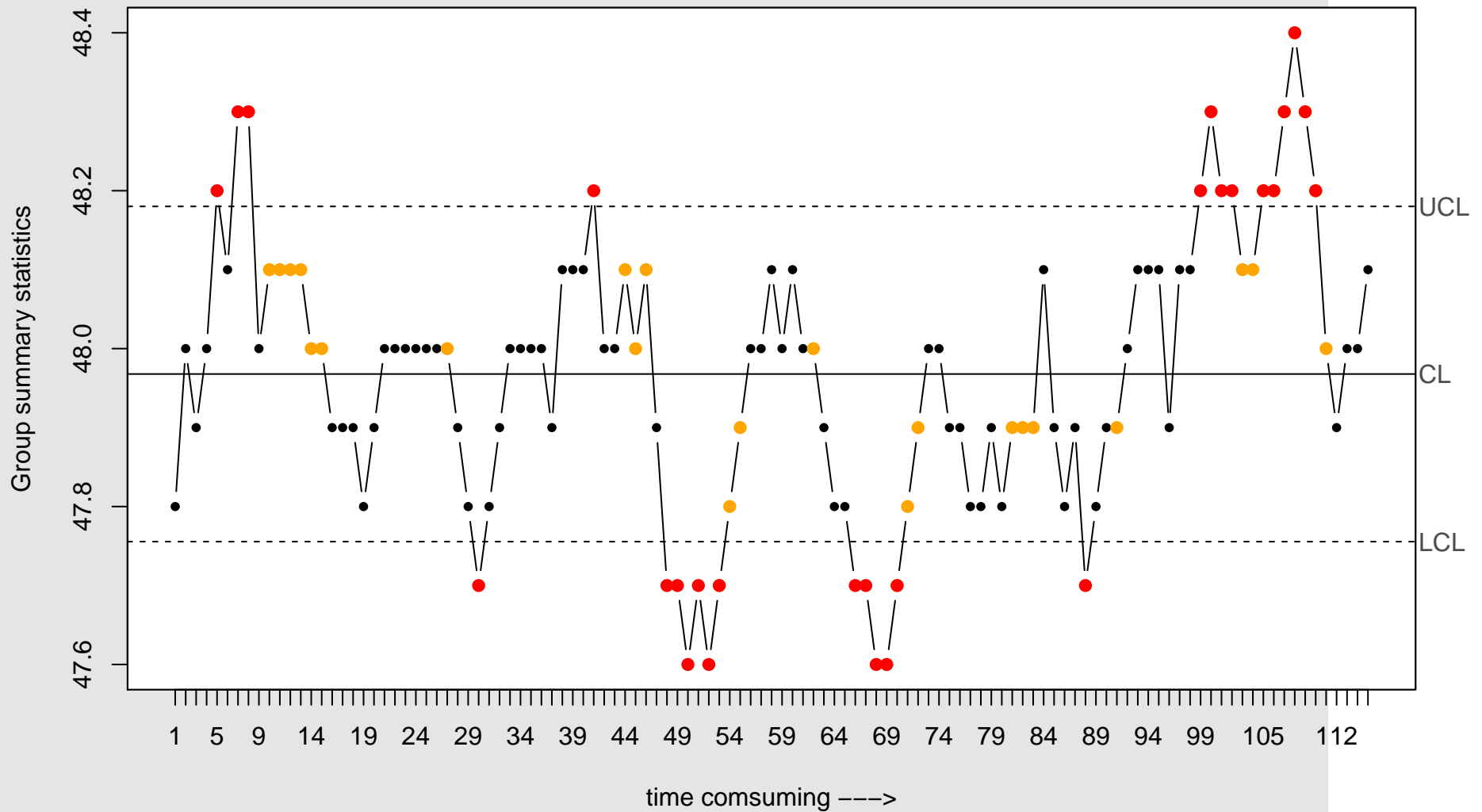
LCL = 47.80344

UCL = 48.20004

Number beyond limits = 30

Number violating runs = 34

299th column point of this product



Number of groups = 115

Center = 47.96783

StdDev = 0.07076646

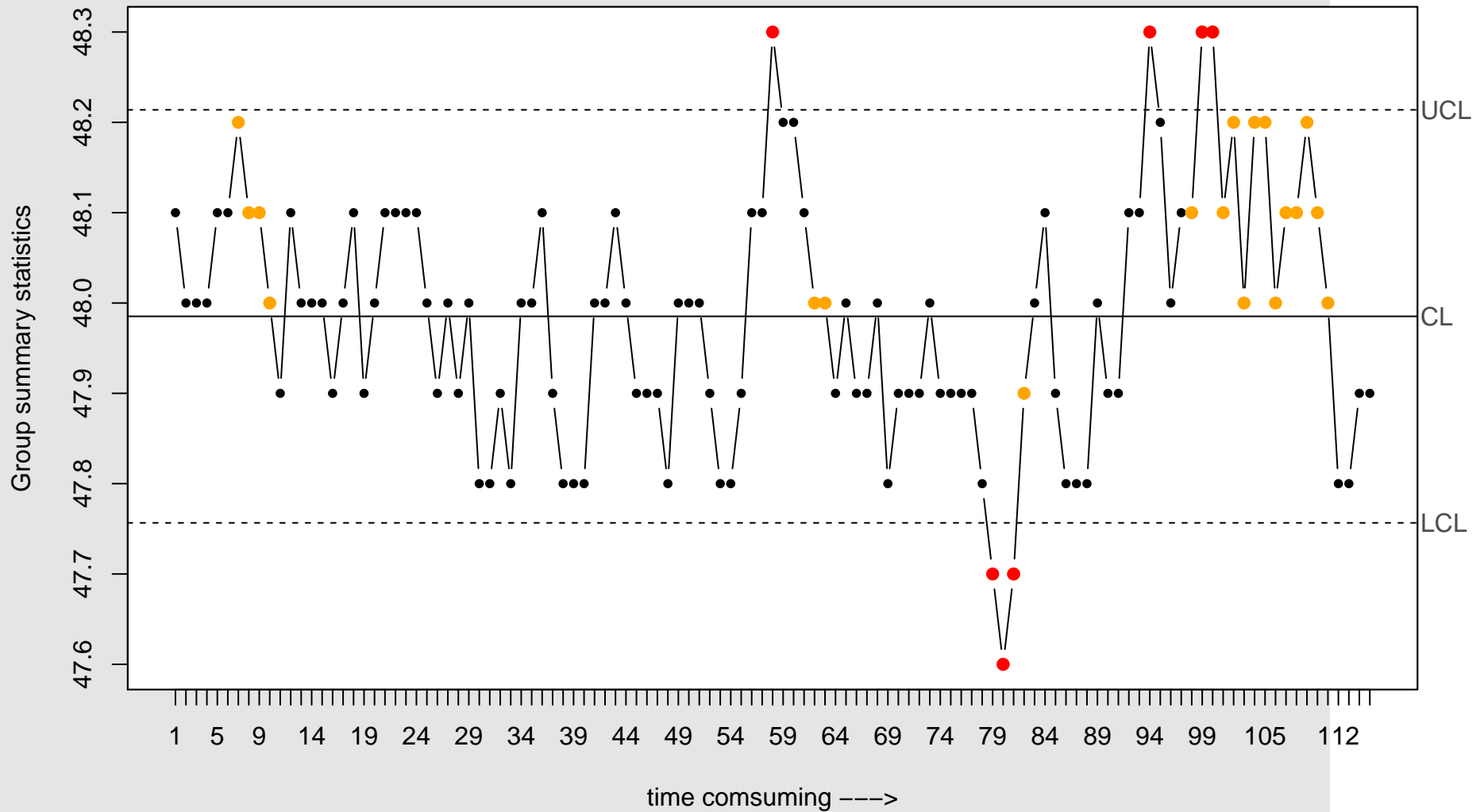
LCL = 47.75553

UCL = 48.18013

Number beyond limits = 27

Number violating runs = 31

300th column point of this product

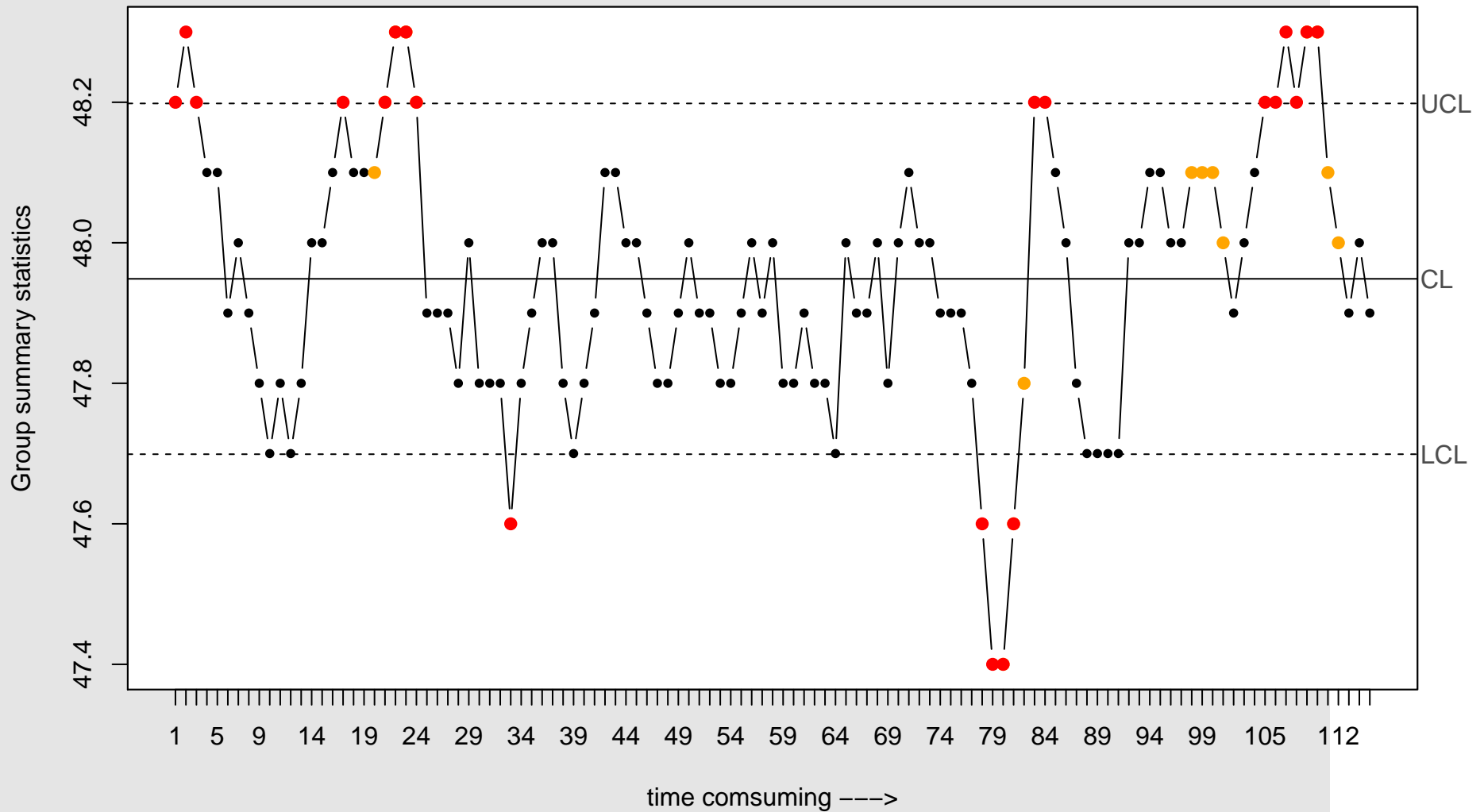


Number of groups = 115
 Center = 47.98522
 StdDev = 0.07621003

LCL = 47.75659
 UCL = 48.21385

Number beyond limits = 7
 Number violating runs = 23

301th column point of this product

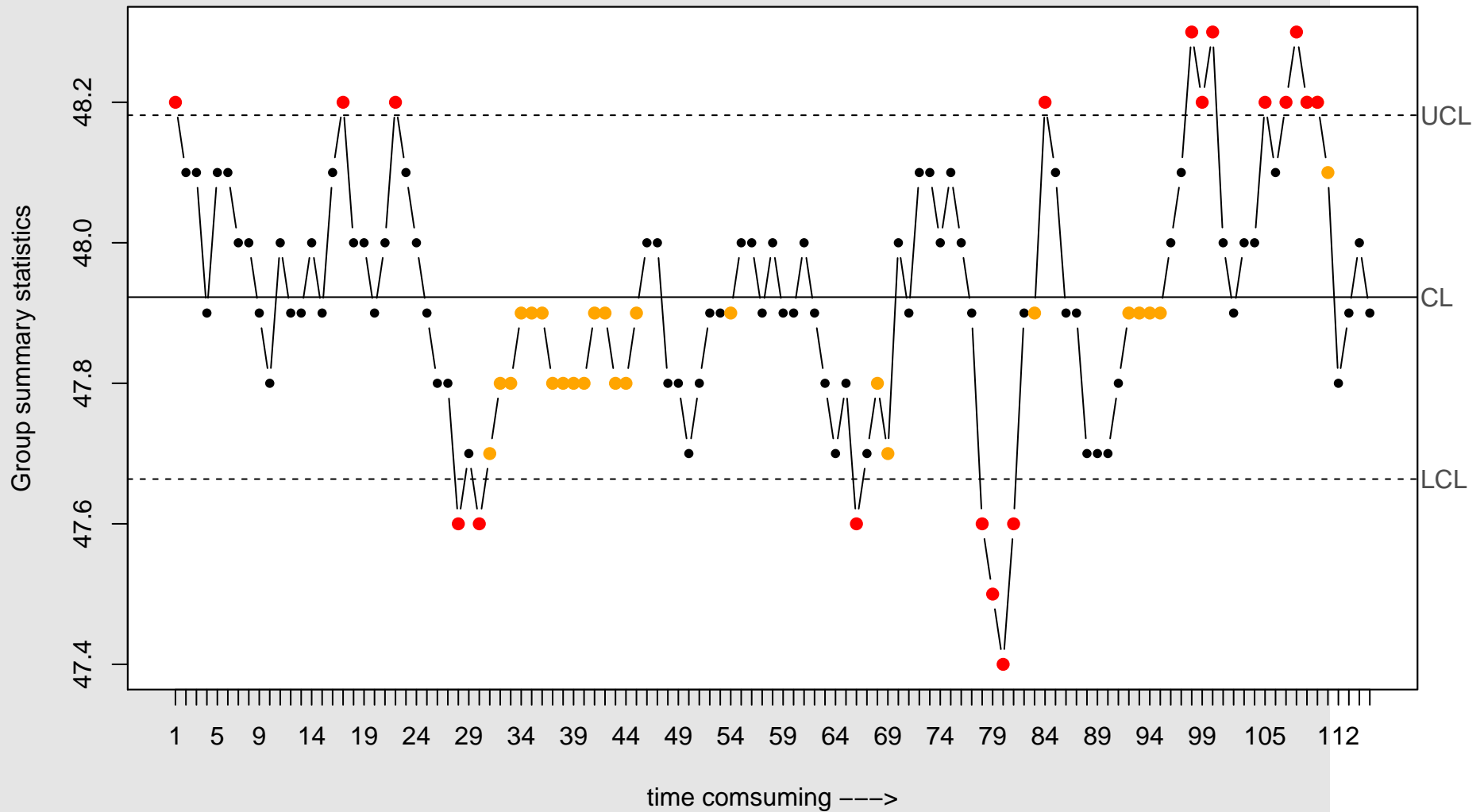


Number of groups = 115
 Center = 47.9487
 StdDev = 0.08320891

LCL = 47.69907
 UCL = 48.19832

Number beyond limits = 21
 Number violating runs = 16

302th column point of this product

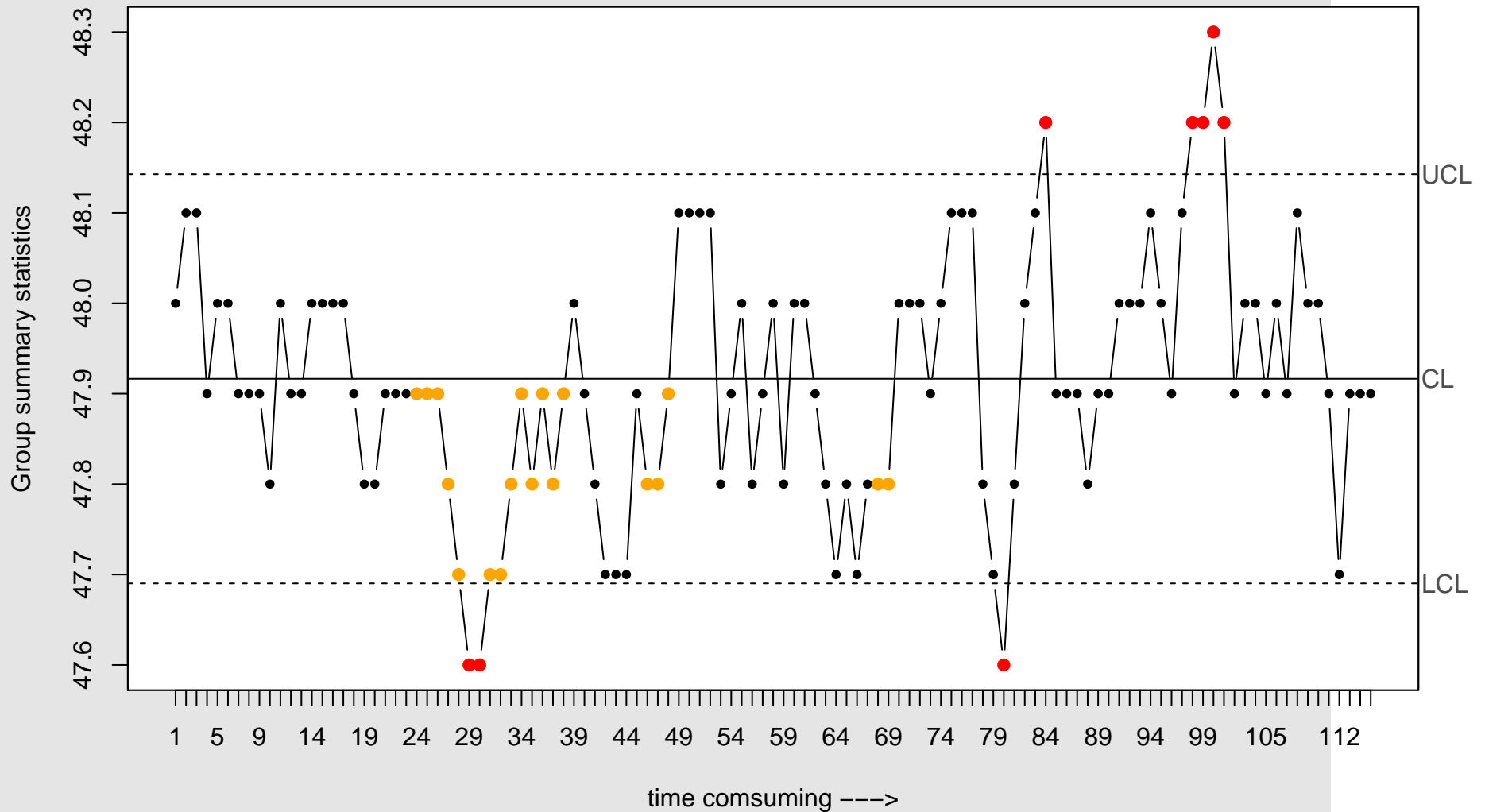


Number of groups = 115
 Center = 47.92261
 StdDev = 0.08631952

LCL = 47.66365
 UCL = 48.18157

Number beyond limits = 19
 Number violating runs = 26

303th column point of this product

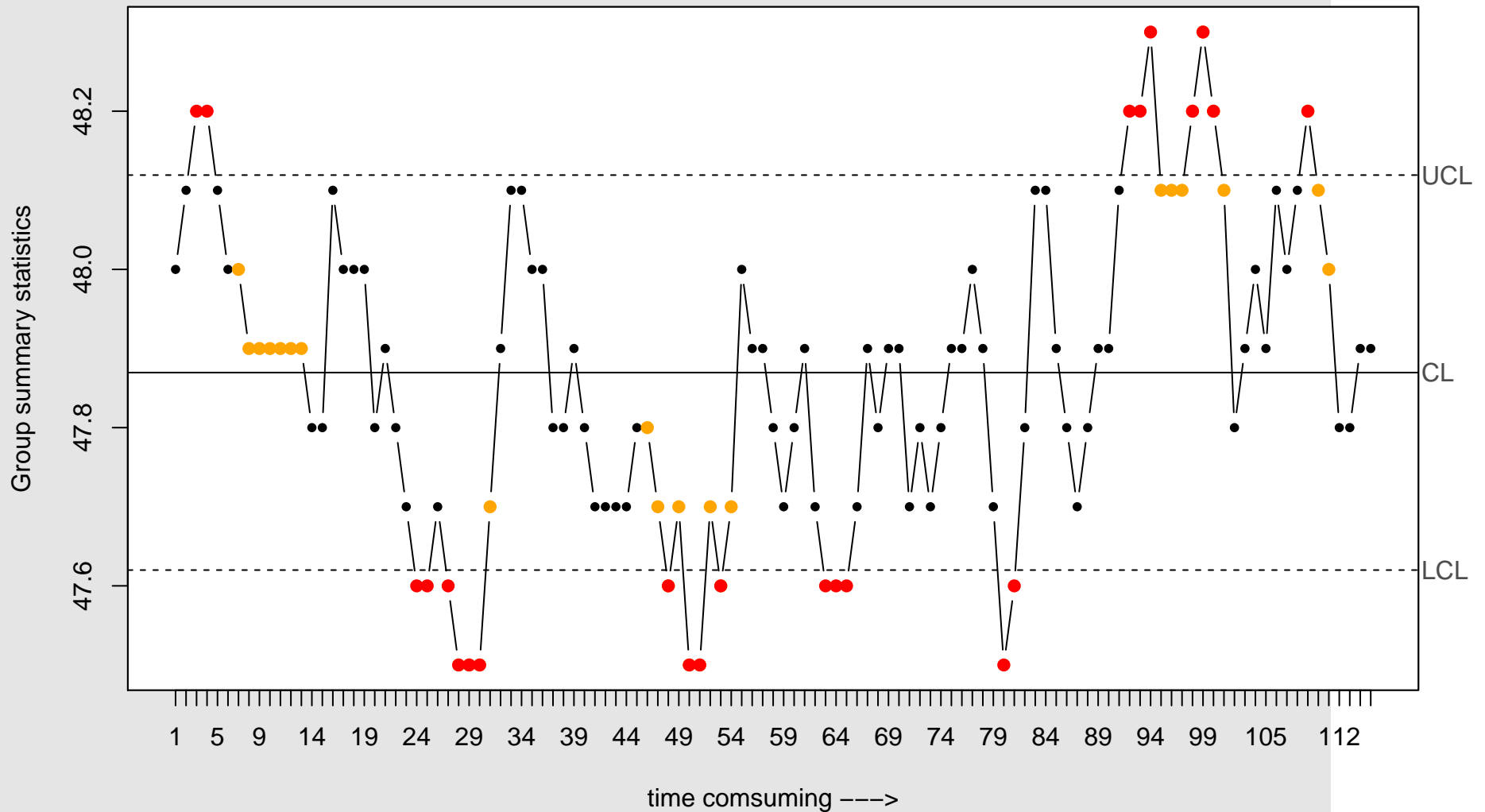


Number of groups = 115
 Center = 47.91652
 StdDev = 0.07543238

LCL = 47.69022
 UCL = 48.14282

Number beyond limits = 8
 Number violating runs = 20

304th column point of this product



Number of groups = 115

Center = 47.86957

StdDev = 0.08320891

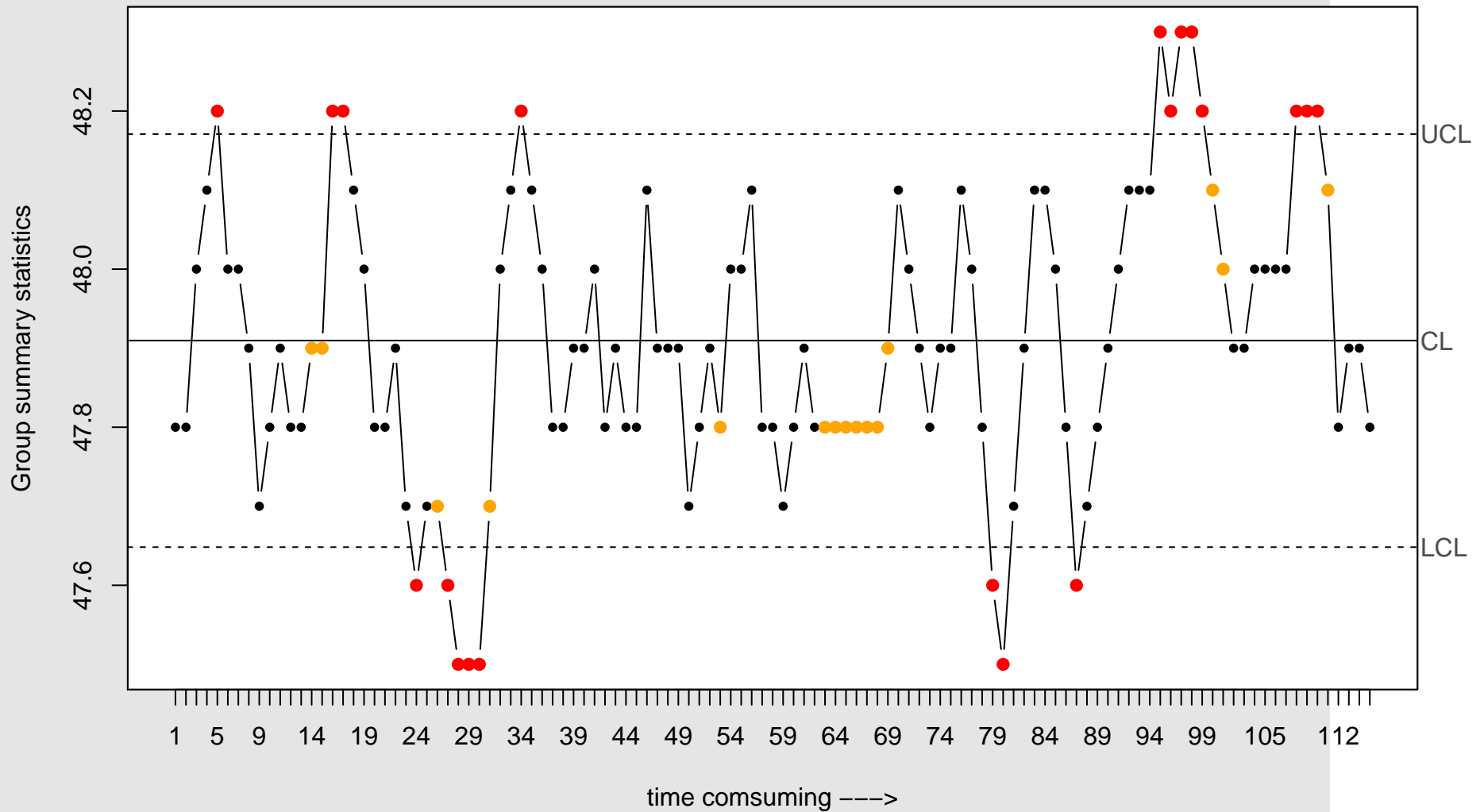
LCL = 47.61994

UCL = 48.11919

Number beyond limits = 24

Number violating runs = 30

305th column point of this product

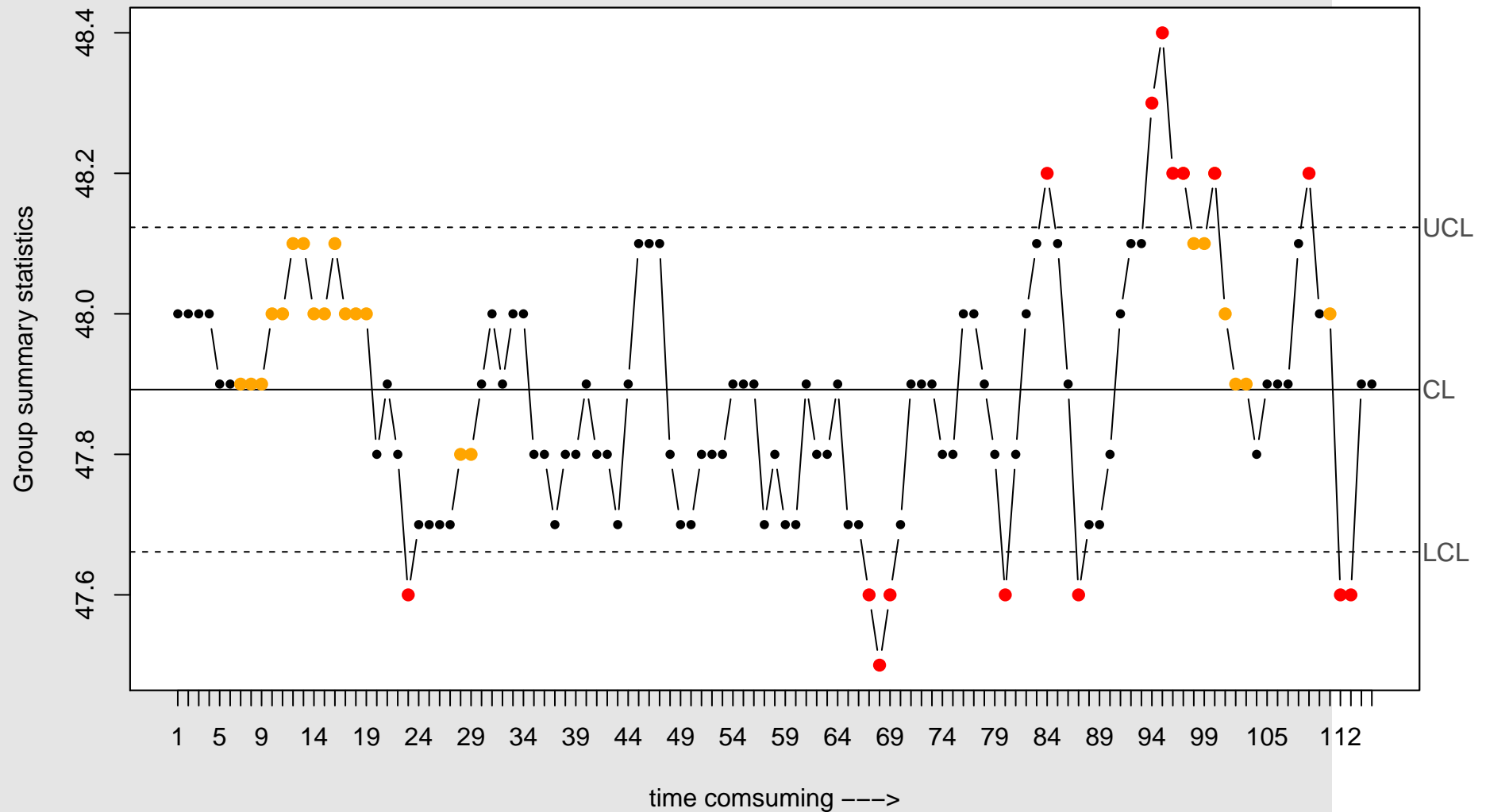


Number of groups = 115
 Center = 47.90957
 StdDev = 0.08709718

LCL = 47.64827
 UCL = 48.17086

Number beyond limits = 20
 Number violating runs = 23

306th column point of this product

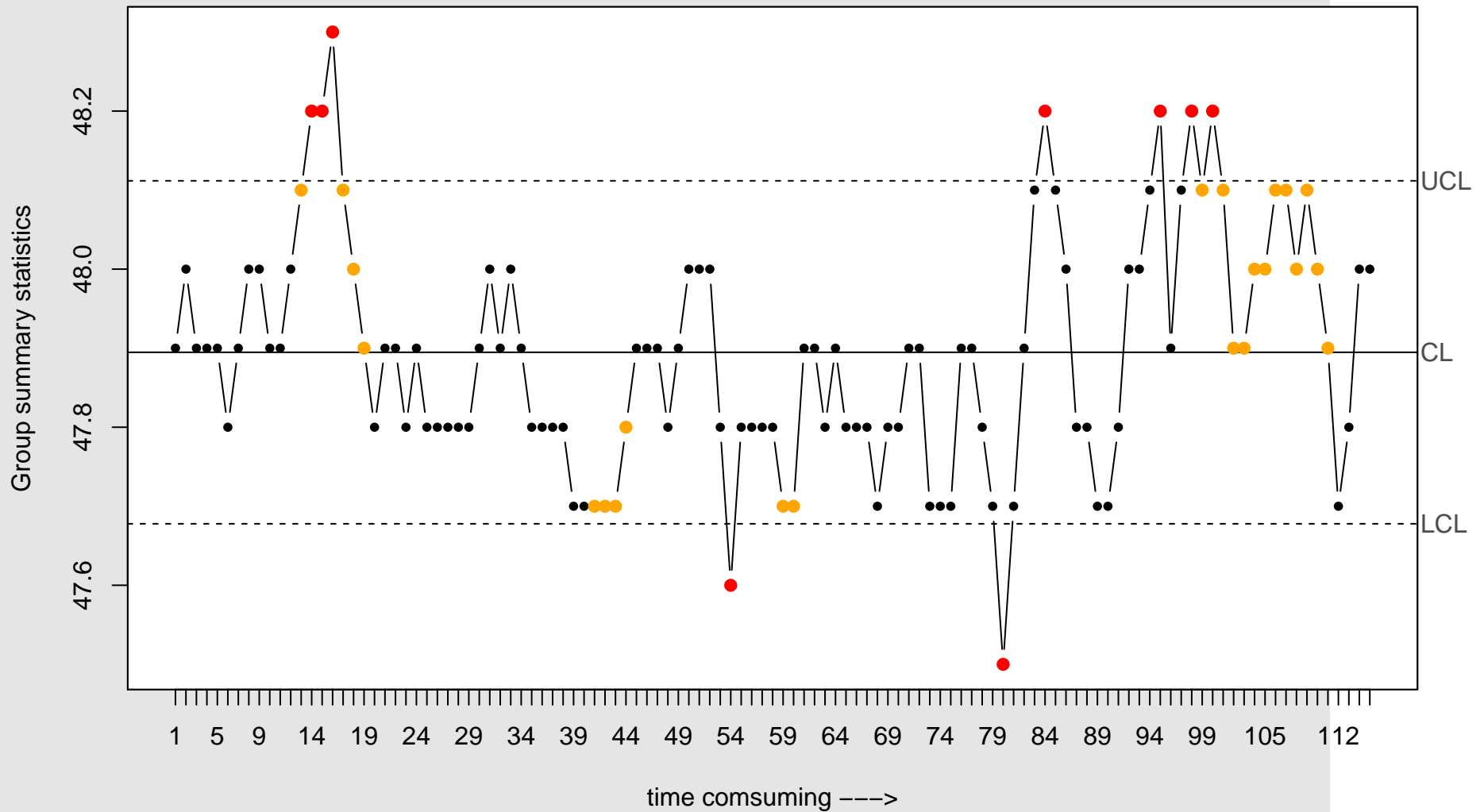


Number of groups = 115
 Center = 47.89217
 StdDev = 0.07698768

LCL = 47.66121
 UCL = 48.12314

Number beyond limits = 15
 Number violating runs = 23

307th column point of this product

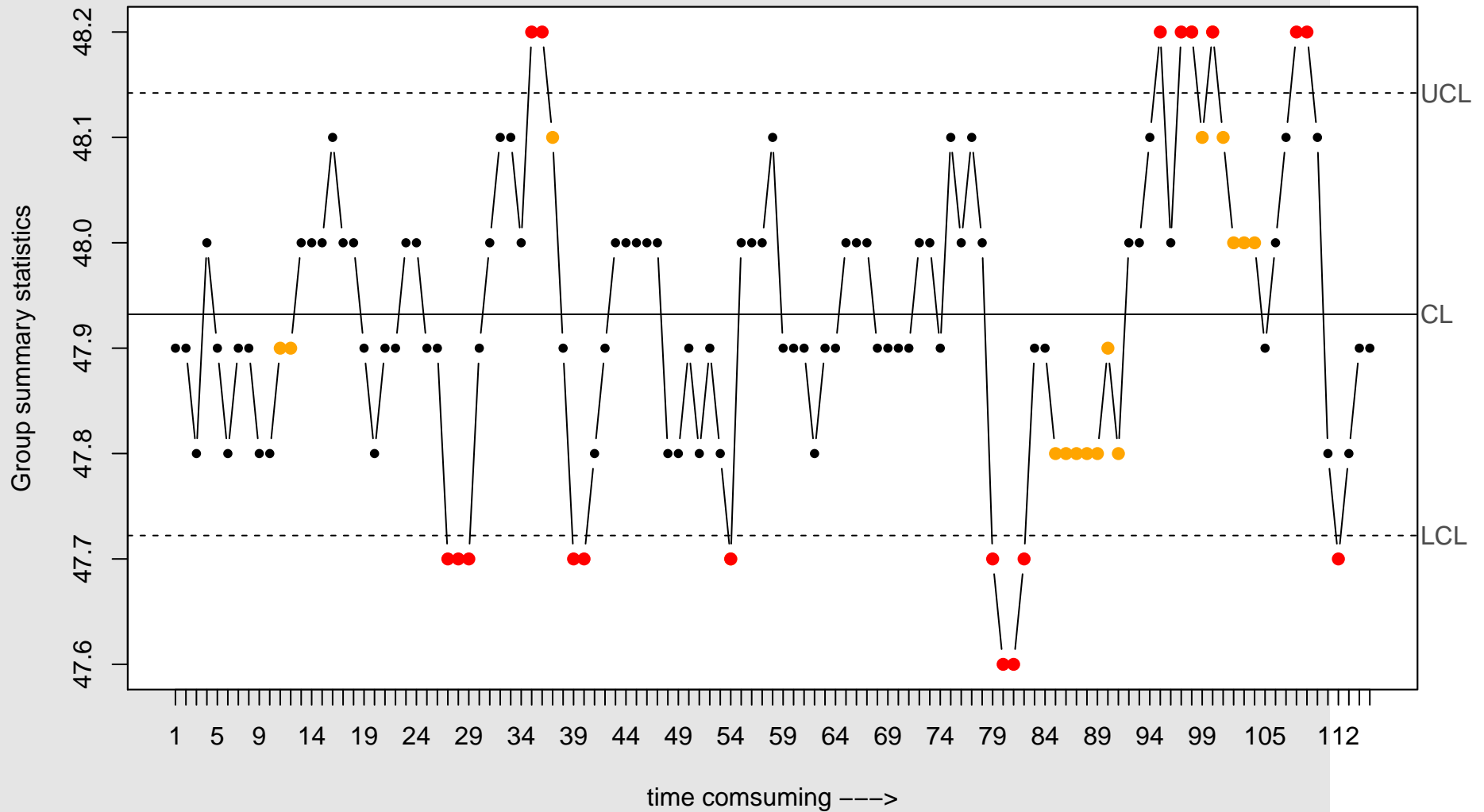


Number of groups = 115
 Center = 47.89478
 StdDev = 0.07232176

LCL = 47.67782
 UCL = 48.11175

Number beyond limits = 9
 Number violating runs = 27

308th column point of this product



Number of groups = 115

Center = 47.93217

StdDev = 0.0699888

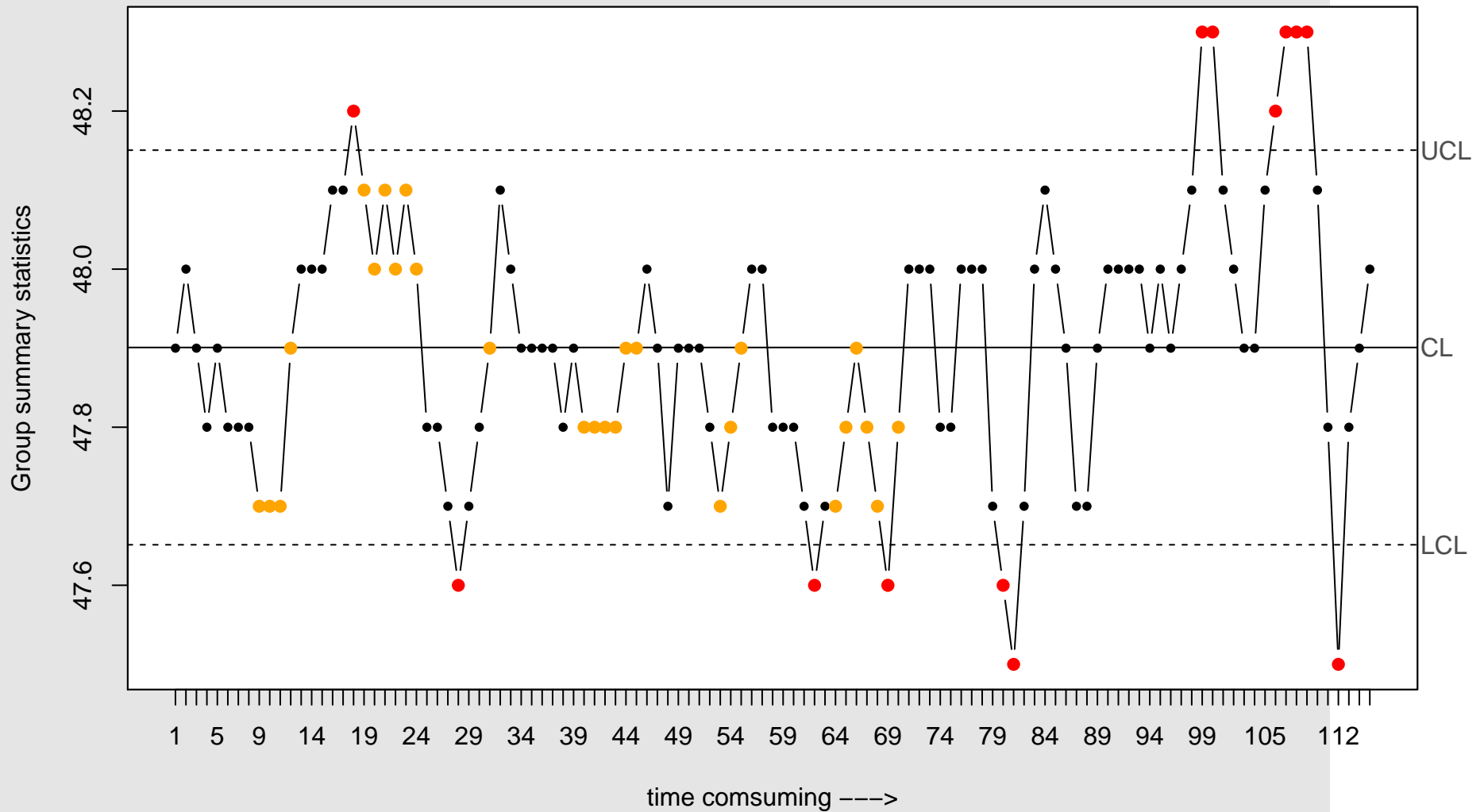
LCL = 47.72221

UCL = 48.14214

Number beyond limits = 19

Number violating runs = 18

309th column point of this product

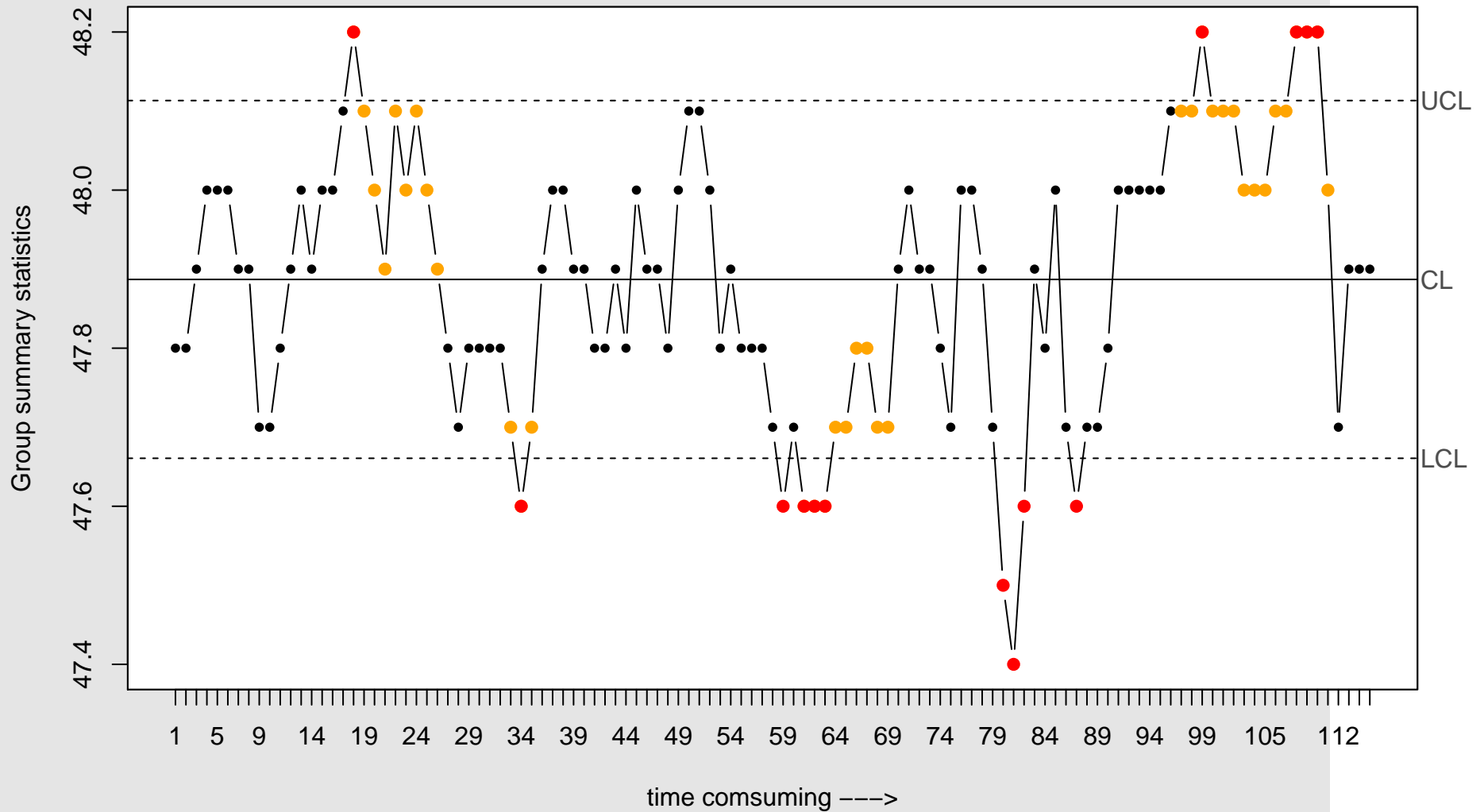


Number of groups = 115
 Center = 47.90087
 StdDev = 0.08320891

LCL = 47.65124
 UCL = 48.1505

Number beyond limits = 13
 Number violating runs = 27

310th column point of this product

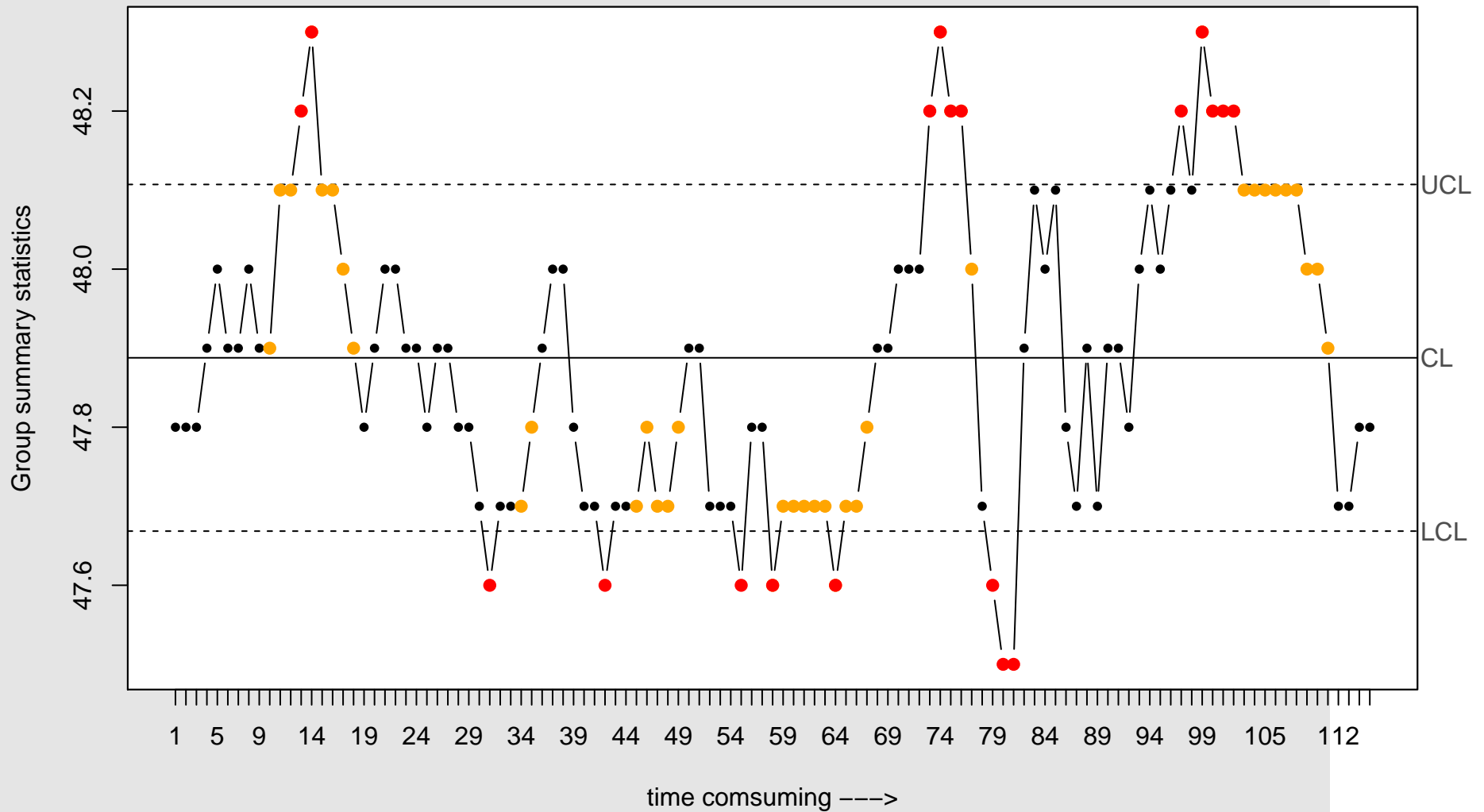


Number of groups = 115
 Center = 47.88696
 StdDev = 0.07543238

LCL = 47.66066
 UCL = 48.11325

Number beyond limits = 14
 Number violating runs = 36

311th column point of this product

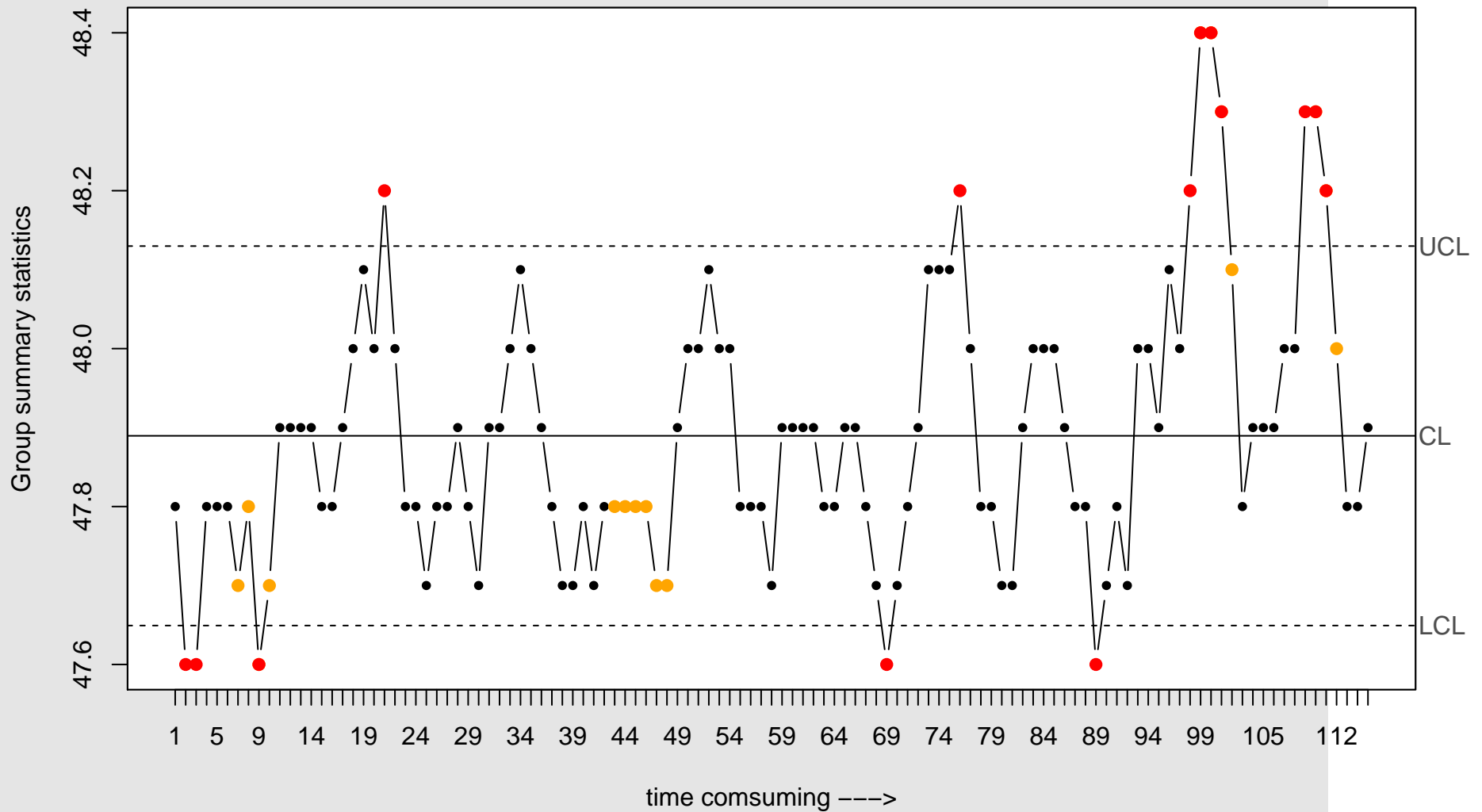


Number of groups = 115
 Center = 47.88783
 StdDev = 0.07309942

LCL = 47.66853
 UCL = 48.10712

Number beyond limits = 19
 Number violating runs = 43

312th column point of this product



Number of groups = 115

Center = 47.88957

StdDev = 0.0800983

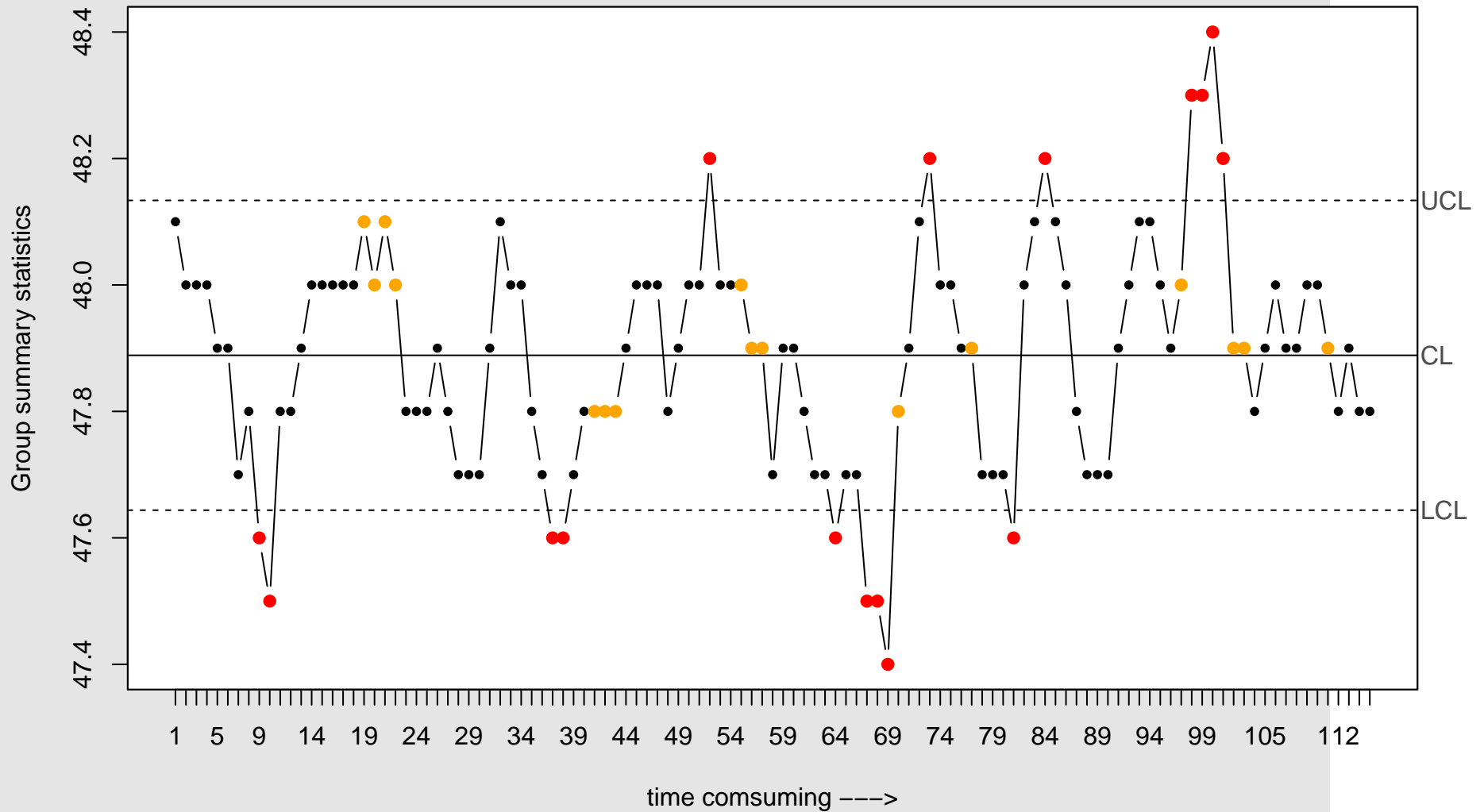
LCL = 47.64927

UCL = 48.12986

Number beyond limits = 14

Number violating runs = 17

313th column point of this product



Number of groups = 115

Center = 47.8887

StdDev = 0.0816536

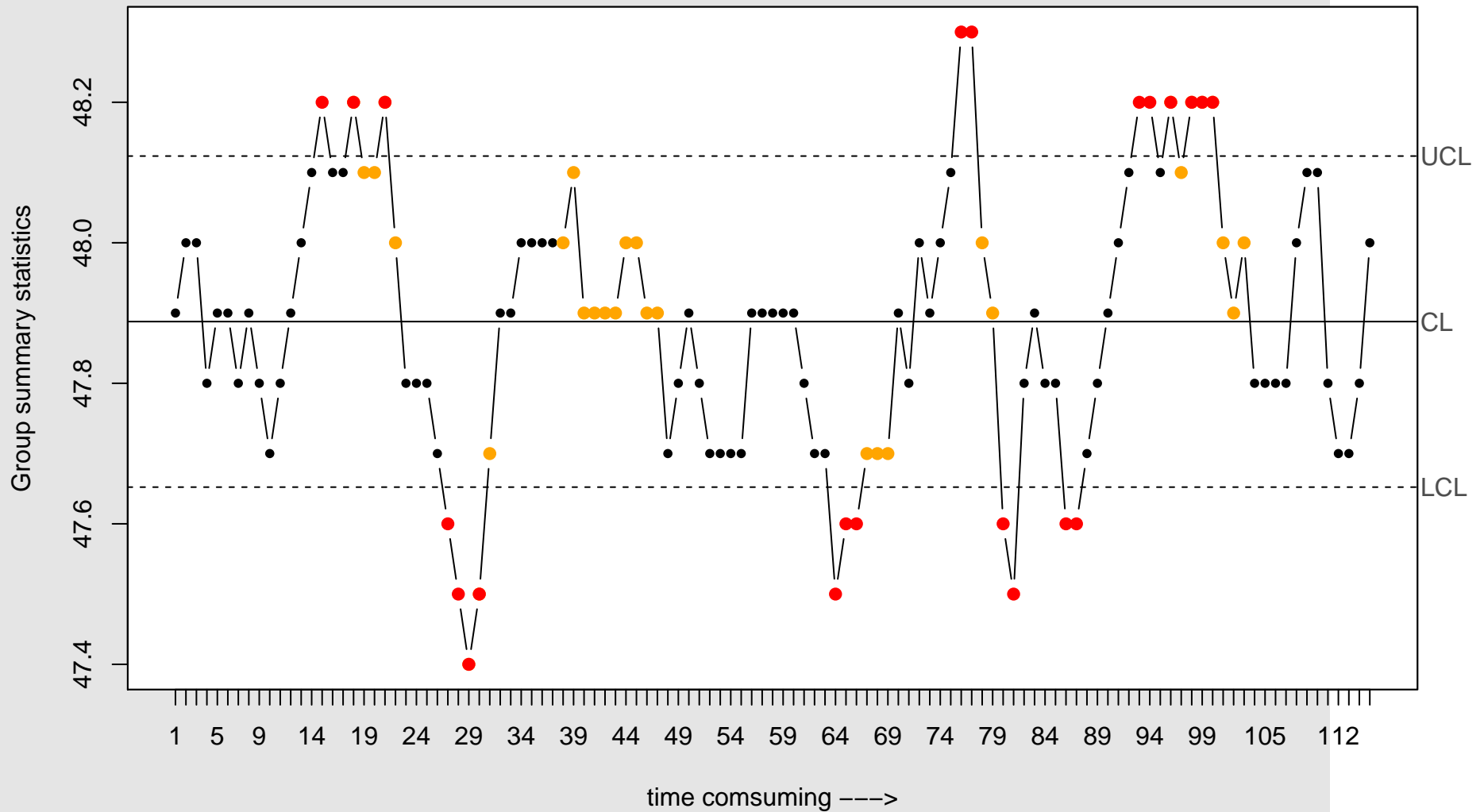
LCL = 47.64373

UCL = 48.13366

Number beyond limits = 16

Number violating runs = 23

314th column point of this product

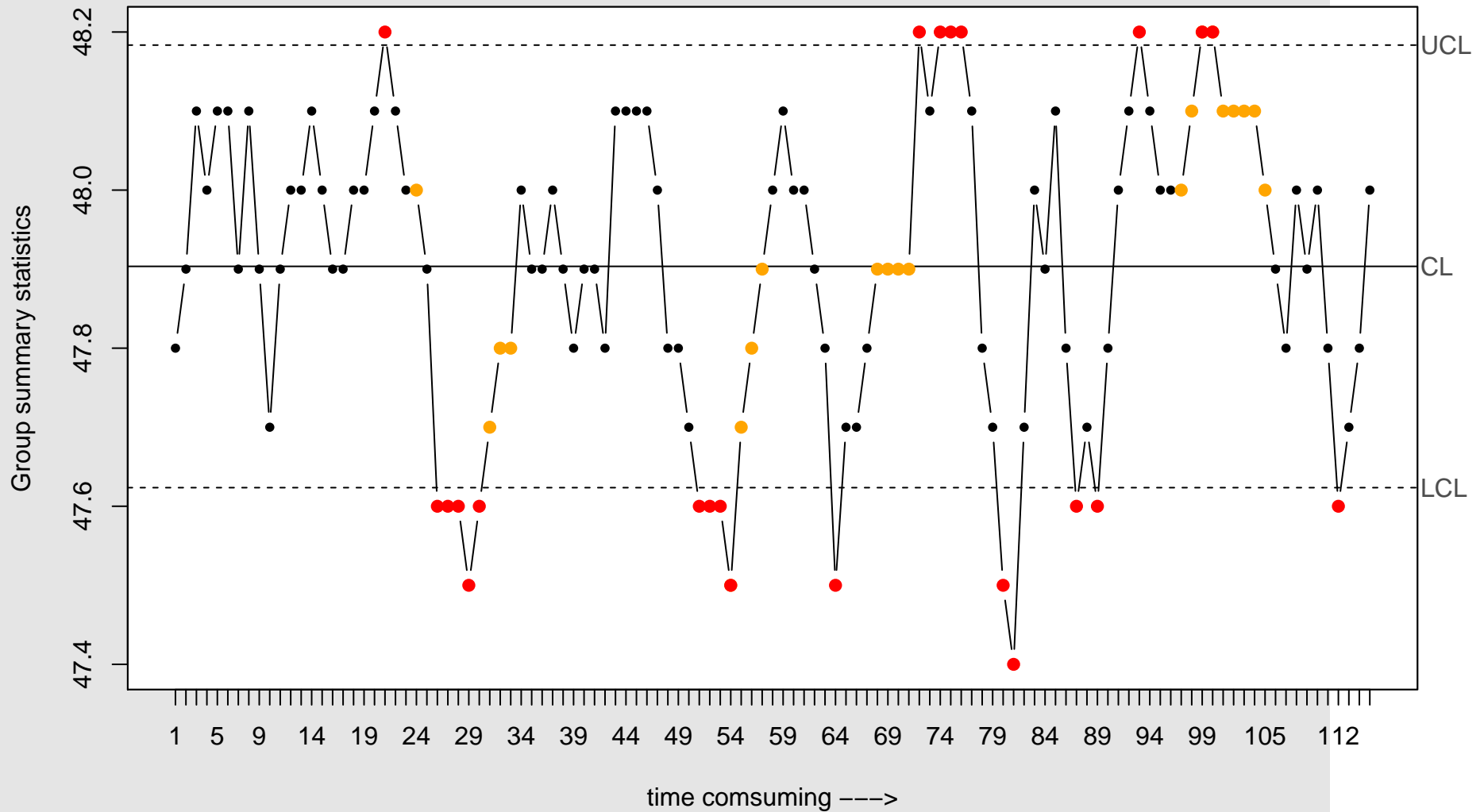


Number of groups = 115
 Center = 47.88783
 StdDev = 0.07854299

LCL = 47.6522
 UCL = 48.12346

Number beyond limits = 22
 Number violating runs = 31

315th column point of this product

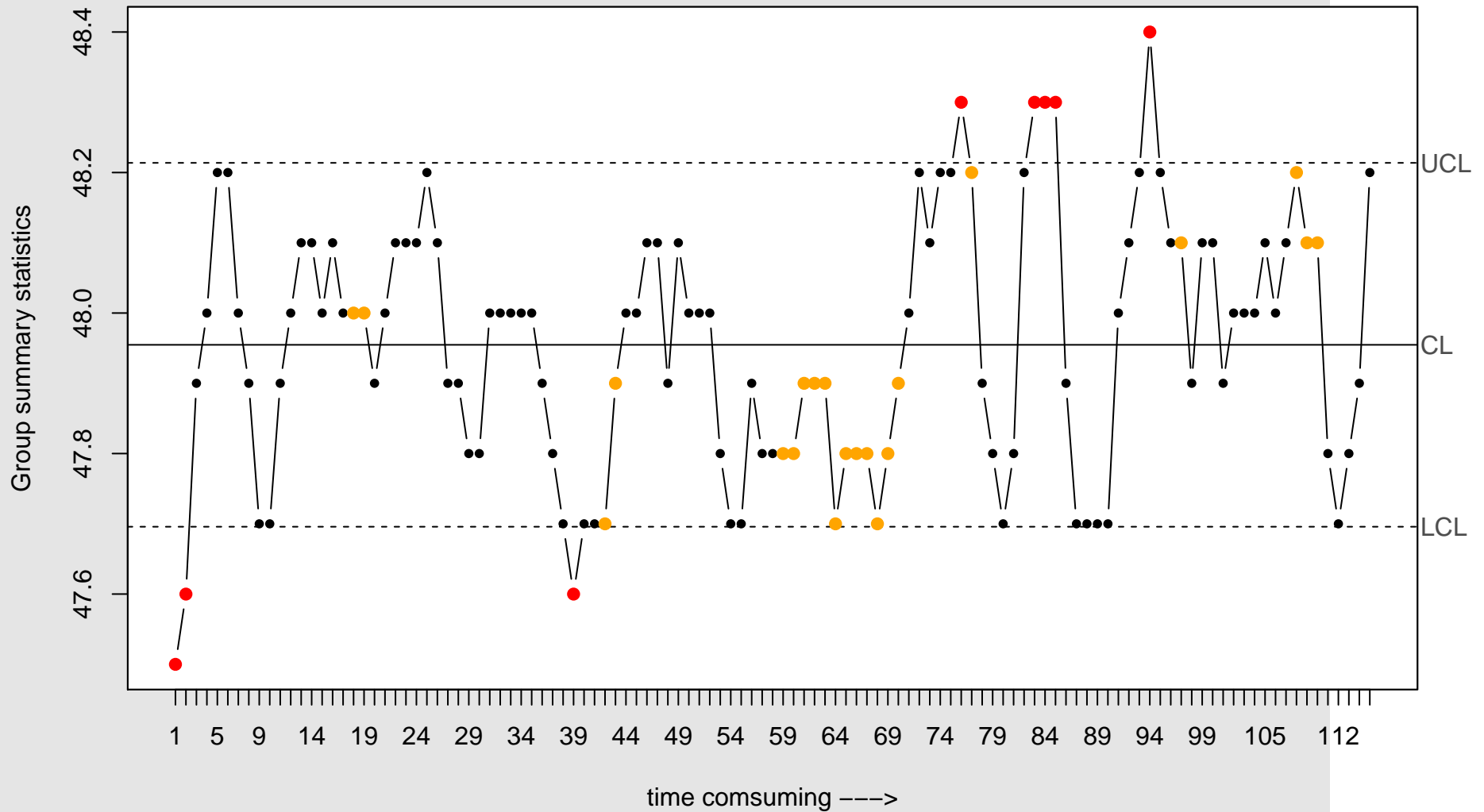


Number of groups = 115
Center = 47.90348
StdDev = 0.0933184

LCL = 47.62352
UCL = 48.18343

Number beyond limits = 23
Number violating runs = 21

316th column point of this product



Number of groups = 115

Center = 47.95478

StdDev = 0.08631952

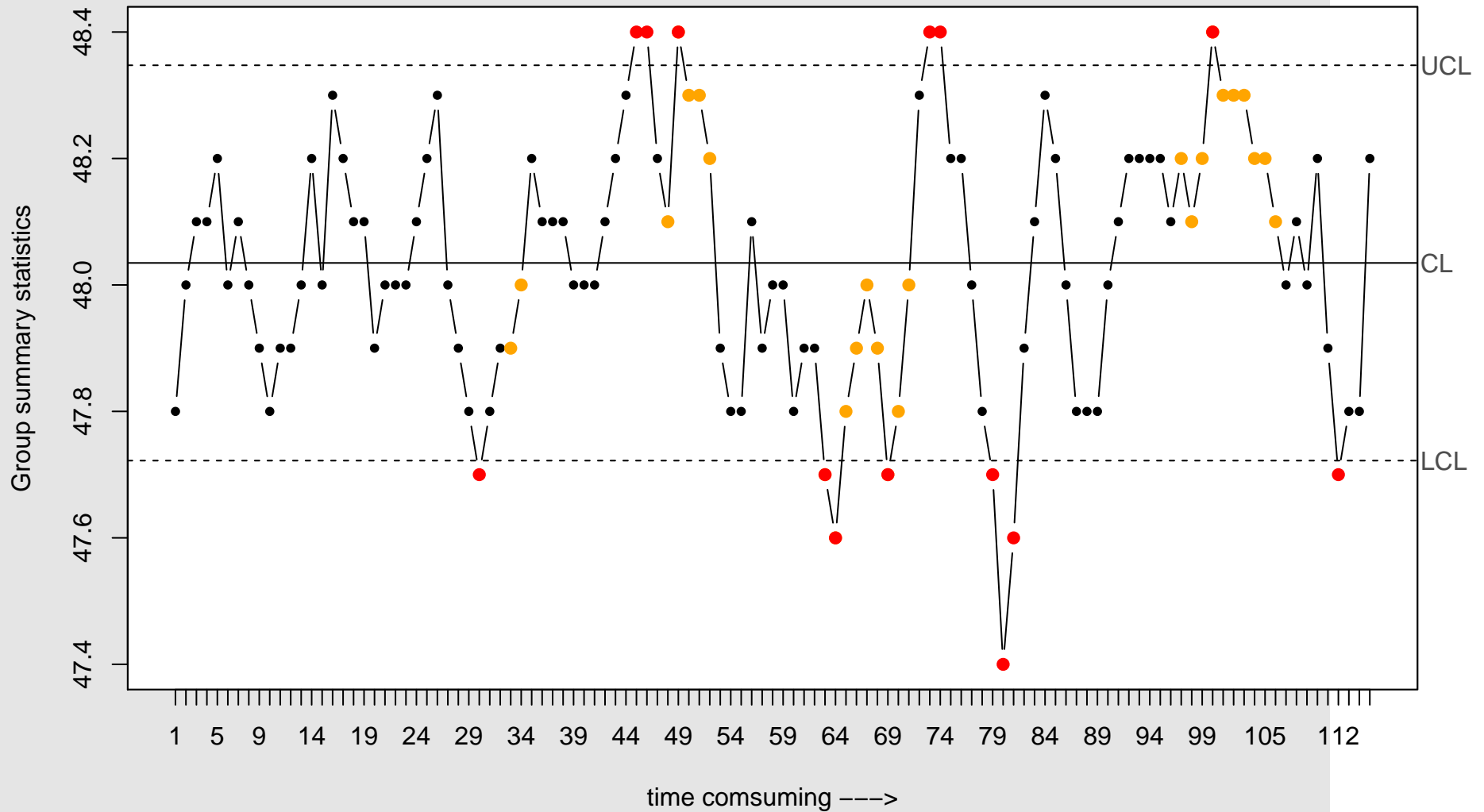
LCL = 47.69582

UCL = 48.21374

Number beyond limits = 8

Number violating runs = 21

317th column point of this product



Number of groups = 115

Center = 48.03478

StdDev = 0.1042055

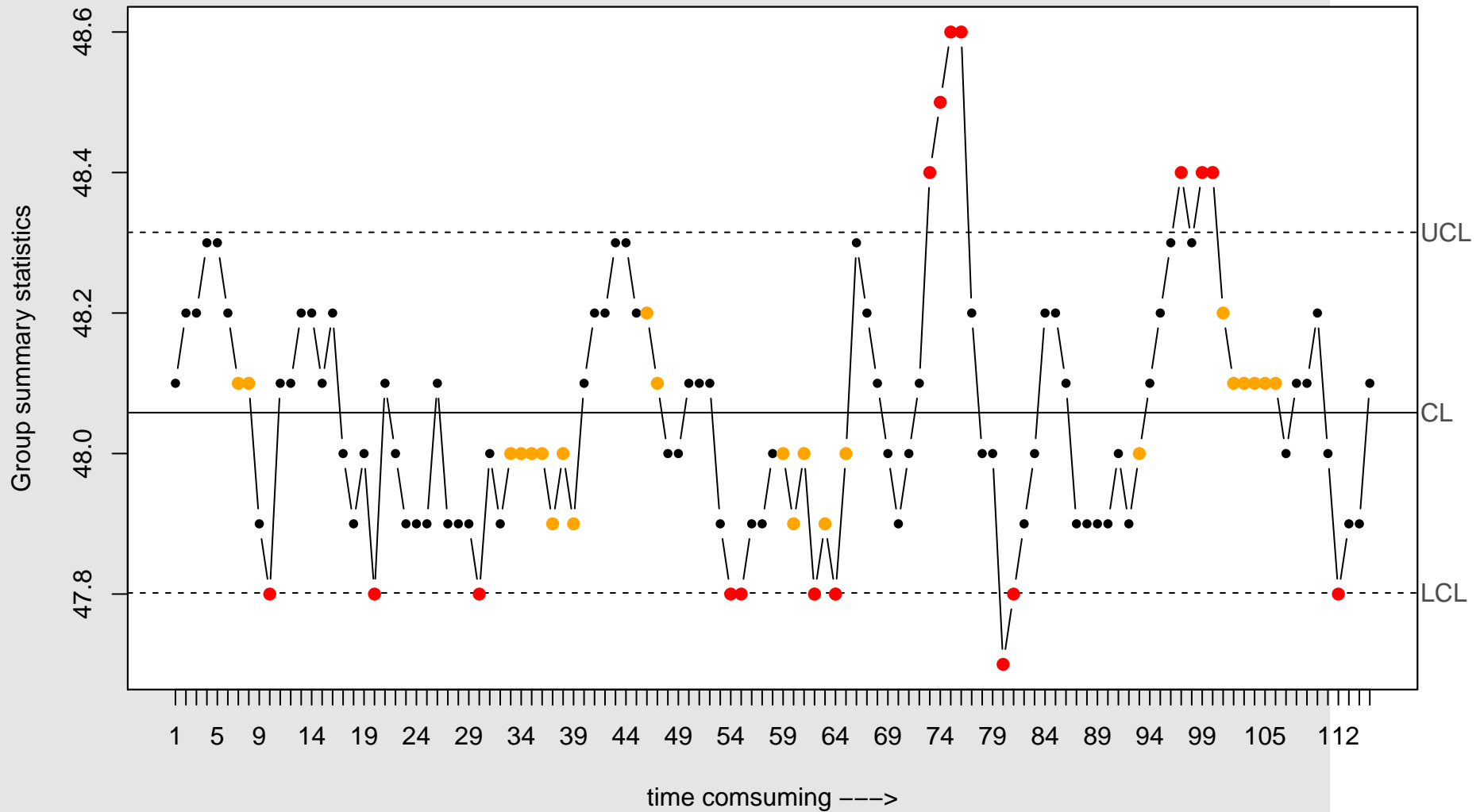
LCL = 47.72217

UCL = 48.3474

Number beyond limits = 14

Number violating runs = 26

318th column point of this product

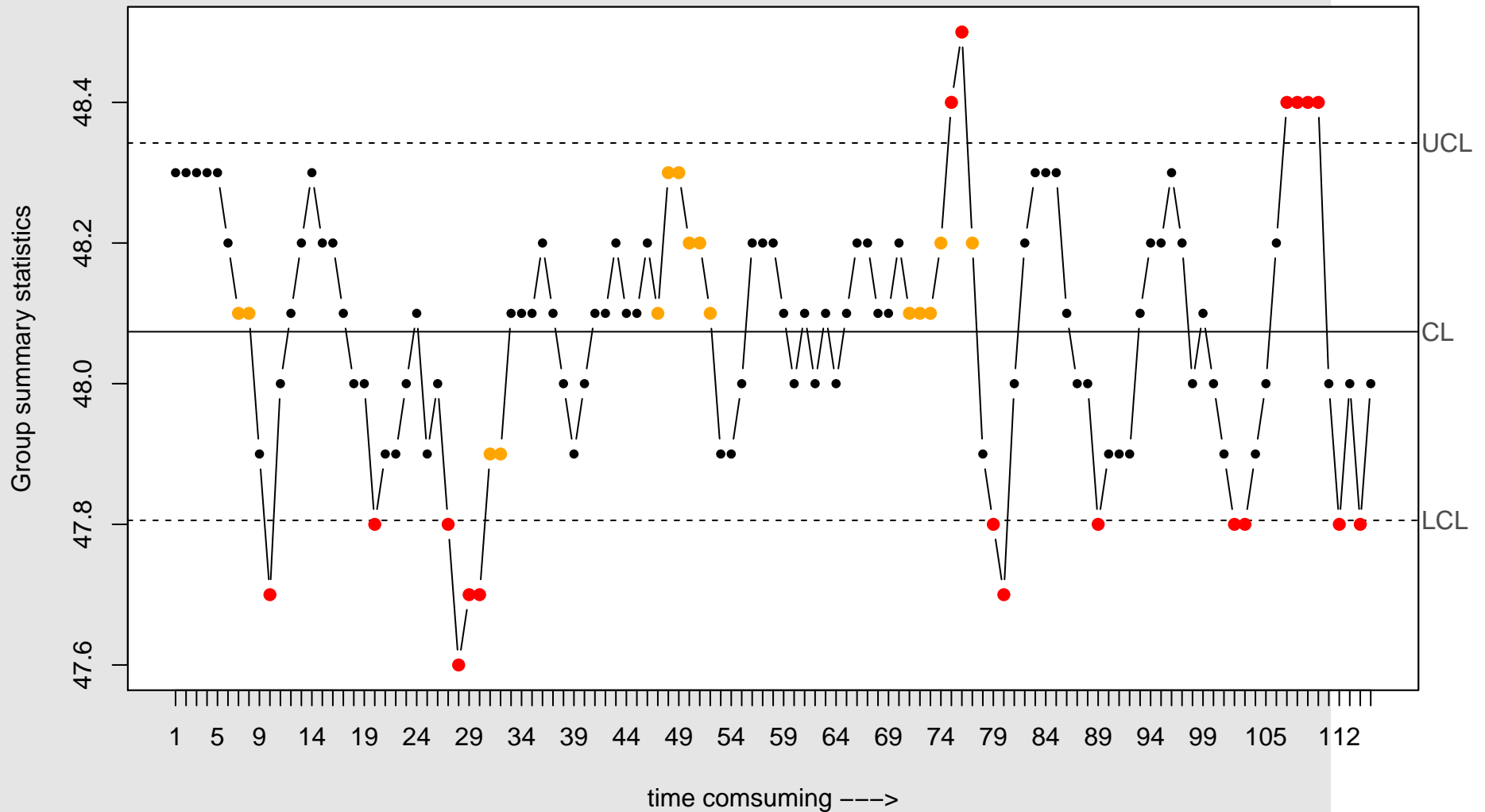


Number of groups = 115
 Center = 48.05826
 StdDev = 0.08554187

LCL = 47.80164
 UCL = 48.31489

Number beyond limits = 17
 Number violating runs = 26

319th column point of this product



Number of groups = 115

Center = 48.07391

StdDev = 0.08943014

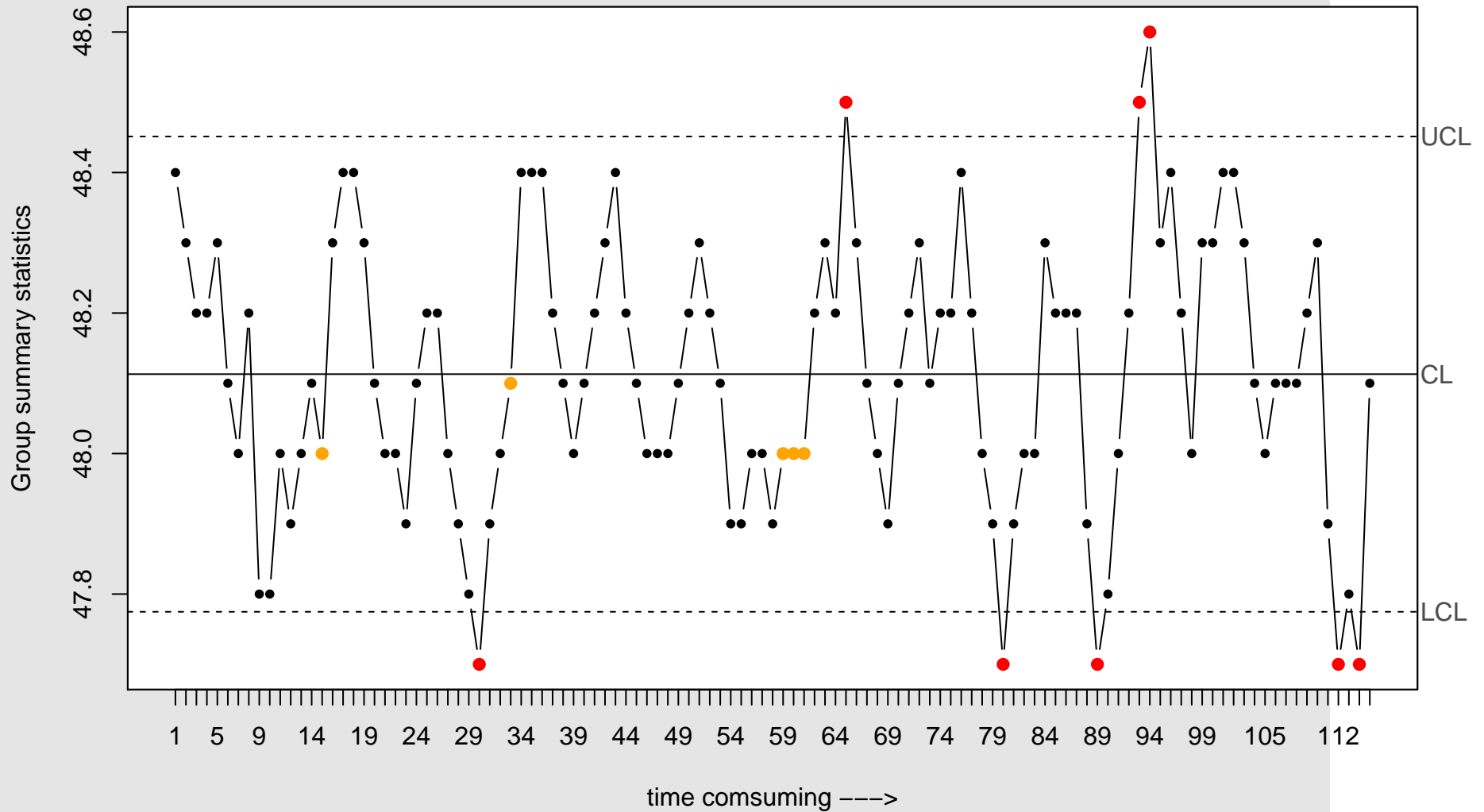
LCL = 47.80562

UCL = 48.3422

Number beyond limits = 19

Number violating runs = 17

320th column point of this product



Number of groups = 115

Center = 48.11304

StdDev = 0.1127597

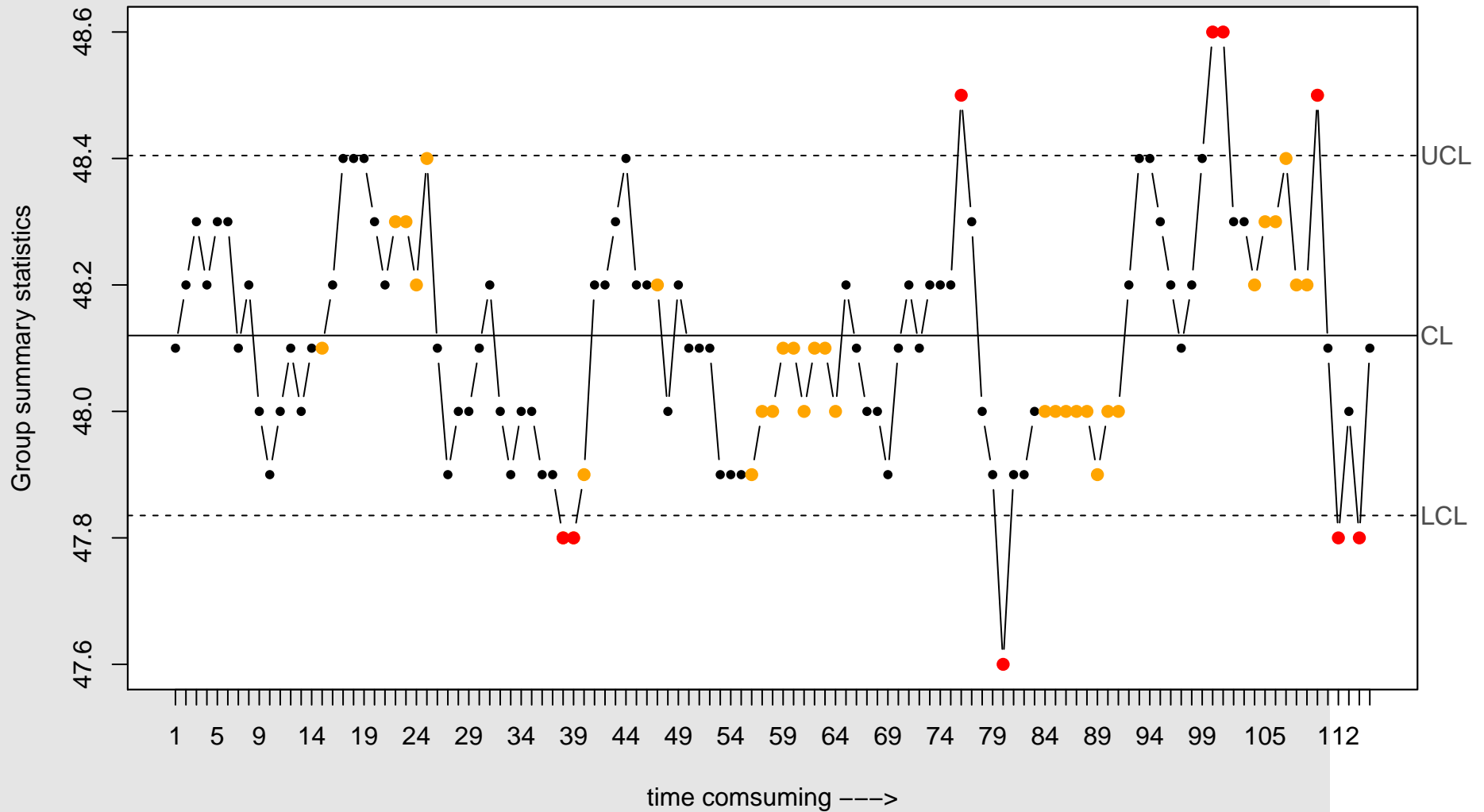
LCL = 47.77476

UCL = 48.45132

Number beyond limits = 8

Number violating runs = 5

321th column point of this product



Number of groups = 115

Center = 48.12

StdDev = 0.09487371

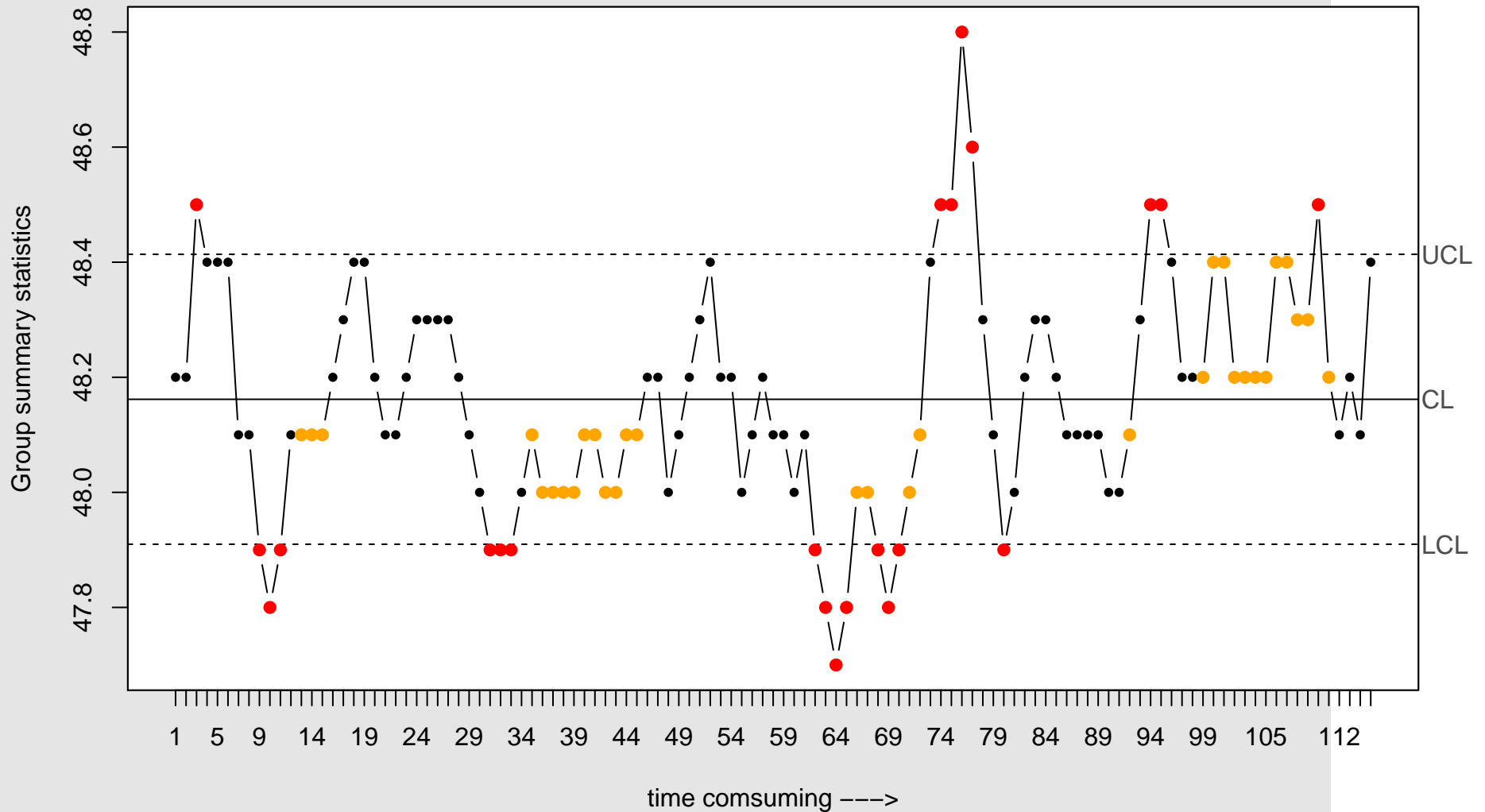
LCL = 47.83538

UCL = 48.40462

Number beyond limits = 9

Number violating runs = 33

322th column point of this product



Number of groups = 115
 Center = 48.16174
 StdDev = 0.08398656

LCL = 47.90978
 UCL = 48.4137

Number beyond limits = 22
 Number violating runs = 37