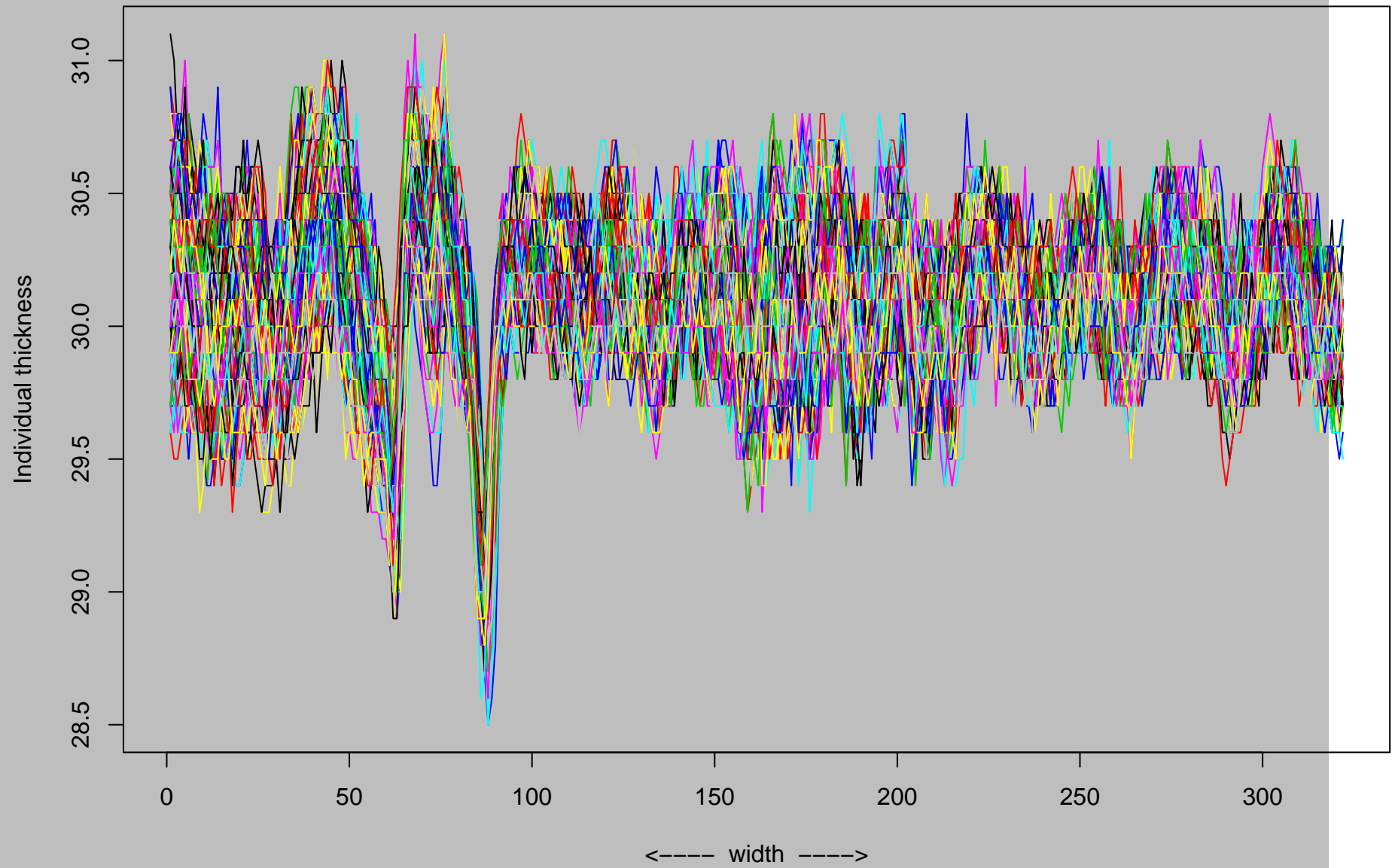
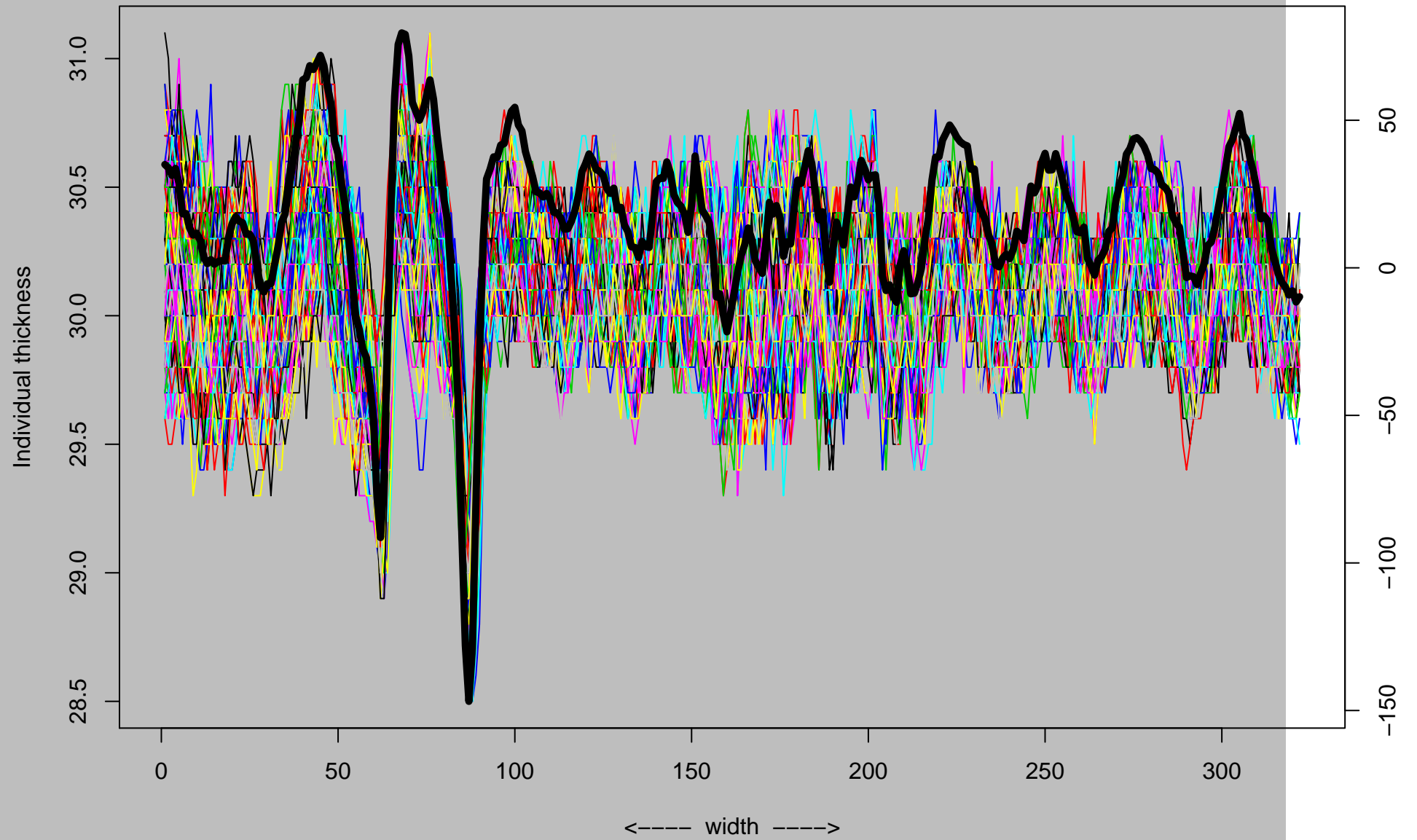


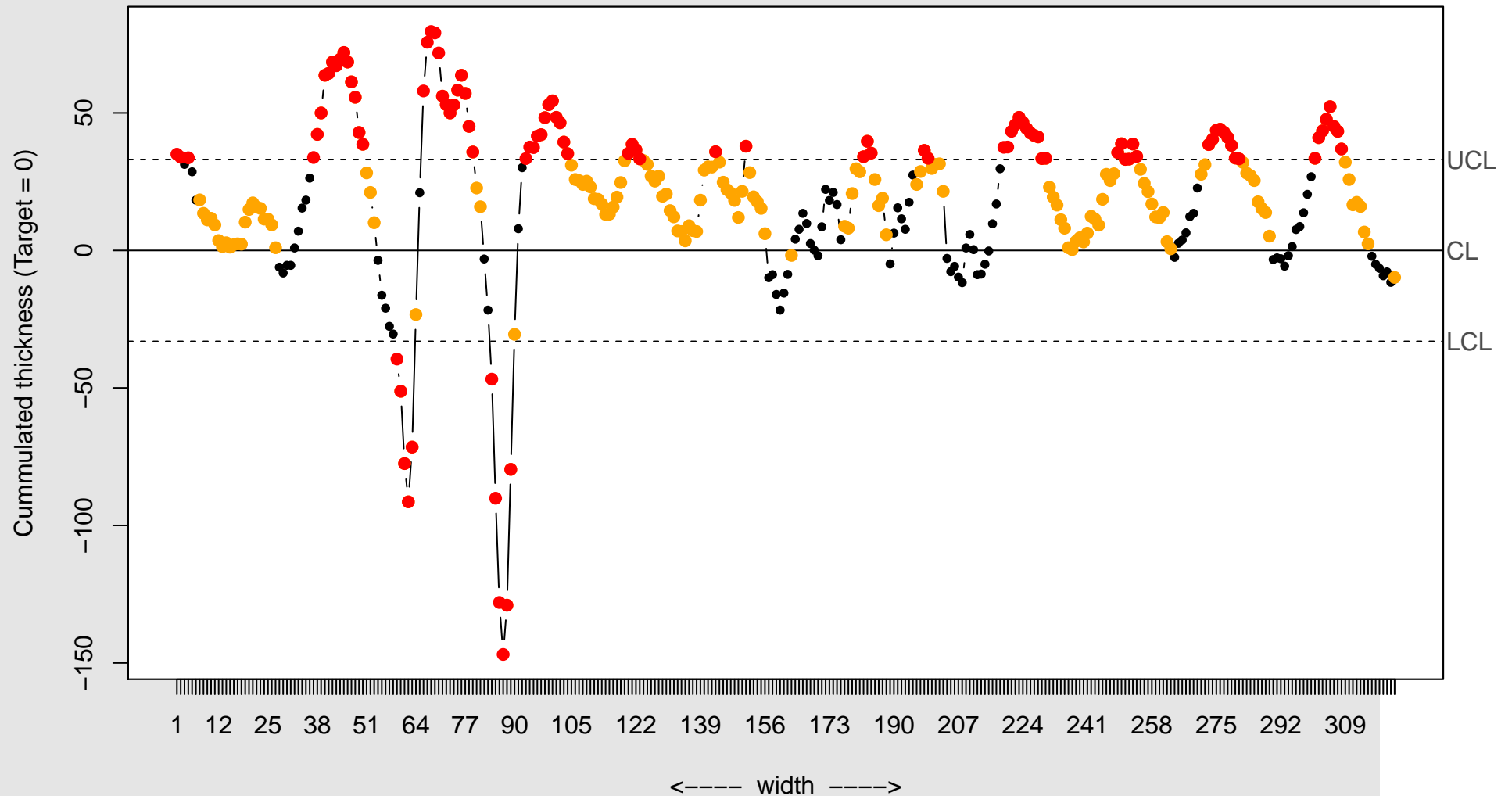
Individual thickness only



Simulated thickness



Simulated thickness



Number of groups = 322

Center = 0

StdDev = 5.509158

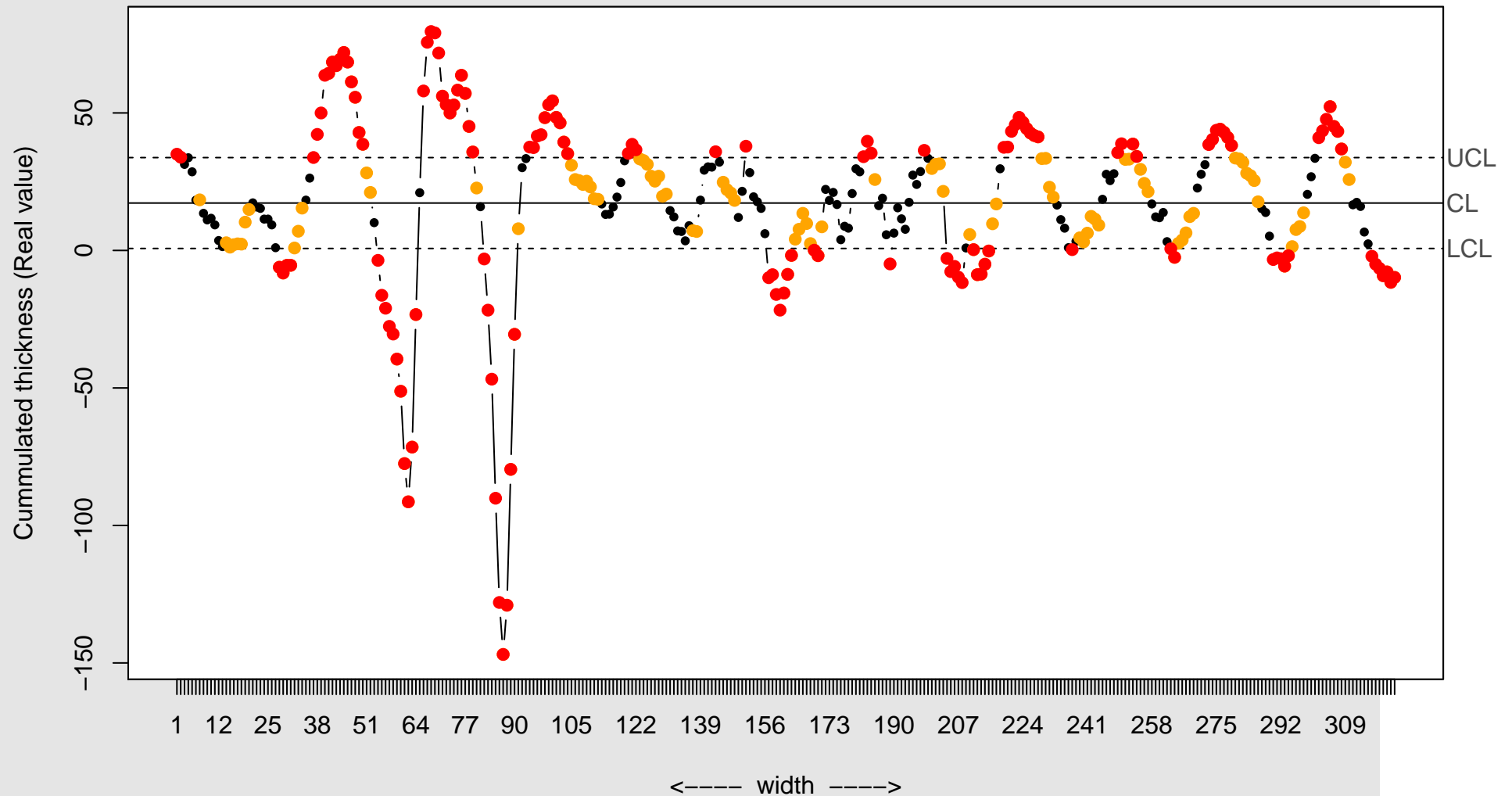
LCL = -33.05495

UCL = 33.05495

Number beyond limits = 100

Number violating runs = 214

Simulated thickness: Cpk is 0.1826 and z is -0.9523.

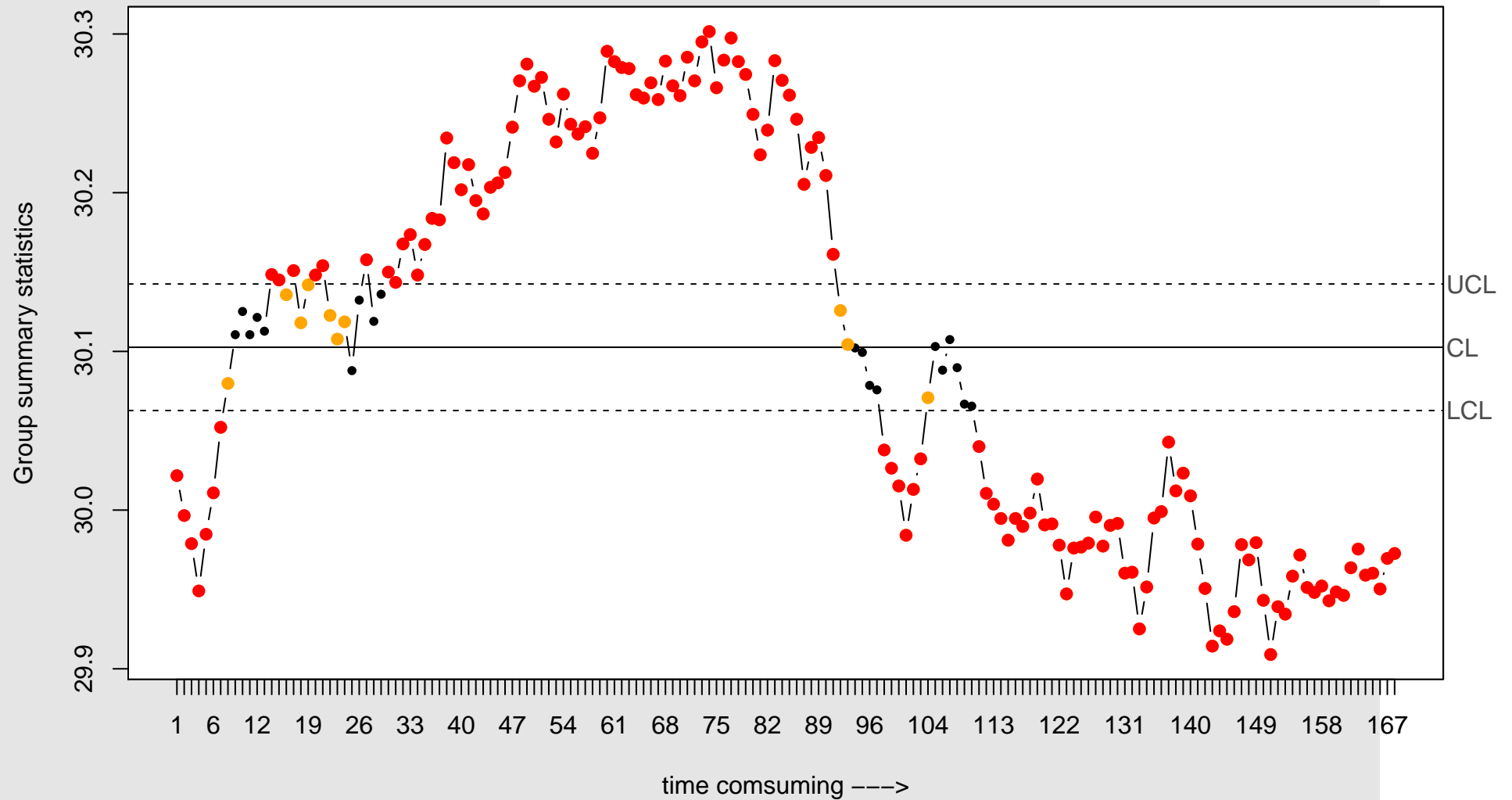


Number of groups = 322
Center = 17.23789
StdDev = 5.509158

LCL = 0.7104142
UCL = 33.76536

Number beyond limits = 137
Number violating runs = 156

X-bar chart for a given dataset

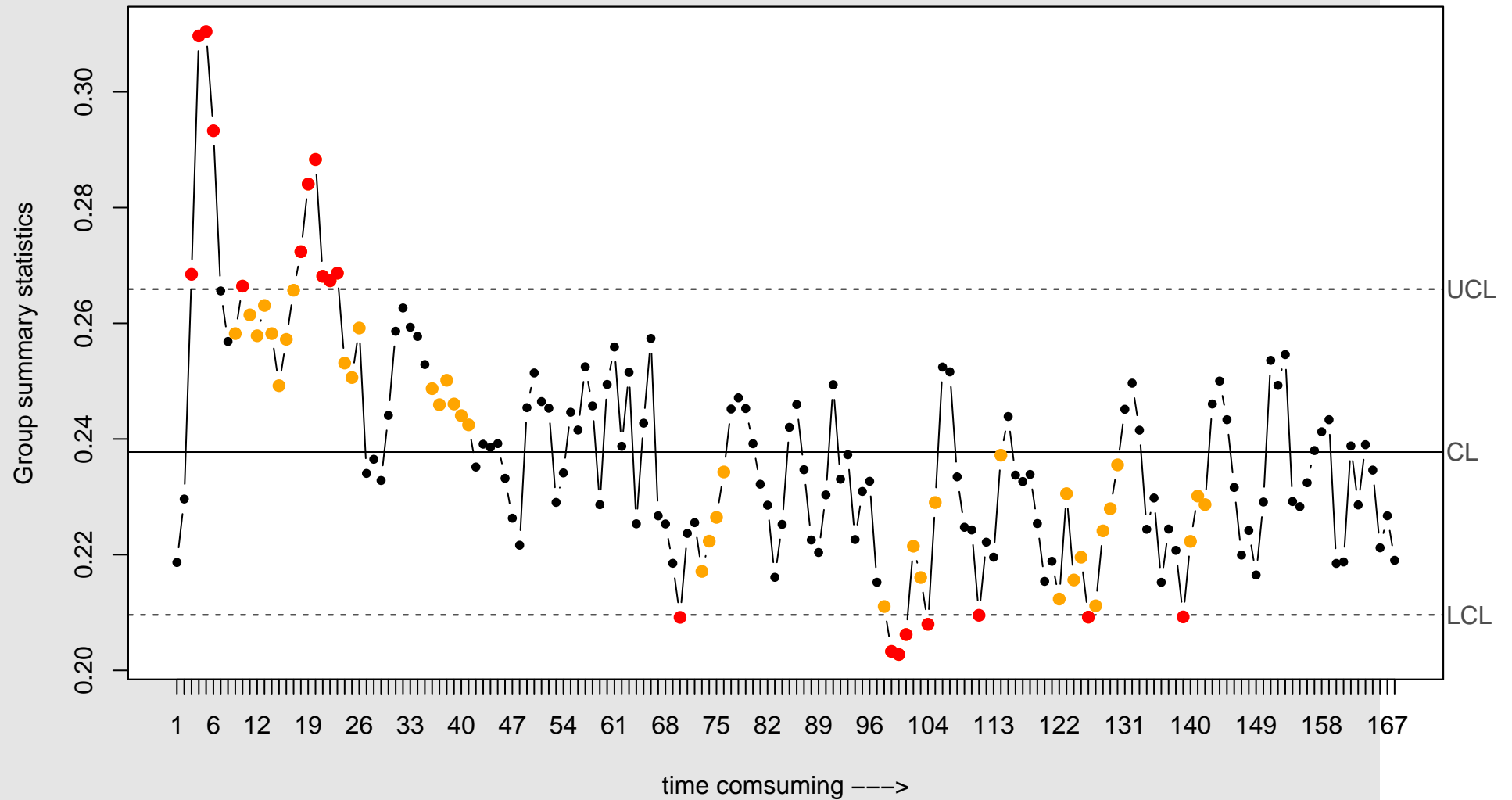


Number of groups = 168
Center = 30.10261
StdDev = 0.2384964

LCL = 30.06273
UCL = 30.14248

Number beyond limits = 139
Number violating runs = 134

S chart for a given dataset

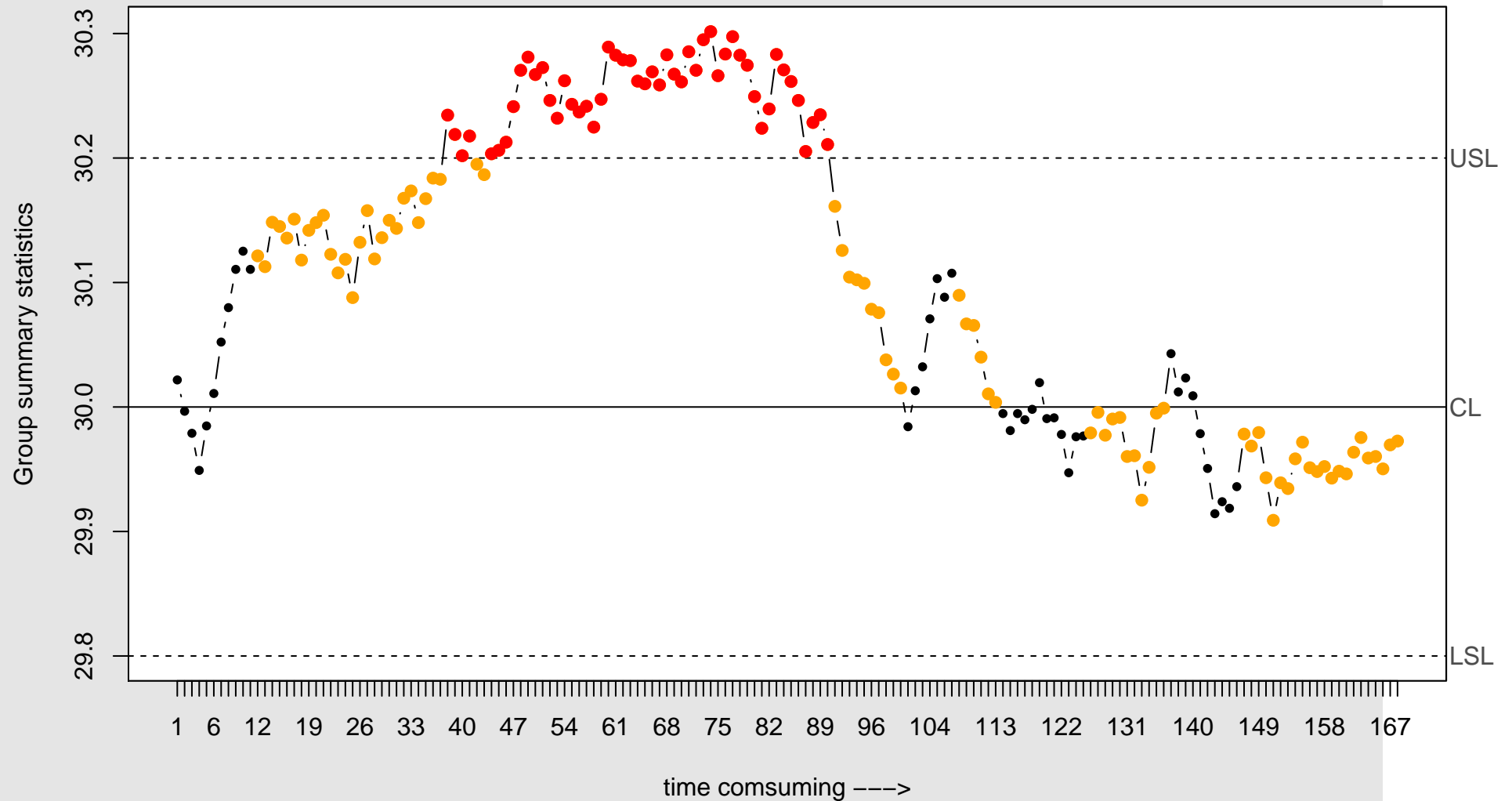


Number of groups = 168
Center = 0.2377531
StdDev = 0.2379384

LCL = 0.2095921
UCL = 0.2659142

Number beyond limits = 19
Number violating runs = 49

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



Number of groups = 168

Center = 30

StdDev = 0.2384964

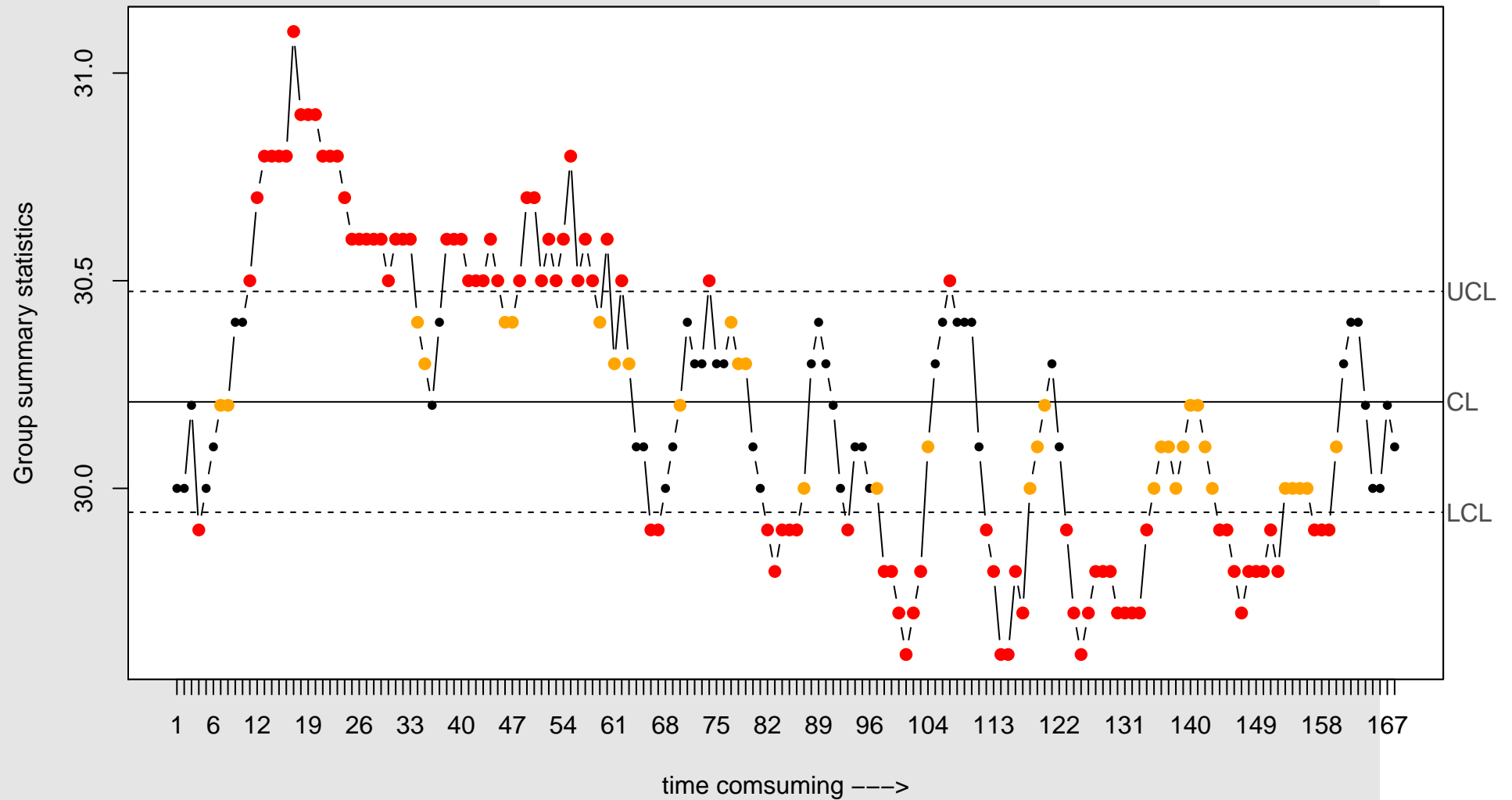
LCL = 29.8

UCL = 30.2

Number beyond limits = 51

Number violating runs = 128

1th column point of this product

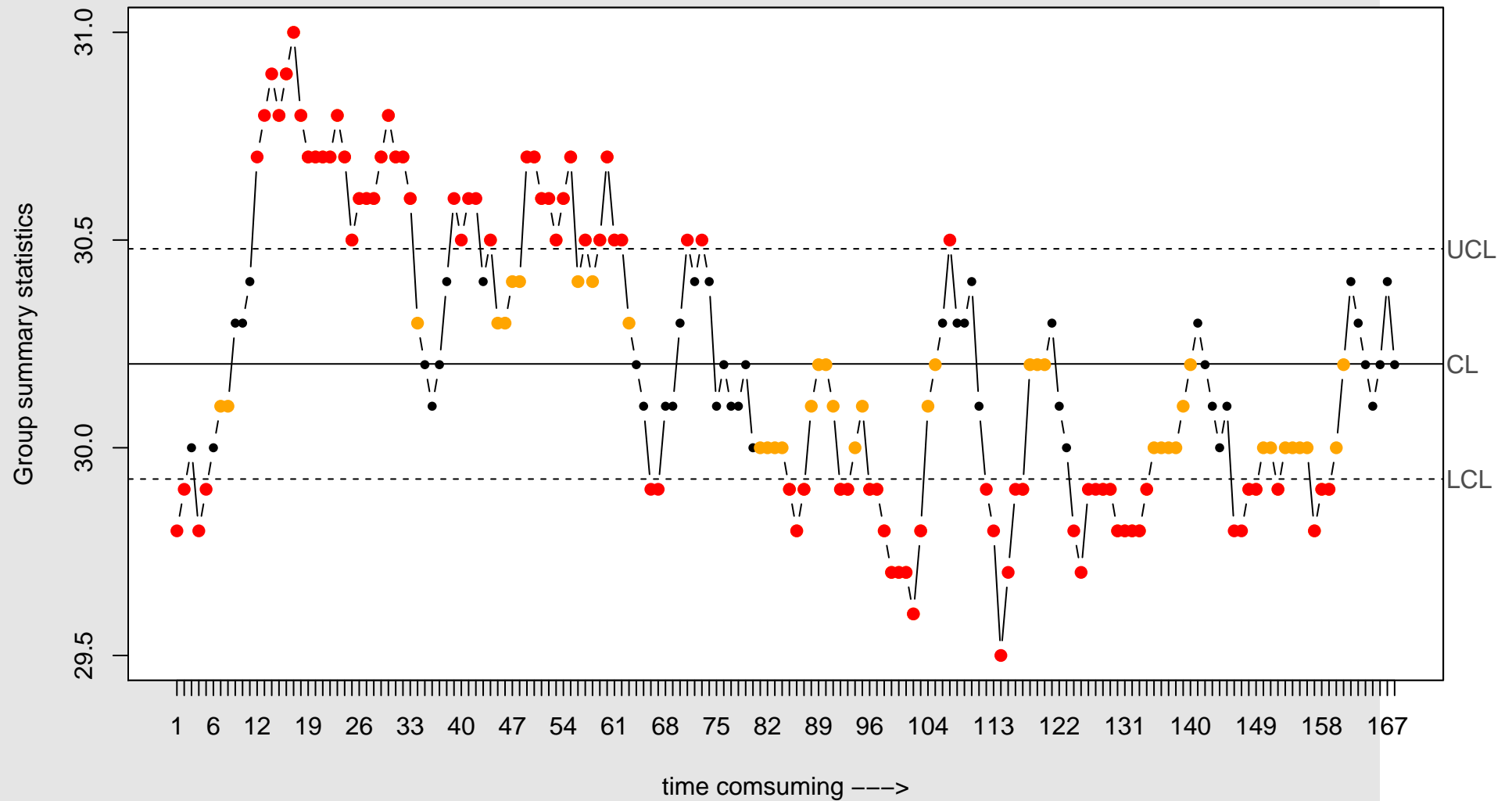


Number of groups = 168
Center = 30.20833
StdDev = 0.08865248

LCL = 29.94238
UCL = 30.47429

Number beyond limits = 91
Number violating runs = 95

2th column point of this product



Number of groups = 168

Center = 30.20179

StdDev = 0.09236845

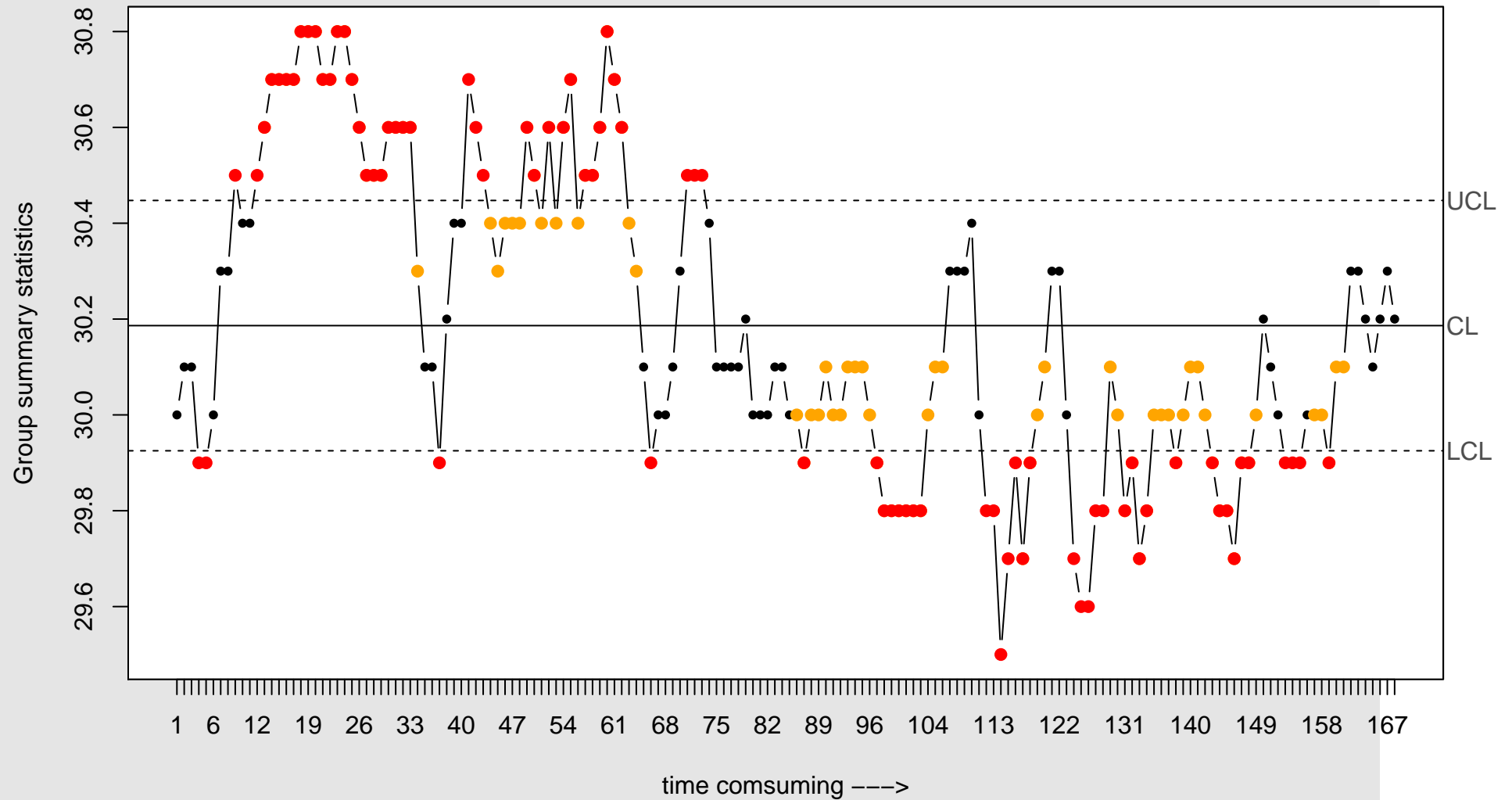
LCL = 29.92468

UCL = 30.47889

Number beyond limits = 86

Number violating runs = 98

3th column point of this product



Number of groups = 168

Center = 30.18631

StdDev = 0.08705992

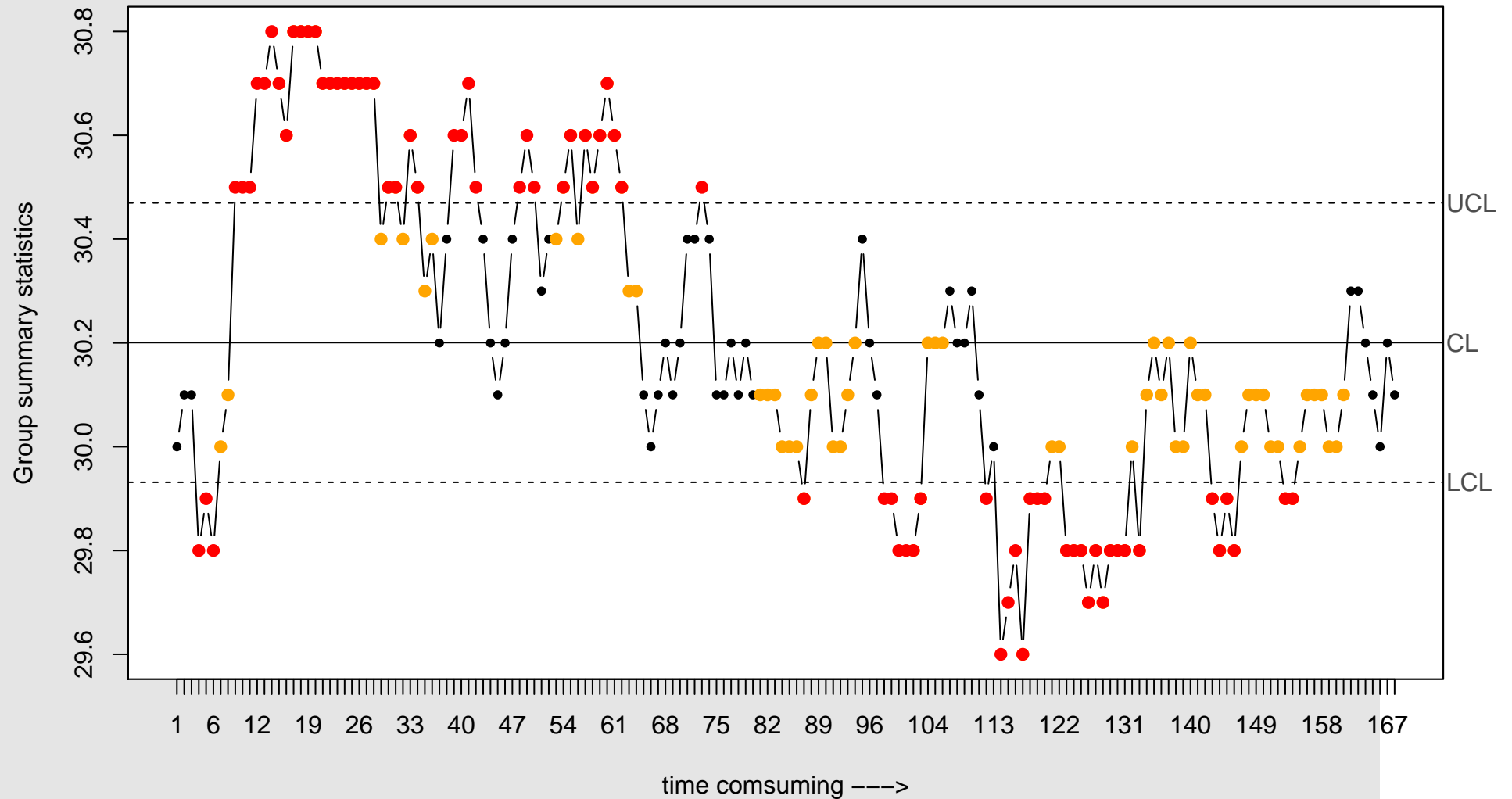
LCL = 29.92513

UCL = 30.44749

Number beyond limits = 79

Number violating runs = 94

4th column point of this product

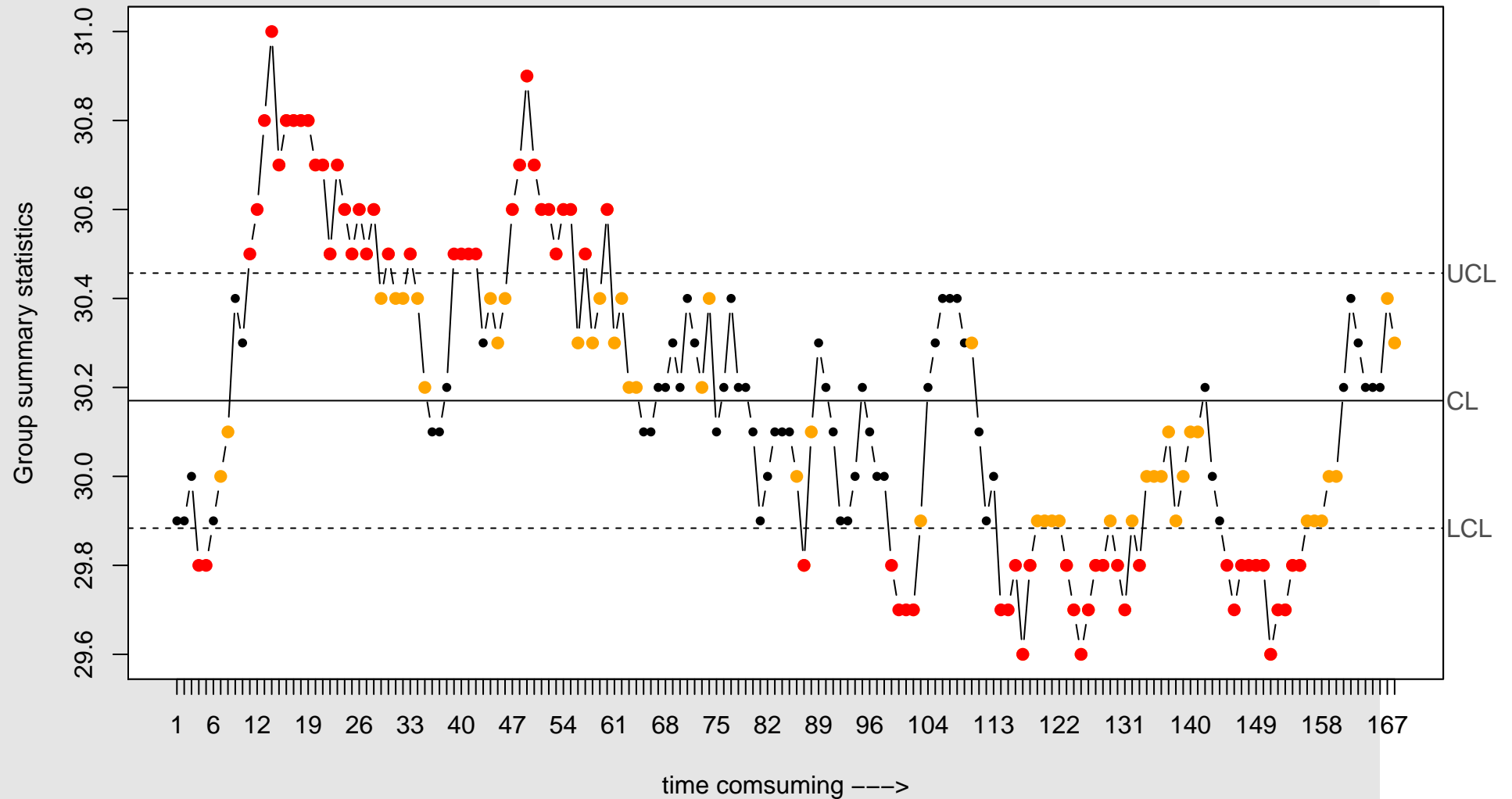


Number of groups = 168
Center = 30.2006
StdDev = 0.08971419

LCL = 29.93145
UCL = 30.46974

Number beyond limits = 74
Number violating runs = 100

5th column point of this product

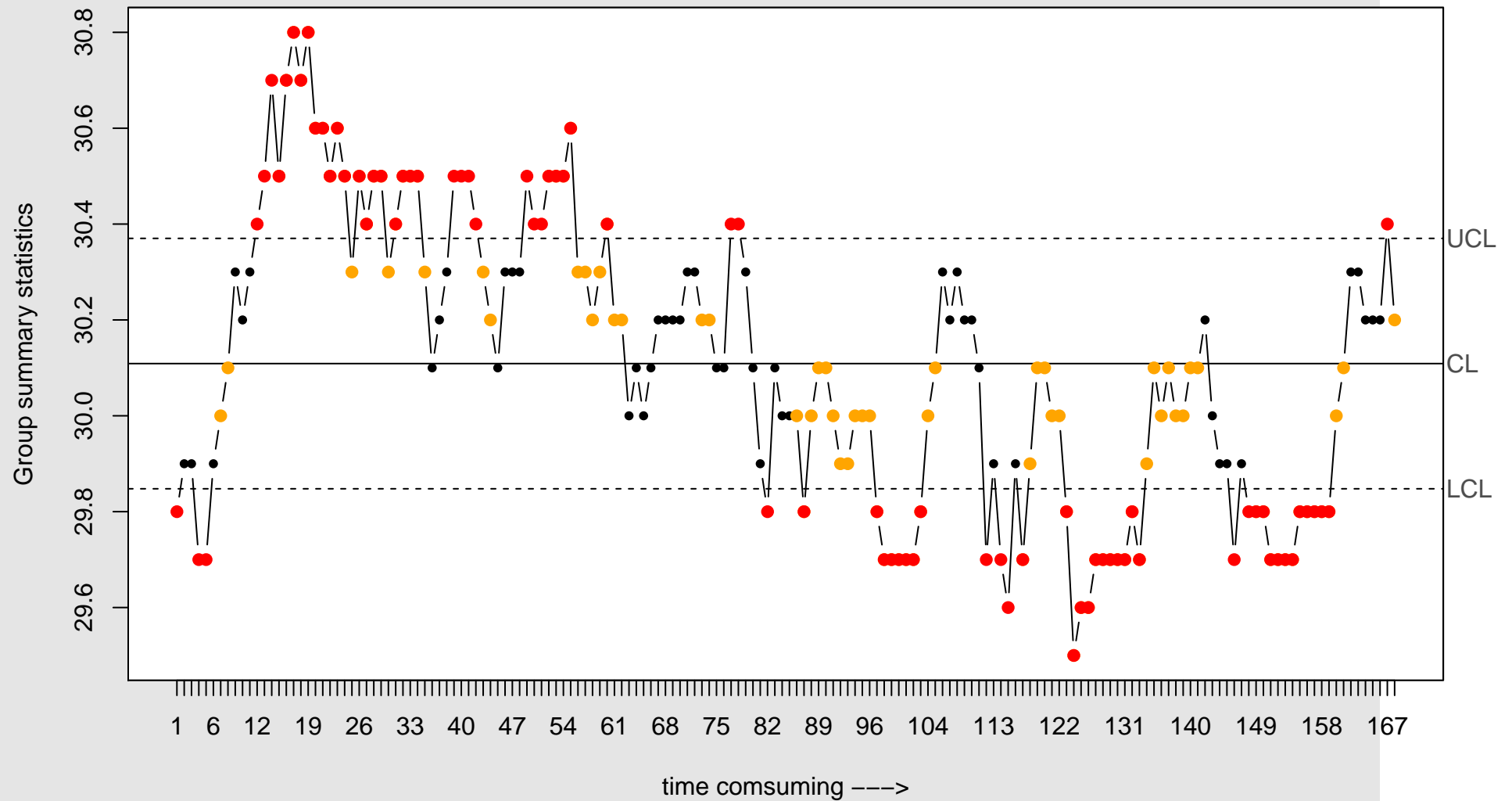


Number of groups = 168
 Center = 30.17024
 StdDev = 0.09555357

LCL = 29.88358
 UCL = 30.4569

Number beyond limits = 67
 Number violating runs = 91

6th column point of this product



Number of groups = 168

Center = 30.10893

StdDev = 0.08705992

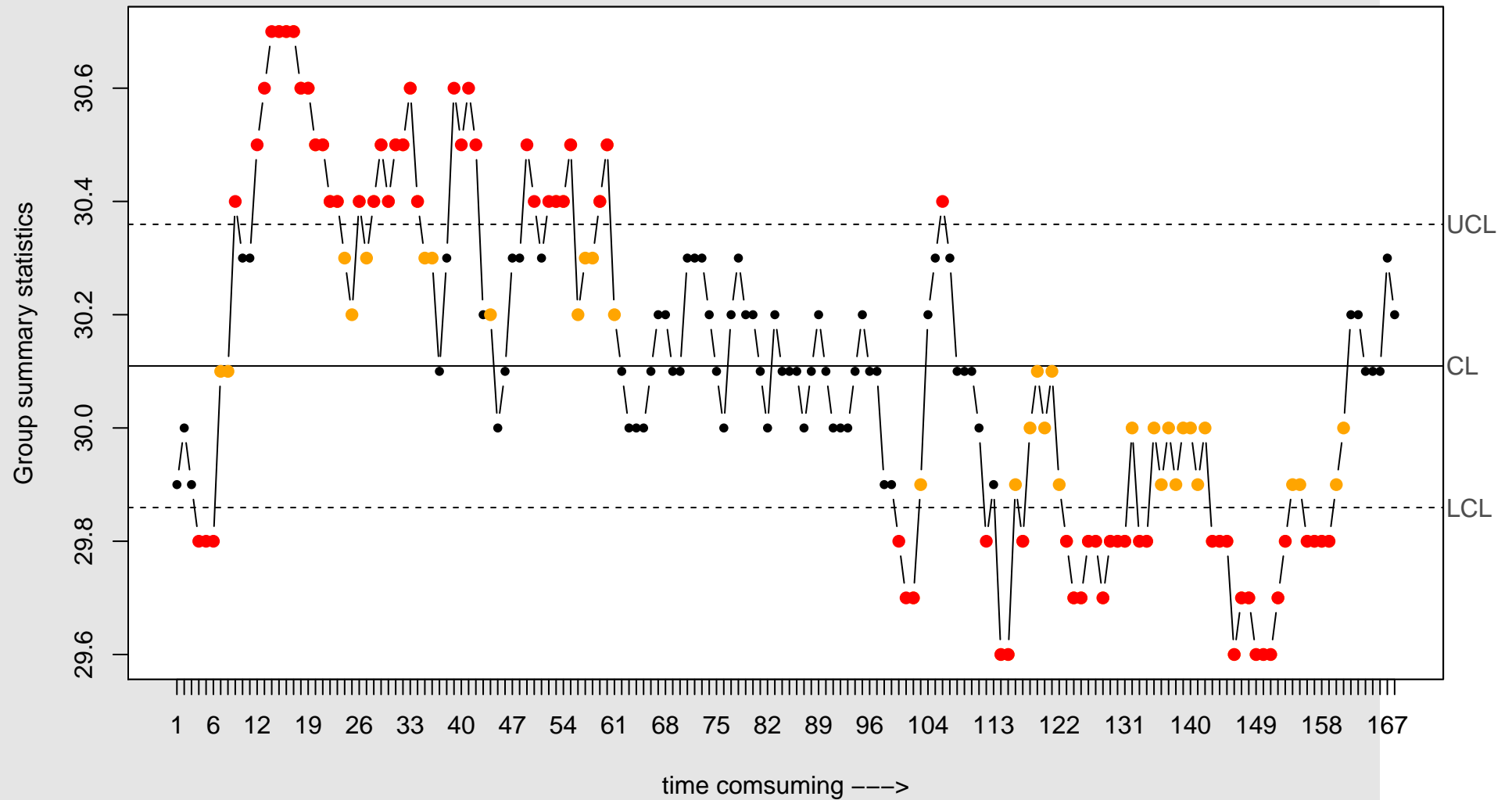
LCL = 29.84775

UCL = 30.37011

Number beyond limits = 76

Number violating runs = 97

7th column point of this product



Number of groups = 168

Center = 30.10952

StdDev = 0.08334395

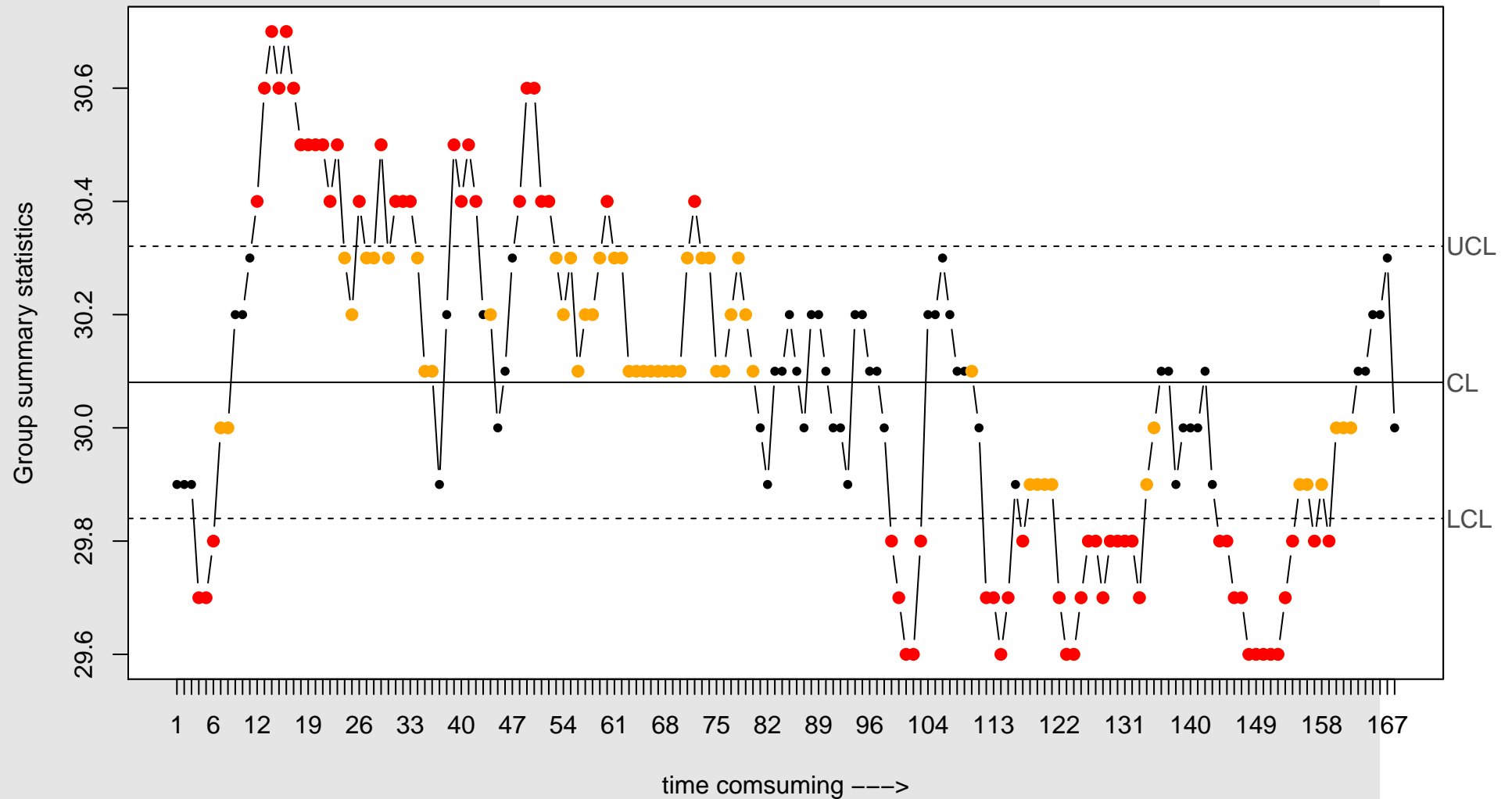
LCL = 29.85949

UCL = 30.35956

Number beyond limits = 70

Number violating runs = 84

8th column point of this product



Number of groups = 168

Center = 30.08036

StdDev = 0.08015883

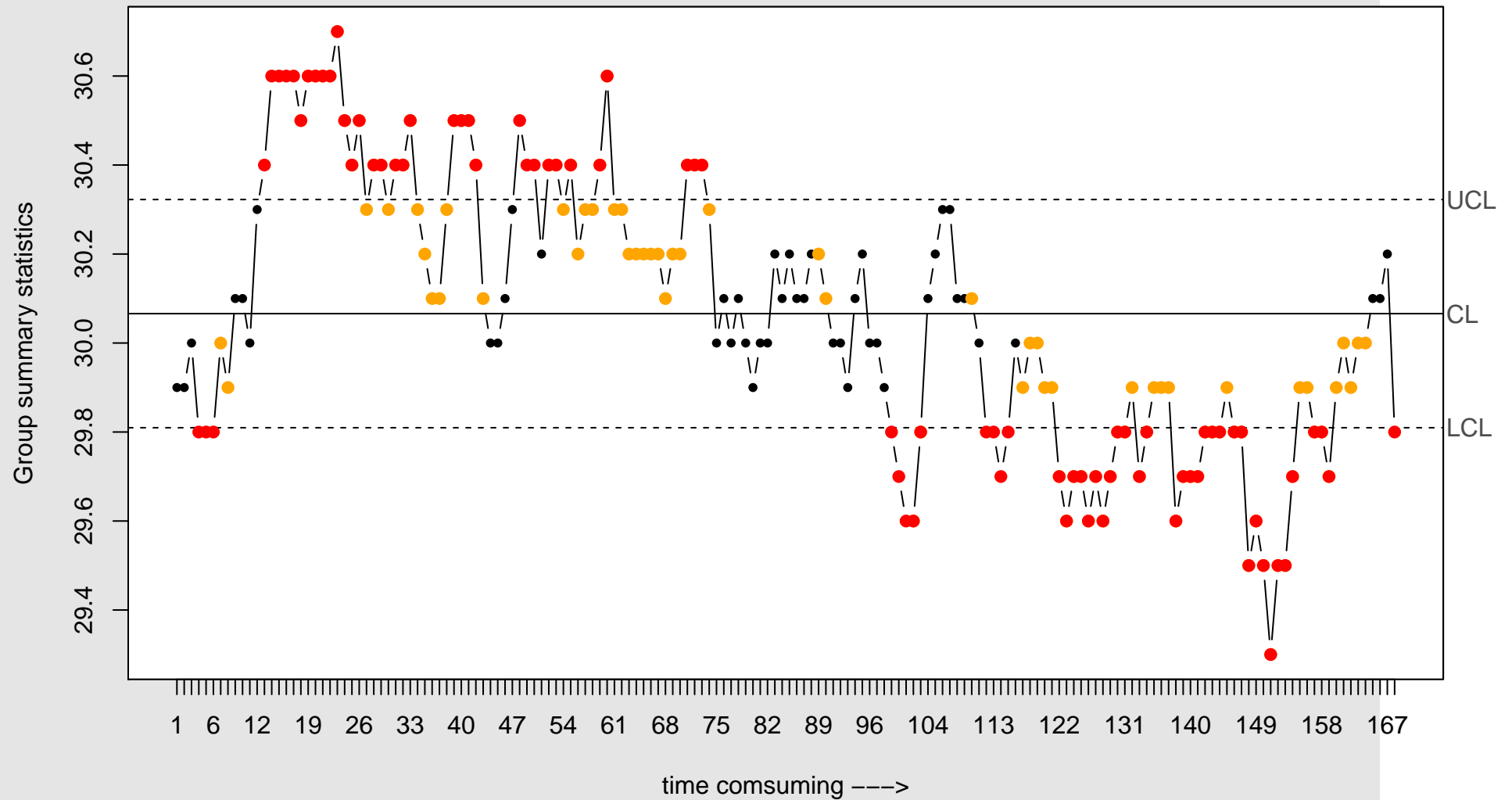
LCL = 29.83988

UCL = 30.32083

Number beyond limits = 66

Number violating runs = 88

9th column point of this product

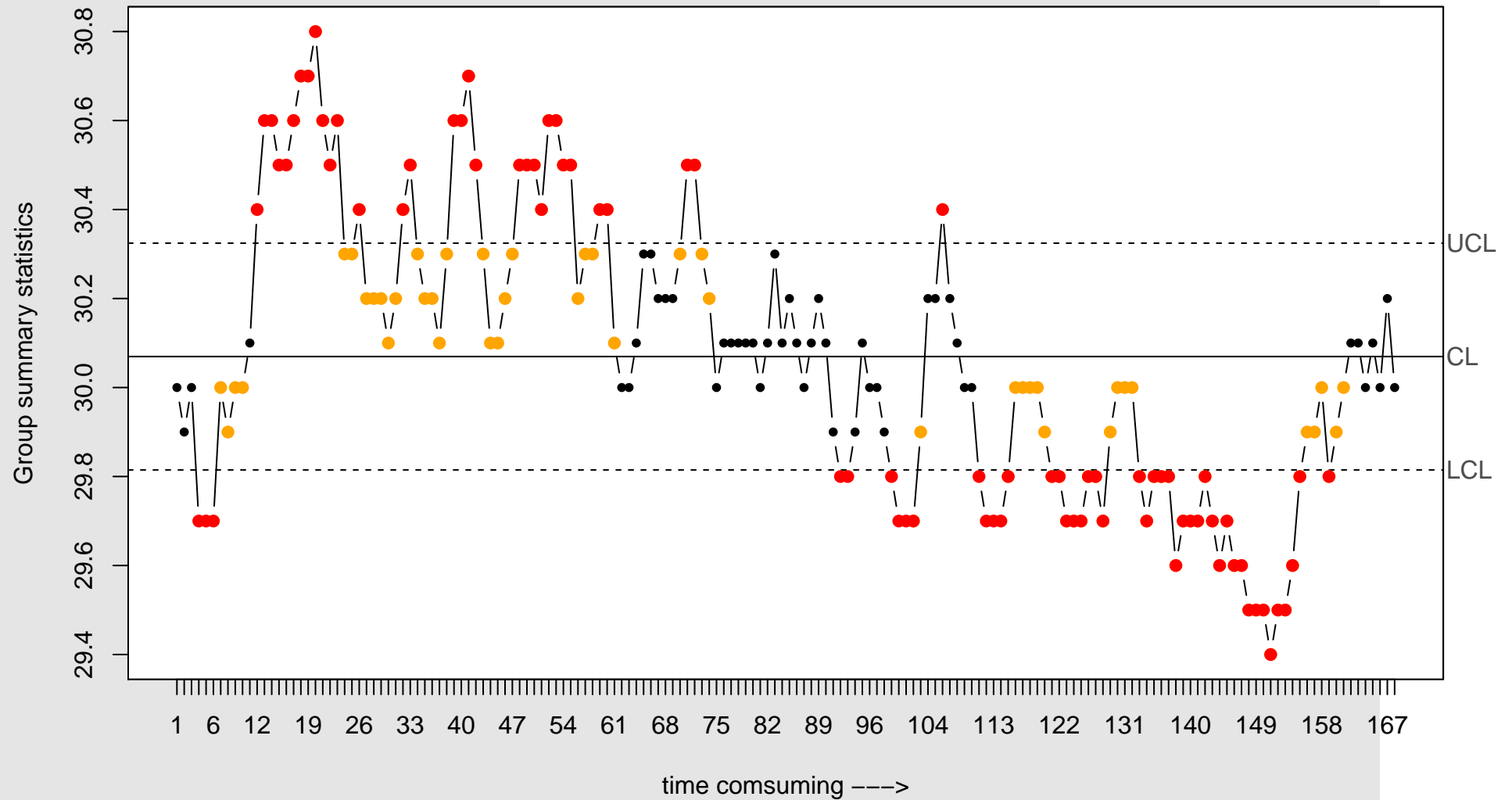


Number of groups = 168
 Center = 30.06607
 StdDev = 0.08546736

LCL = 29.80967
 UCL = 30.32247

Number beyond limits = 78
 Number violating runs = 104

10th column point of this product

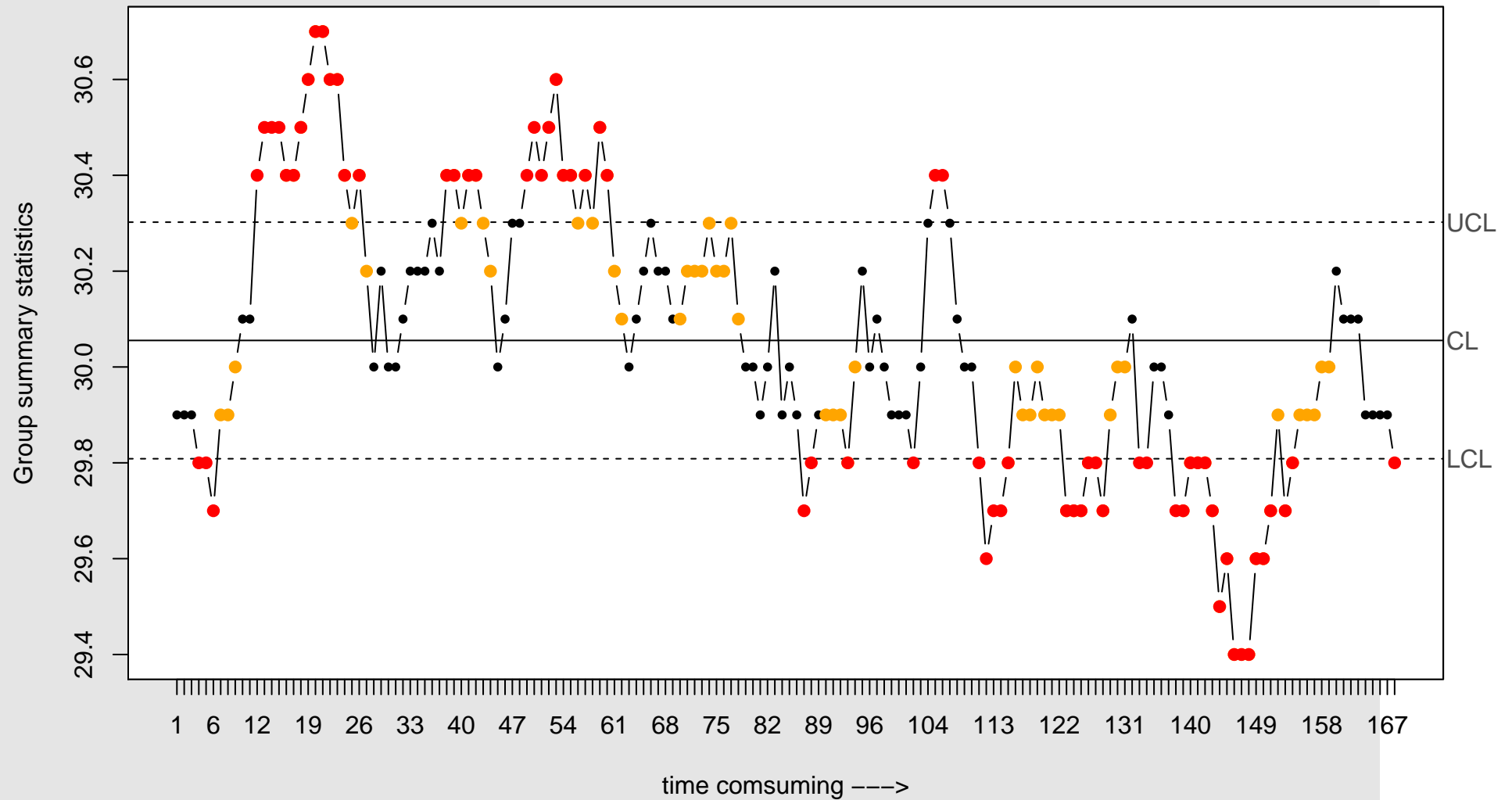


Number of groups = 168
Center = 30.06964
StdDev = 0.08493651

LCL = 29.81483
UCL = 30.32445

Number beyond limits = 78
Number violating runs = 103

11th column point of this product

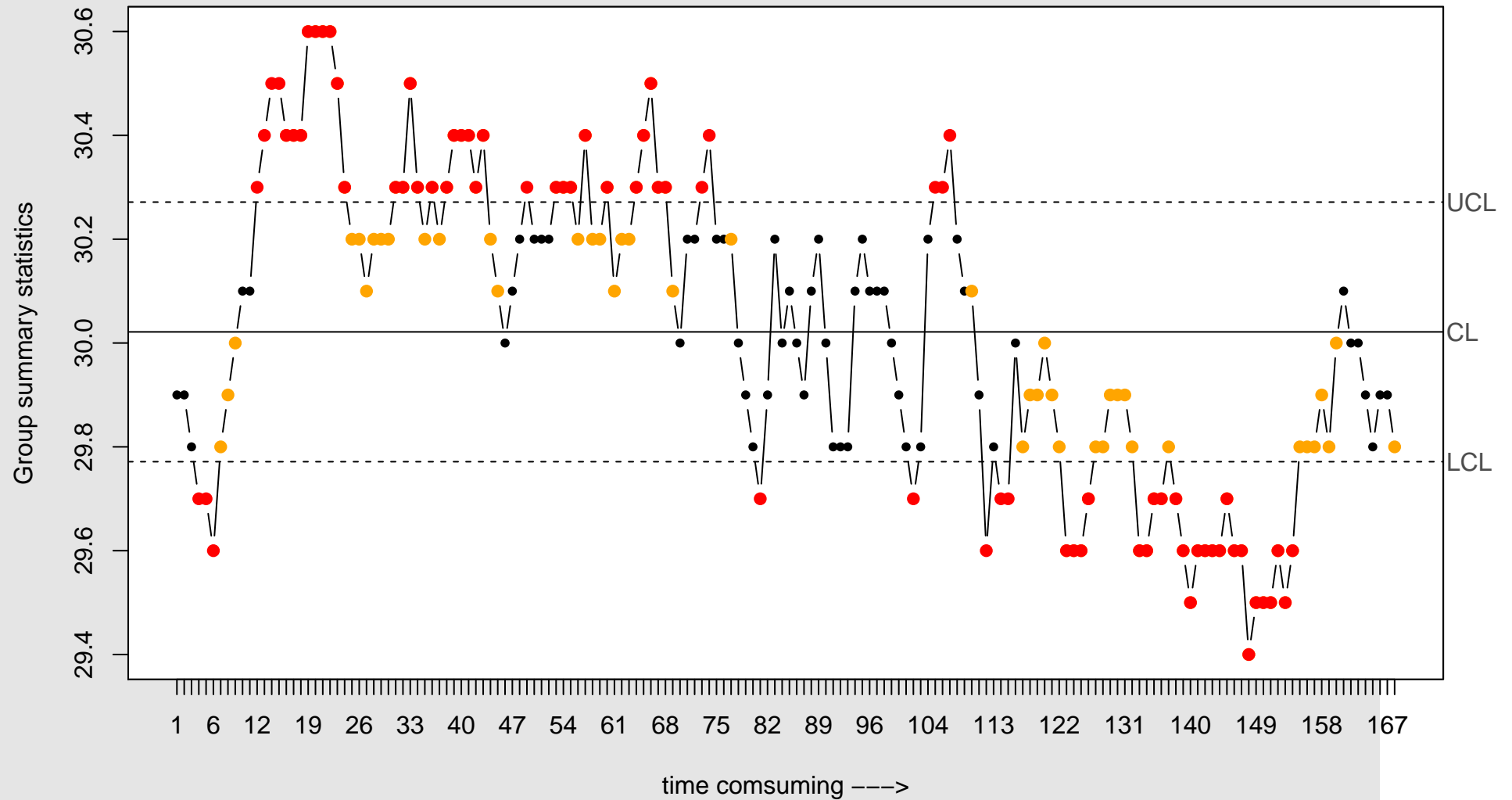


Number of groups = 168
Center = 30.05536
StdDev = 0.08228224

LCL = 29.80851
UCL = 30.3022

Number beyond limits = 67
Number violating runs = 85

12th column point of this product

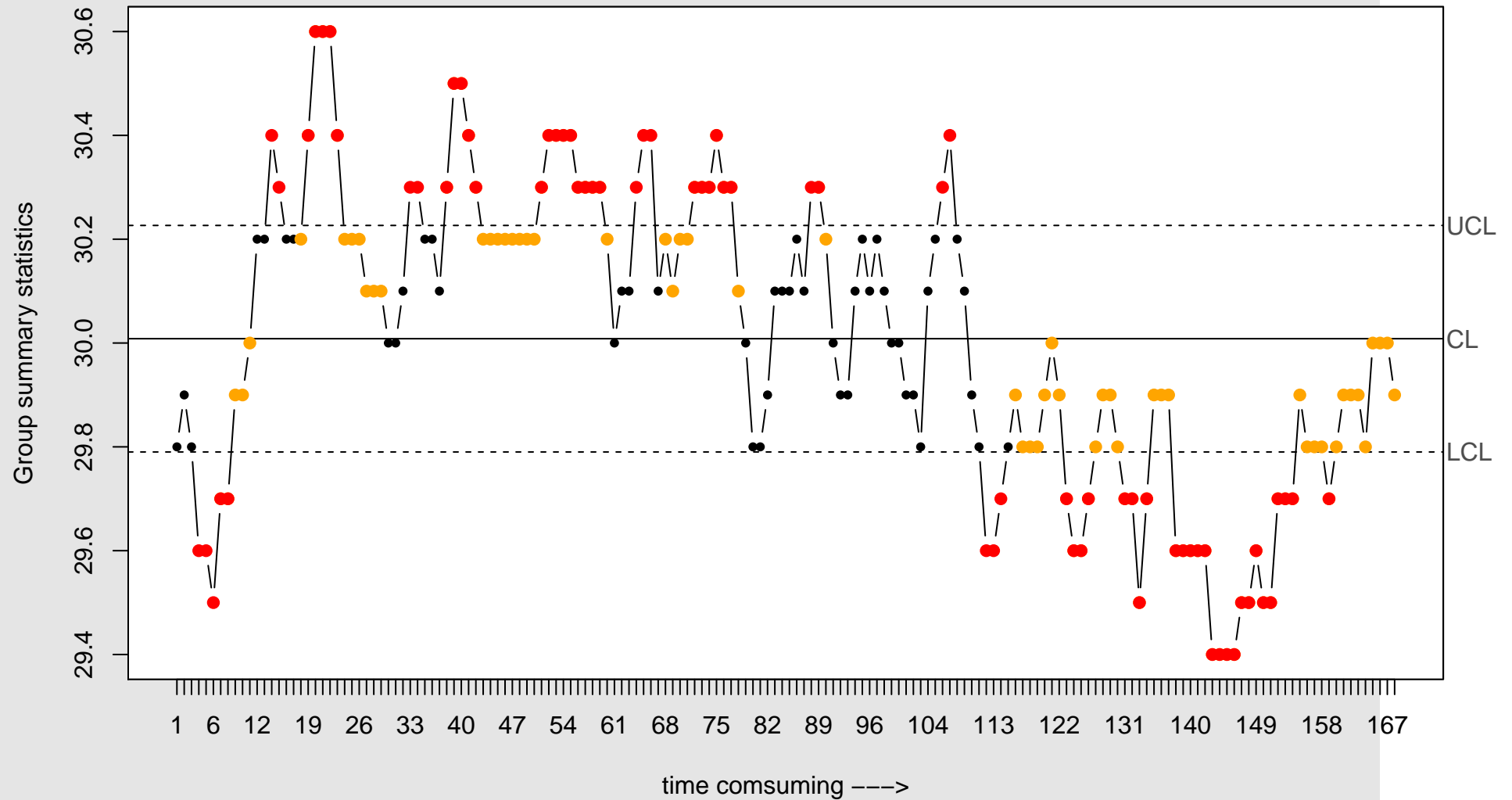


Number of groups = 168
Center = 30.02143
StdDev = 0.08334395

LCL = 29.77114
UCL = 30.27146

Number beyond limits = 73
Number violating runs = 97

13th column point of this product

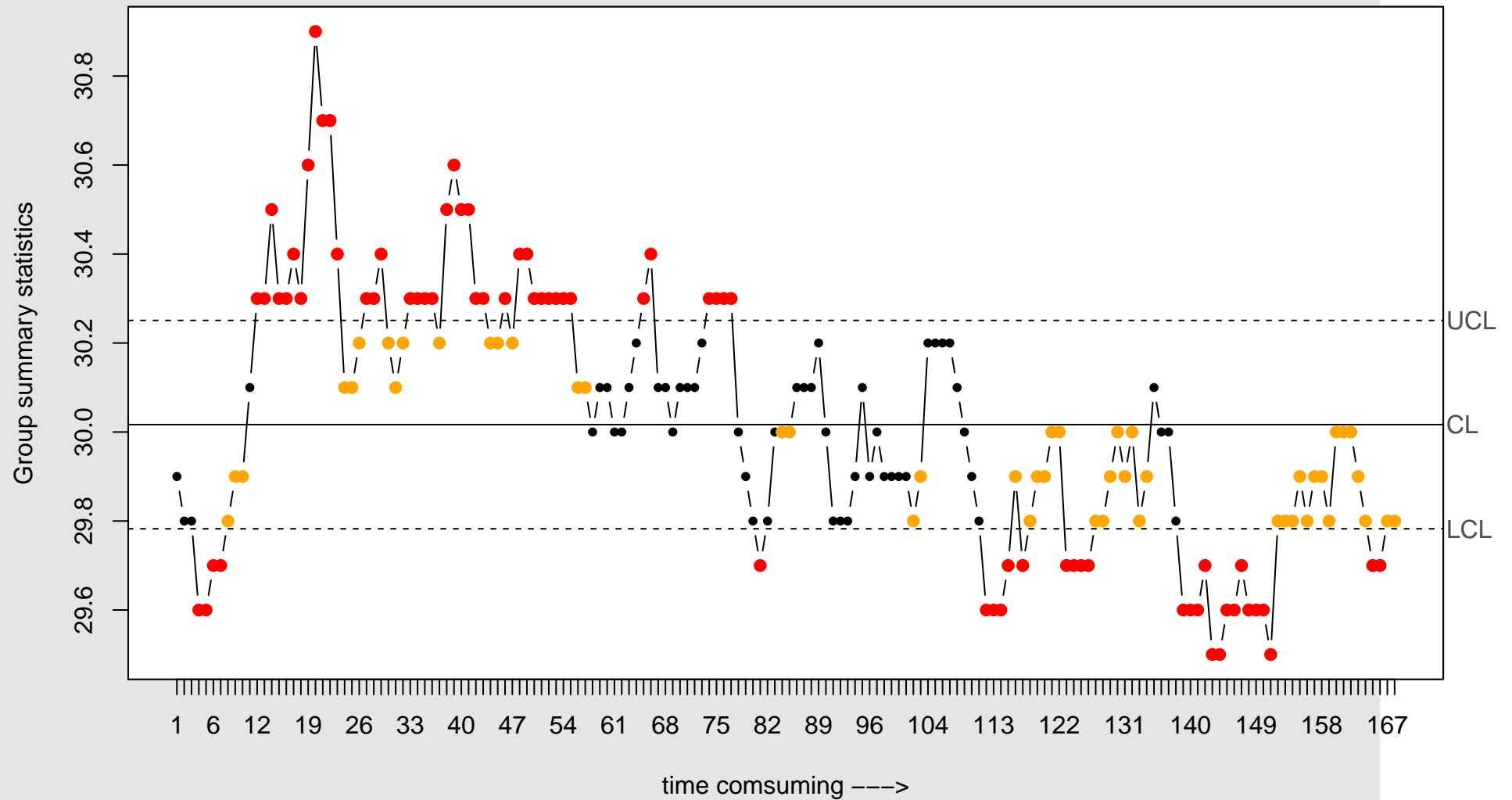


Number of groups = 168
Center = 30.00833
StdDev = 0.07272689

LCL = 29.79015
UCL = 30.22651

Number beyond limits = 70
Number violating runs = 106

14th column point of this product

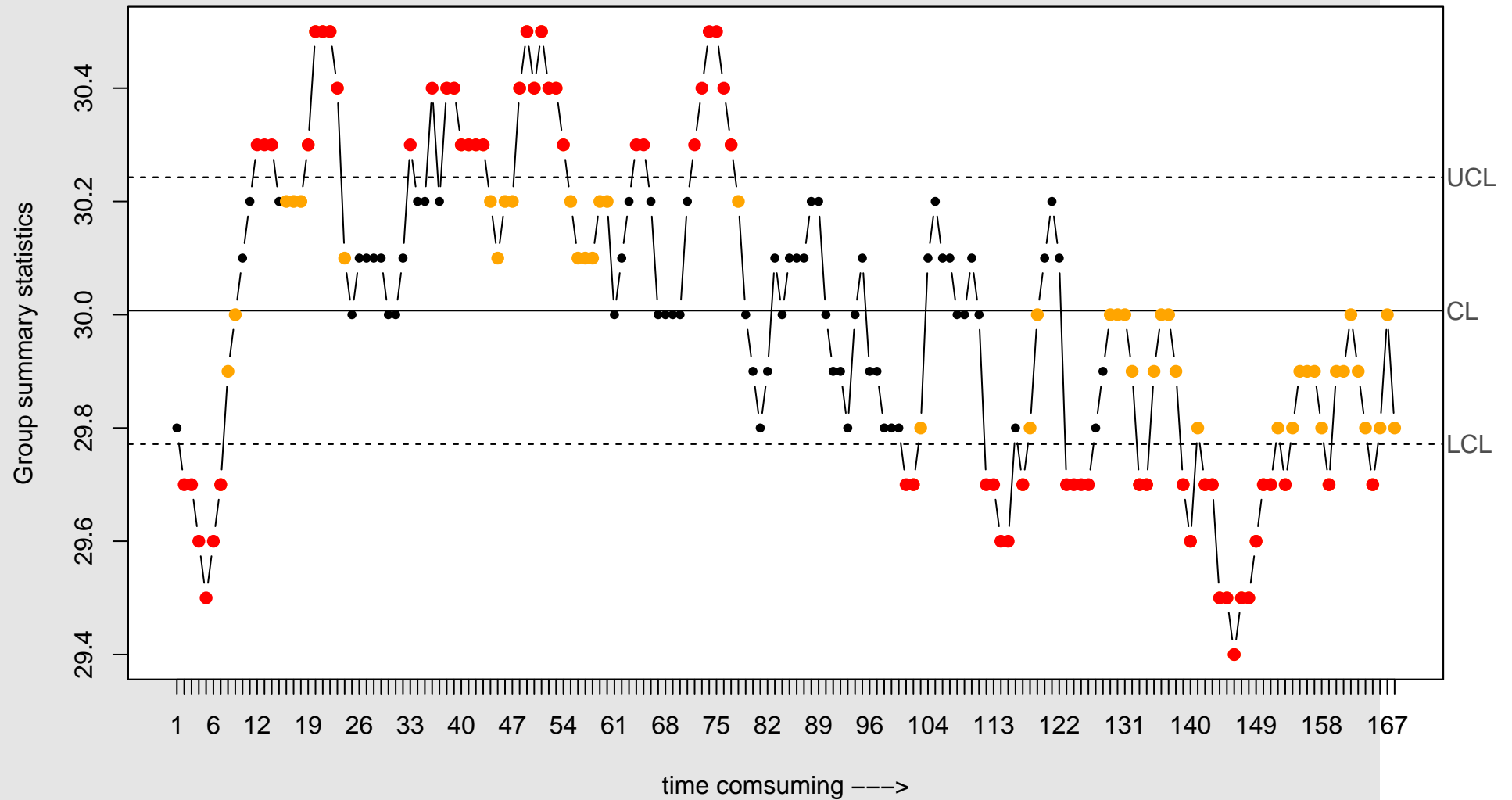


Number of groups = 168
 Center = 30.01667
 StdDev = 0.07803542

LCL = 29.78256
 UCL = 30.25077

Number beyond limits = 69
 Number violating runs = 98

15th column point of this product



Number of groups = 168

Center = 30.00714

StdDev = 0.07856627

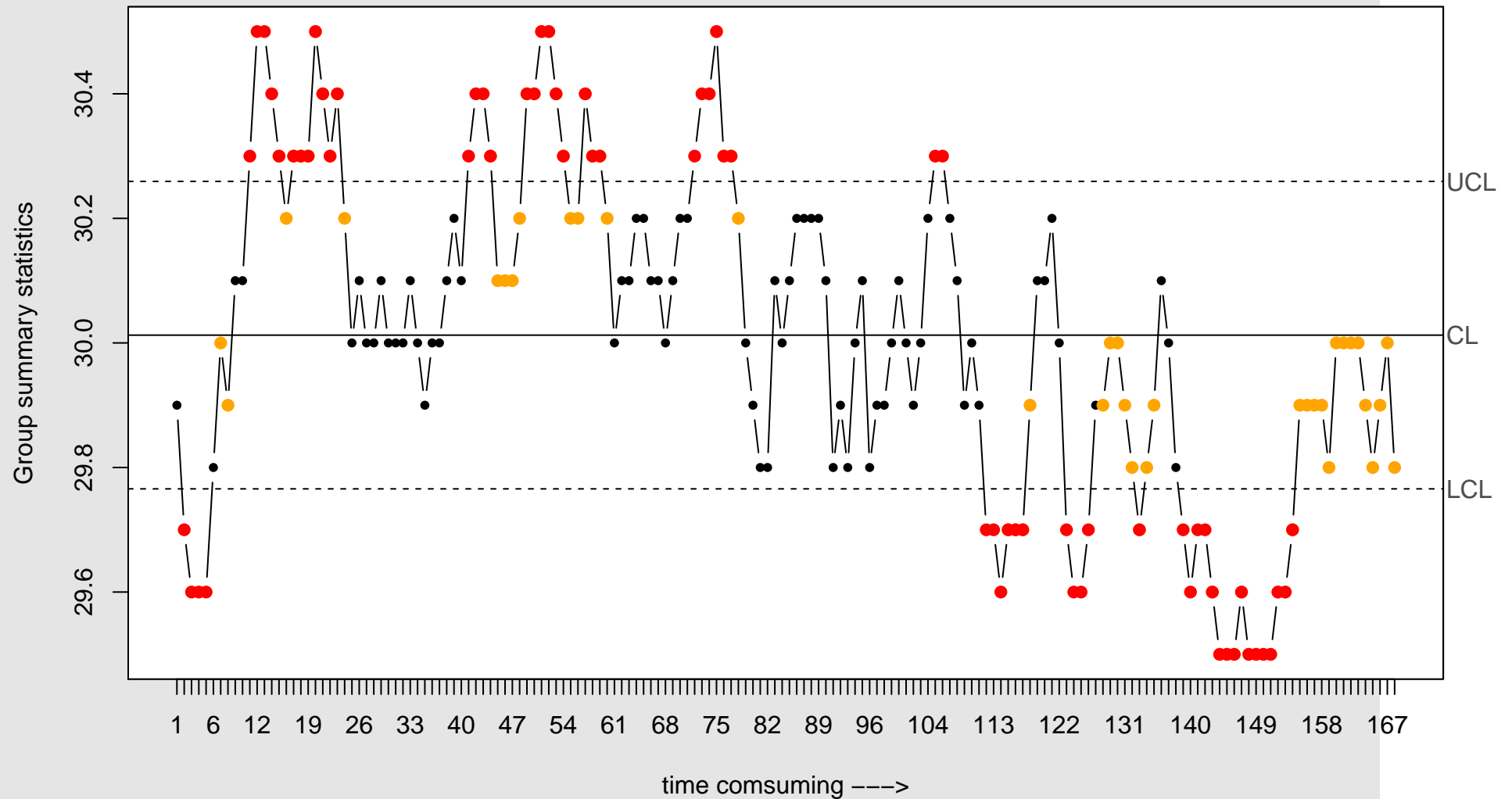
LCL = 29.77144

UCL = 30.24284

Number beyond limits = 65

Number violating runs = 82

16th column point of this product



Number of groups = 168

Center = 30.0125

StdDev = 0.08228224

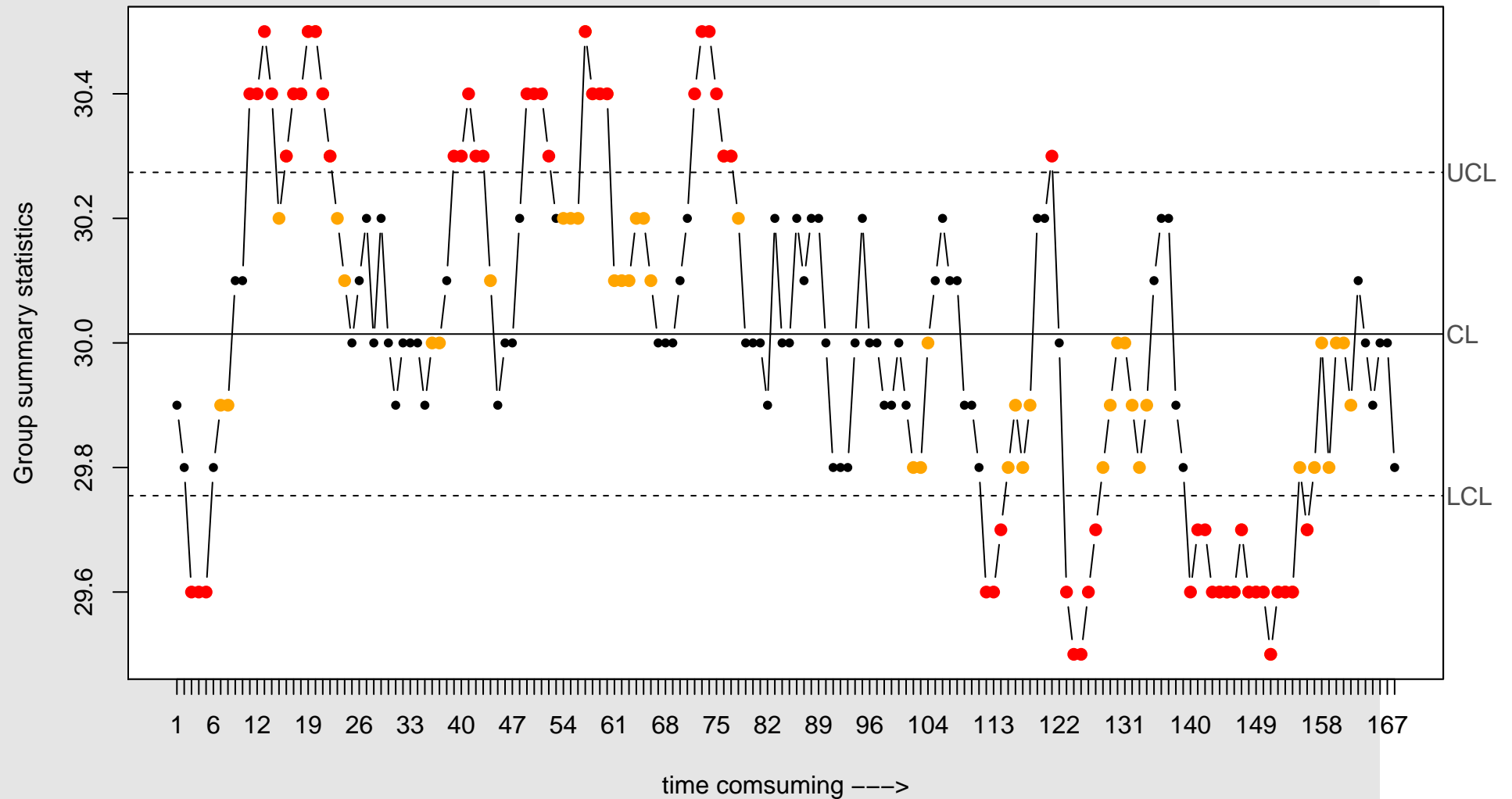
LCL = 29.76565

UCL = 30.25935

Number beyond limits = 64

Number violating runs = 71

17th column point of this product

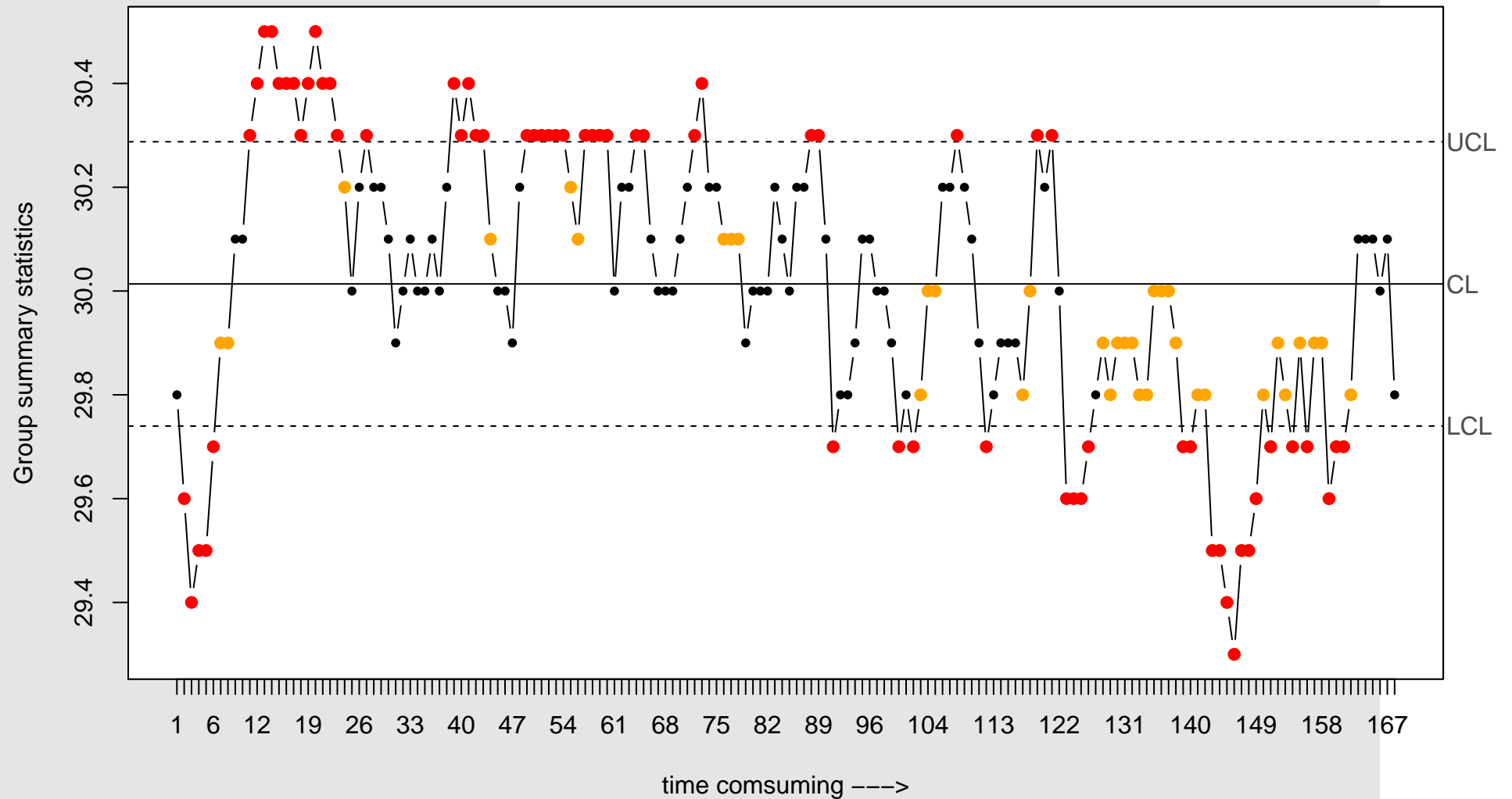


Number of groups = 168
Center = 30.01429
StdDev = 0.08652907

LCL = 29.7547
UCL = 30.27387

Number beyond limits = 58
Number violating runs = 64

18th column point of this product

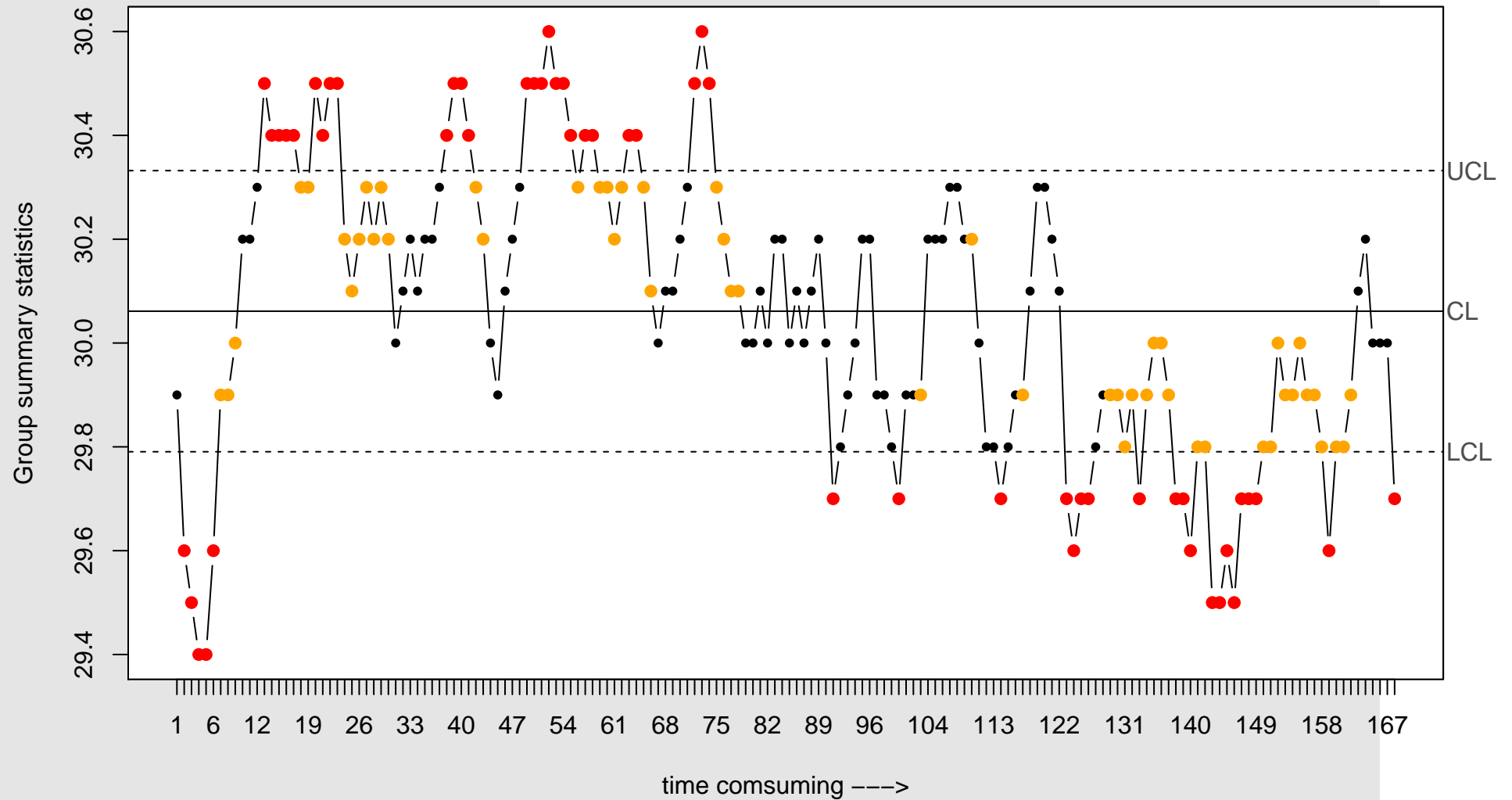


Number of groups = 168
Center = 30.01369
StdDev = 0.09130675

LCL = 29.73977
UCL = 30.28761

Number beyond limits = 66
Number violating runs = 63

19th column point of this product

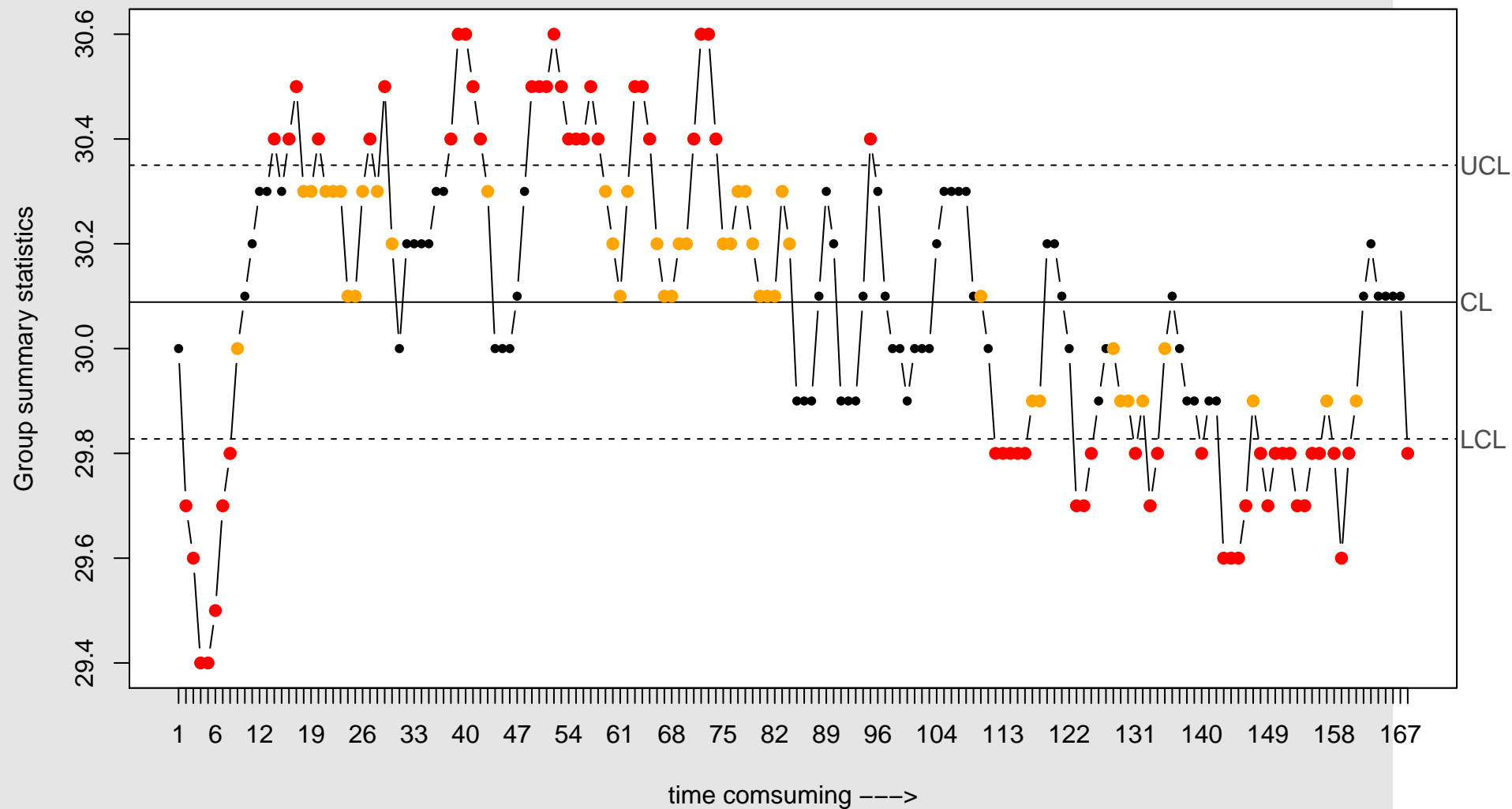


Number of groups = 168
Center = 30.06131
StdDev = 0.09024504

LCL = 29.79057
UCL = 30.33204

Number beyond limits = 52
Number violating runs = 81

20th column point of this product

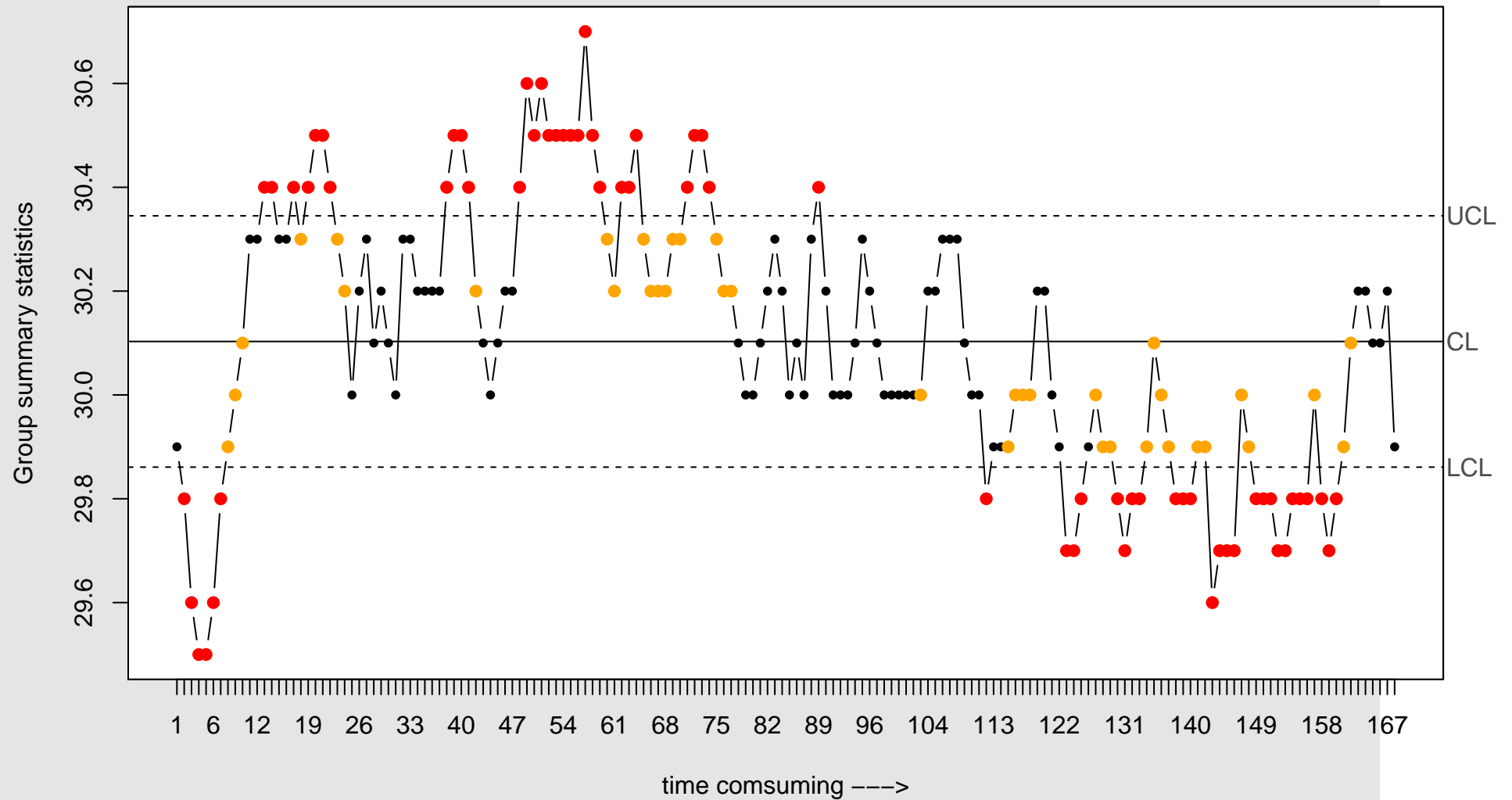


Number of groups = 168
Center = 30.08869
StdDev = 0.08705992

LCL = 29.82751
UCL = 30.34987

Number beyond limits = 65
Number violating runs = 86

21th column point of this product

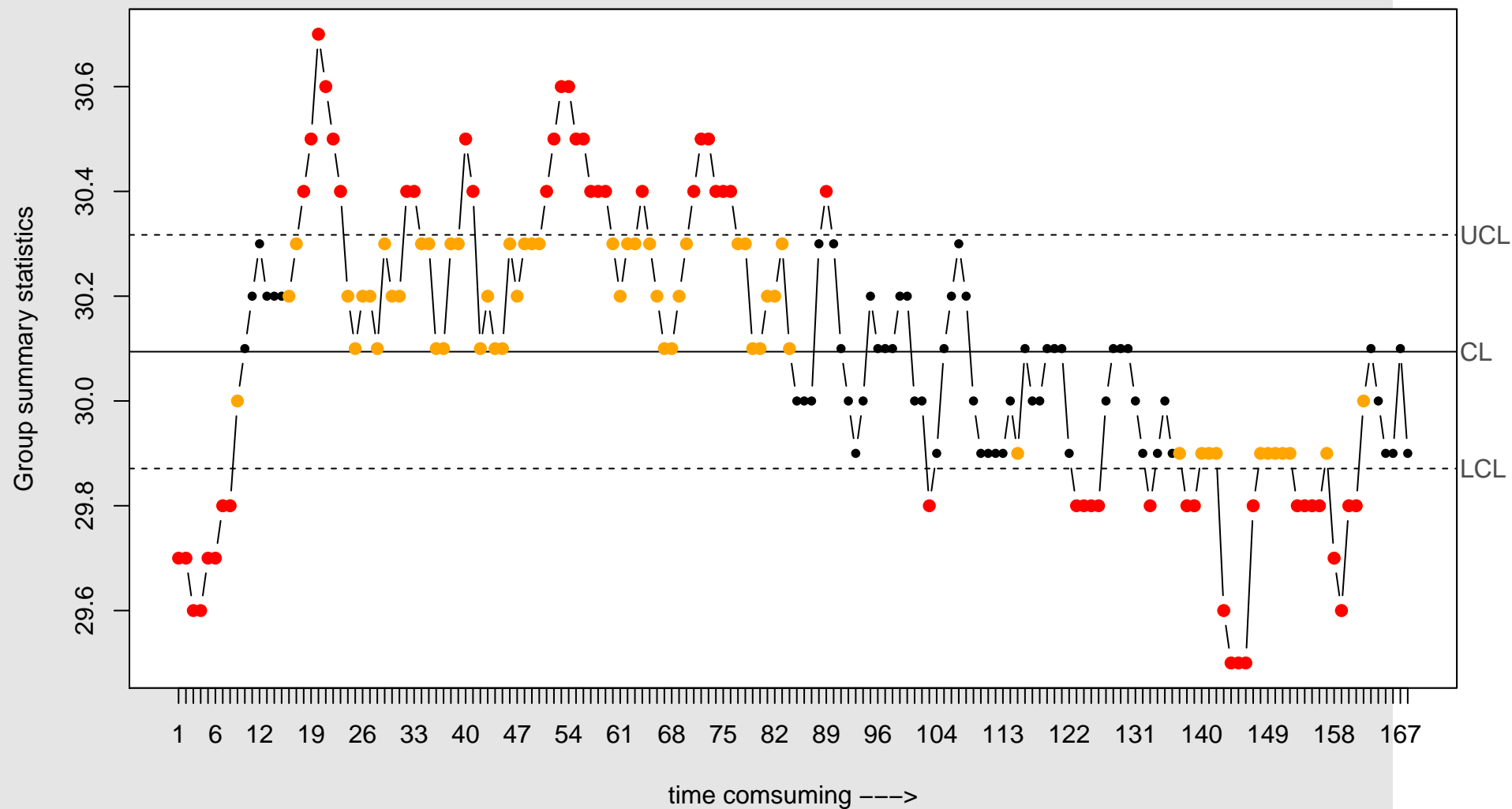


Number of groups = 168
 Center = 30.10298
 StdDev = 0.08068968

LCL = 29.86091
 UCL = 30.34505

Number beyond limits = 63
 Number violating runs = 84

22th column point of this product

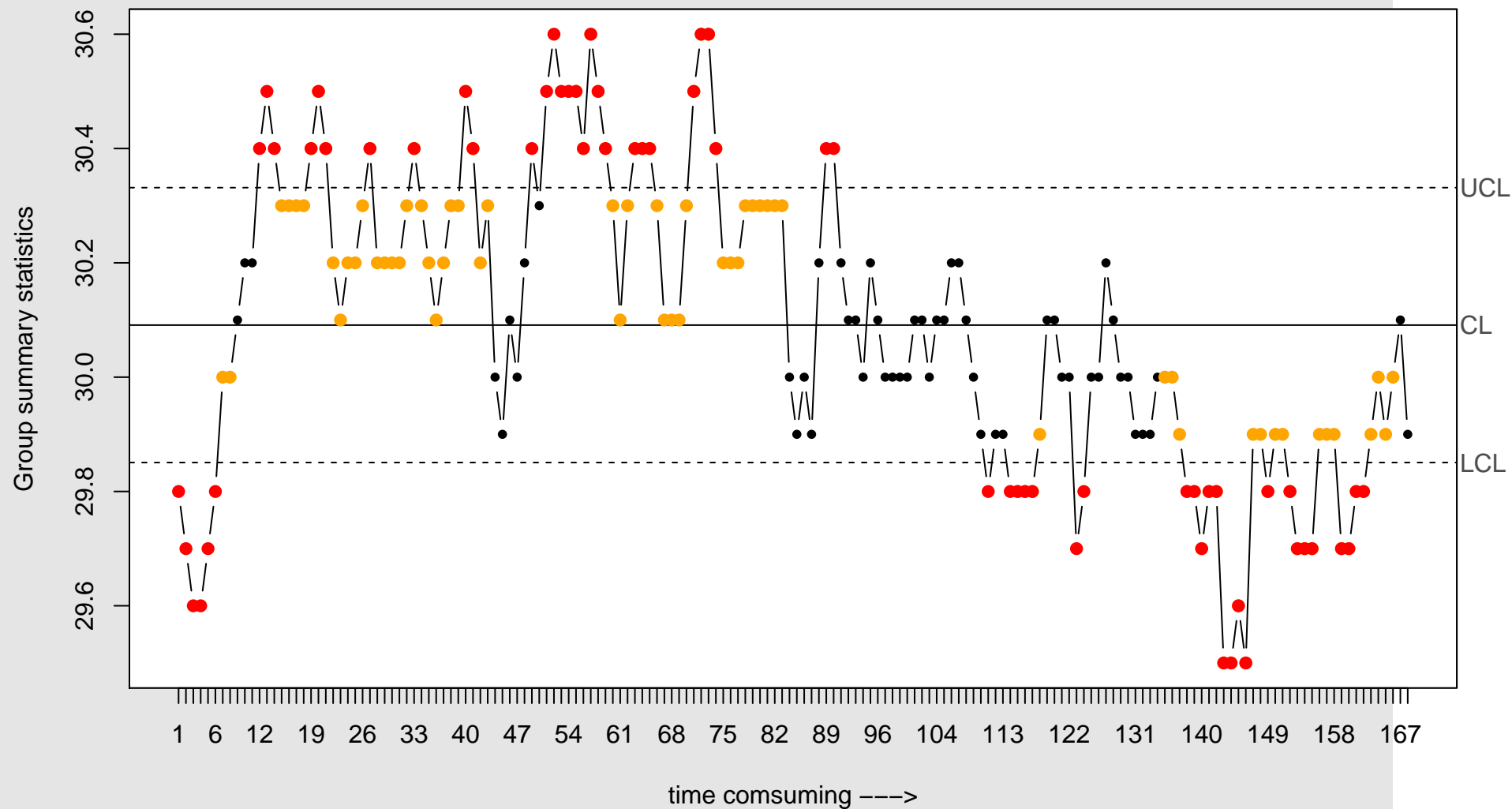


Number of groups = 168
 Center = 30.09405
 StdDev = 0.07431945

LCL = 29.87109
 UCL = 30.31701

Number beyond limits = 56
 Number violating runs = 99

23th column point of this product



Number of groups = 168

Center = 30.09107

StdDev = 0.08015883

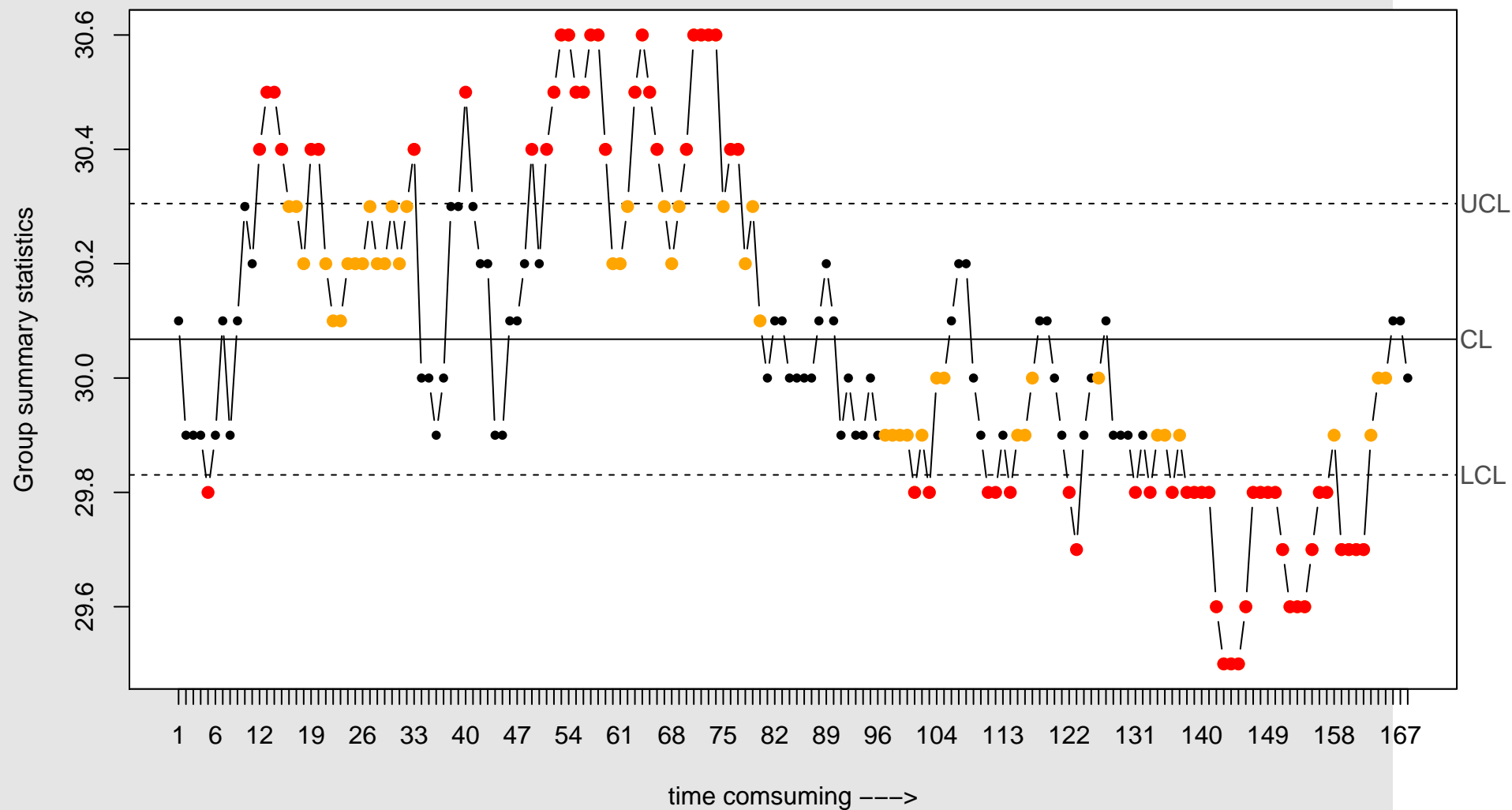
LCL = 29.85059

UCL = 30.33155

Number beyond limits = 60

Number violating runs = 97

24th column point of this product



Number of groups = 168

Center = 30.06786

StdDev = 0.07909712

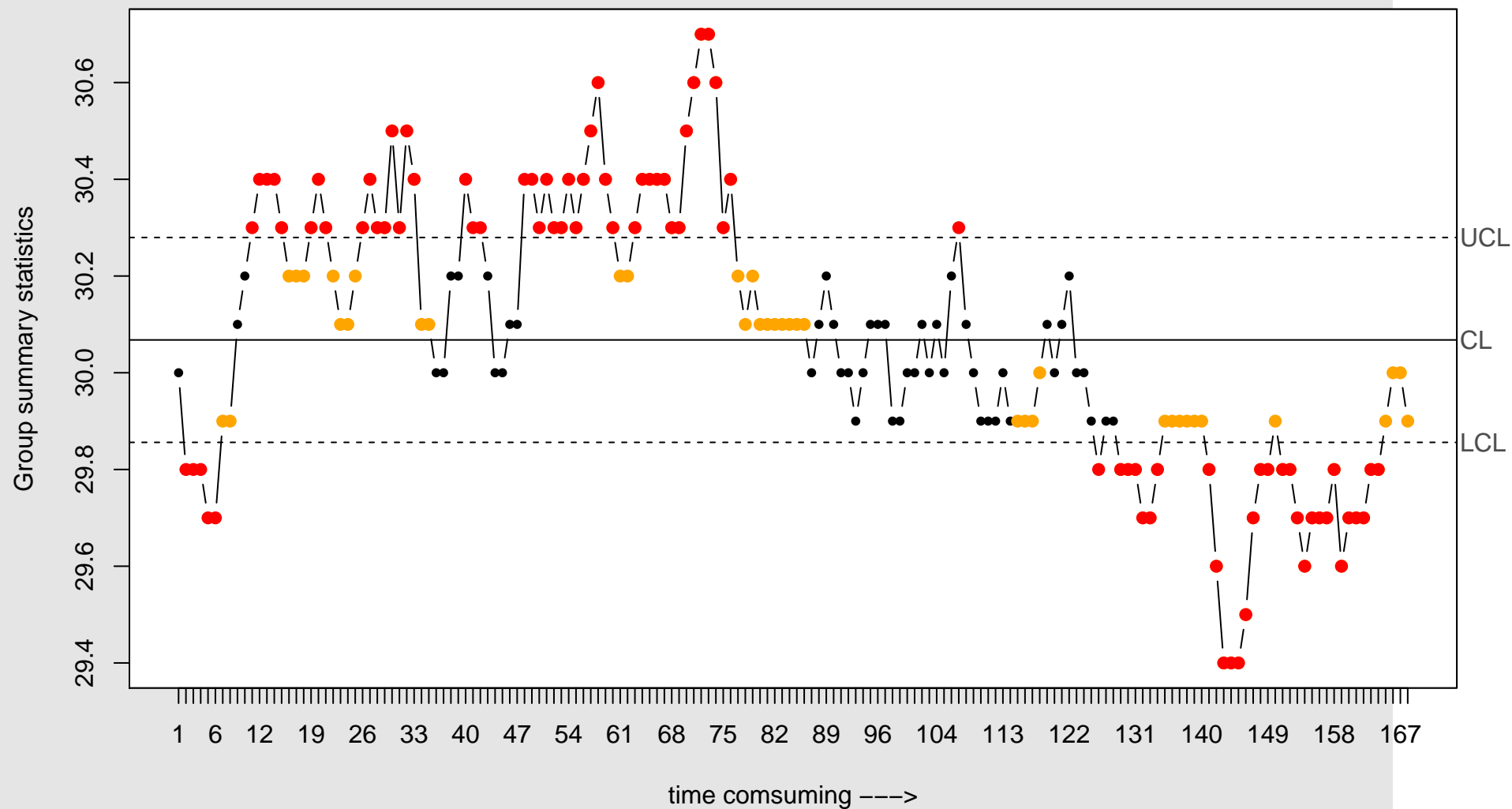
LCL = 29.83057

UCL = 30.30515

Number beyond limits = 64

Number violating runs = 93

25th column point of this product



Number of groups = 168

Center = 30.06786

StdDev = 0.07060347

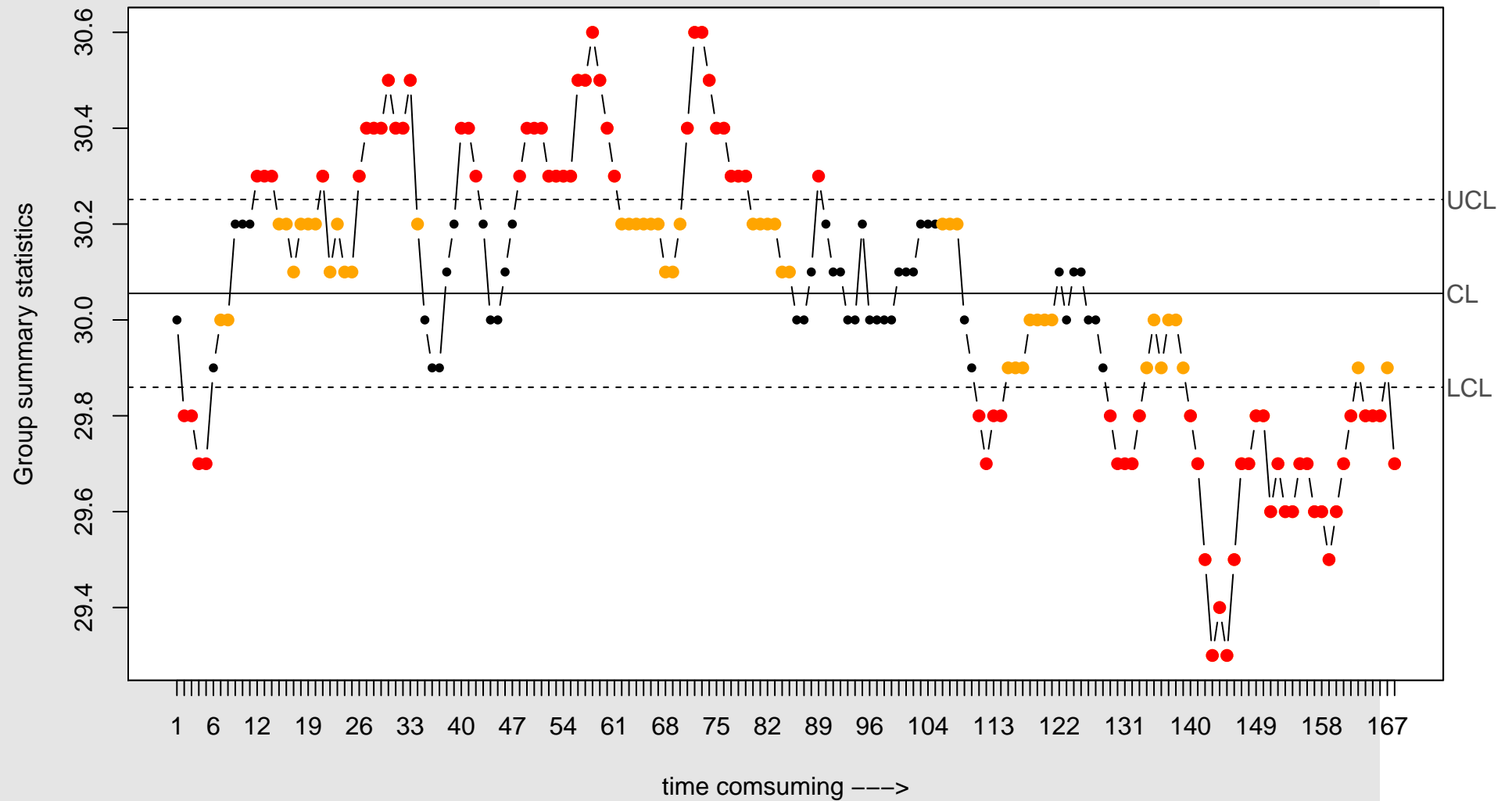
LCL = 29.85605

UCL = 30.27967

Number beyond limits = 82

Number violating runs = 102

26th column point of this product

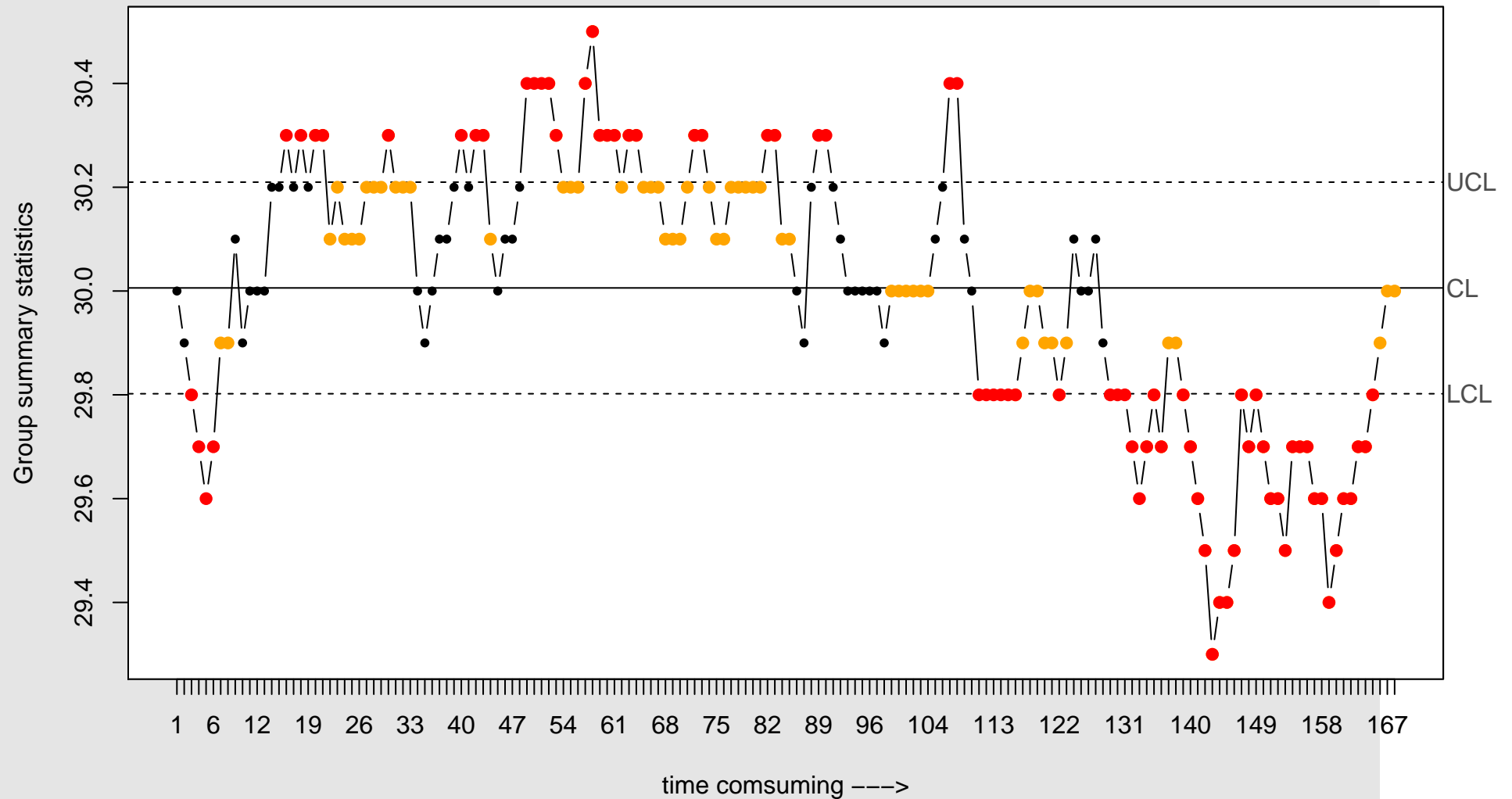


Number of groups = 168
Center = 30.05536
StdDev = 0.06529494

LCL = 29.85947
UCL = 30.25124

Number beyond limits = 79
Number violating runs = 103

27th column point of this product



Number of groups = 168

Center = 30.00595

StdDev = 0.06794921

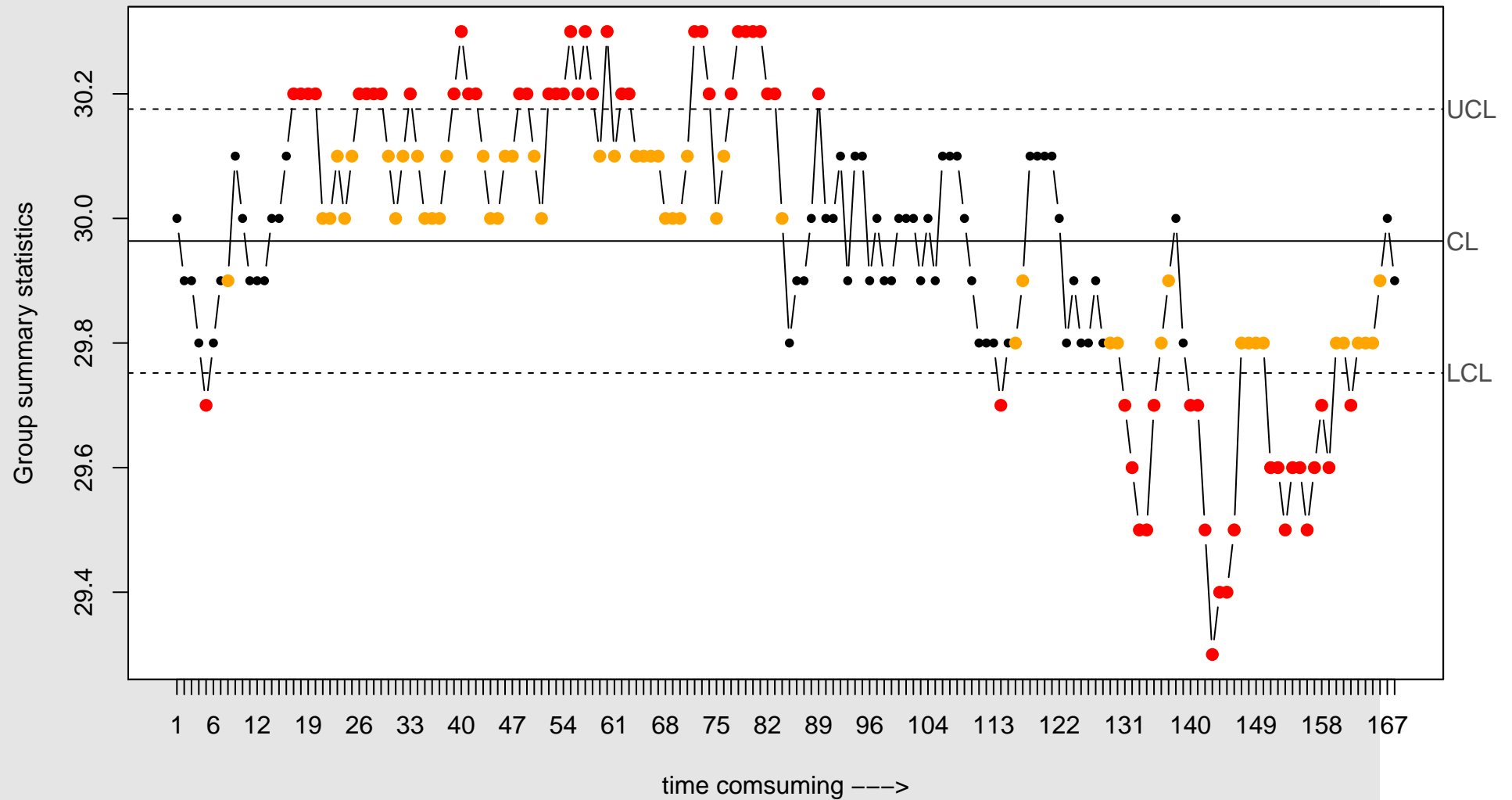
LCL = 29.8021

UCL = 30.2098

Number beyond limits = 74

Number violating runs = 101

28th column point of this product



Number of groups = 168

Center = 29.96369

StdDev = 0.07060347

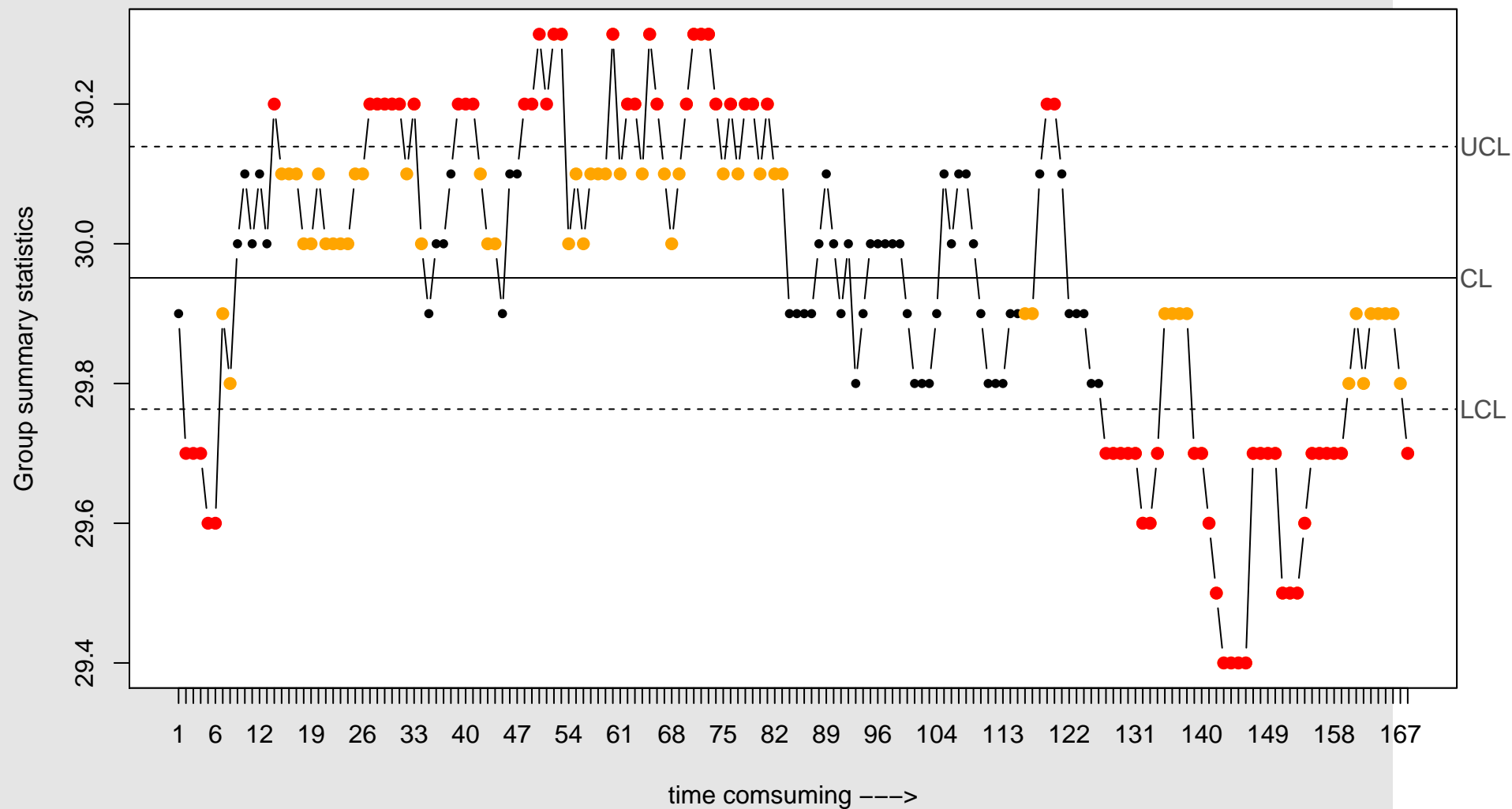
LCL = 29.75188

UCL = 30.1755

Number beyond limits = 60

Number violating runs = 99

29th column point of this product

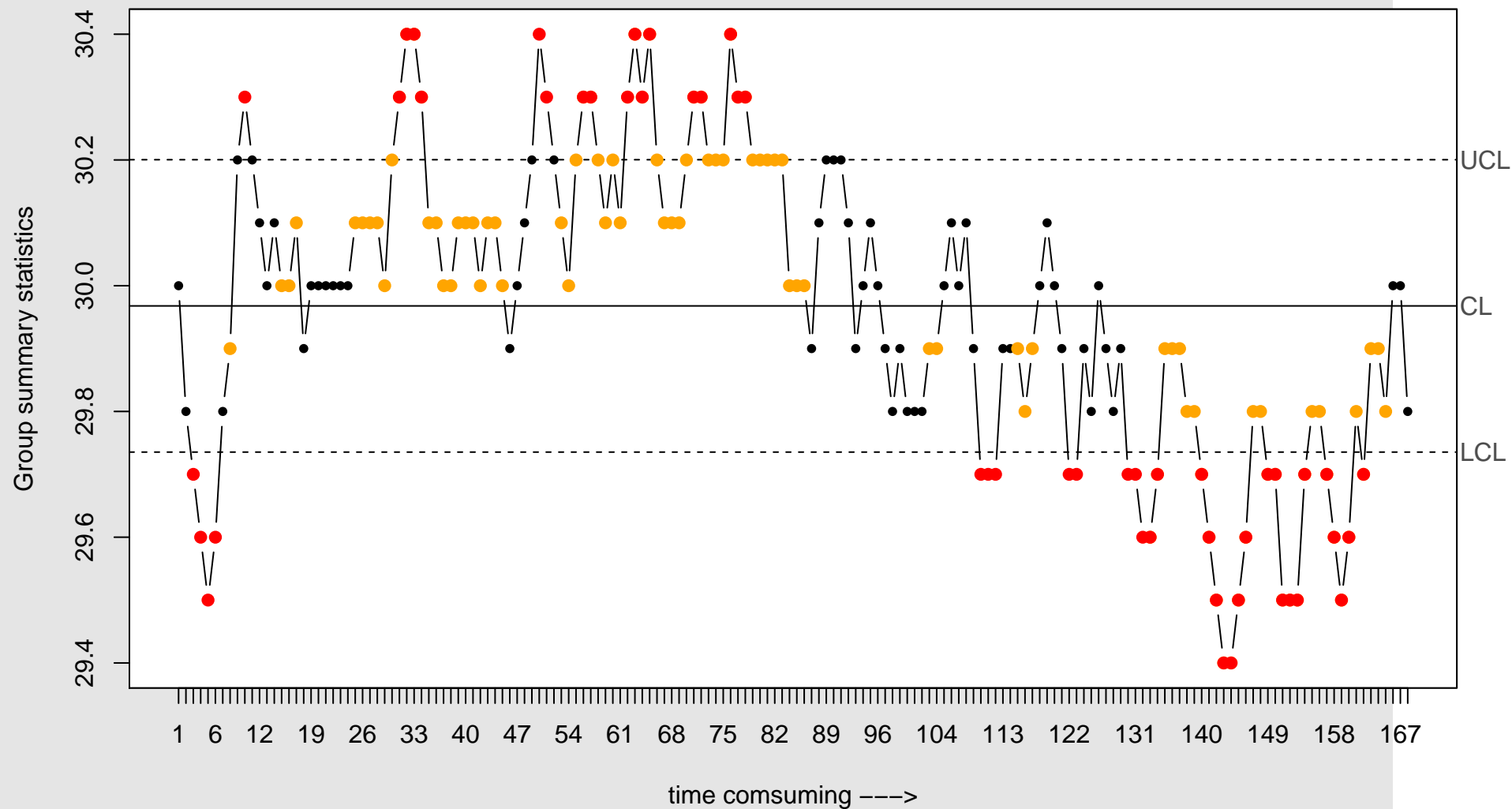


Number of groups = 168
Center = 29.95119
StdDev = 0.06264068

LCL = 29.76327
UCL = 30.13911

Number beyond limits = 67
Number violating runs = 100

30th column point of this product

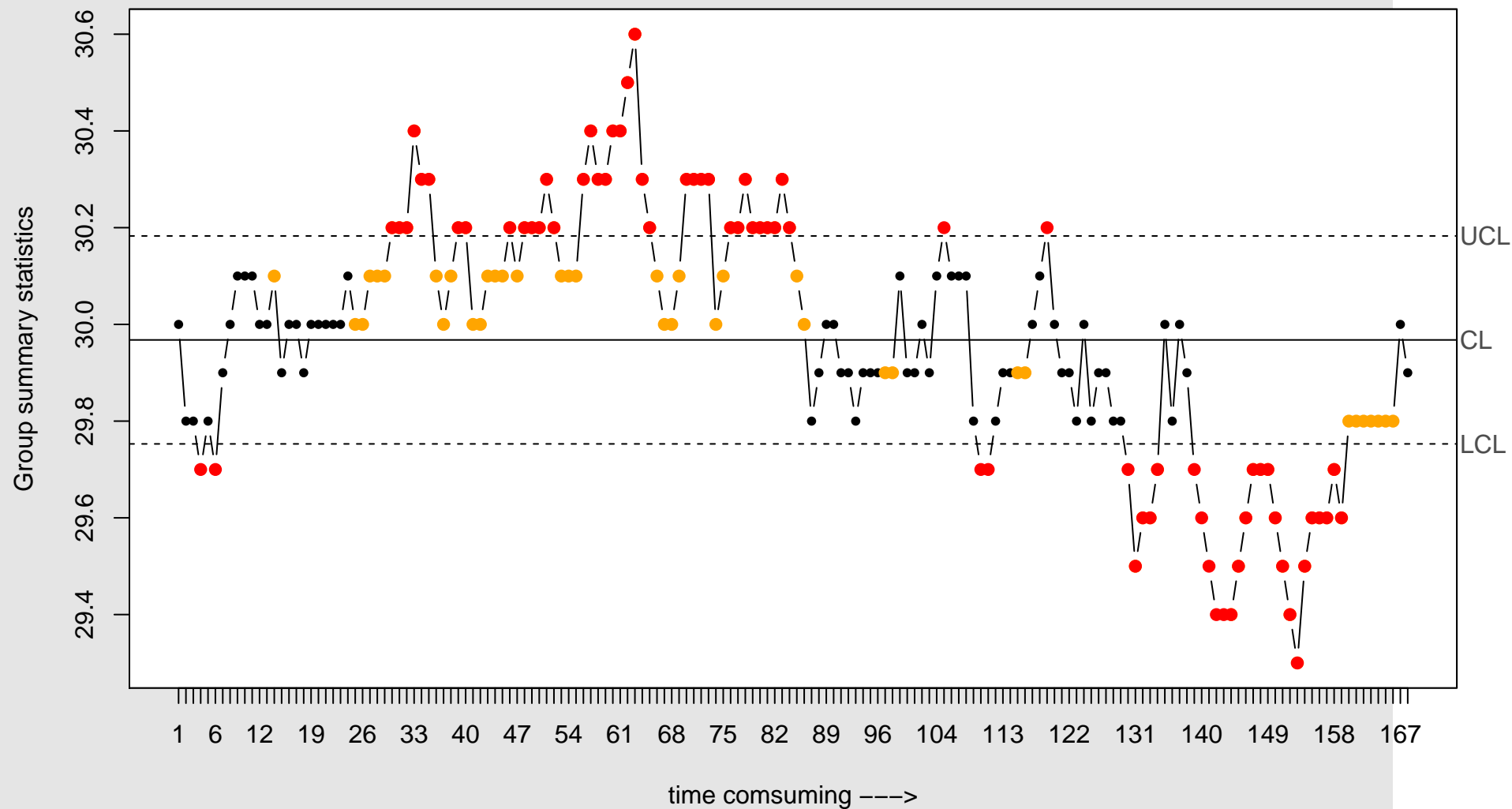


Number of groups = 168
Center = 29.96786
StdDev = 0.07750457

LCL = 29.73534
UCL = 30.20037

Number beyond limits = 50
Number violating runs = 97

31th column point of this product

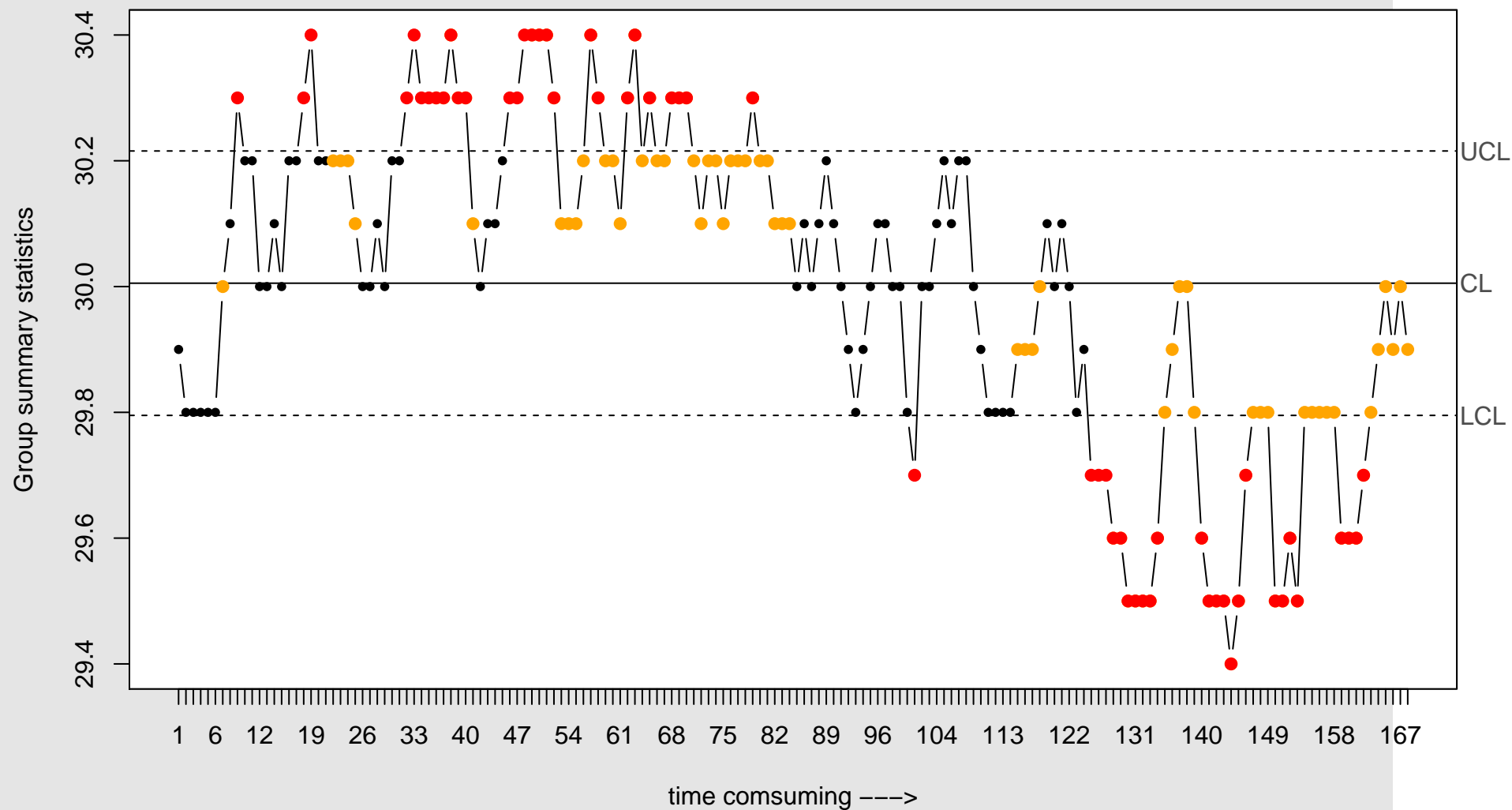


Number of groups = 168
Center = 29.96786
StdDev = 0.07166518

LCL = 29.75286
UCL = 30.18285

Number beyond limits = 69
Number violating runs = 94

32th column point of this product



Number of groups = 168

Center = 30.00536

StdDev = 0.07007262

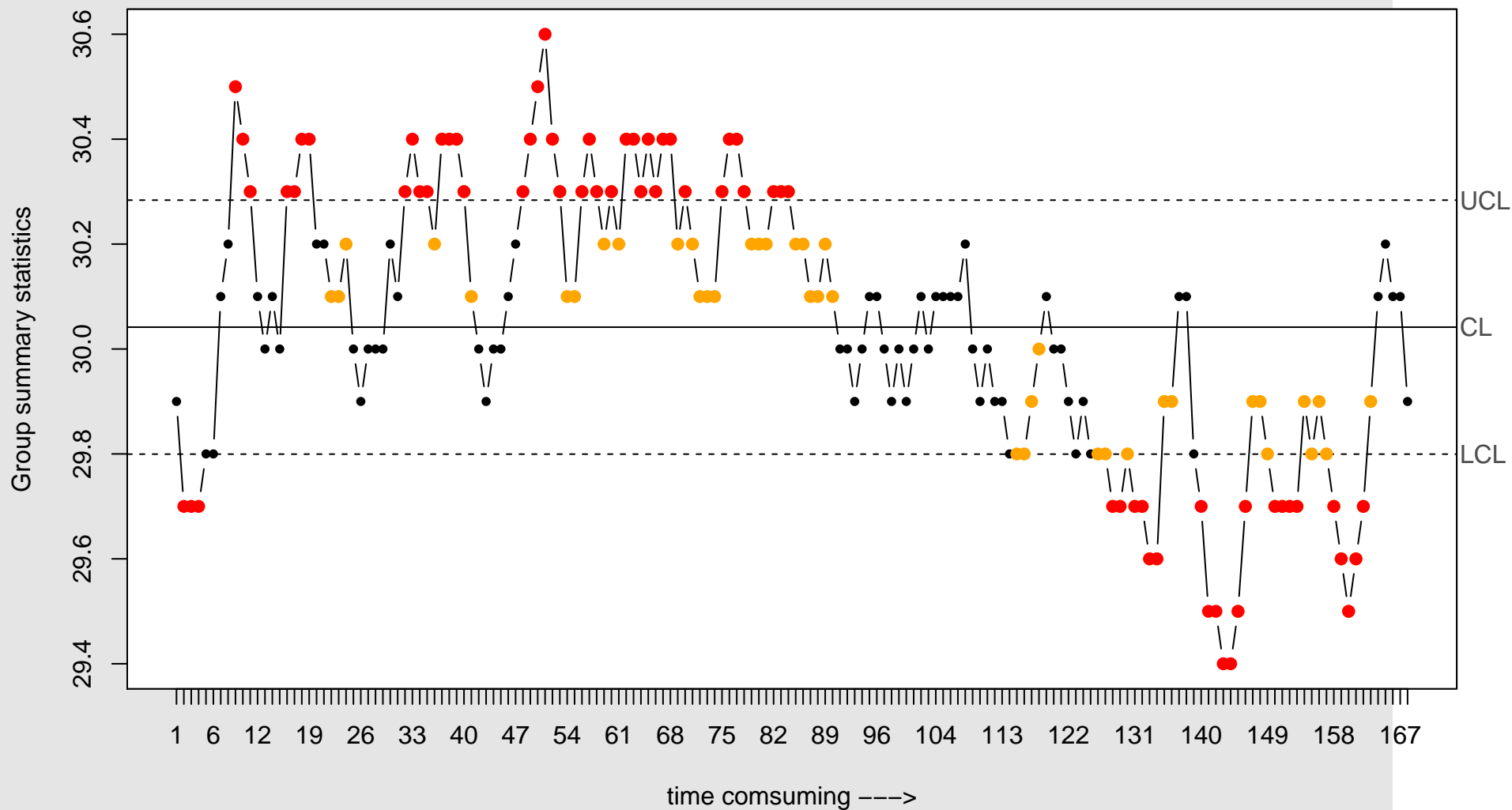
LCL = 29.79514

UCL = 30.21558

Number beyond limits = 54

Number violating runs = 92

33th column point of this product

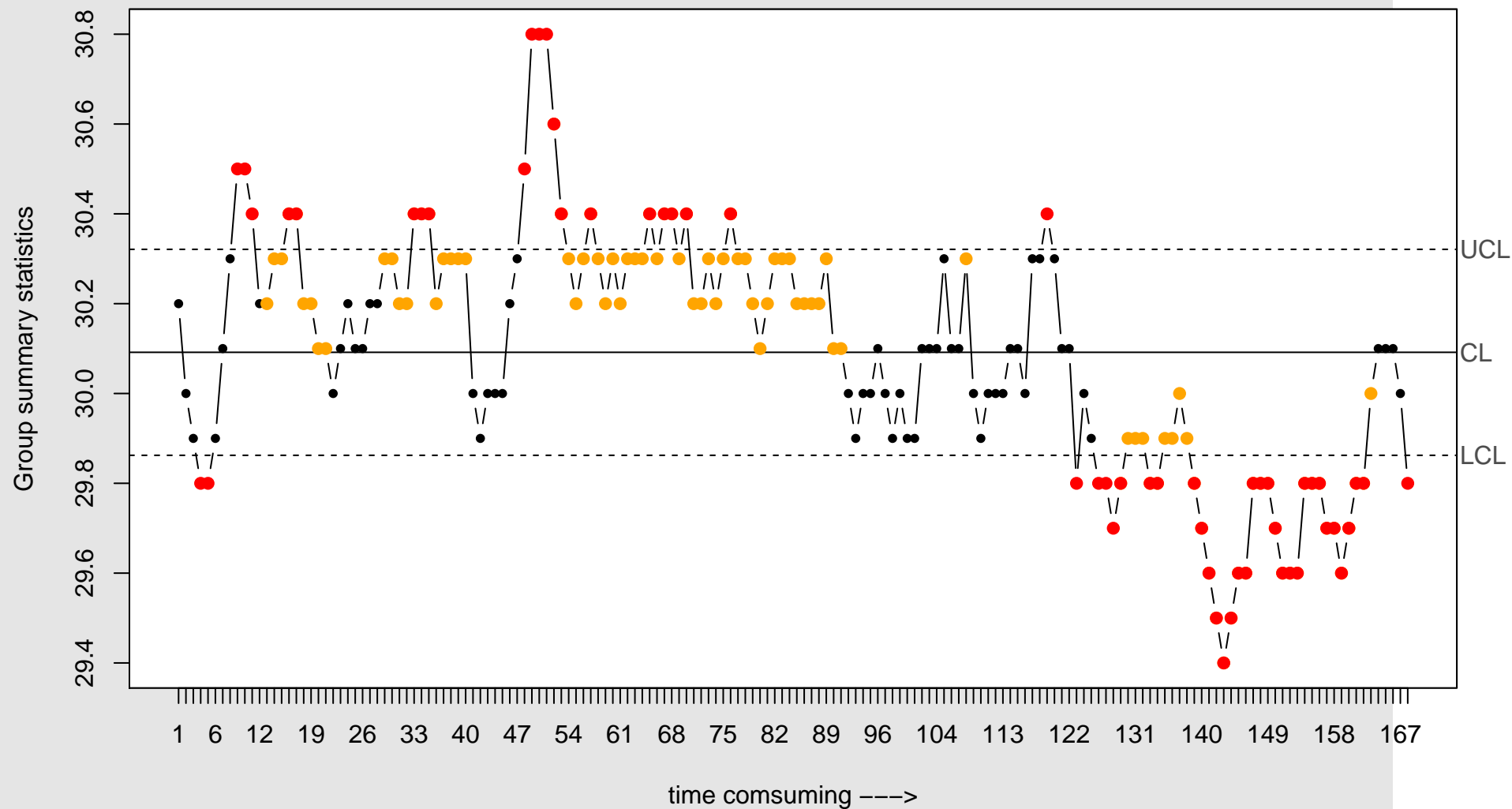


Number of groups = 168
 Center = 30.04167
 StdDev = 0.08068968

LCL = 29.7996
 UCL = 30.28374

Number beyond limits = 65
 Number violating runs = 82

34th column point of this product



Number of groups = 168

Center = 30.09167

StdDev = 0.07644286

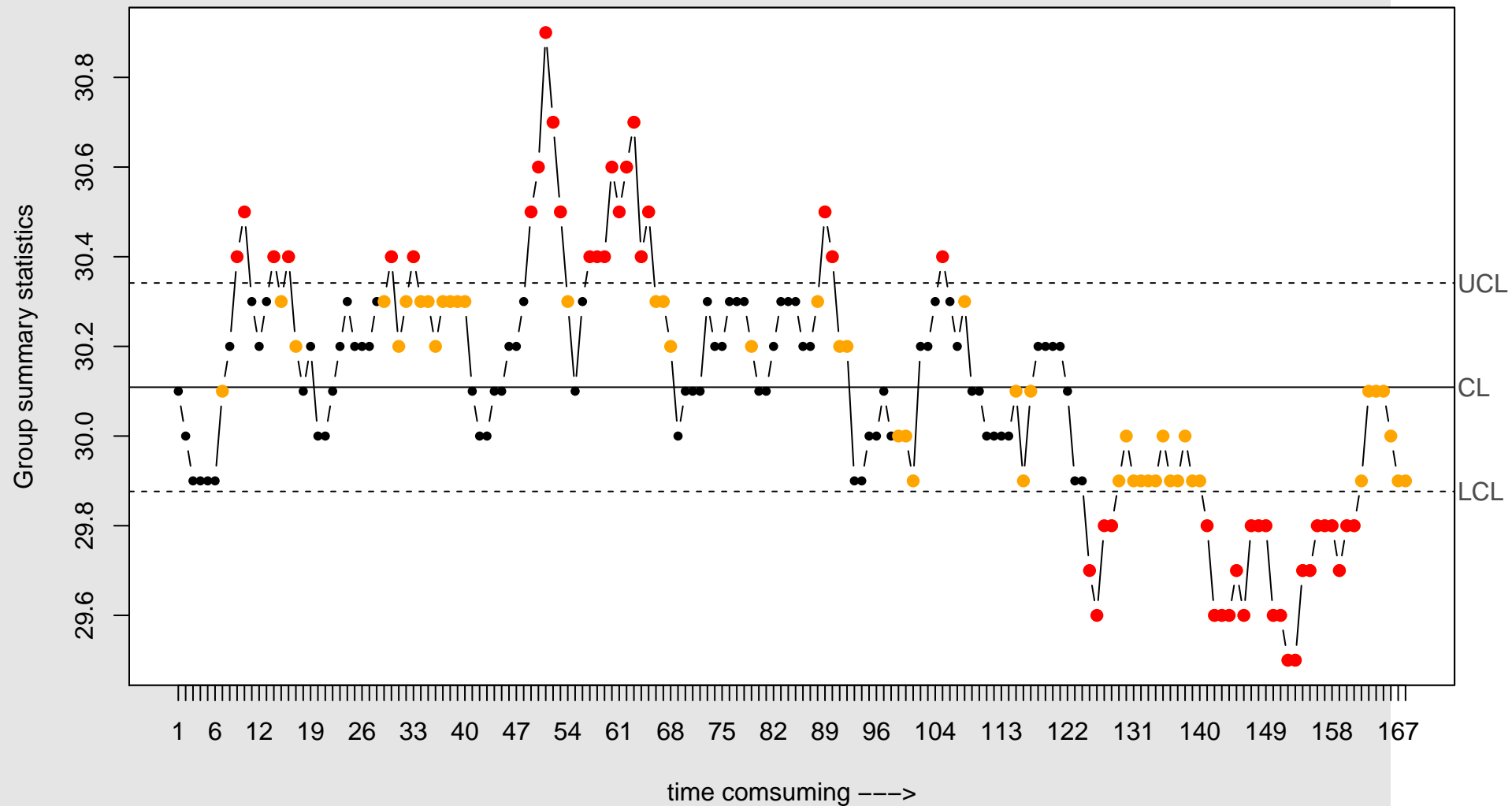
LCL = 29.86234

UCL = 30.321

Number beyond limits = 55

Number violating runs = 97

35th column point of this product



Number of groups = 168

Center = 30.10893

StdDev = 0.07750457

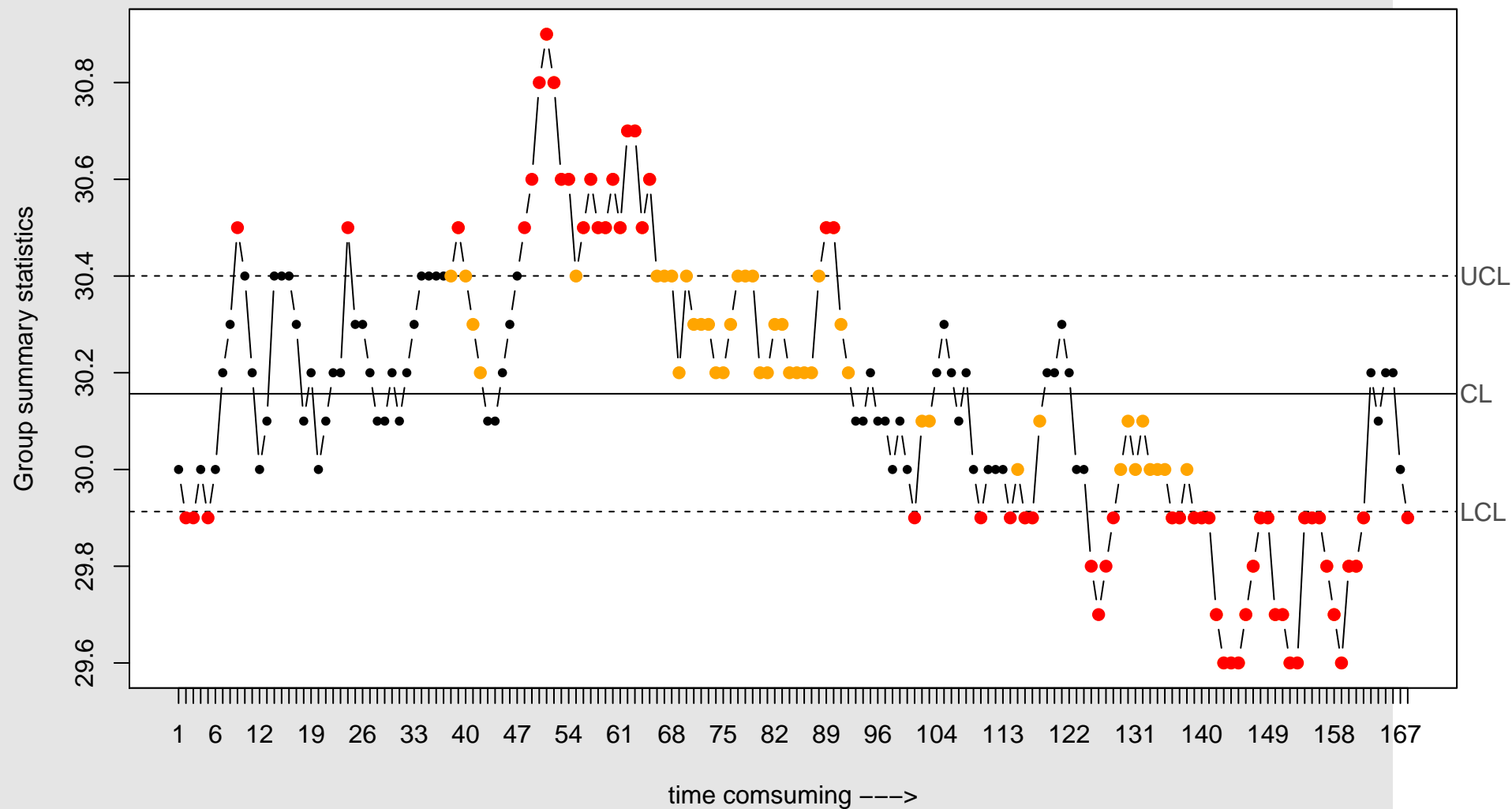
LCL = 29.87641

UCL = 30.34144

Number beyond limits = 48

Number violating runs = 81

36th column point of this product



Number of groups = 168

Center = 30.15655

StdDev = 0.08122054

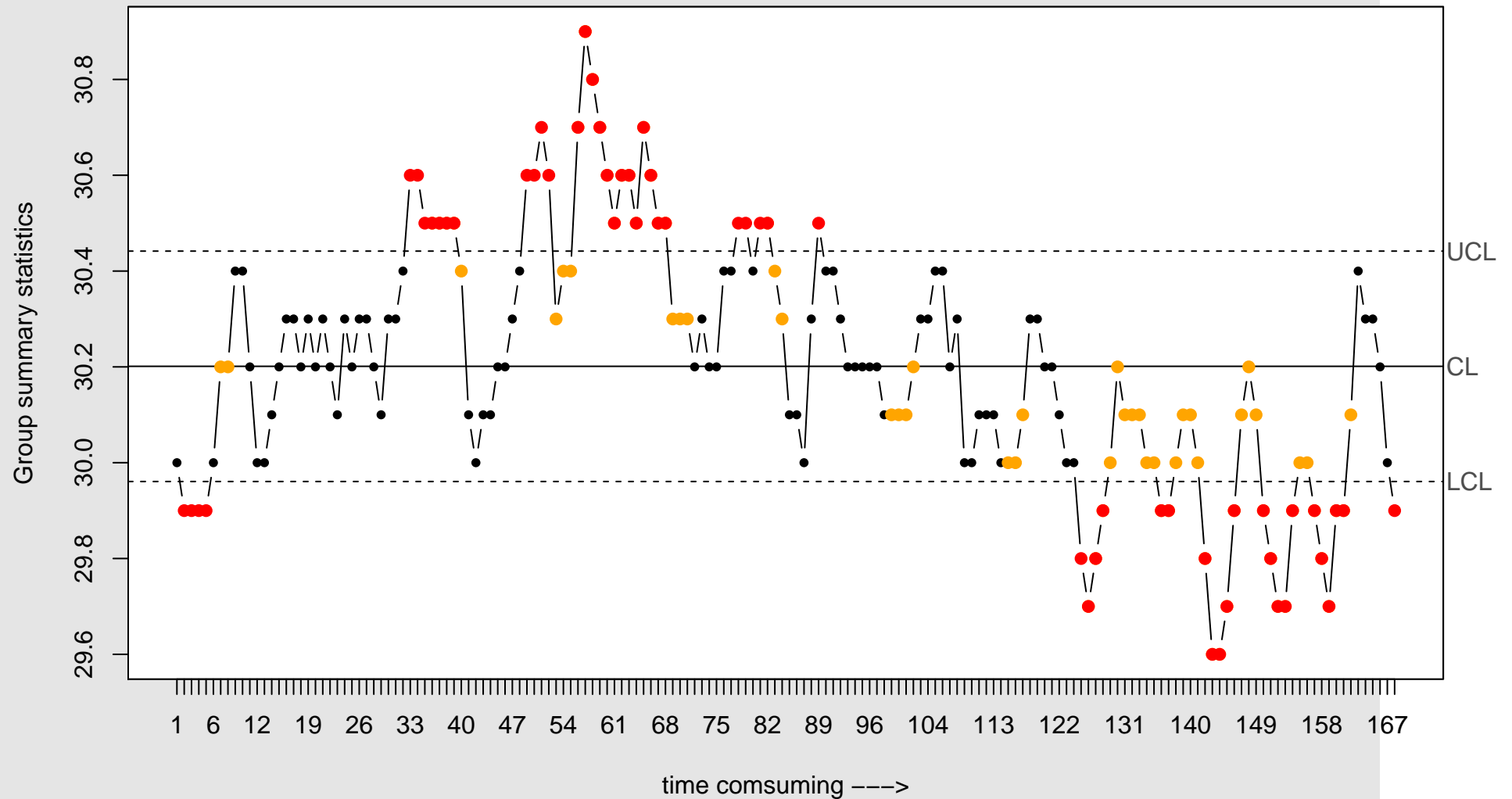
LCL = 29.91289

UCL = 30.40021

Number beyond limits = 61

Number violating runs = 87

37th column point of this product



Number of groups = 168

Center = 30.20119

StdDev = 0.08015883

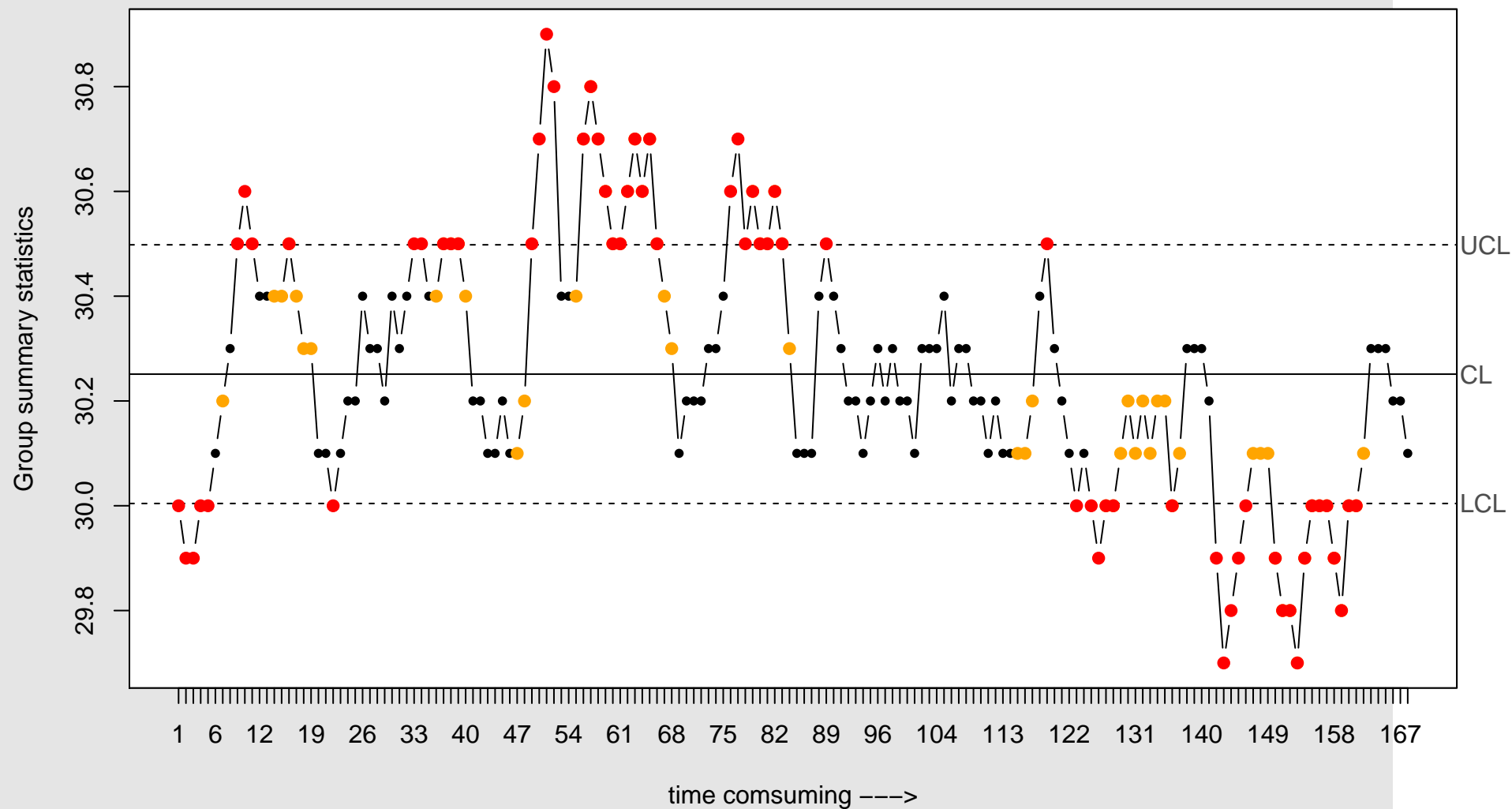
LCL = 29.96071

UCL = 30.44167

Number beyond limits = 55

Number violating runs = 73

38th column point of this product



Number of groups = 168

Center = 30.25119

StdDev = 0.08228224

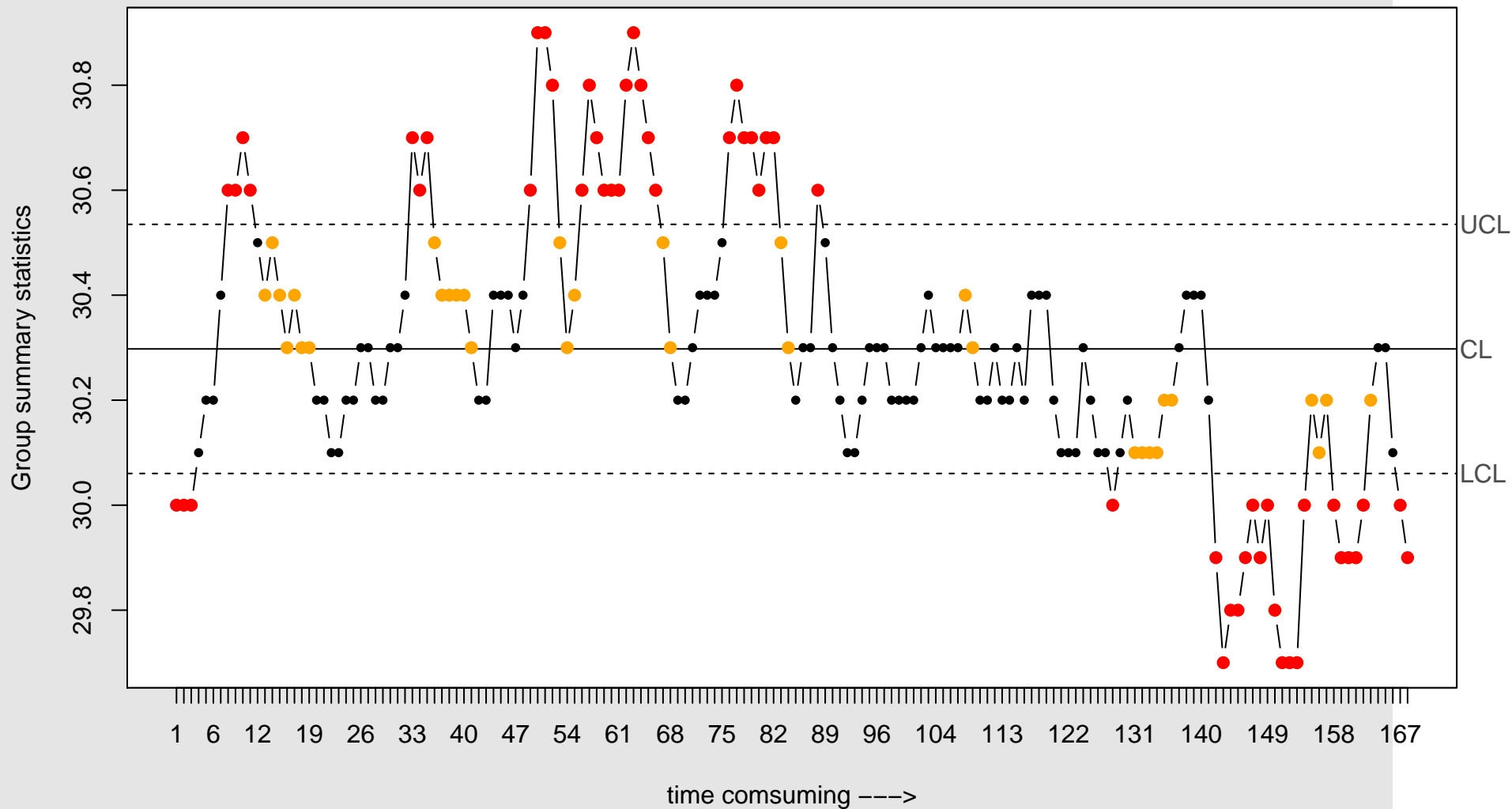
LCL = 30.00434

UCL = 30.49804

Number beyond limits = 63

Number violating runs = 64

39th column point of this product



Number of groups = 168

Center = 30.29762

StdDev = 0.07909712

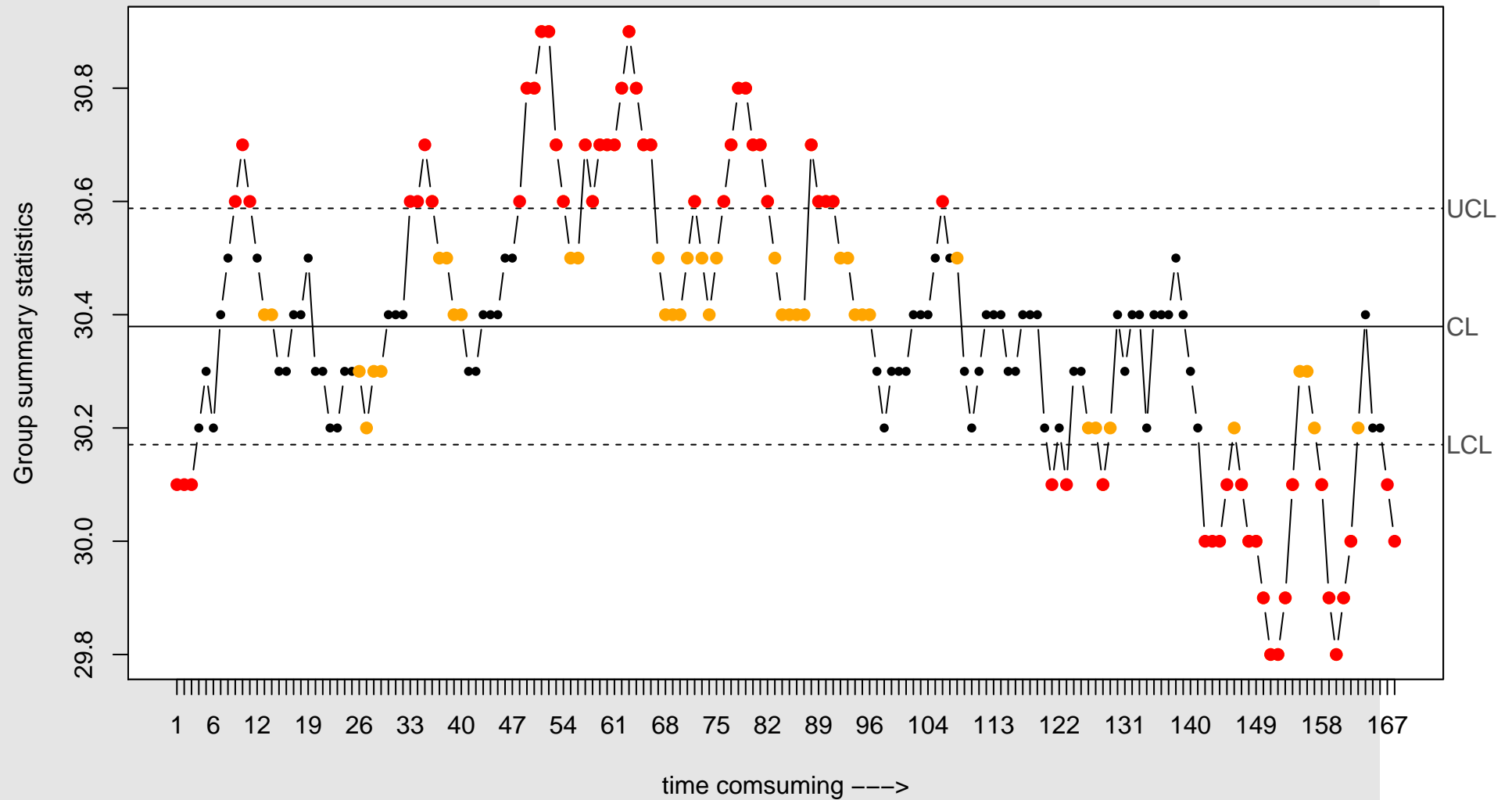
LCL = 30.06033

UCL = 30.53491

Number beyond limits = 54

Number violating runs = 65

40th column point of this product



Number of groups = 168

Center = 30.37917

StdDev = 0.06954177

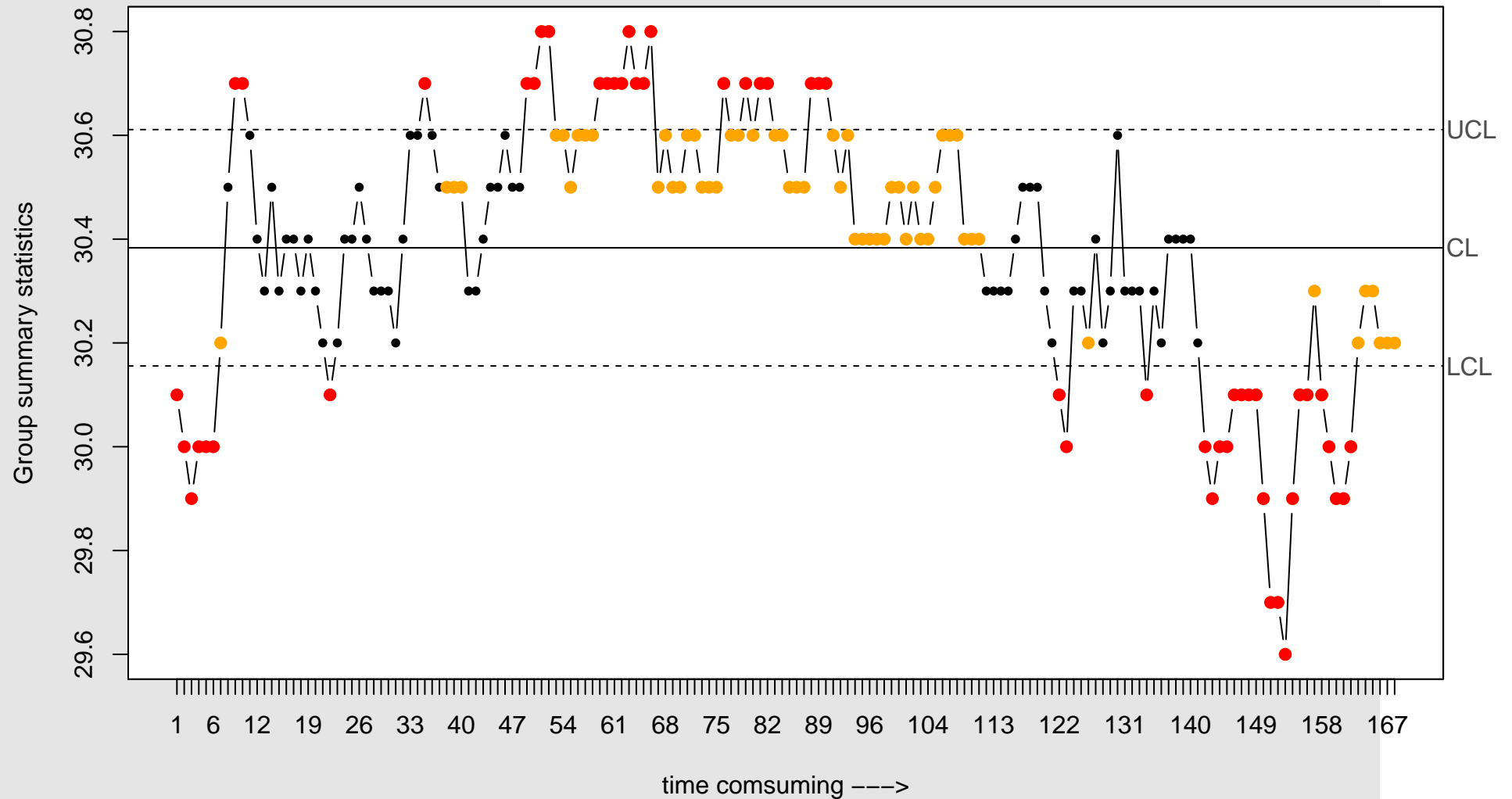
LCL = 30.17054

UCL = 30.58779

Number beyond limits = 62

Number violating runs = 82

41th column point of this product

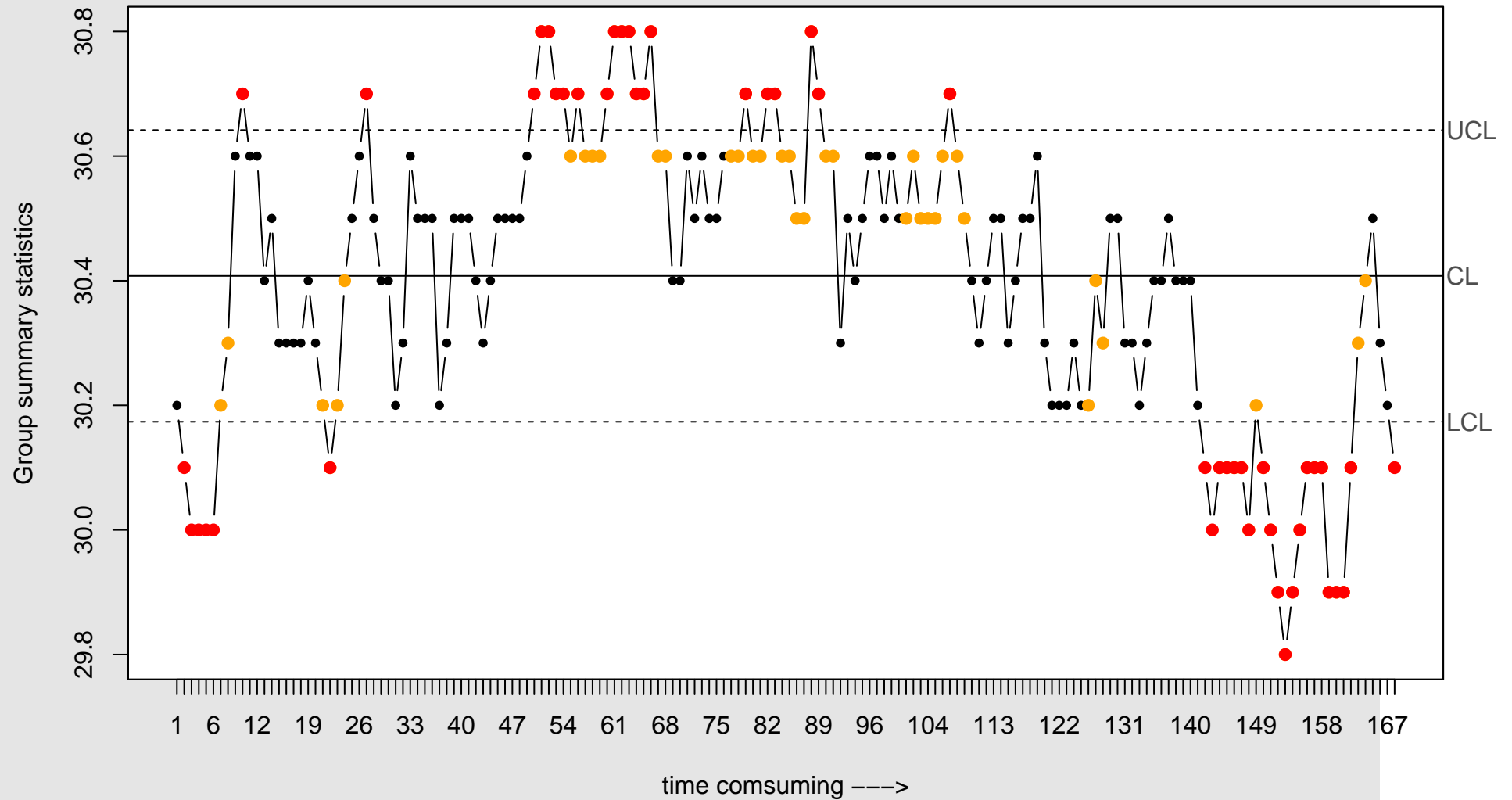


Number of groups = 168
 Center = 30.38333
 StdDev = 0.07591201

LCL = 30.1556
 UCL = 30.61107

Number beyond limits = 52
 Number violating runs = 90

42th column point of this product



Number of groups = 168

Center = 30.40774

StdDev = 0.07803542

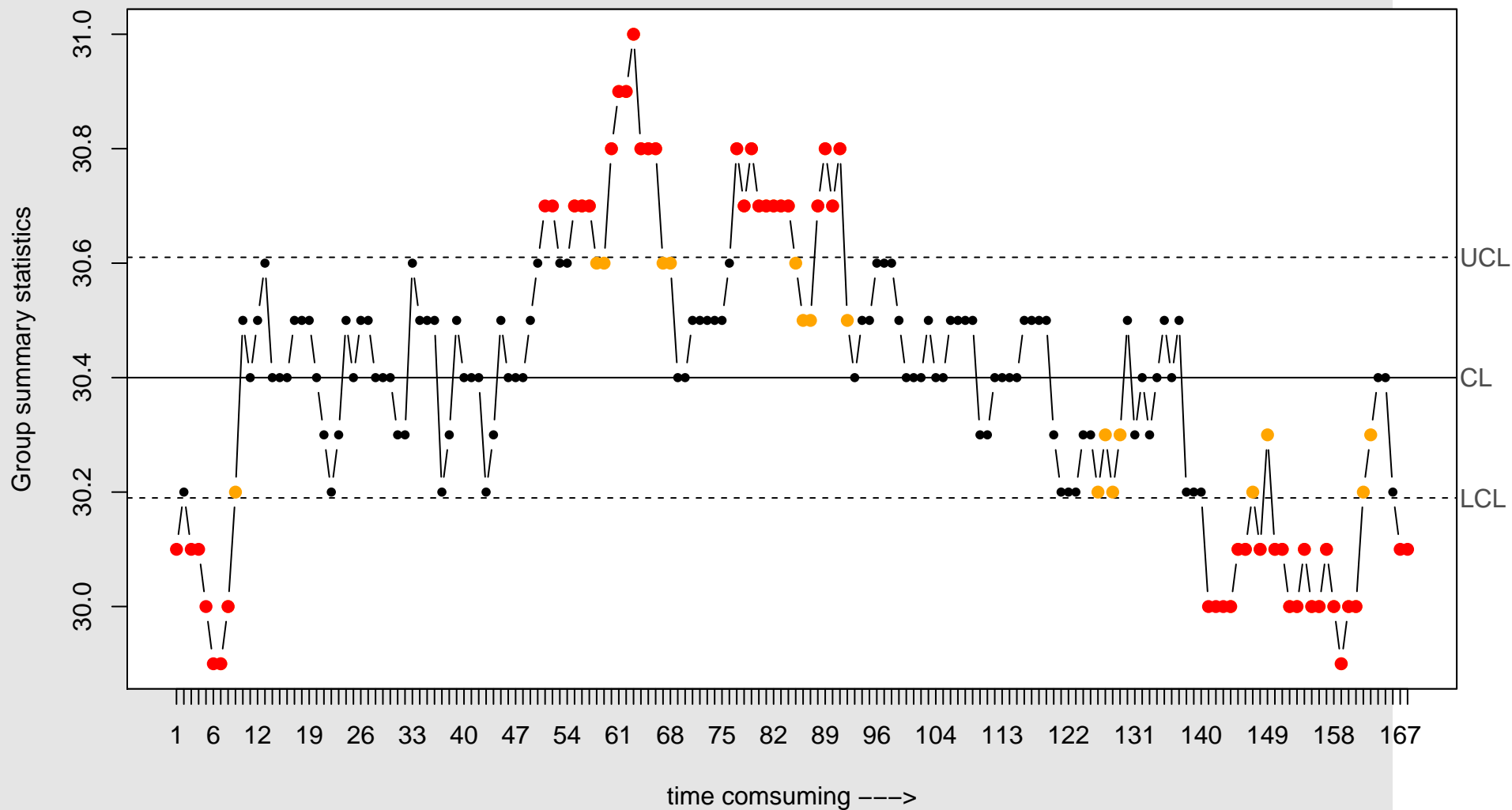
LCL = 30.17363

UCL = 30.64184

Number beyond limits = 48

Number violating runs = 72

43th column point of this product



Number of groups = 168

Center = 30.4

StdDev = 0.07007262

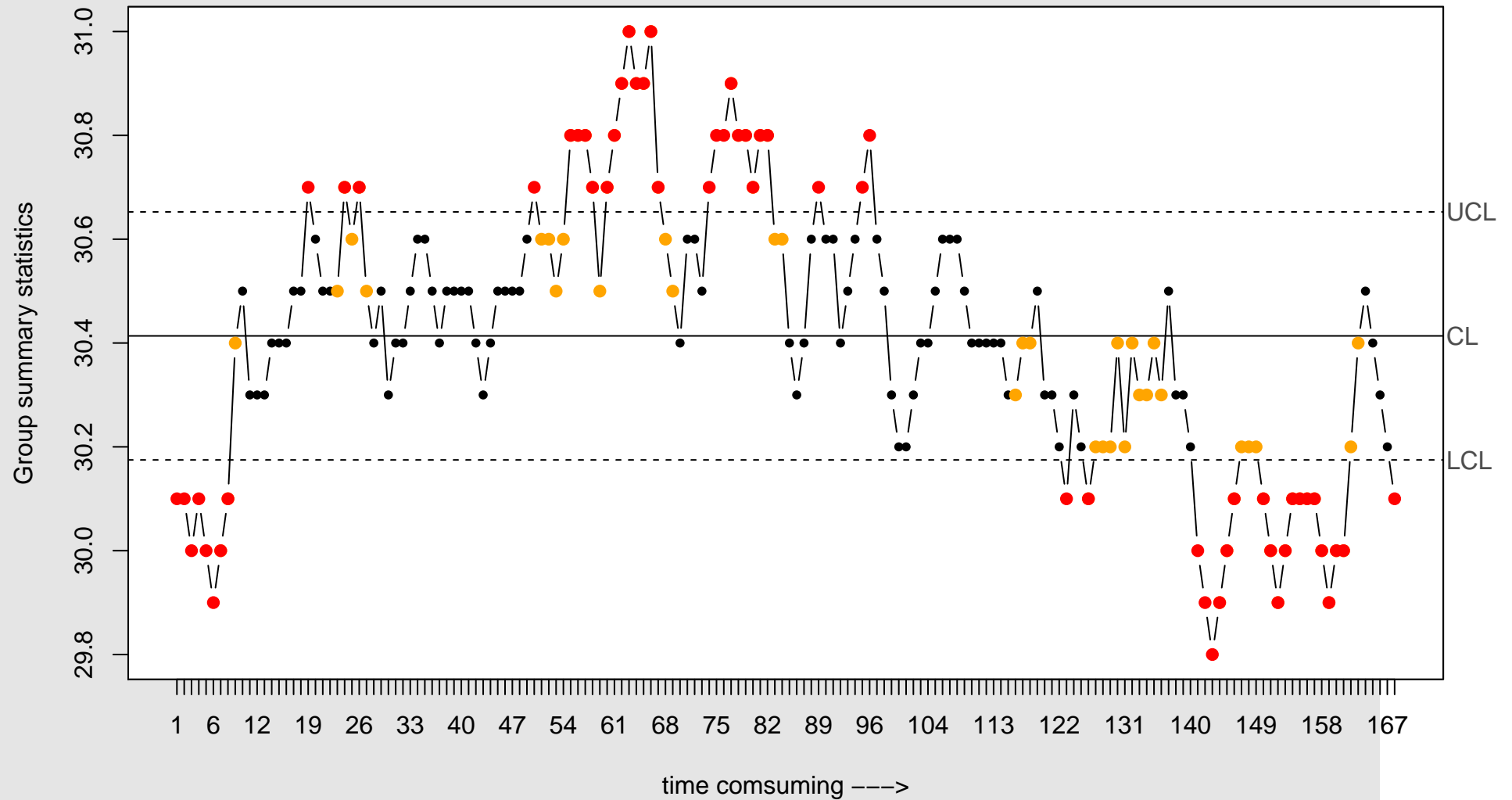
LCL = 30.18978

UCL = 30.61022

Number beyond limits = 52

Number violating runs = 57

44th column point of this product



Number of groups = 168

Center = 30.41369

StdDev = 0.07962798

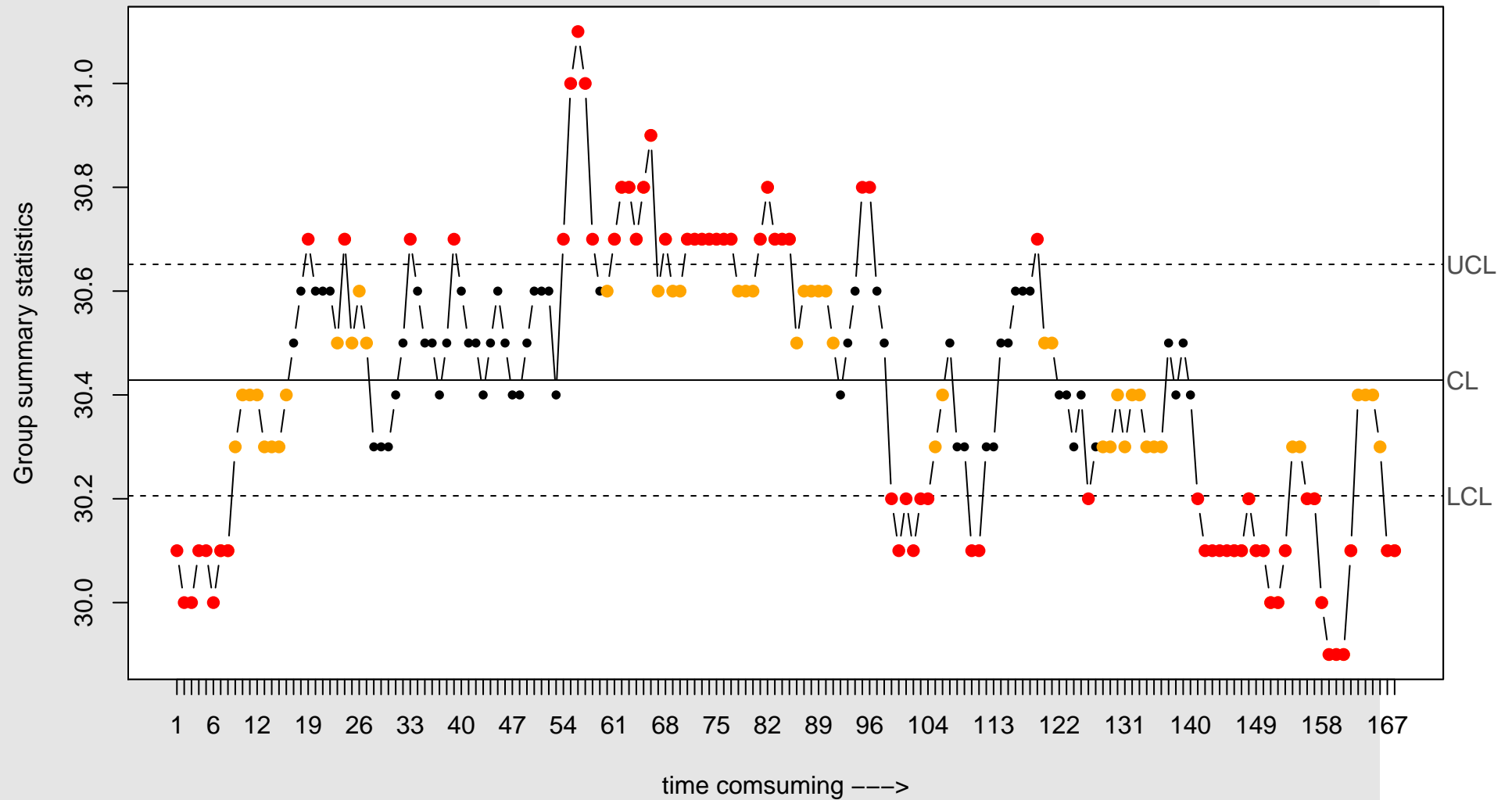
LCL = 30.17481

UCL = 30.65257

Number beyond limits = 57

Number violating runs = 69

45th column point of this product



Number of groups = 168

Center = 30.42857

StdDev = 0.07431945

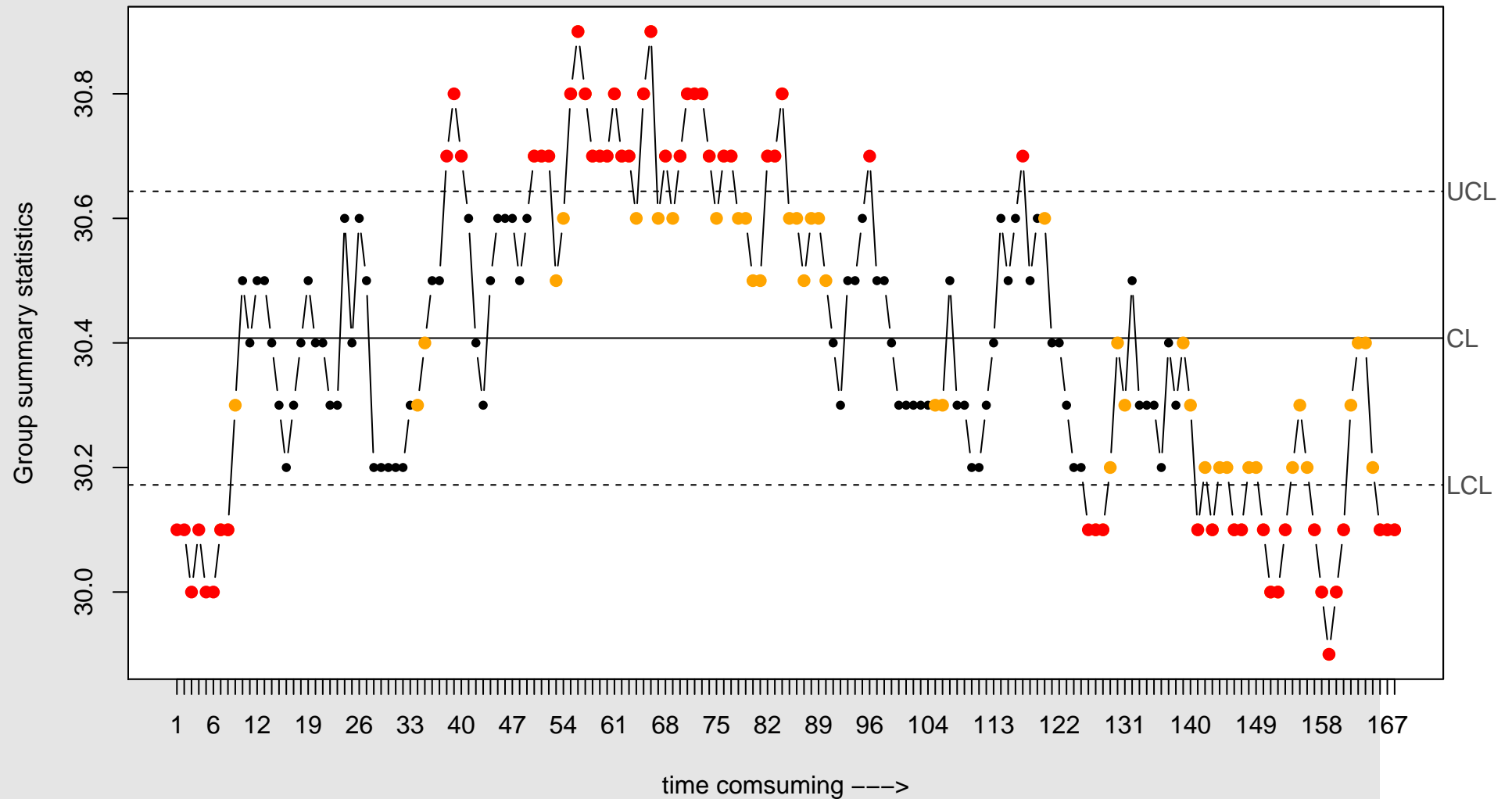
LCL = 30.20561

UCL = 30.65153

Number beyond limits = 70

Number violating runs = 83

46th column point of this product



Number of groups = 168

Center = 30.40774

StdDev = 0.07856627

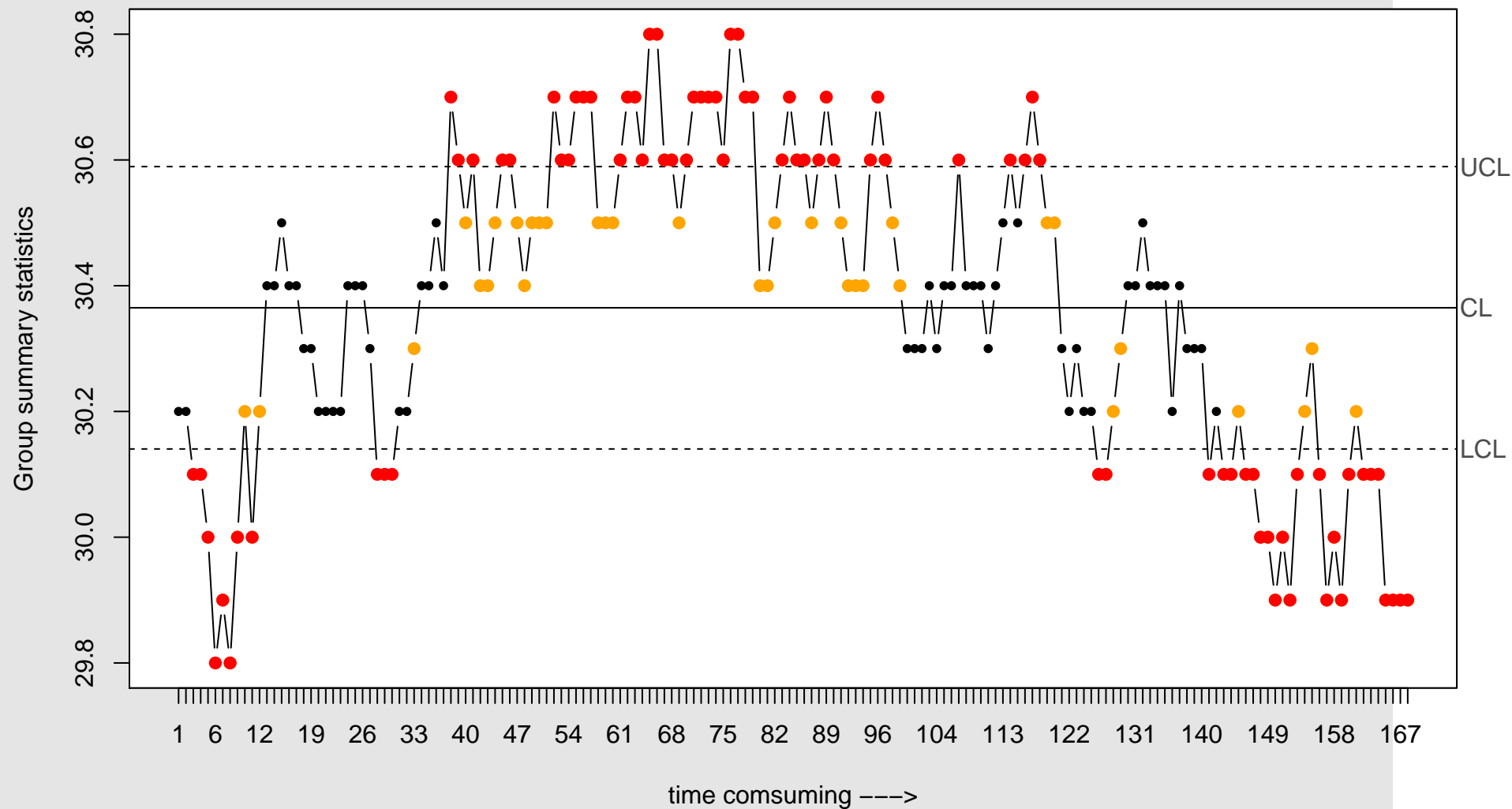
LCL = 30.17204

UCL = 30.64344

Number beyond limits = 57

Number violating runs = 84

47th column point of this product



Number of groups = 168

Center = 30.36488

StdDev = 0.0748503

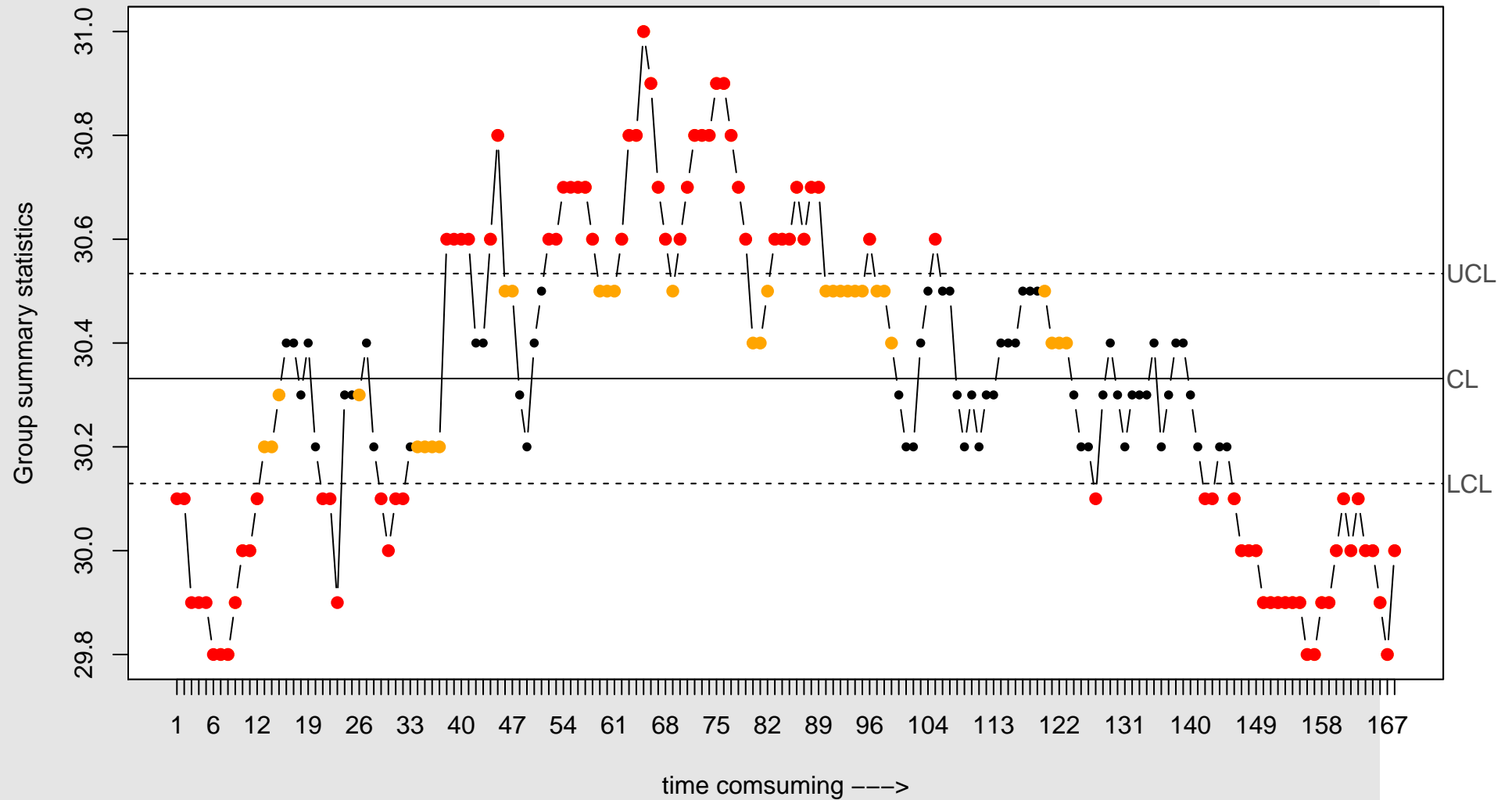
LCL = 30.14033

UCL = 30.58943

Number beyond limits = 80

Number violating runs = 98

48th column point of this product



Number of groups = 168

Center = 30.33155

StdDev = 0.06741835

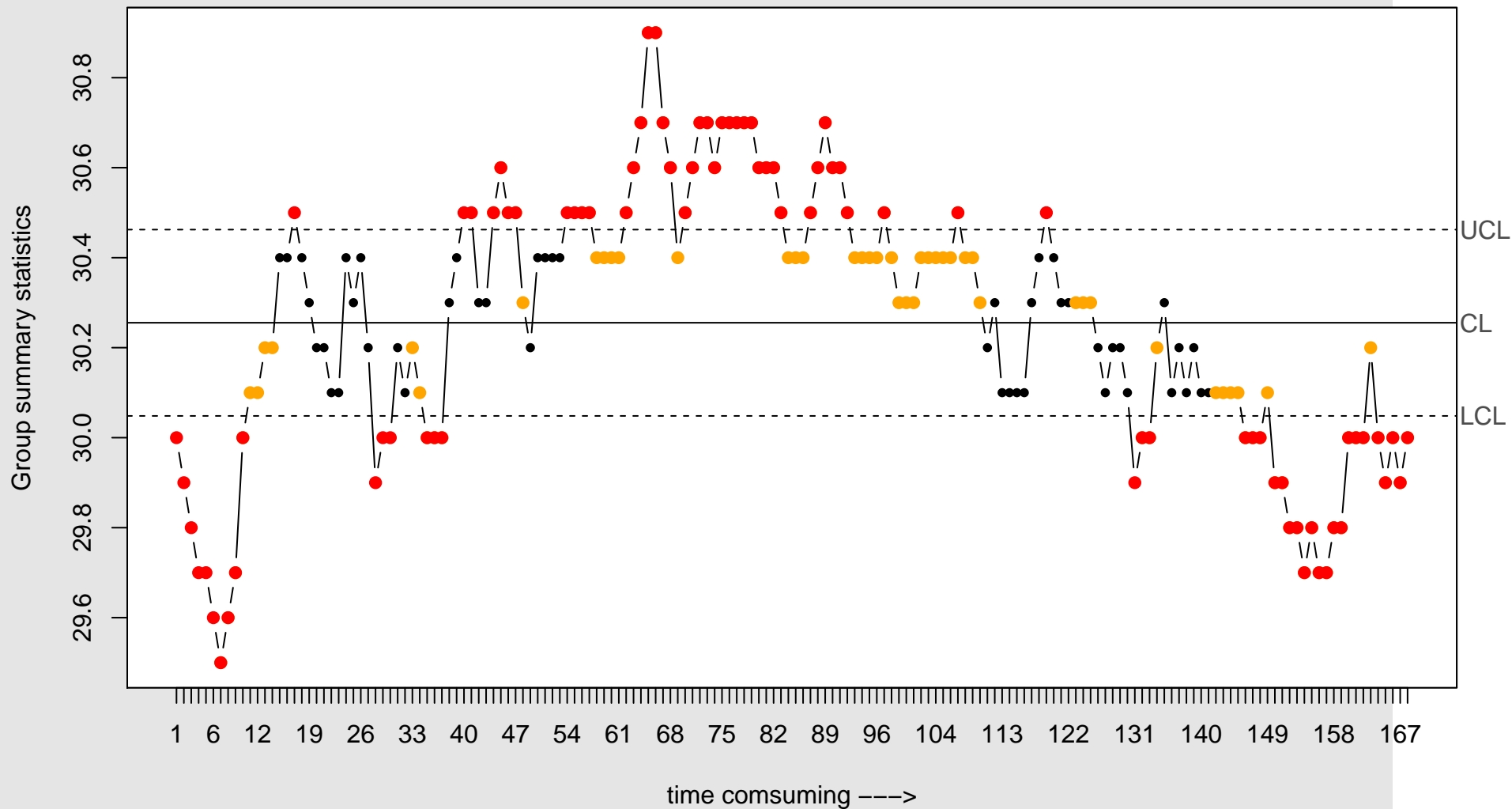
LCL = 30.12929

UCL = 30.5338

Number beyond limits = 84

Number violating runs = 89

49th column point of this product

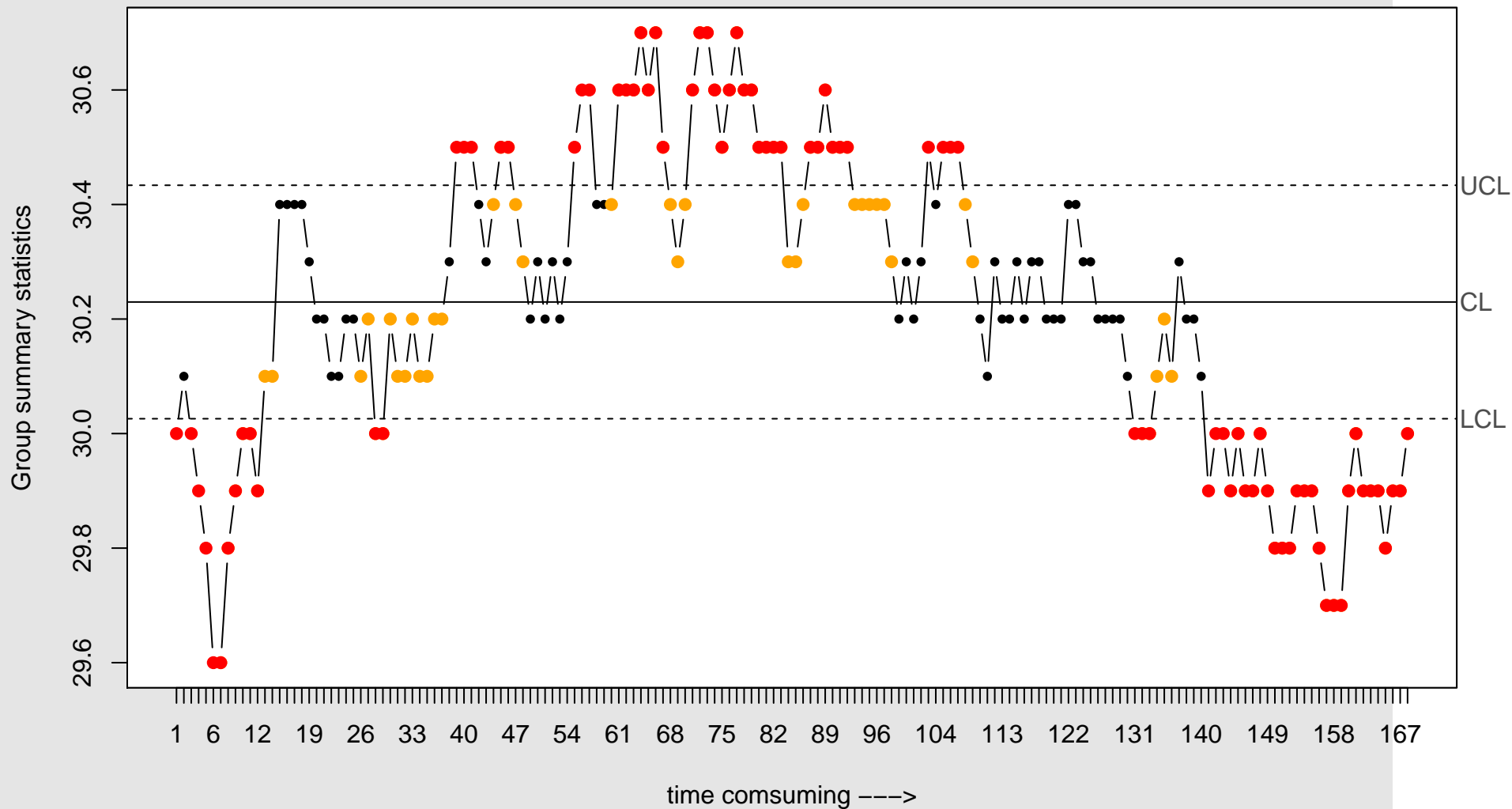


Number of groups = 168
 Center = 30.25536
 StdDev = 0.06901091

LCL = 30.04832
 UCL = 30.46239

Number beyond limits = 81
 Number violating runs = 106

50th column point of this product

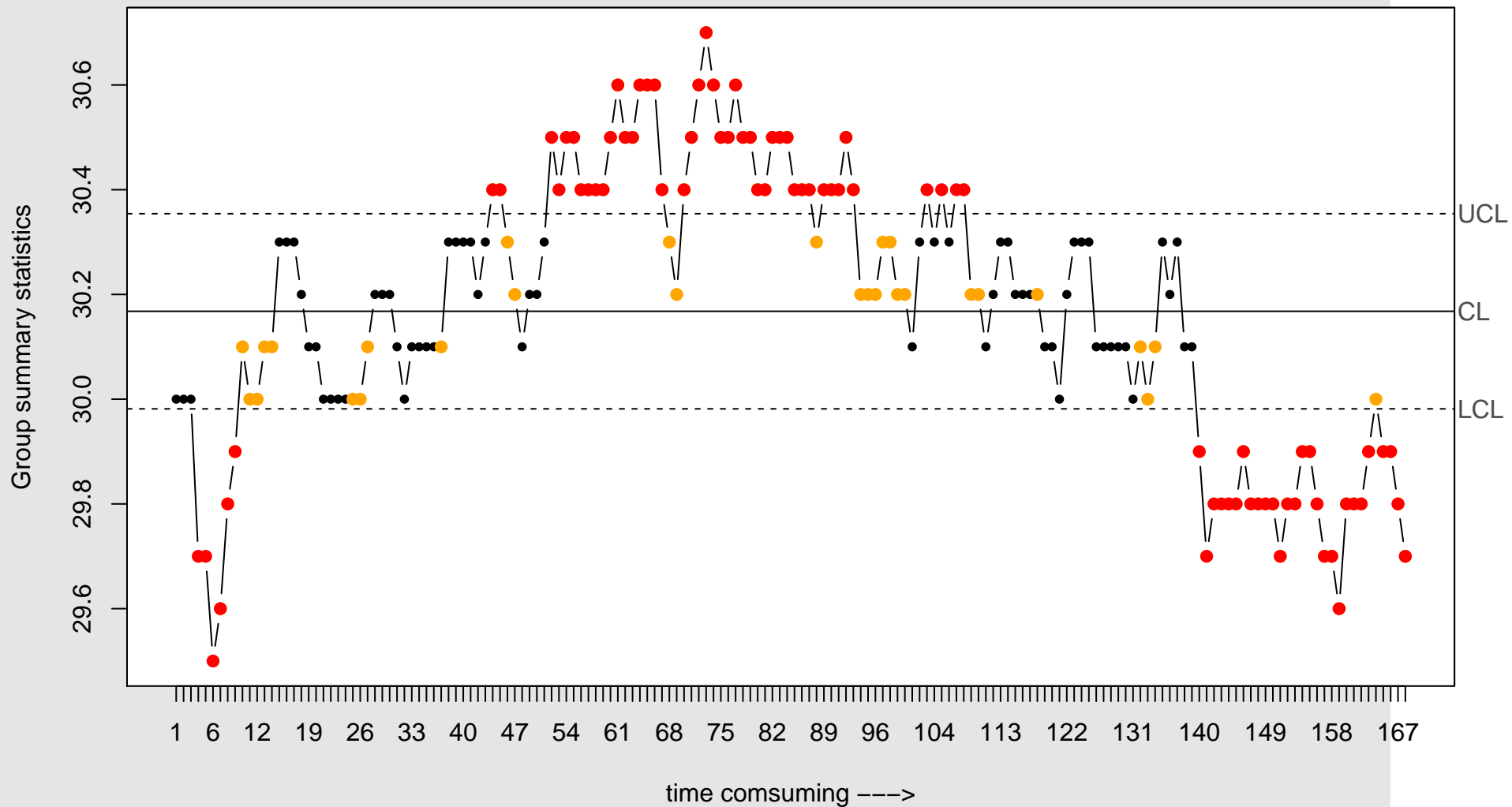


Number of groups = 168
 Center = 30.22976
 StdDev = 0.06794921

LCL = 30.02591
 UCL = 30.43361

Number beyond limits = 82
 Number violating runs = 96

51th column point of this product

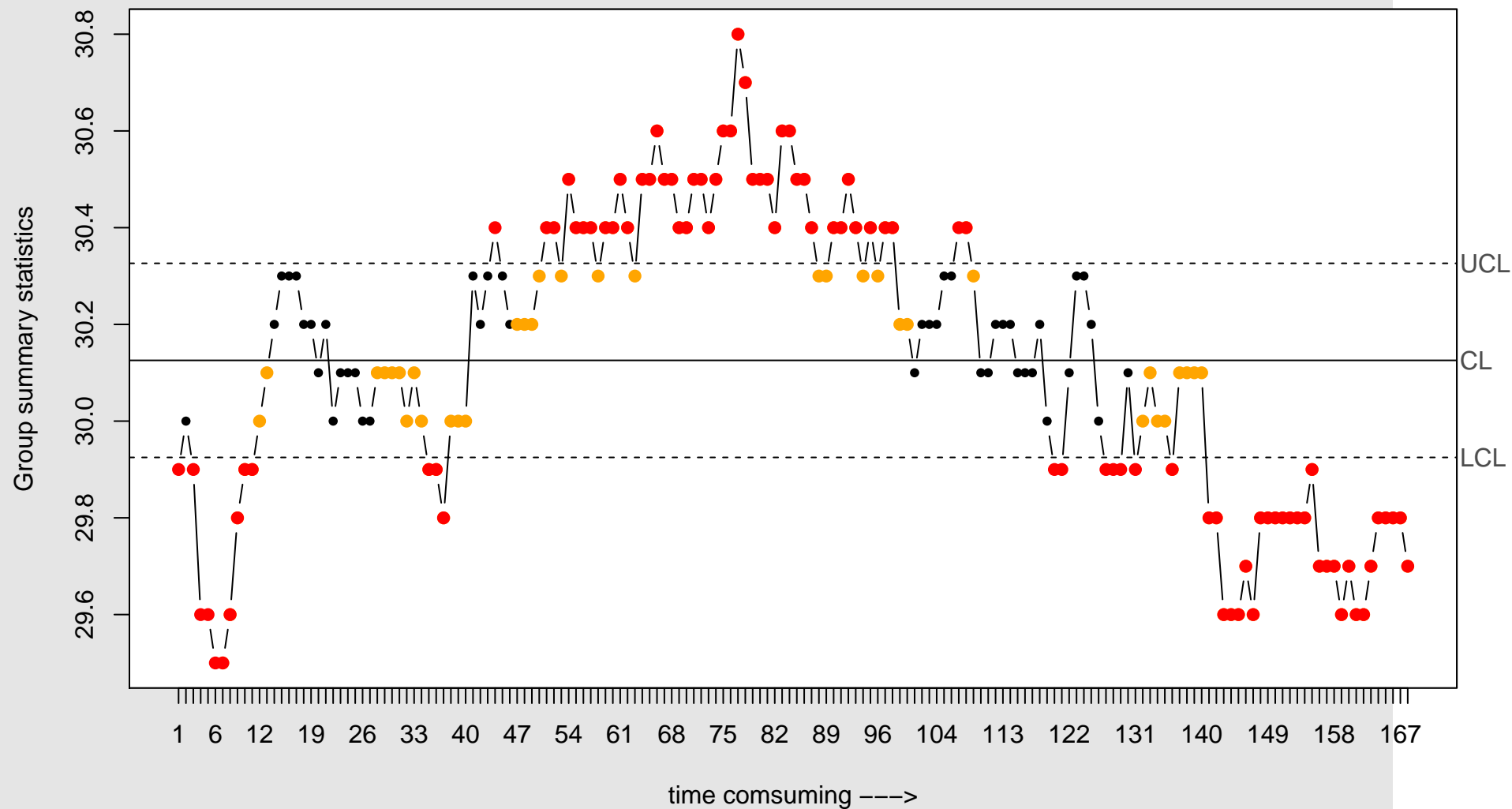


Number of groups = 168
Center = 30.16786
StdDev = 0.06210982

LCL = 29.98153
UCL = 30.35419

Number beyond limits = 79
Number violating runs = 94

52th column point of this product



Number of groups = 168

Center = 30.1256

StdDev = 0.0668875

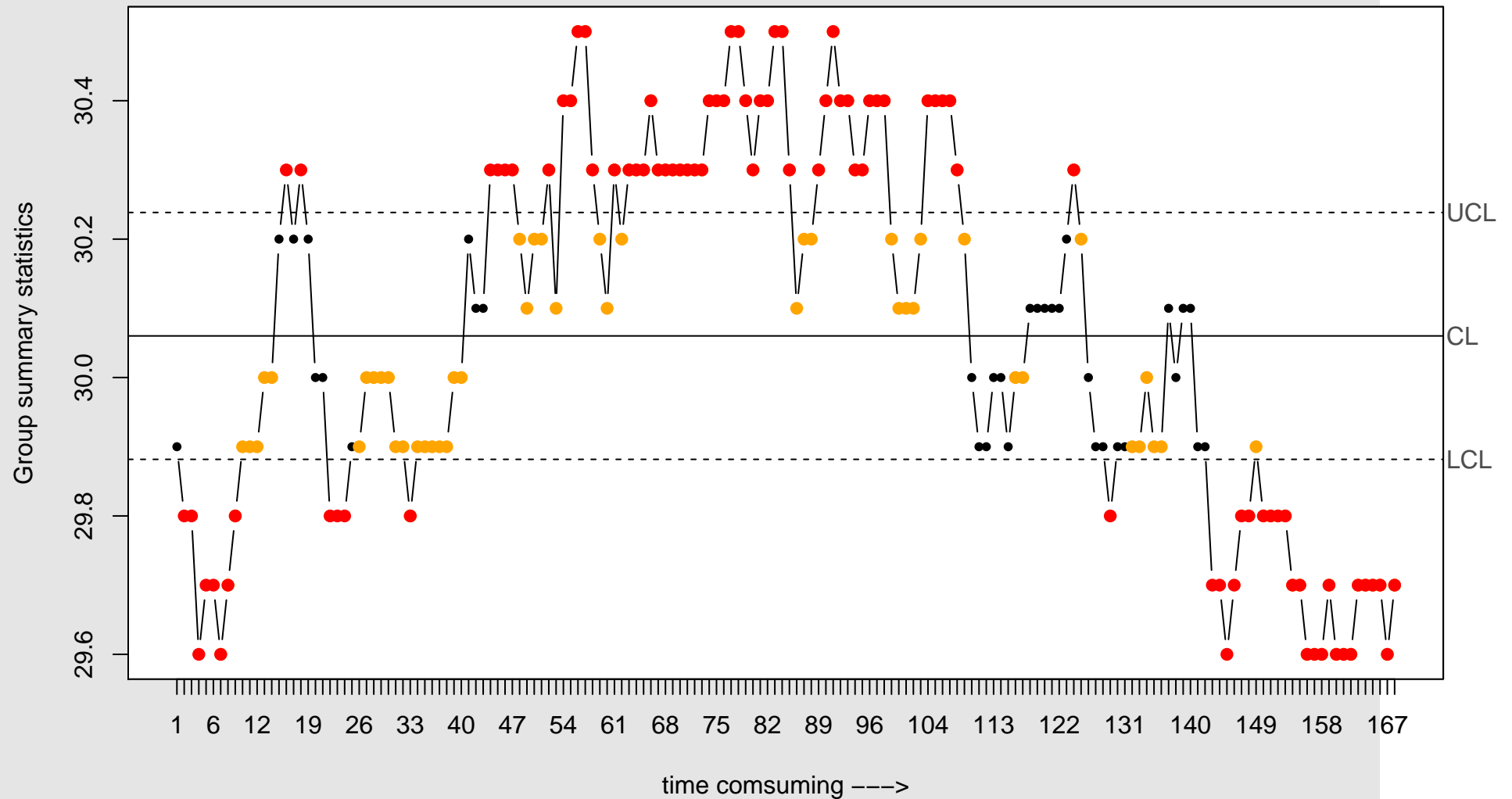
LCL = 29.92493

UCL = 30.32626

Number beyond limits = 92

Number violating runs = 113

53th column point of this product



Number of groups = 168

Center = 30.06012

StdDev = 0.05945556

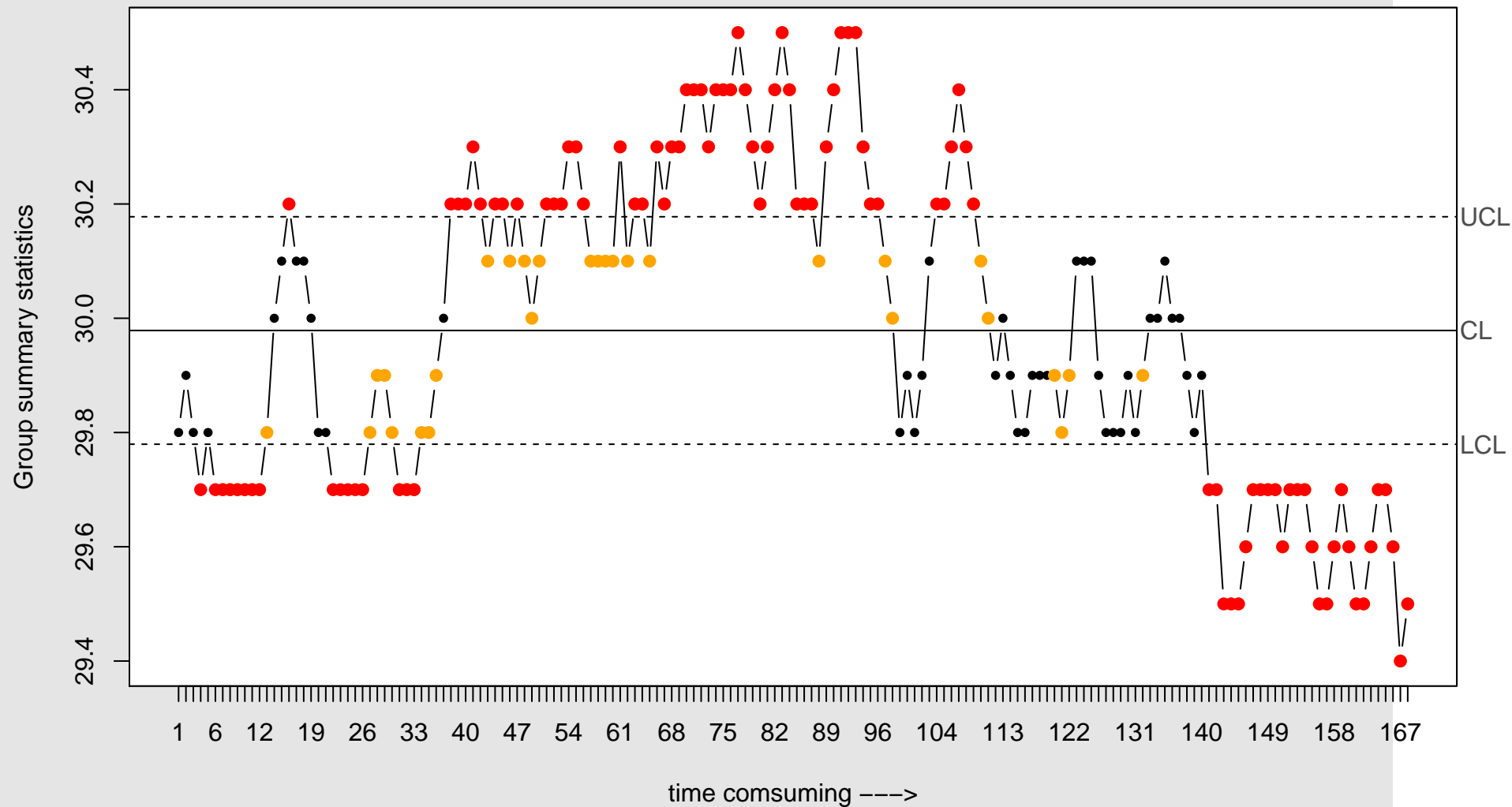
LCL = 29.88175

UCL = 30.23849

Number beyond limits = 90

Number violating runs = 117

54th column point of this product

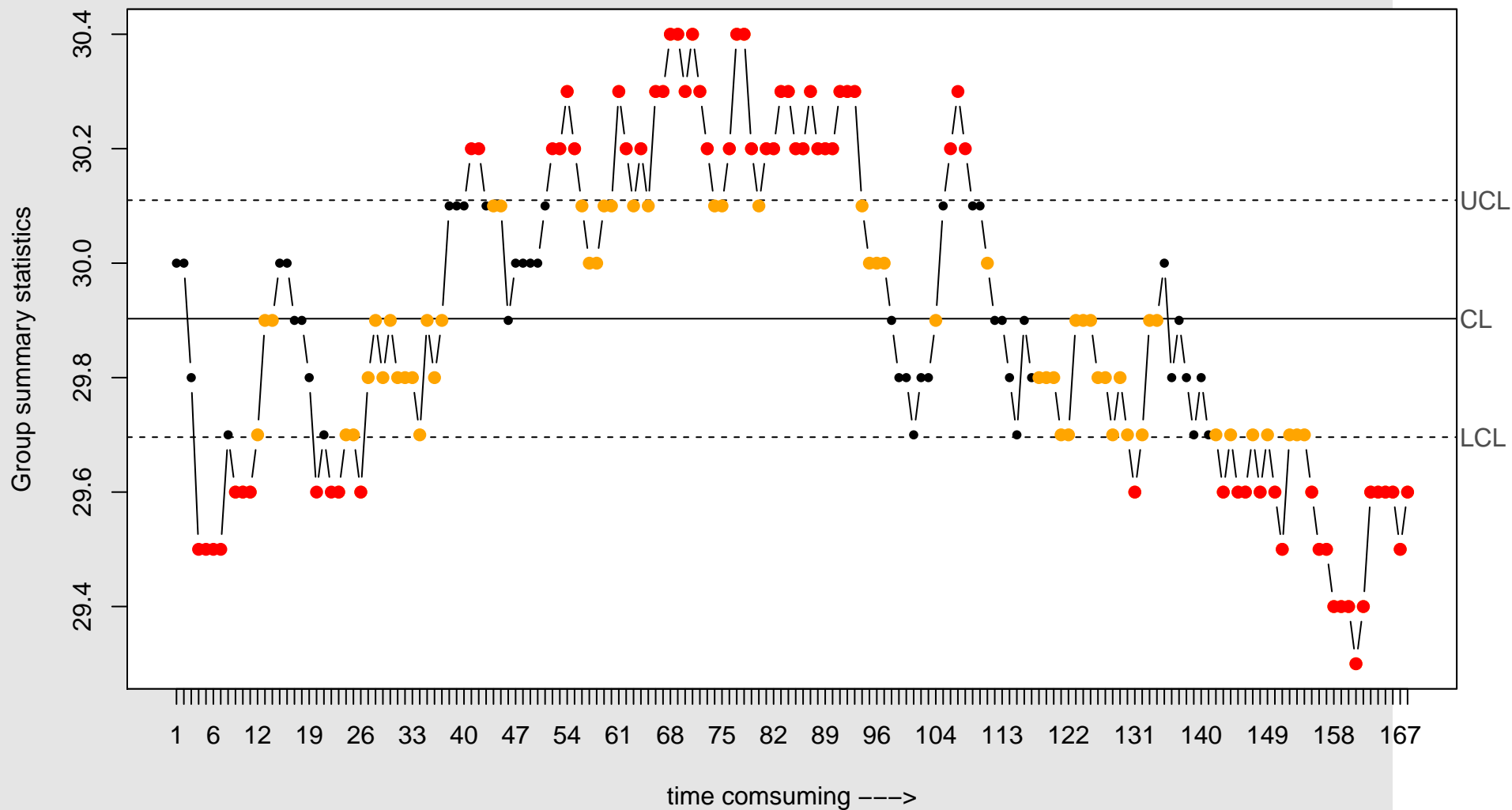


Number of groups = 168
Center = 29.97857
StdDev = 0.06635665

LCL = 29.7795
UCL = 30.17764

Number beyond limits = 98
Number violating runs = 106

55th column point of this product

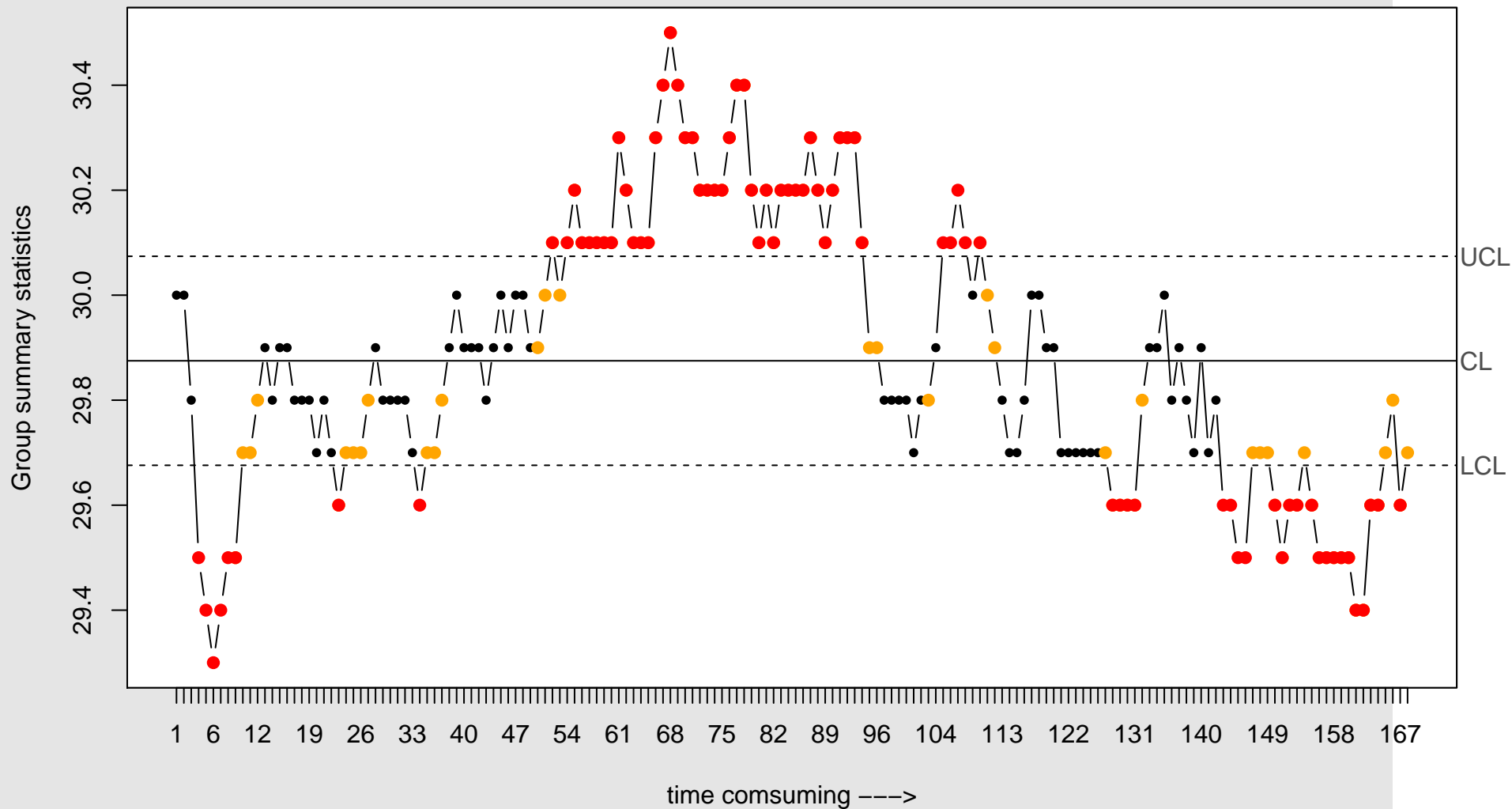


Number of groups = 168
Center = 29.90298
StdDev = 0.06901091

LCL = 29.69594
UCL = 30.11001

Number beyond limits = 69
Number violating runs = 114

56th column point of this product

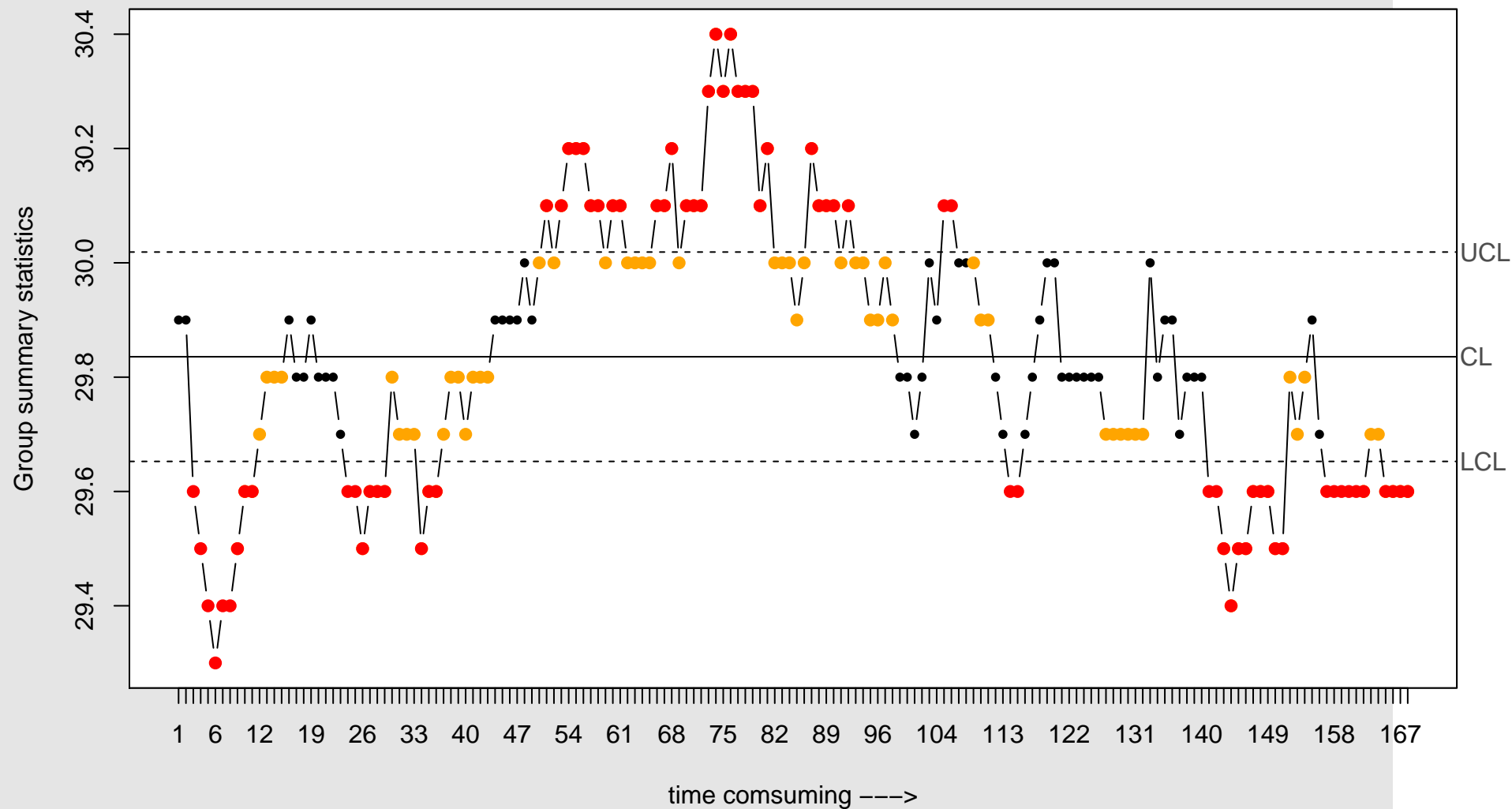


Number of groups = 168
Center = 29.875
StdDev = 0.06635665

LCL = 29.67593
UCL = 30.07407

Number beyond limits = 78
Number violating runs = 91

57th column point of this product

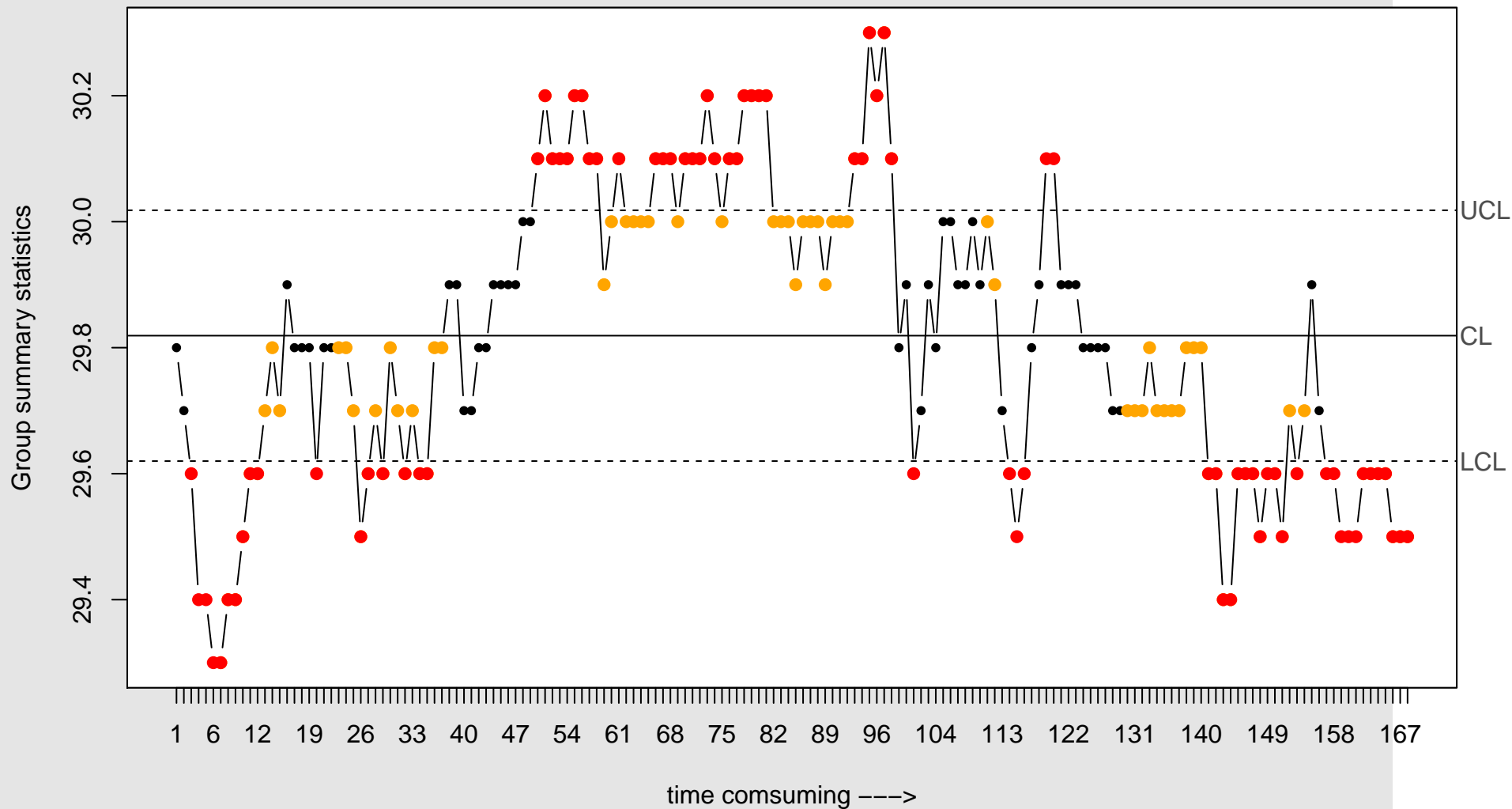


Number of groups = 168
 Center = 29.83571
 StdDev = 0.06104812

LCL = 29.65257
 UCL = 30.01886

Number beyond limits = 72
 Number violating runs = 102

58th column point of this product

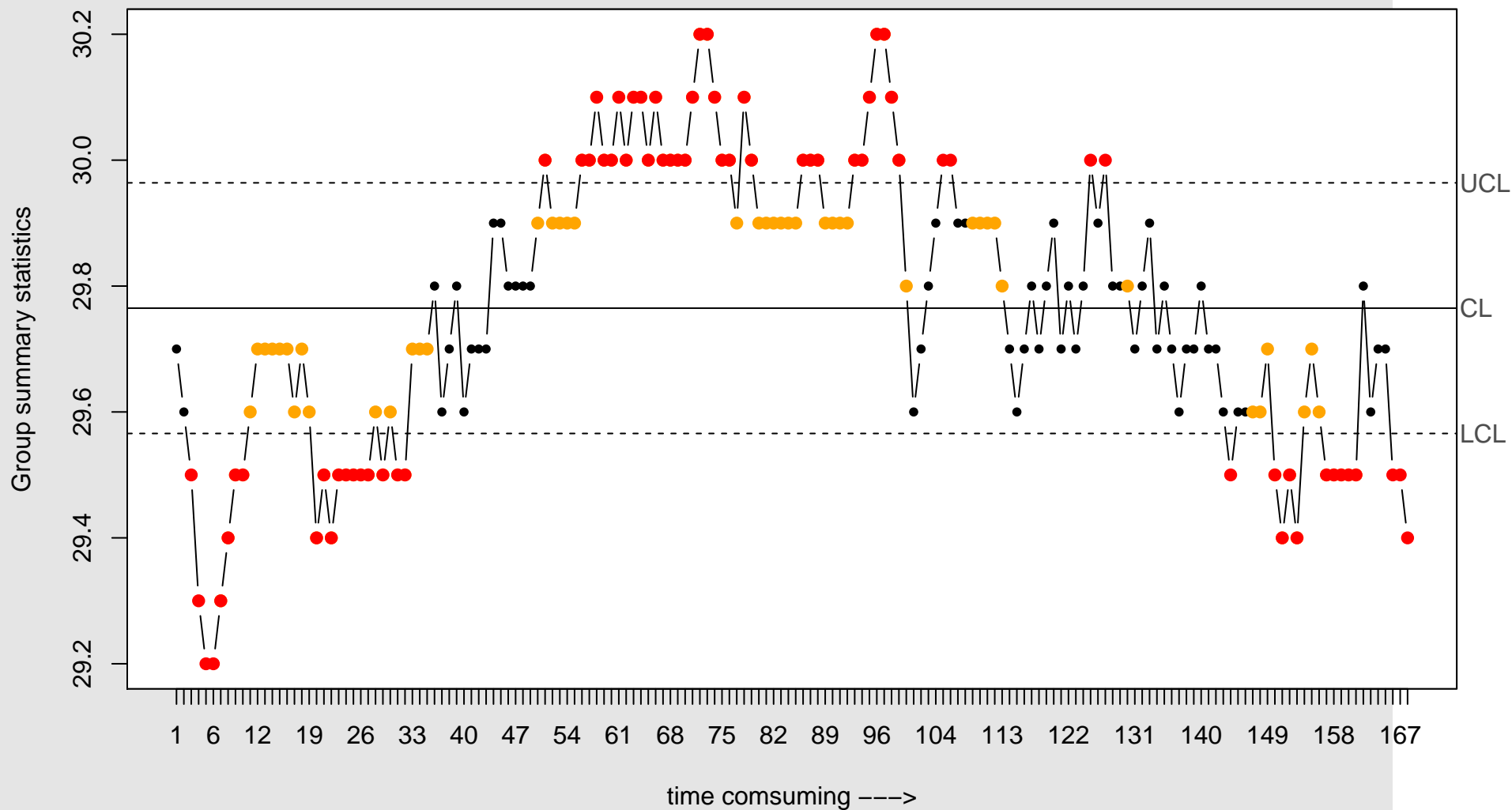


Number of groups = 168
Center = 29.81905
StdDev = 0.06635665

LCL = 29.61998
UCL = 30.01812

Number beyond limits = 77
Number violating runs = 107

59th column point of this product

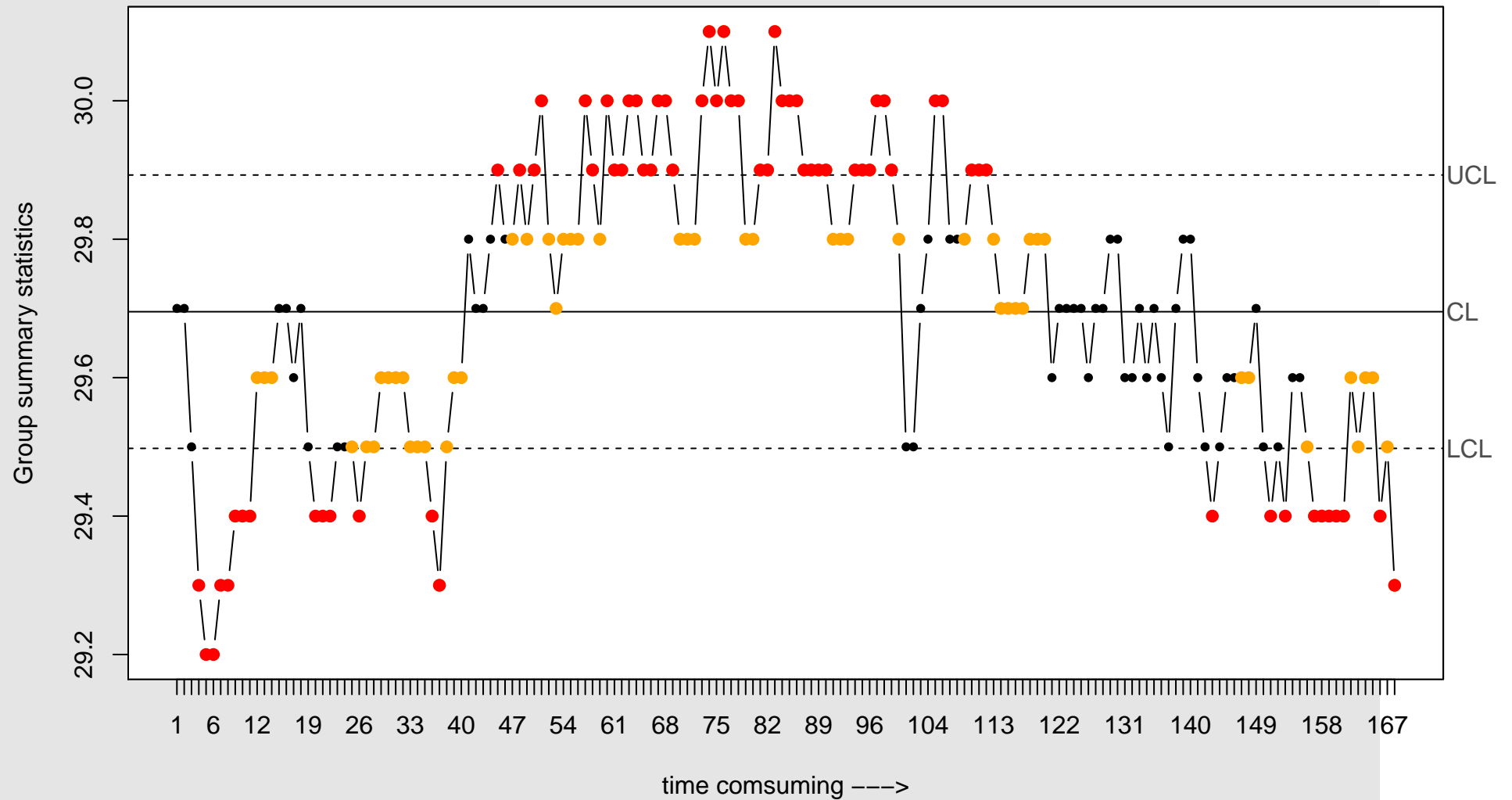


Number of groups = 168
 Center = 29.76488
 StdDev = 0.06635665

LCL = 29.56581
 UCL = 29.96395

Number beyond limits = 70
 Number violating runs = 101

60th column point of this product

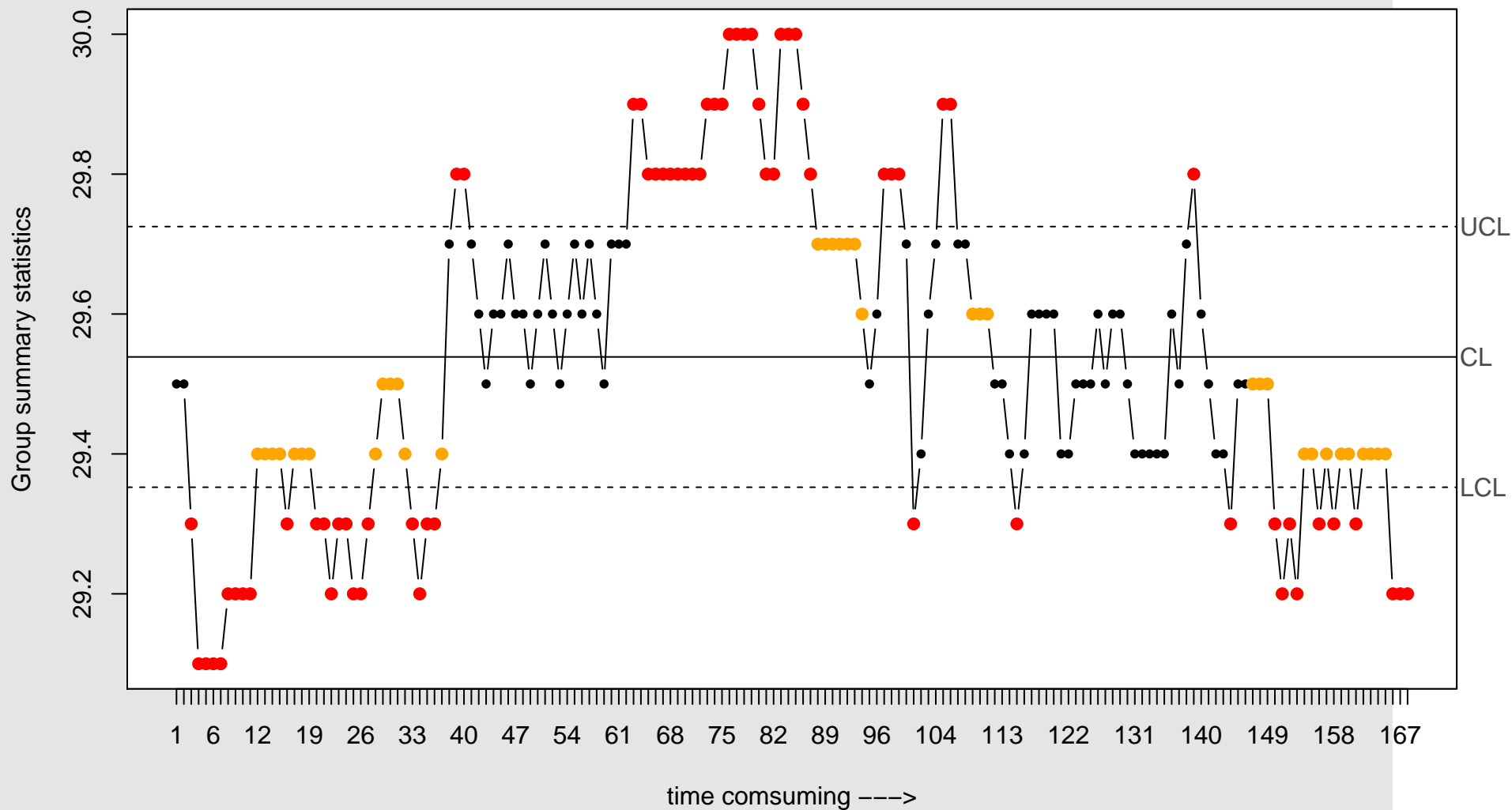


Number of groups = 168
Center = 29.69524
StdDev = 0.0658258

LCL = 29.49776
UCL = 29.89272

Number beyond limits = 67
Number violating runs = 103

61th column point of this product



Number of groups = 168

Center = 29.53869

StdDev = 0.06210982

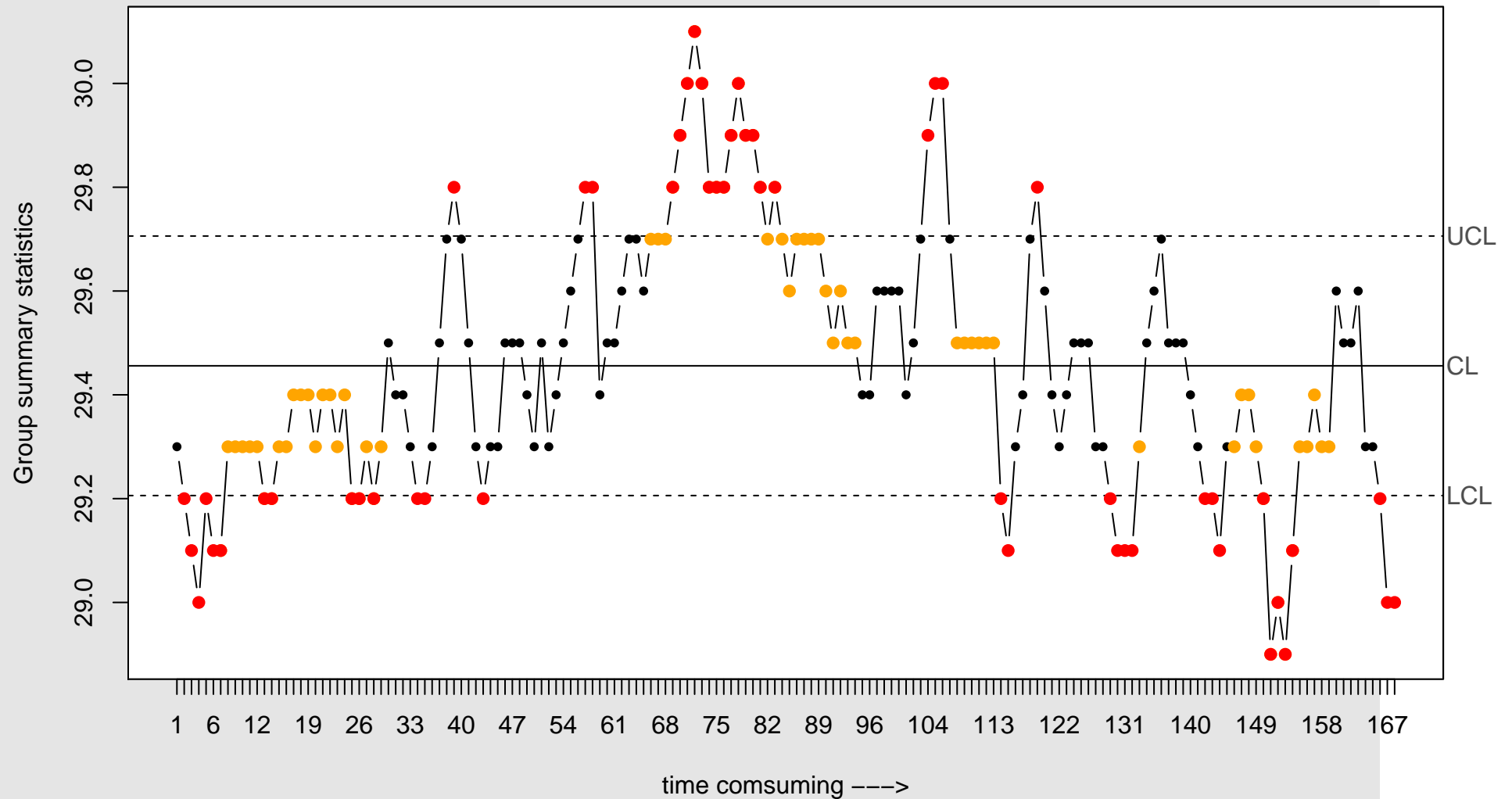
LCL = 29.35236

UCL = 29.72502

Number beyond limits = 68

Number violating runs = 85

62th column point of this product



Number of groups = 168

Center = 29.45595

StdDev = 0.08334395

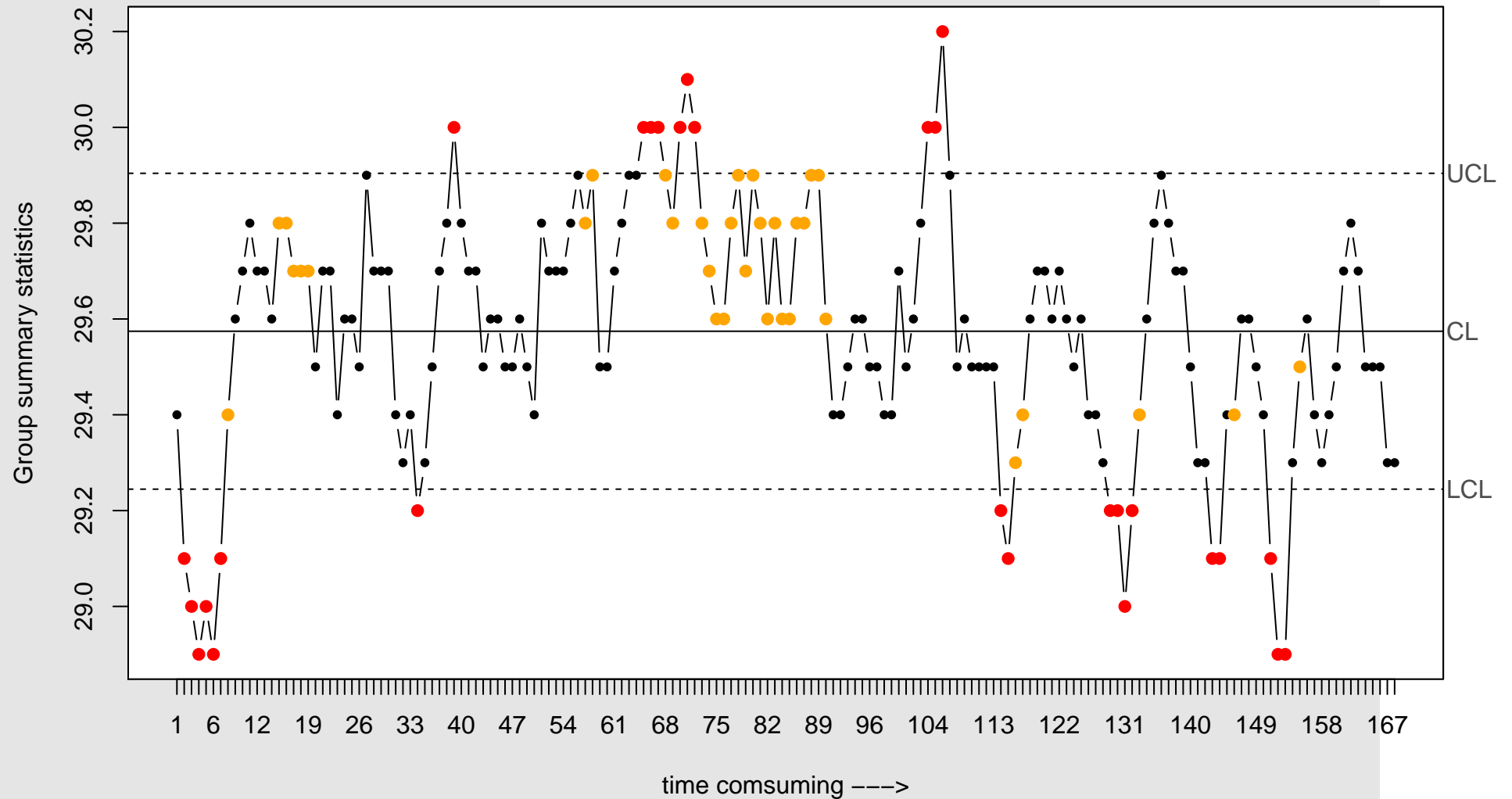
LCL = 29.20592

UCL = 29.70598

Number beyond limits = 52

Number violating runs = 73

63th column point of this product



Number of groups = 168

Center = 29.5744

StdDev = 0.1098866

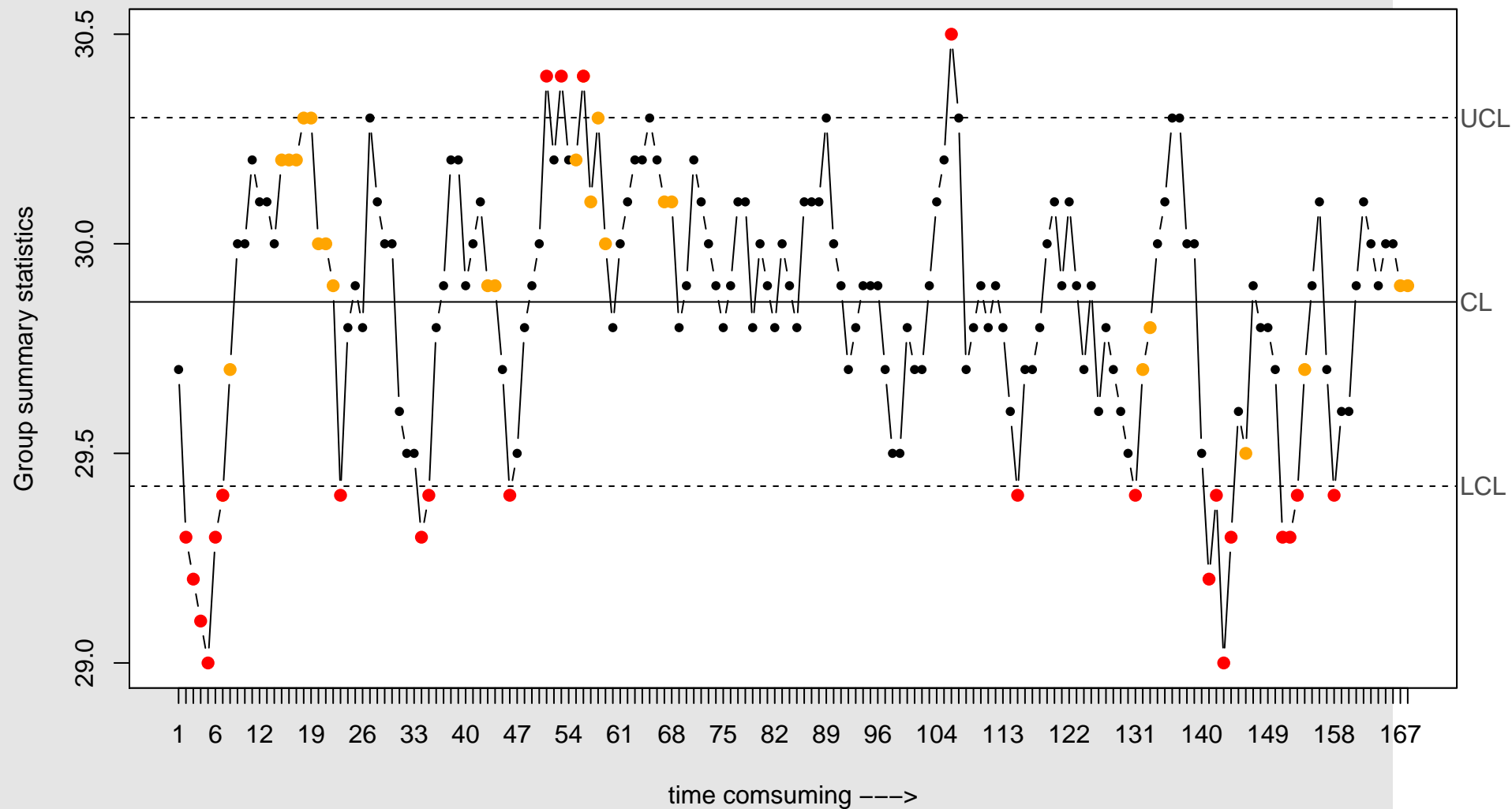
LCL = 29.24474

UCL = 29.90406

Number beyond limits = 28

Number violating runs = 39

64th column point of this product



Number of groups = 168

Center = 29.86131

StdDev = 0.1465155

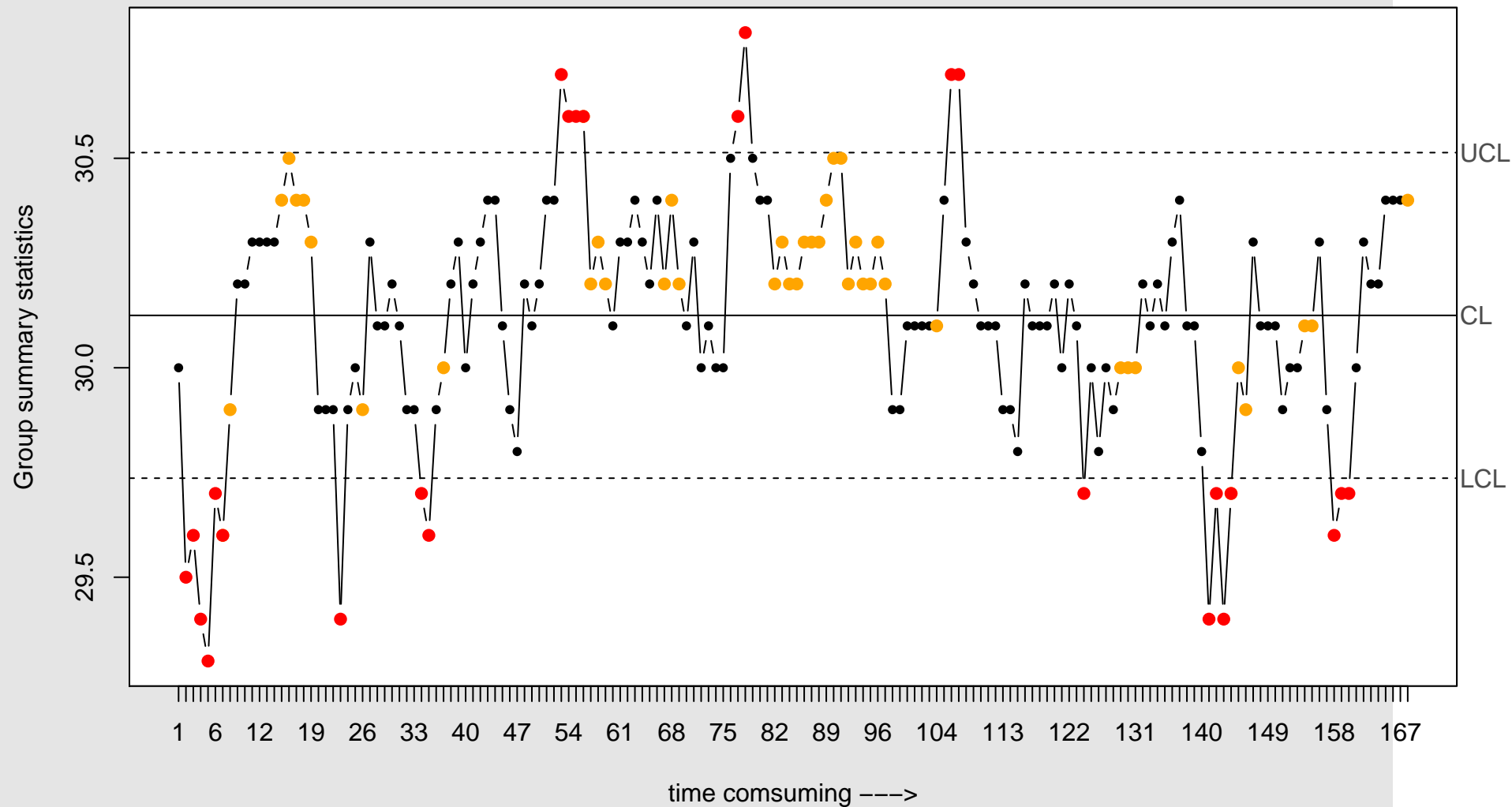
LCL = 29.42176

UCL = 30.30086

Number beyond limits = 24

Number violating runs = 25

65th column point of this product



Number of groups = 168

Center = 30.125

StdDev = 0.1295282

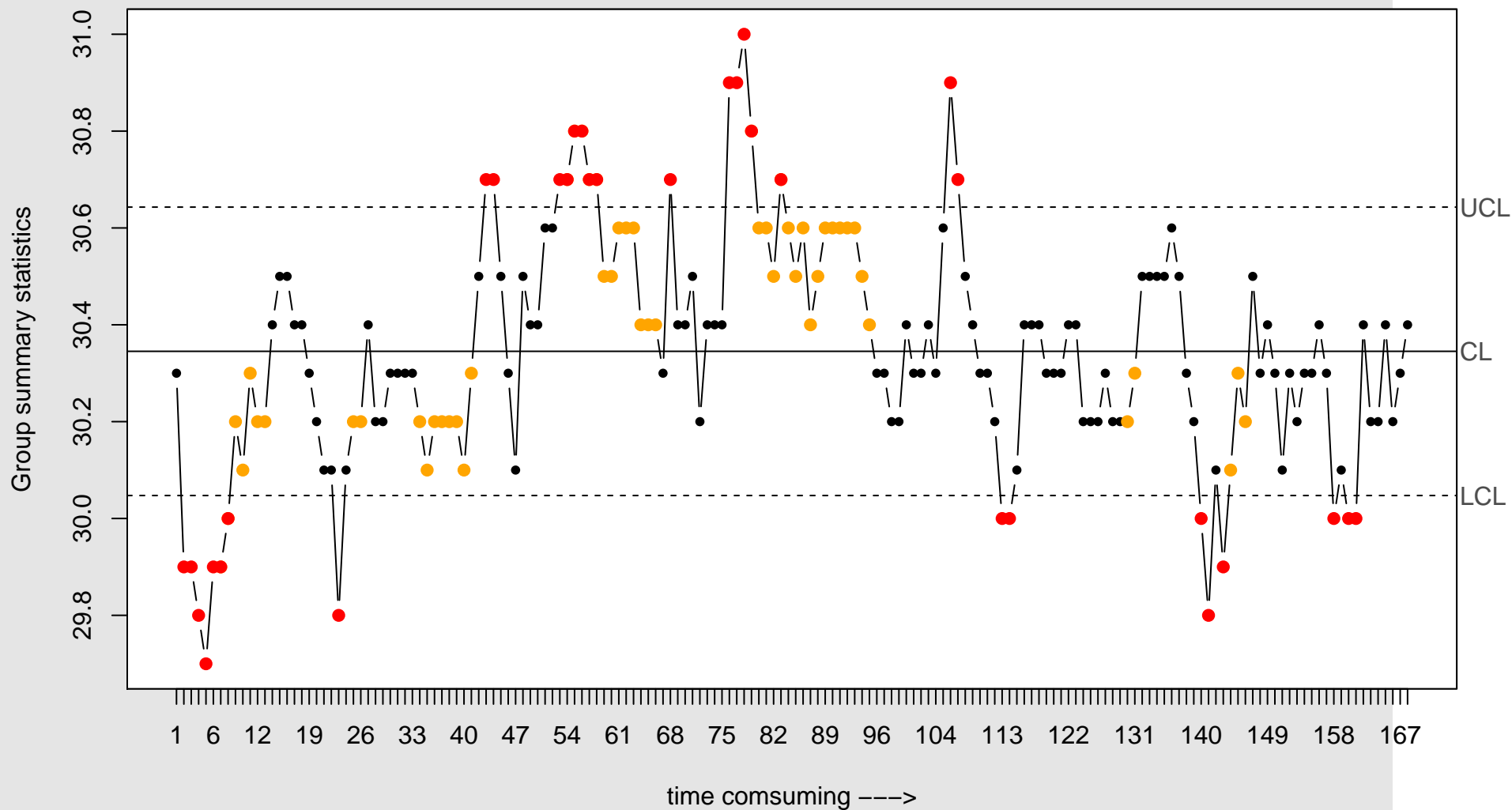
LCL = 29.73642

UCL = 30.51358

Number beyond limits = 25

Number violating runs = 42

66th column point of this product

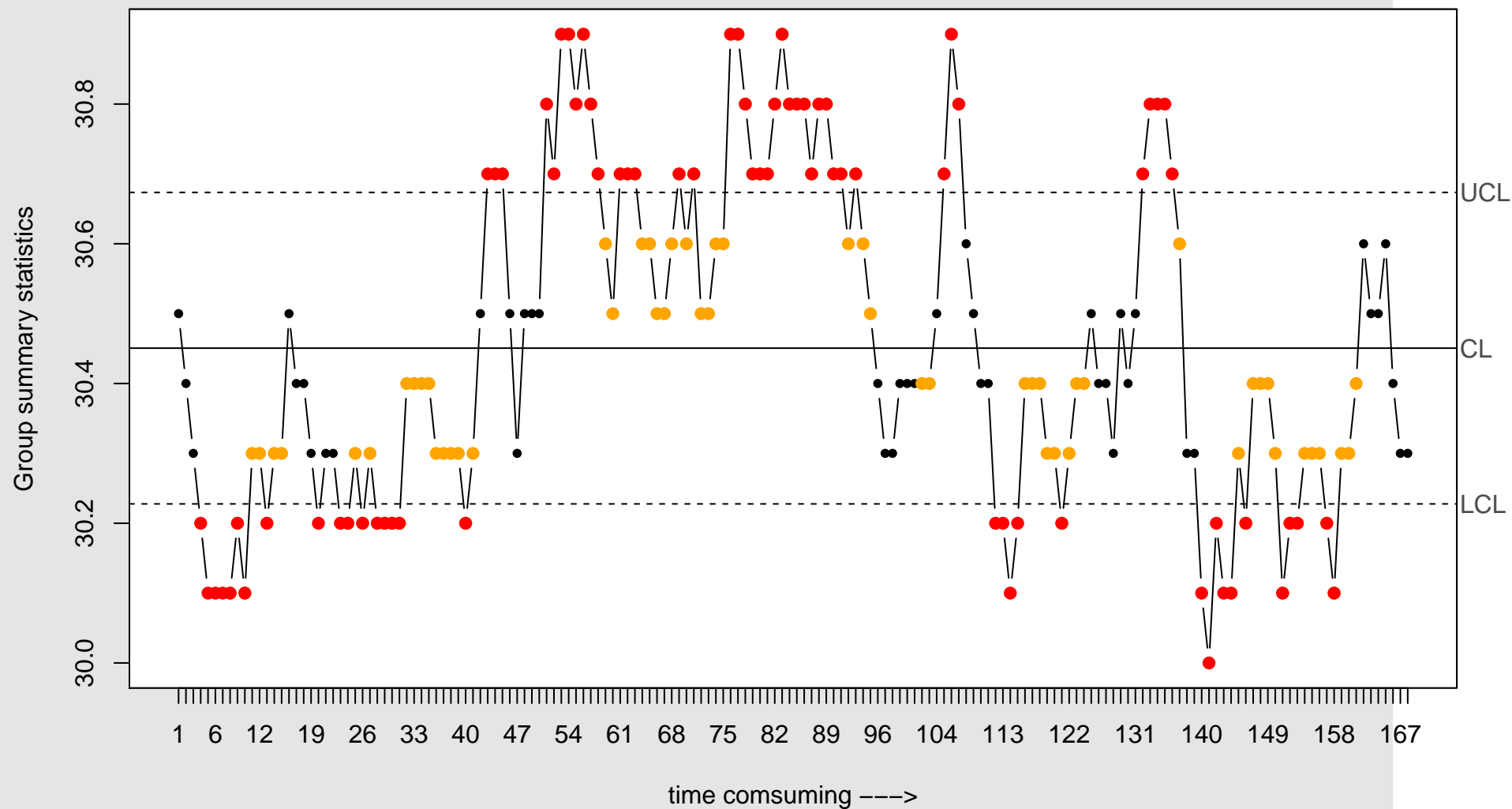


Number of groups = 168
Center = 30.34524
StdDev = 0.09926955

LCL = 30.04743
UCL = 30.64305

Number beyond limits = 32
Number violating runs = 52

67th column point of this product

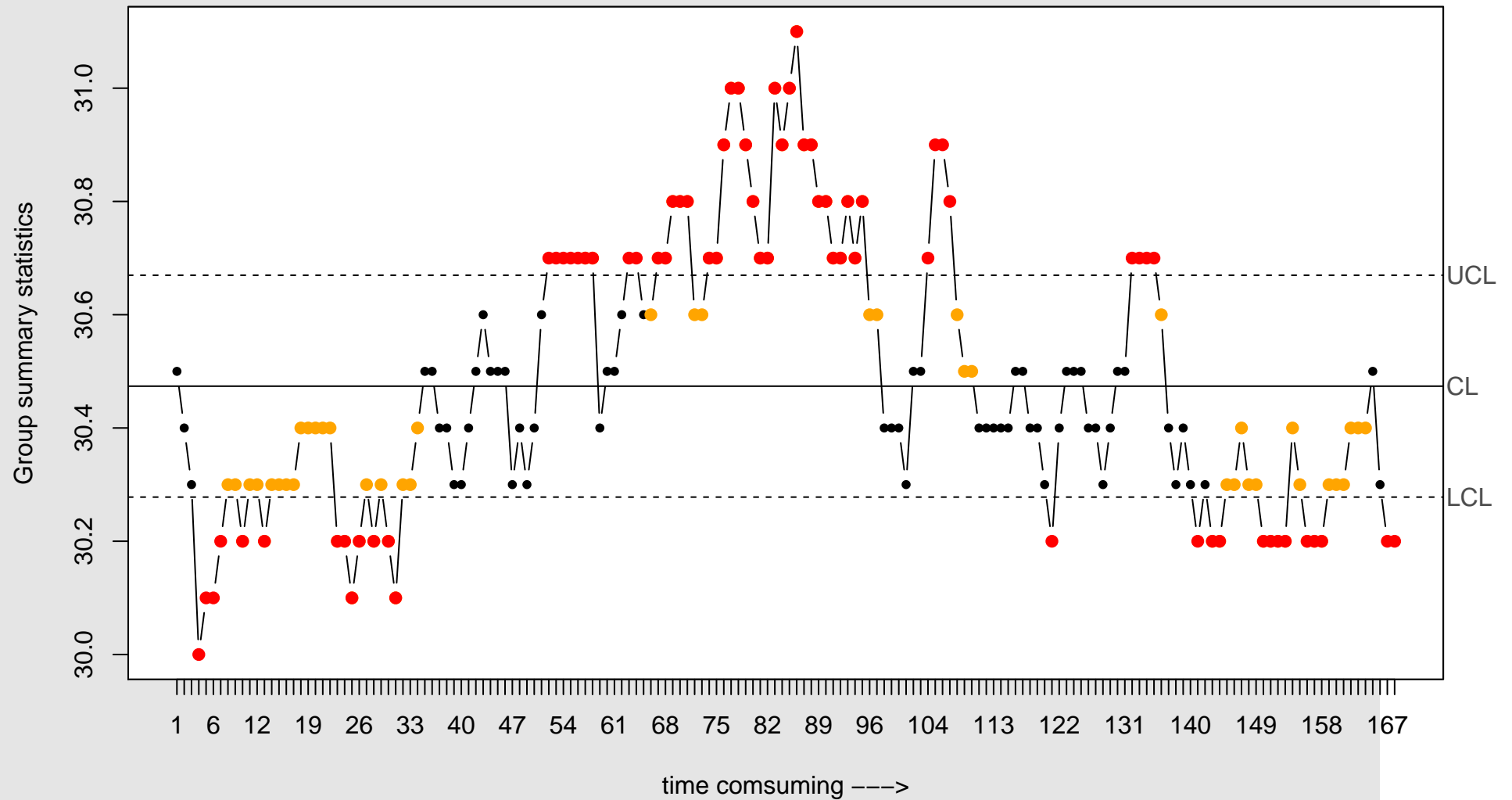


Number of groups = 168
Center = 30.4506
StdDev = 0.07431945

LCL = 30.22764
UCL = 30.67355

Number beyond limits = 74
Number violating runs = 99

68th column point of this product

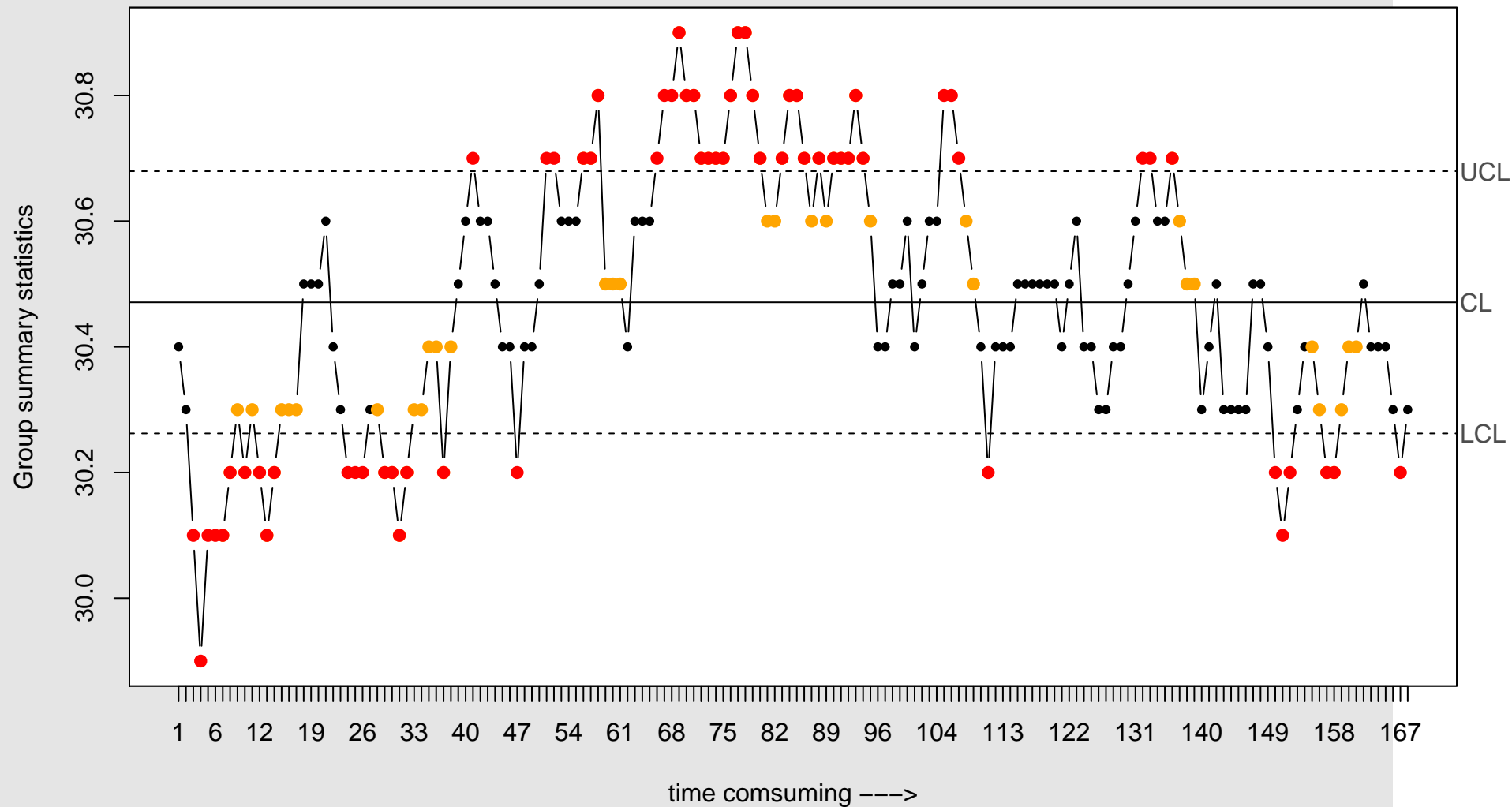


Number of groups = 168
Center = 30.47381
StdDev = 0.06529494

LCL = 30.27792
UCL = 30.66969

Number beyond limits = 70
Number violating runs = 87

69th column point of this product



Number of groups = 168

Center = 30.47083

StdDev = 0.06954177

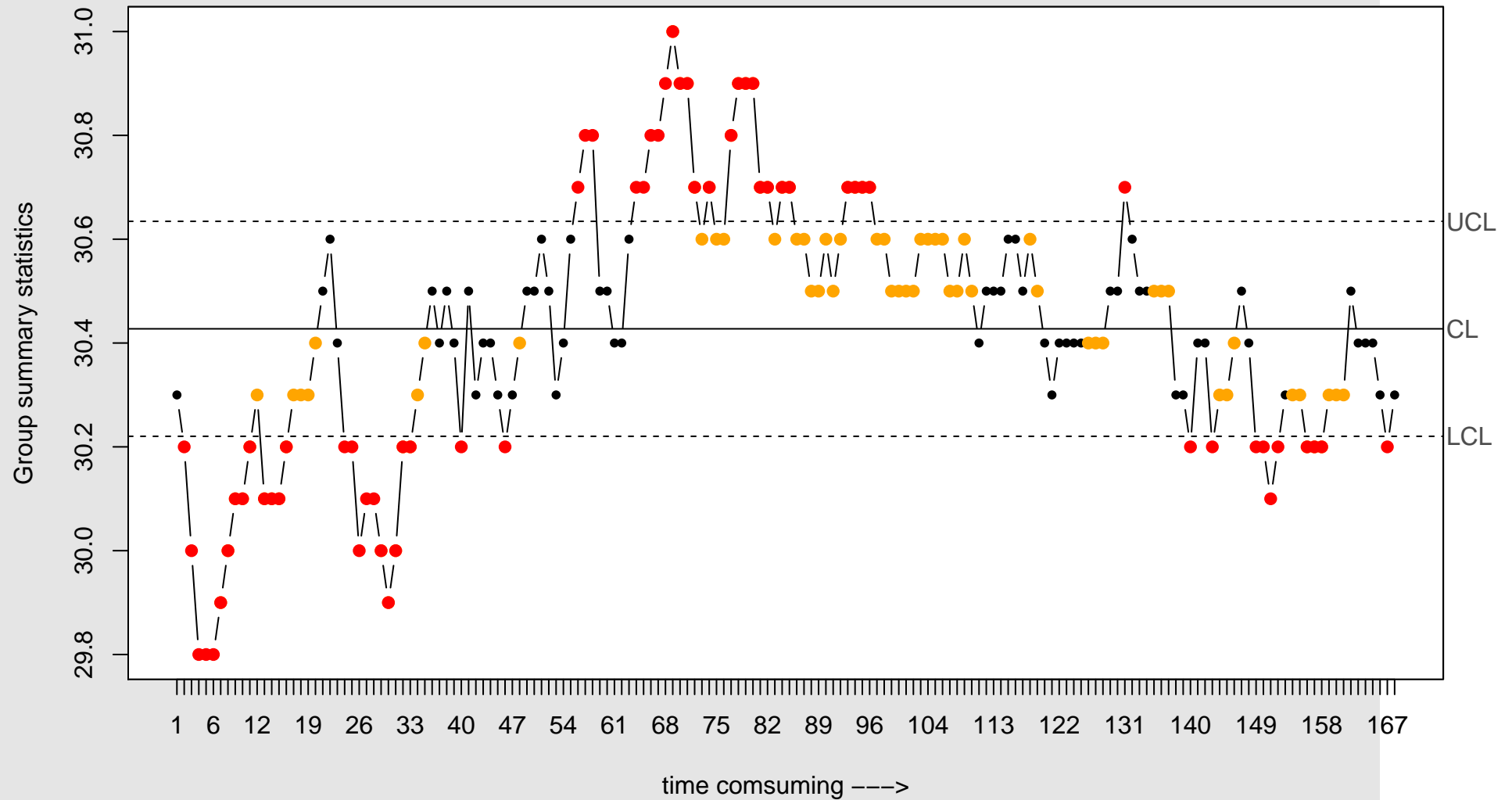
LCL = 30.26221

UCL = 30.67946

Number beyond limits = 63

Number violating runs = 68

70th column point of this product

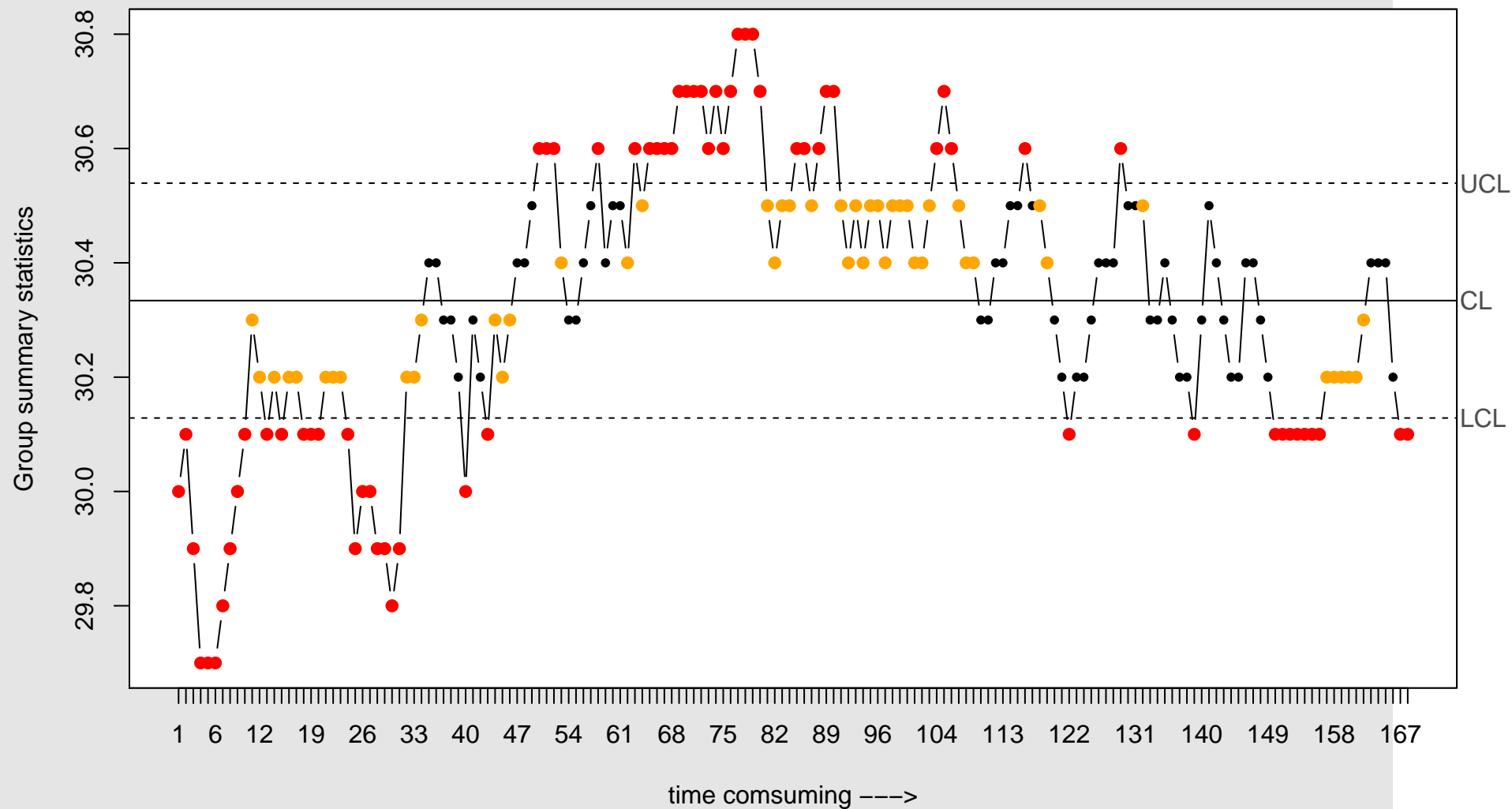


Number of groups = 168
 Center = 30.42738
 StdDev = 0.06901091

LCL = 30.22035
 UCL = 30.63441

Number beyond limits = 62
 Number violating runs = 83

71th column point of this product

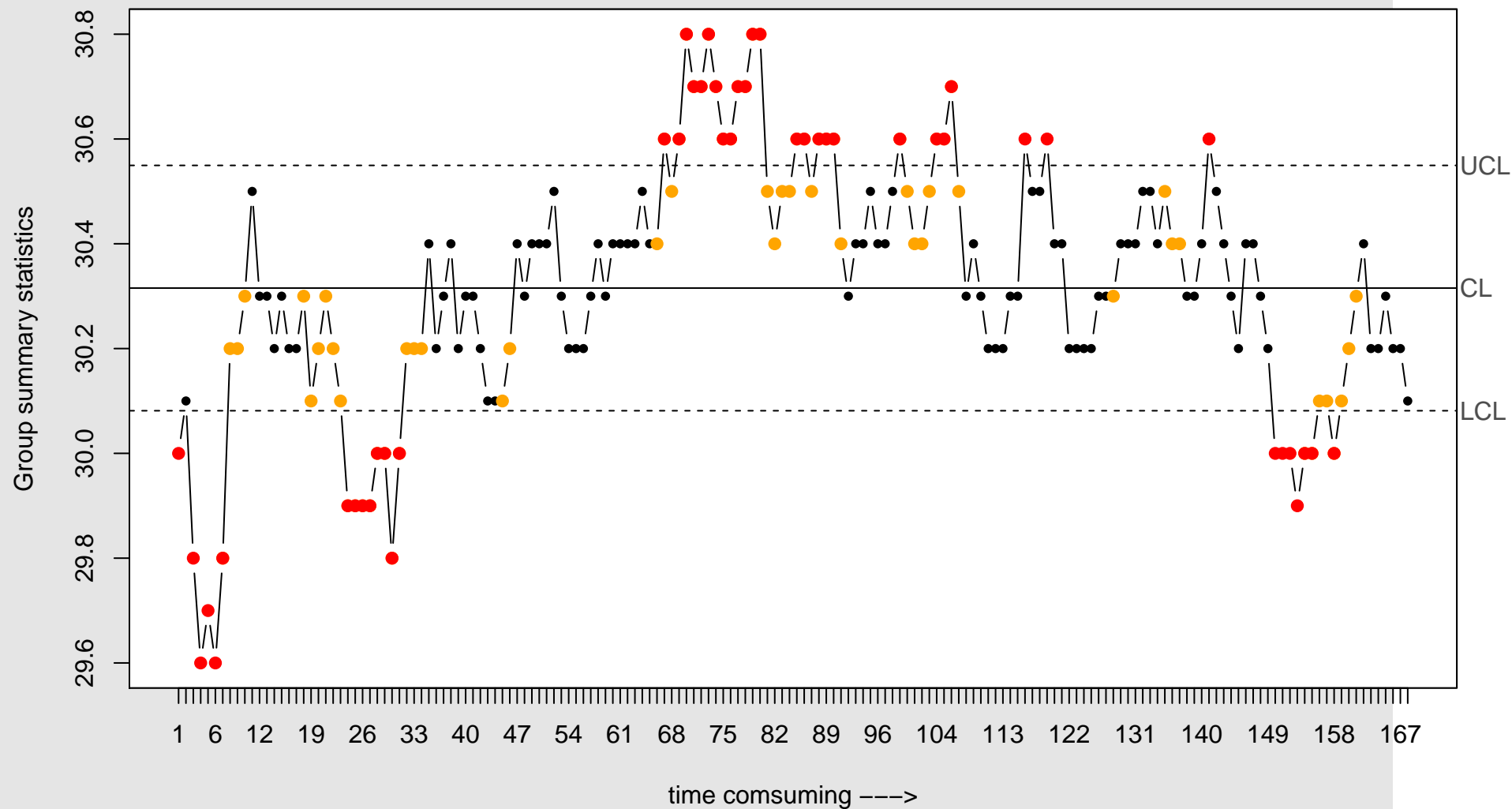


Number of groups = 168
 Center = 30.33393
 StdDev = 0.06848006

LCL = 30.12849
 UCL = 30.53937

Number beyond limits = 67
 Number violating runs = 93

72th column point of this product



Number of groups = 168

Center = 30.31548

StdDev = 0.07803542

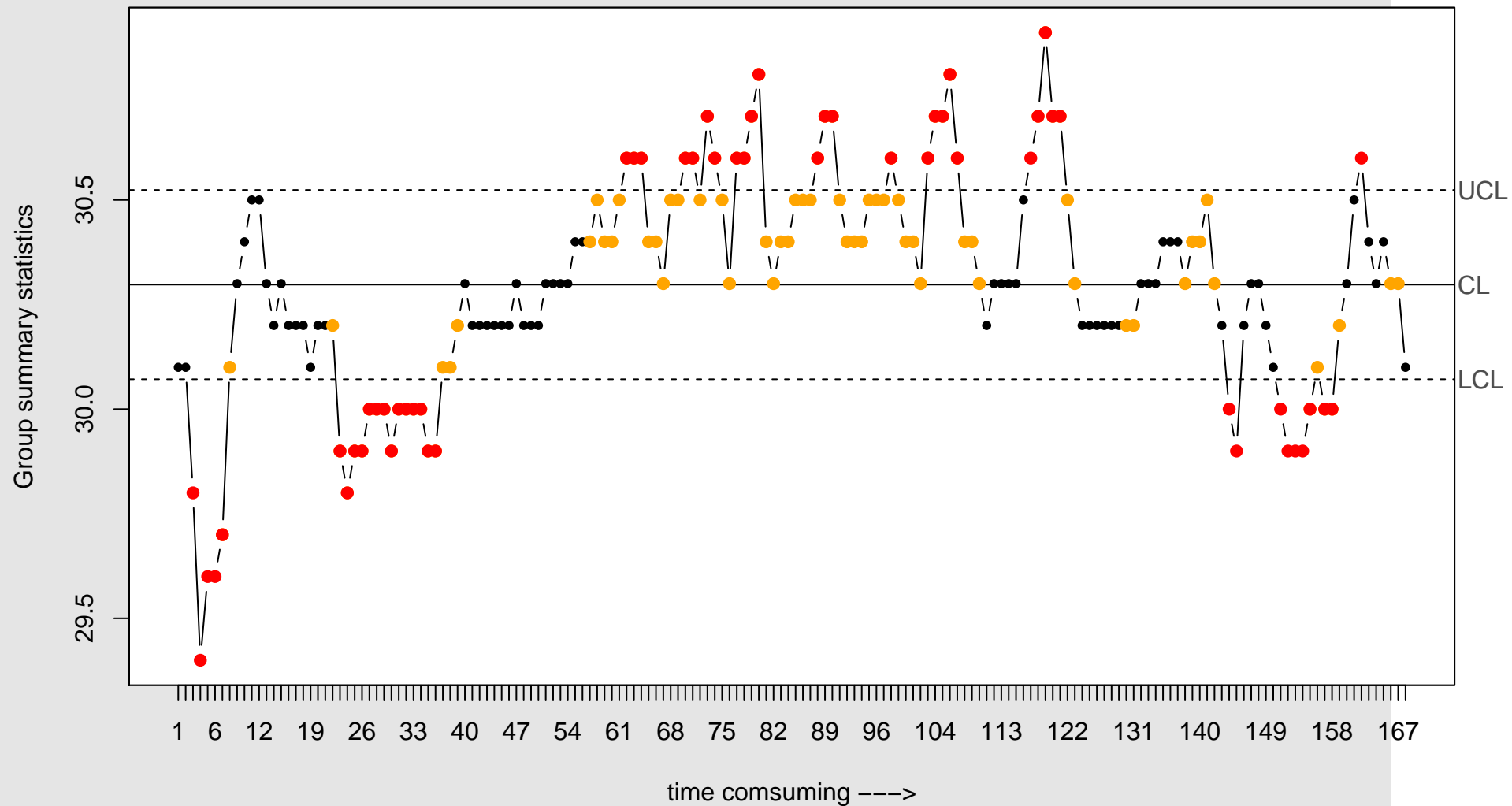
LCL = 30.08137

UCL = 30.54958

Number beyond limits = 46

Number violating runs = 70

73th column point of this product



Number of groups = 168

Center = 30.29762

StdDev = 0.07538115

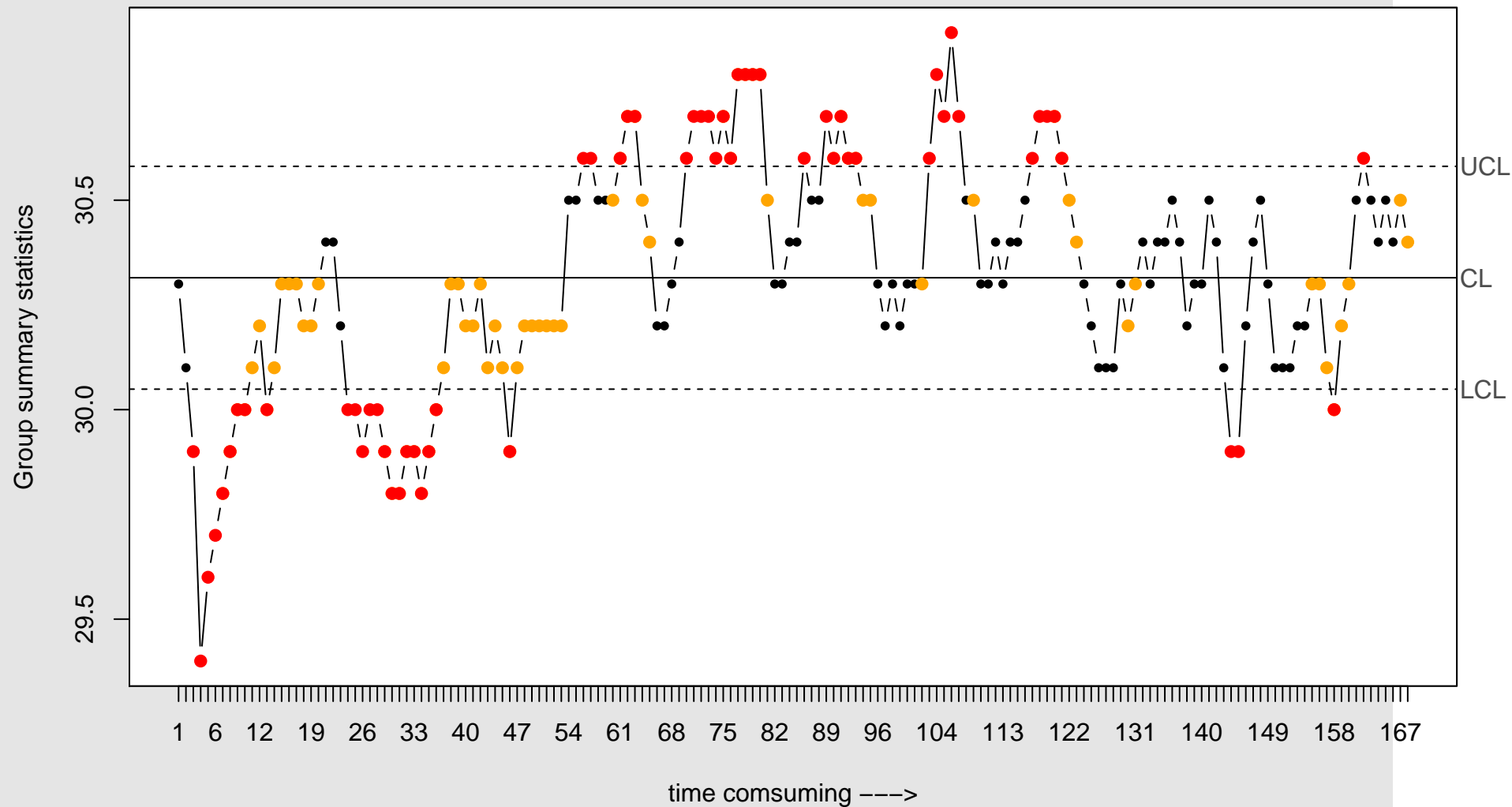
LCL = 30.07148

UCL = 30.52376

Number beyond limits = 54

Number violating runs = 94

74th column point of this product

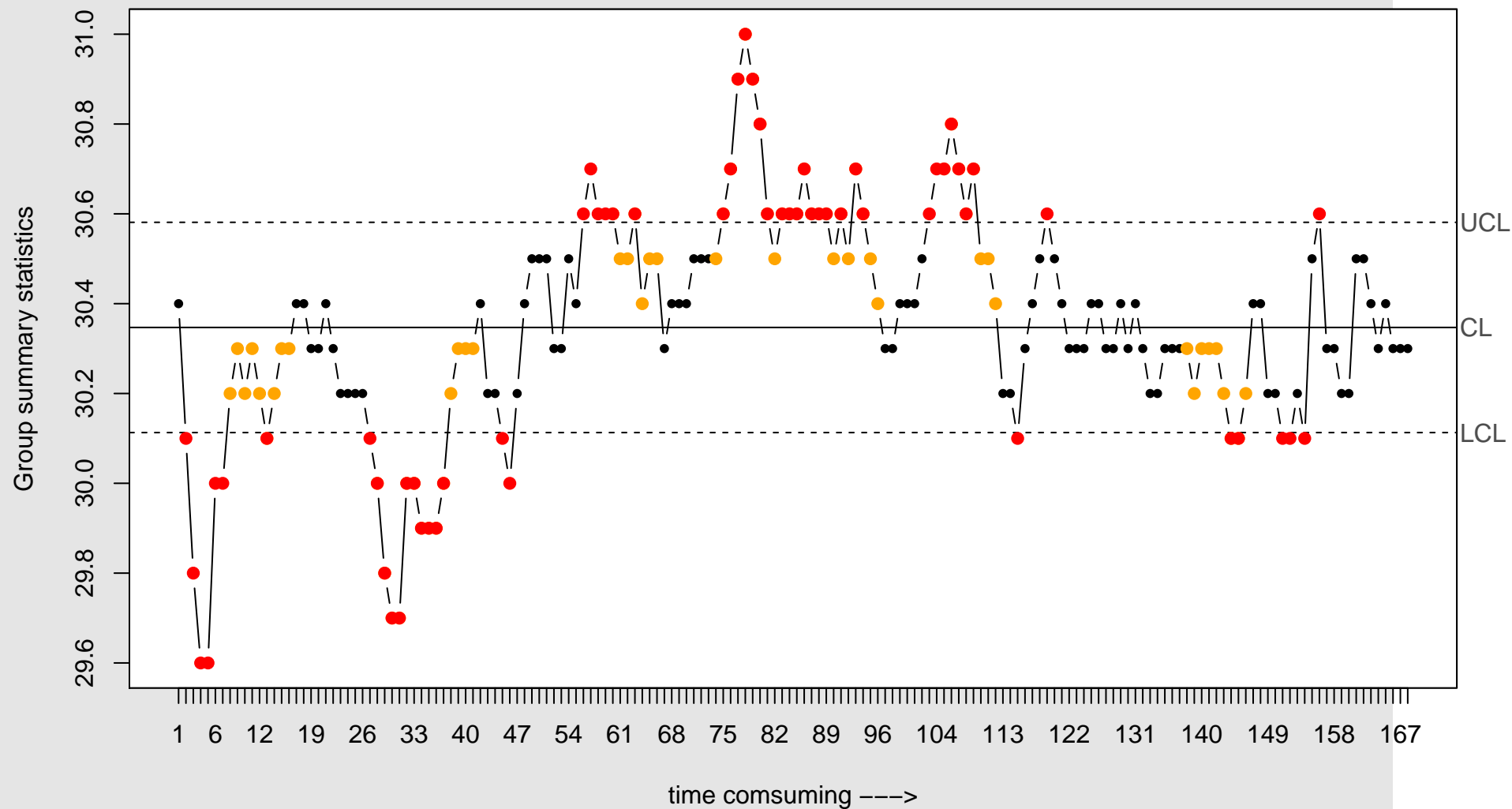


Number of groups = 168
Center = 30.31488
StdDev = 0.08865248

LCL = 30.04892
UCL = 30.58084

Number beyond limits = 59
Number violating runs = 74

75th column point of this product

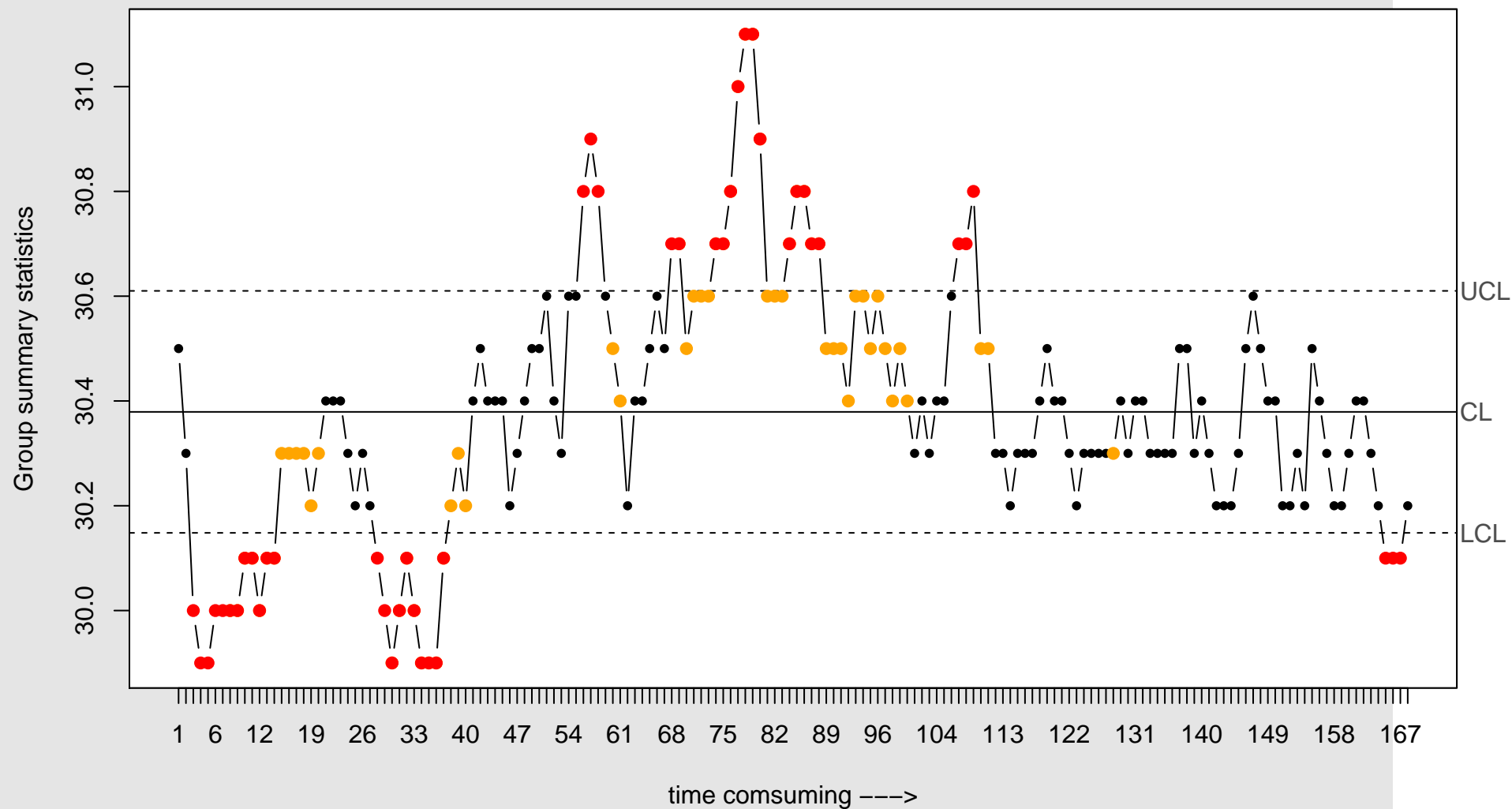


Number of groups = 168
 Center = 30.34702
 StdDev = 0.07803542

LCL = 30.11292
 UCL = 30.58113

Number beyond limits = 58
 Number violating runs = 70

76th column point of this product

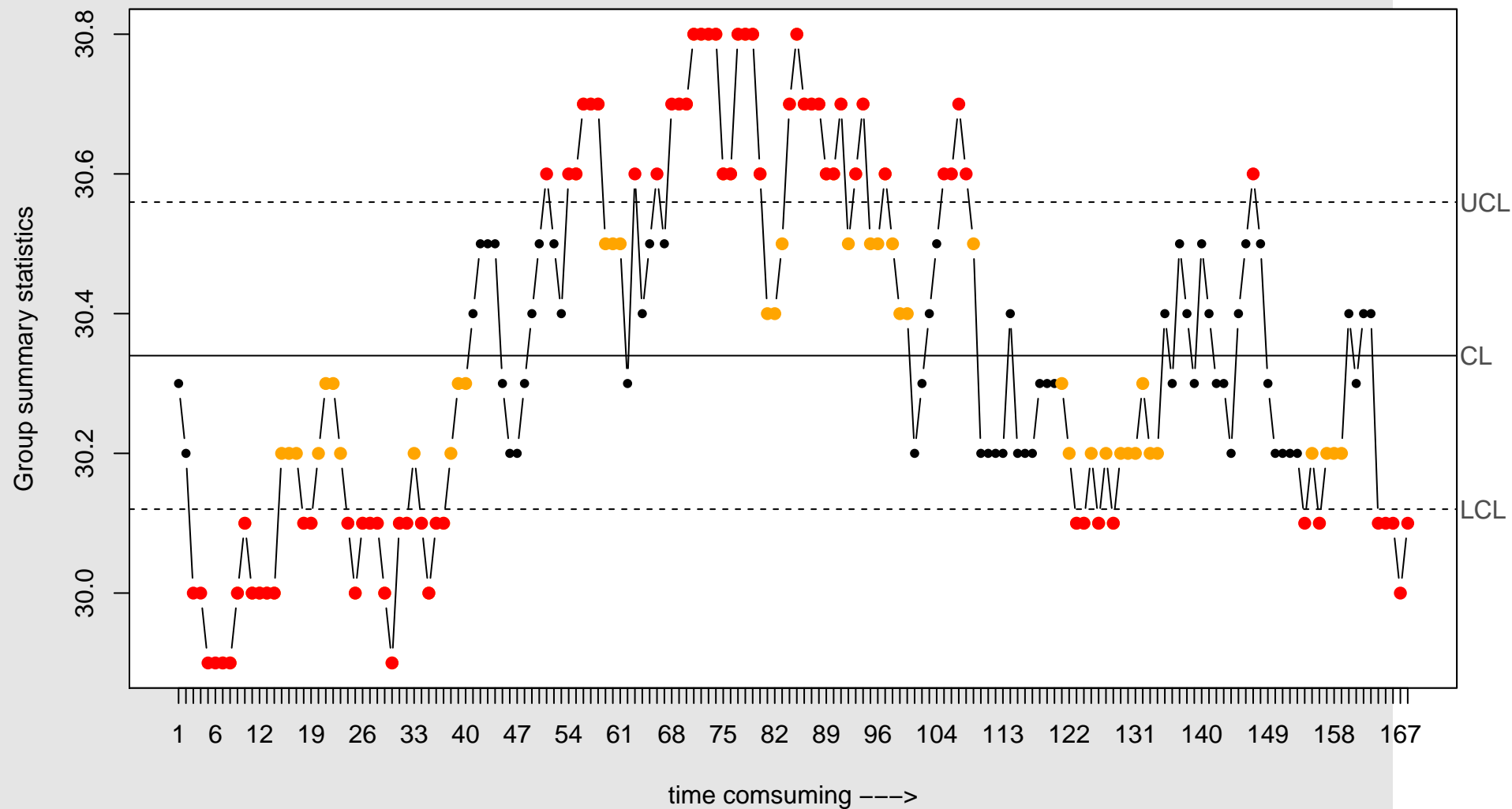


Number of groups = 168
Center = 30.37917
StdDev = 0.07697371

LCL = 30.14825
UCL = 30.61009

Number beyond limits = 45
Number violating runs = 61

77th column point of this product



Number of groups = 168

Center = 30.33988

StdDev = 0.07325774

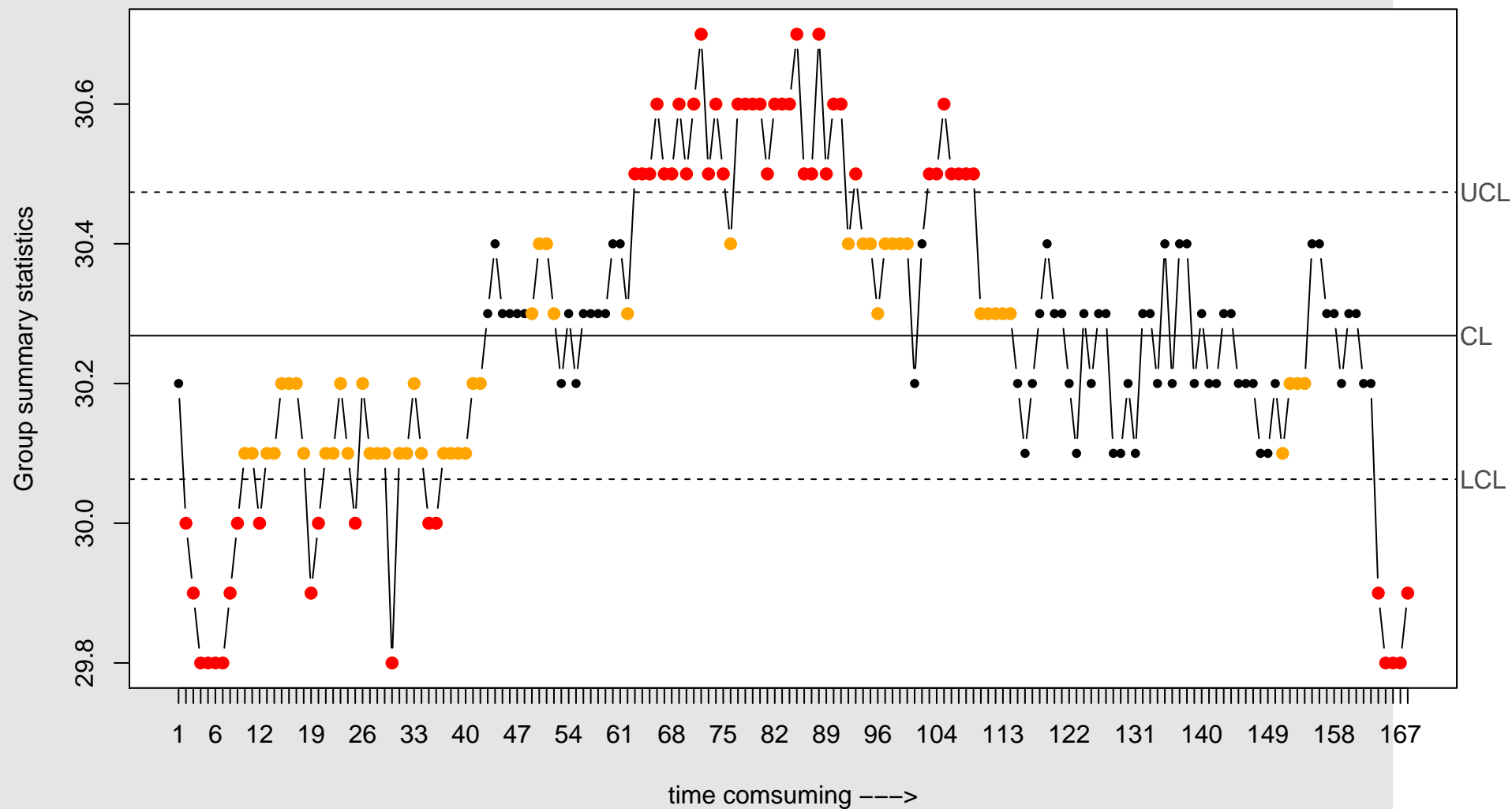
LCL = 30.12011

UCL = 30.55965

Number beyond limits = 75

Number violating runs = 93

78th column point of this product

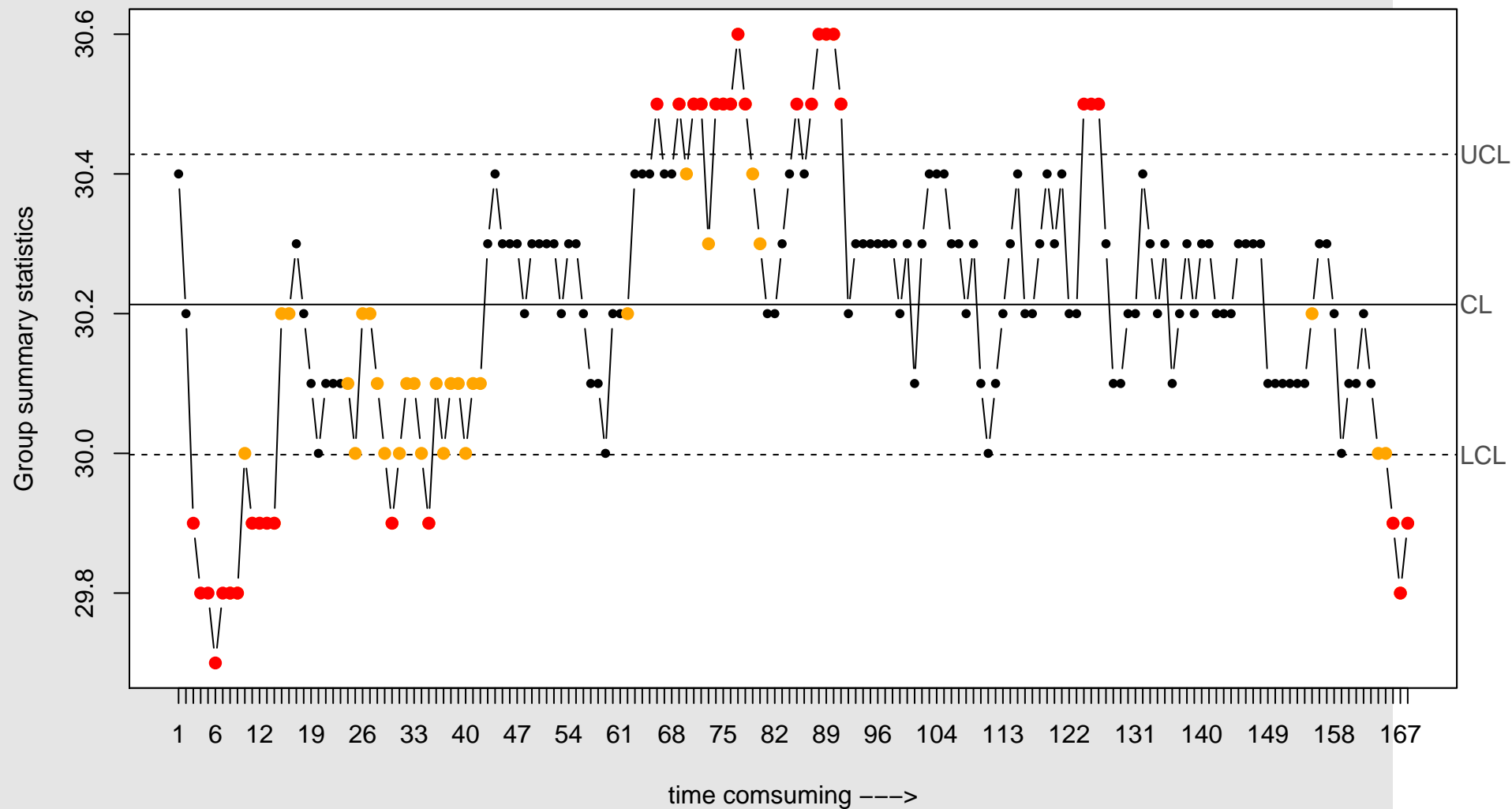


Number of groups = 168
Center = 30.26845
StdDev = 0.06848006

LCL = 30.06301
UCL = 30.47389

Number beyond limits = 56
Number violating runs = 91

79th column point of this product

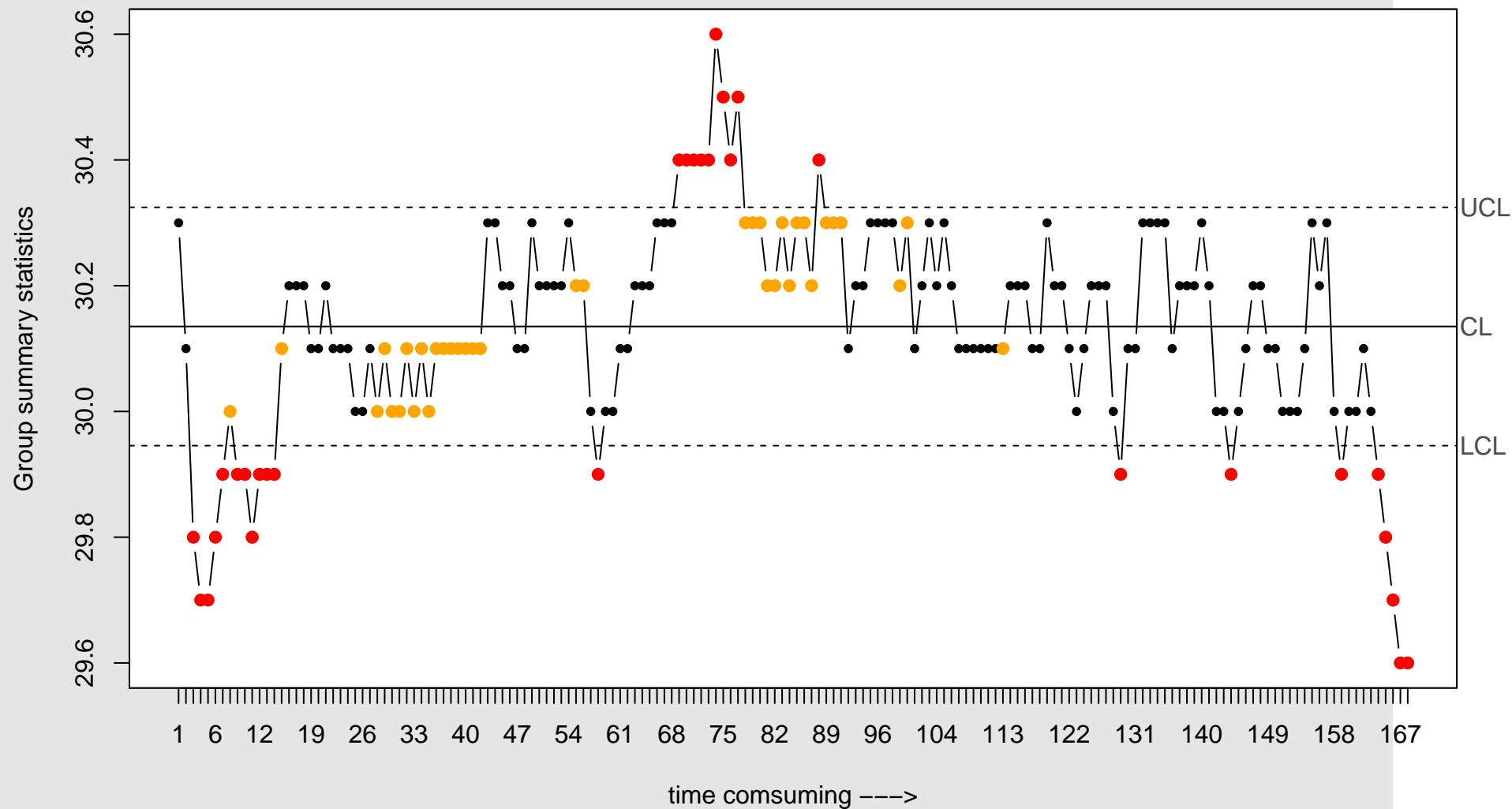


Number of groups = 168
Center = 30.2131
StdDev = 0.07166518

LCL = 29.9981
UCL = 30.42809

Number beyond limits = 34
Number violating runs = 50

80th column point of this product



Number of groups = 168

Center = 30.13512

StdDev = 0.06317153

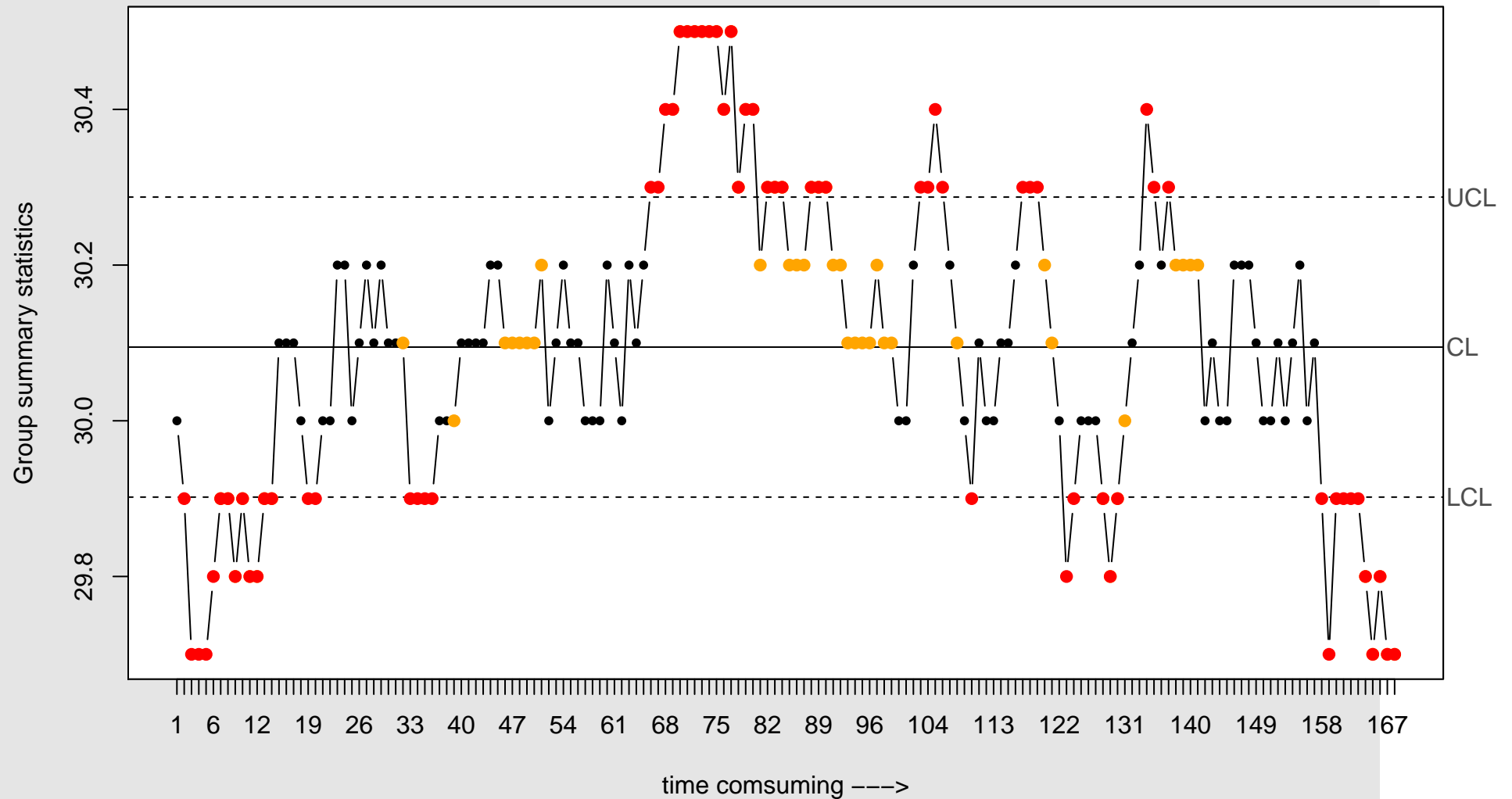
LCL = 29.9456

UCL = 30.32463

Number beyond limits = 30

Number violating runs = 56

81th column point of this product

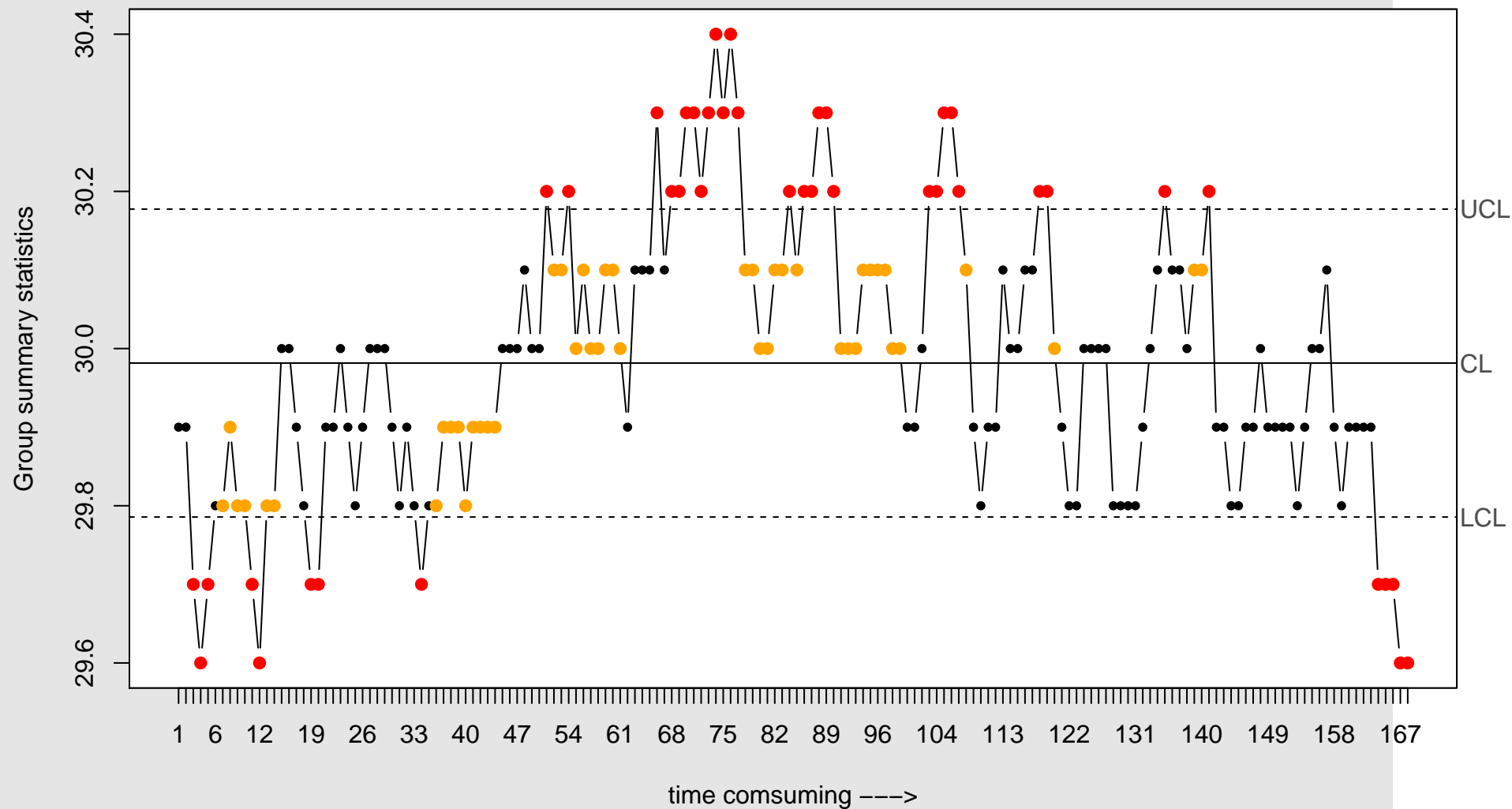


Number of groups = 168
Center = 30.09464
StdDev = 0.06423324

LCL = 29.90194
UCL = 30.28734

Number beyond limits = 67
Number violating runs = 63

82th column point of this product



Number of groups = 168

Center = 29.98155

StdDev = 0.06529494

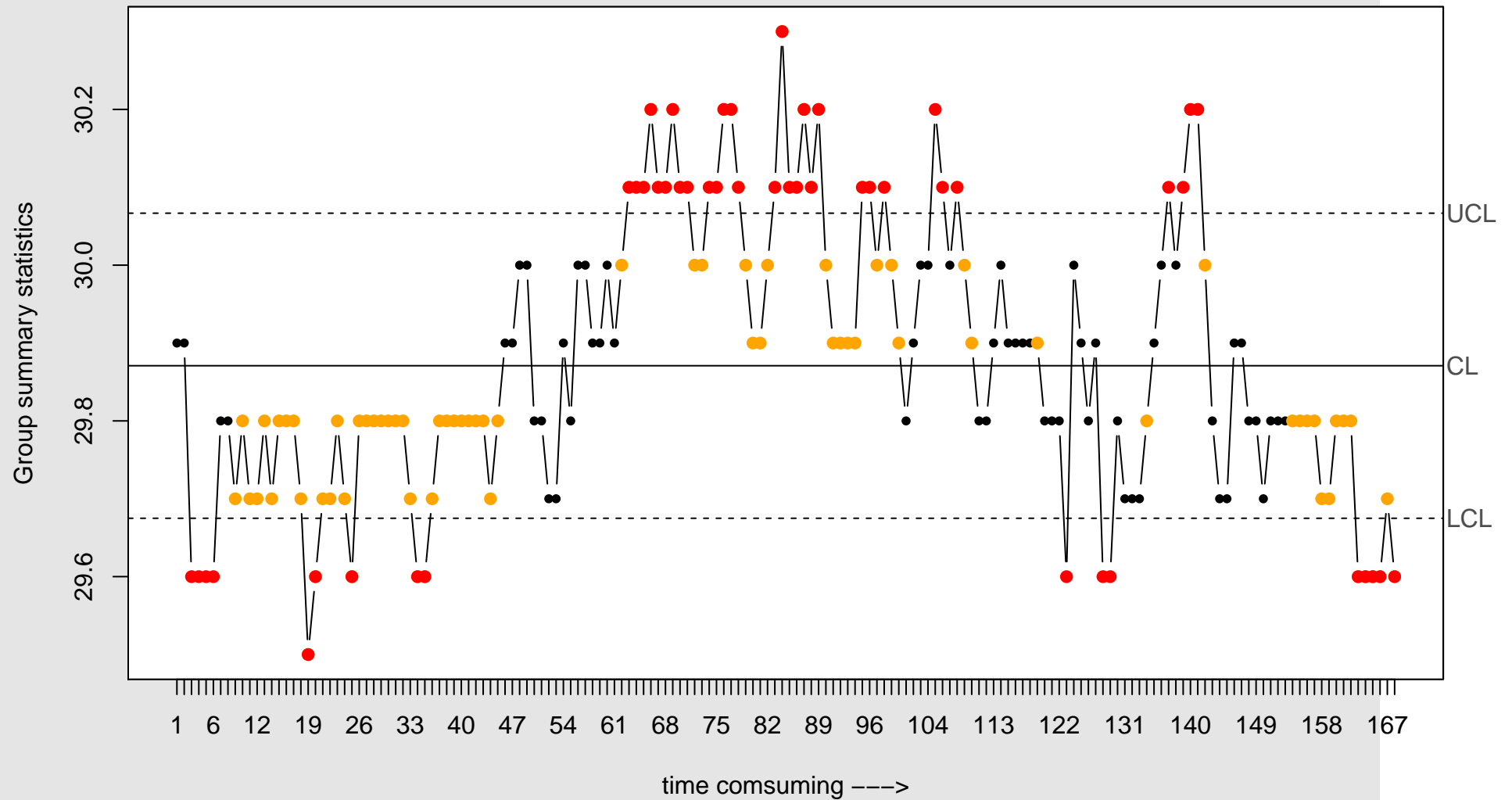
LCL = 29.78566

UCL = 30.17743

Number beyond limits = 41

Number violating runs = 70

83th column point of this product



Number of groups = 168

Center = 29.87083

StdDev = 0.06529494

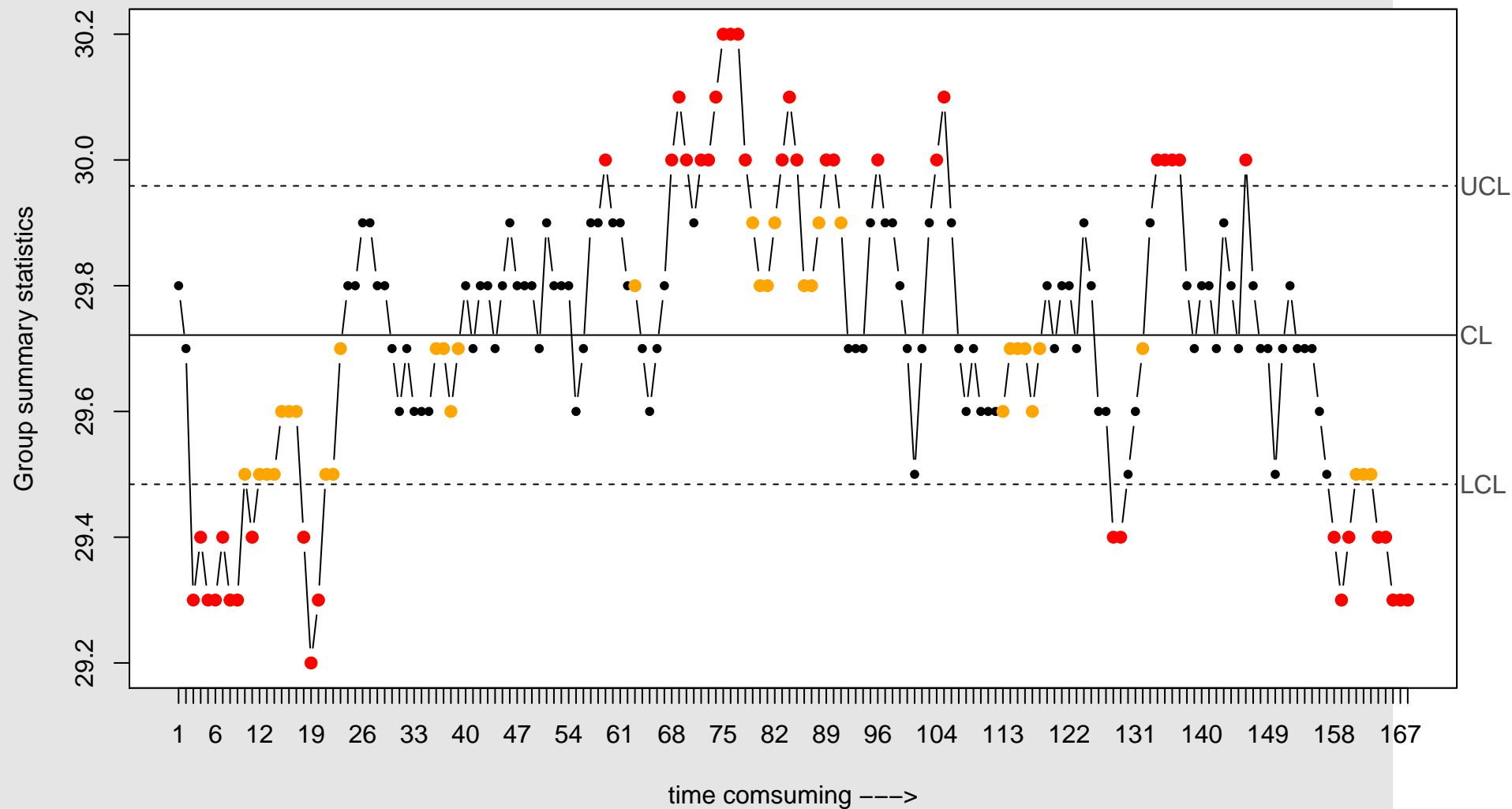
LCL = 29.67495

UCL = 30.06672

Number beyond limits = 48

Number violating runs = 98

84th column point of this product

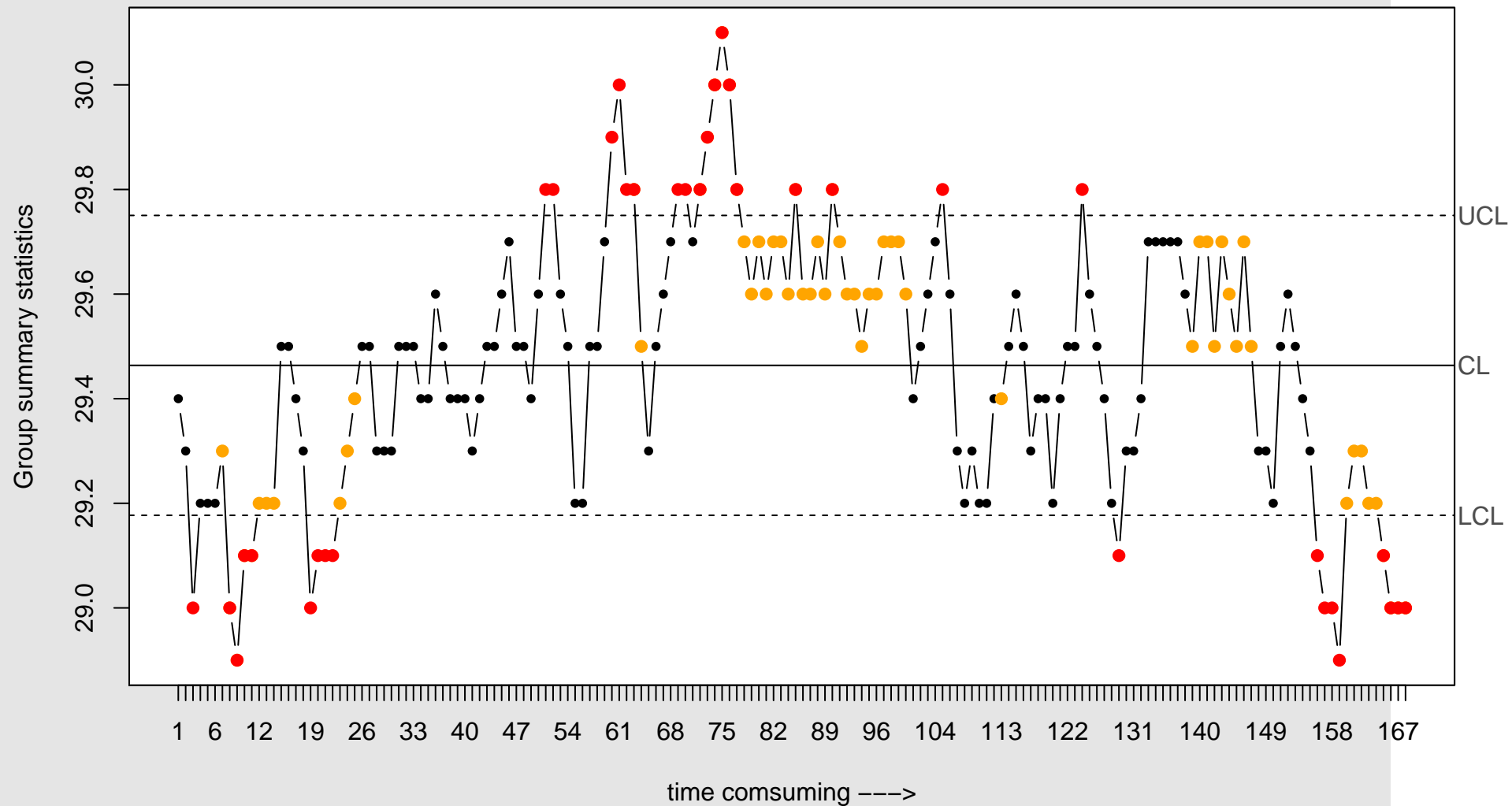


Number of groups = 168
Center = 29.72143
StdDev = 0.07909712

LCL = 29.48414
UCL = 29.95872

Number beyond limits = 45
Number violating runs = 57

85th column point of this product

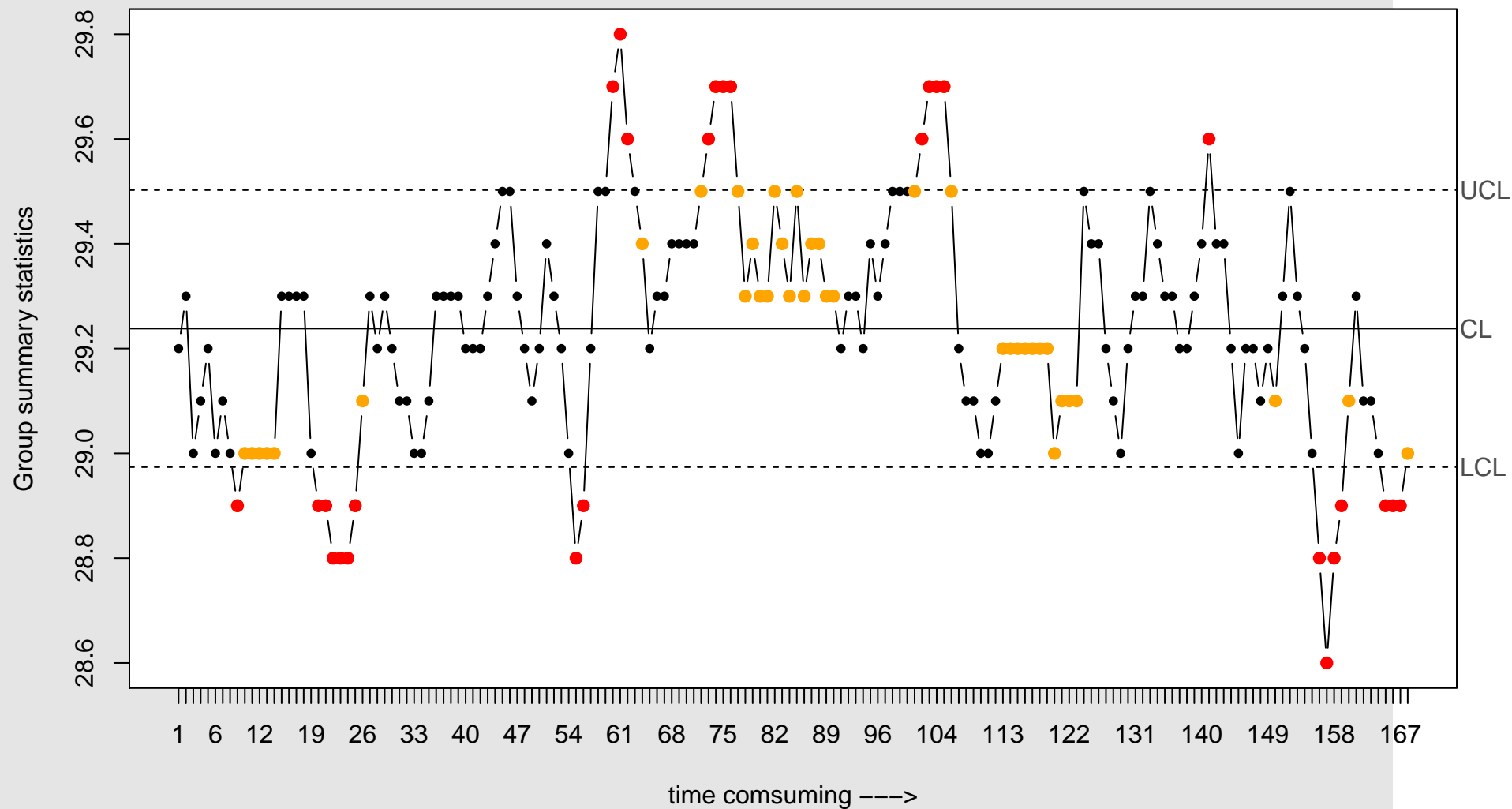


Number of groups = 168
Center = 29.46369
StdDev = 0.09555357

LCL = 29.17703
UCL = 29.75035

Number beyond limits = 36
Number violating runs = 61

86th column point of this product

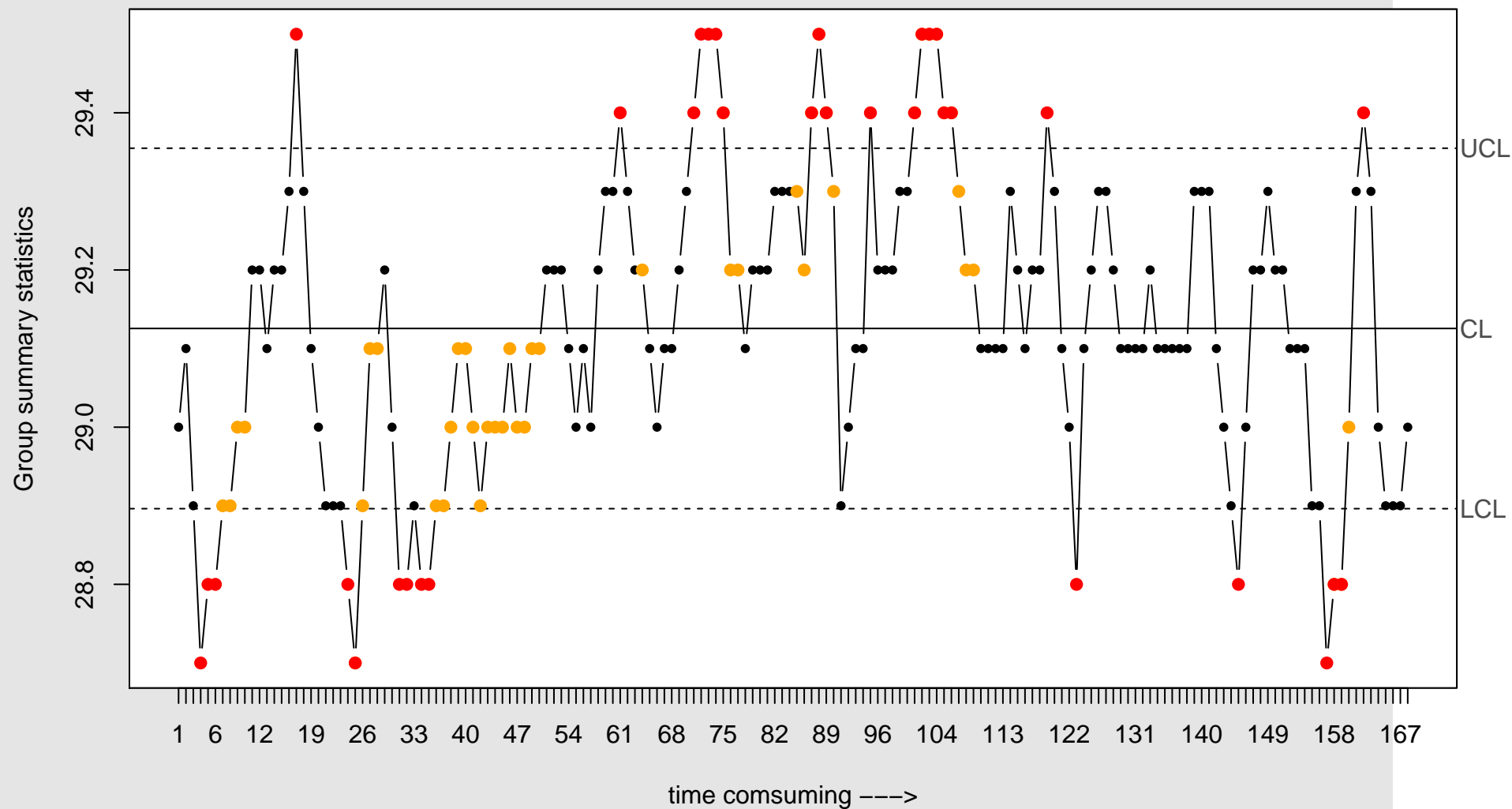


Number of groups = 168
Center = 29.2381
StdDev = 0.08812163

LCL = 28.97373
UCL = 29.50246

Number beyond limits = 28
Number violating runs = 48

87th column point of this product

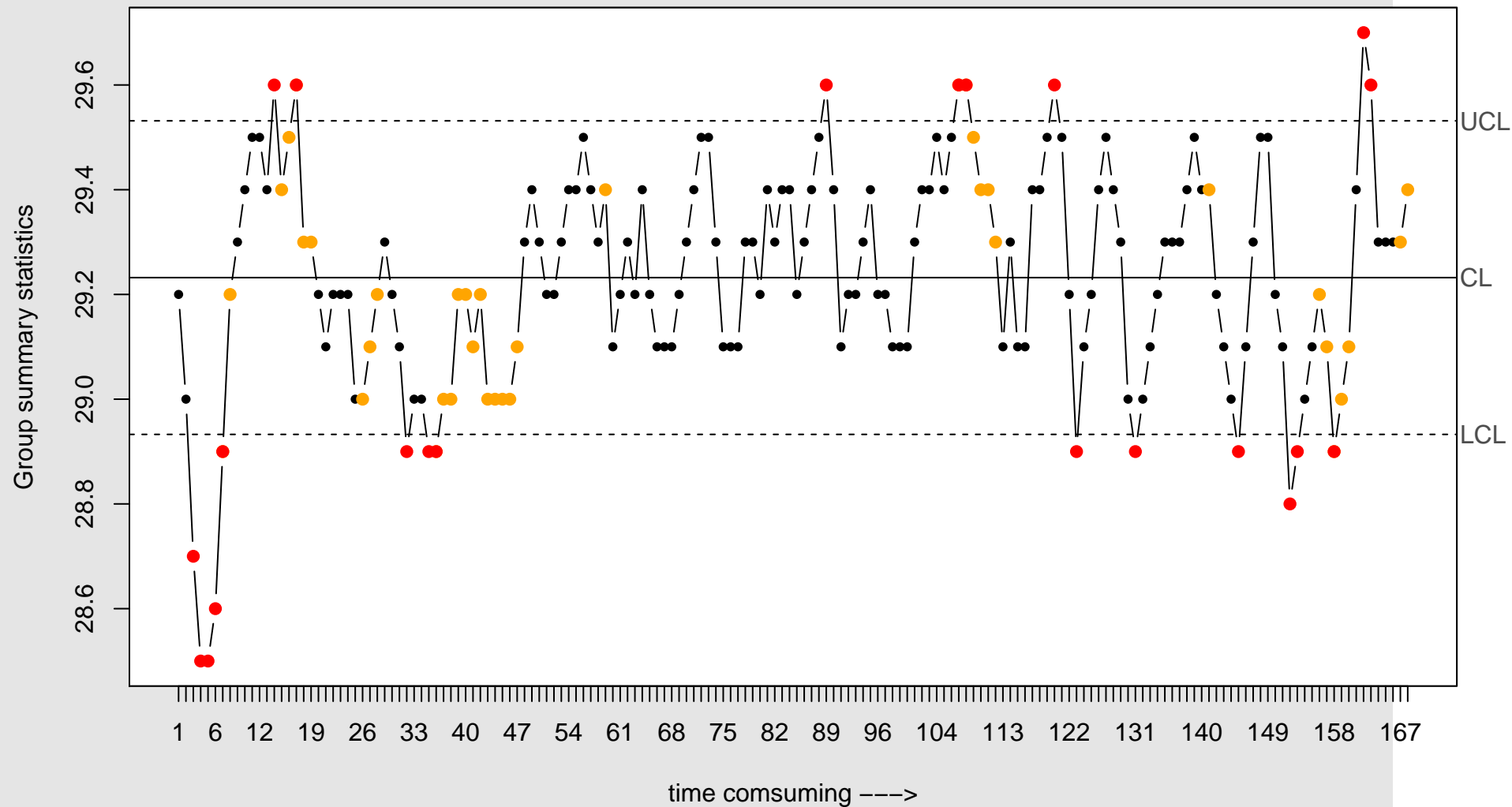


Number of groups = 168
Center = 29.1256
StdDev = 0.07644286

LCL = 28.89627
UCL = 29.35492

Number beyond limits = 33
Number violating runs = 45

88th column point of this product

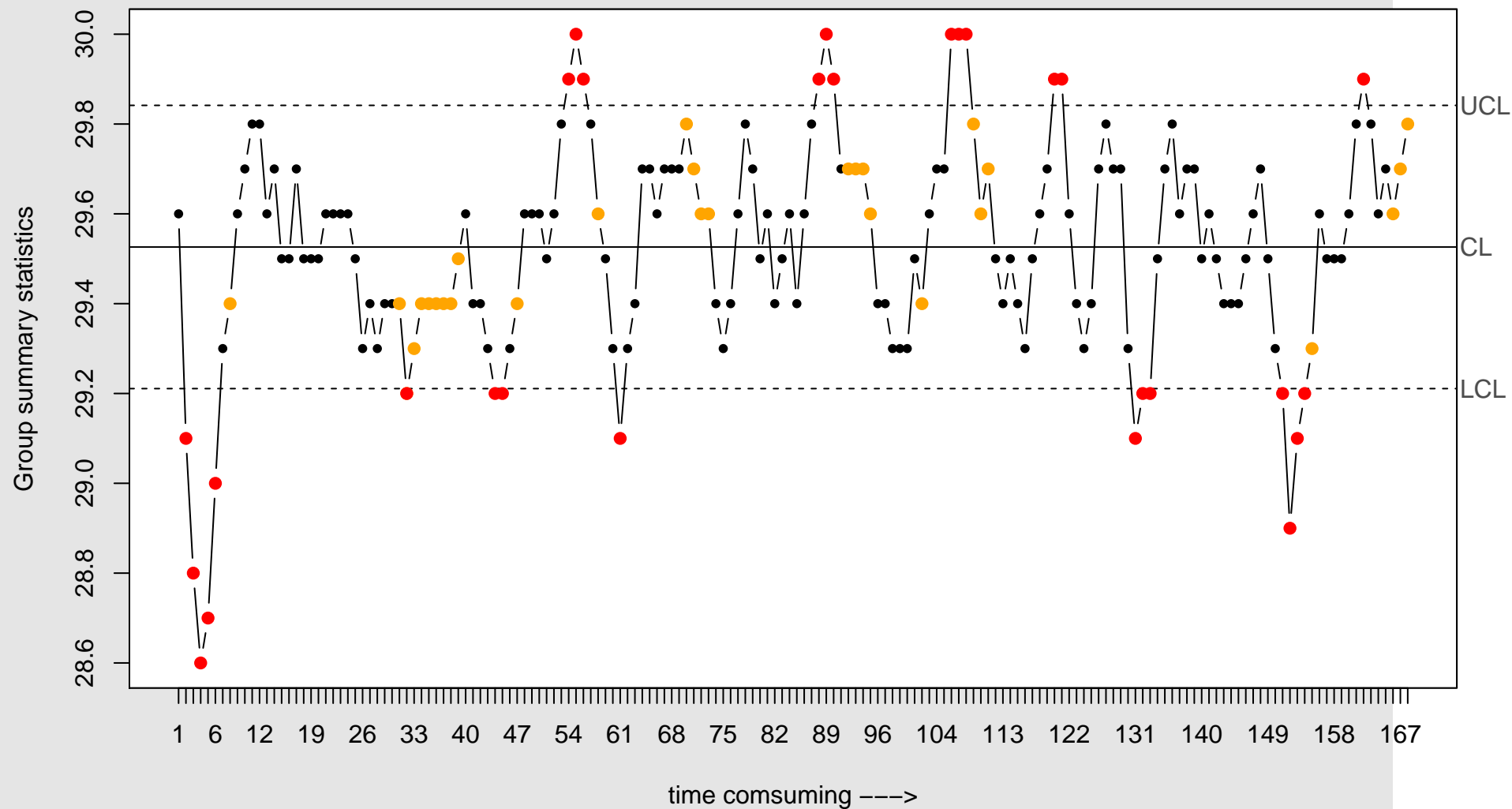


Number of groups = 168
Center = 29.23214
StdDev = 0.0998004

LCL = 28.93274
UCL = 29.53154

Number beyond limits = 22
Number violating runs = 37

89th column point of this product

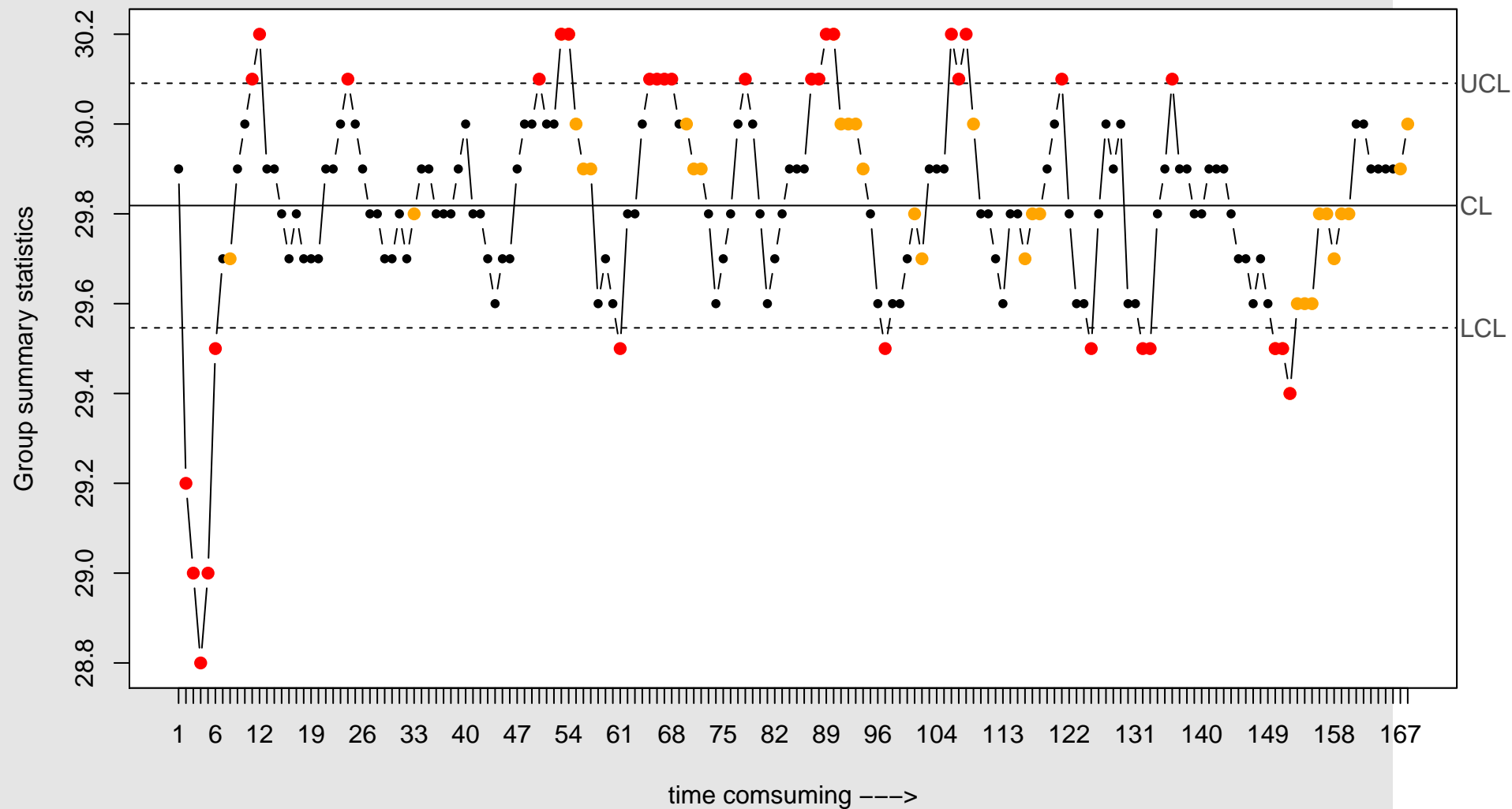


Number of groups = 168
Center = 29.52619
StdDev = 0.1051089

LCL = 29.21086
UCL = 29.84152

Number beyond limits = 28
Number violating runs = 28

90th column point of this product



Number of groups = 168

Center = 29.81845

StdDev = 0.0907759

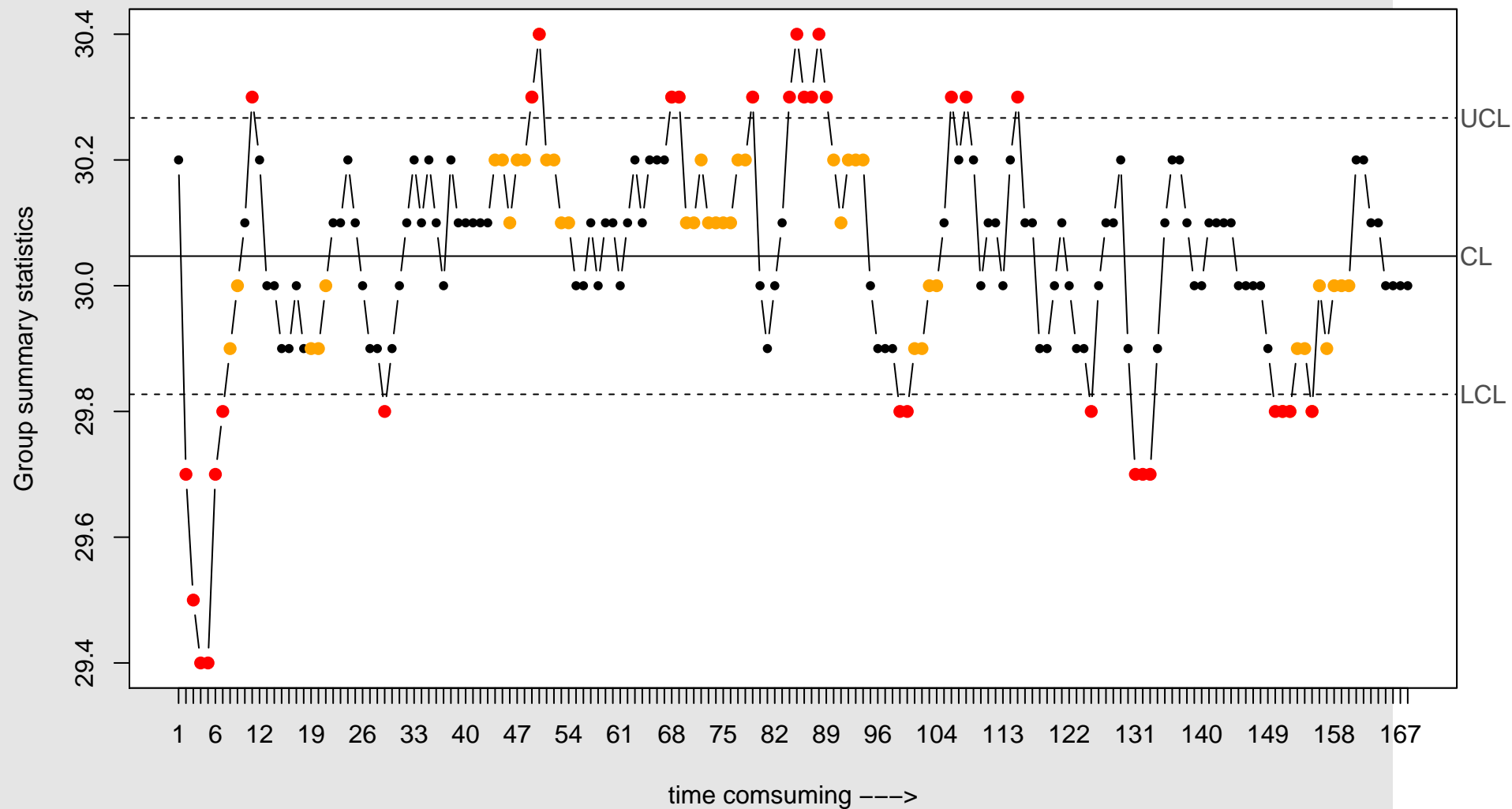
LCL = 29.54612

UCL = 30.09078

Number beyond limits = 33

Number violating runs = 34

91th column point of this product

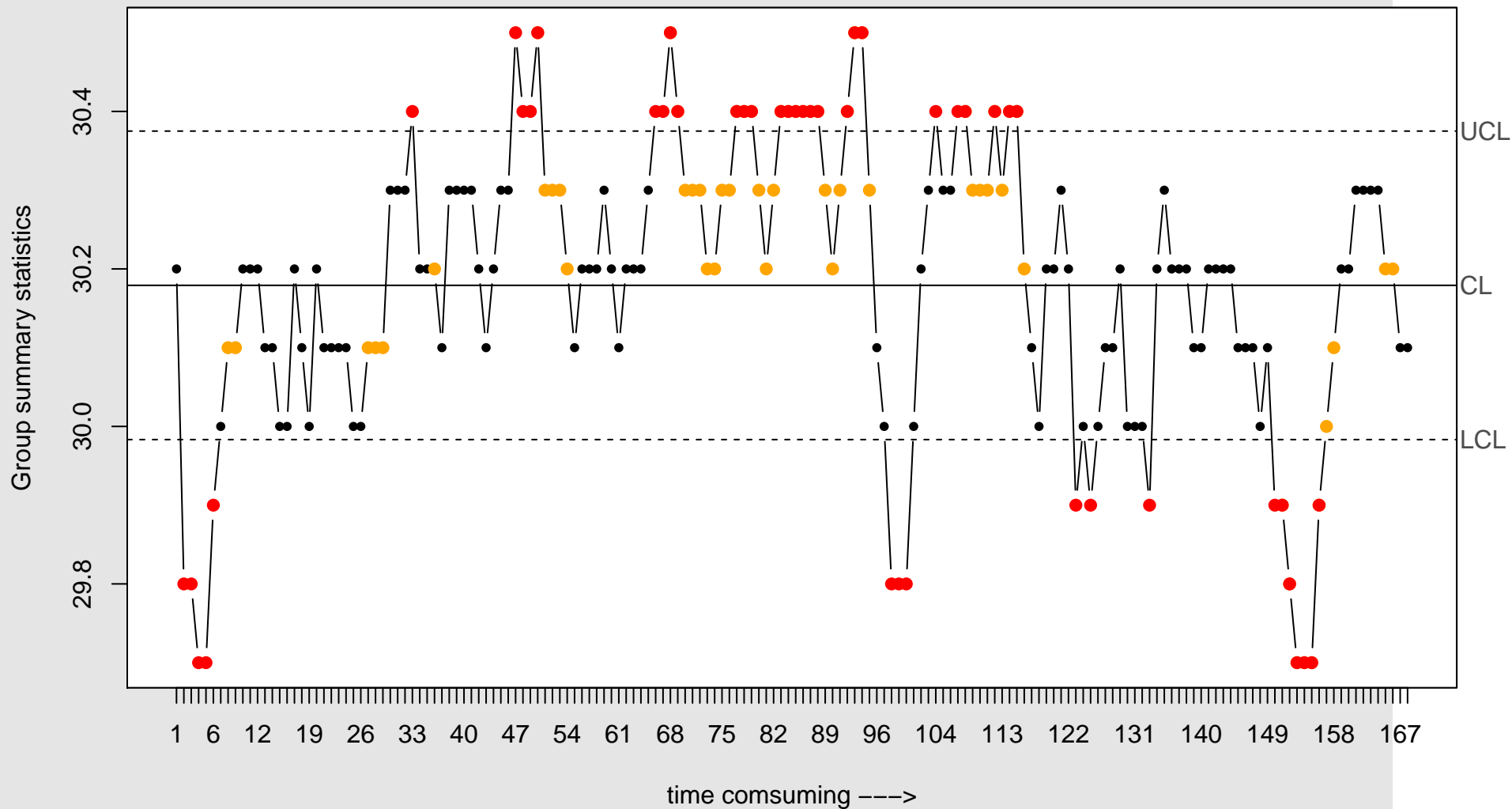


Number of groups = 168
Center = 30.04702
StdDev = 0.07325774

LCL = 29.82725
UCL = 30.2668

Number beyond limits = 32
Number violating runs = 48

92th column point of this product

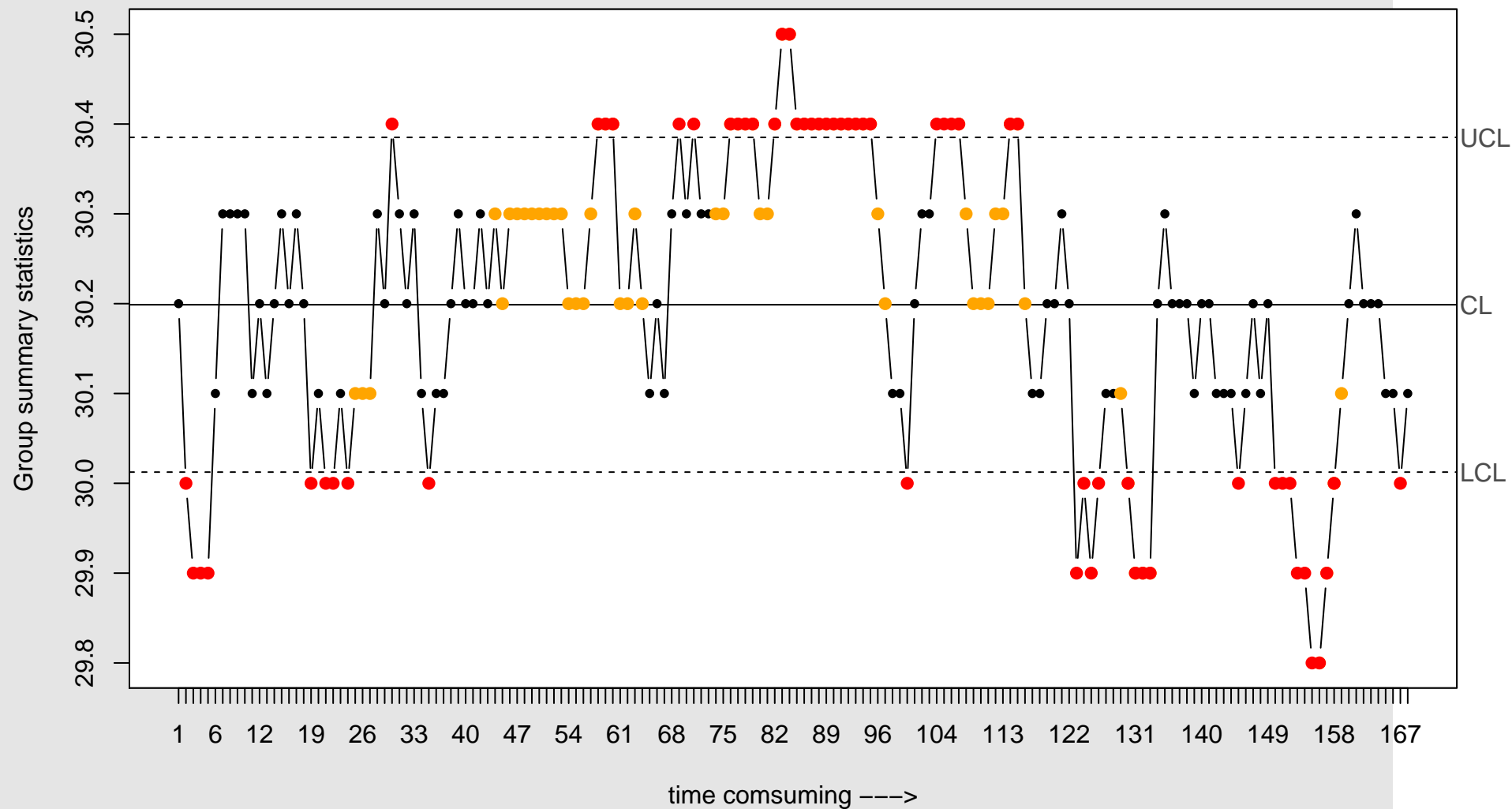


Number of groups = 168
Center = 30.17917
StdDev = 0.06529494

LCL = 29.98328
UCL = 30.37505

Number beyond limits = 45
Number violating runs = 58

93th column point of this product

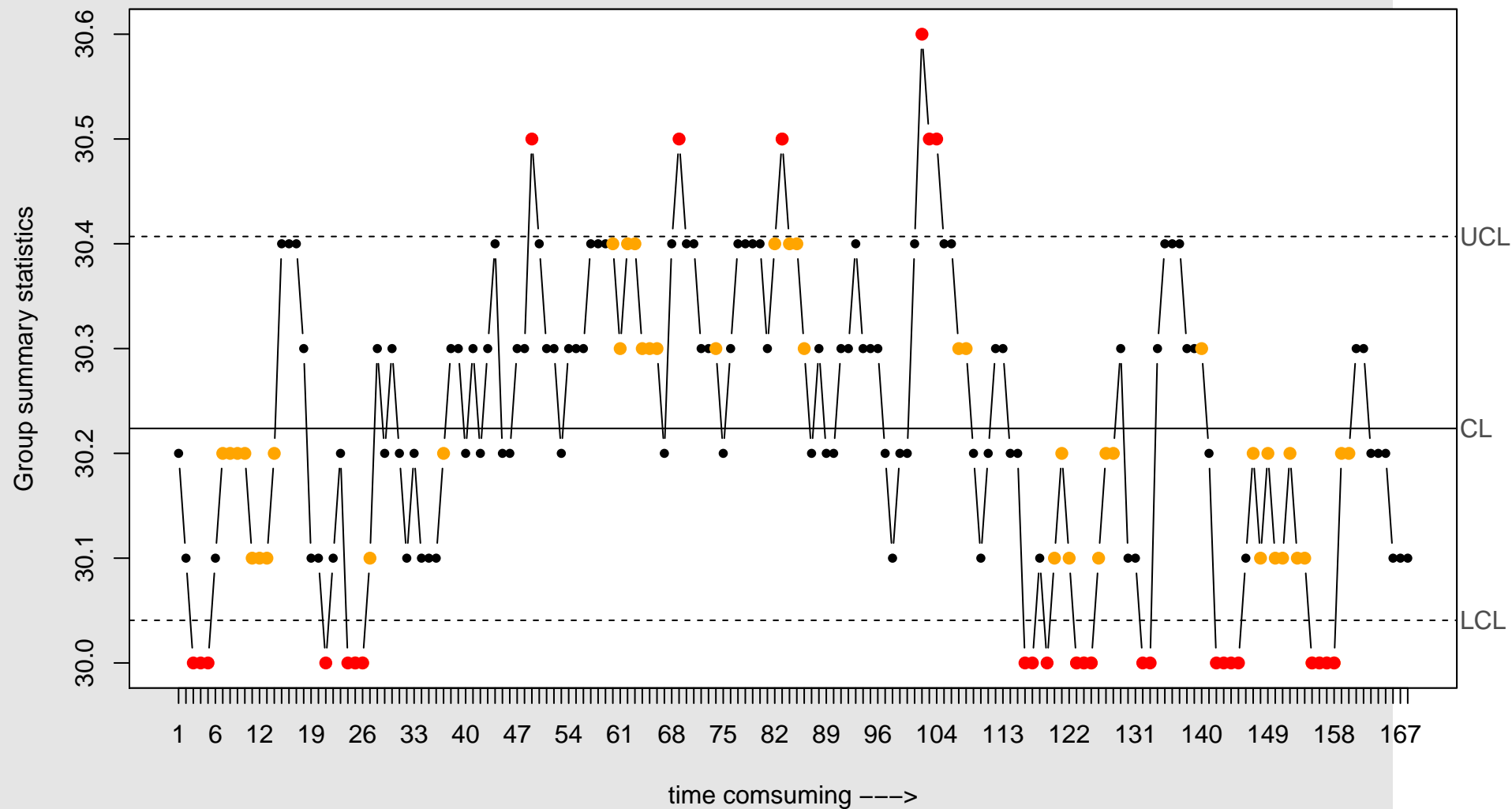


Number of groups = 168
Center = 30.19881
StdDev = 0.06210982

LCL = 30.01248
UCL = 30.38514

Number beyond limits = 59
Number violating runs = 67

94th column point of this product

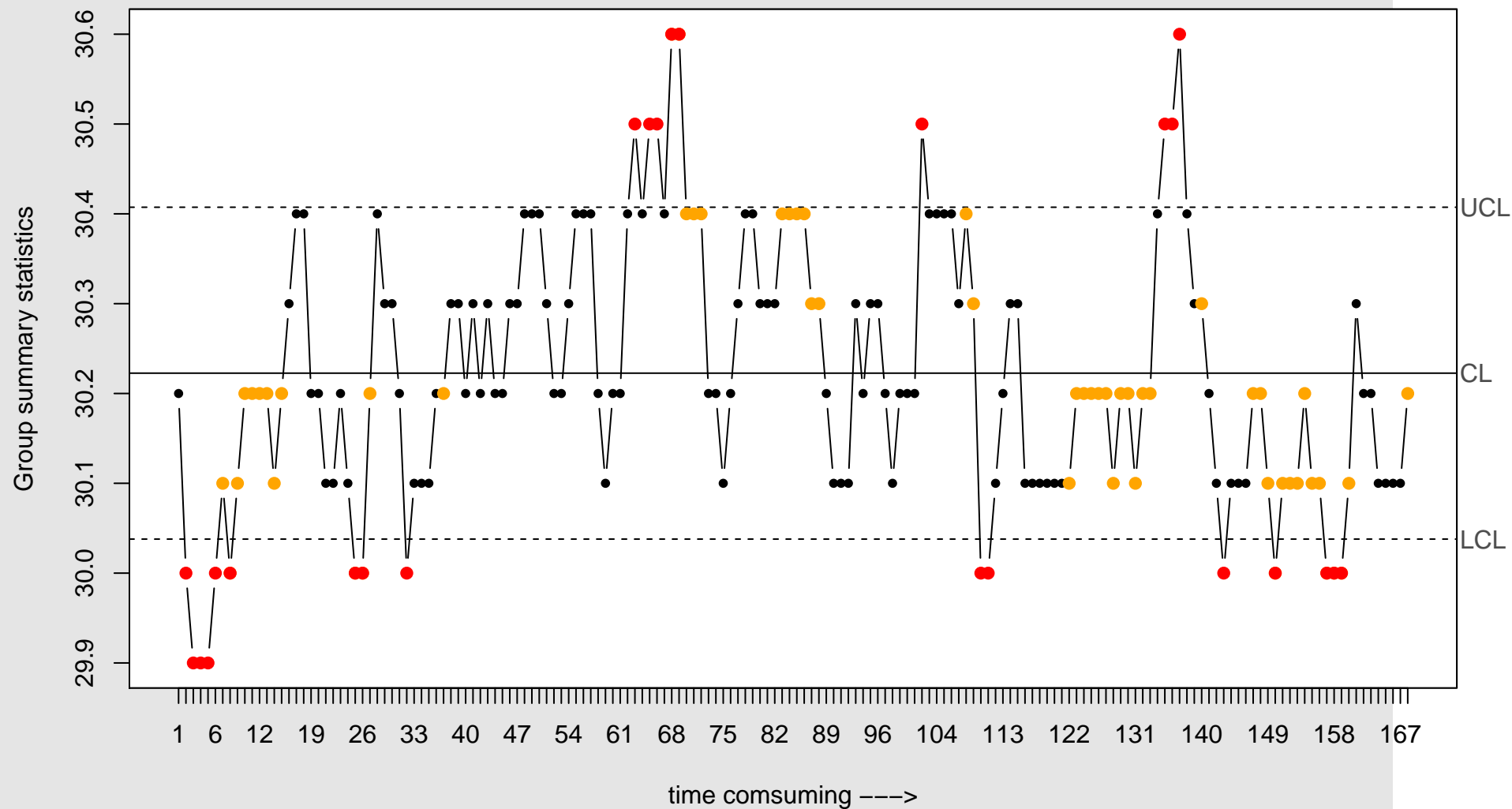


Number of groups = 168
 Center = 30.22381
 StdDev = 0.06104812

LCL = 30.04067
 UCL = 30.40695

Number beyond limits = 29
 Number violating runs = 51

95th column point of this product

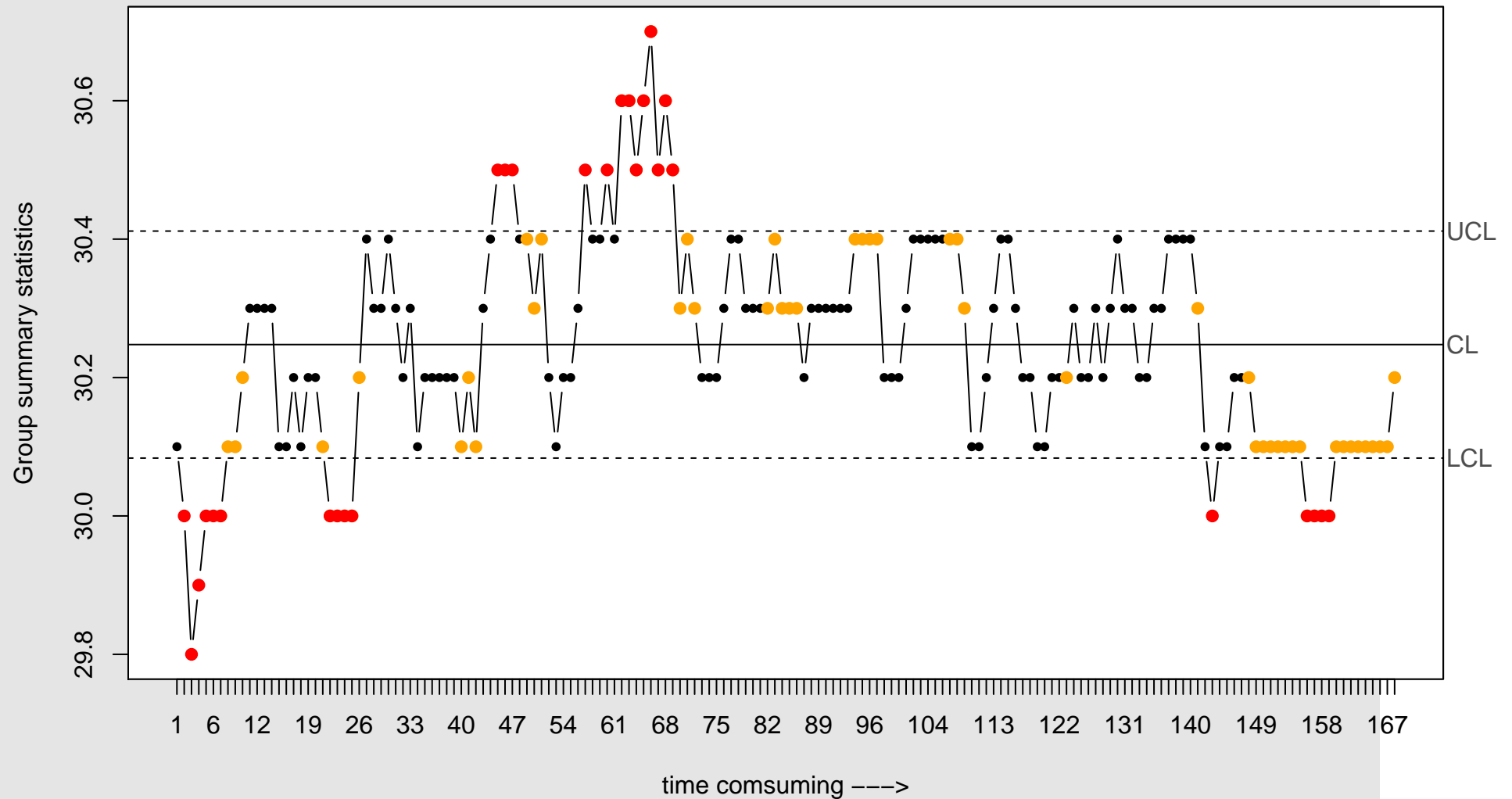


Number of groups = 168
Center = 30.22262
StdDev = 0.06157897

LCL = 30.03788
UCL = 30.40736

Number beyond limits = 25
Number violating runs = 54

96th column point of this product



Number of groups = 168

Center = 30.24762

StdDev = 0.05467788

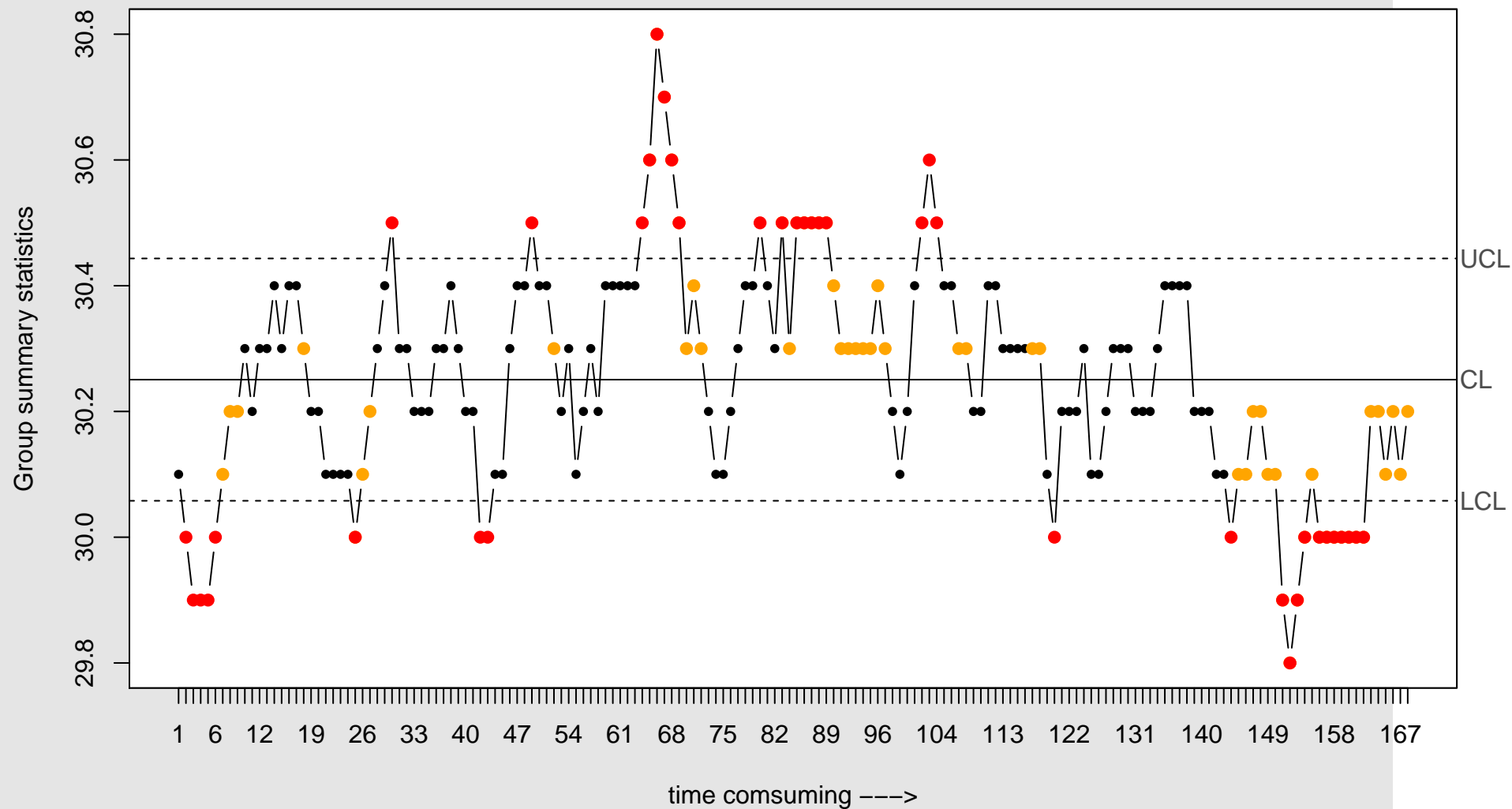
LCL = 30.08359

UCL = 30.41165

Number beyond limits = 28

Number violating runs = 62

97th column point of this product



Number of groups = 168

Center = 30.2506

StdDev = 0.06423324

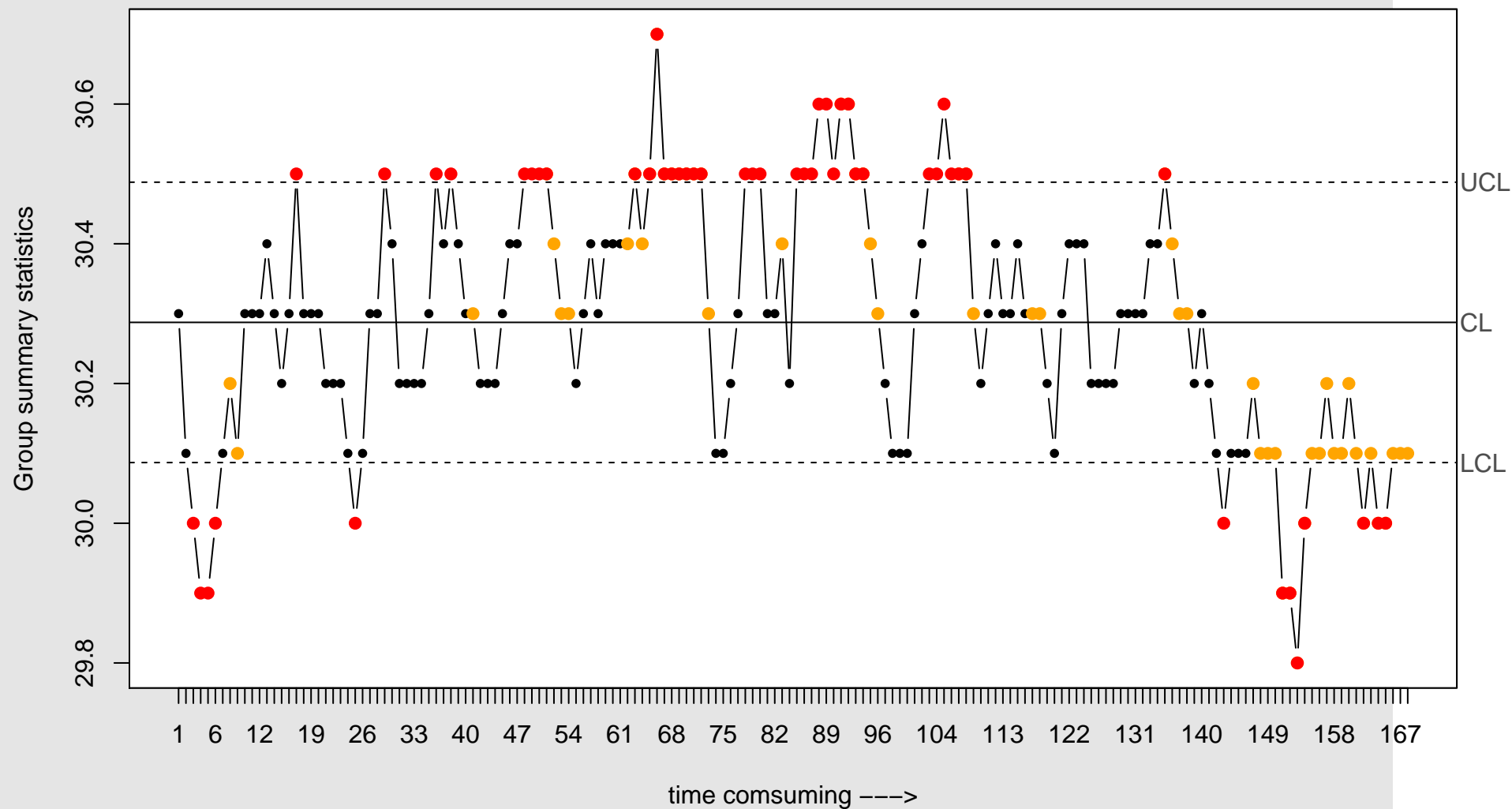
LCL = 30.0579

UCL = 30.44329

Number beyond limits = 39

Number violating runs = 59

98th column point of this product

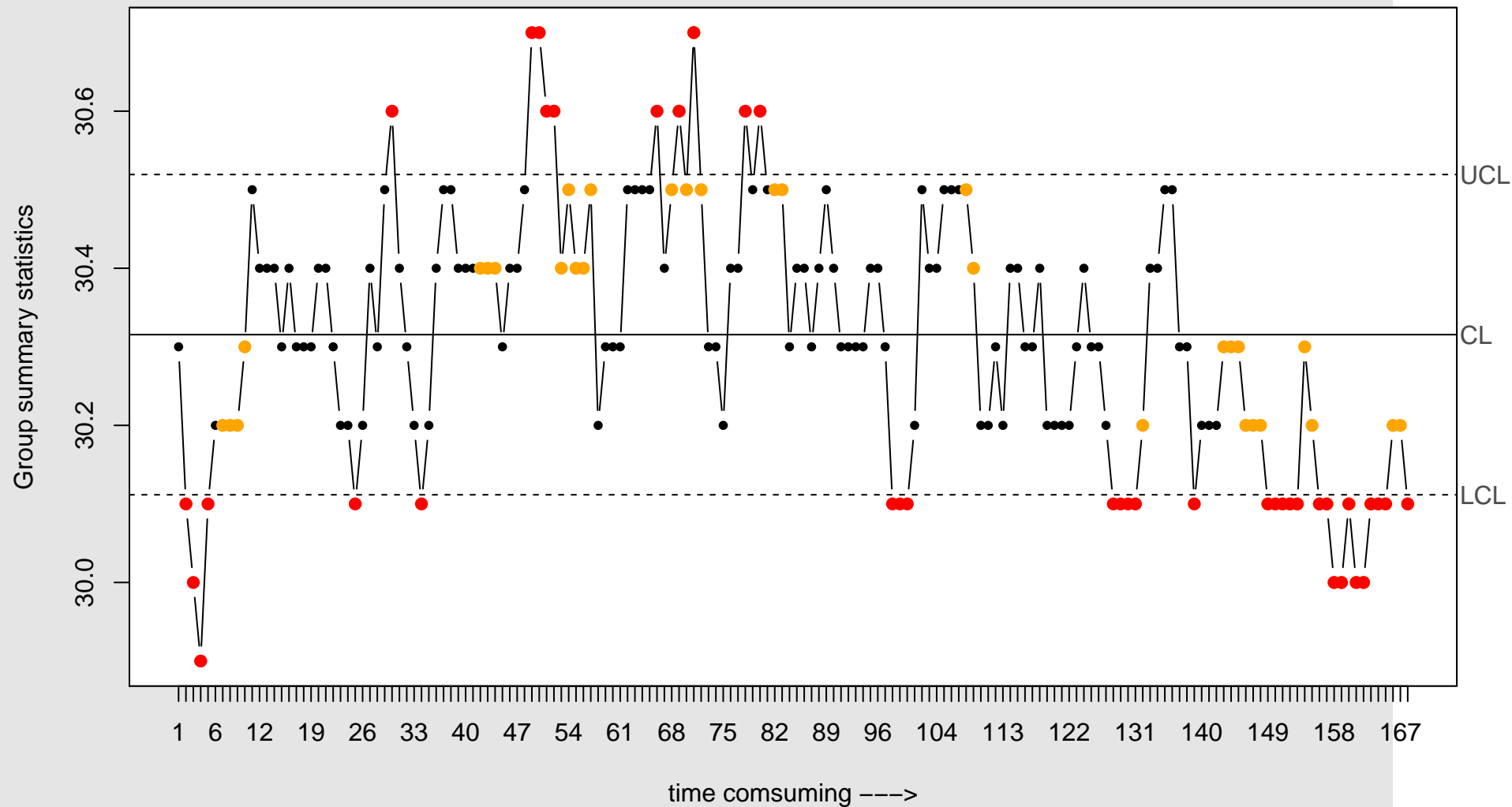


Number of groups = 168
Center = 30.2875
StdDev = 0.0668875

LCL = 30.08684
UCL = 30.48816

Number beyond limits = 50
Number violating runs = 57

99th column point of this product

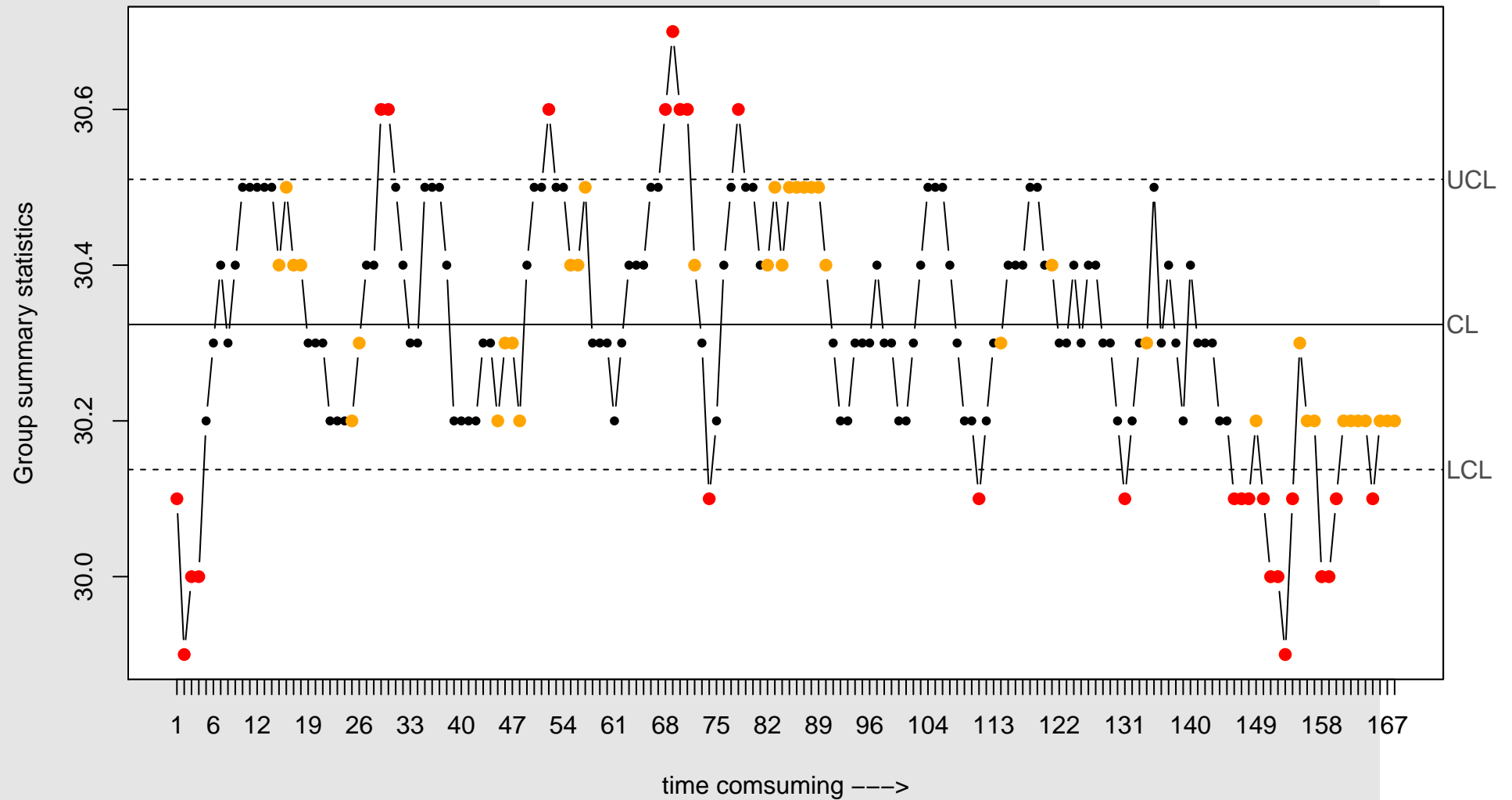


Number of groups = 168
Center = 30.31548
StdDev = 0.06794921

LCL = 30.11163
UCL = 30.51932

Number beyond limits = 40
Number violating runs = 50

100th column point of this product

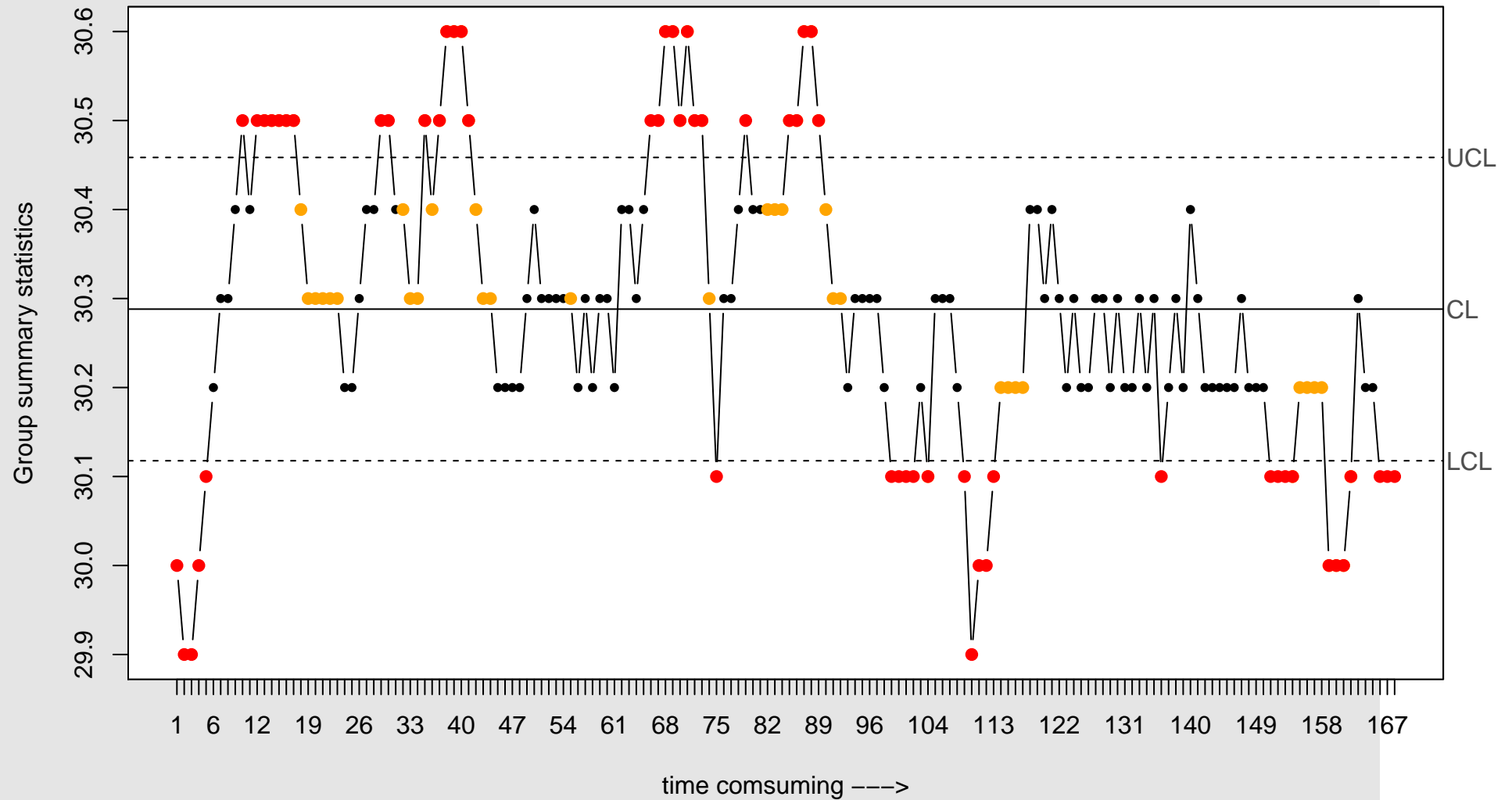


Number of groups = 168
 Center = 30.32381
 StdDev = 0.06210982

LCL = 30.13748
 UCL = 30.51014

Number beyond limits = 27
 Number violating runs = 51

101th column point of this product

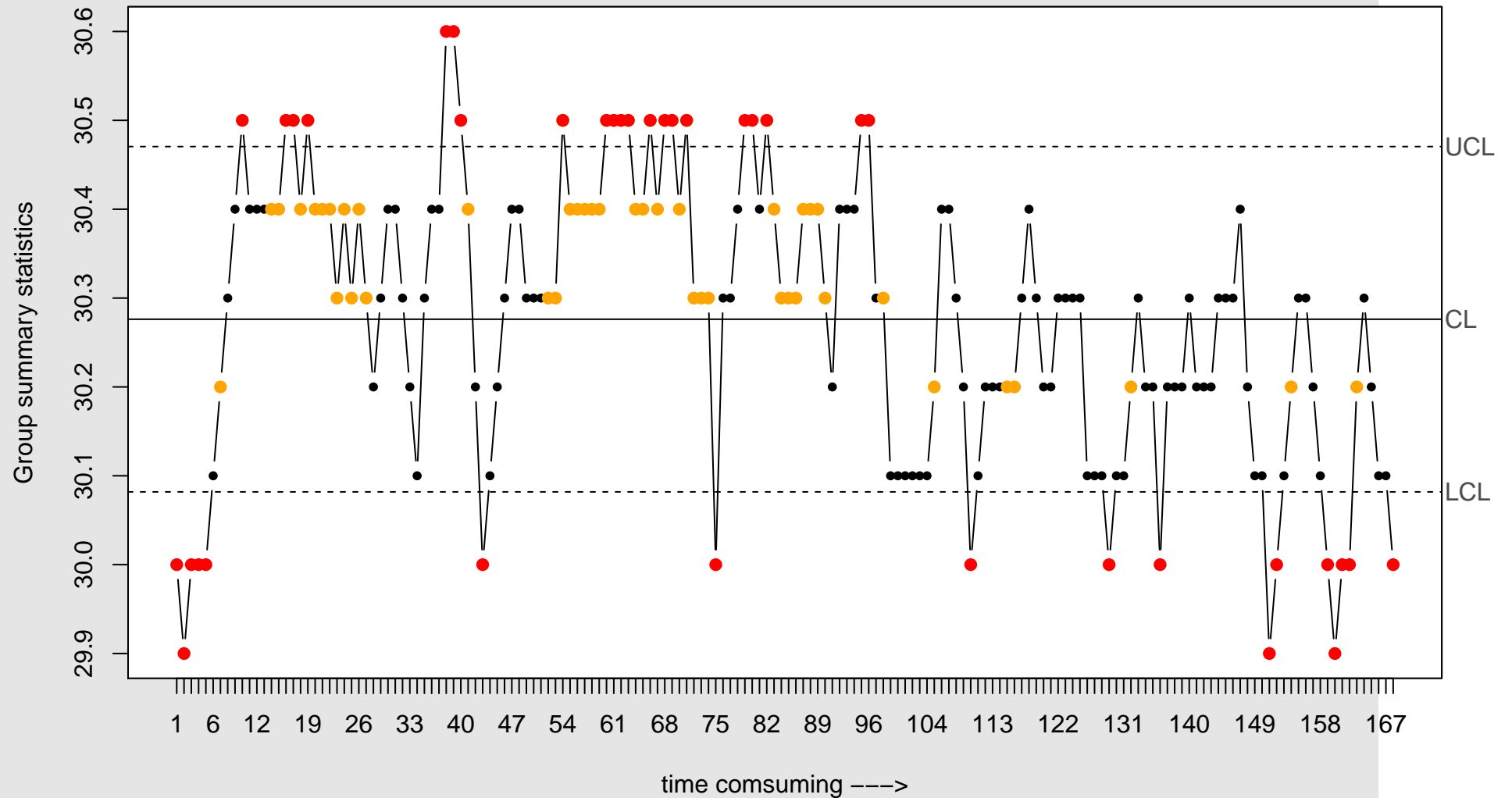


Number of groups = 168
Center = 30.2881
StdDev = 0.05680129

LCL = 30.11769
UCL = 30.4585

Number beyond limits = 57
Number violating runs = 57

102th column point of this product

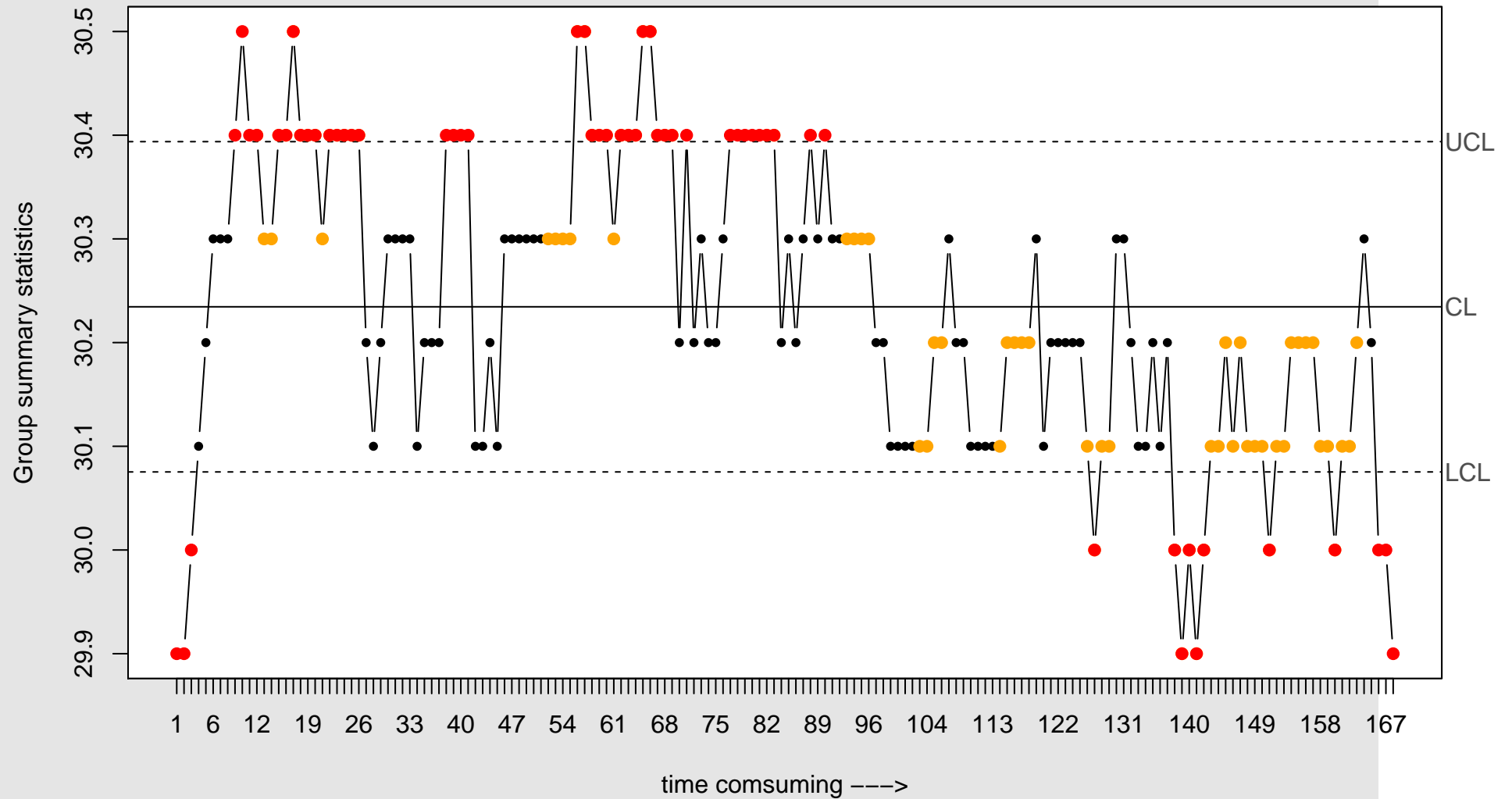


Number of groups = 168
Center = 30.27619
StdDev = 0.06476409

LCL = 30.0819
UCL = 30.47048

Number beyond limits = 38
Number violating runs = 55

103th column point of this product

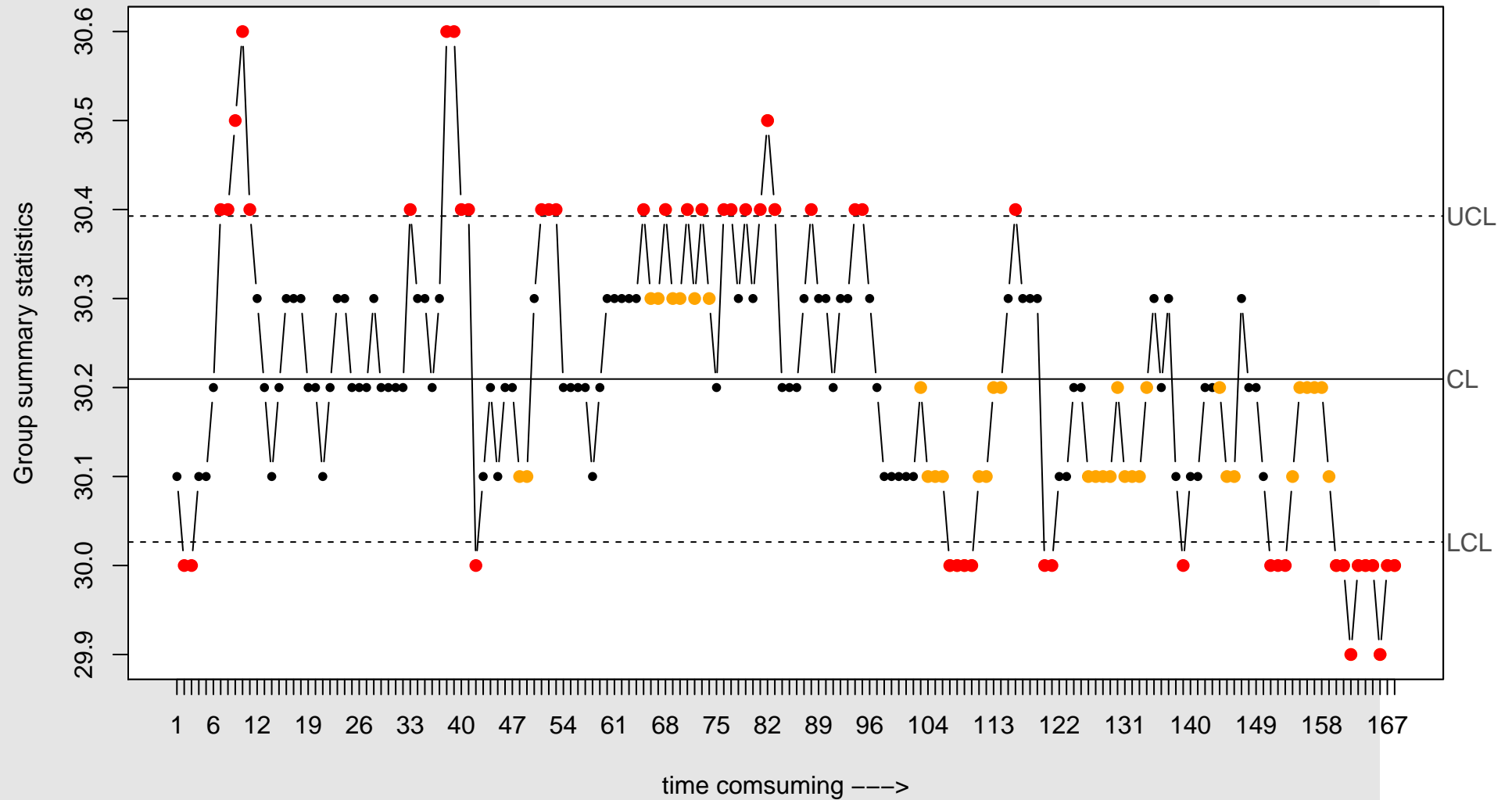


Number of groups = 168
Center = 30.23452
StdDev = 0.05308532

LCL = 30.07527
UCL = 30.39378

Number beyond limits = 56
Number violating runs = 78

104th column point of this product



Number of groups = 168

Center = 30.20952

StdDev = 0.06104812

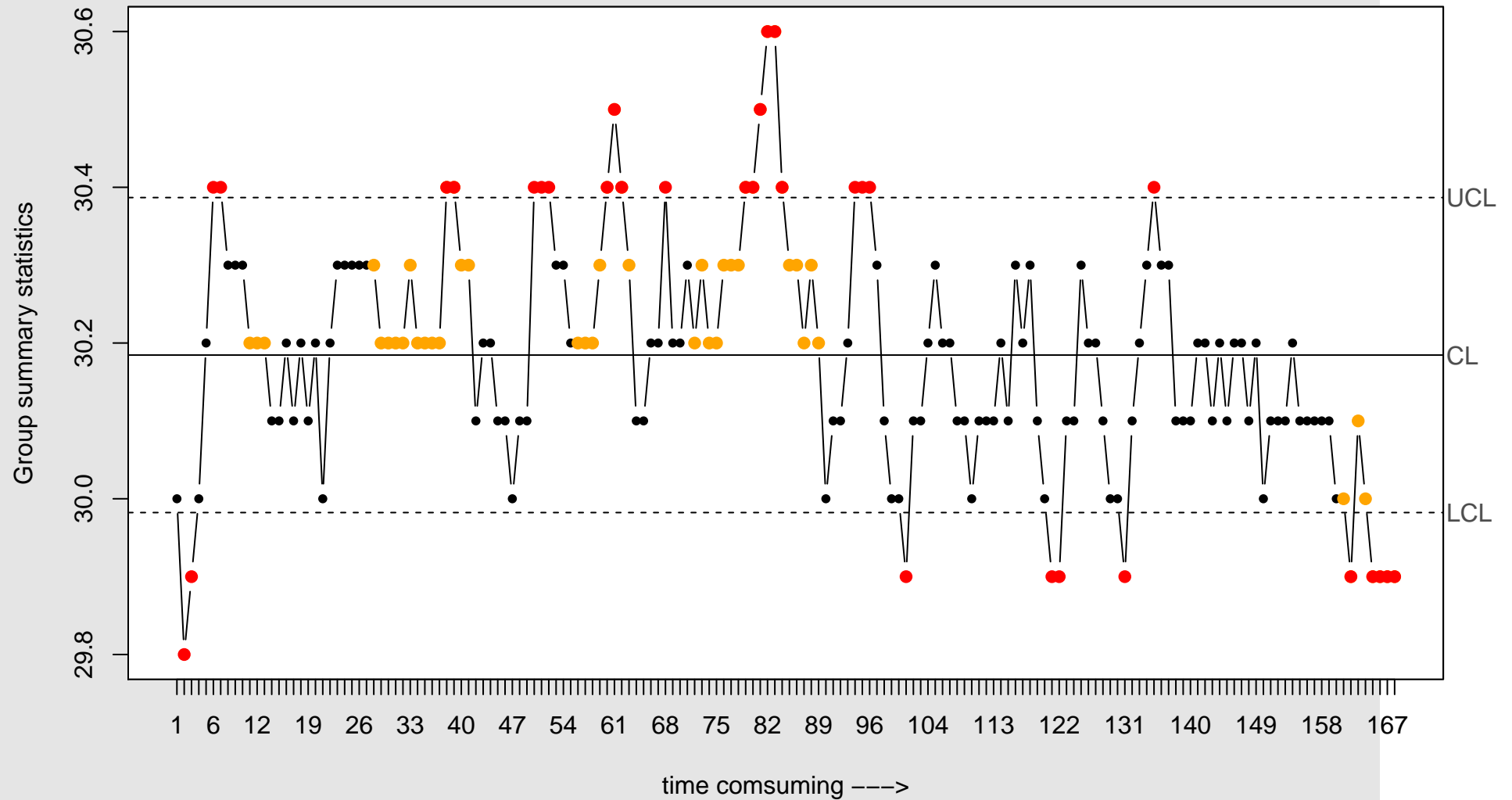
LCL = 30.02638

UCL = 30.39267

Number beyond limits = 49

Number violating runs = 52

105th column point of this product

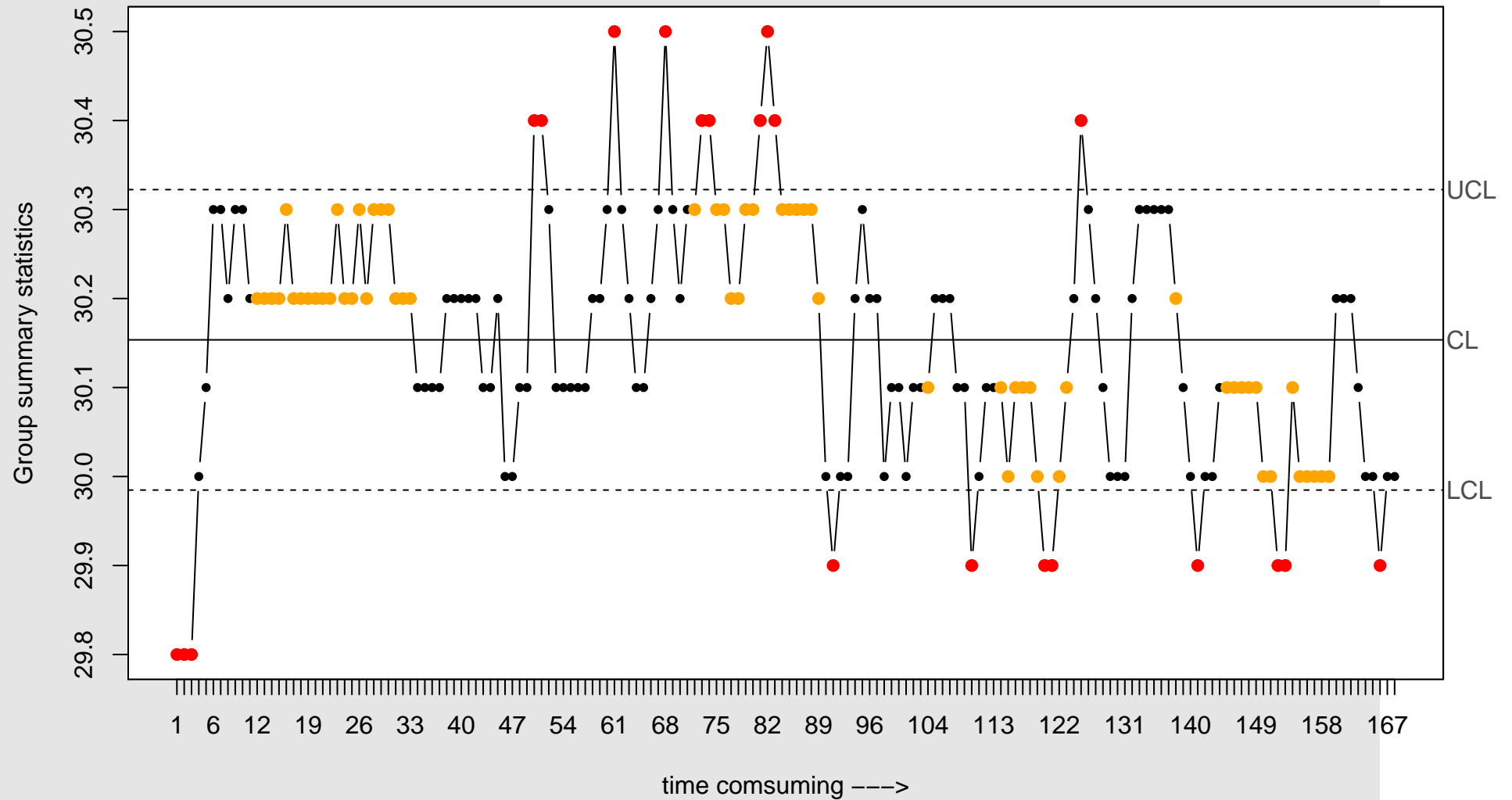


Number of groups = 168
Center = 30.18452
StdDev = 0.06741835

LCL = 29.98227
UCL = 30.38678

Number beyond limits = 32
Number violating runs = 51

106th column point of this product

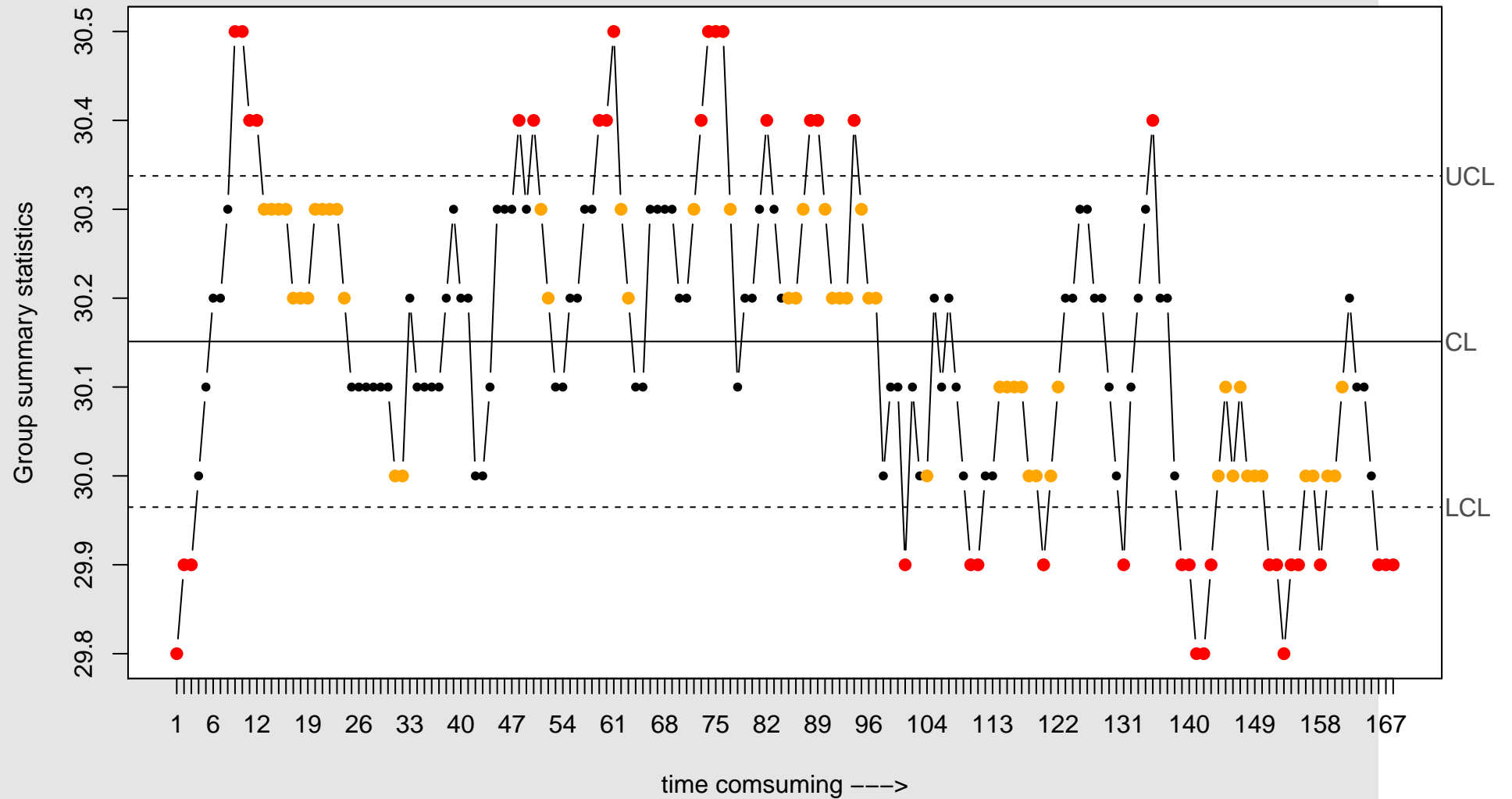


Number of groups = 168
Center = 30.15357
StdDev = 0.05627044

LCL = 29.98476
UCL = 30.32238

Number beyond limits = 21
Number violating runs = 67

107th column point of this product



Number of groups = 168

Center = 30.15119

StdDev = 0.06210982

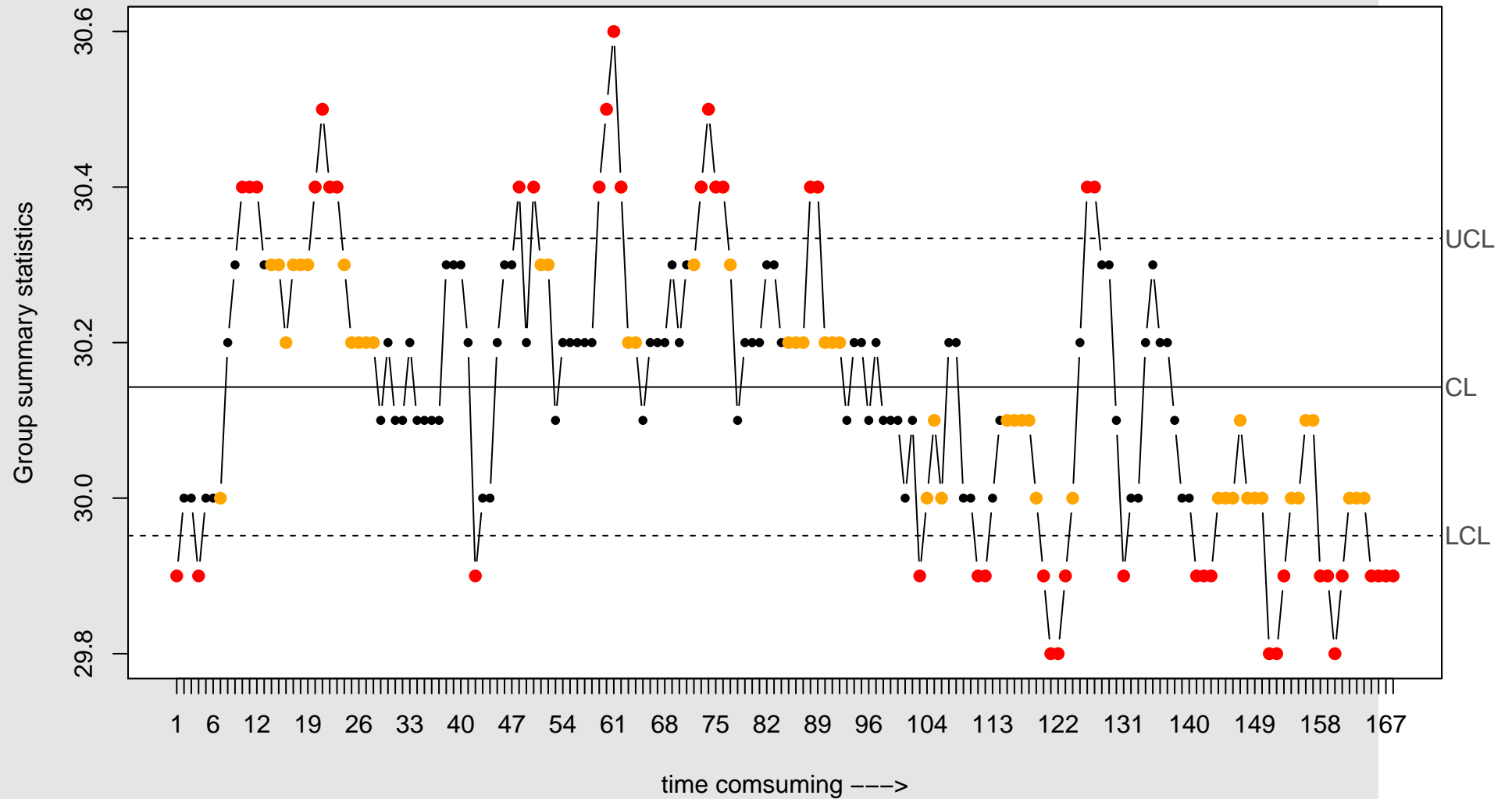
LCL = 29.96486

UCL = 30.33752

Number beyond limits = 40

Number violating runs = 67

108th column point of this product



Number of groups = 168

Center = 30.14286

StdDev = 0.06370238

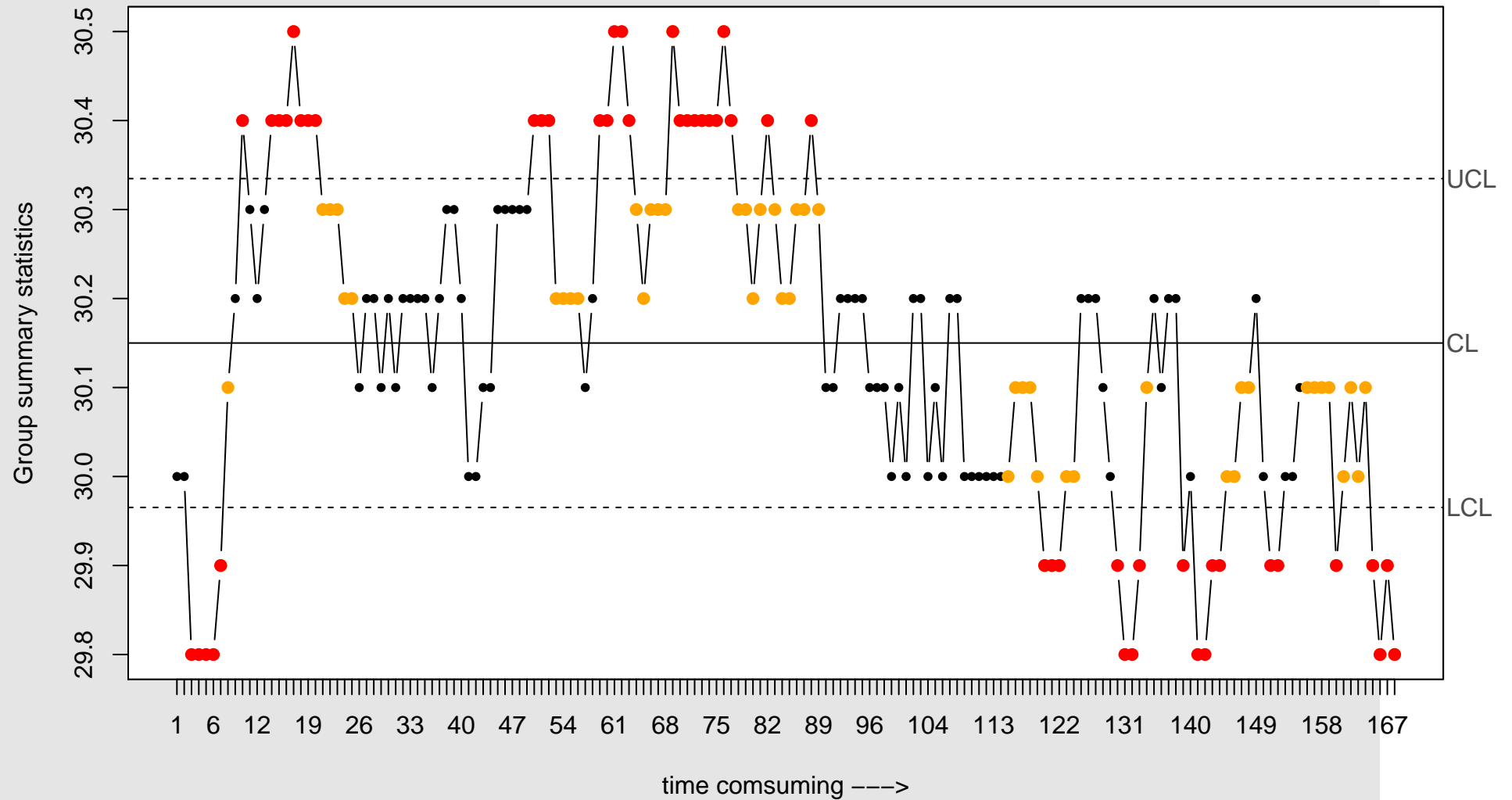
LCL = 29.95175

UCL = 30.33396

Number beyond limits = 46

Number violating runs = 75

109th column point of this product



Number of groups = 168

Center = 30.15

StdDev = 0.06157897

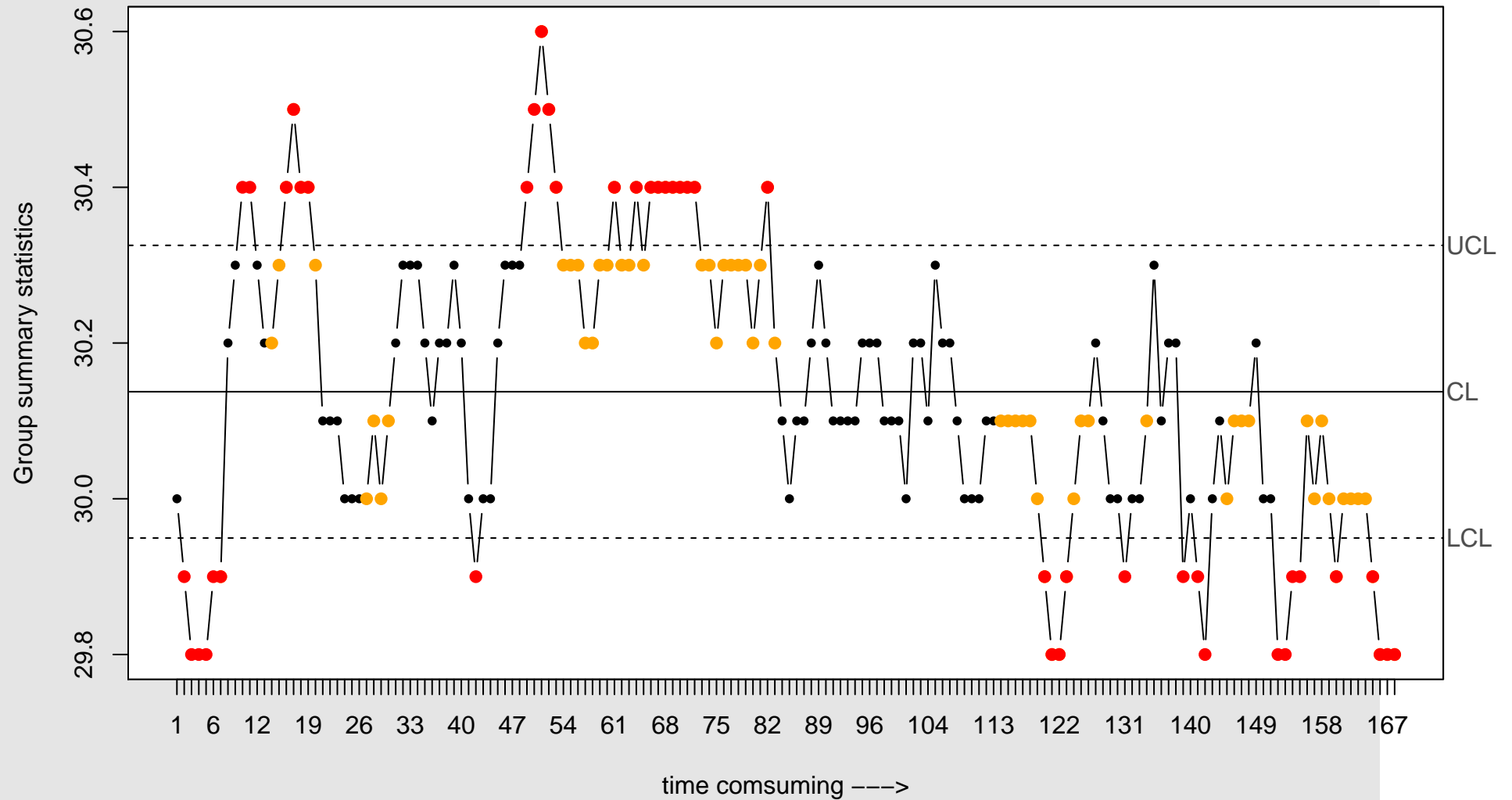
LCL = 29.96526

UCL = 30.33474

Number beyond limits = 51

Number violating runs = 73

110th column point of this product

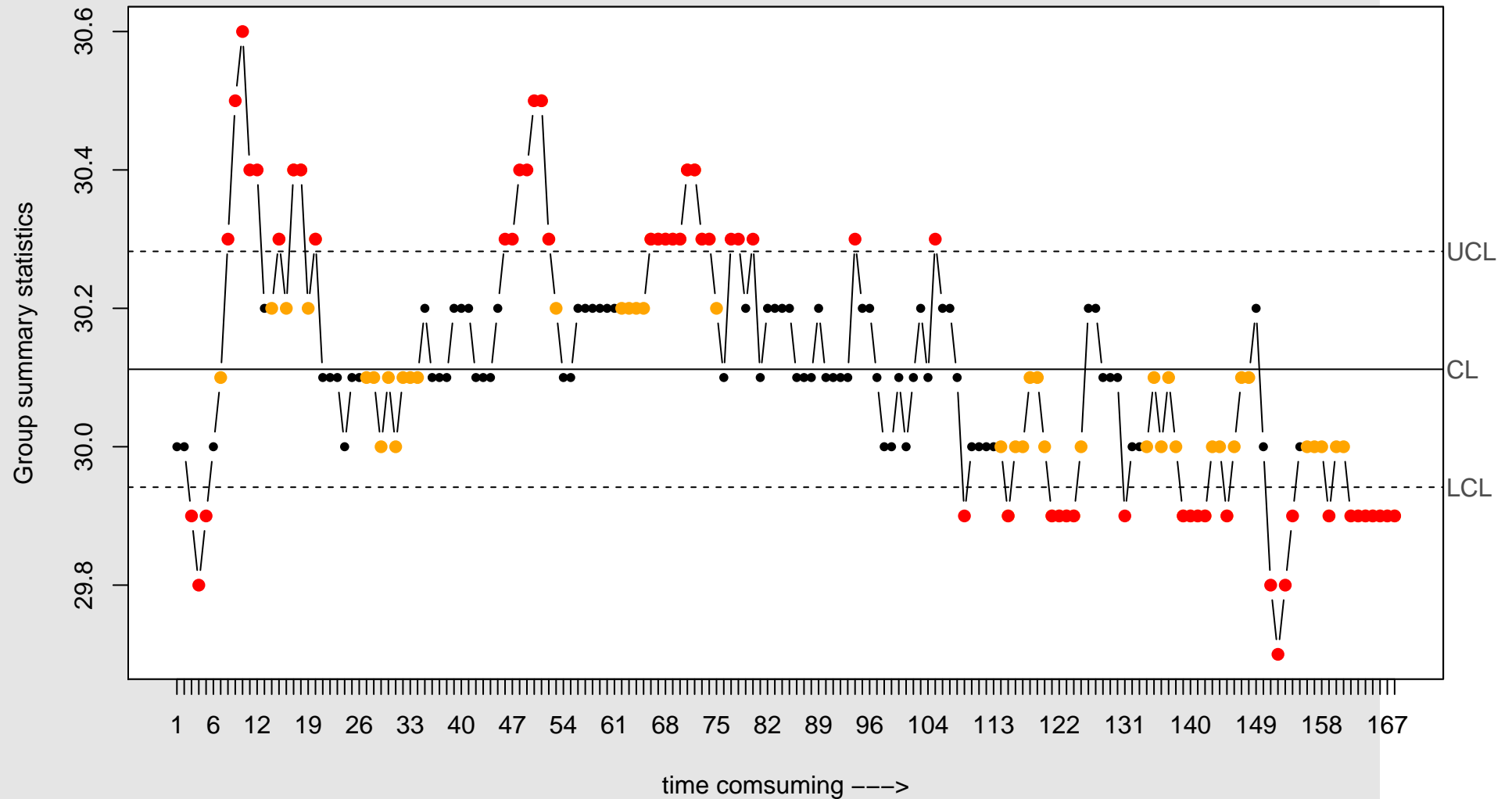


Number of groups = 168
Center = 30.1375
StdDev = 0.06264068

LCL = 29.94958
UCL = 30.32542

Number beyond limits = 45
Number violating runs = 76

111th column point of this product



Number of groups = 168

Center = 30.1119

StdDev = 0.05680129

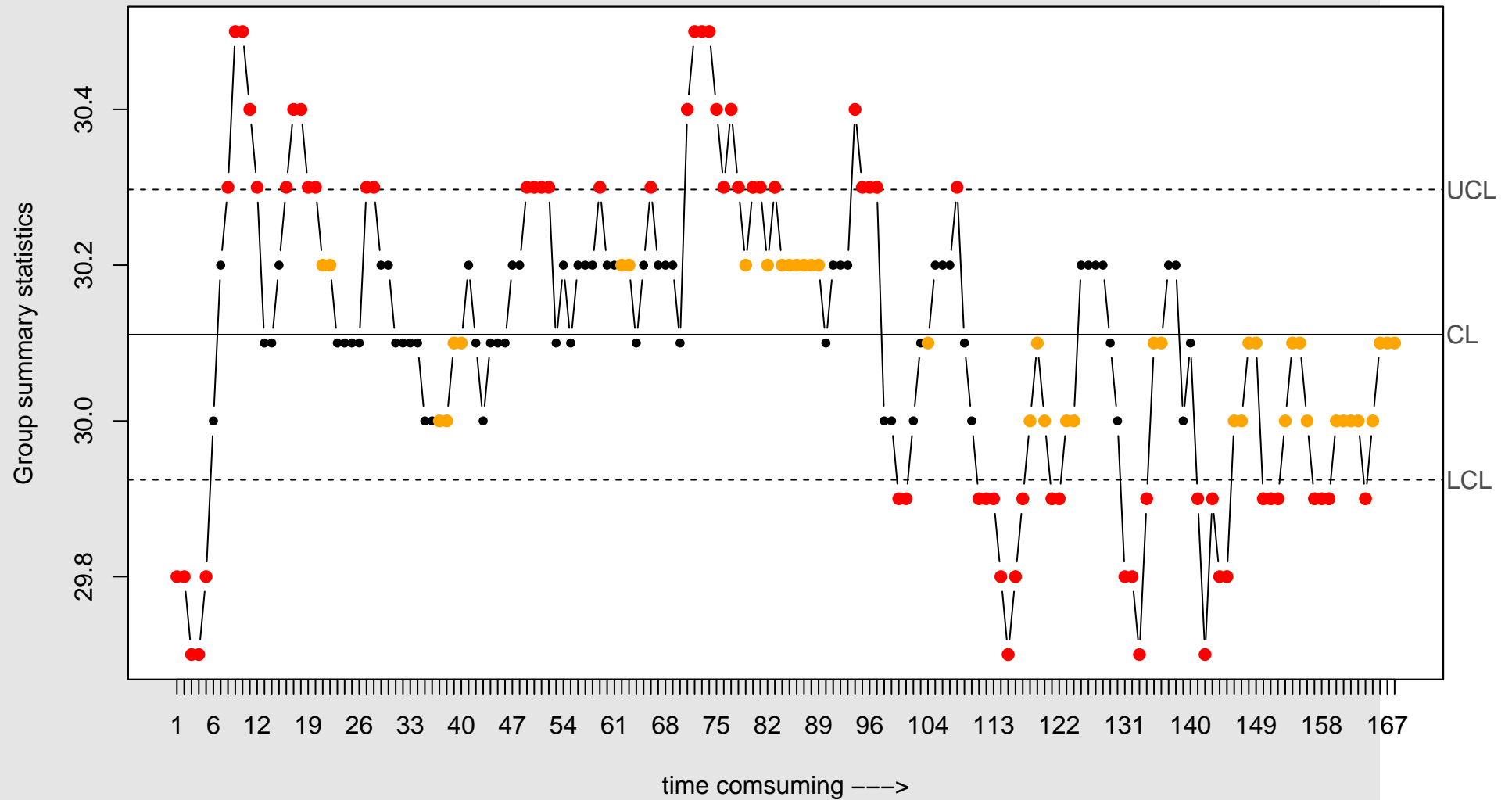
LCL = 29.9415

UCL = 30.28231

Number beyond limits = 57

Number violating runs = 73

112th column point of this product



Number of groups = 168

Center = 30.11071

StdDev = 0.06210982

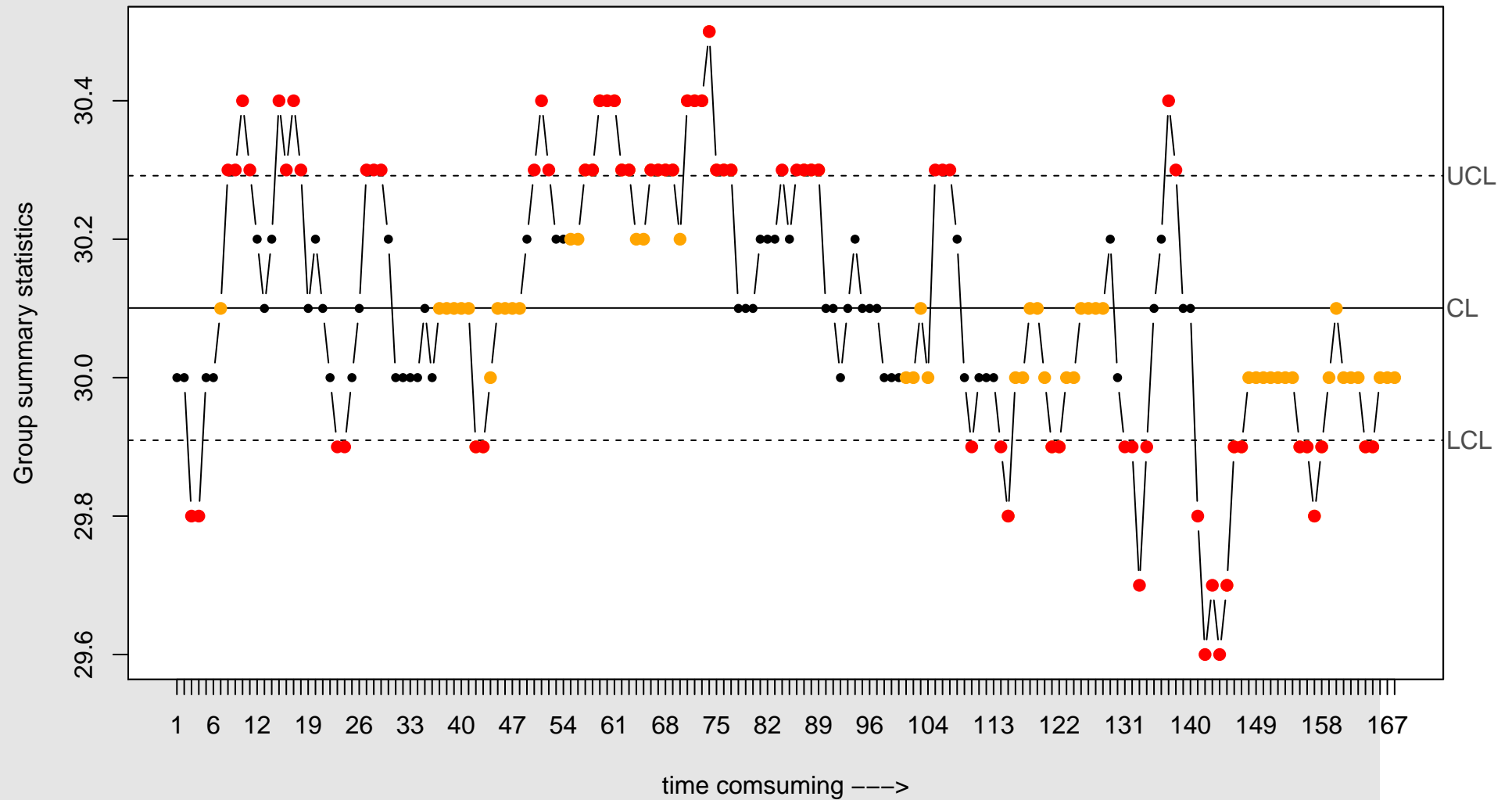
LCL = 29.92438

UCL = 30.29704

Number beyond limits = 66

Number violating runs = 59

113th column point of this product

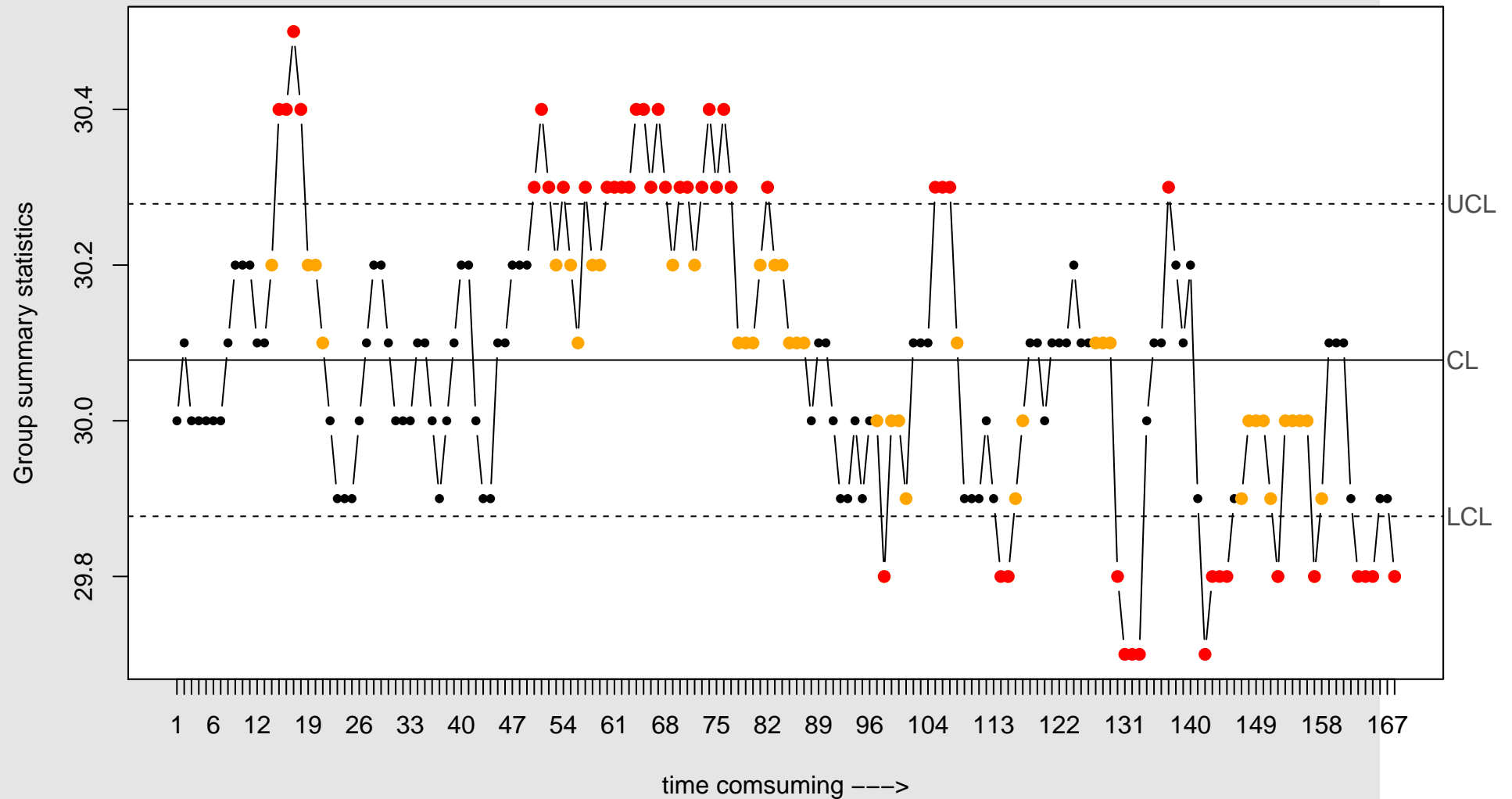


Number of groups = 168
Center = 30.1006
StdDev = 0.06370238

LCL = 29.90949
UCL = 30.2917

Number beyond limits = 70
Number violating runs = 81

114th column point of this product

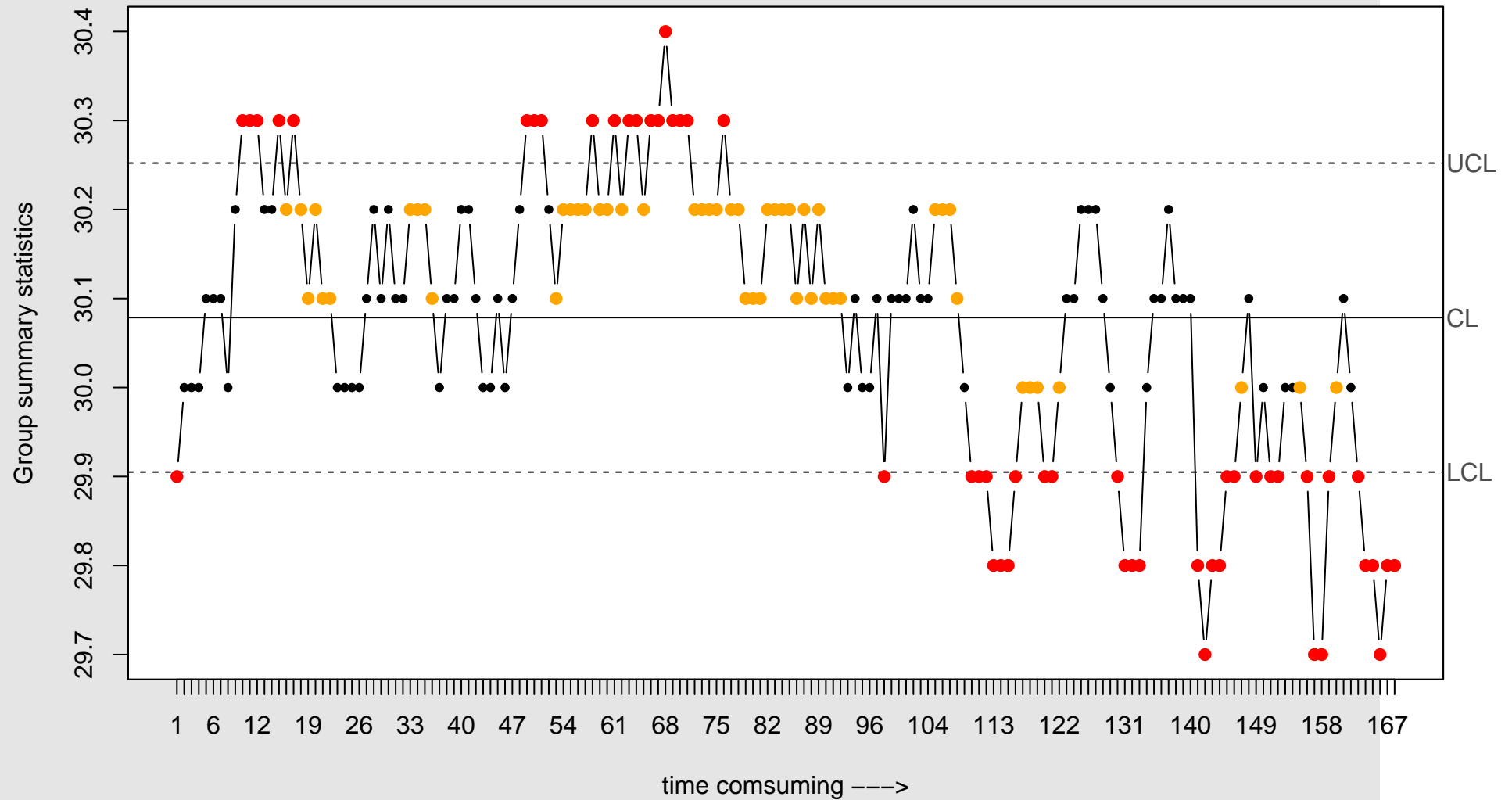


Number of groups = 168
Center = 30.07798
StdDev = 0.0668875

LCL = 29.87731
UCL = 30.27864

Number beyond limits = 47
Number violating runs = 70

115th column point of this product

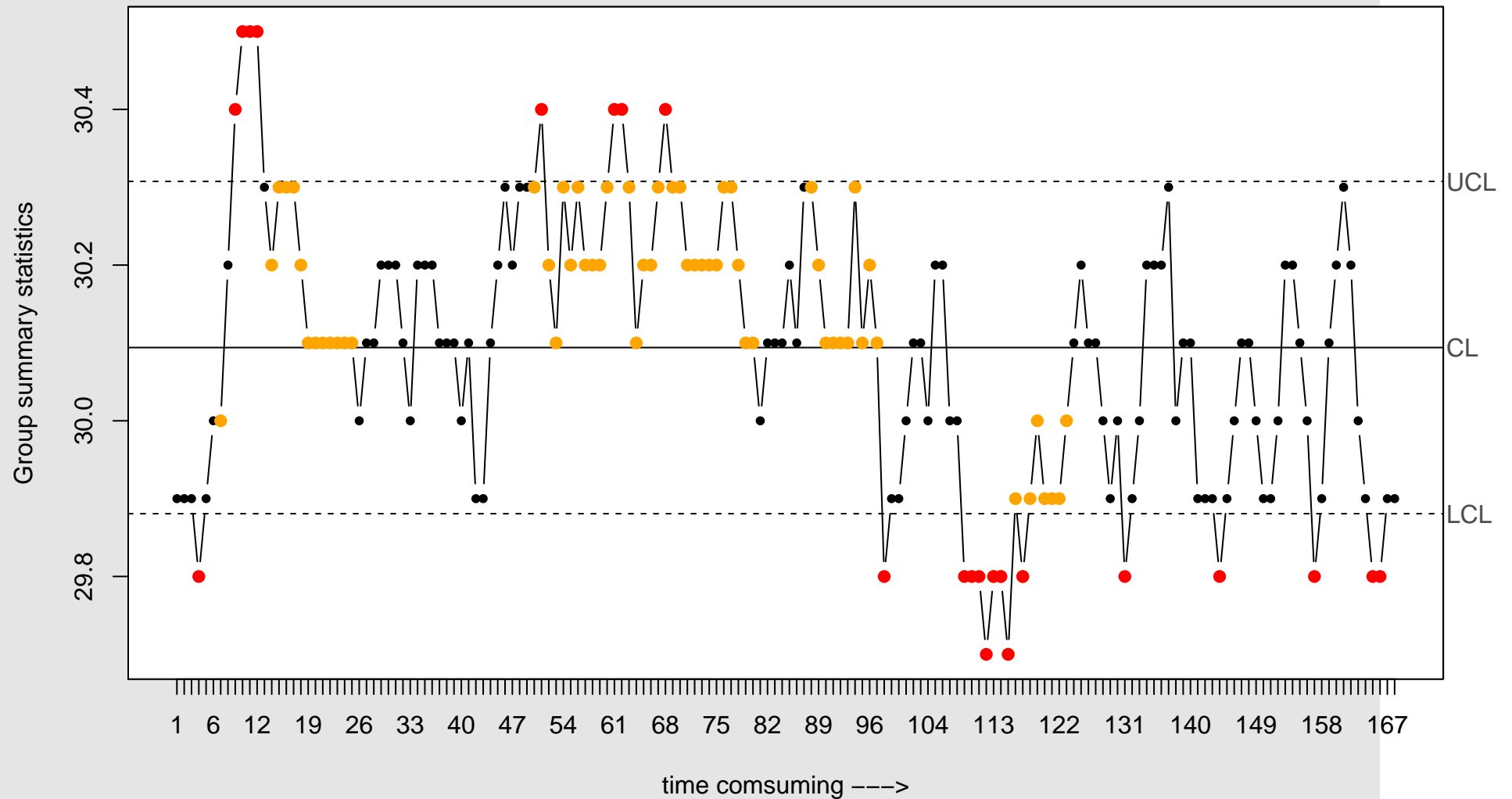


Number of groups = 168
Center = 30.07857
StdDev = 0.057863

LCL = 29.90498
UCL = 30.25216

Number beyond limits = 53
Number violating runs = 72

116th column point of this product



Number of groups = 168

Center = 30.09405

StdDev = 0.07113433

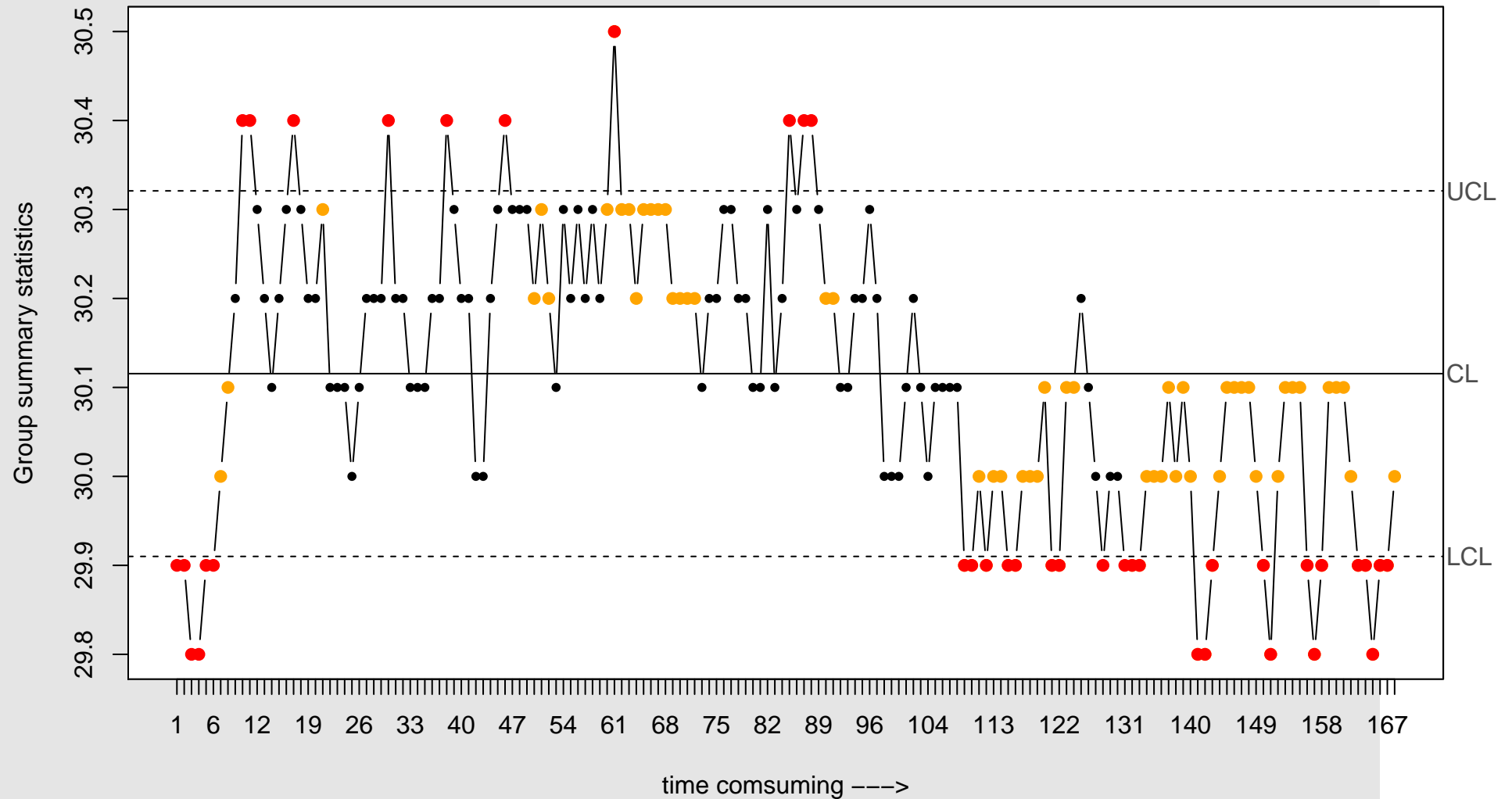
LCL = 29.88064

UCL = 30.30745

Number beyond limits = 23

Number violating runs = 65

117th column point of this product

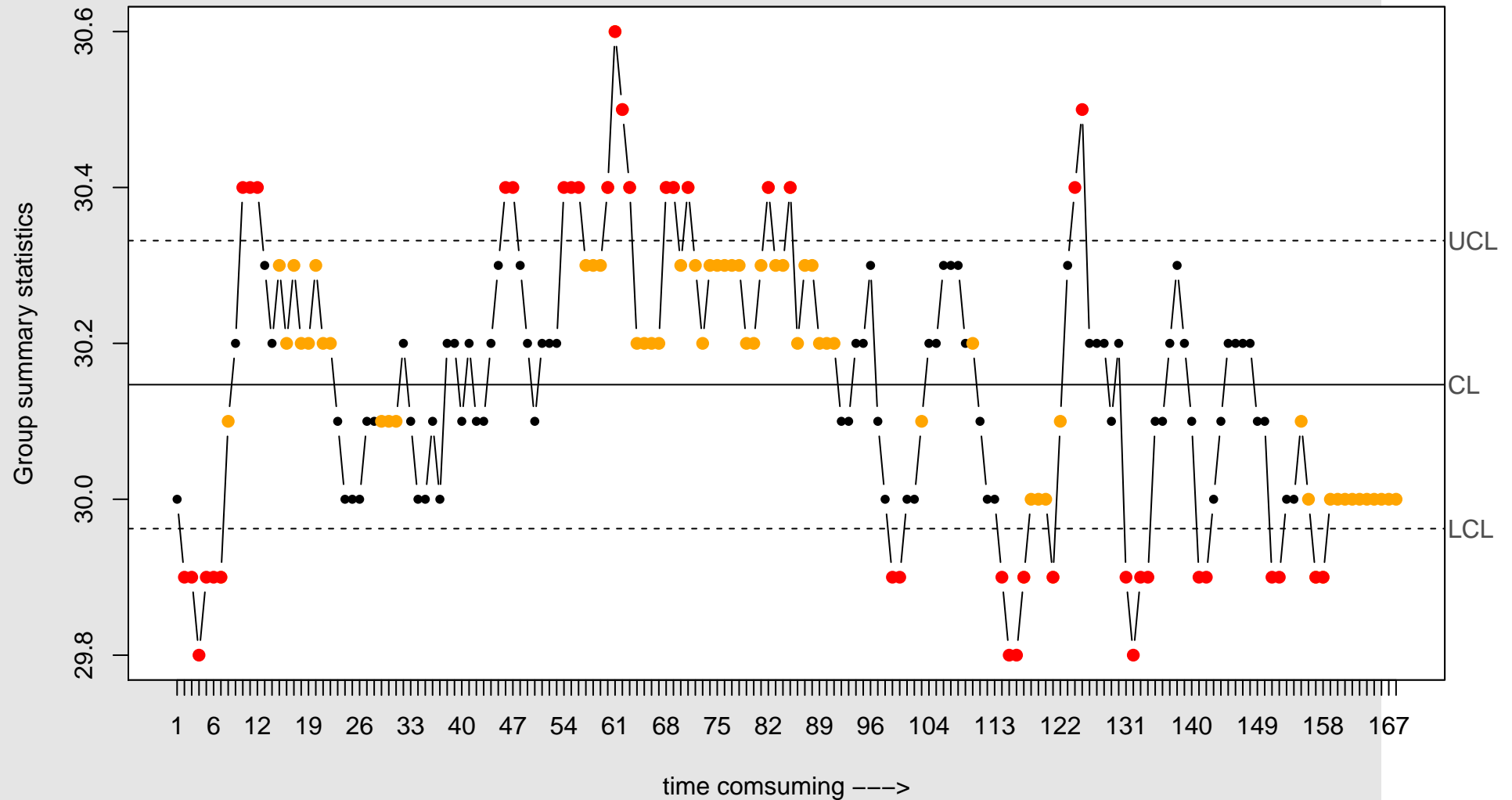


Number of groups = 168
Center = 30.11548
StdDev = 0.06848006

LCL = 29.91004
UCL = 30.32092

Number beyond limits = 40
Number violating runs = 74

118th column point of this product

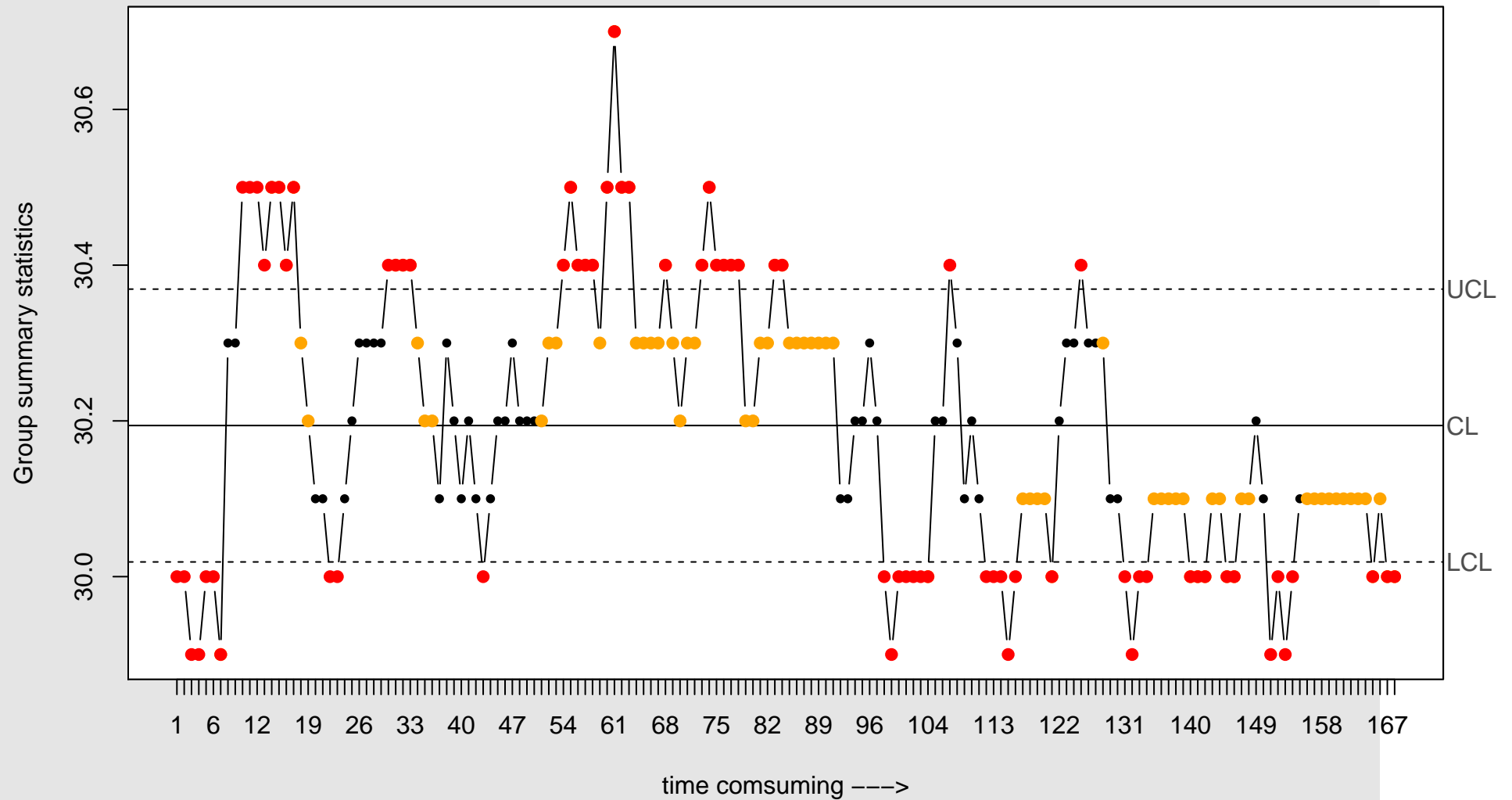


Number of groups = 168
Center = 30.14702
StdDev = 0.06157897

LCL = 29.96229
UCL = 30.33176

Number beyond limits = 42
Number violating runs = 70

119th column point of this product

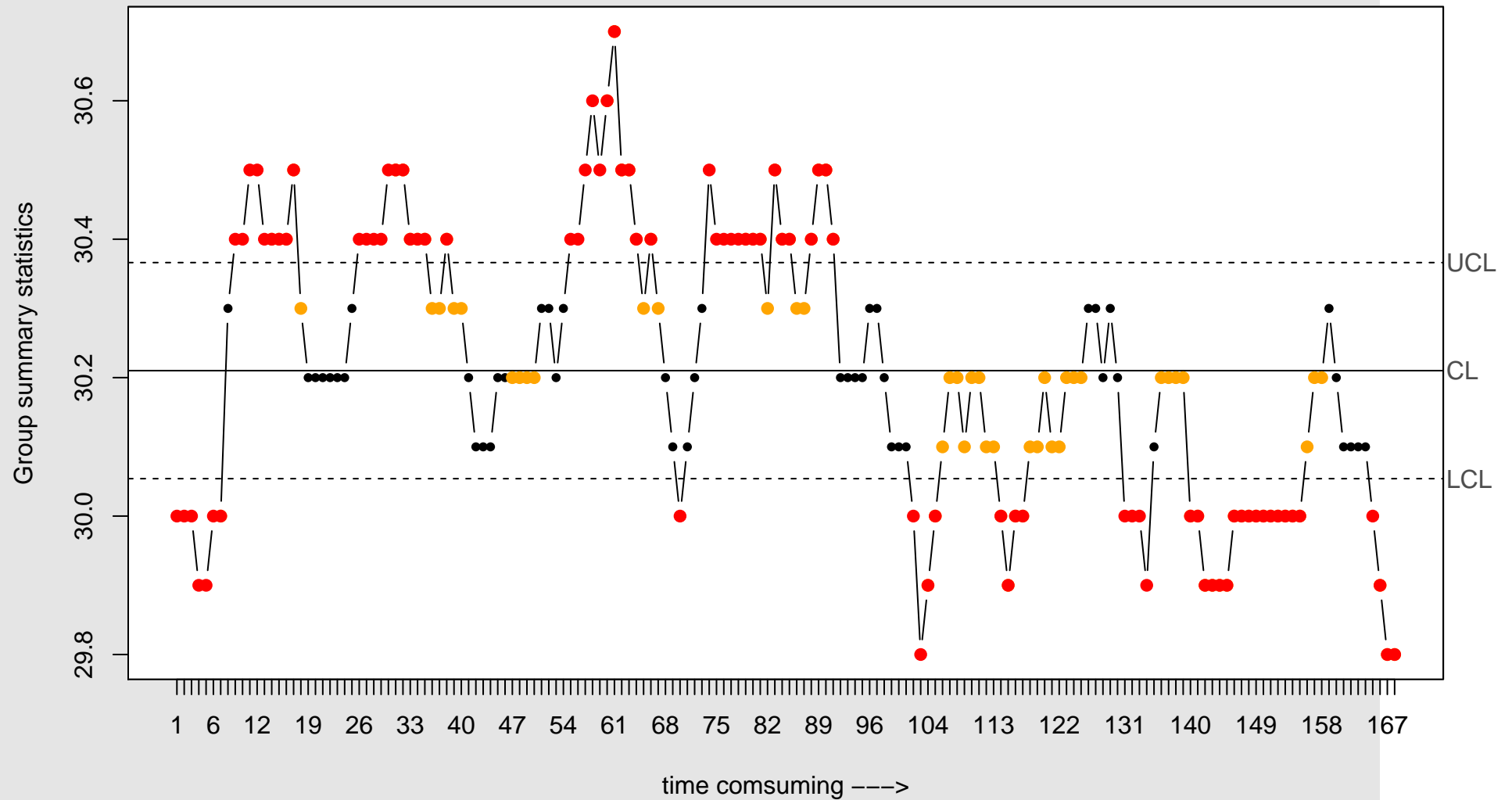


Number of groups = 168
Center = 30.19405
StdDev = 0.05839385

LCL = 30.01887
UCL = 30.36923

Number beyond limits = 71
Number violating runs = 88

120th column point of this product

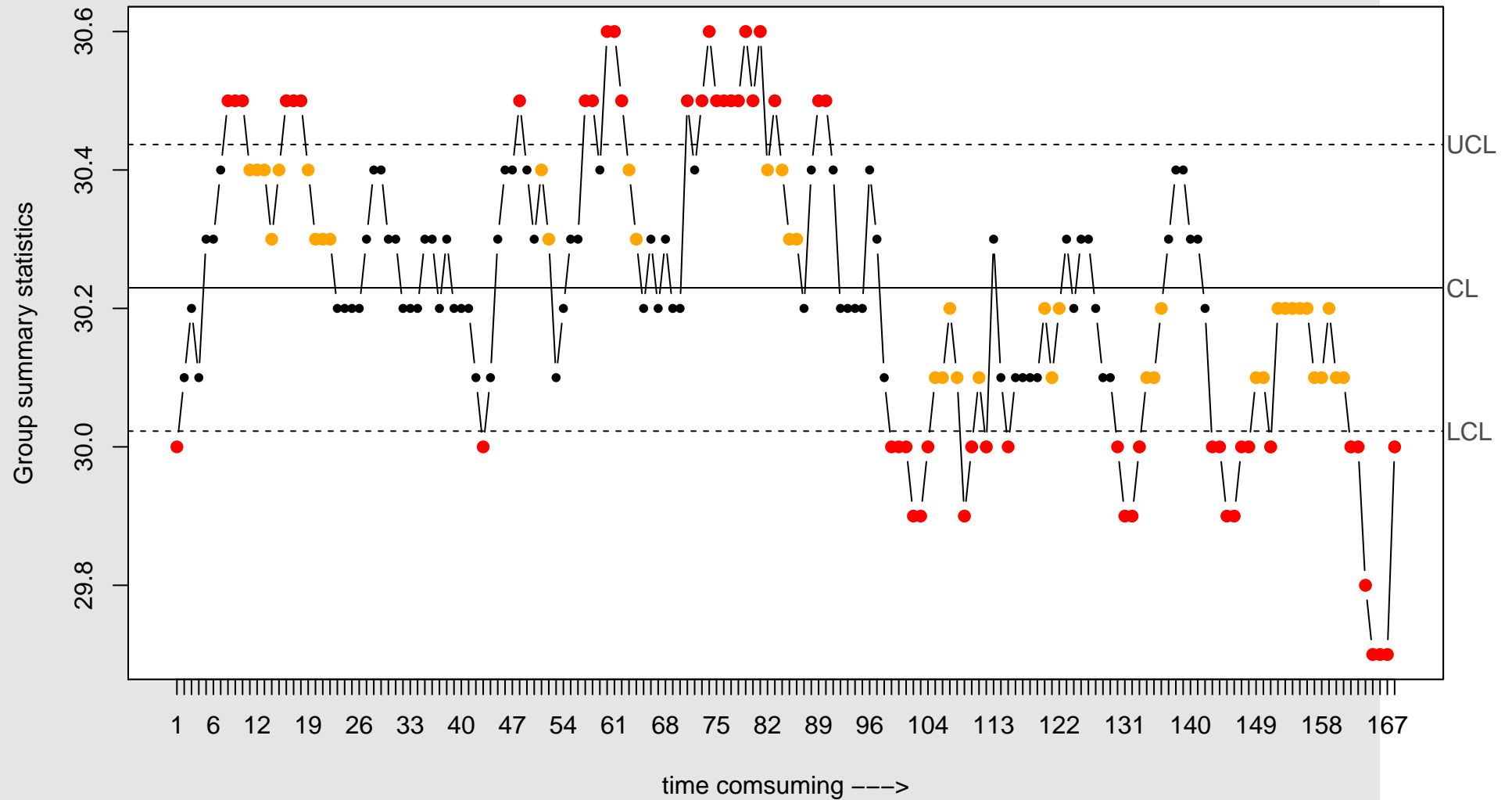


Number of groups = 168
 Center = 30.21012
 StdDev = 0.05202361

LCL = 30.05405
 UCL = 30.36619

Number beyond limits = 86
 Number violating runs = 89

121th column point of this product

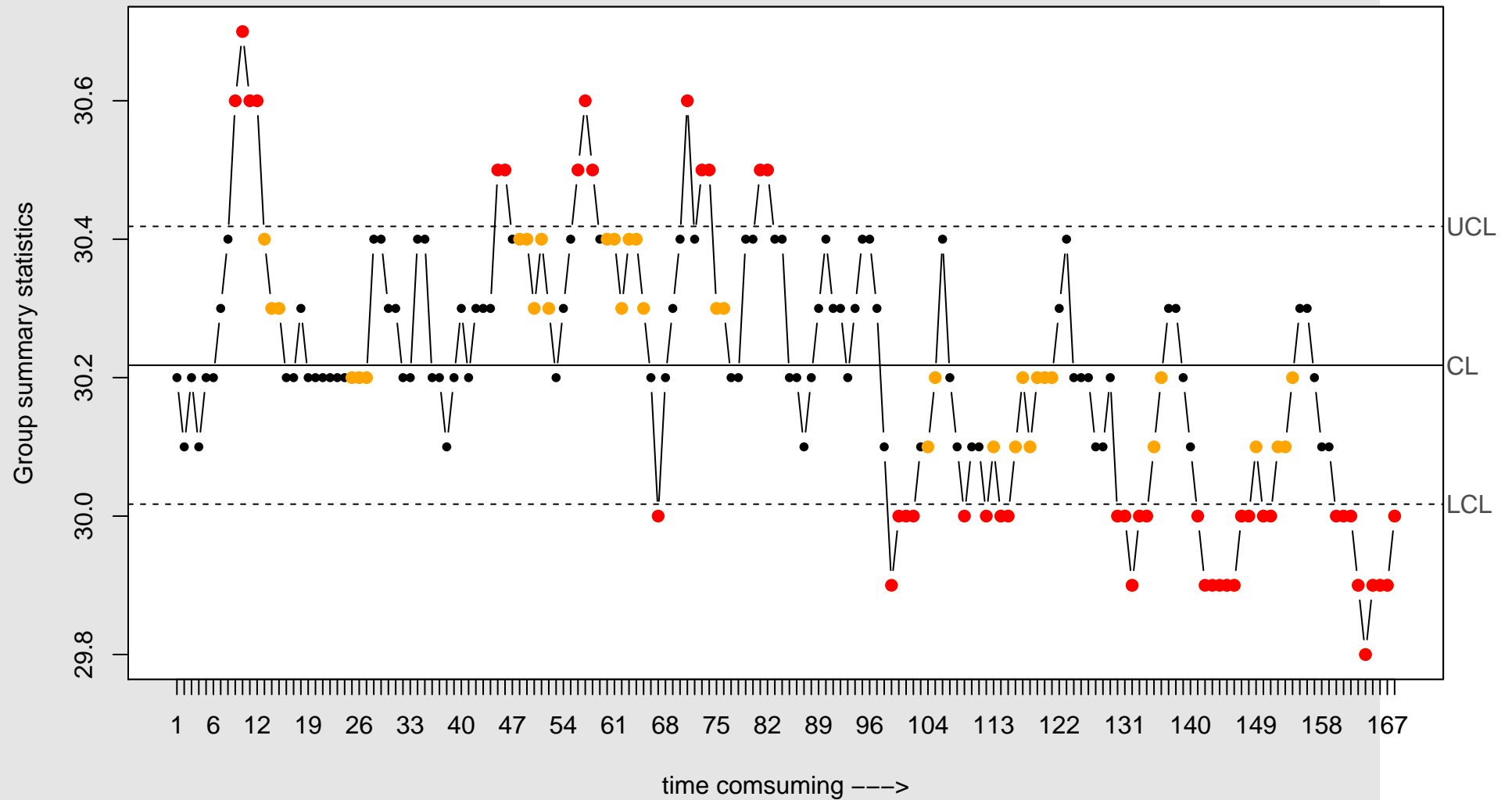


Number of groups = 168
Center = 30.22976
StdDev = 0.06901091

LCL = 30.02273
UCL = 30.43679

Number beyond limits = 55
Number violating runs = 65

122th column point of this product



Number of groups = 168

Center = 30.21786

StdDev = 0.0668875

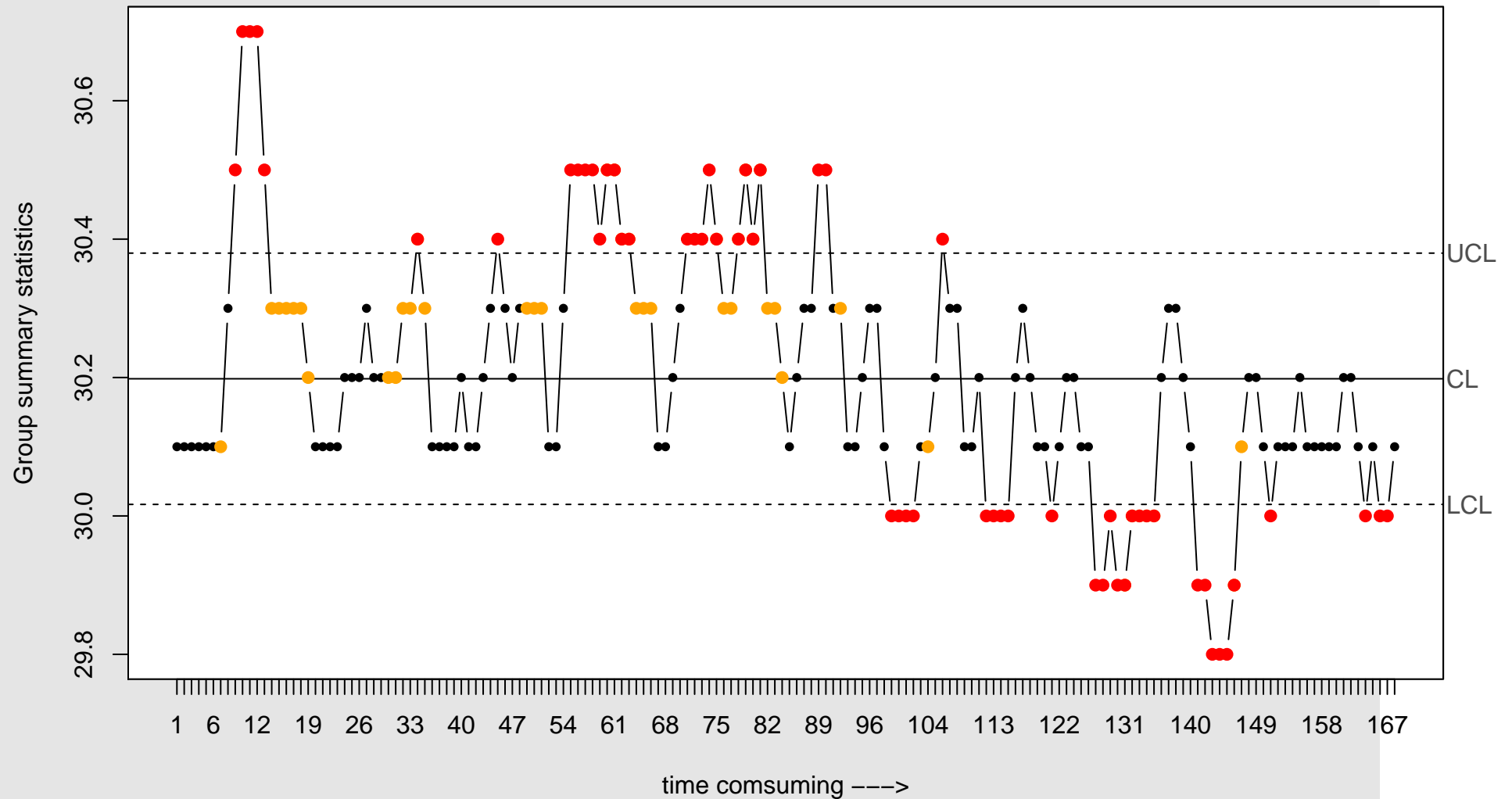
LCL = 30.01719

UCL = 30.41852

Number beyond limits = 47

Number violating runs = 53

123th column point of this product

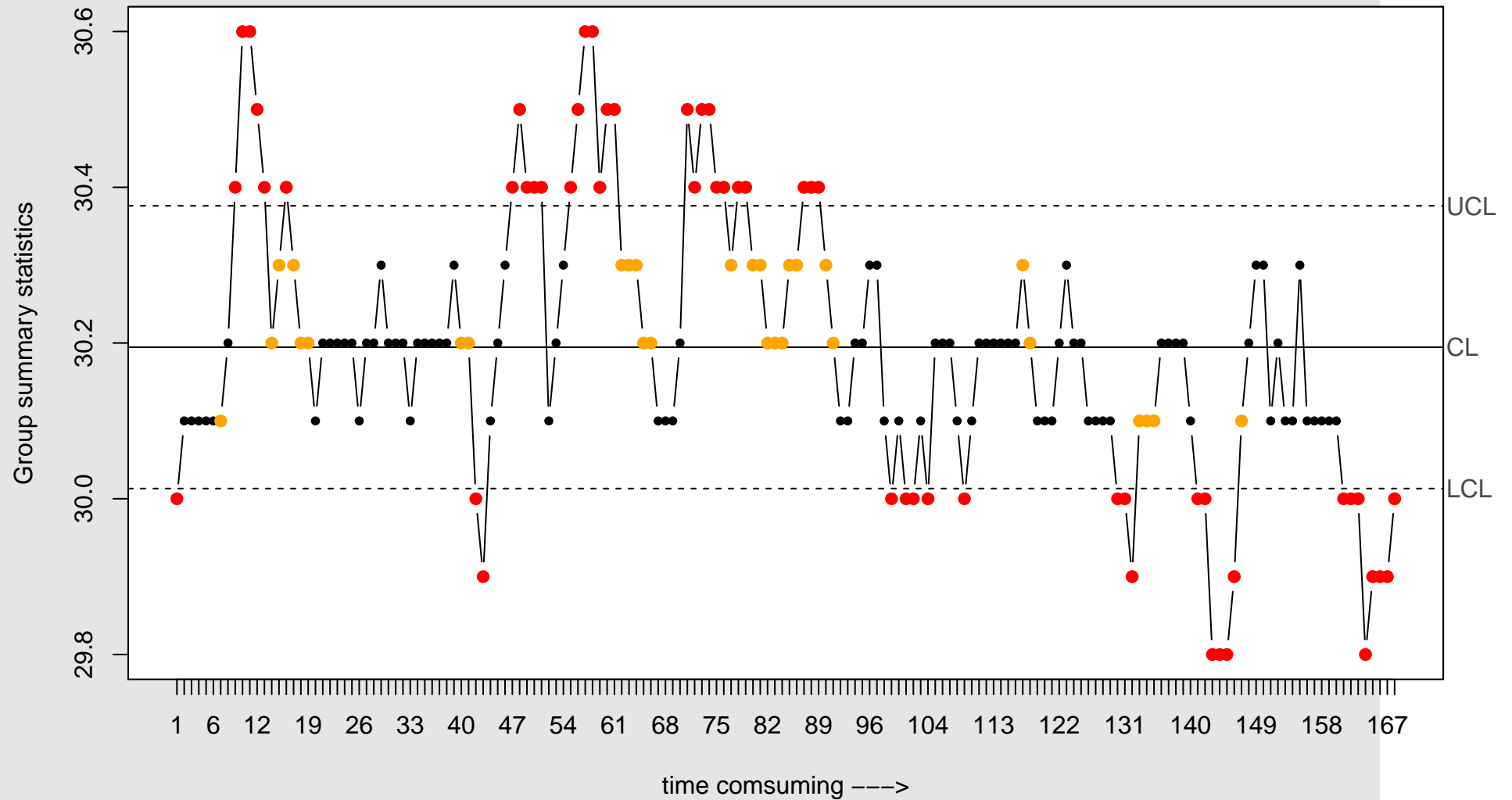


Number of groups = 168
Center = 30.19821
StdDev = 0.06051726

LCL = 30.01666
UCL = 30.37977

Number beyond limits = 56
Number violating runs = 42

124th column point of this product



Number of groups = 168

Center = 30.19464

StdDev = 0.06051726

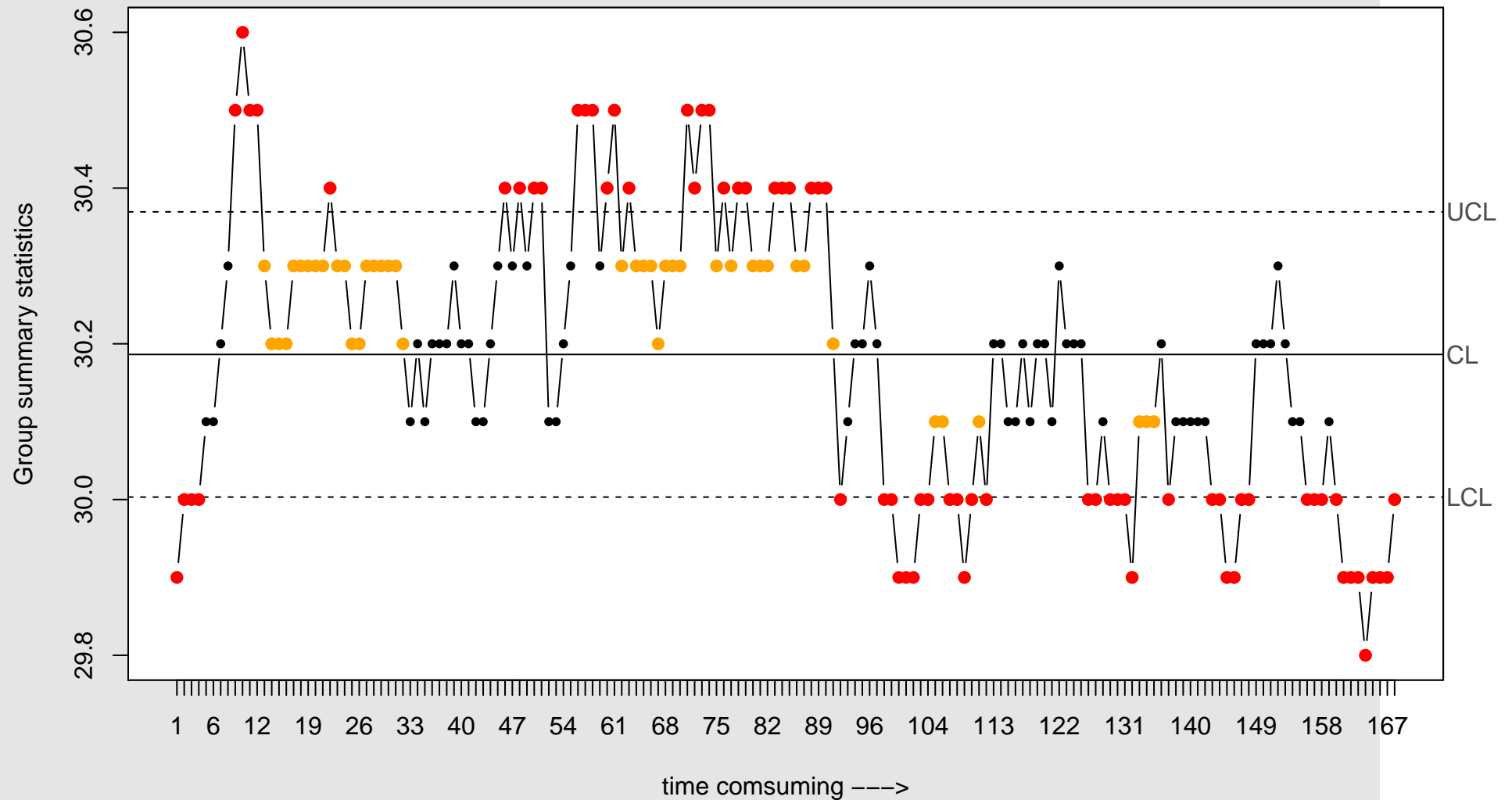
LCL = 30.01309

UCL = 30.37619

Number beyond limits = 54

Number violating runs = 50

125th column point of this product

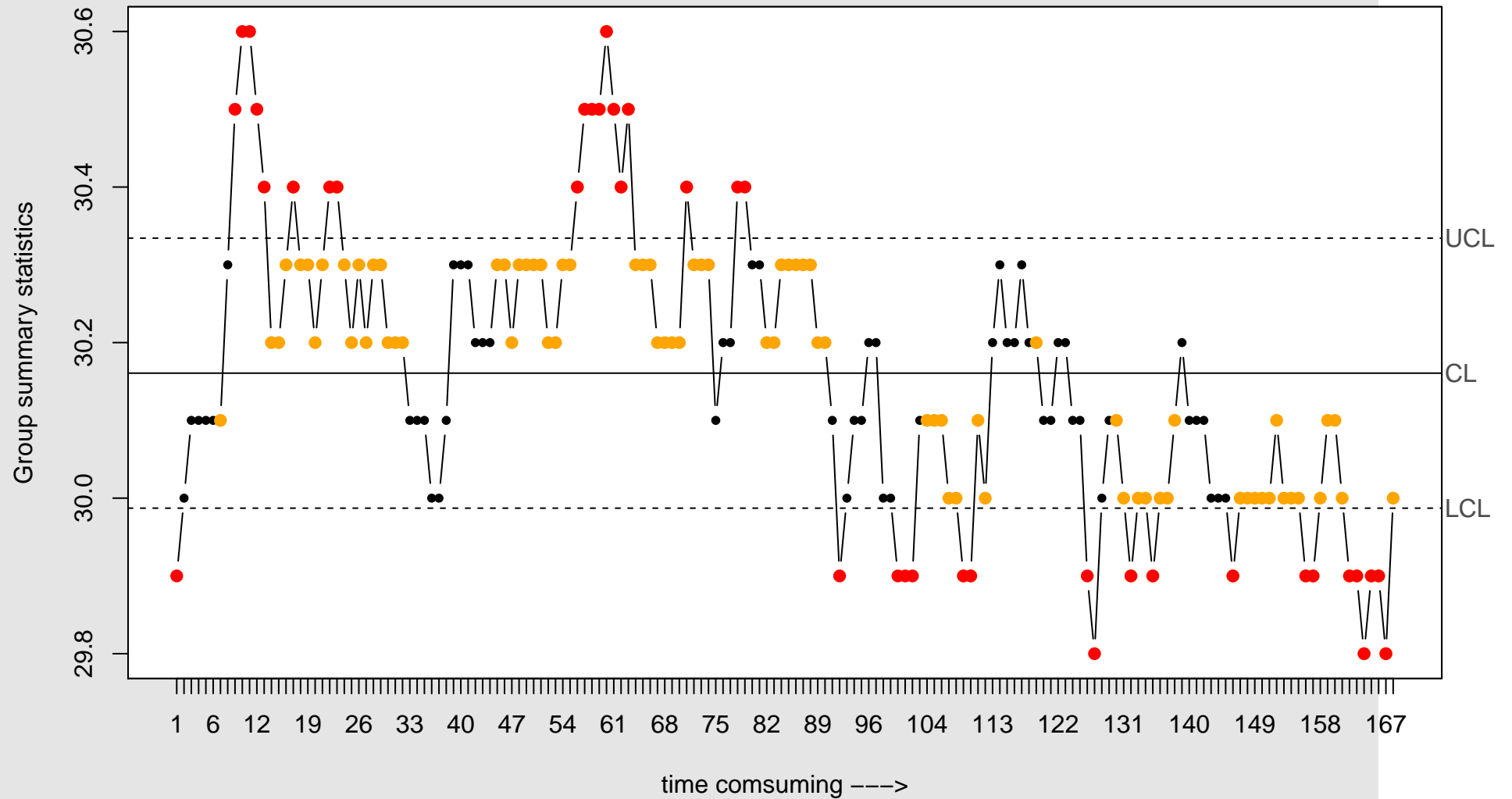


Number of groups = 168
Center = 30.18631
StdDev = 0.06104812

LCL = 30.00317
UCL = 30.36945

Number beyond limits = 70
Number violating runs = 82

126th column point of this product



Number of groups = 168

Center = 30.16071

StdDev = 0.057863

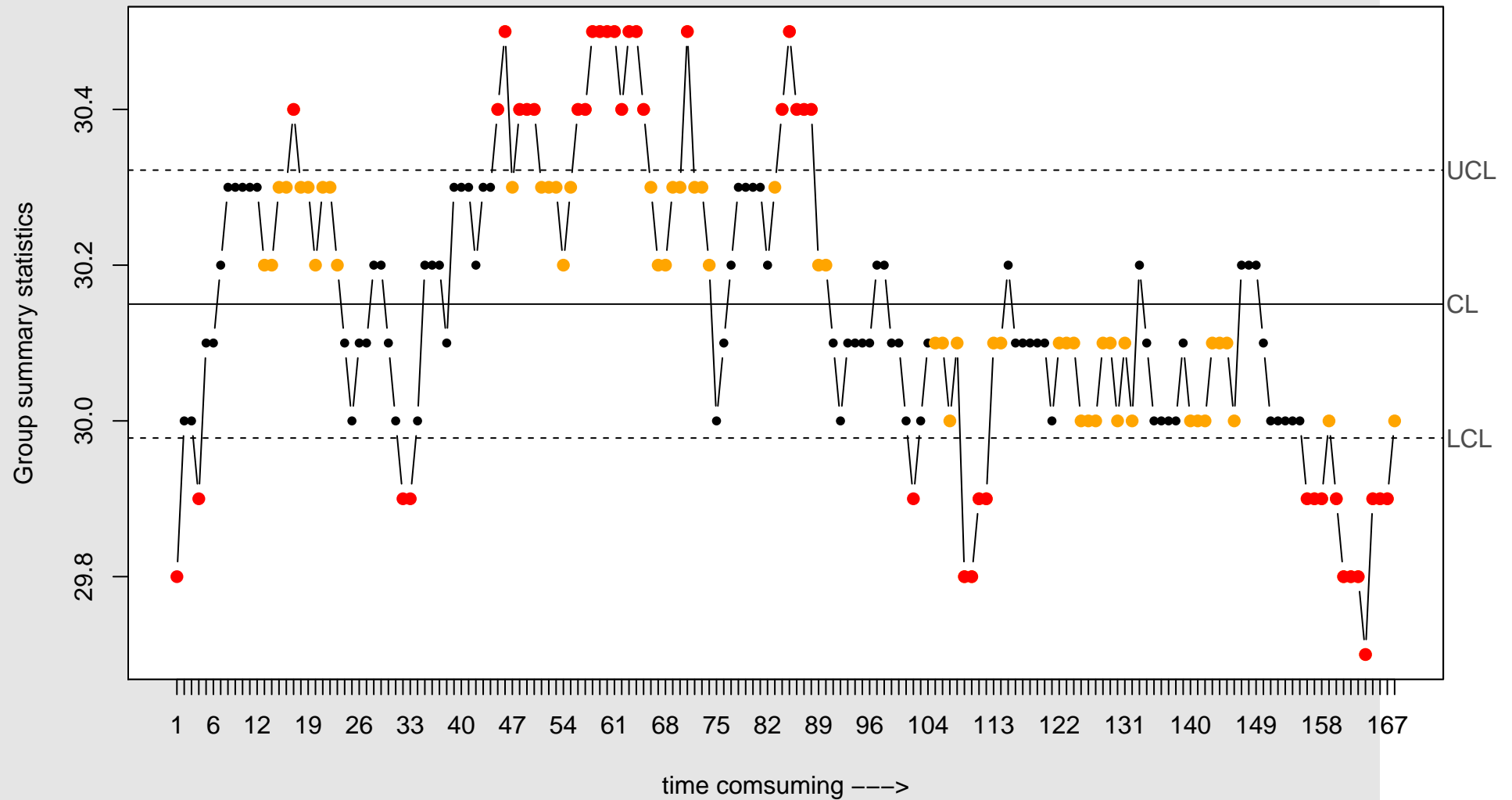
LCL = 29.98713

UCL = 30.3343

Number beyond limits = 39

Number violating runs = 101

127th column point of this product



Number of groups = 168

Center = 30.15

StdDev = 0.05733214

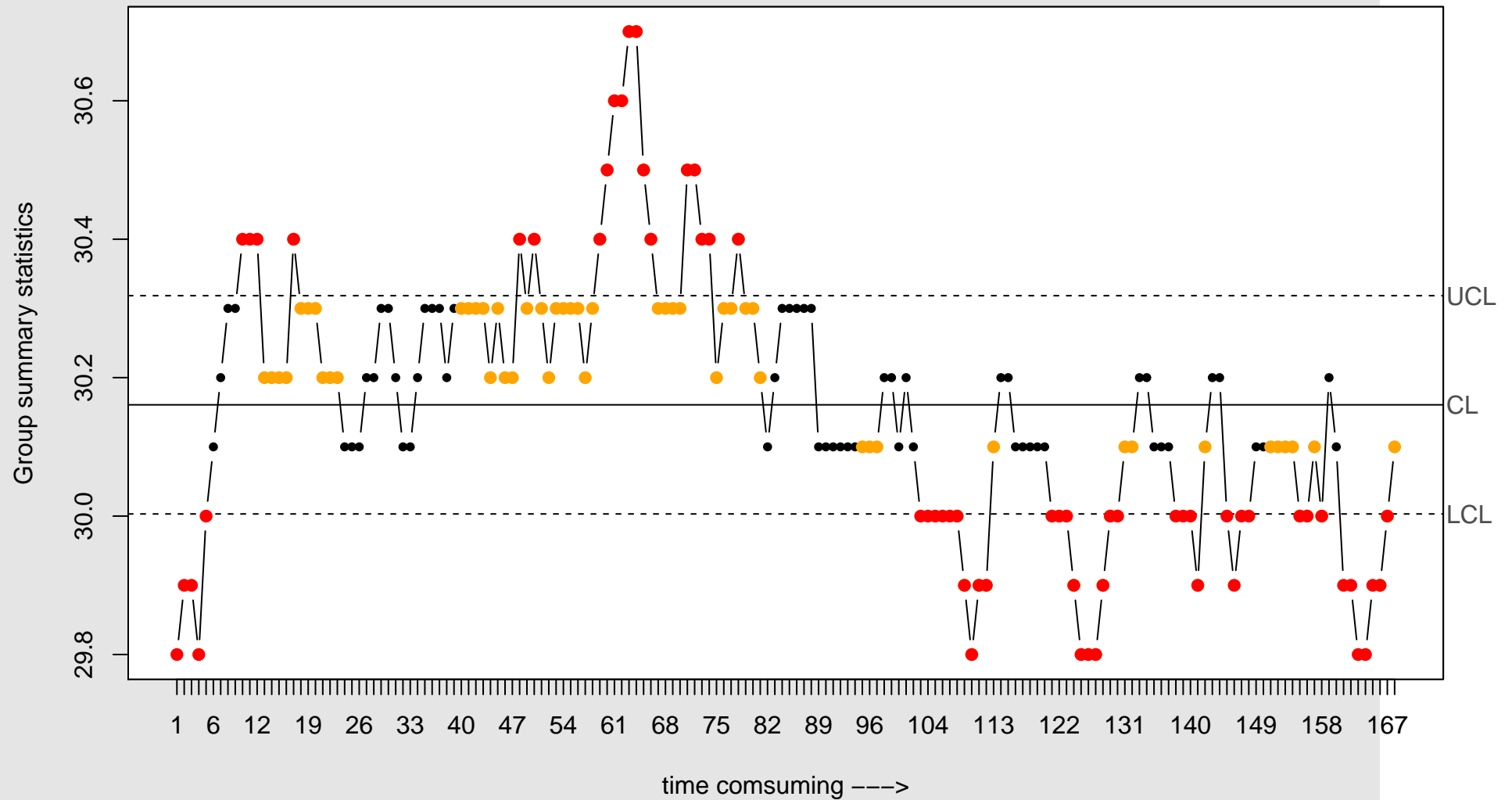
LCL = 29.978

UCL = 30.322

Number beyond limits = 42

Number violating runs = 90

128th column point of this product

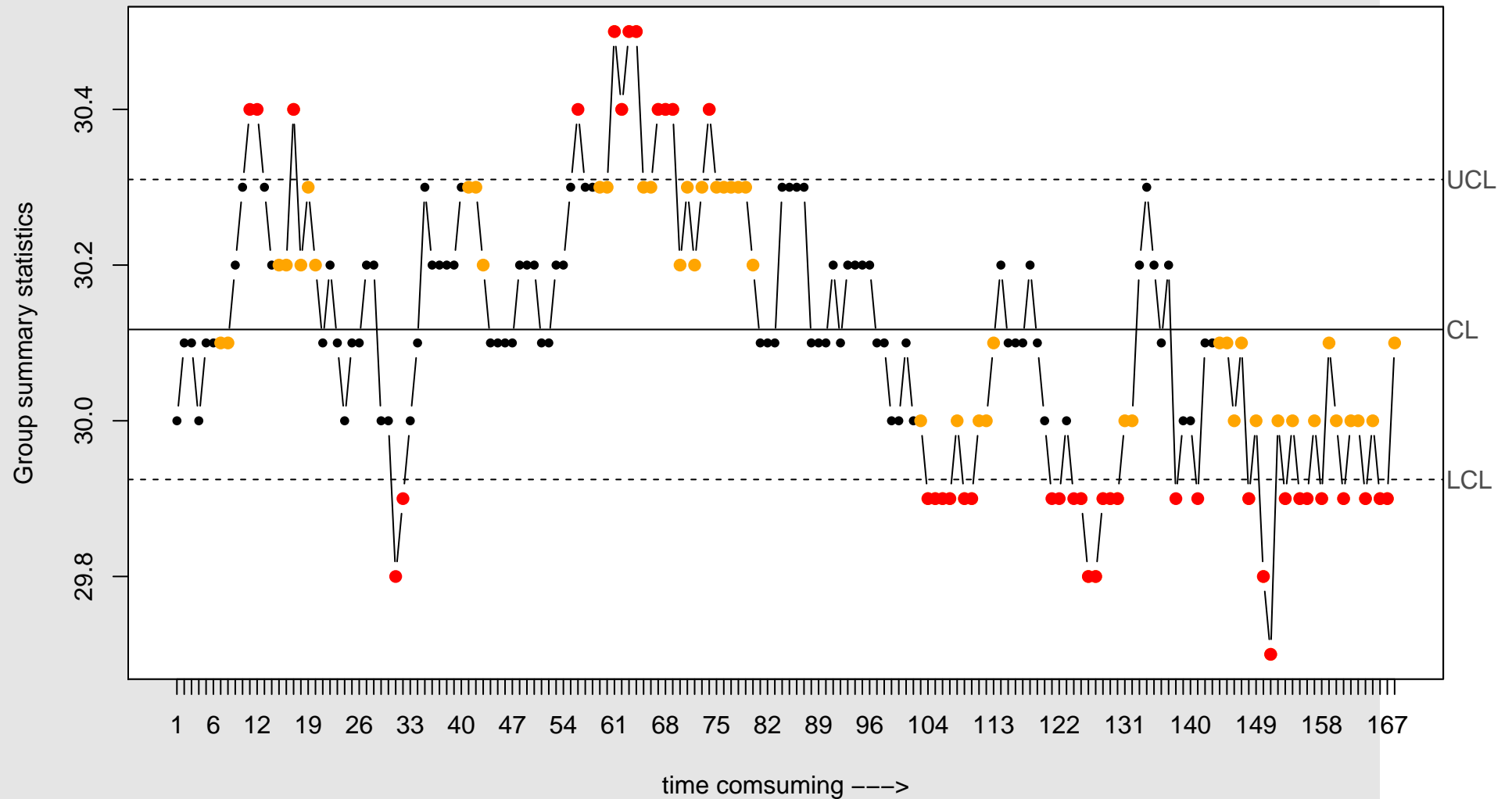


Number of groups = 168
 Center = 30.16071
 StdDev = 0.05255447

LCL = 30.00305
 UCL = 30.31838

Number beyond limits = 62
 Number violating runs = 86

129th column point of this product

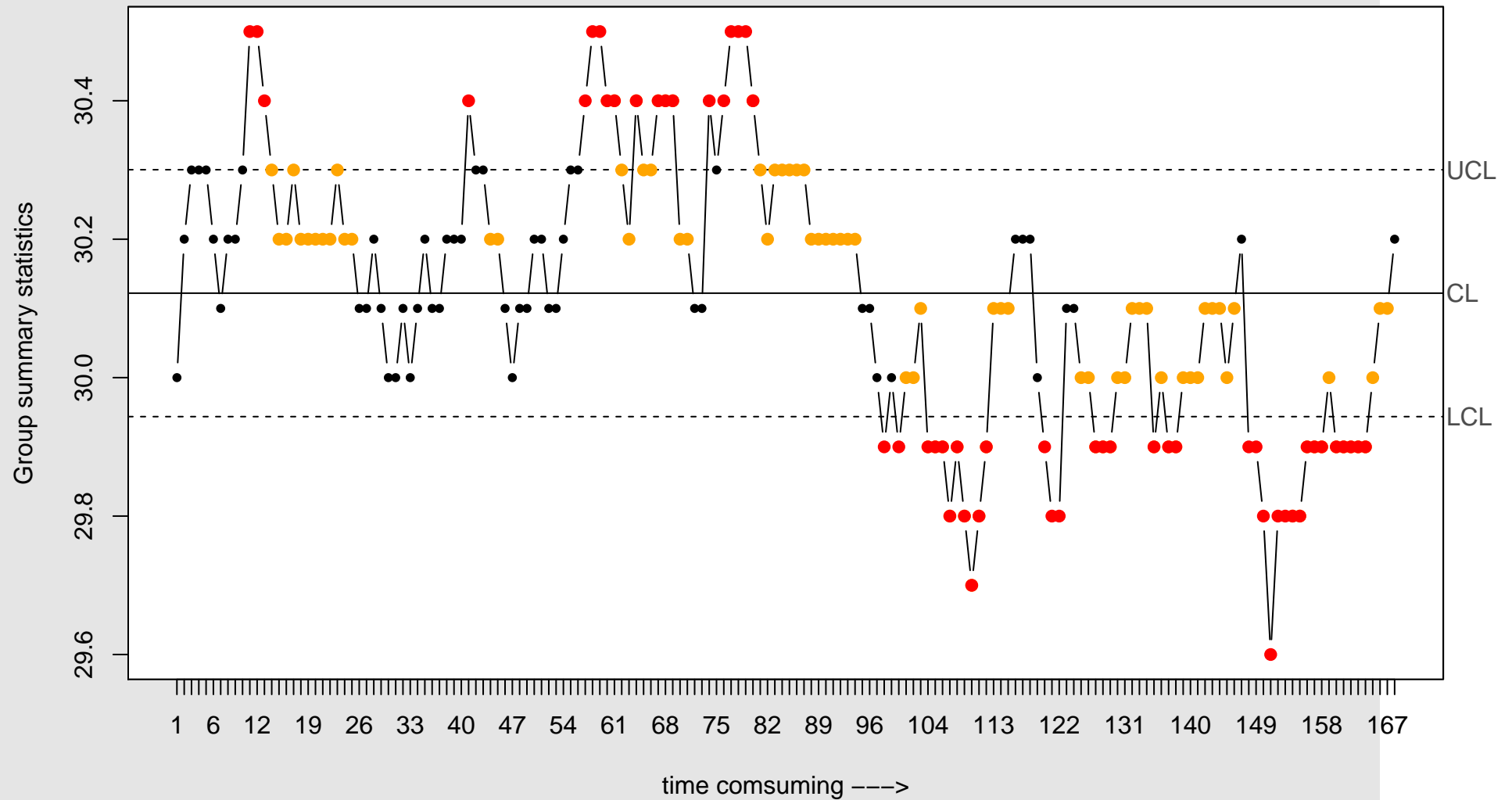


Number of groups = 168
 Center = 30.11726
 StdDev = 0.06423324

LCL = 29.92456
 UCL = 30.30996

Number beyond limits = 42
 Number violating runs = 77

130th column point of this product



Number of groups = 168

Center = 30.12202

StdDev = 0.05945556

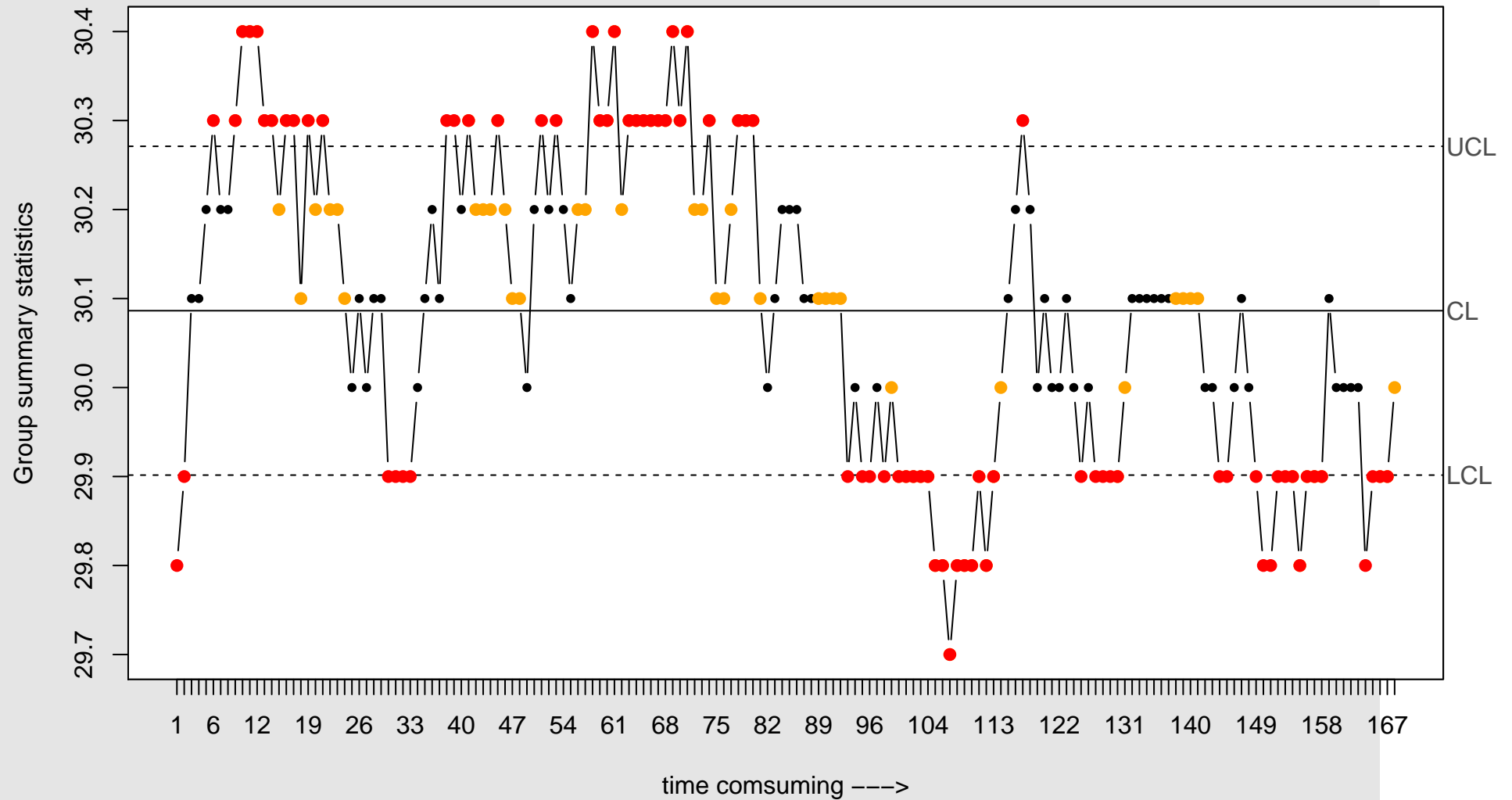
LCL = 29.94366

UCL = 30.30039

Number beyond limits = 55

Number violating runs = 92

131th column point of this product



Number of groups = 168

Center = 30.08631

StdDev = 0.06157897

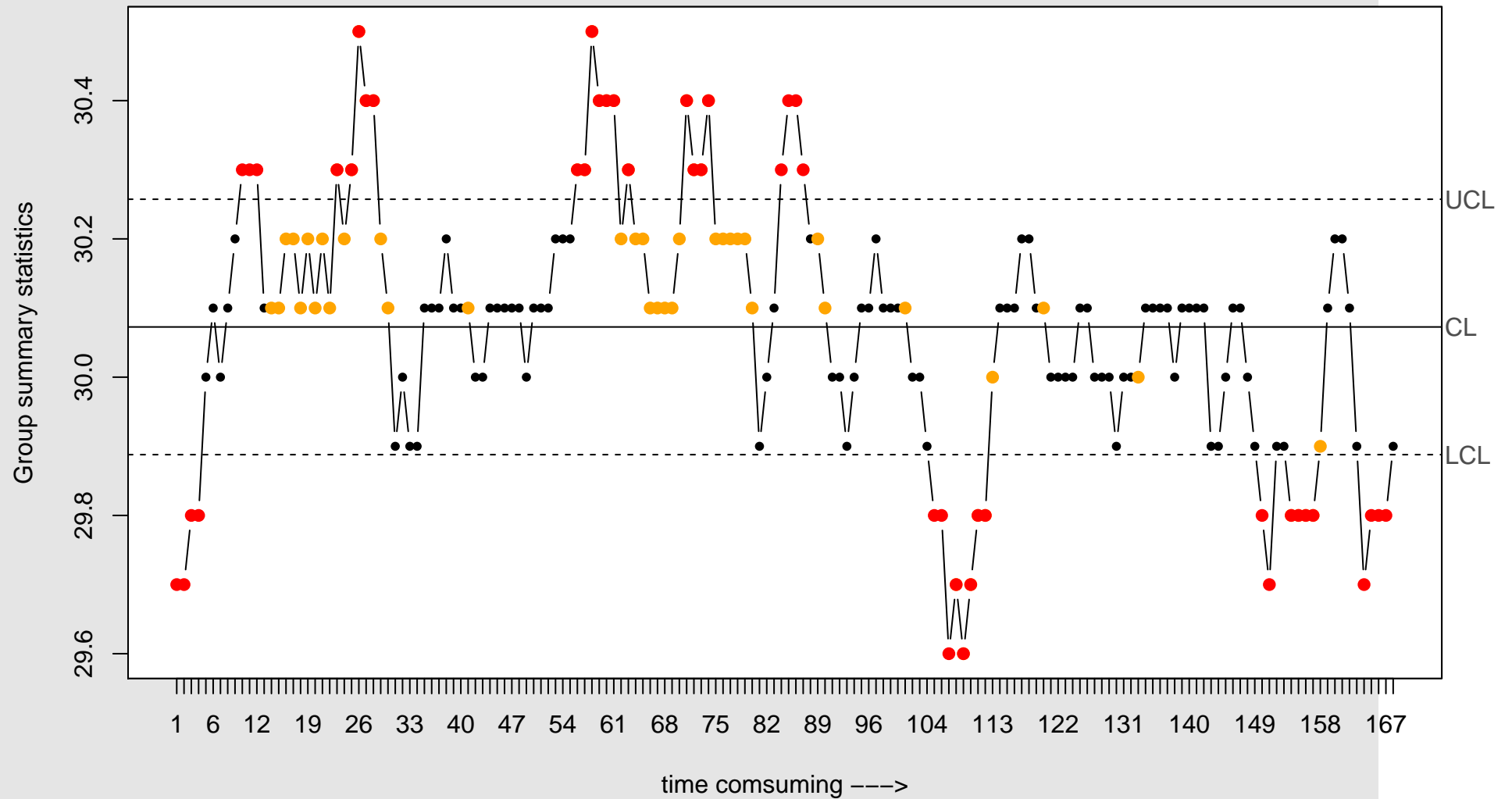
LCL = 29.90157

UCL = 30.27105

Number beyond limits = 80

Number violating runs = 84

132th column point of this product



Number of groups = 168

Center = 30.07262

StdDev = 0.06157897

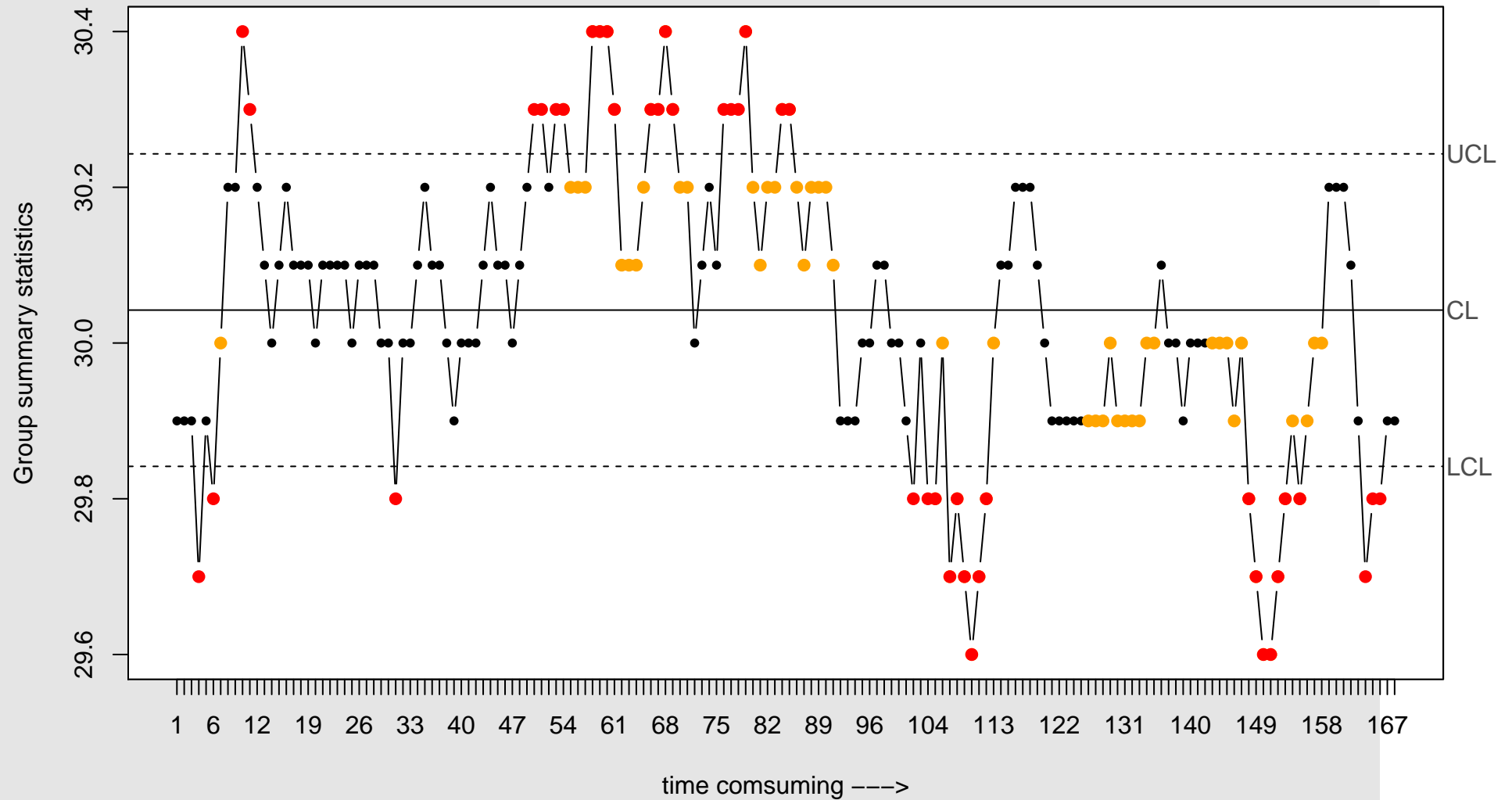
LCL = 29.88788

UCL = 30.25736

Number beyond limits = 45

Number violating runs = 59

133th column point of this product



Number of groups = 168

Center = 30.04226

StdDev = 0.0668875

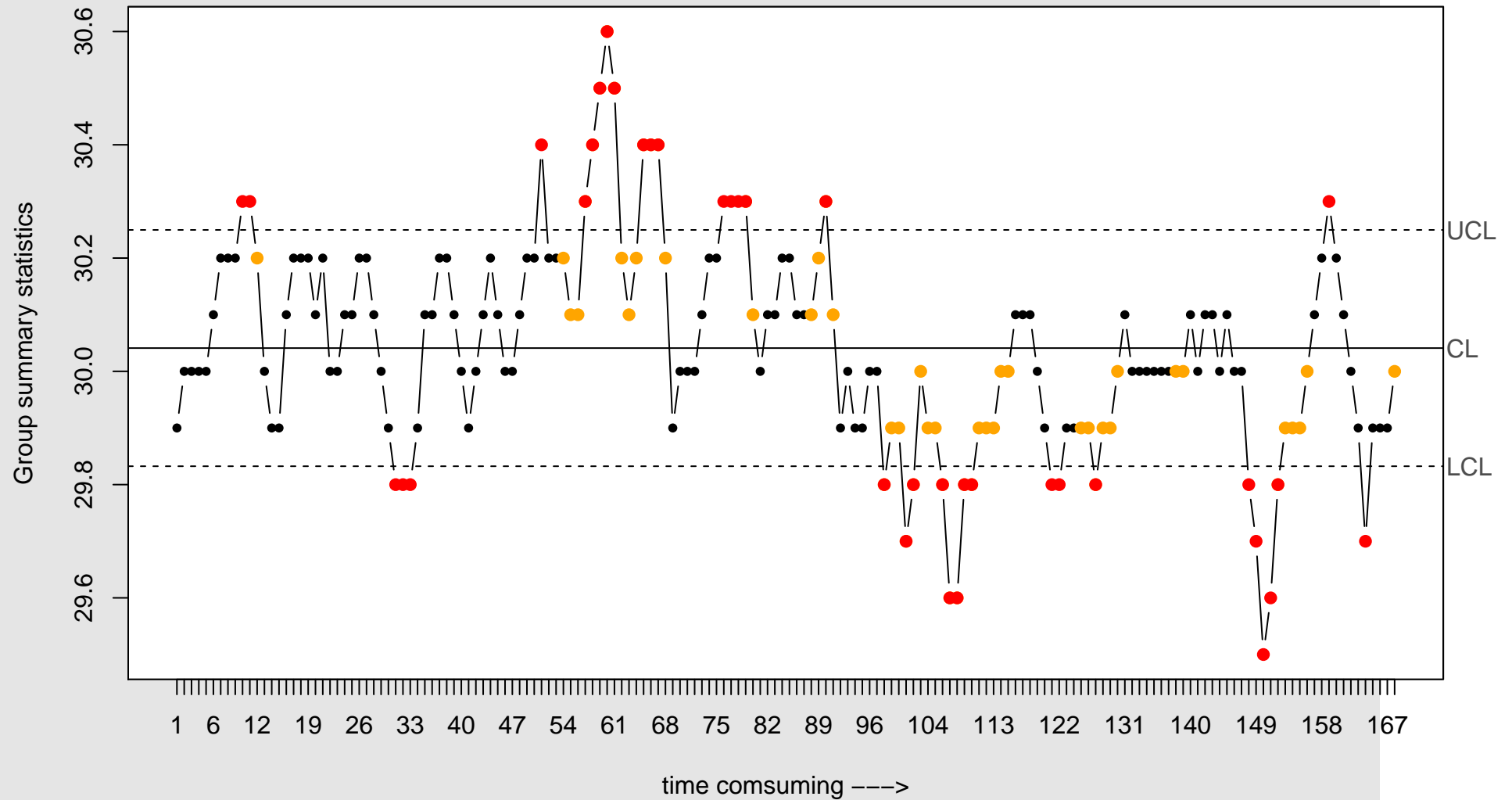
LCL = 29.8416

UCL = 30.24292

Number beyond limits = 42

Number violating runs = 67

134th column point of this product

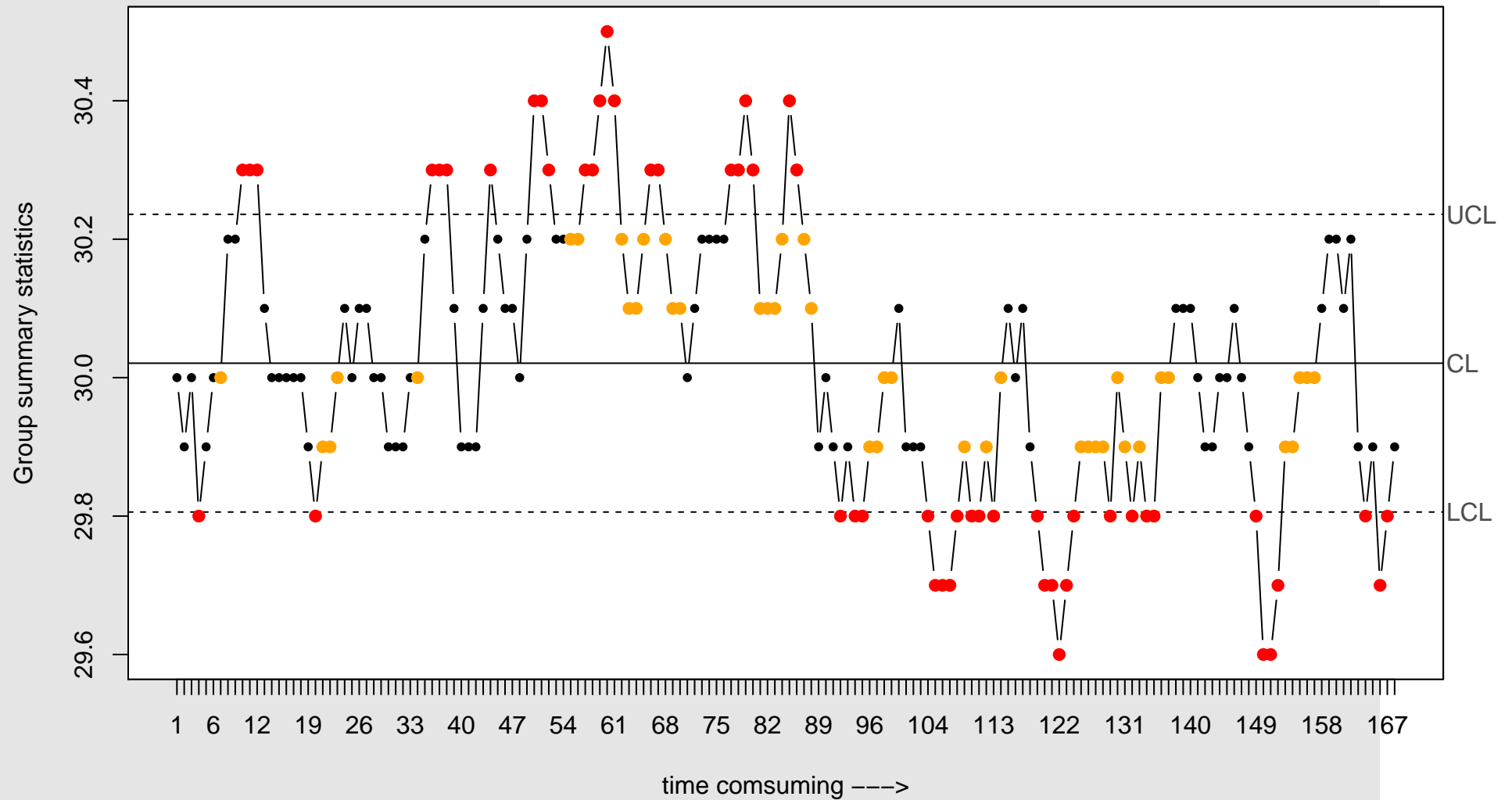


Number of groups = 168
Center = 30.04107
StdDev = 0.06954177

LCL = 29.83245
UCL = 30.2497

Number beyond limits = 37
Number violating runs = 54

135th column point of this product

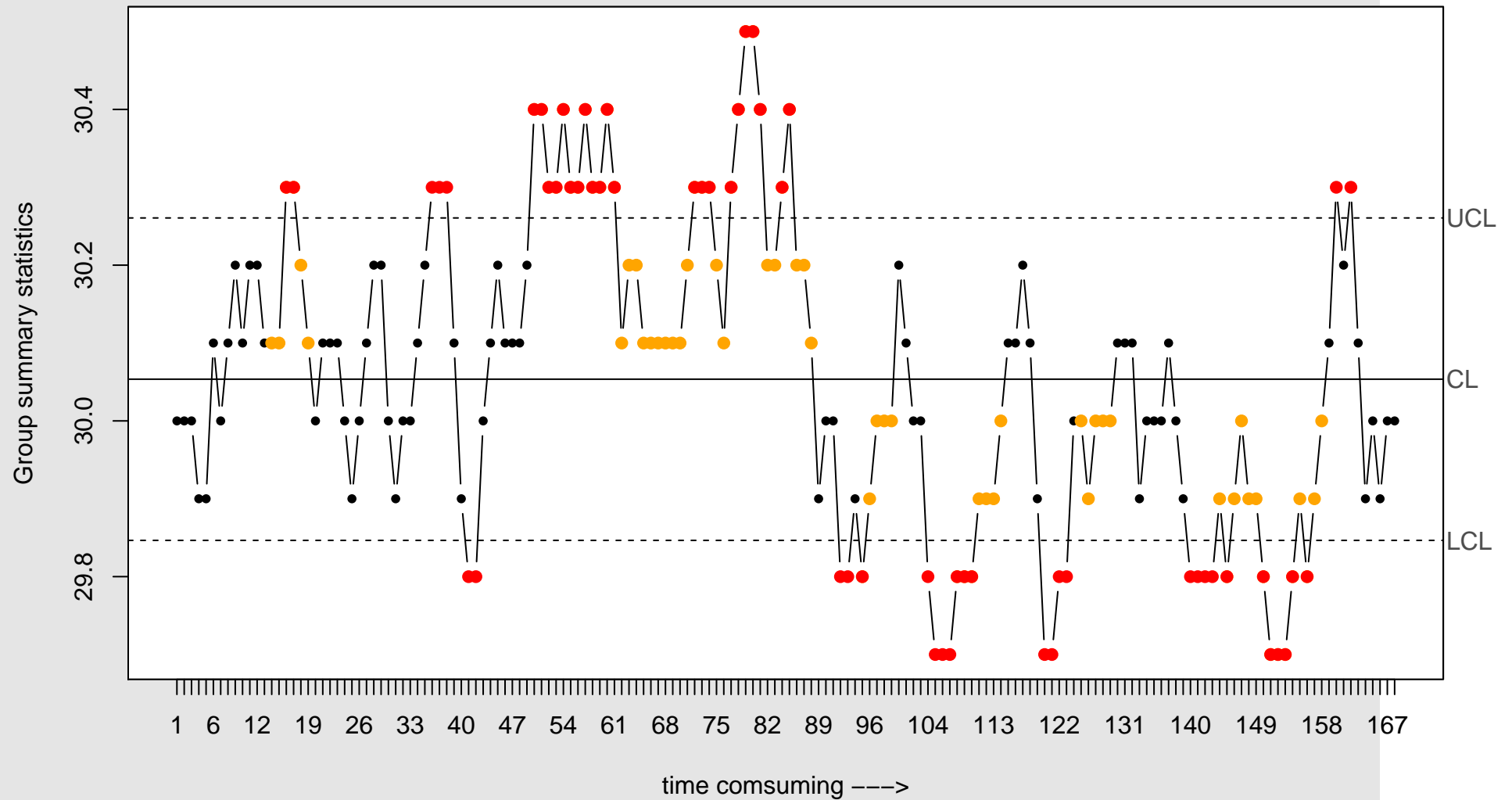


Number of groups = 168
 Center = 30.02083
 StdDev = 0.07166518

LCL = 29.80584
 UCL = 30.23583

Number beyond limits = 53
 Number violating runs = 65

136th column point of this product

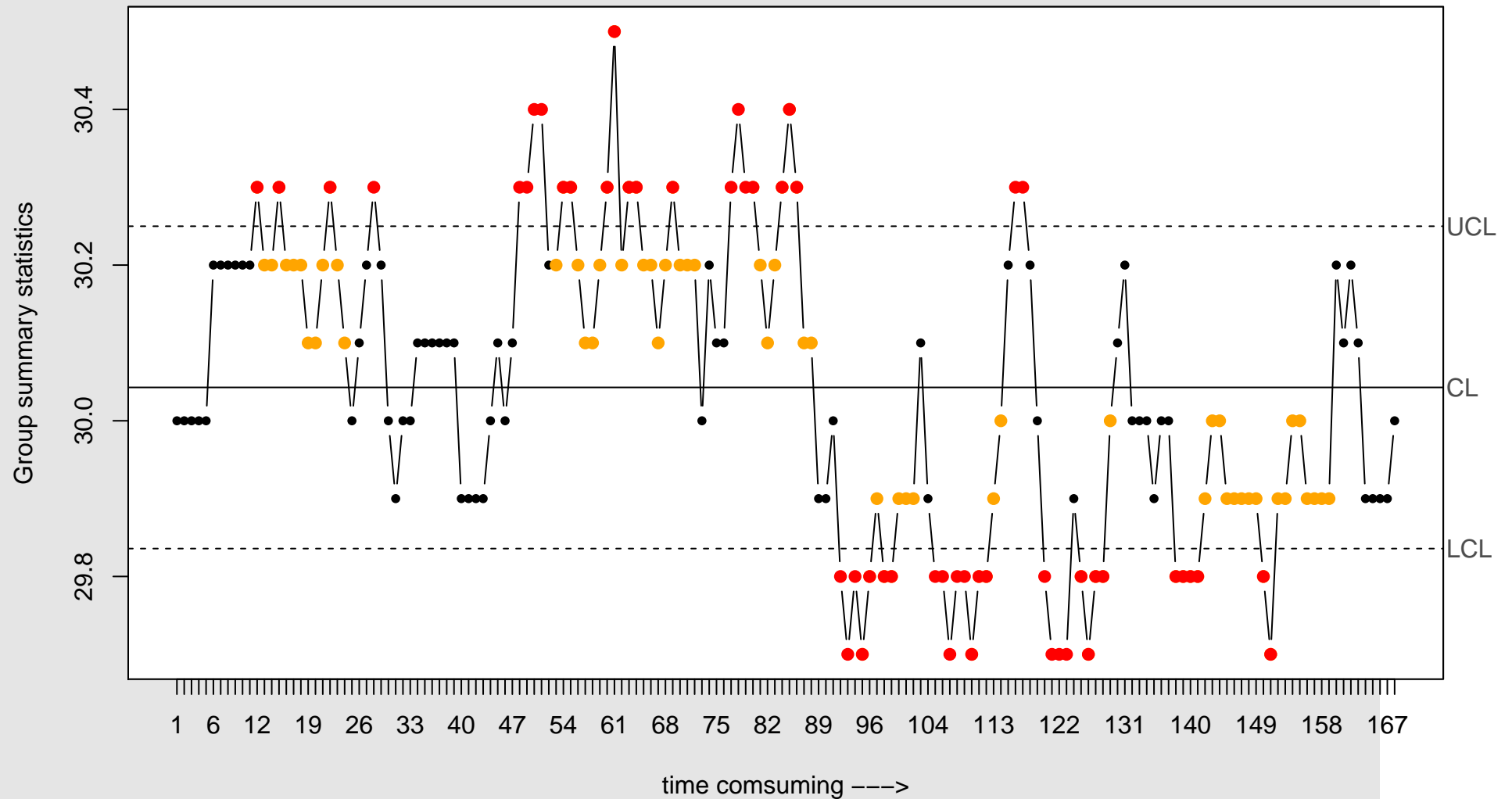


Number of groups = 168
Center = 30.05357
StdDev = 0.06901091

LCL = 29.84654
UCL = 30.2606

Number beyond limits = 56
Number violating runs = 77

137th column point of this product



Number of groups = 168

Center = 30.04286

StdDev = 0.06901091

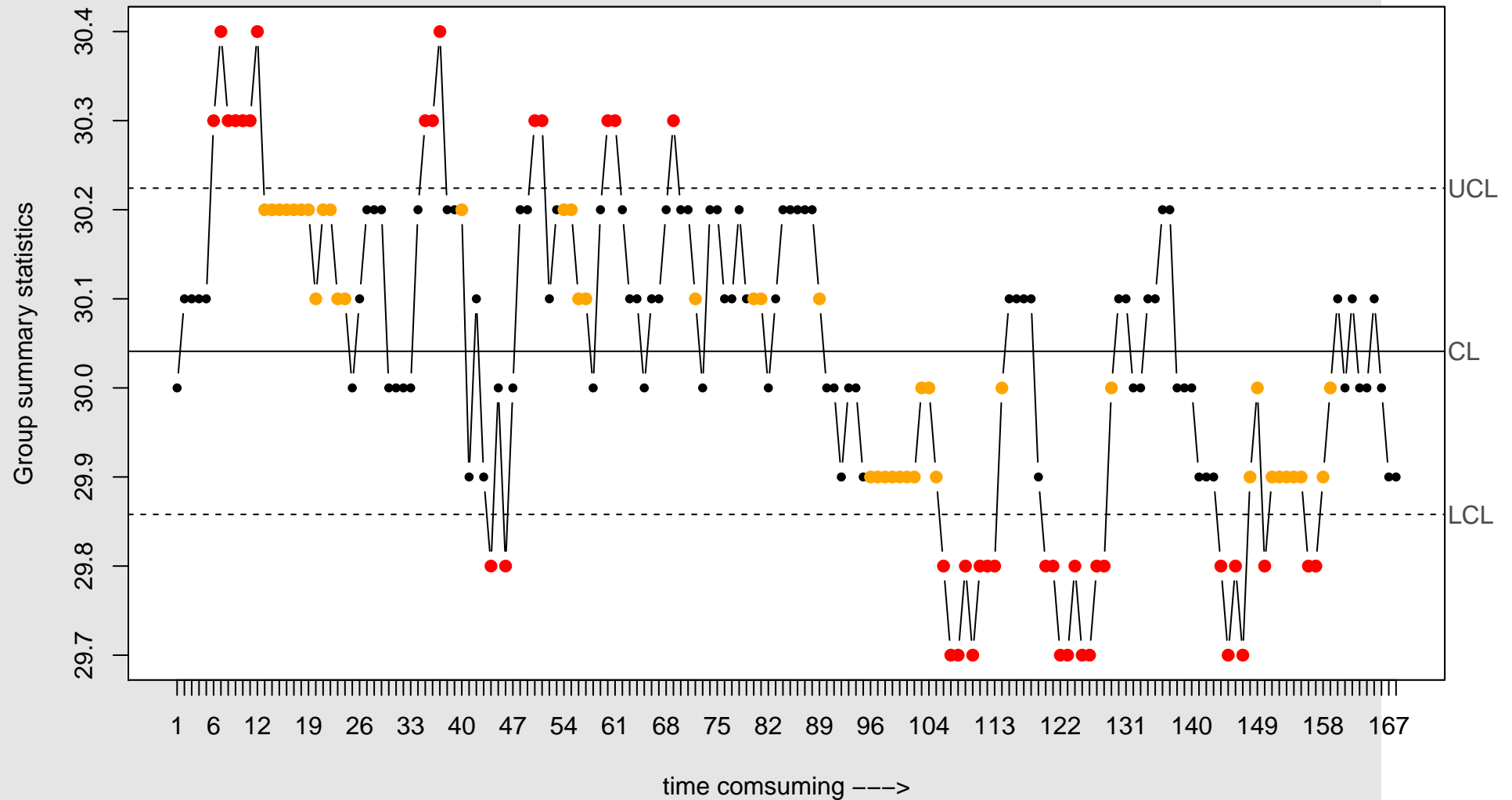
LCL = 29.83582

UCL = 30.24989

Number beyond limits = 53

Number violating runs = 82

138th column point of this product

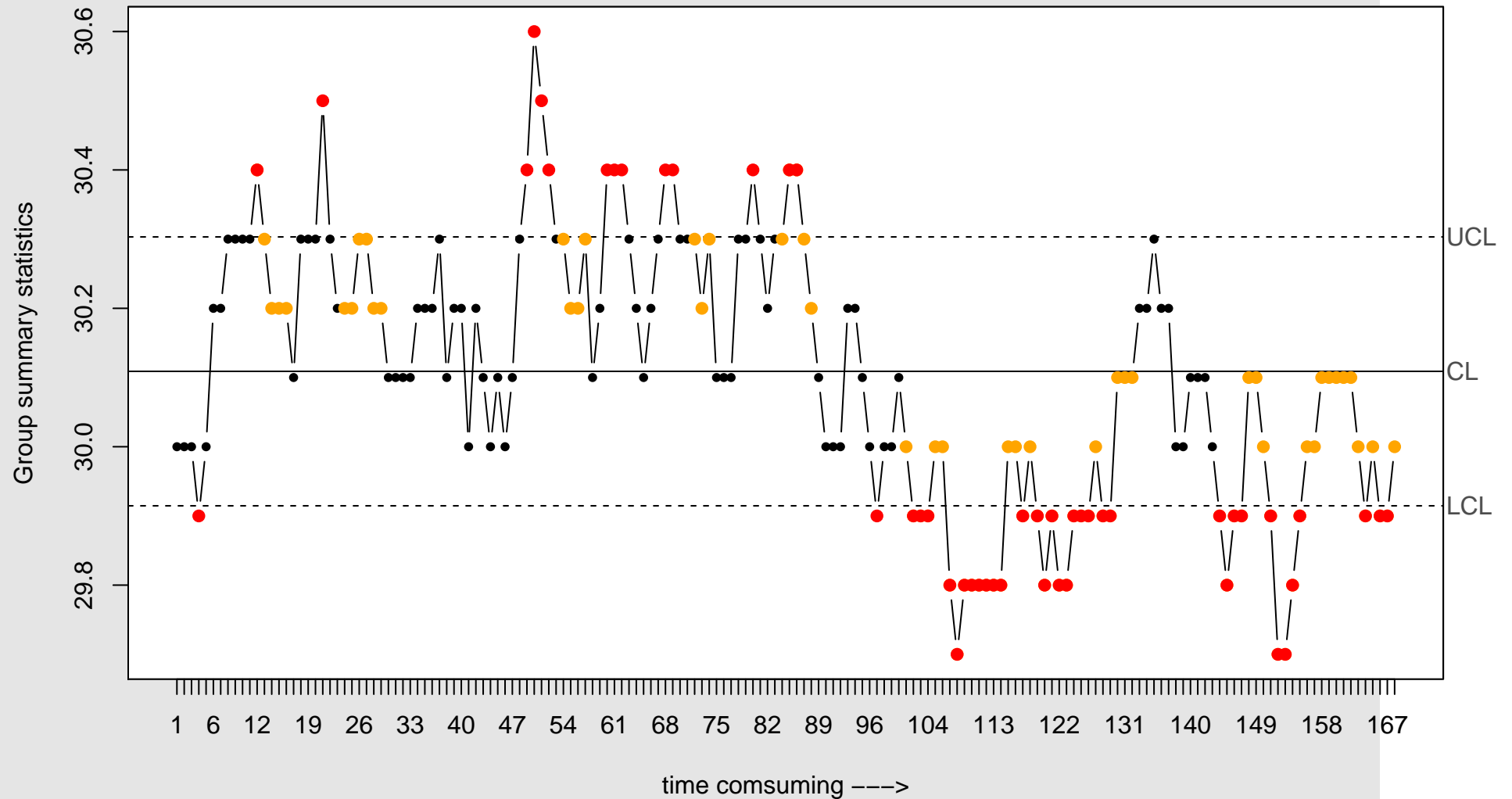


Number of groups = 168
Center = 30.04107
StdDev = 0.06104812

LCL = 29.85793
UCL = 30.22422

Number beyond limits = 41
Number violating runs = 66

139th column point of this product



Number of groups = 168

Center = 30.10893

StdDev = 0.06476409

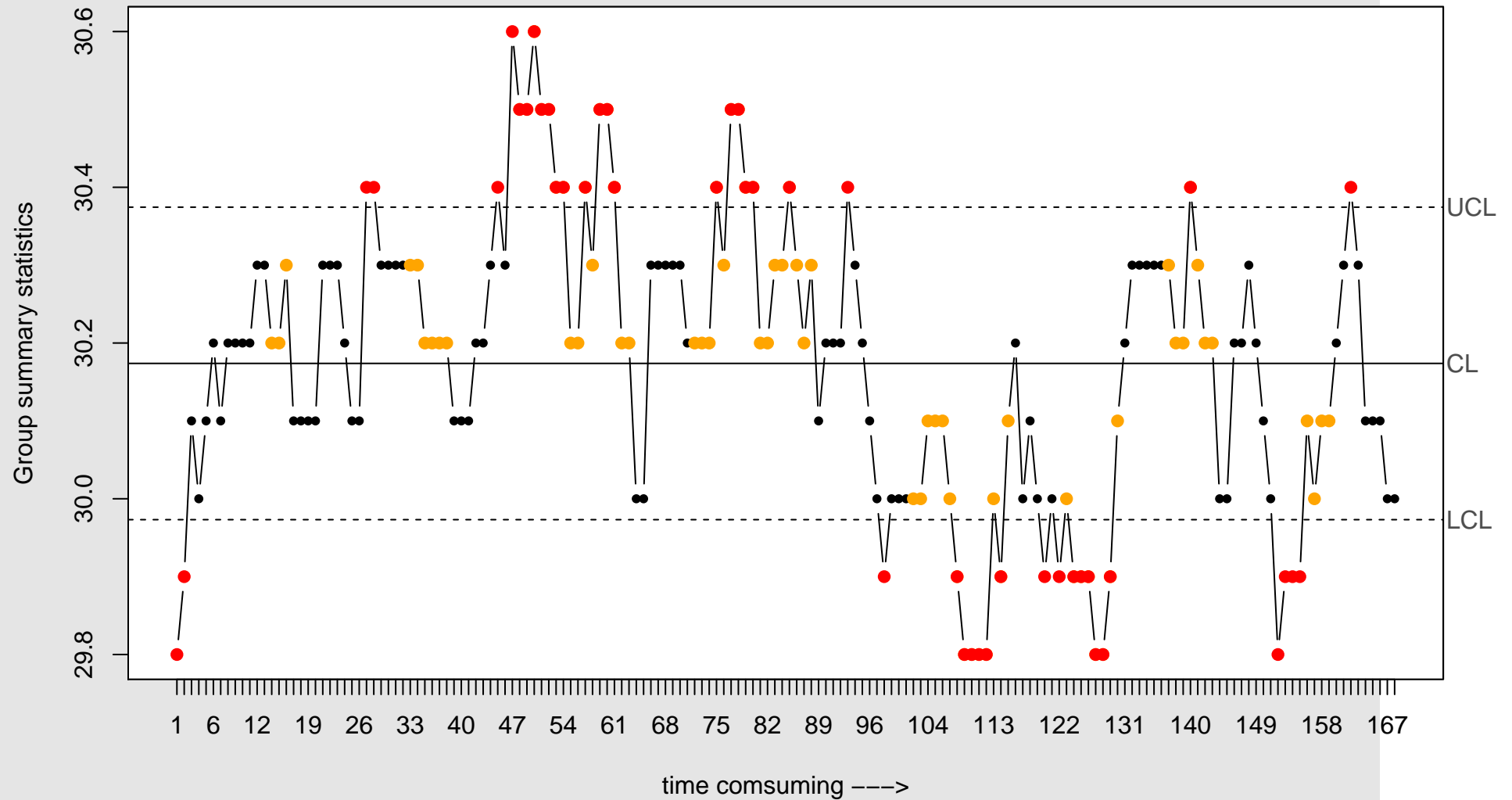
LCL = 29.91464

UCL = 30.30322

Number beyond limits = 50

Number violating runs = 80

140th column point of this product

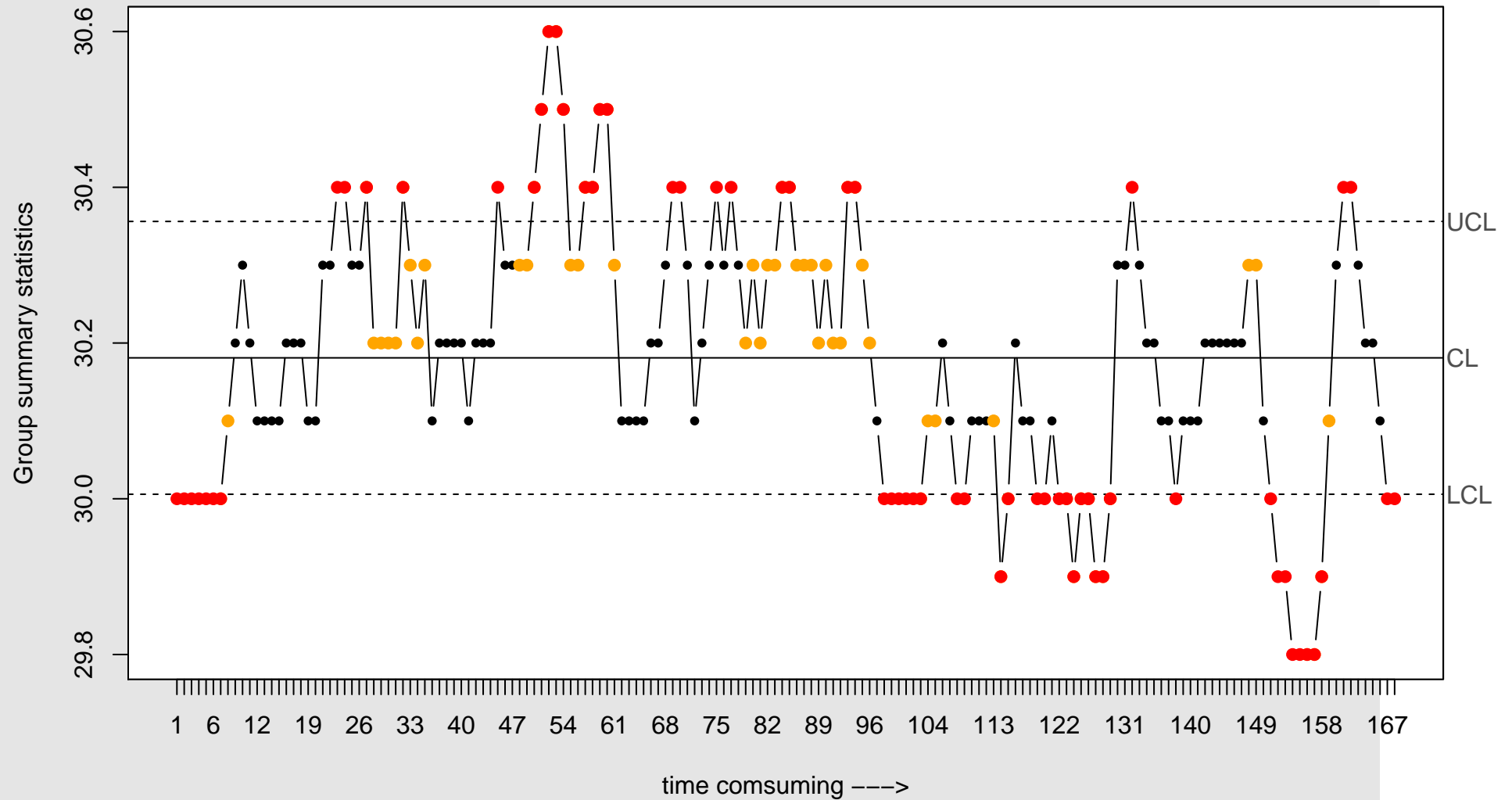


Number of groups = 168
Center = 30.17381
StdDev = 0.0668875

LCL = 29.97315
UCL = 30.37447

Number beyond limits = 45
Number violating runs = 75

141th column point of this product

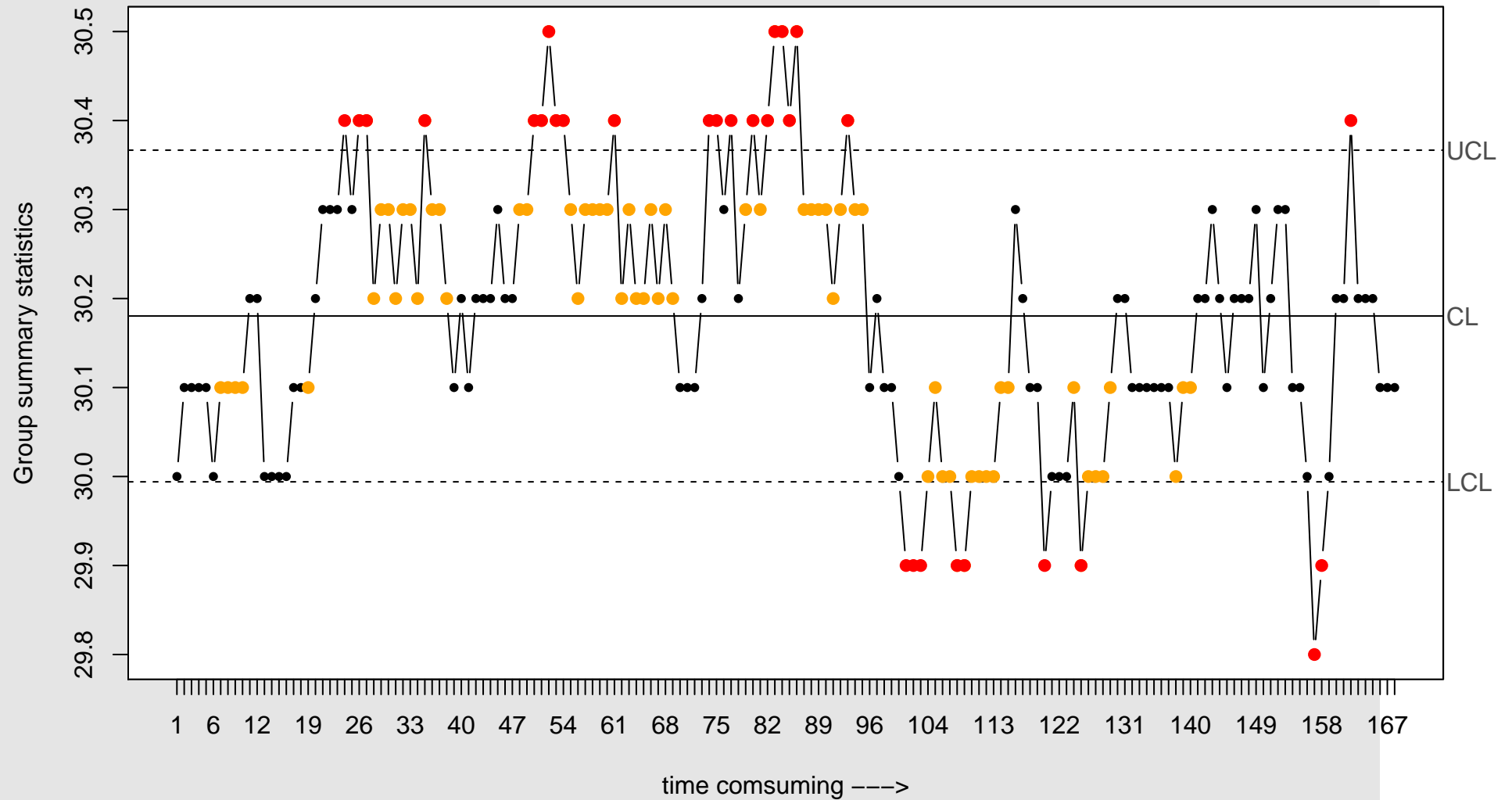


Number of groups = 168
Center = 30.18095
StdDev = 0.05839385

LCL = 30.00577
UCL = 30.35613

Number beyond limits = 63
Number violating runs = 62

142th column point of this product

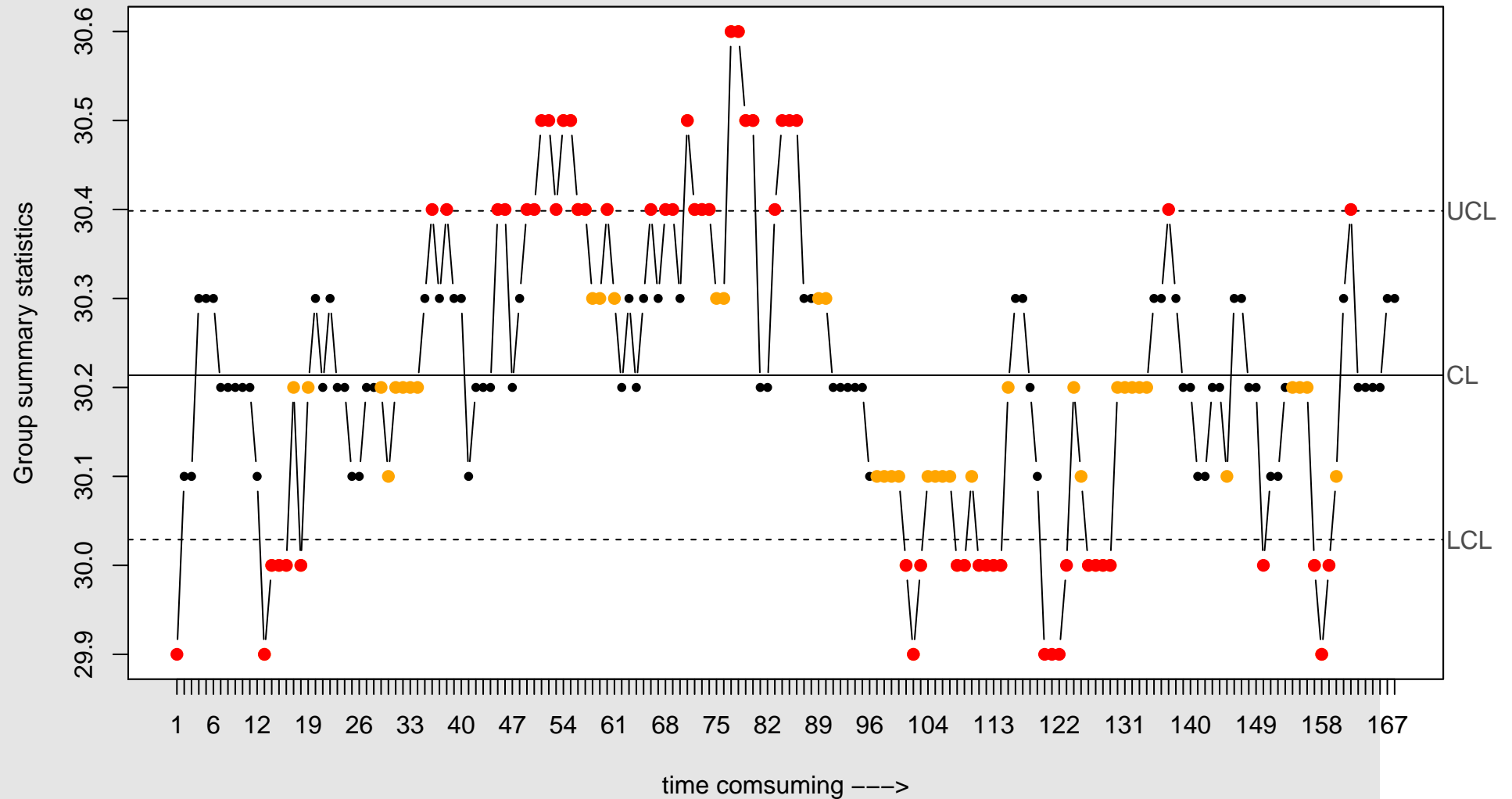


Number of groups = 168
Center = 30.18036
StdDev = 0.06210982

LCL = 29.99403
UCL = 30.36669

Number beyond limits = 30
Number violating runs = 78

143th column point of this product

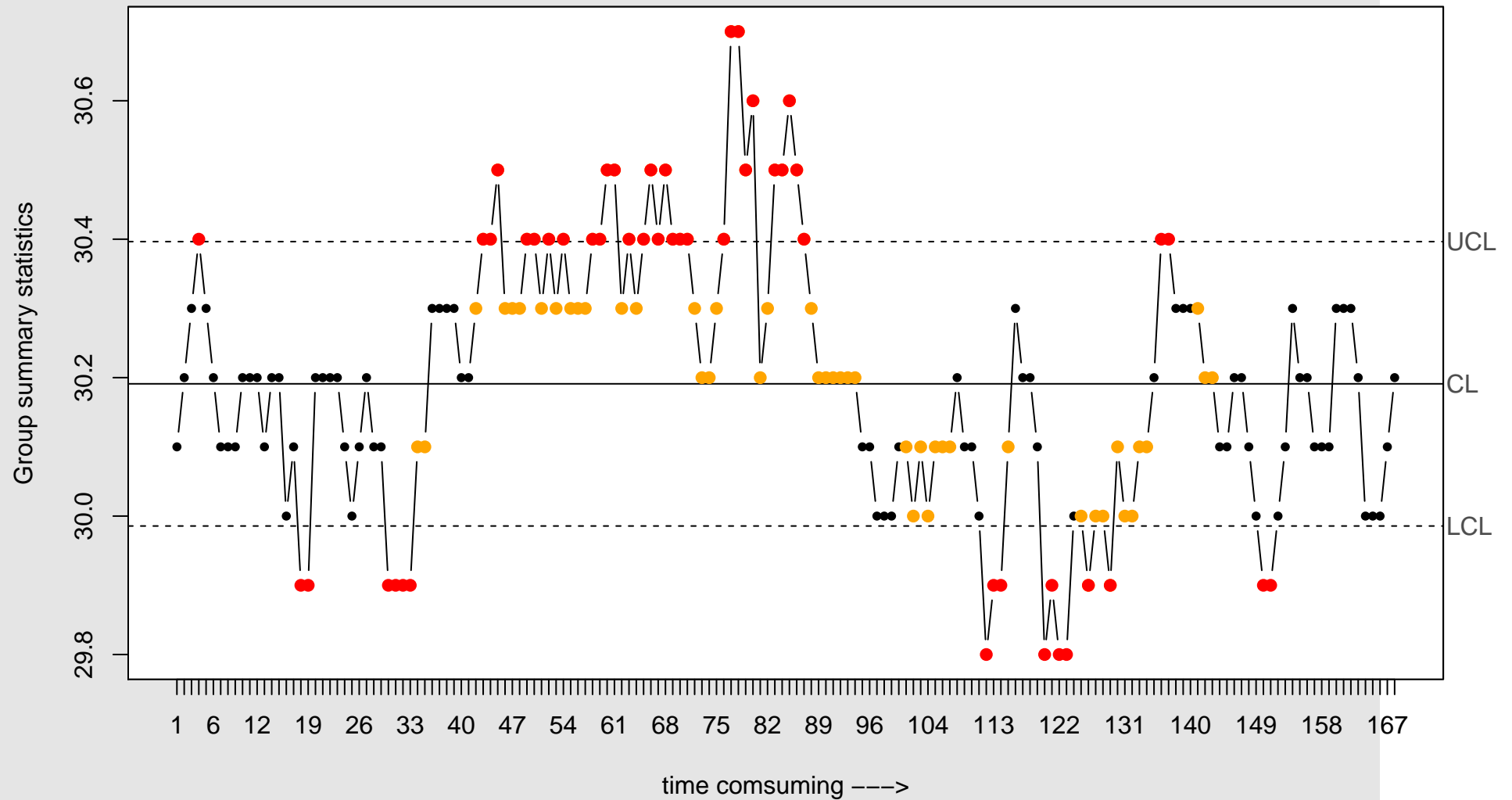


Number of groups = 168
Center = 30.21369
StdDev = 0.06157897

LCL = 30.02895
UCL = 30.39843

Number beyond limits = 58
Number violating runs = 71

144th column point of this product



Number of groups = 168

Center = 30.19107

StdDev = 0.06848006

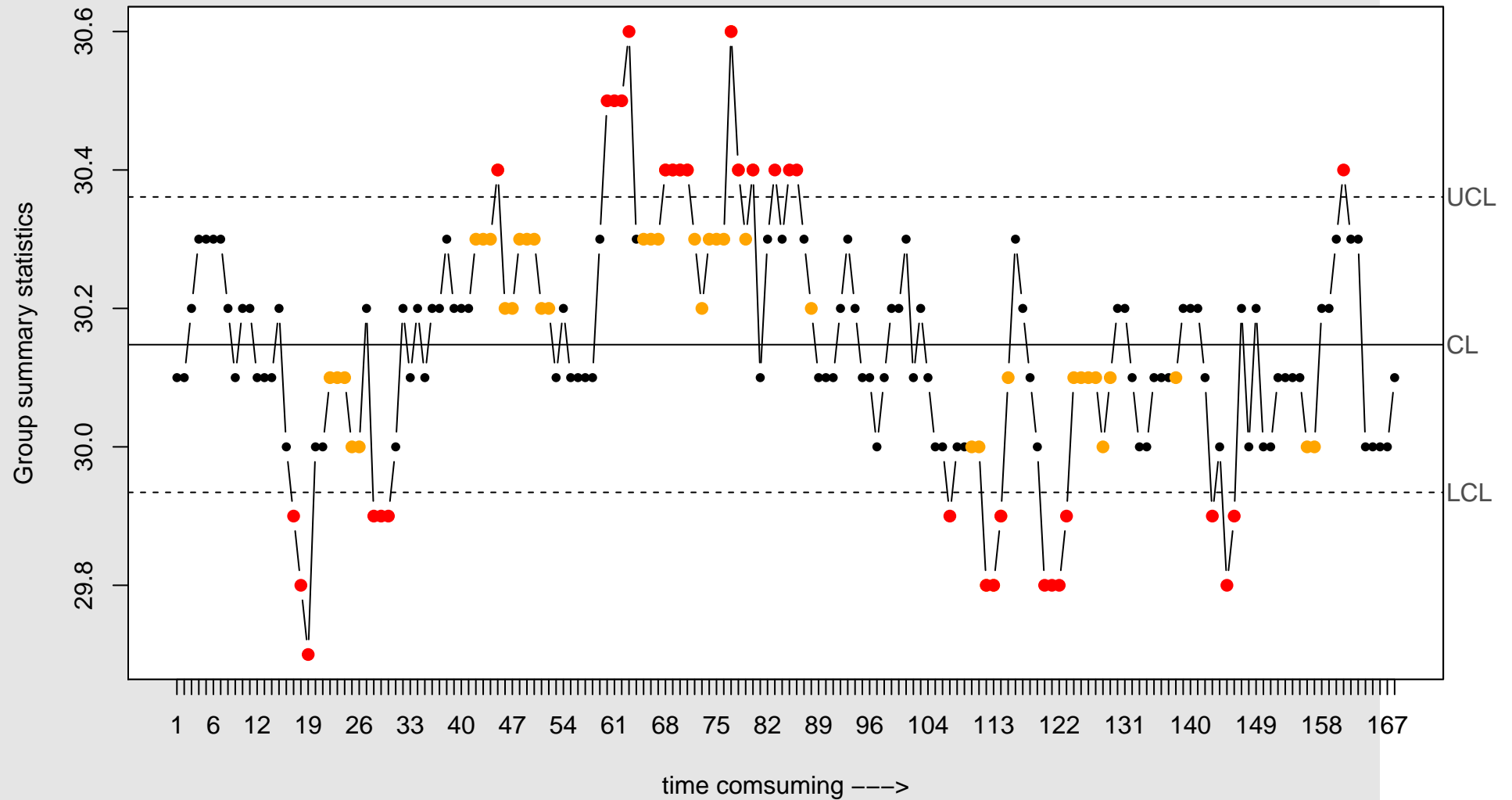
LCL = 29.98563

UCL = 30.39651

Number beyond limits = 49

Number violating runs = 76

145th column point of this product

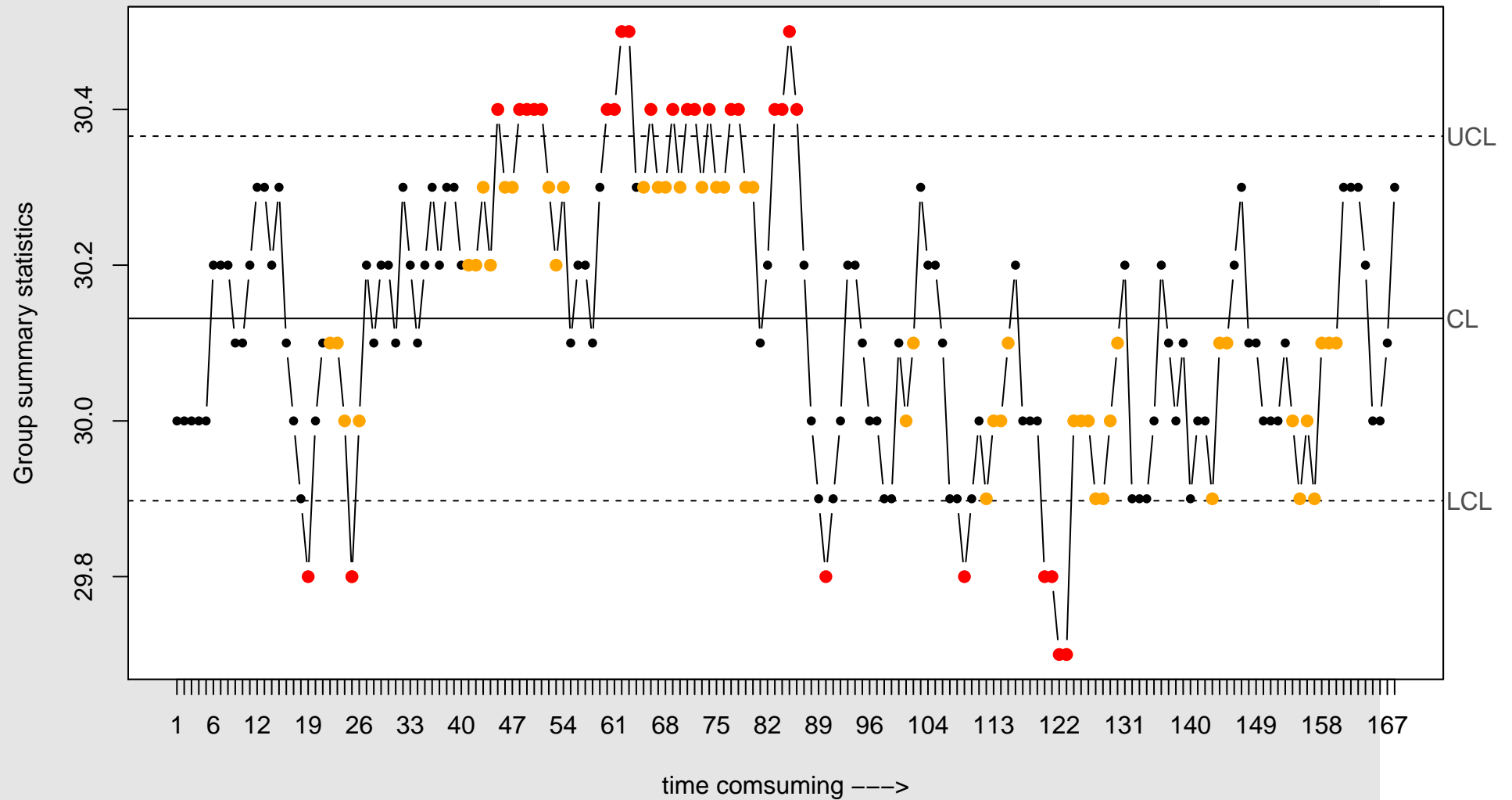


Number of groups = 168
 Center = 30.14762
 StdDev = 0.07113433

LCL = 29.93422
 UCL = 30.36102

Number beyond limits = 33
 Number violating runs = 48

146th column point of this product

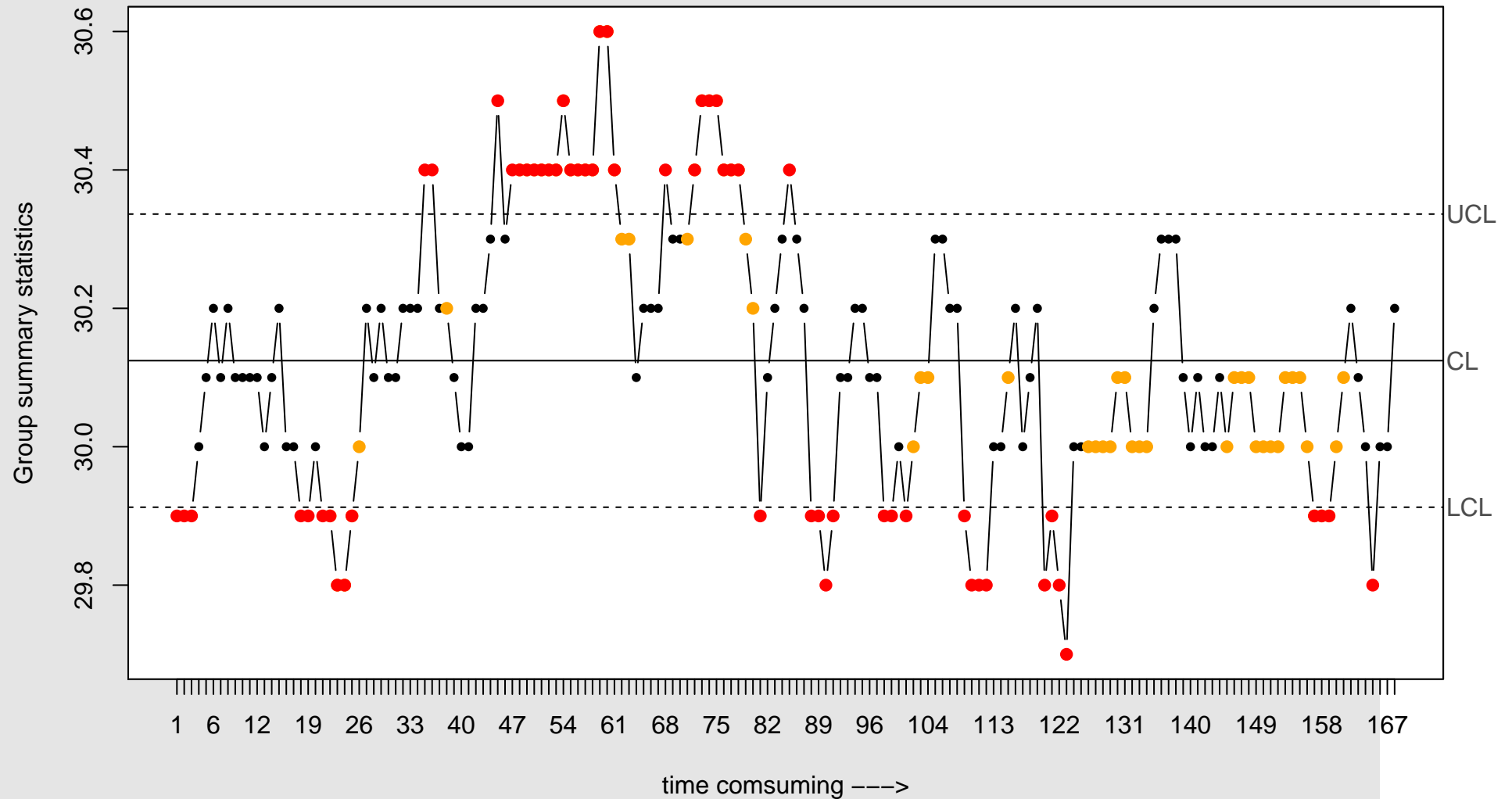


Number of groups = 168
 Center = 30.13155
 StdDev = 0.07803542

LCL = 29.89744
 UCL = 30.36565

Number beyond limits = 28
 Number violating runs = 59

147th column point of this product



Number of groups = 168

Center = 30.1244

StdDev = 0.07060347

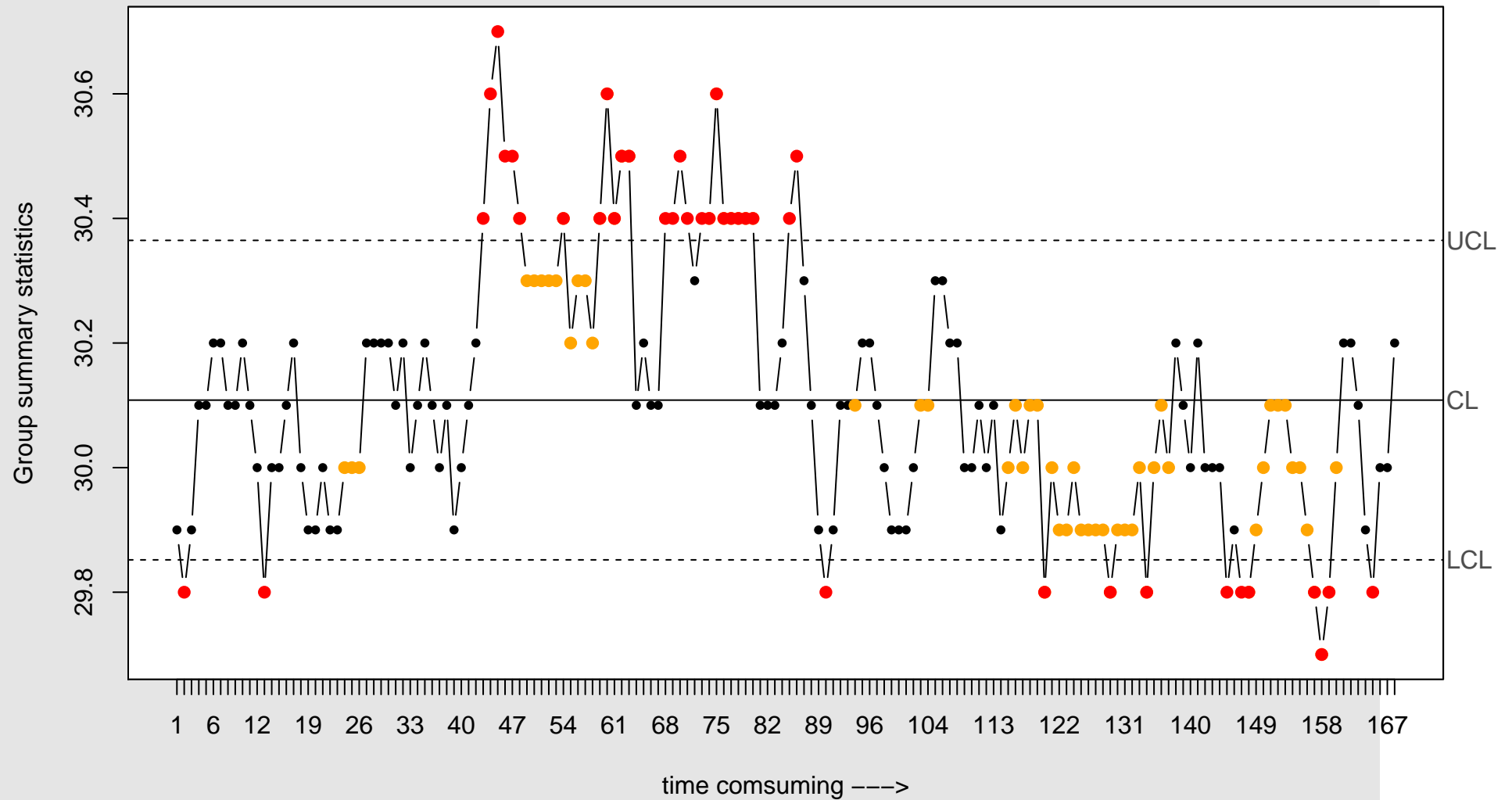
LCL = 29.91259

UCL = 30.33622

Number beyond limits = 57

Number violating runs = 62

148th column point of this product



Number of groups = 168

Center = 30.10833

StdDev = 0.08546736

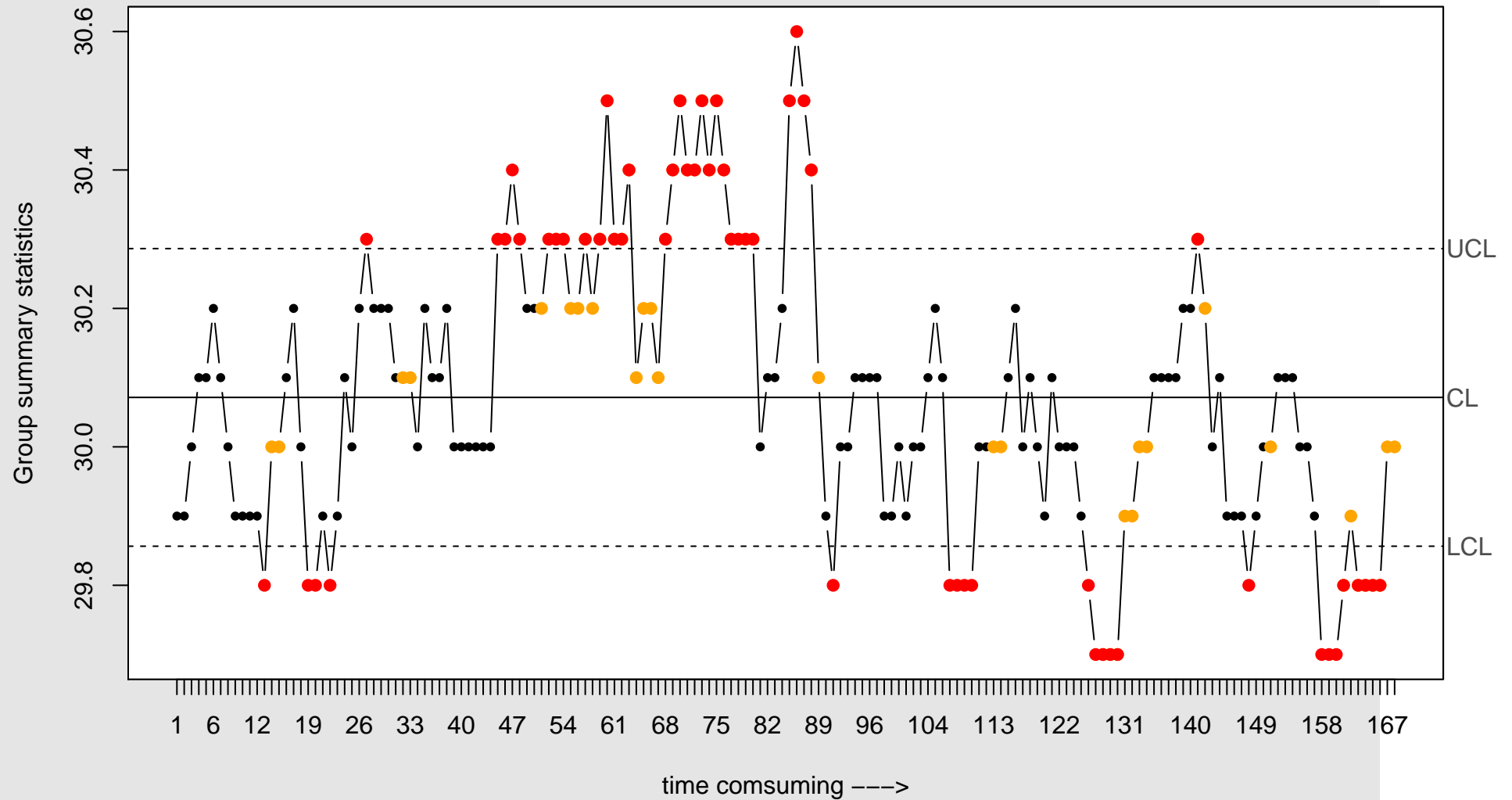
LCL = 29.85193

UCL = 30.36474

Number beyond limits = 39

Number violating runs = 65

149th column point of this product



Number of groups = 168

Center = 30.07143

StdDev = 0.07166518

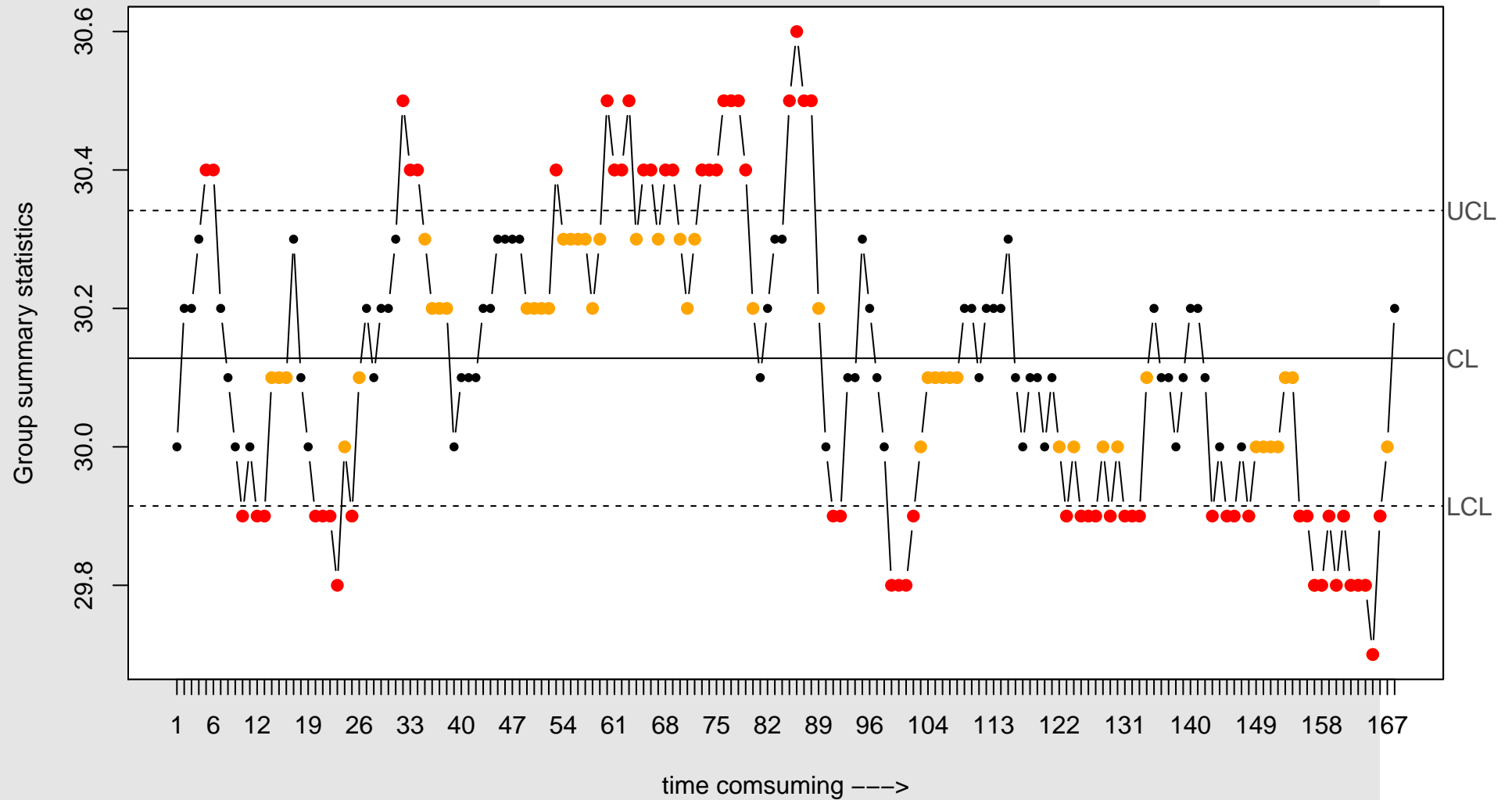
LCL = 29.85643

UCL = 30.28642

Number beyond limits = 55

Number violating runs = 56

150th column point of this product

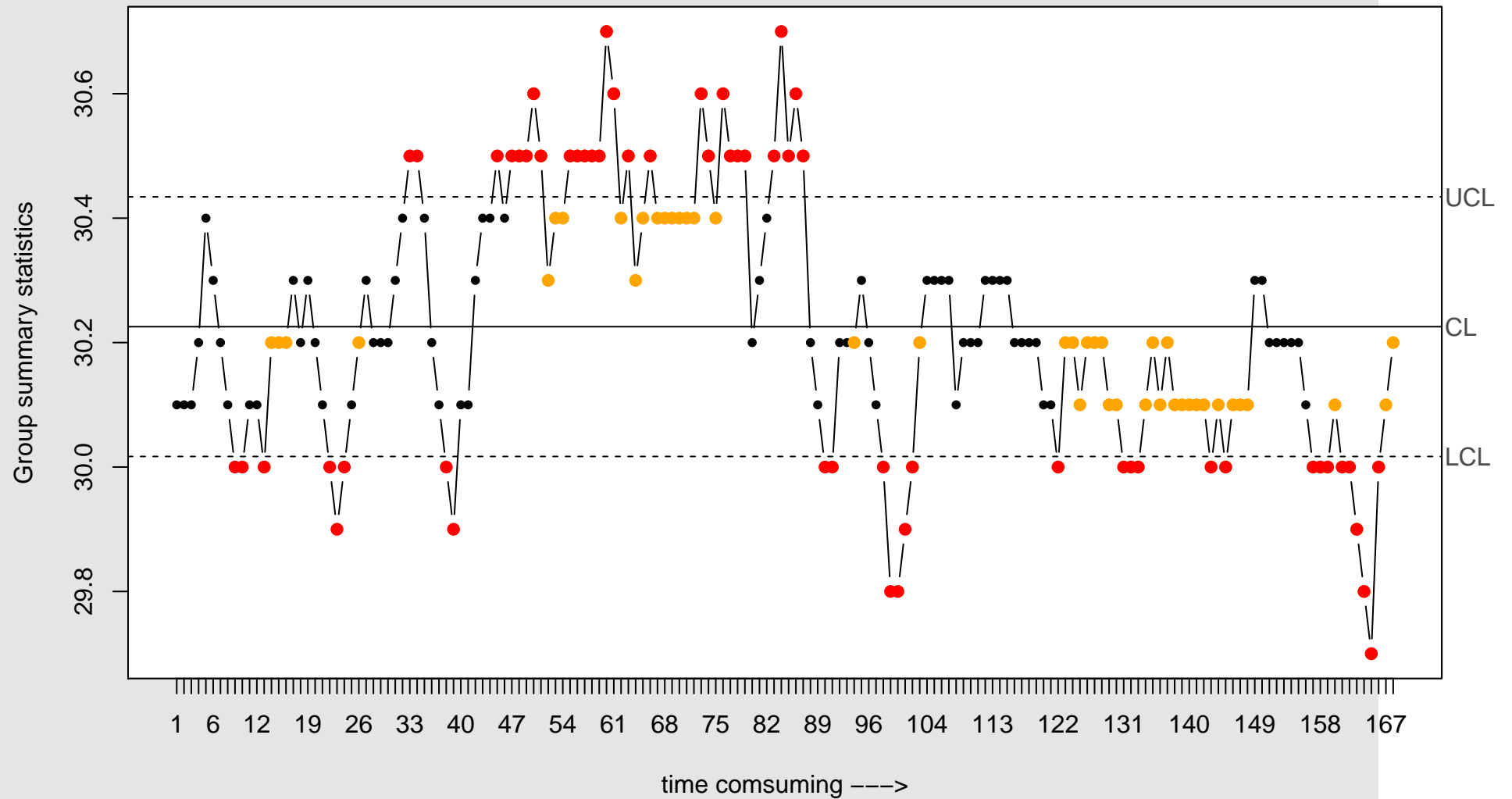


Number of groups = 168
Center = 30.12798
StdDev = 0.07113433

LCL = 29.91457
UCL = 30.34138

Number beyond limits = 63
Number violating runs = 83

151th column point of this product

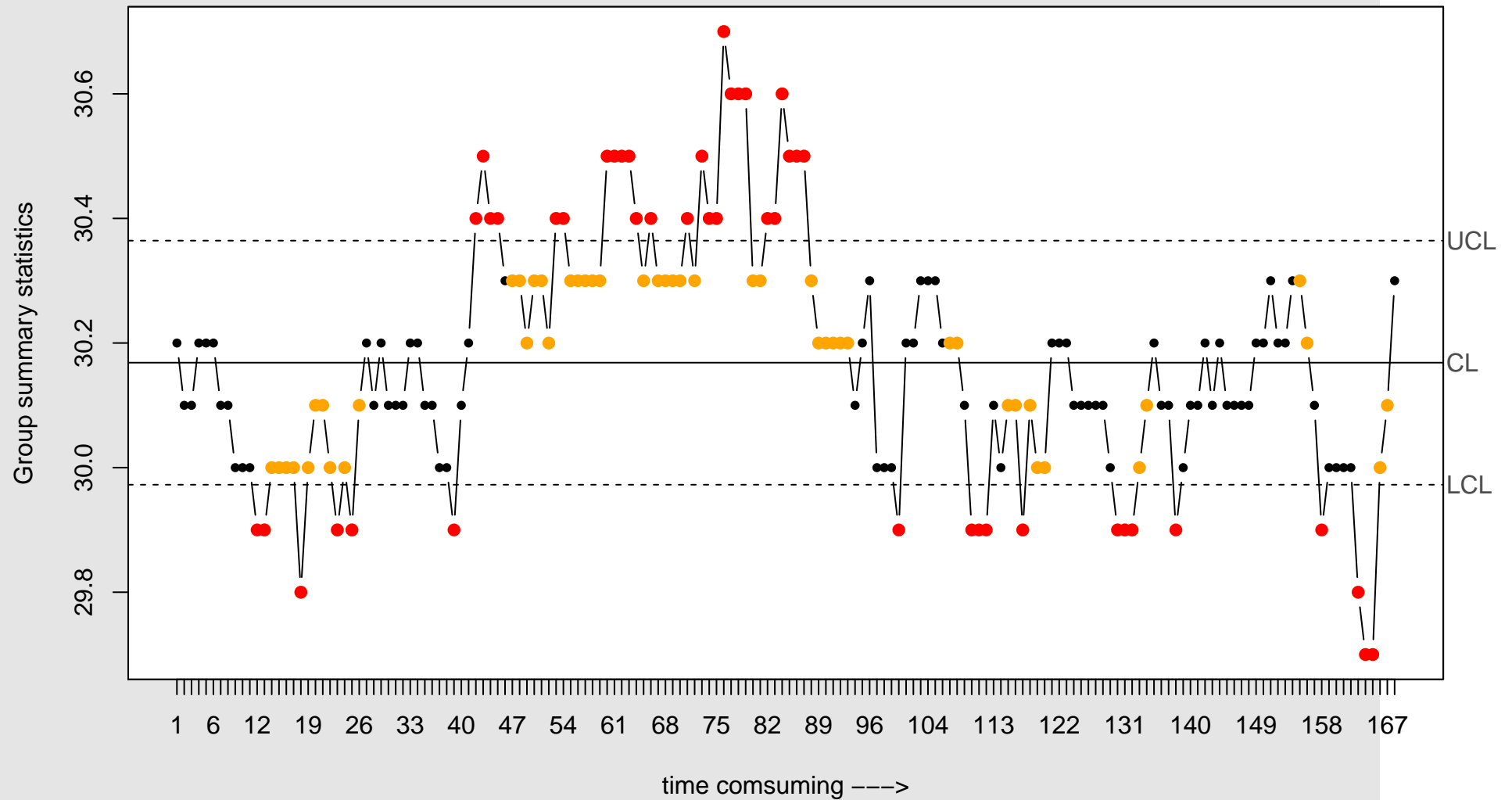


Number of groups = 168
Center = 30.2256
StdDev = 0.06954177

LCL = 30.01697
UCL = 30.43422

Number beyond limits = 58
Number violating runs = 80

152th column point of this product



Number of groups = 168

Center = 30.16845

StdDev = 0.06529494

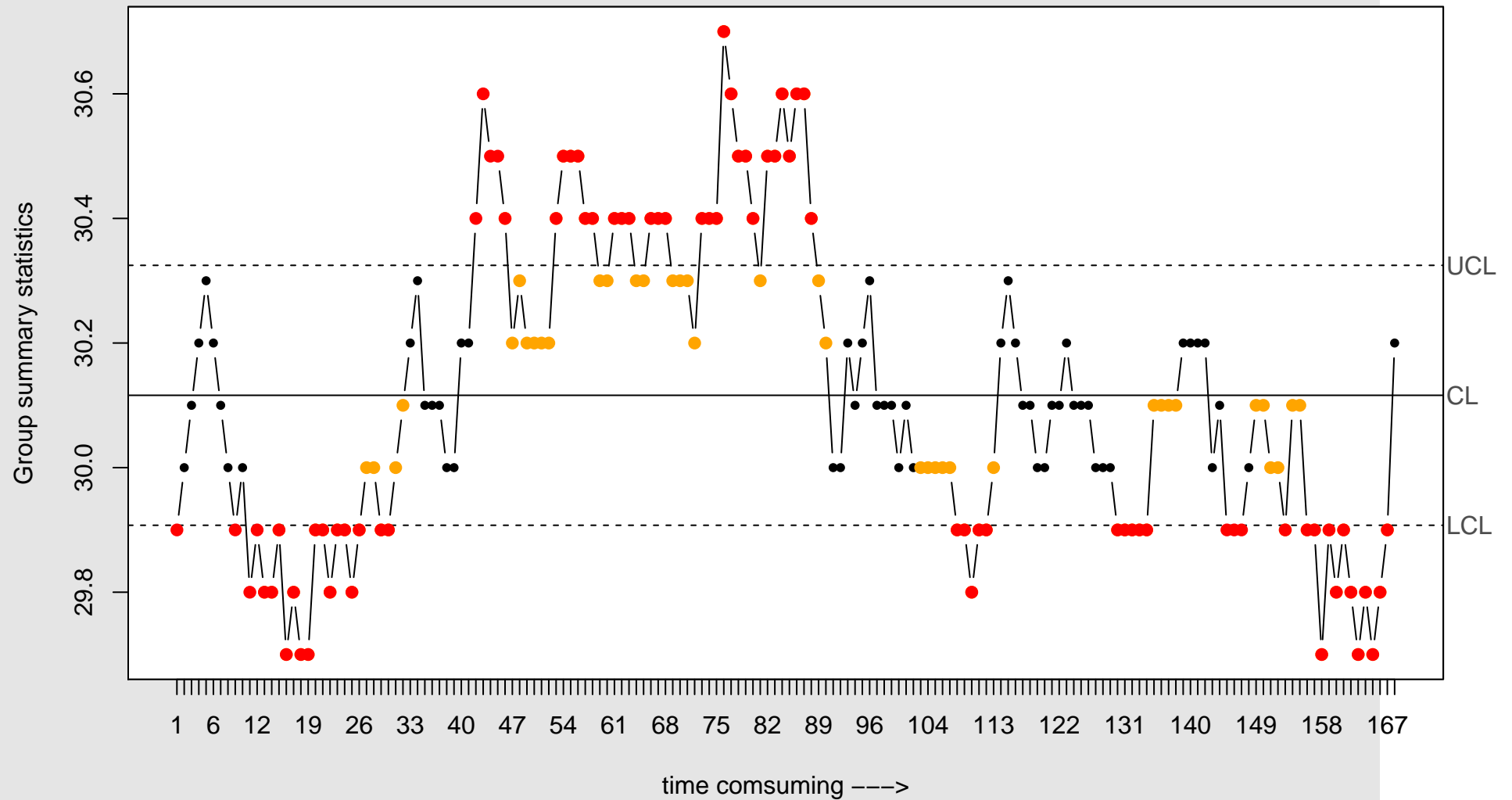
LCL = 29.97257

UCL = 30.36434

Number beyond limits = 45

Number violating runs = 81

153th column point of this product



Number of groups = 168

Center = 30.11607

StdDev = 0.06954177

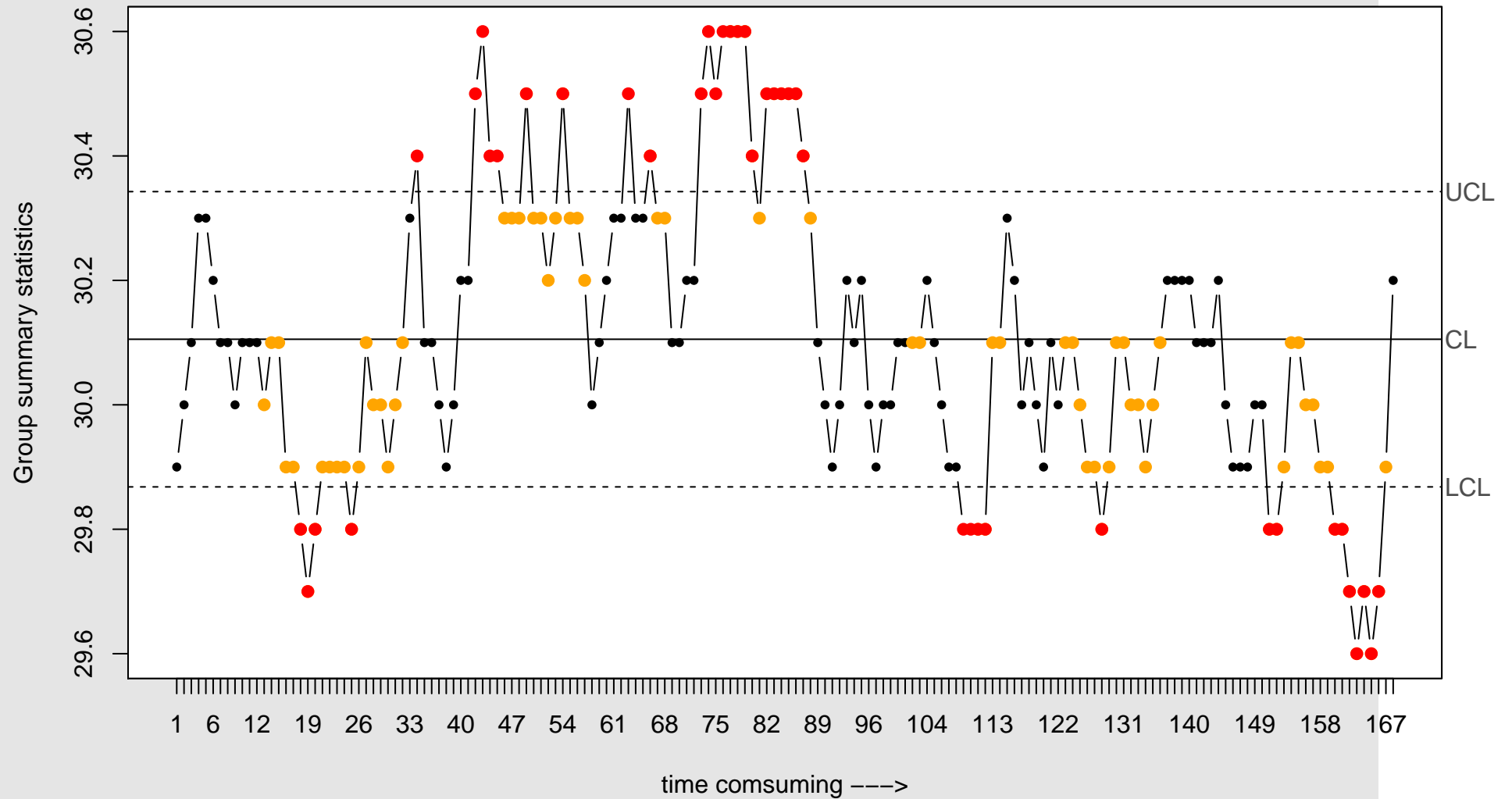
LCL = 29.90745

UCL = 30.3247

Number beyond limits = 78

Number violating runs = 104

154th column point of this product

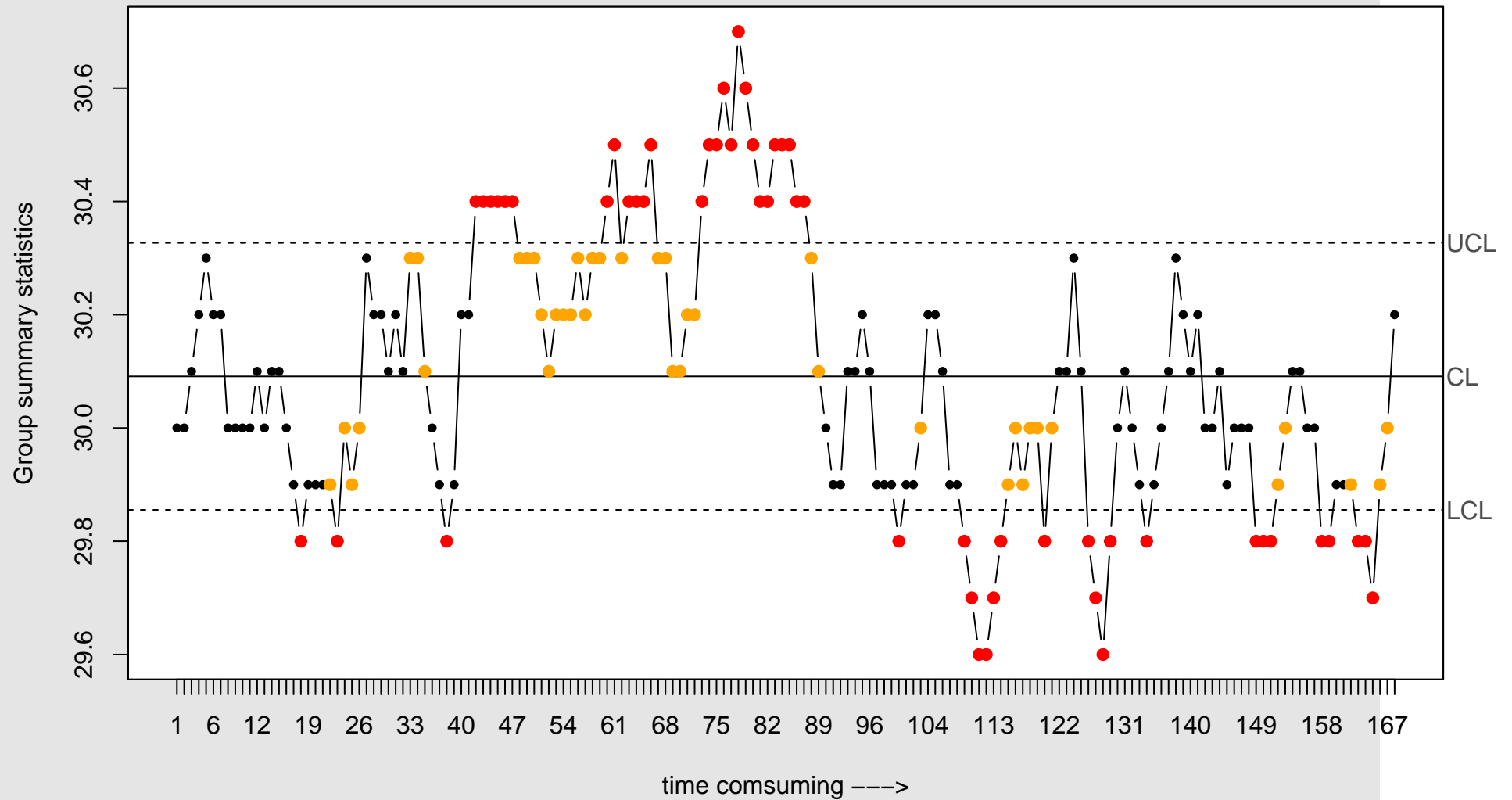


Number of groups = 168
Center = 30.10536
StdDev = 0.07909712

LCL = 29.86807
UCL = 30.34265

Number beyond limits = 41
Number violating runs = 84

155th column point of this product



Number of groups = 168

Center = 30.09107

StdDev = 0.07856627

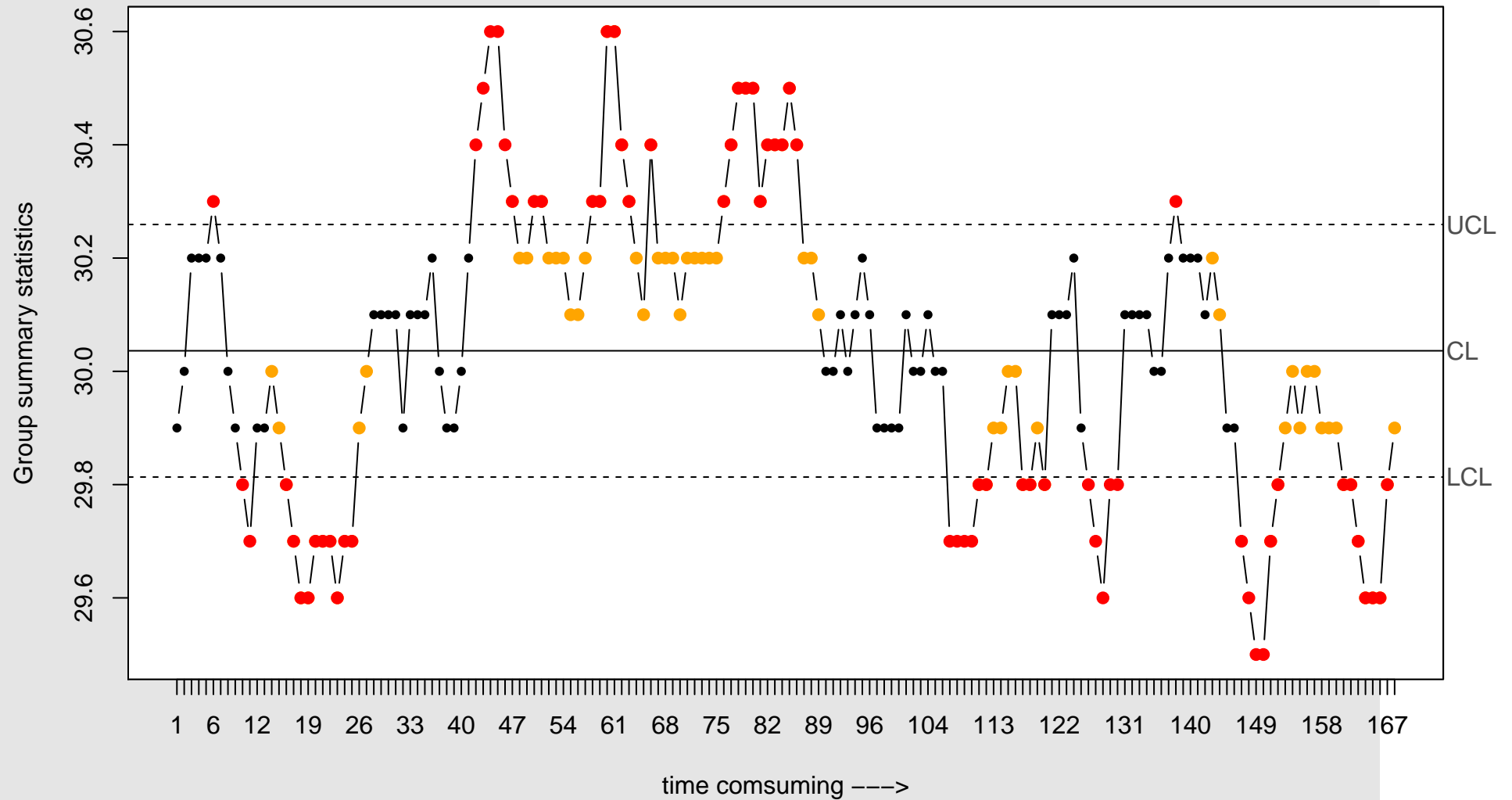
LCL = 29.85537

UCL = 30.32677

Number beyond limits = 51

Number violating runs = 71

156th column point of this product

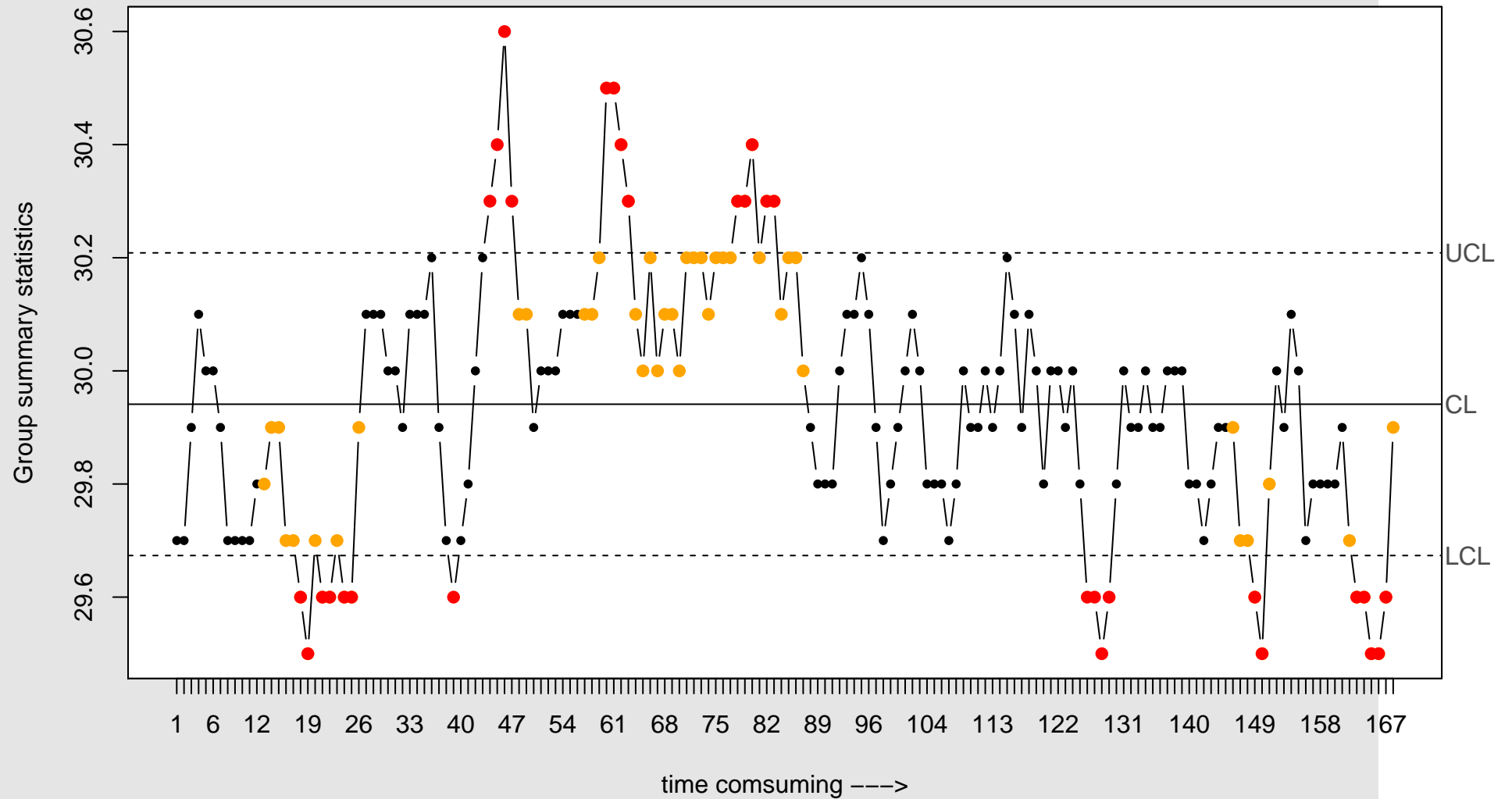


Number of groups = 168
 Center = 30.03631
 StdDev = 0.07431945

LCL = 29.81335
 UCL = 30.25927

Number beyond limits = 67
 Number violating runs = 87

157th column point of this product

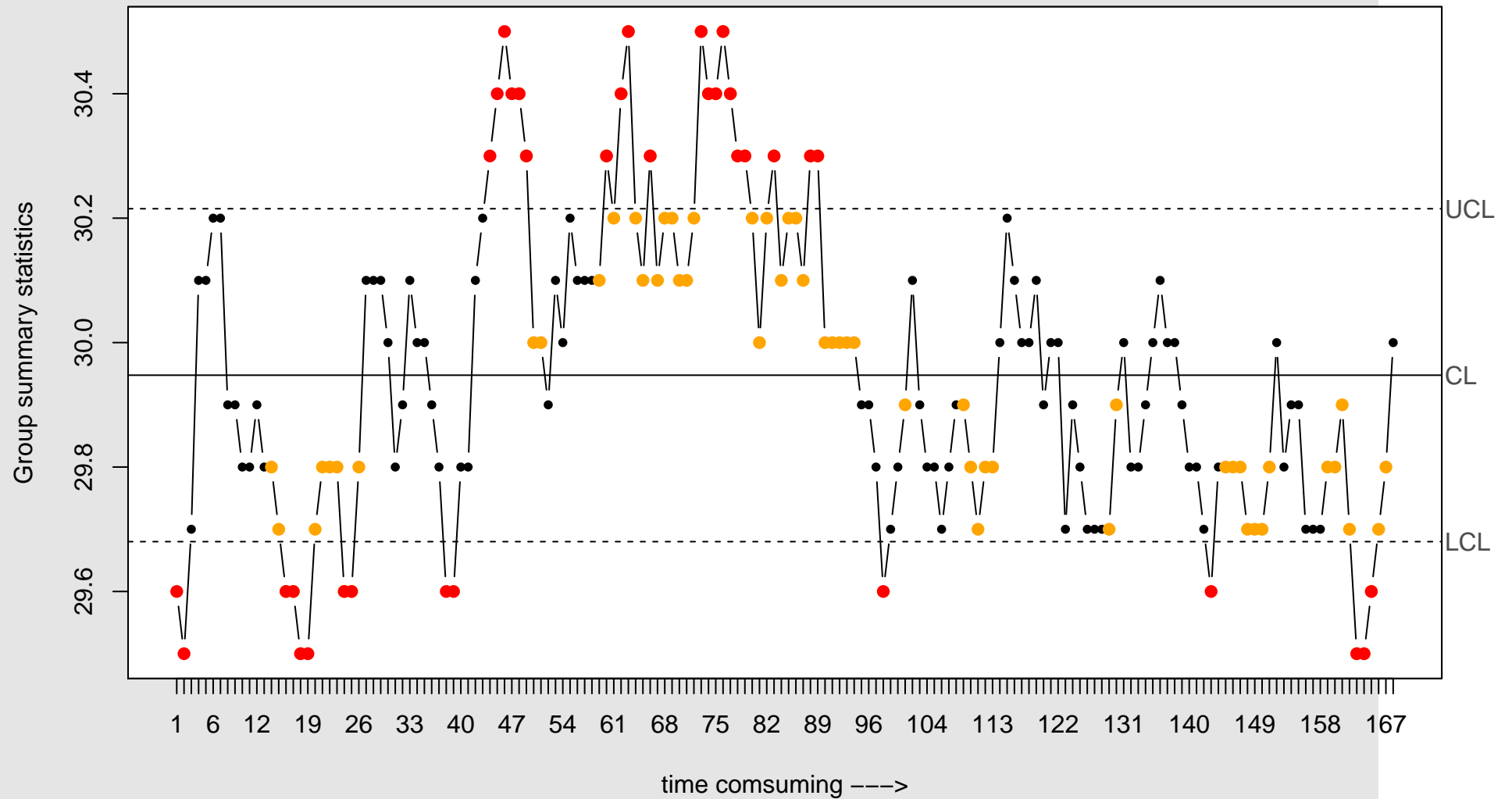


Number of groups = 168
Center = 29.94107
StdDev = 0.08918334

LCL = 29.67352
UCL = 30.20862

Number beyond limits = 31
Number violating runs = 60

158th column point of this product

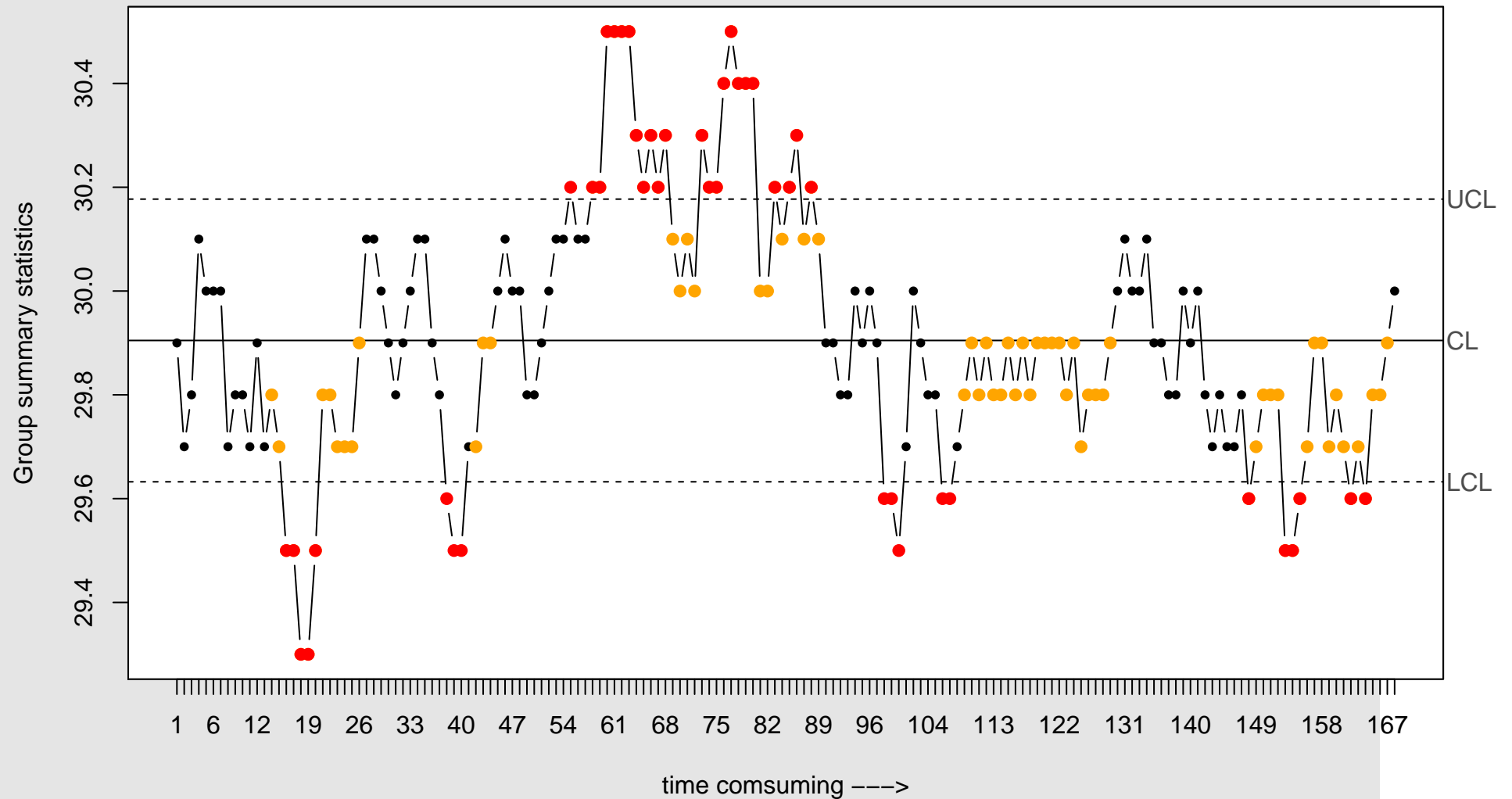


Number of groups = 168
Center = 29.94762
StdDev = 0.08918334

LCL = 29.68007
UCL = 30.21517

Number beyond limits = 35
Number violating runs = 77

159th column point of this product

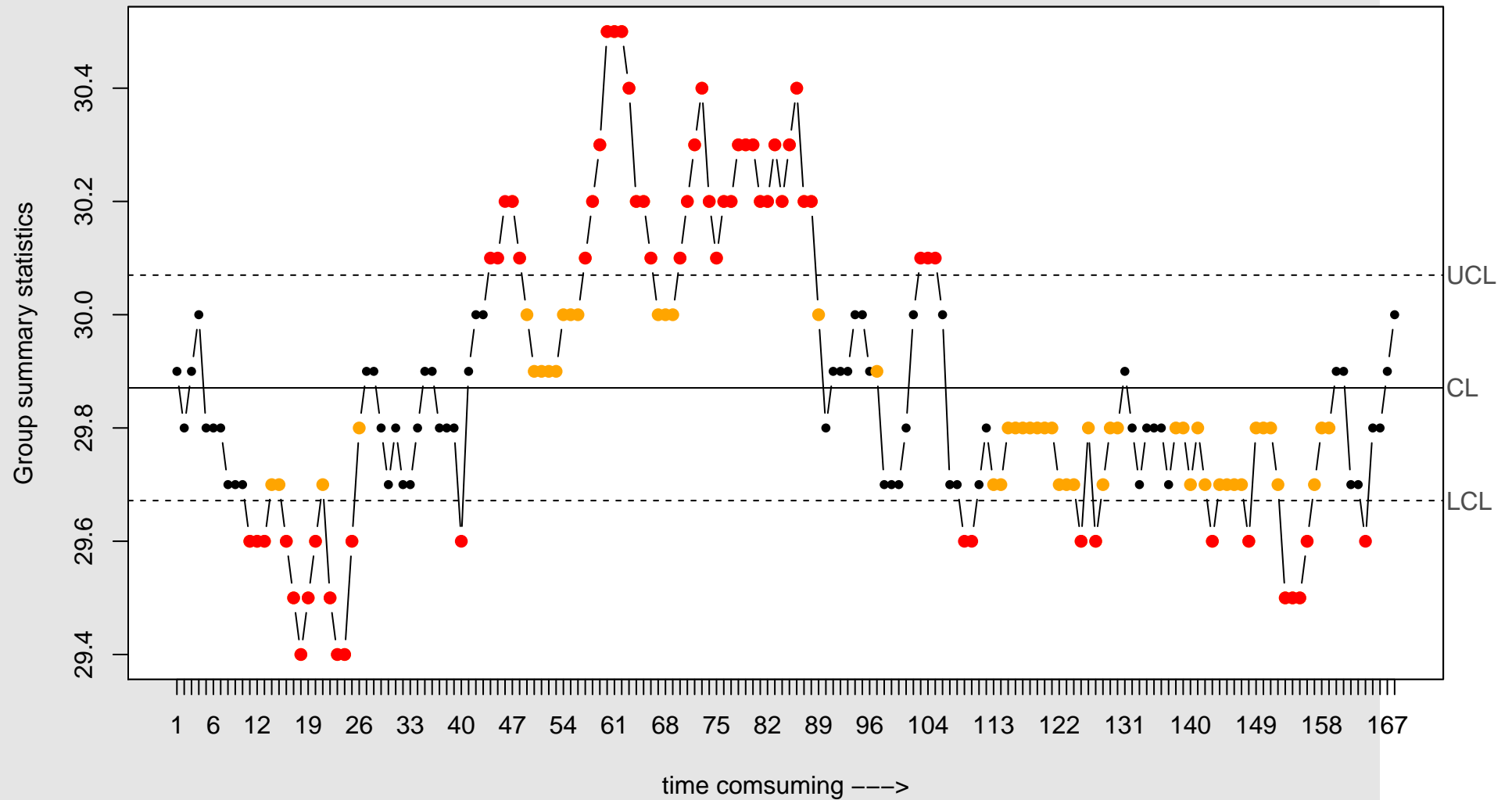


Number of groups = 168
 Center = 29.90476
 StdDev = 0.0907759

LCL = 29.63243
 UCL = 30.17709

Number beyond limits = 43
 Number violating runs = 89

160th column point of this product

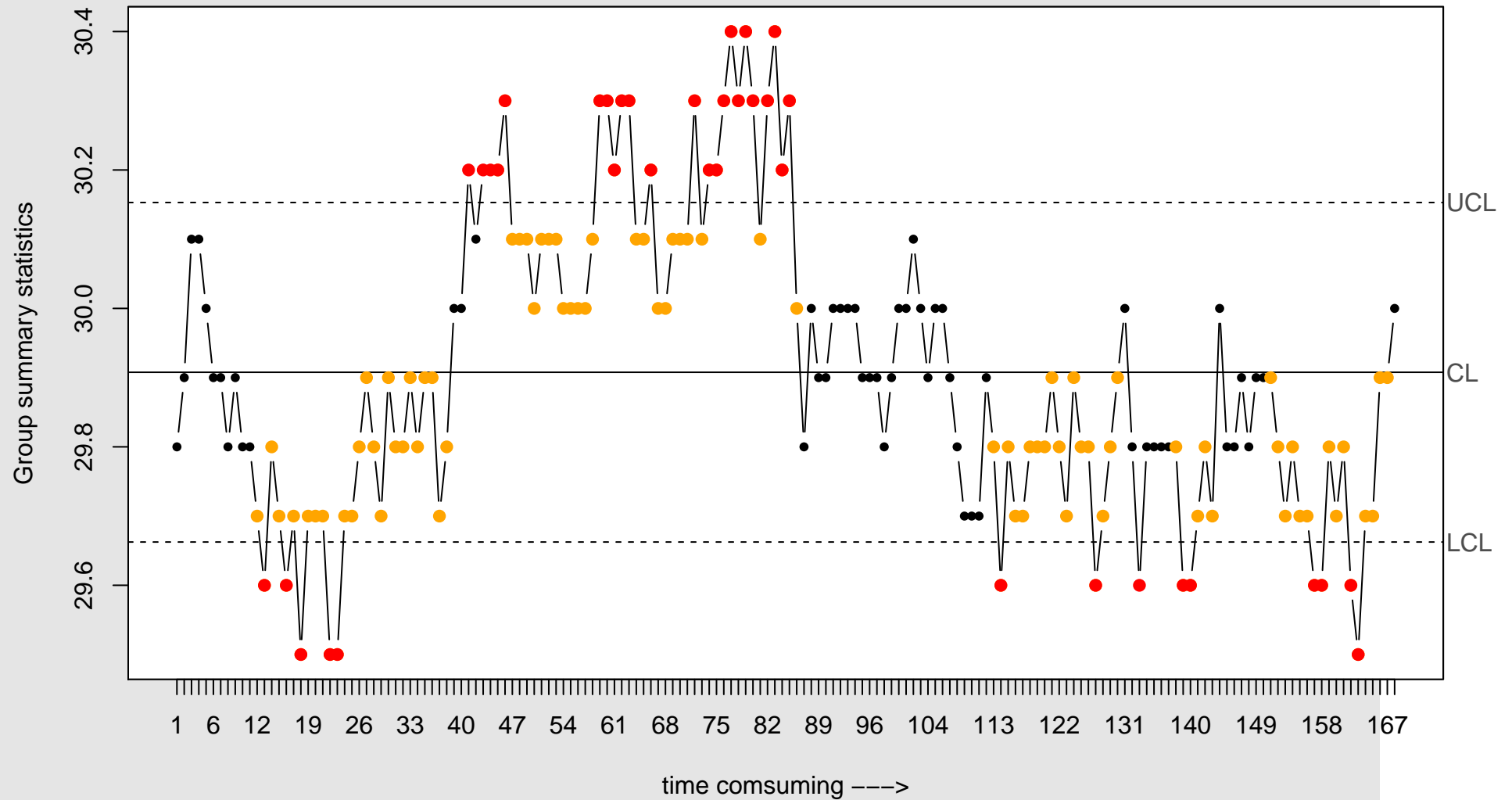


Number of groups = 168
 Center = 29.87083
 StdDev = 0.06635665

LCL = 29.67176
 UCL = 30.0699

Number beyond limits = 61
 Number violating runs = 100

161th column point of this product



Number of groups = 168

Center = 29.90774

StdDev = 0.08175139

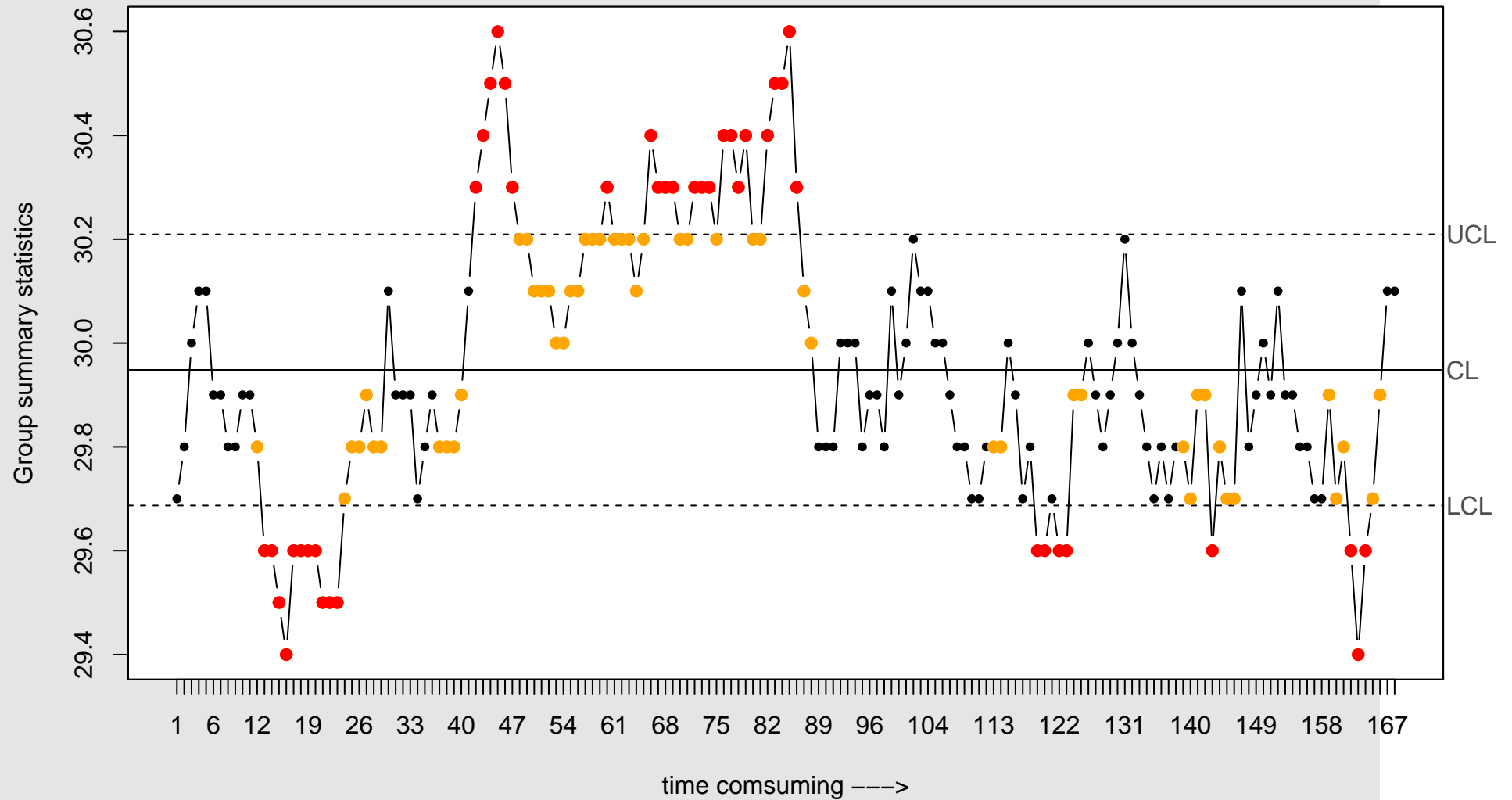
LCL = 29.66248

UCL = 30.15299

Number beyond limits = 37

Number violating runs = 110

162th column point of this product

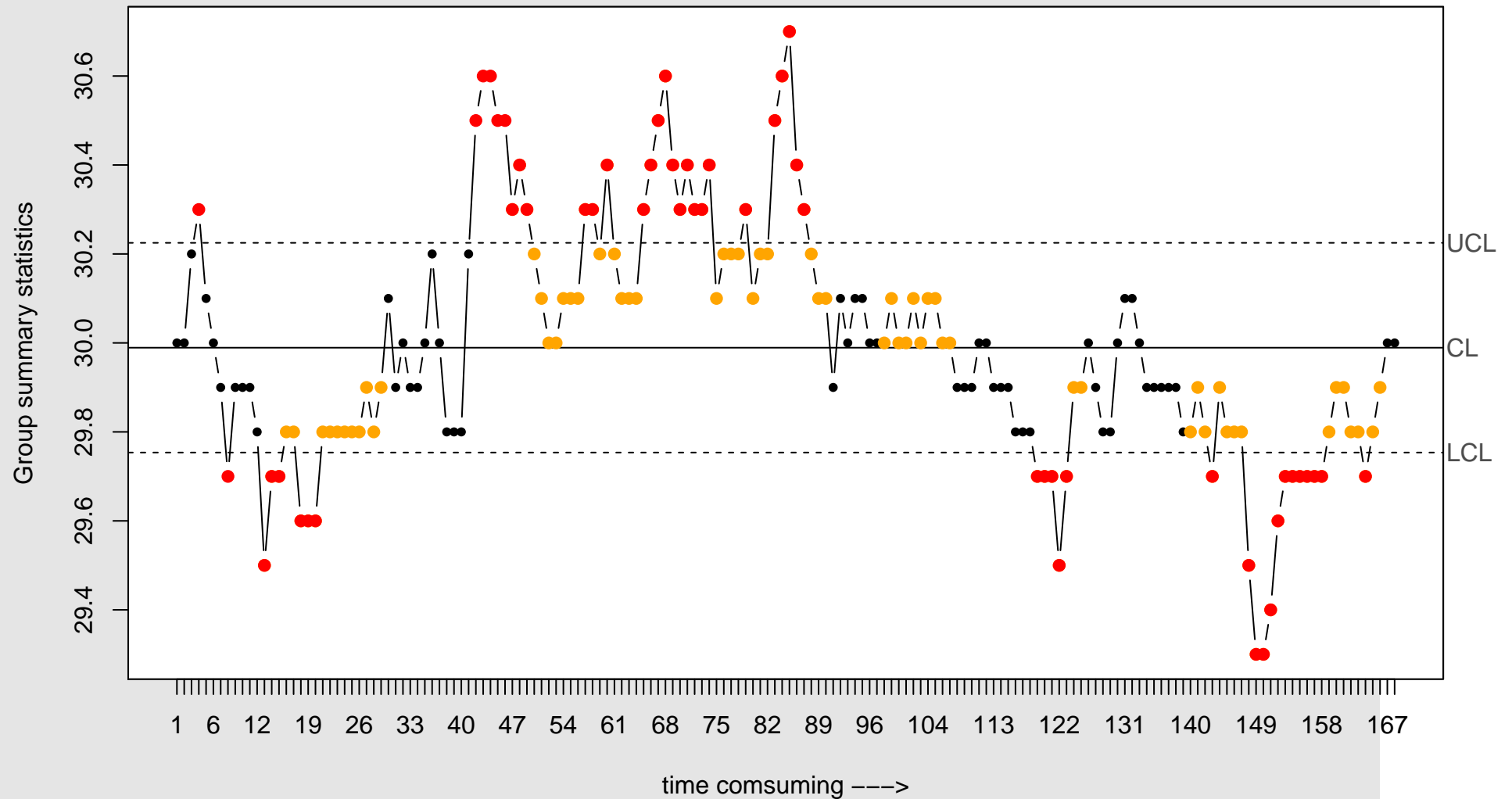


Number of groups = 168
Center = 29.94821
StdDev = 0.08705992

LCL = 29.68703
UCL = 30.20939

Number beyond limits = 42
Number violating runs = 86

163th column point of this product

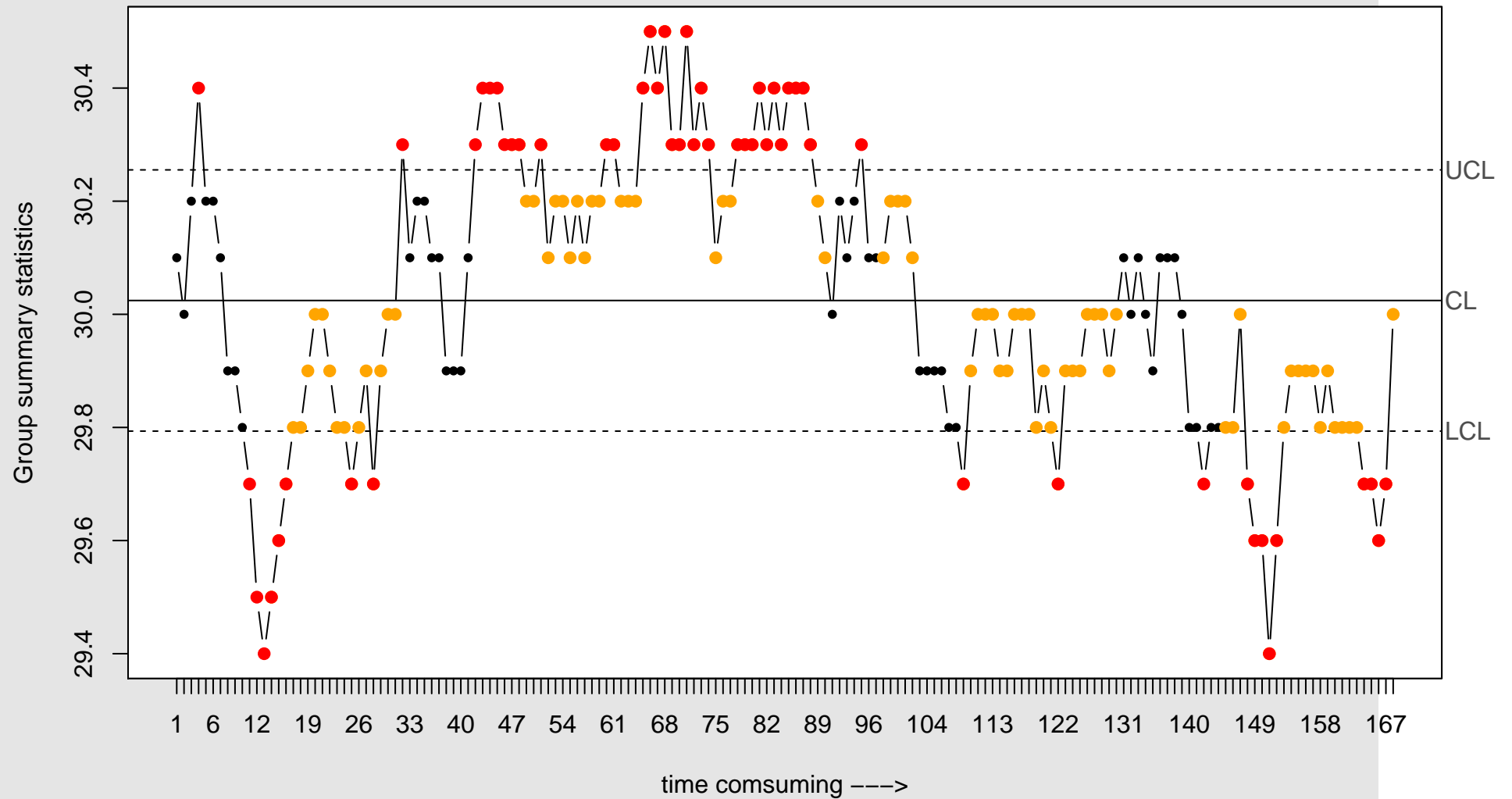


Number of groups = 168
Center = 29.98929
StdDev = 0.07856627

LCL = 29.75359
UCL = 30.22498

Number beyond limits = 53
Number violating runs = 105

164th column point of this product

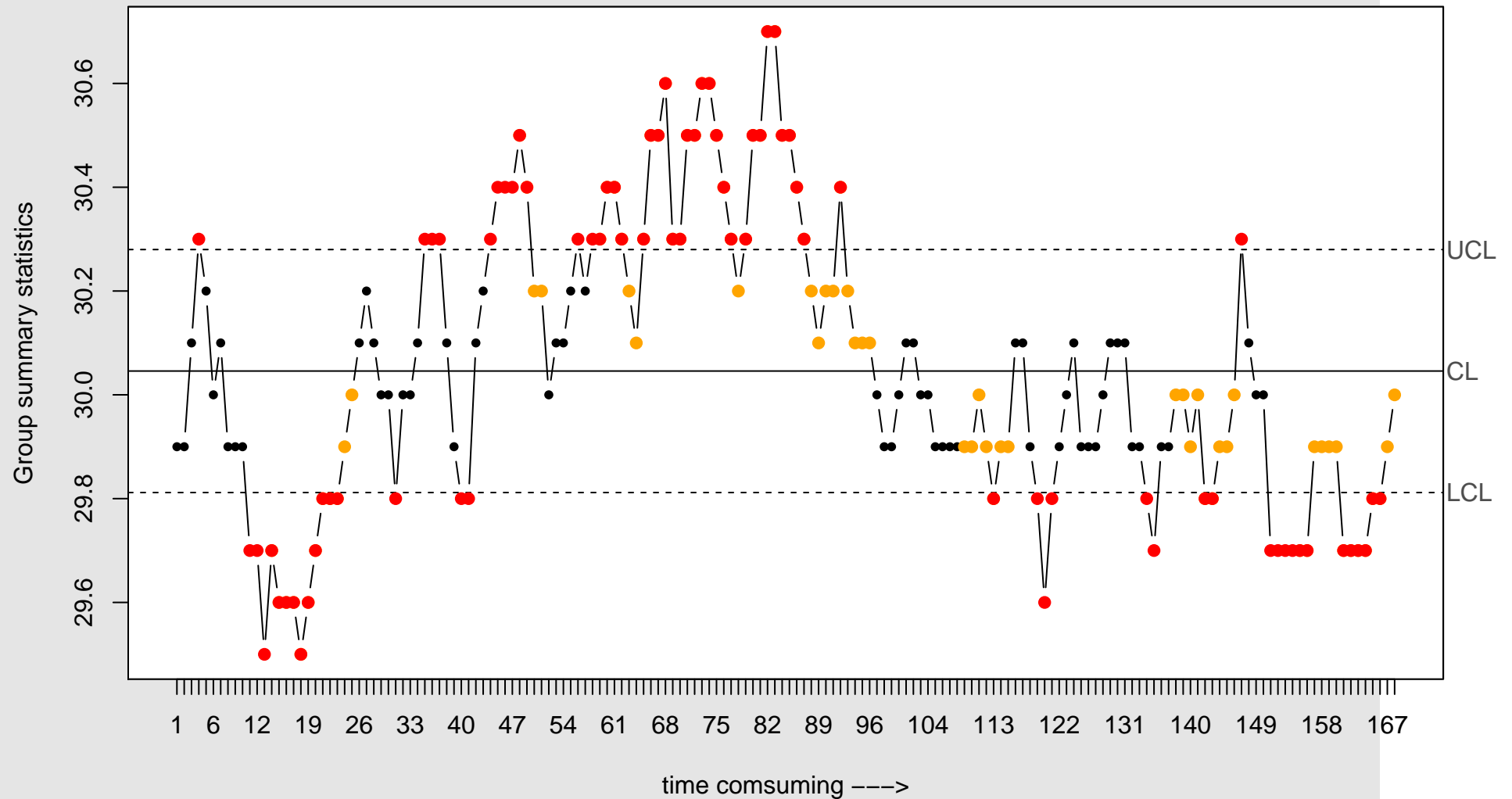


Number of groups = 168
Center = 30.0244
StdDev = 0.07697371

LCL = 29.79348
UCL = 30.25533

Number beyond limits = 54
Number violating runs = 113

165th column point of this product

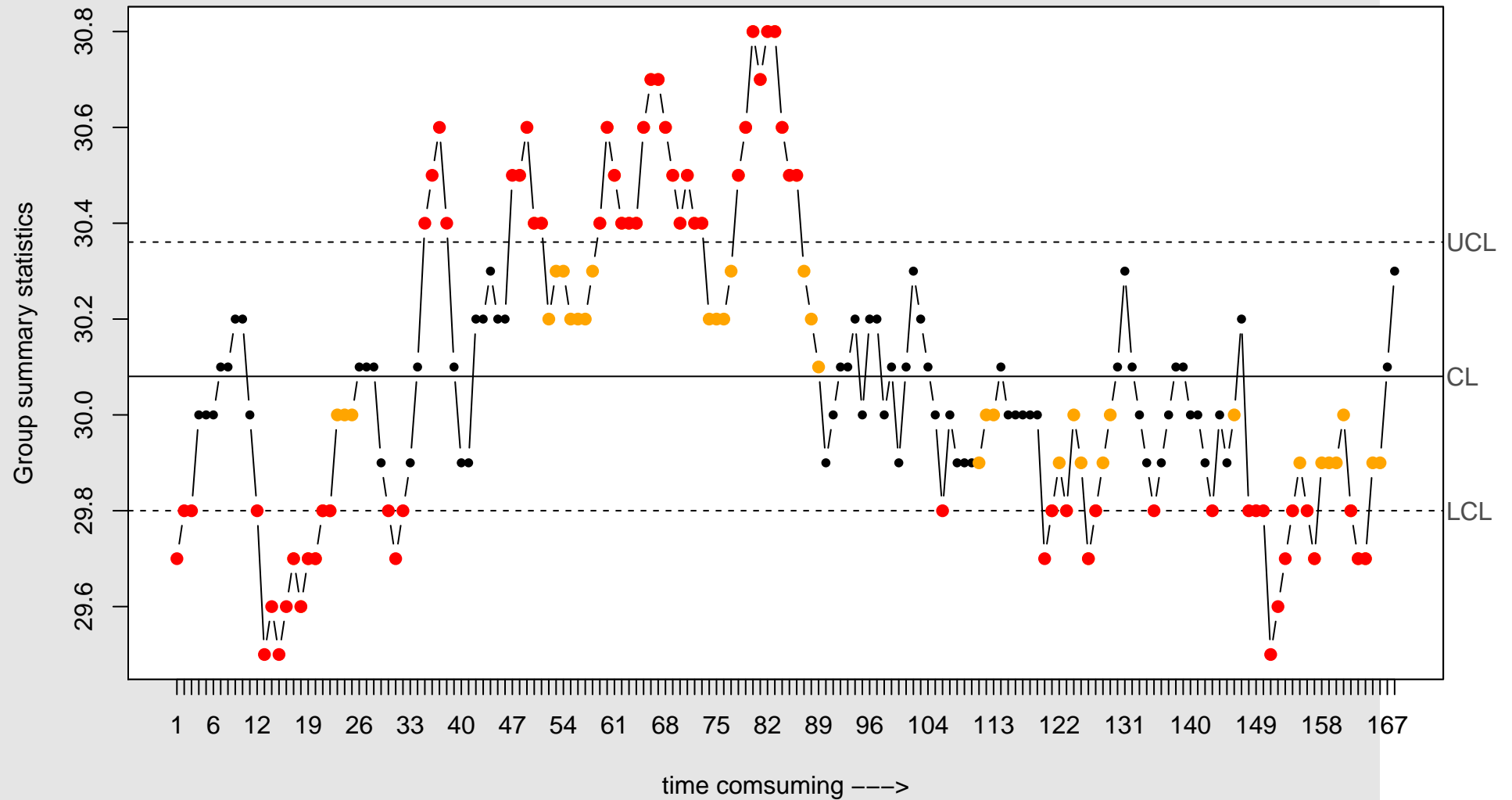


Number of groups = 168
Center = 30.04583
StdDev = 0.07803542

LCL = 29.81173
UCL = 30.27994

Number beyond limits = 76
Number violating runs = 84

166th column point of this product



Number of groups = 168

Center = 30.08036

StdDev = 0.09343016

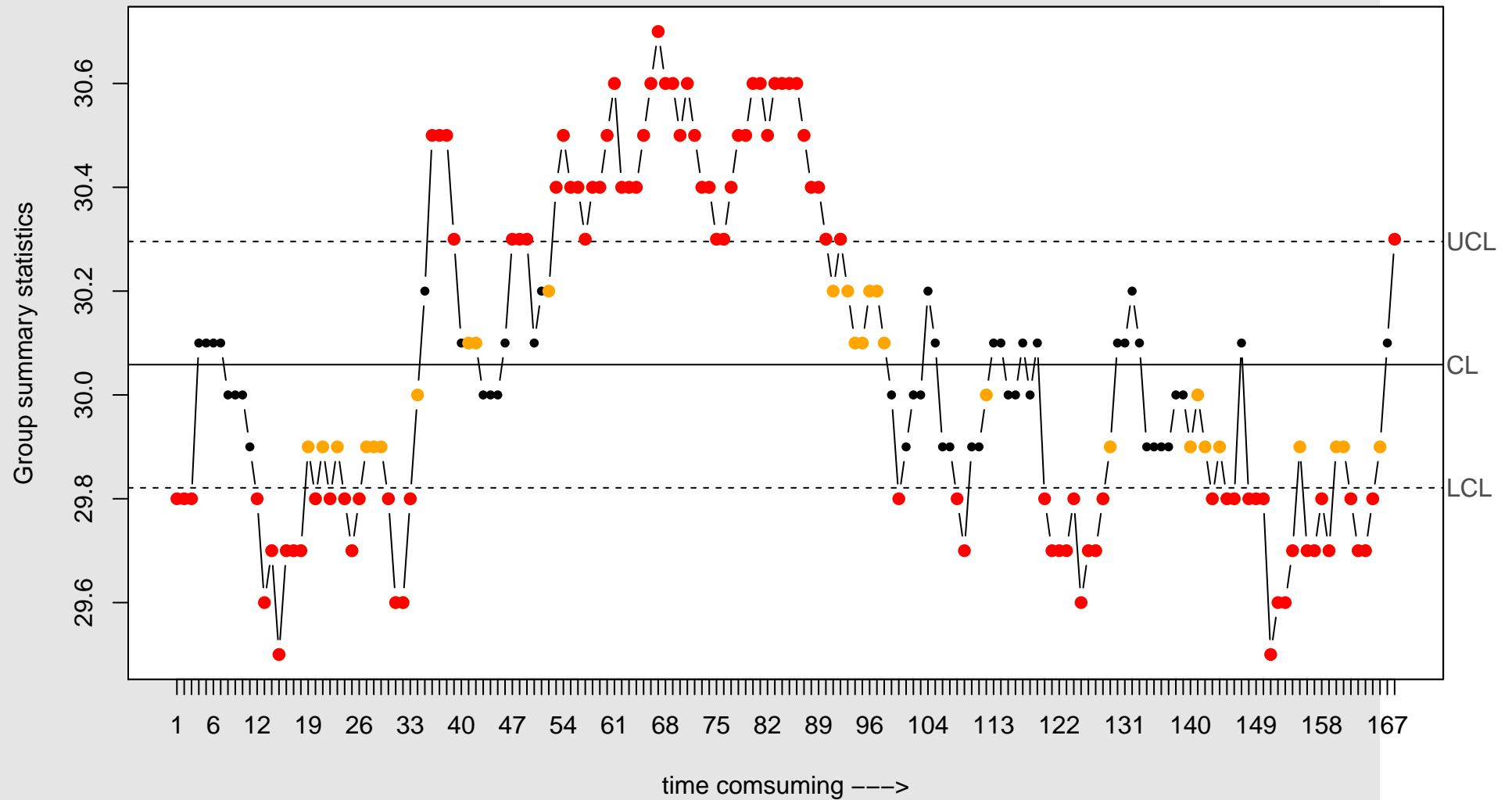
LCL = 29.80007

UCL = 30.36065

Number beyond limits = 70

Number violating runs = 77

167th column point of this product

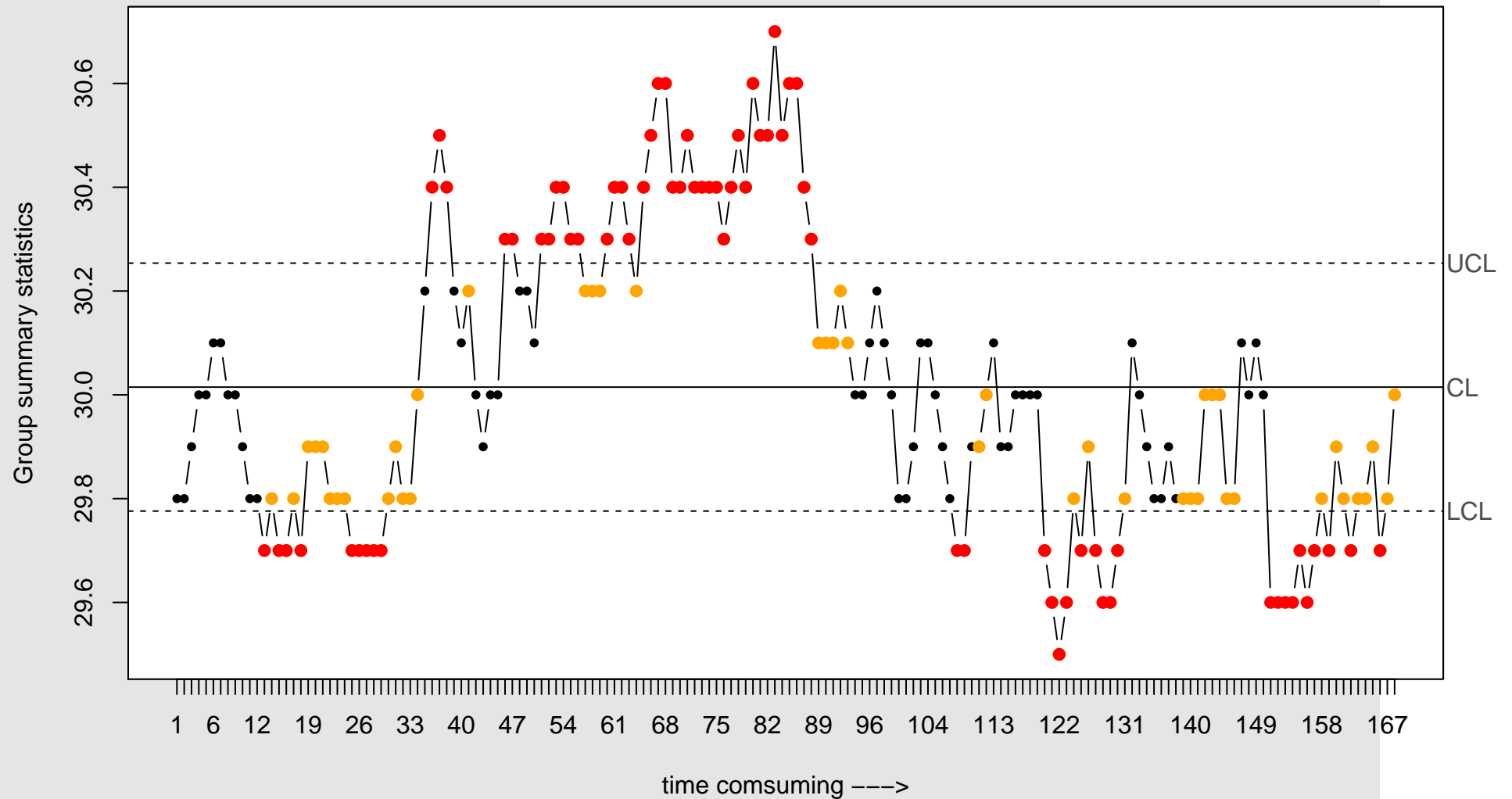


Number of groups = 168
Center = 30.05833
StdDev = 0.07909712

LCL = 29.82104
UCL = 30.29562

Number beyond limits = 96
Number violating runs = 95

168th column point of this product

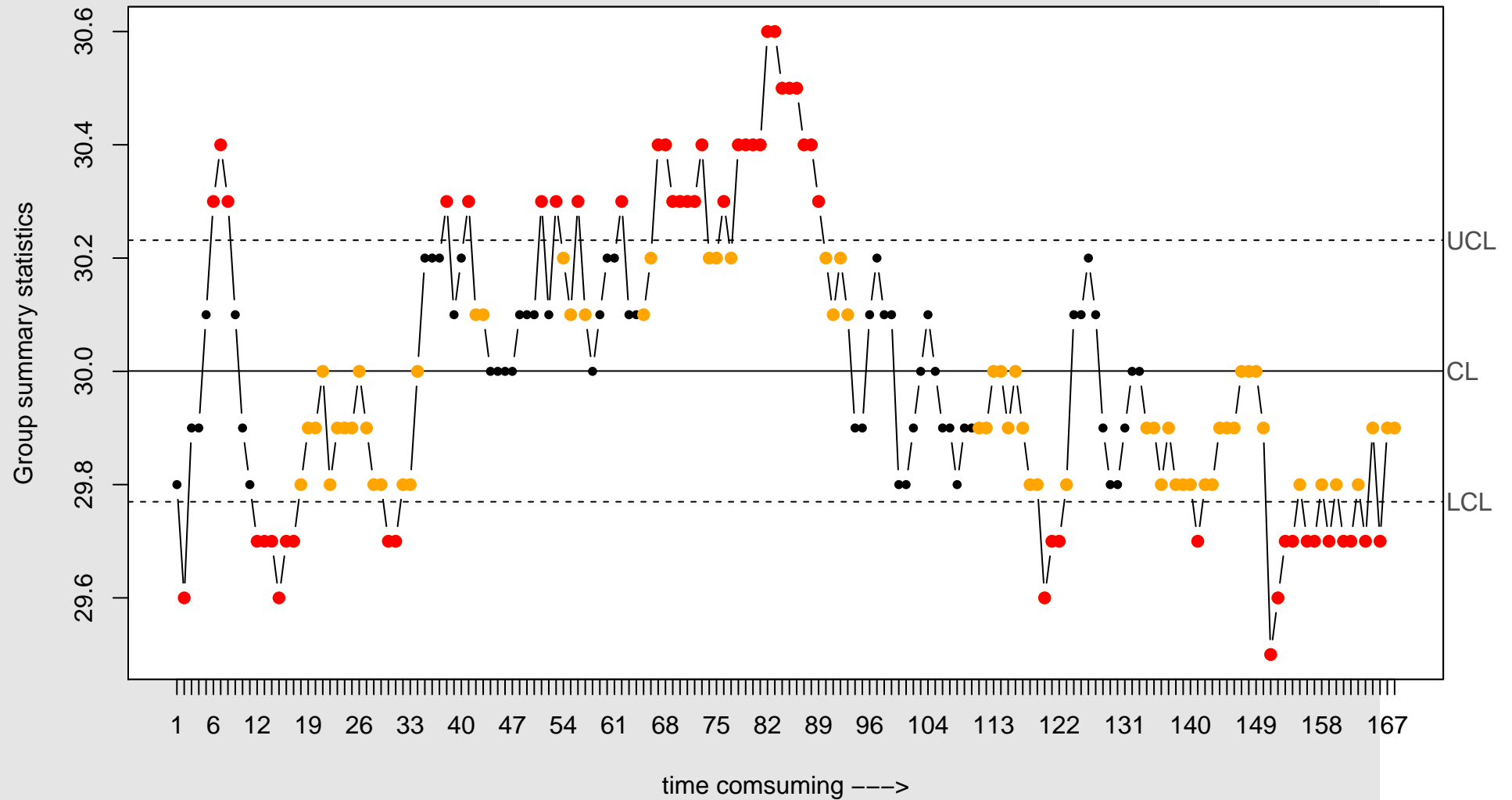


Number of groups = 168
Center = 30.01488
StdDev = 0.07962798

LCL = 29.776
UCL = 30.25376

Number beyond limits = 69
Number violating runs = 99

169th column point of this product



Number of groups = 168

Center = 30.0006

StdDev = 0.07697371

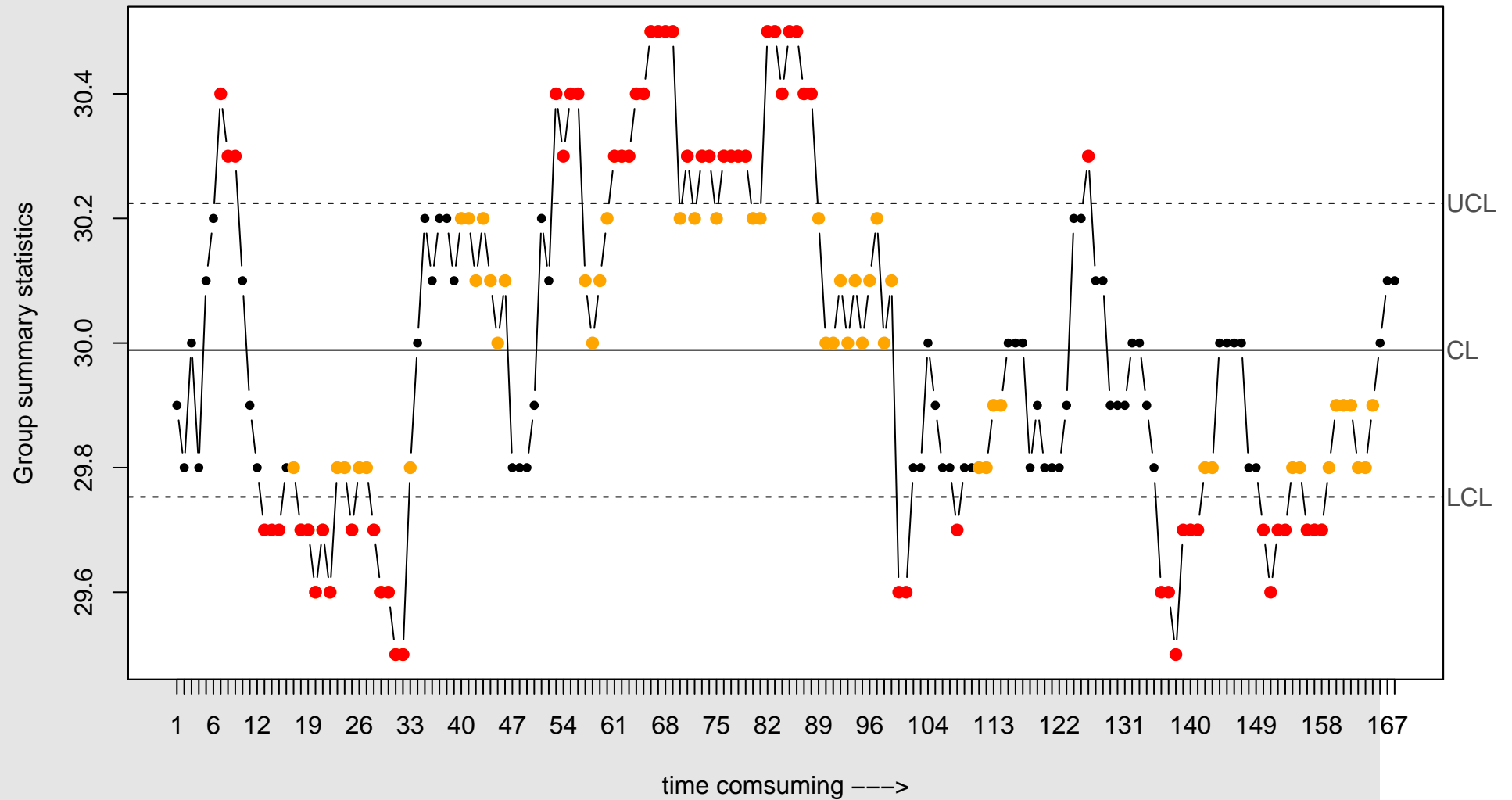
LCL = 29.76967

UCL = 30.23152

Number beyond limits = 53

Number violating runs = 103

170th column point of this product

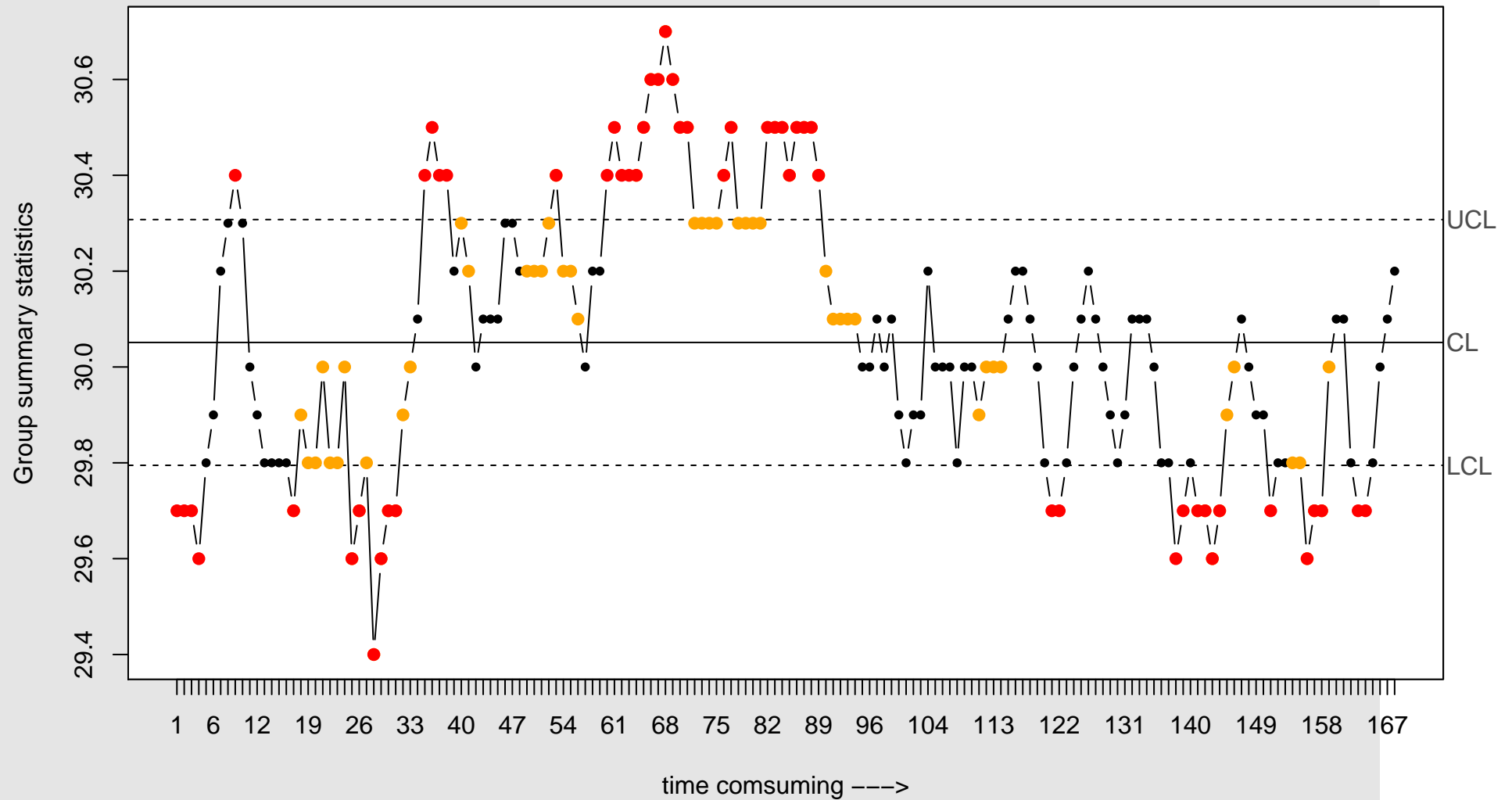


Number of groups = 168
Center = 29.98869
StdDev = 0.07856627

LCL = 29.75299
UCL = 30.22439

Number beyond limits = 61
Number violating runs = 87

171th column point of this product

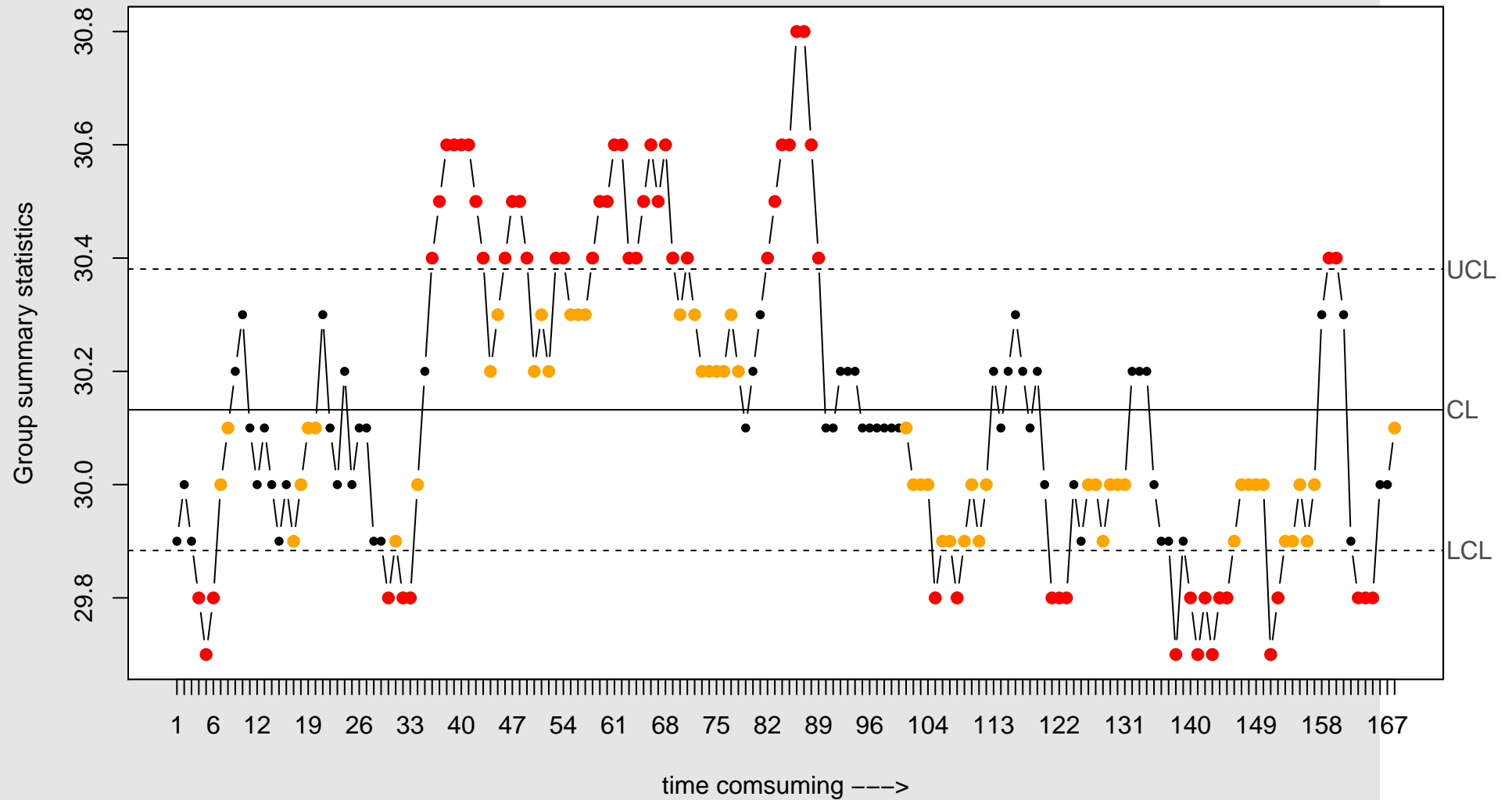


Number of groups = 168
Center = 30.05119
StdDev = 0.08546736

LCL = 29.79479
UCL = 30.30759

Number beyond limits = 53
Number violating runs = 74

172th column point of this product



Number of groups = 168

Center = 30.13214

StdDev = 0.0828131

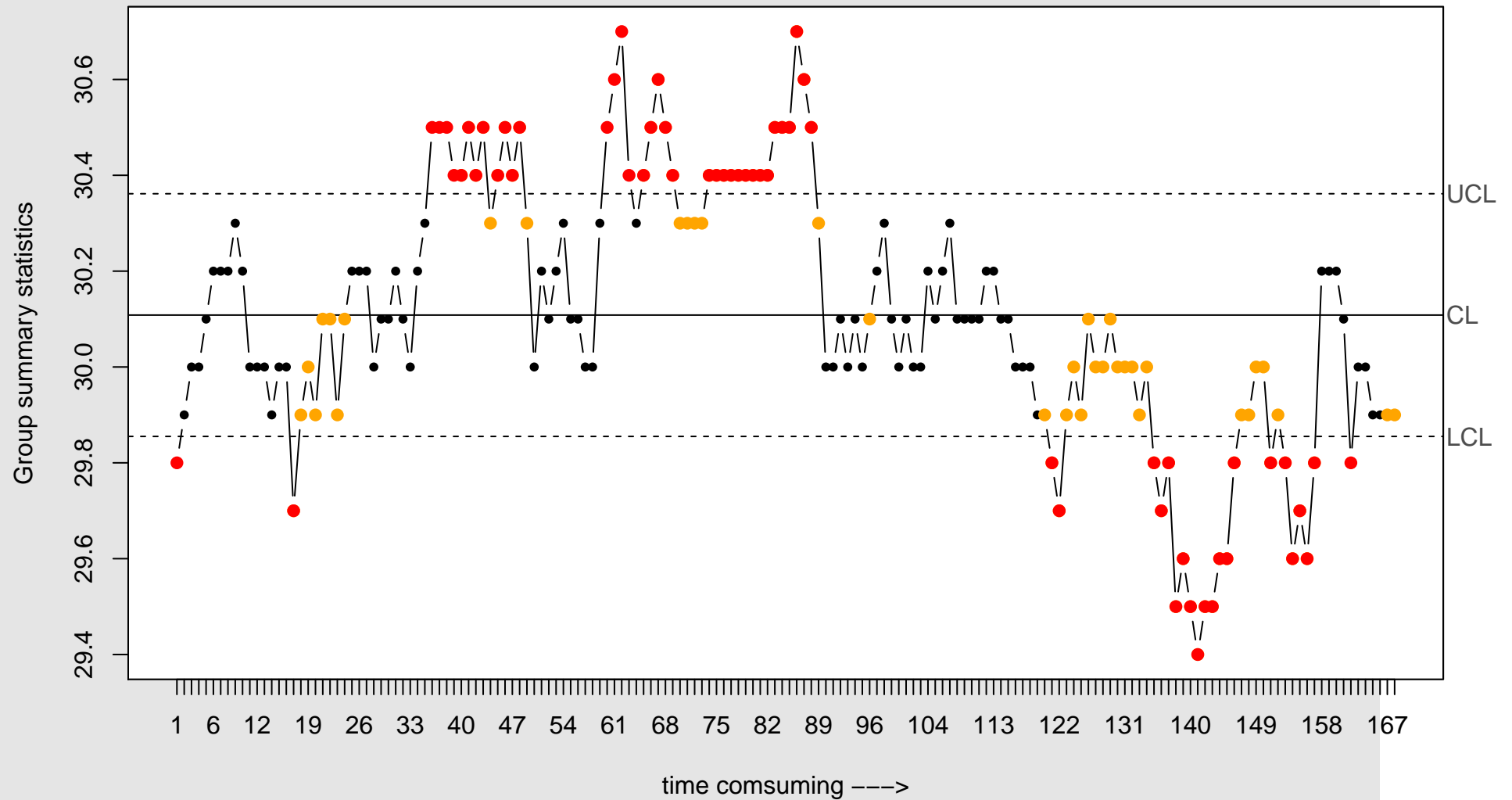
LCL = 29.8837

UCL = 30.38058

Number beyond limits = 60

Number violating runs = 88

173th column point of this product



Number of groups = 168

Center = 30.10833

StdDev = 0.08440566

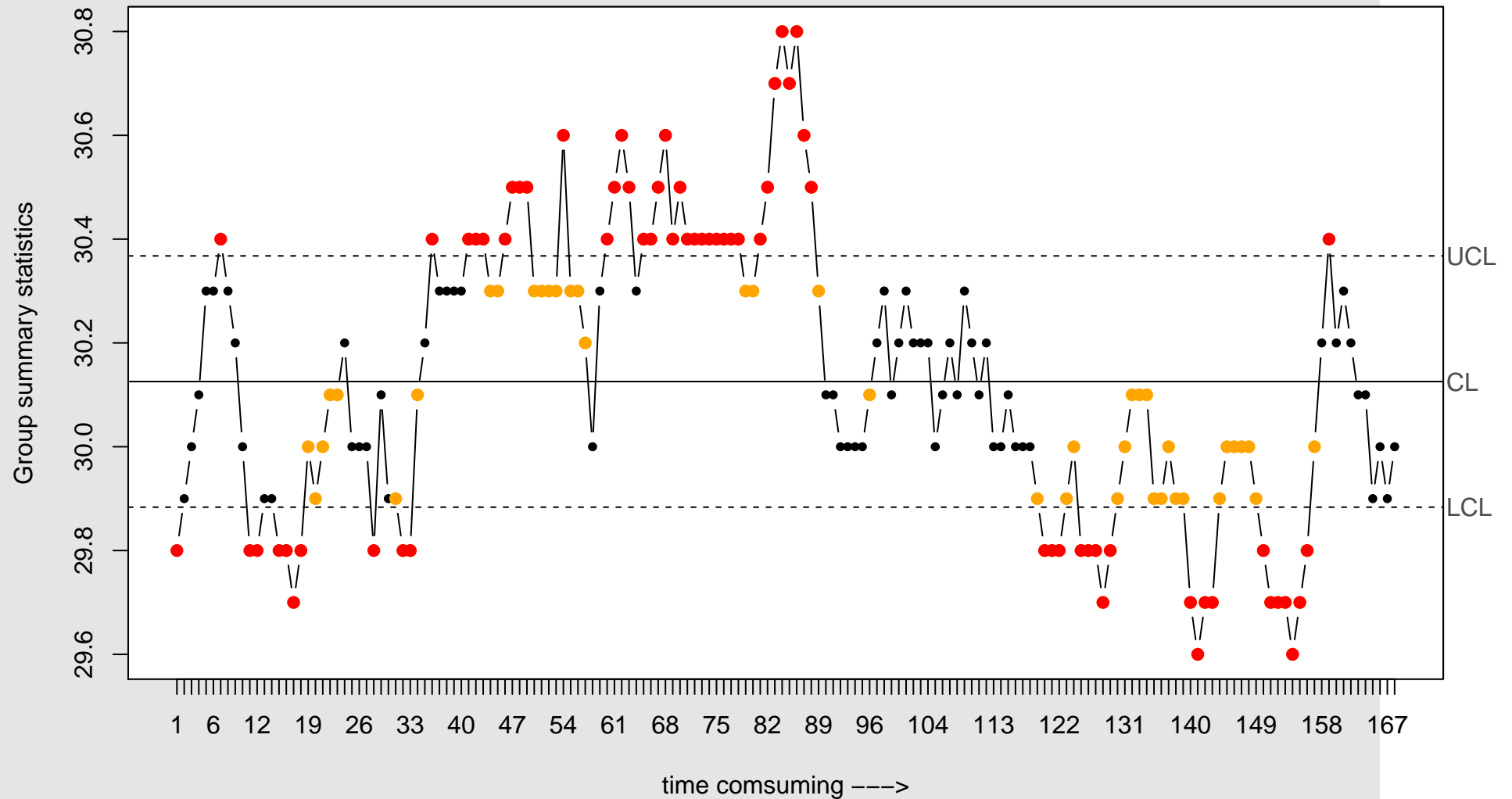
LCL = 29.85512

UCL = 30.36155

Number beyond limits = 59

Number violating runs = 84

174th column point of this product

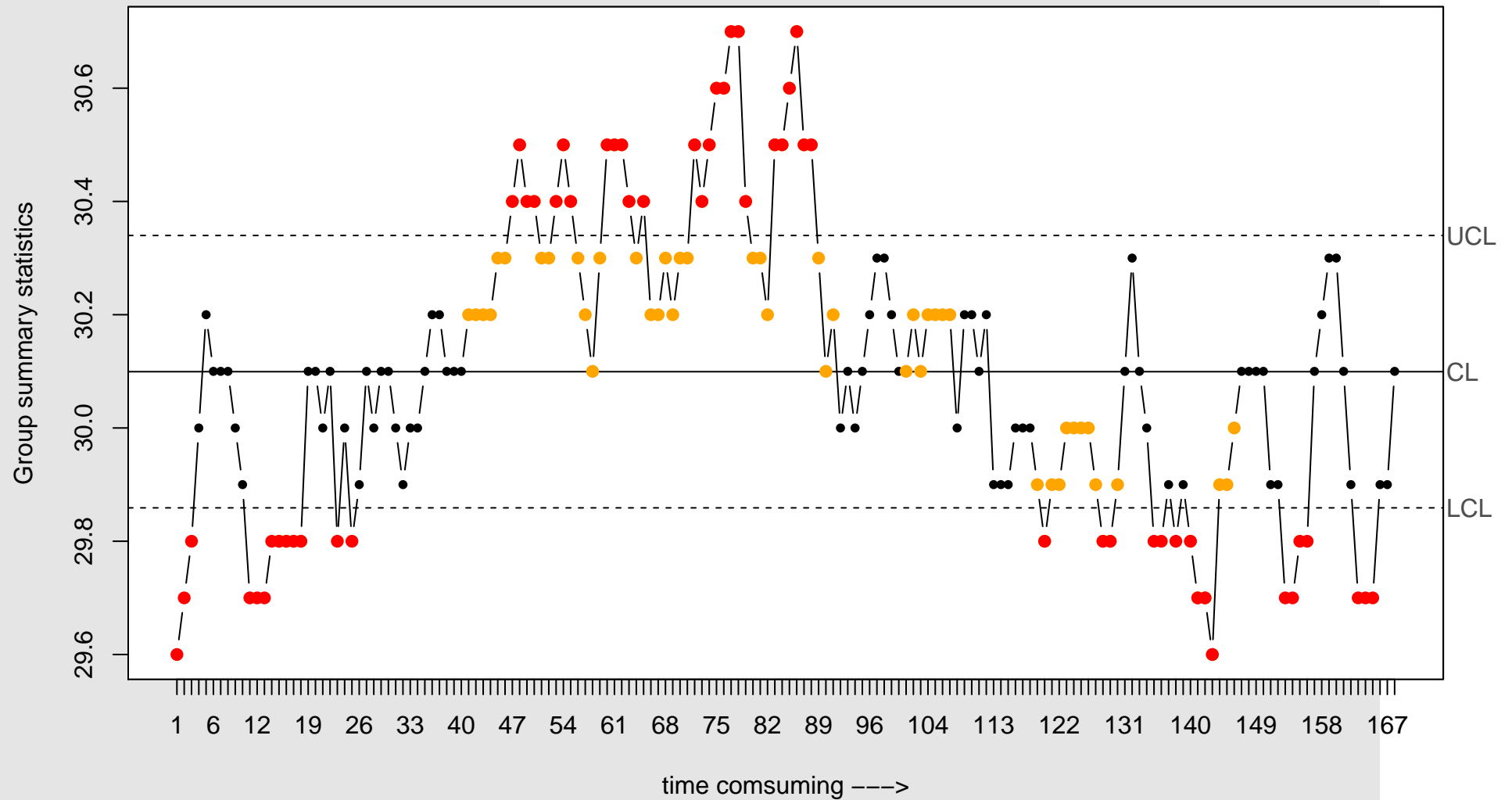


Number of groups = 168
Center = 30.1256
StdDev = 0.08068968

LCL = 29.88353
UCL = 30.36766

Number beyond limits = 66
Number violating runs = 94

175th column point of this product

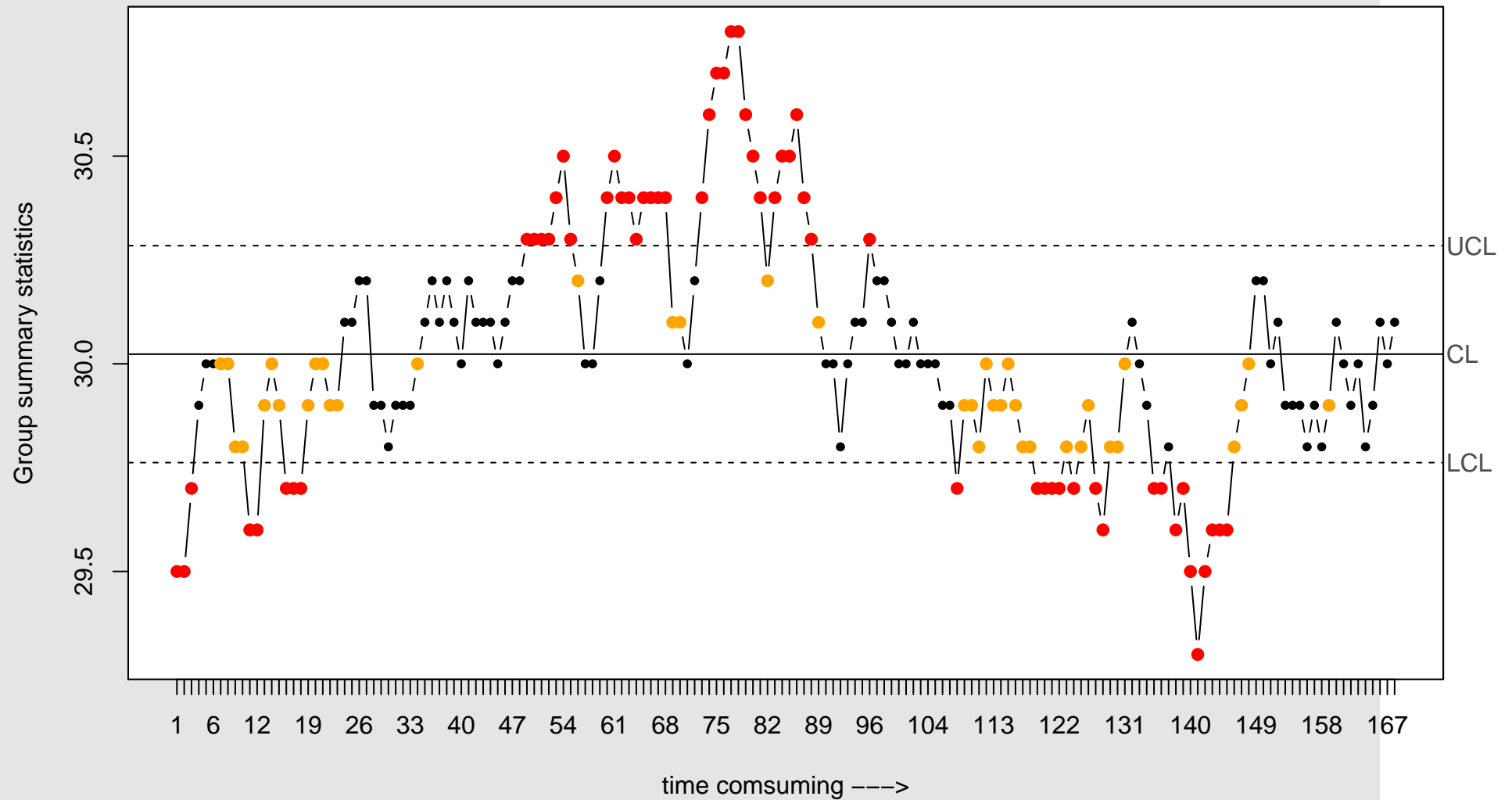


Number of groups = 168
Center = 30.0994
StdDev = 0.08015883

LCL = 29.85893
UCL = 30.33988

Number beyond limits = 56
Number violating runs = 81

176th column point of this product



Number of groups = 168

Center = 30.02321

StdDev = 0.08705992

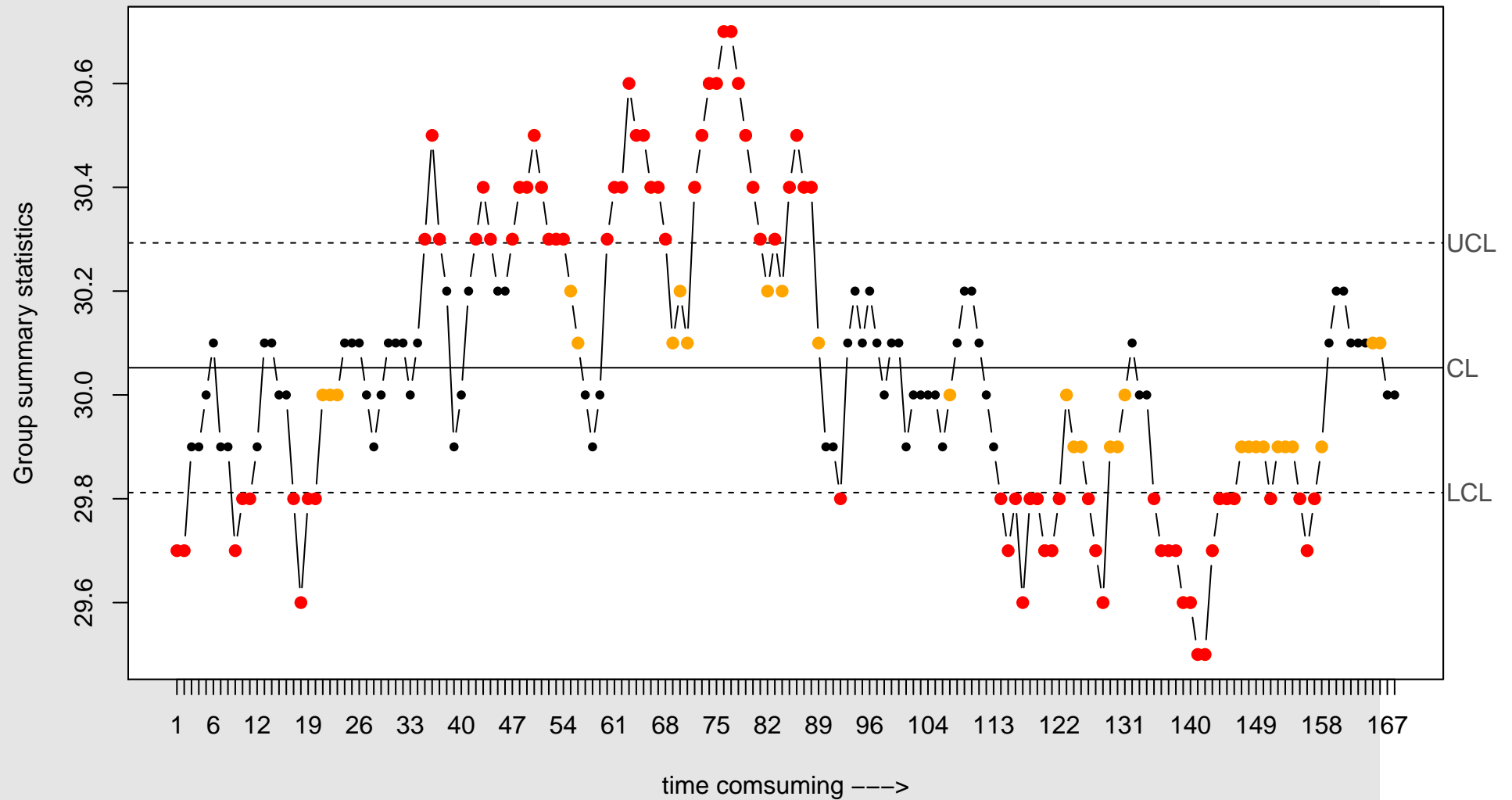
LCL = 29.76203

UCL = 30.28439

Number beyond limits = 58

Number violating runs = 75

177th column point of this product



Number of groups = 168

Center = 30.05238

StdDev = 0.08015883

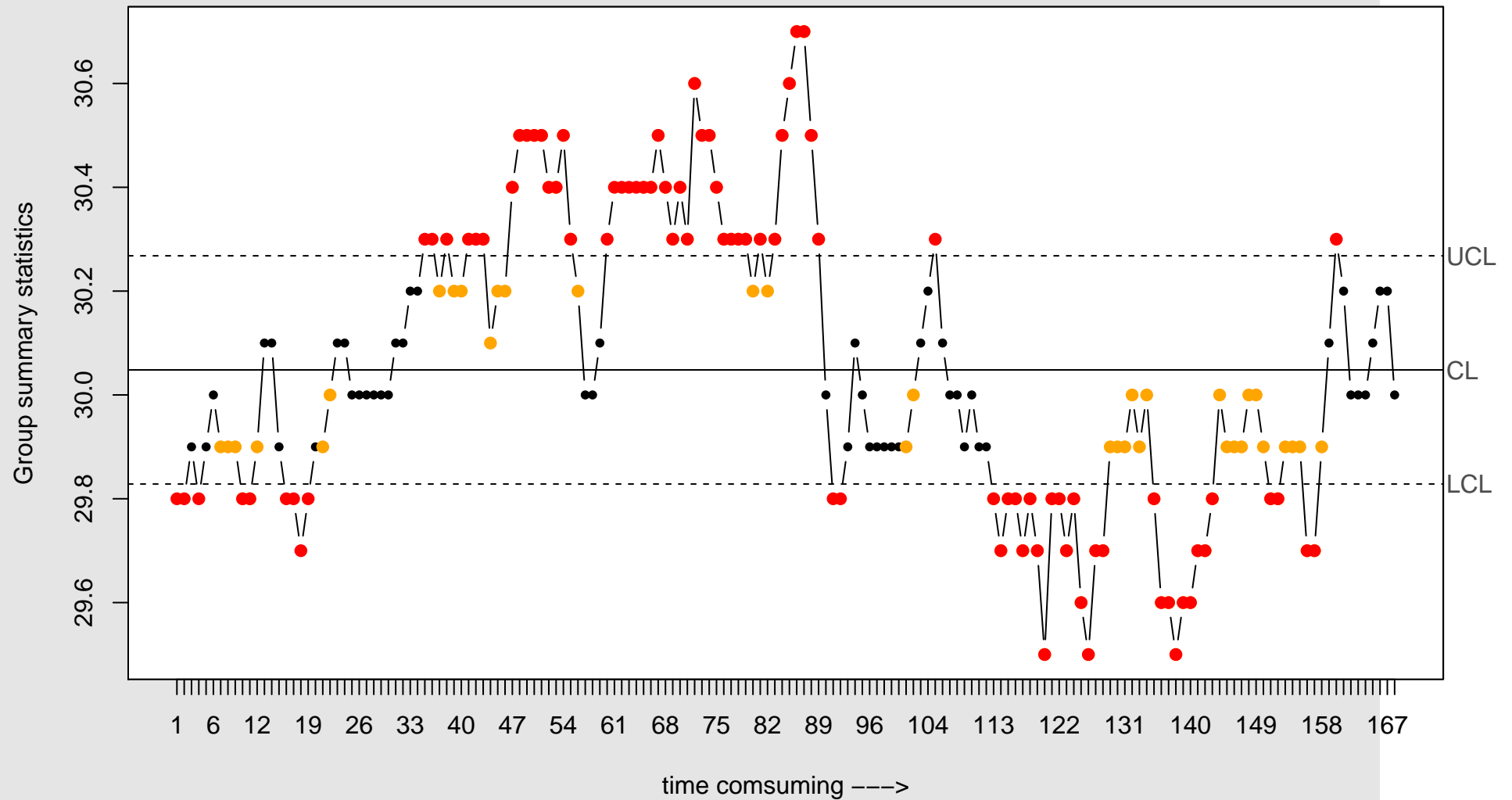
LCL = 29.8119

UCL = 30.29286

Number beyond limits = 76

Number violating runs = 74

178th column point of this product

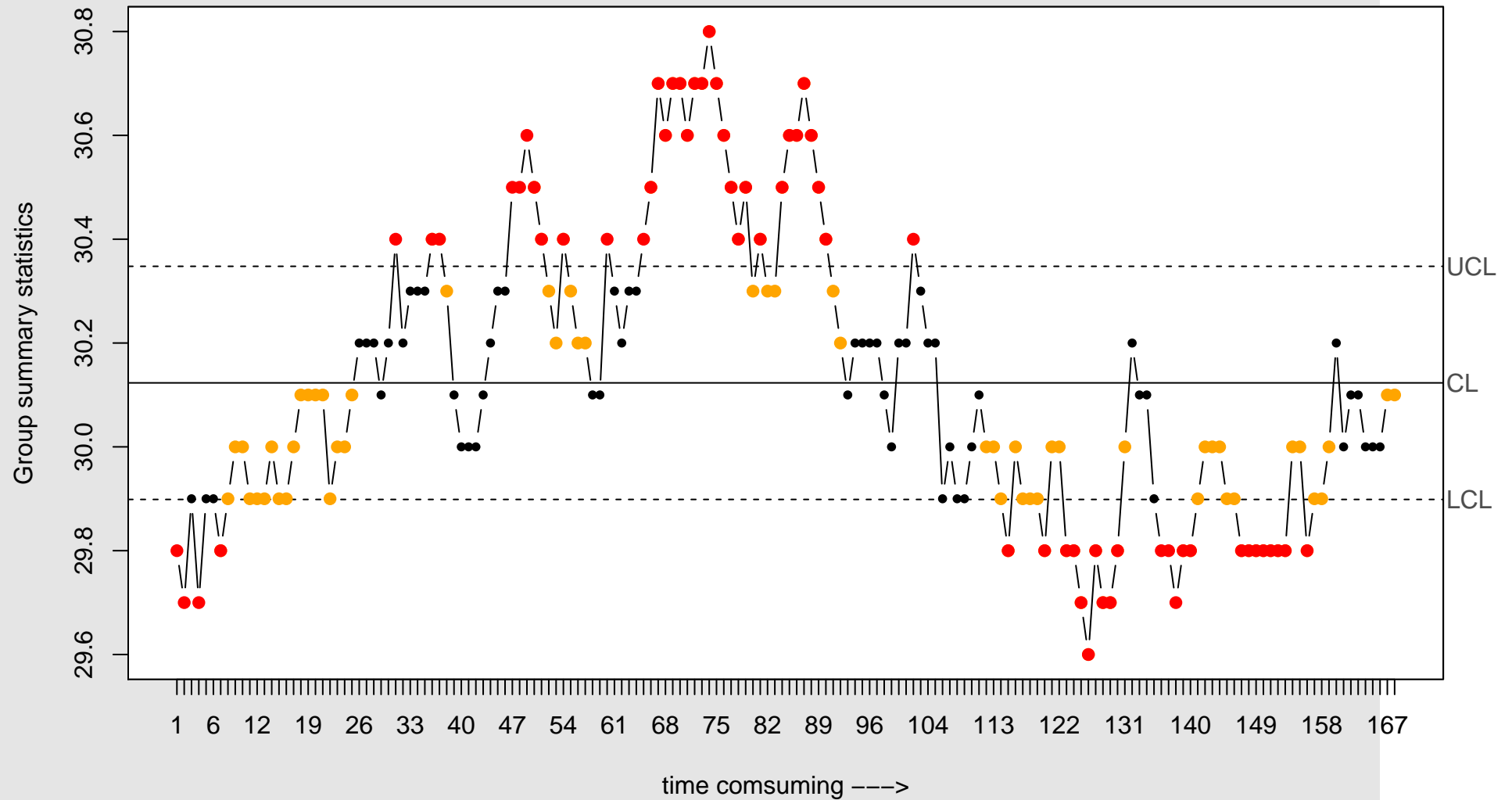


Number of groups = 168
Center = 30.04821
StdDev = 0.07325774

LCL = 29.82844
UCL = 30.26799

Number beyond limits = 85
Number violating runs = 101

179th column point of this product



Number of groups = 168

Center = 30.12321

StdDev = 0.0748503

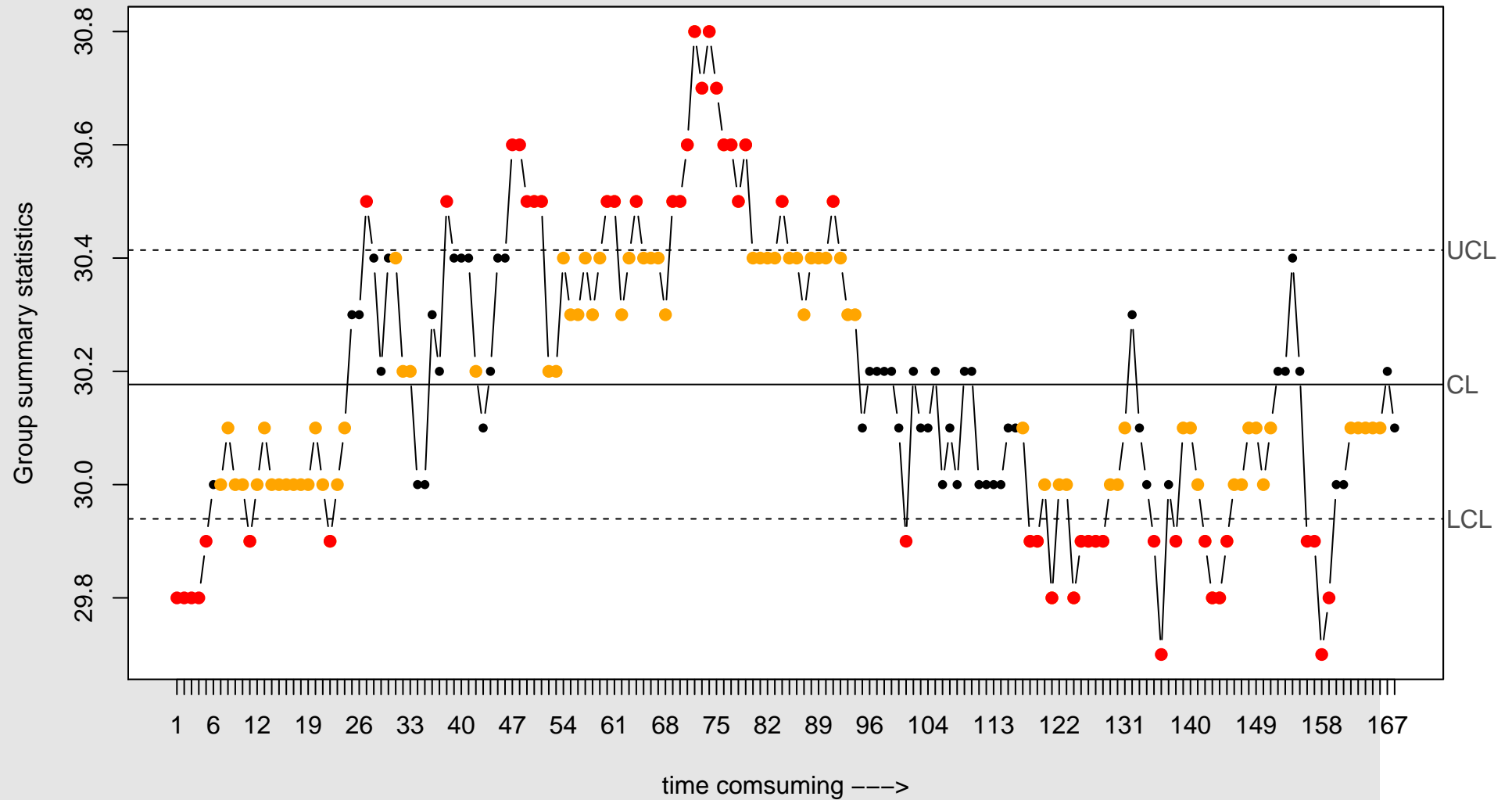
LCL = 29.89866

UCL = 30.34777

Number beyond limits = 61

Number violating runs = 100

180th column point of this product



Number of groups = 168

Center = 30.17679

StdDev = 0.07909712

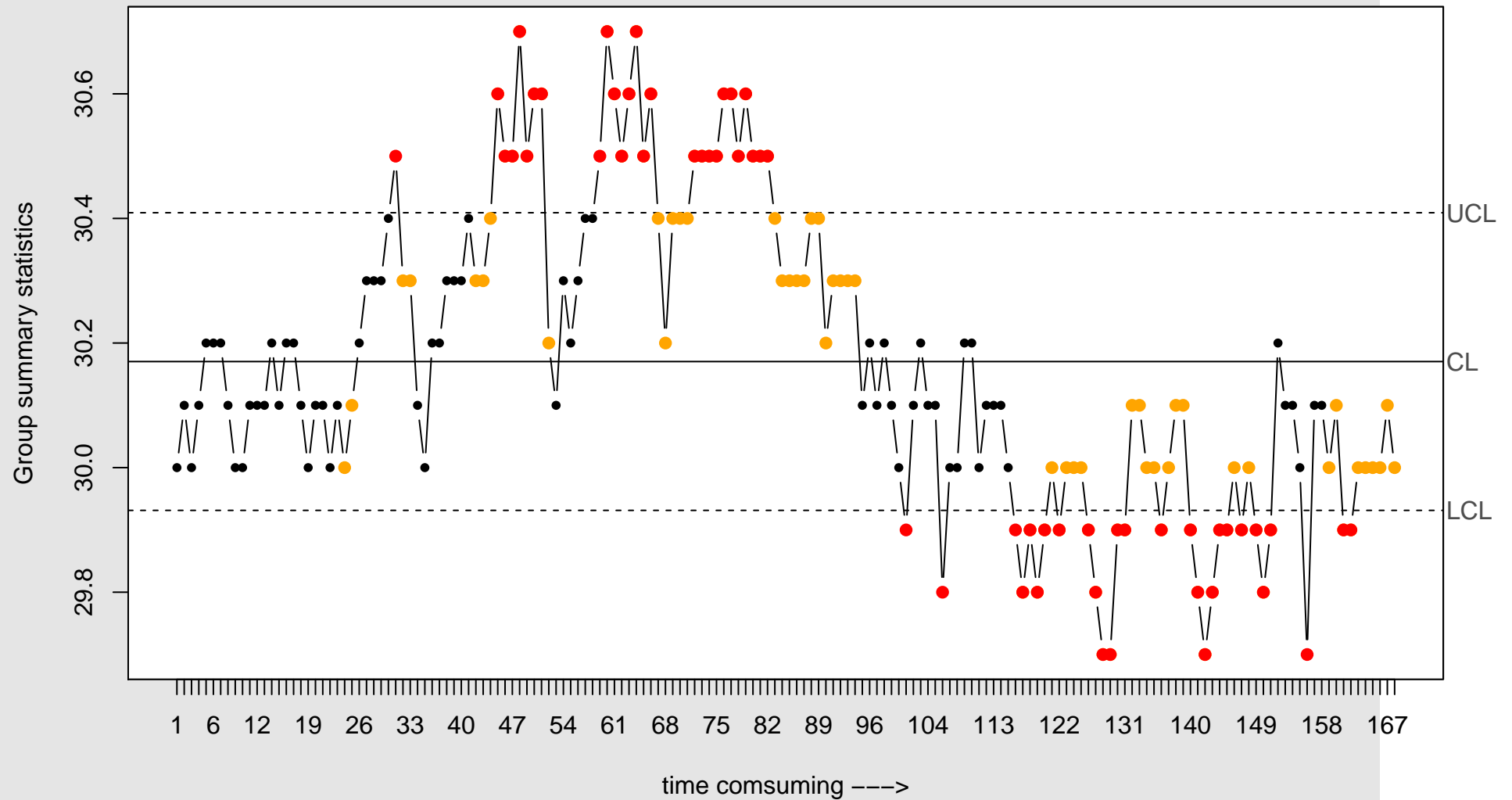
LCL = 29.93949

UCL = 30.41408

Number beyond limits = 50

Number violating runs = 100

181th column point of this product



Number of groups = 168

Center = 30.17024

StdDev = 0.07962798

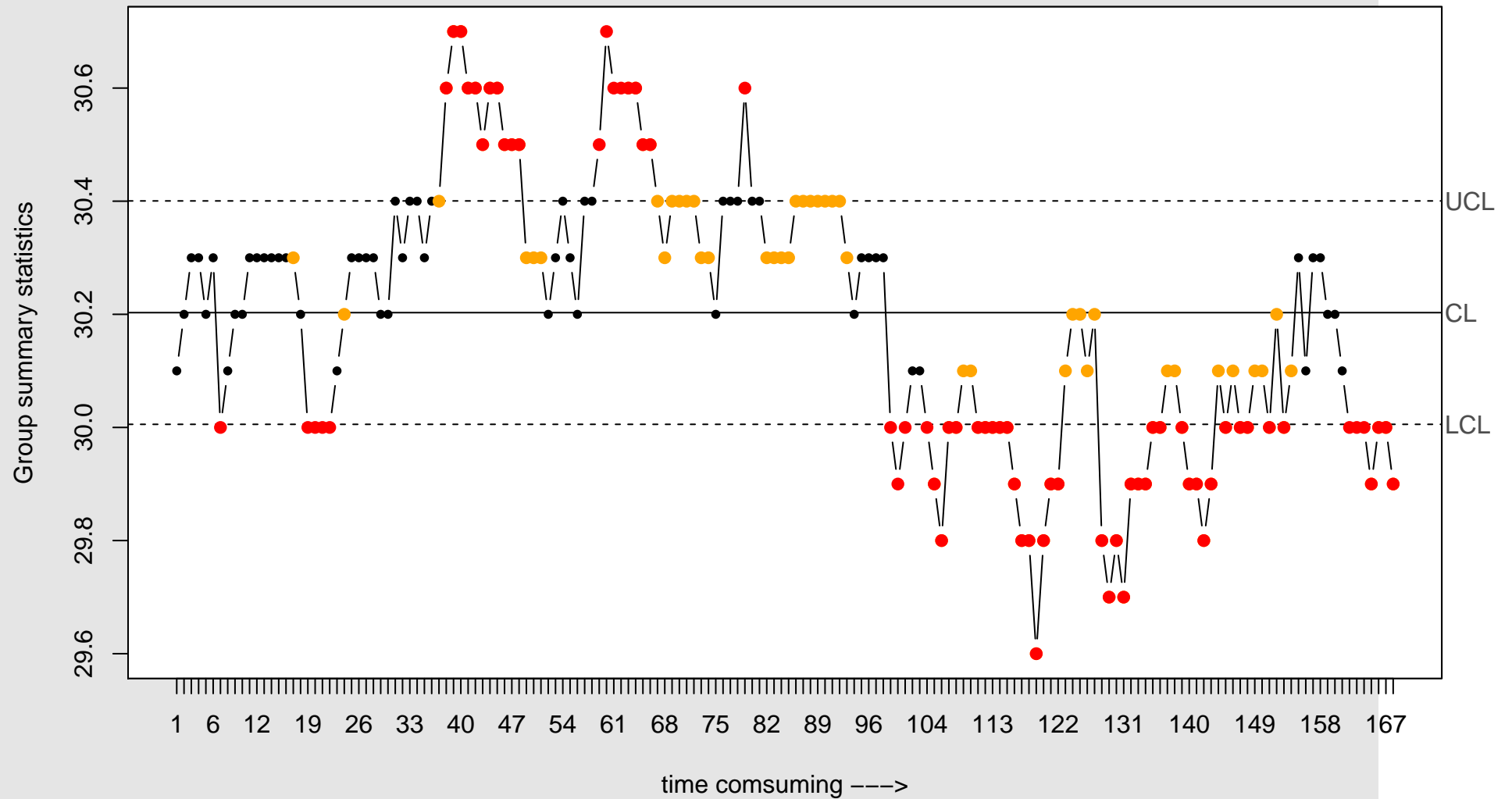
LCL = 29.93135

UCL = 30.40912

Number beyond limits = 55

Number violating runs = 95

182th column point of this product

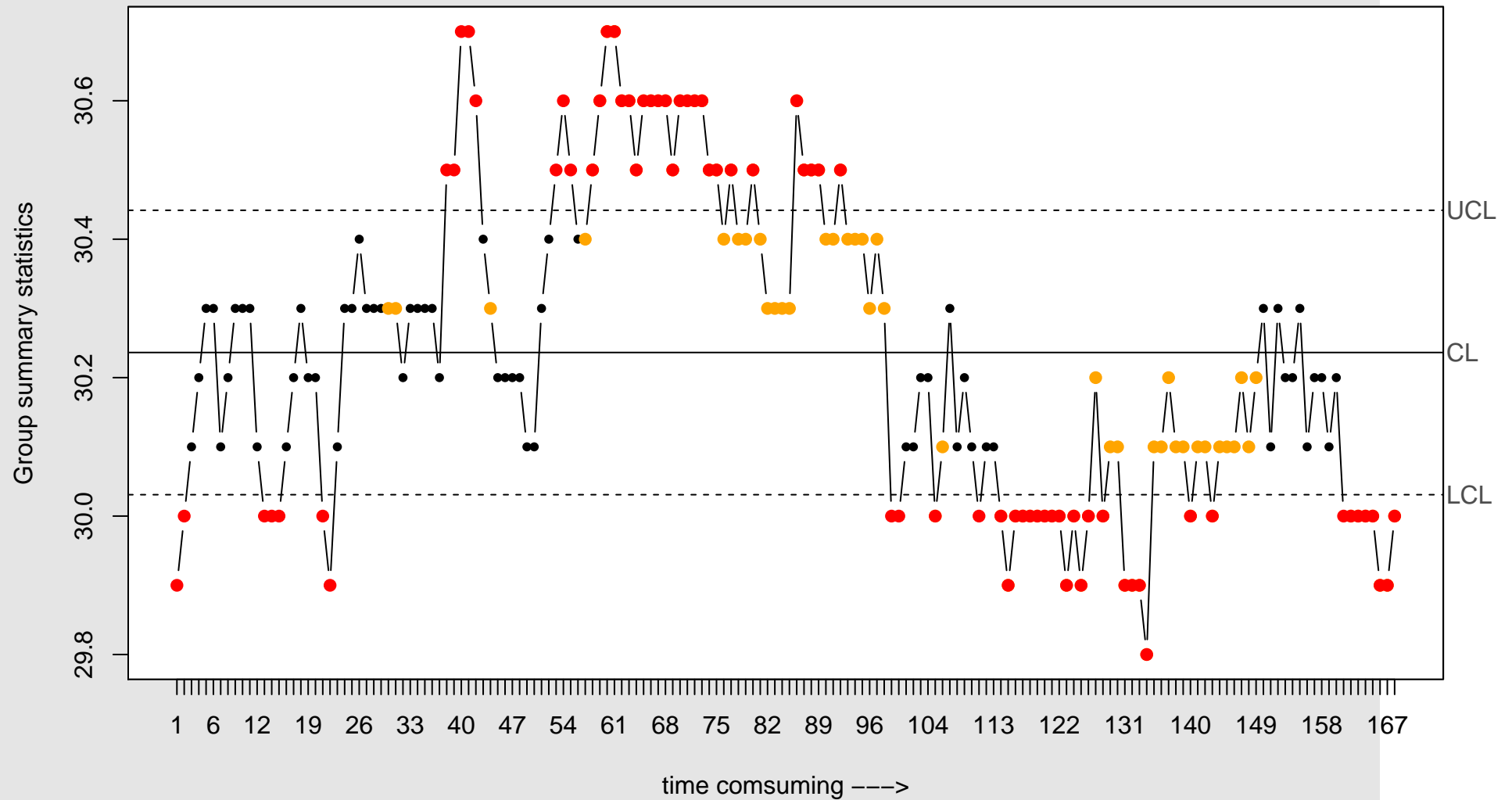


Number of groups = 168
Center = 30.20298
StdDev = 0.0658258

LCL = 30.0055
UCL = 30.40045

Number beyond limits = 71
Number violating runs = 95

183th column point of this product

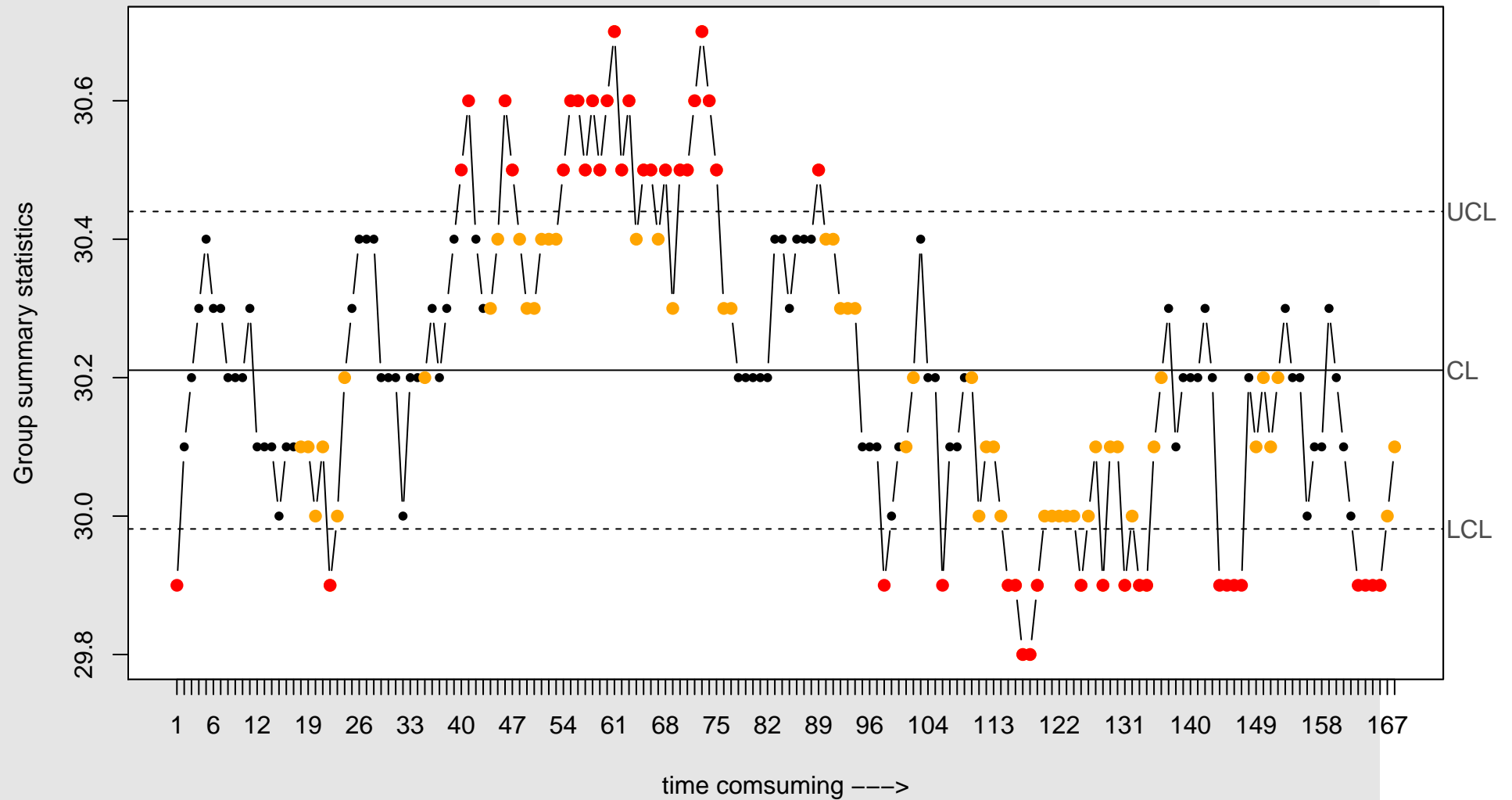


Number of groups = 168
Center = 30.23631
StdDev = 0.06848006

LCL = 30.03087
UCL = 30.44175

Number beyond limits = 72
Number violating runs = 90

184th column point of this product

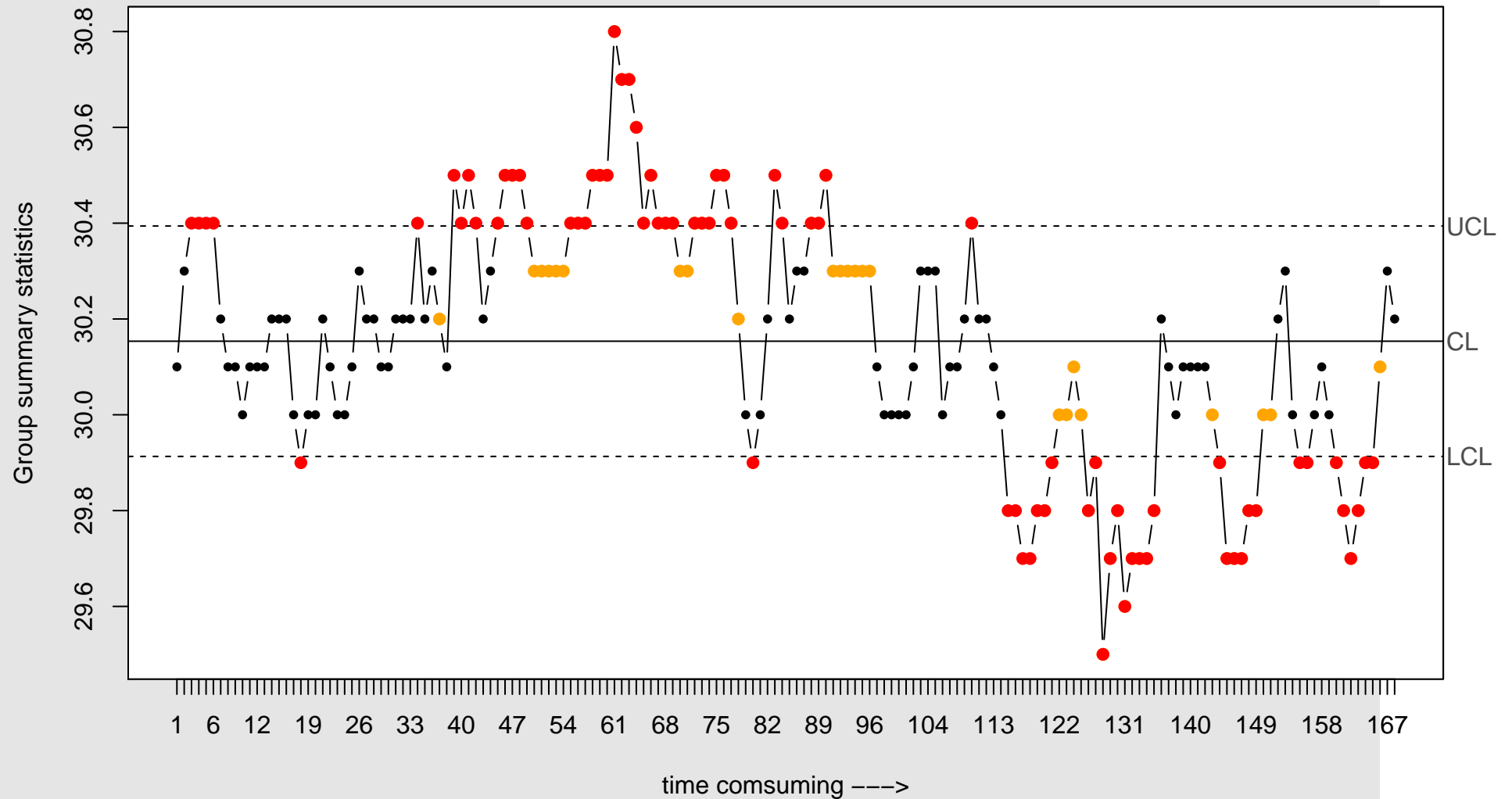


Number of groups = 168
Center = 30.21071
StdDev = 0.07644286

LCL = 29.98139
UCL = 30.44004

Number beyond limits = 46
Number violating runs = 84

185th column point of this product



Number of groups = 168

Center = 30.15357

StdDev = 0.08015883

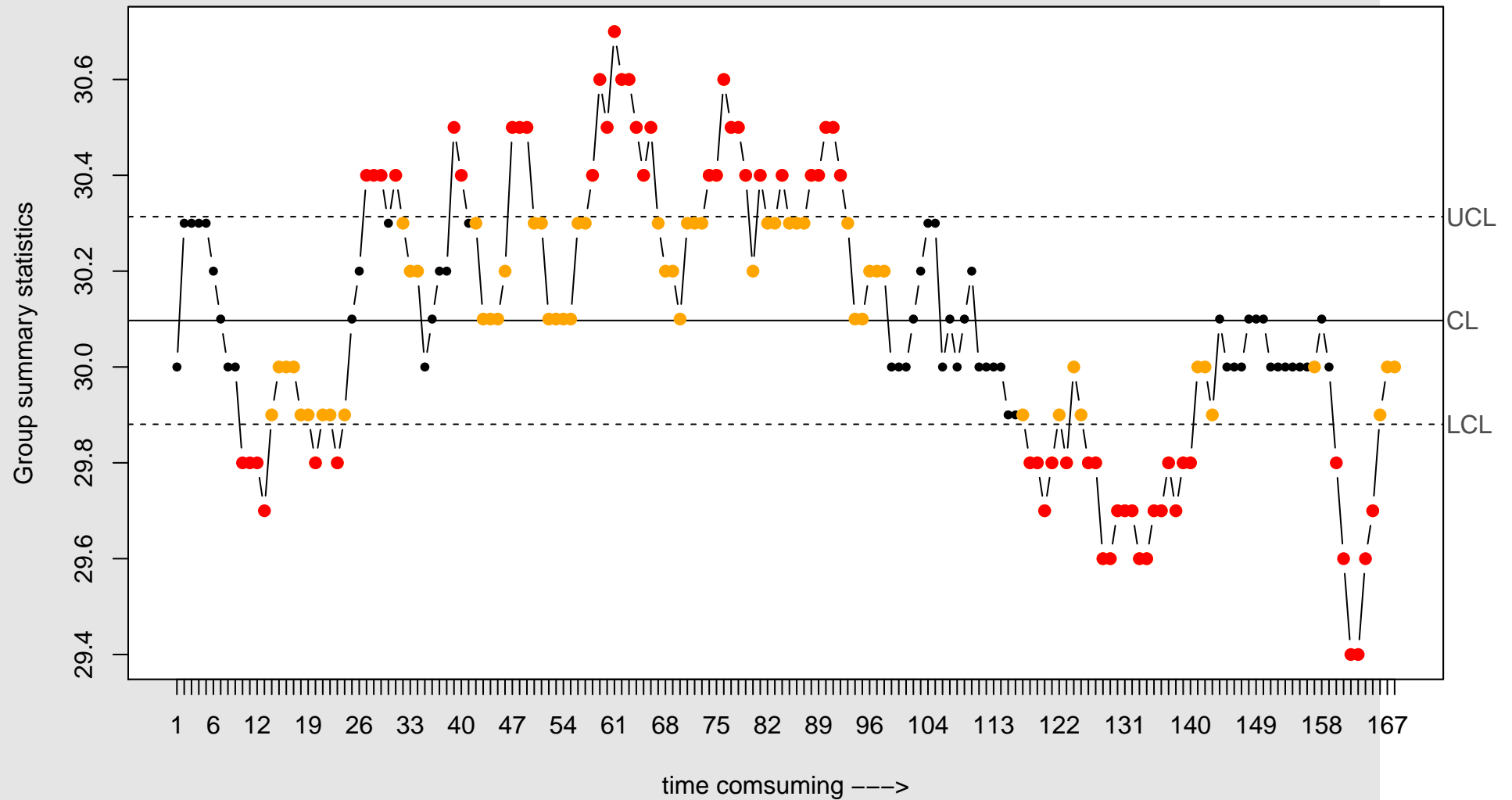
LCL = 29.91309

UCL = 30.39405

Number beyond limits = 74

Number violating runs = 77

186th column point of this product



Number of groups = 168

Center = 30.09702

StdDev = 0.07219603

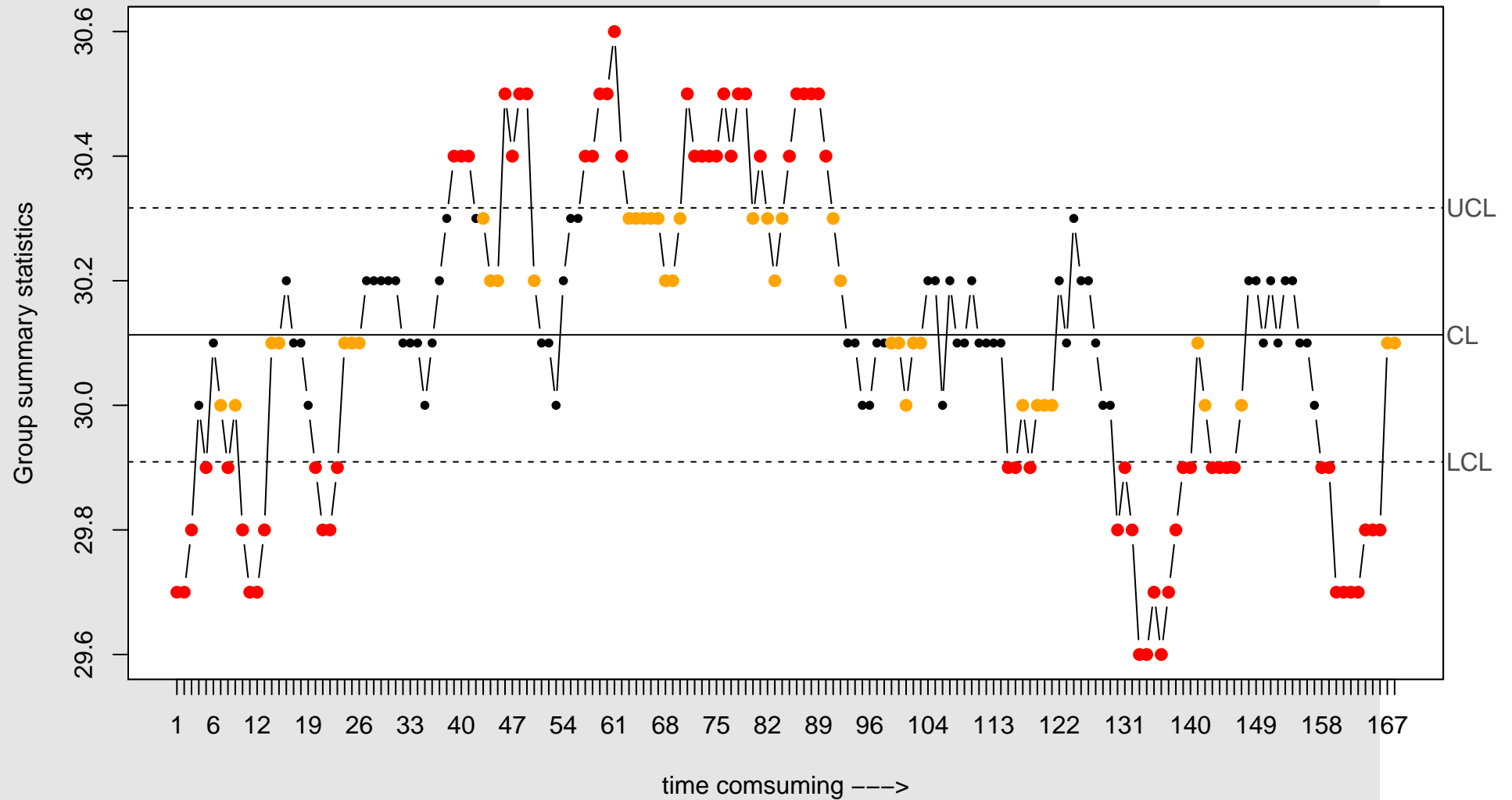
LCL = 29.88044

UCL = 30.31361

Number beyond limits = 63

Number violating runs = 104

187th column point of this product



Number of groups = 168

Center = 30.1131

StdDev = 0.06794921

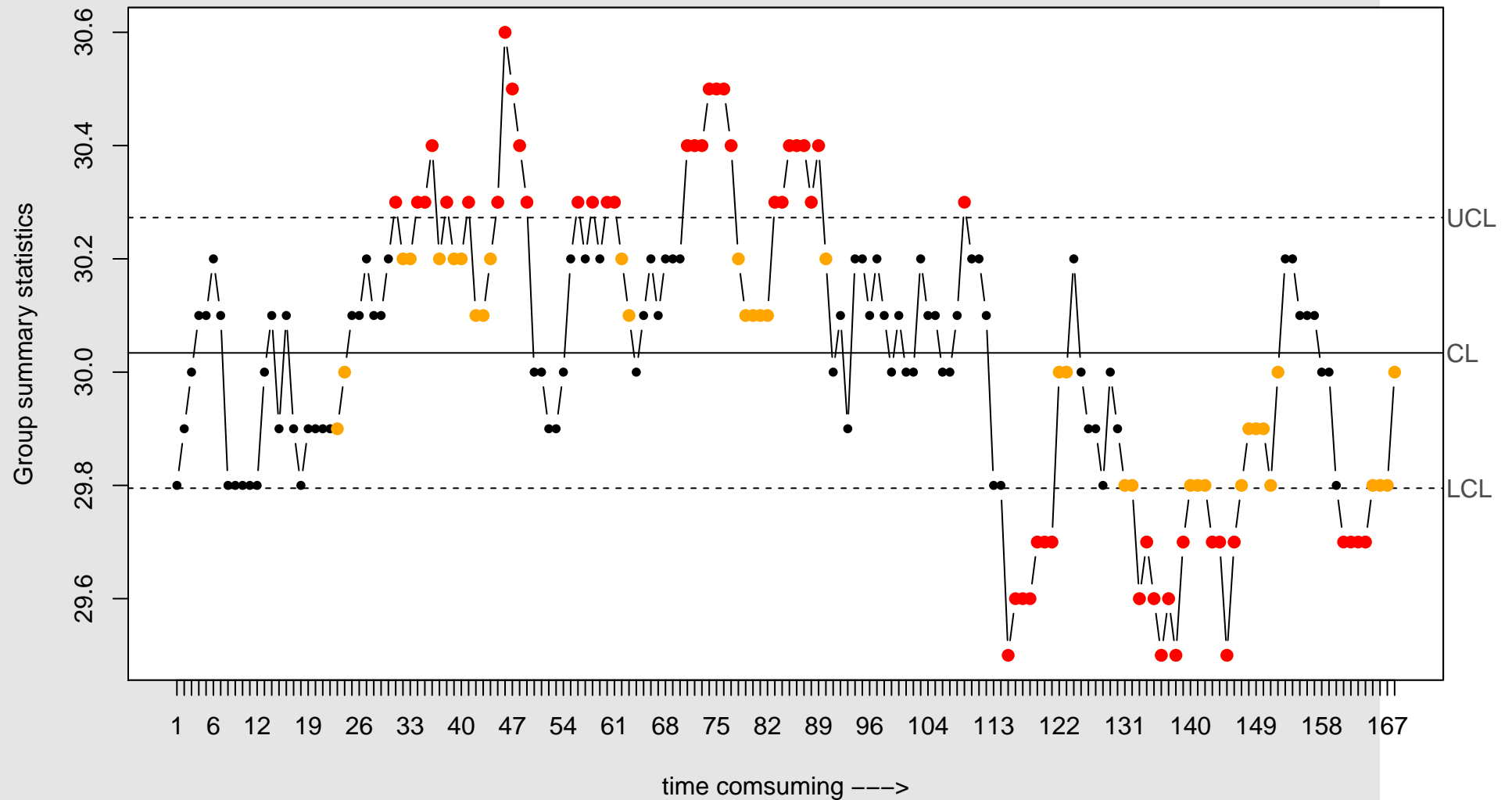
LCL = 29.90925

UCL = 30.31694

Number beyond limits = 69

Number violating runs = 87

188th column point of this product



Number of groups = 168

Center = 30.03393

StdDev = 0.07962798

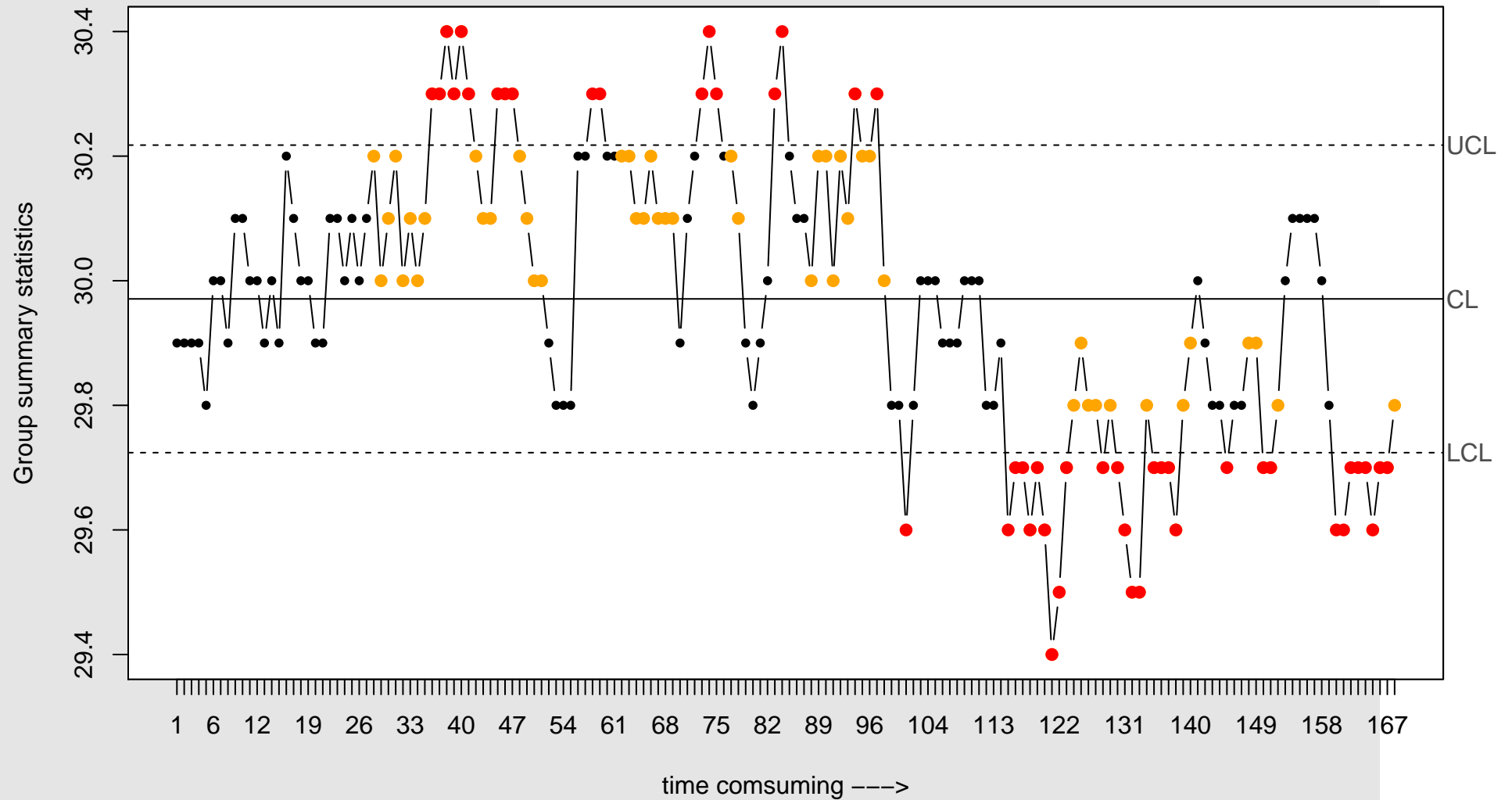
LCL = 29.79504

UCL = 30.27281

Number beyond limits = 52

Number violating runs = 76

189th column point of this product

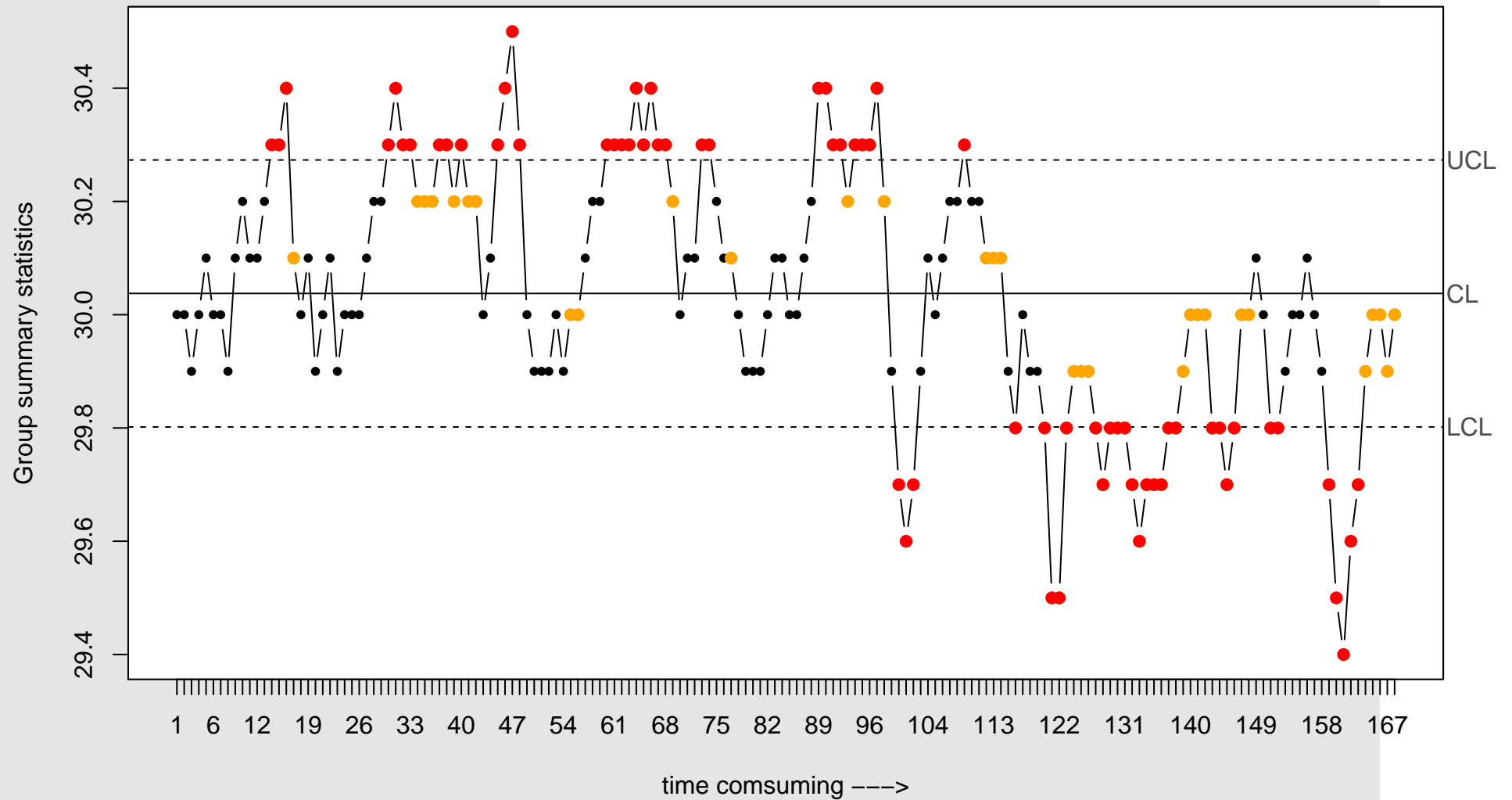


Number of groups = 168
 Center = 29.97083
 StdDev = 0.08228224

LCL = 29.72399
 UCL = 30.21768

Number beyond limits = 48
 Number violating runs = 77

190th column point of this product



Number of groups = 168

Center = 30.0375

StdDev = 0.07856627

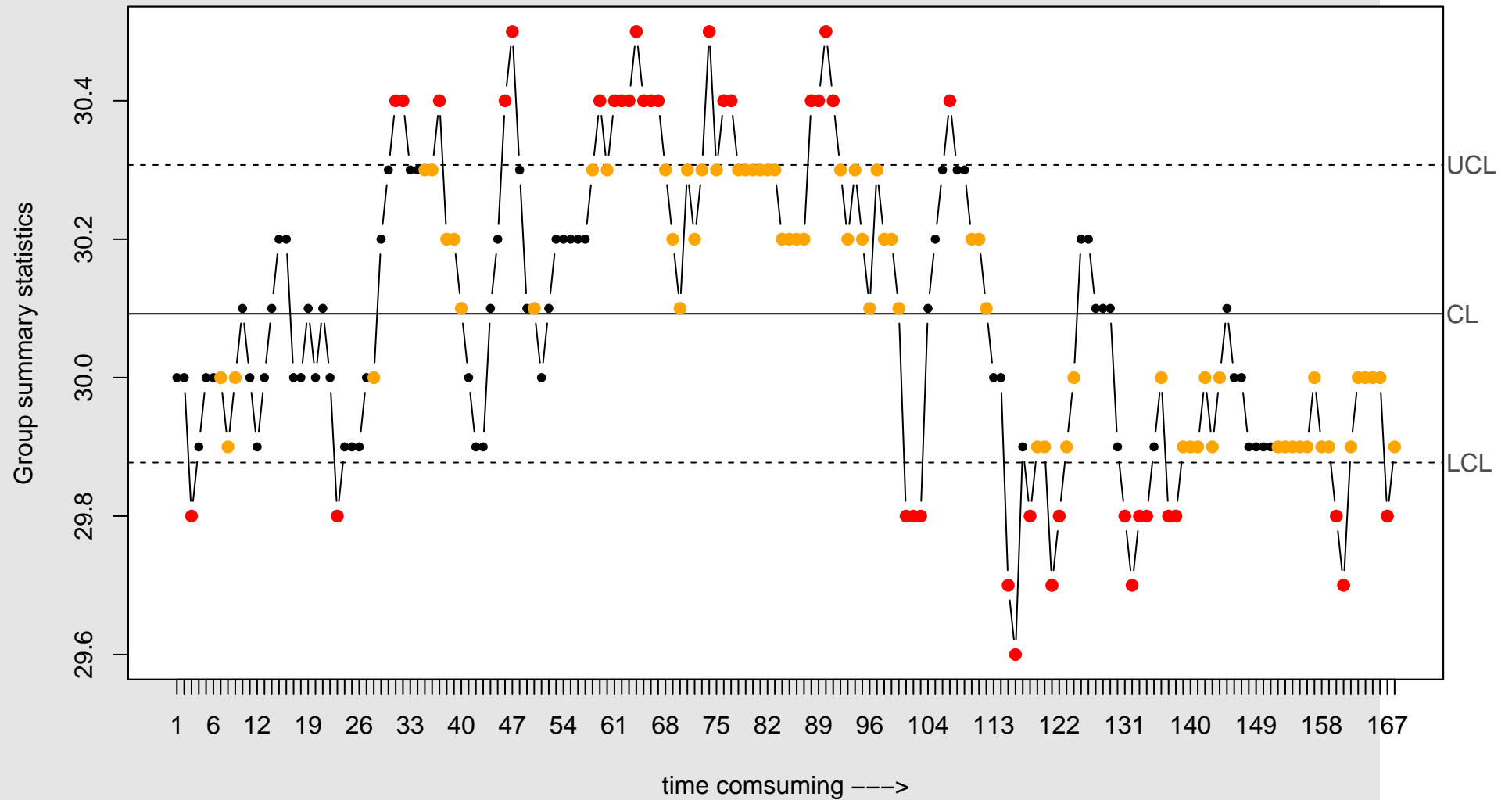
LCL = 29.8018

UCL = 30.2732

Number beyond limits = 65

Number violating runs = 66

191th column point of this product

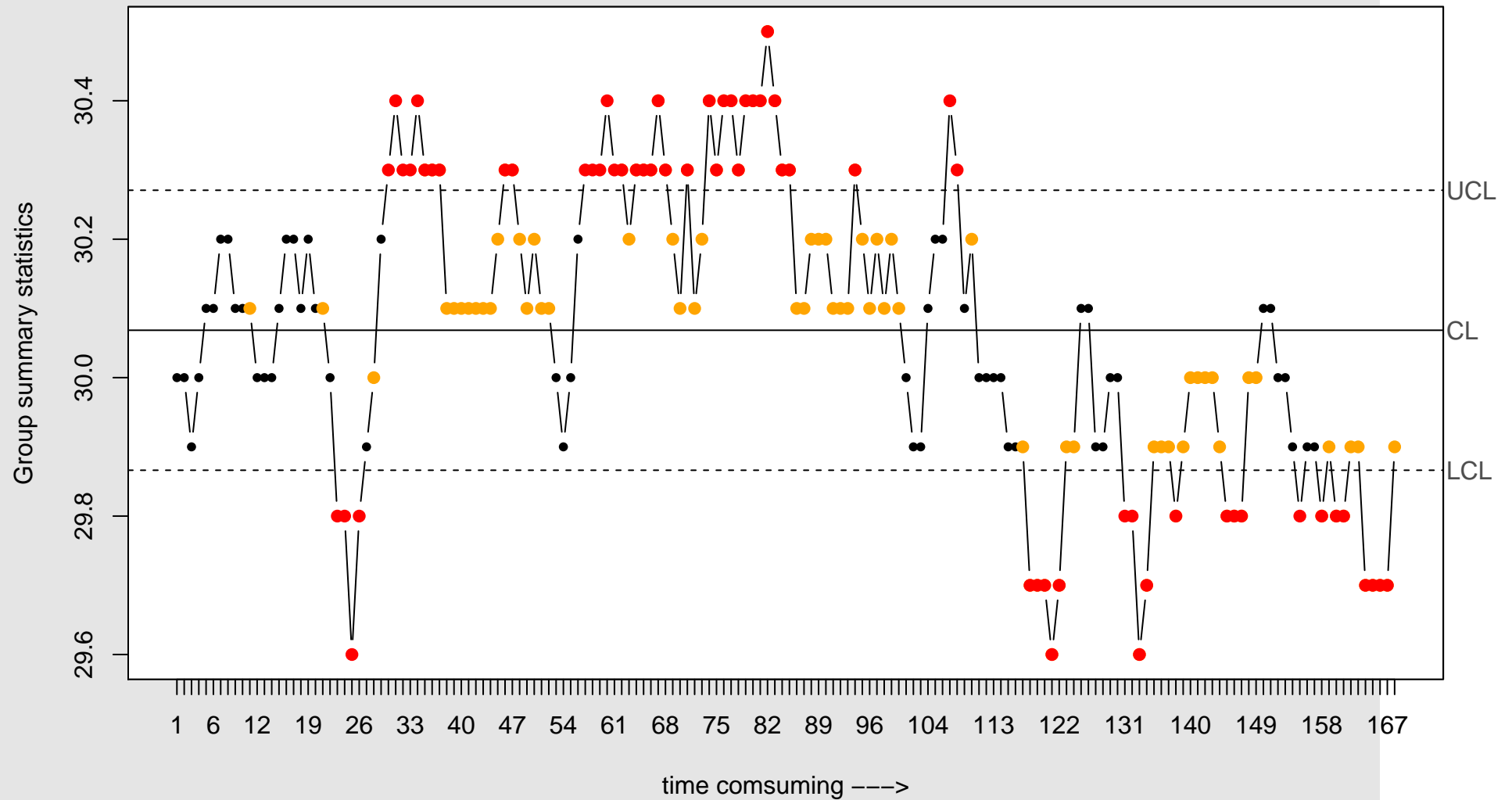


Number of groups = 168
 Center = 30.09226
 StdDev = 0.07166518

LCL = 29.87727
 UCL = 30.30726

Number beyond limits = 40
 Number violating runs = 89

192th column point of this product

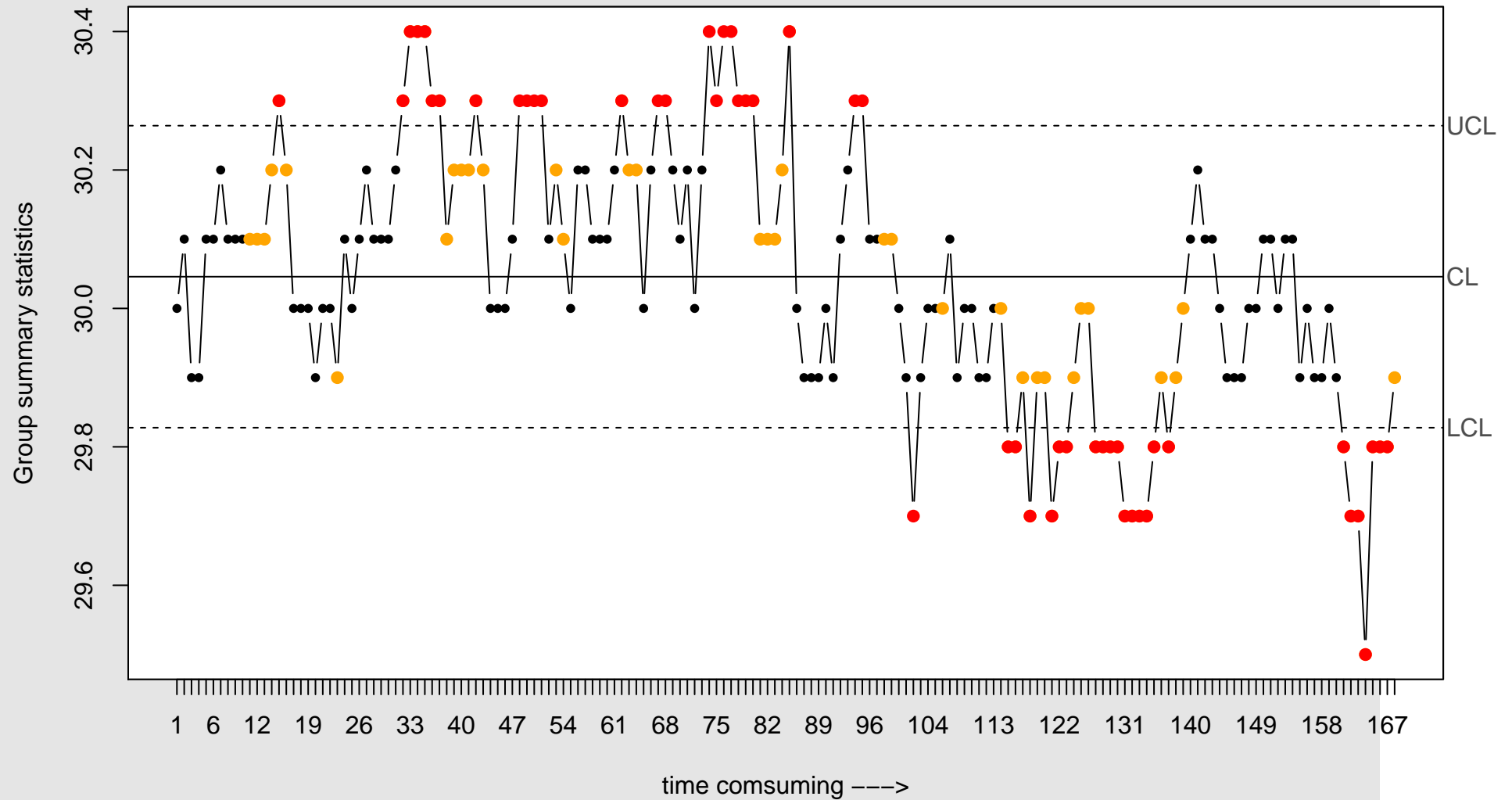


Number of groups = 168
Center = 30.06845
StdDev = 0.06741835

LCL = 29.8662
UCL = 30.27071

Number beyond limits = 62
Number violating runs = 97

193th column point of this product

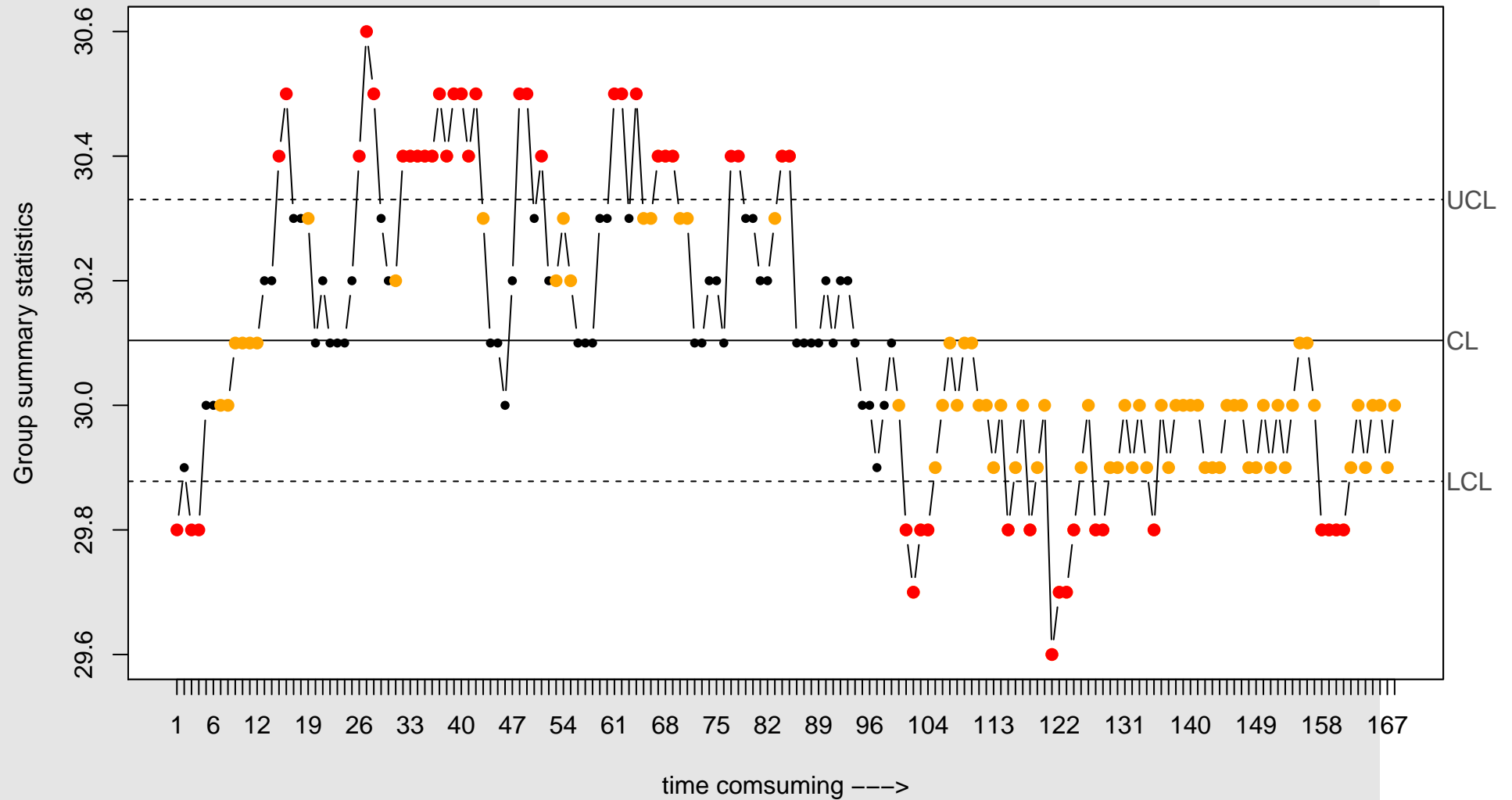


Number of groups = 168
Center = 30.04583
StdDev = 0.07272689

LCL = 29.82765
UCL = 30.26401

Number beyond limits = 49
Number violating runs = 68

194th column point of this product



Number of groups = 168

Center = 30.10417

StdDev = 0.07538115

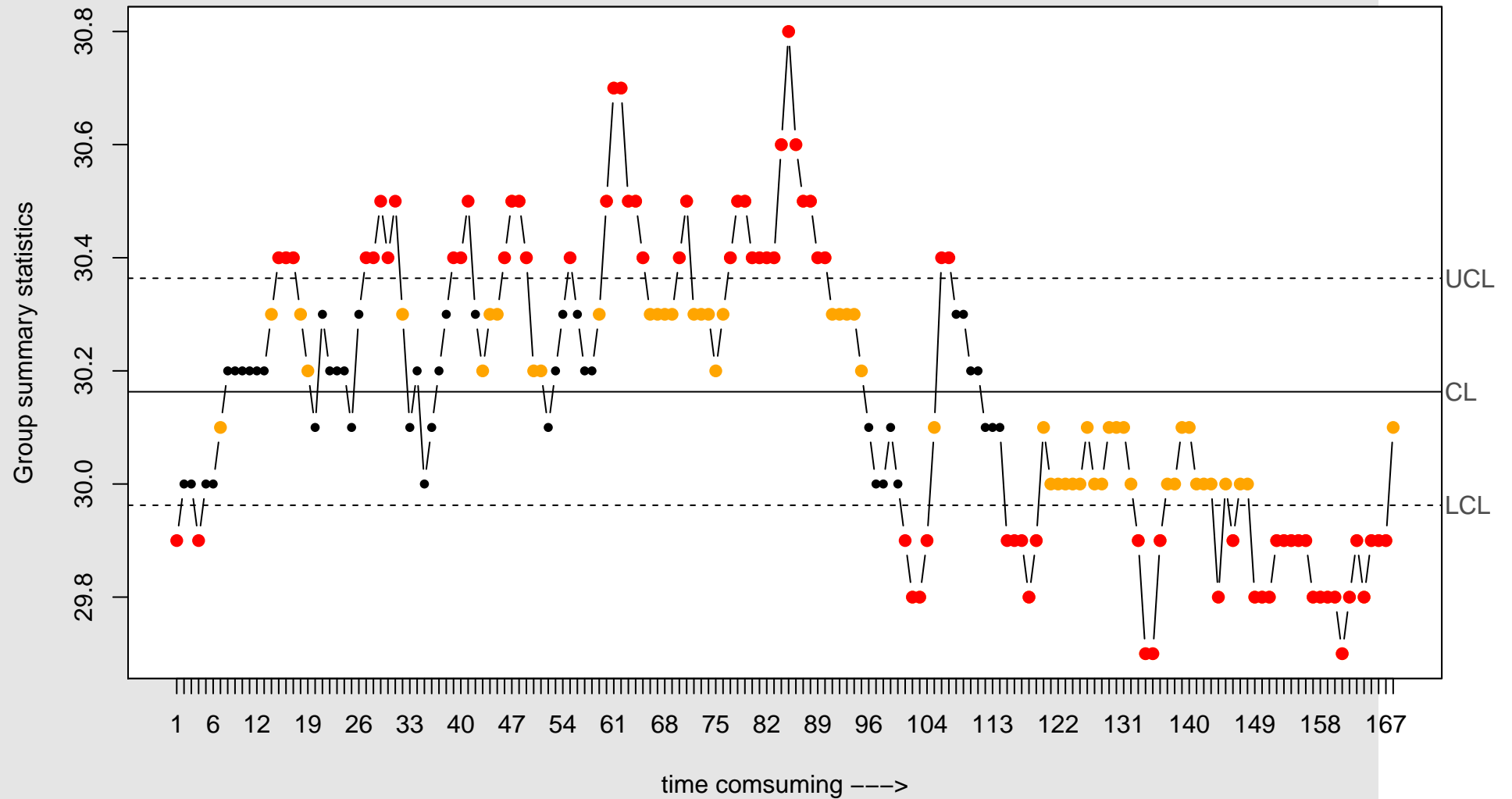
LCL = 29.87802

UCL = 30.33031

Number beyond limits = 49

Number violating runs = 102

195th column point of this product



Number of groups = 168

Center = 30.1631

StdDev = 0.0668875

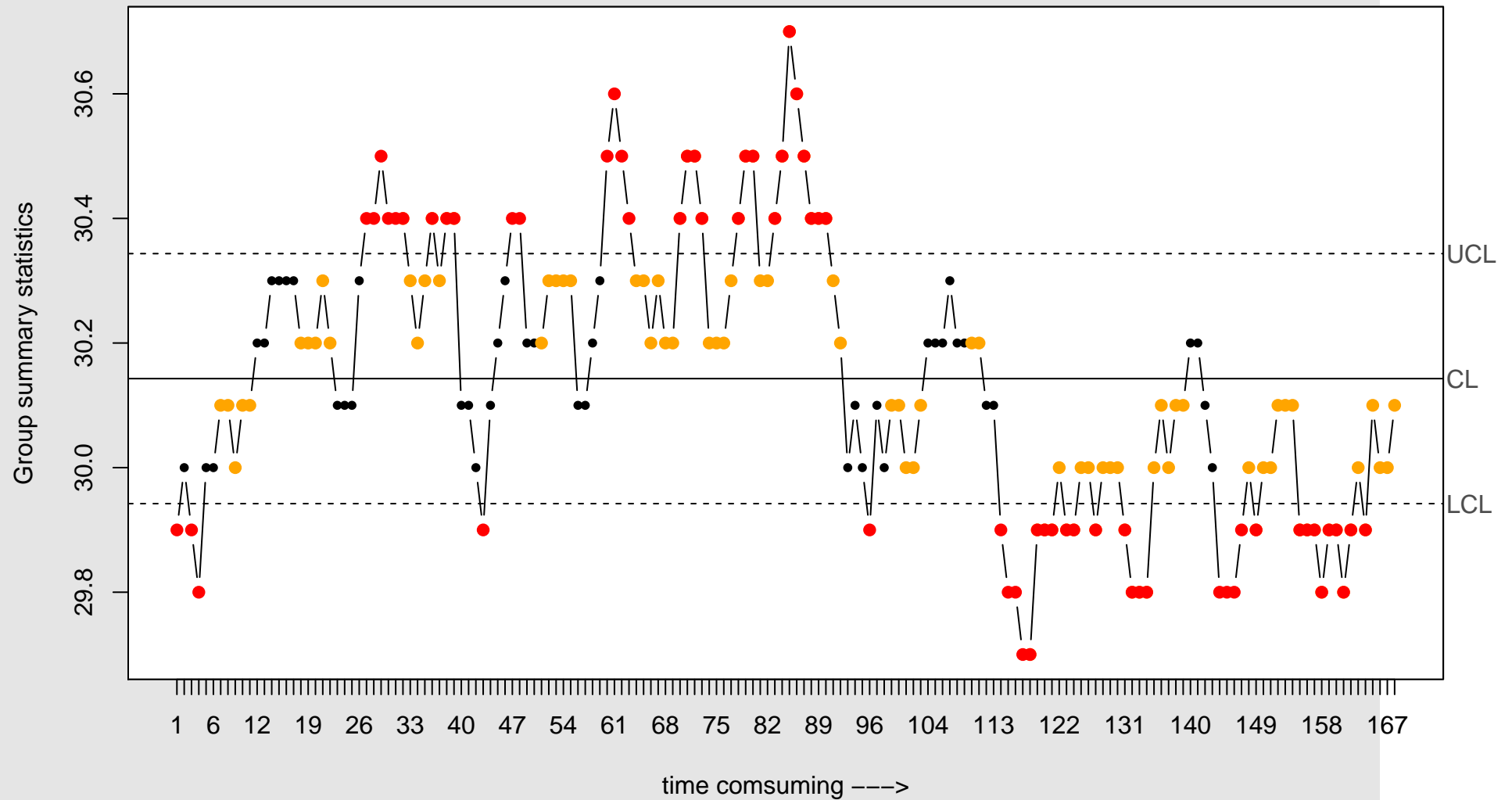
LCL = 29.96243

UCL = 30.36376

Number beyond limits = 76

Number violating runs = 109

196th column point of this product

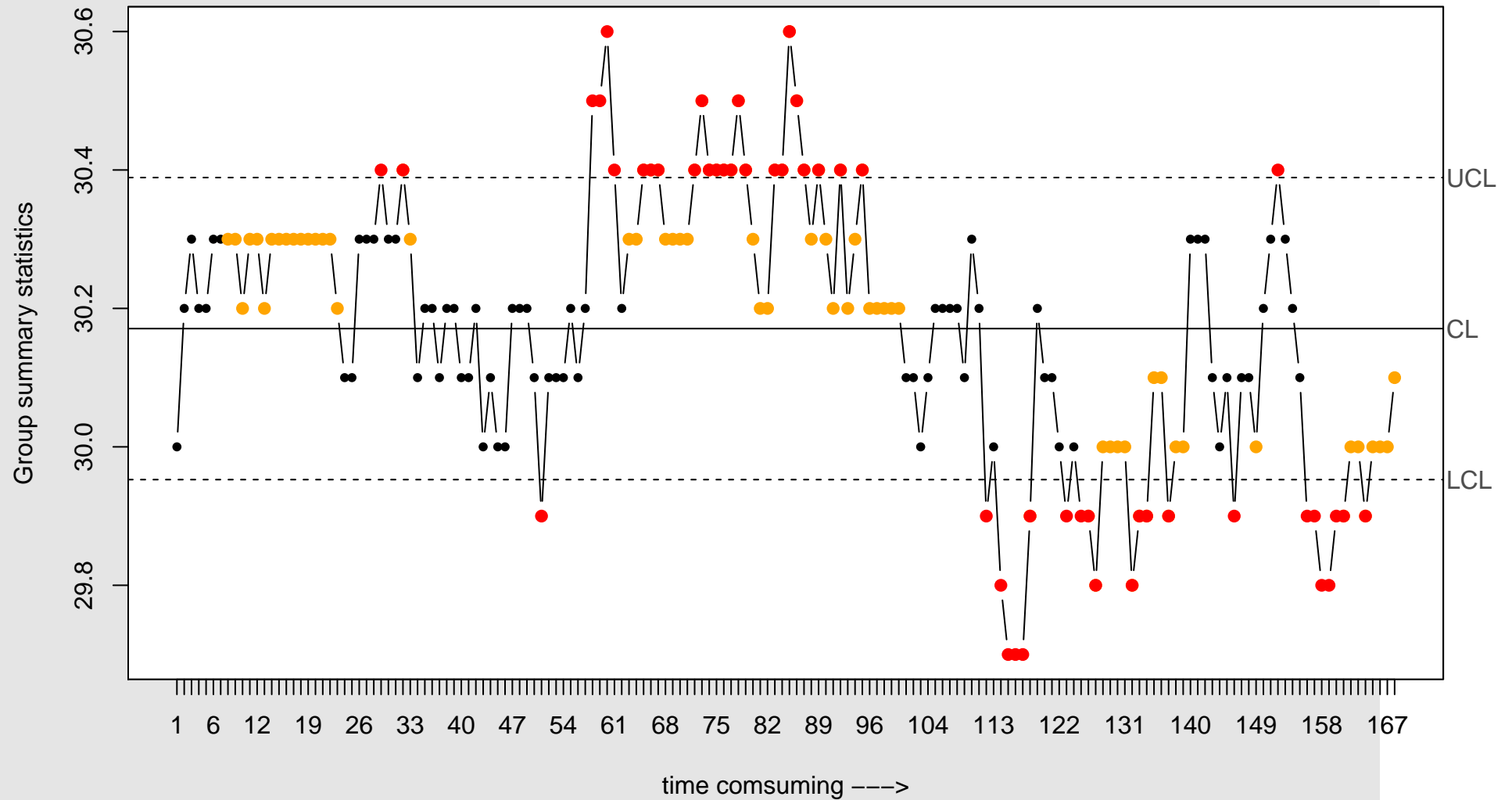


Number of groups = 168
Center = 30.14286
StdDev = 0.0668875

LCL = 29.94219
UCL = 30.34352

Number beyond limits = 64
Number violating runs = 102

197th column point of this product

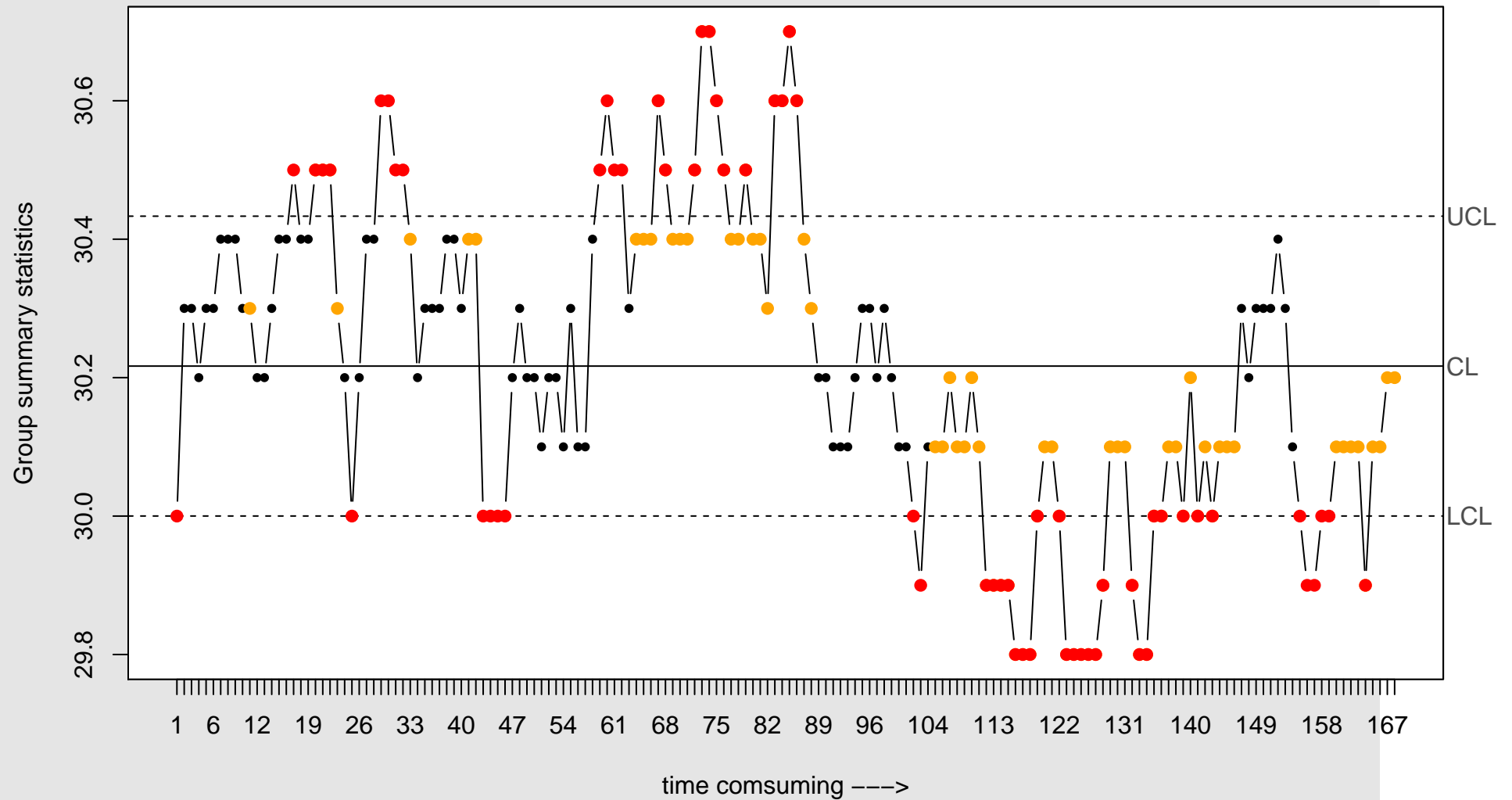


Number of groups = 168
Center = 30.17083
StdDev = 0.07272689

LCL = 29.95265
UCL = 30.38901

Number beyond limits = 49
Number violating runs = 80

198th column point of this product

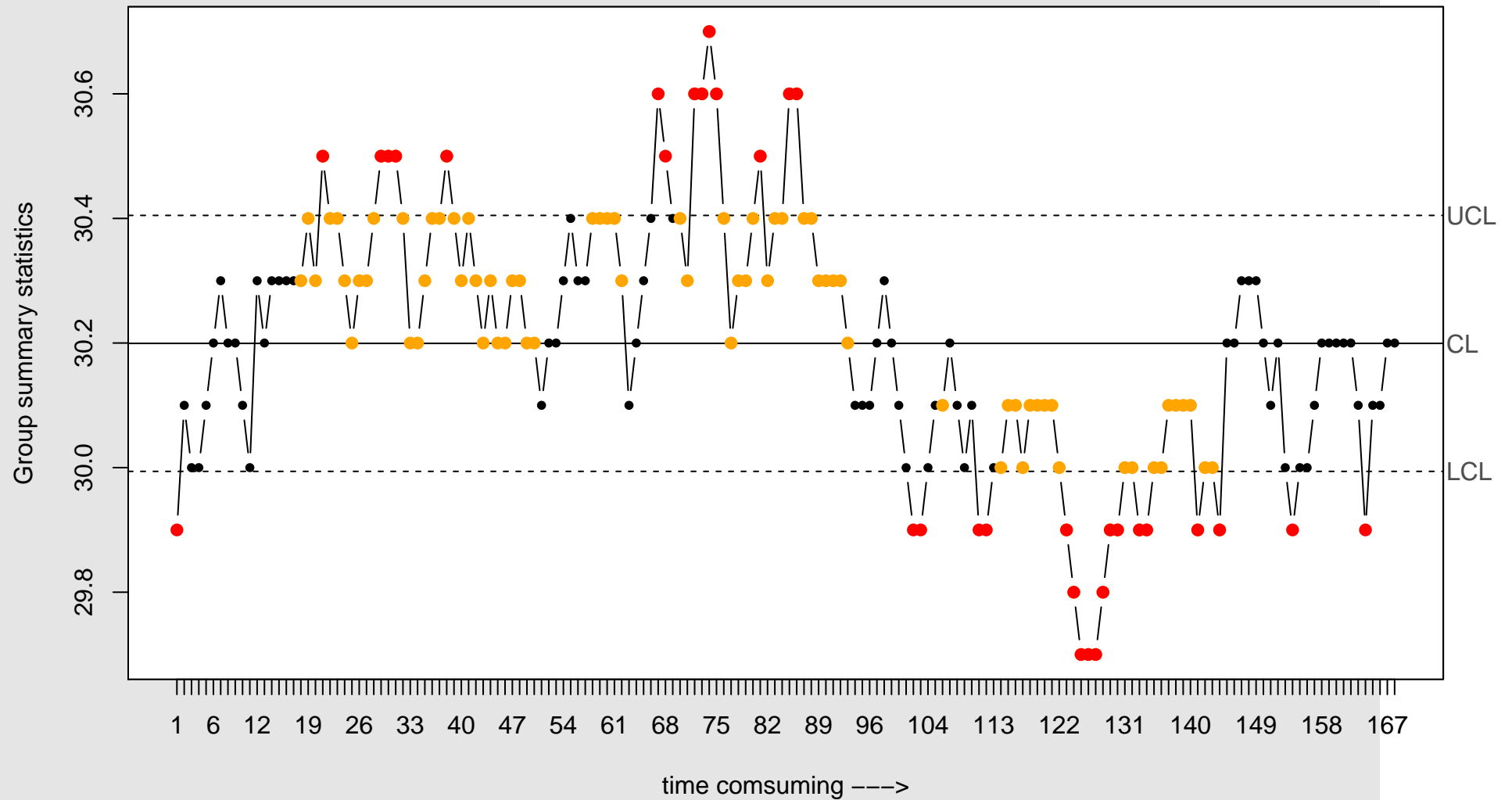


Number of groups = 168
 Center = 30.21667
 StdDev = 0.07219603

LCL = 30.00008
 UCL = 30.43325

Number beyond limits = 61
 Number violating runs = 84

199th column point of this product



Number of groups = 168

Center = 30.1994

StdDev = 0.06848006

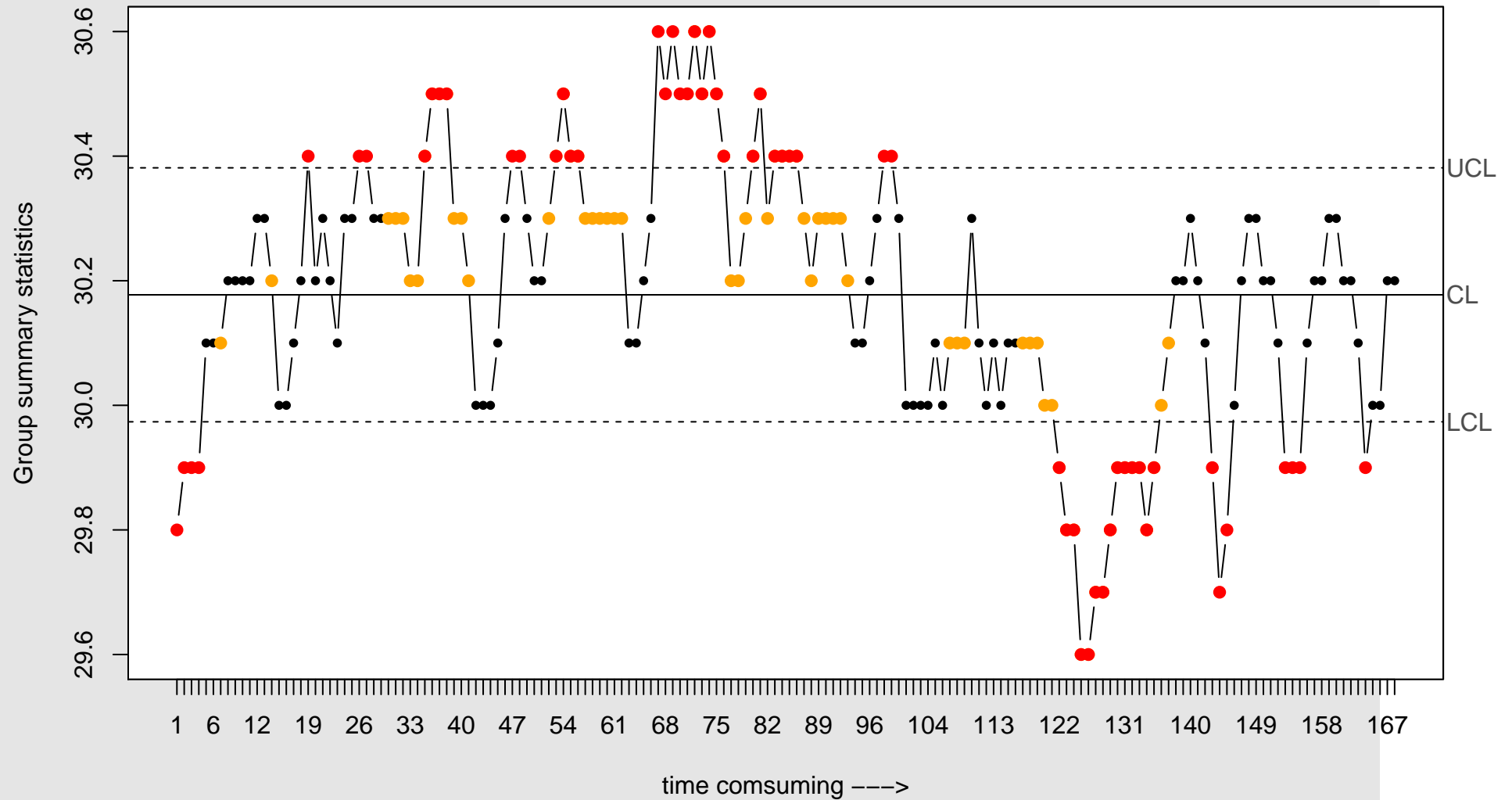
LCL = 29.99396

UCL = 30.40484

Number beyond limits = 33

Number violating runs = 94

200th column point of this product



Number of groups = 168

Center = 30.17738

StdDev = 0.06794921

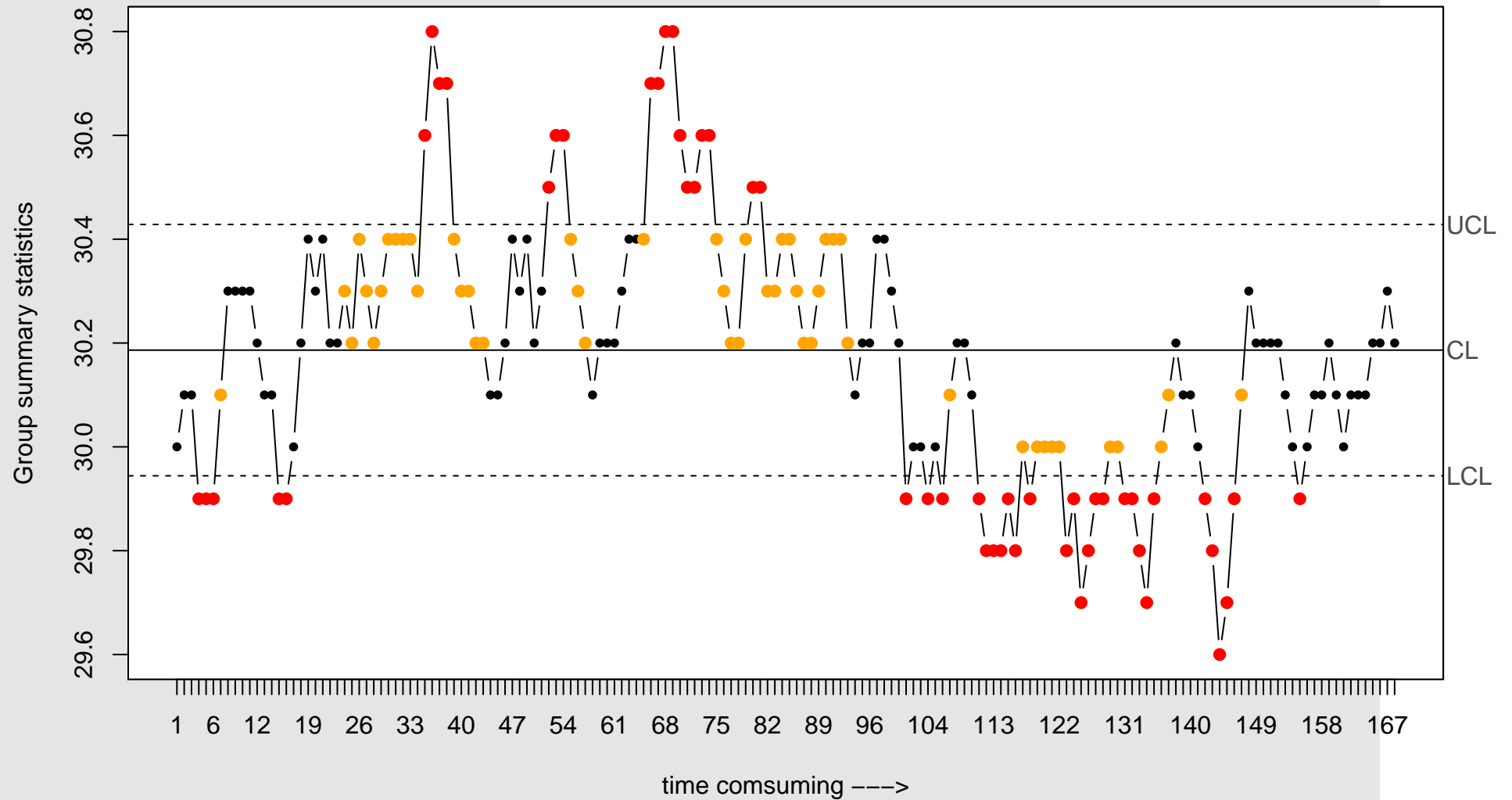
LCL = 29.97353

UCL = 30.38123

Number beyond limits = 56

Number violating runs = 72

201th column point of this product



Number of groups = 168

Center = 30.18631

StdDev = 0.08068968

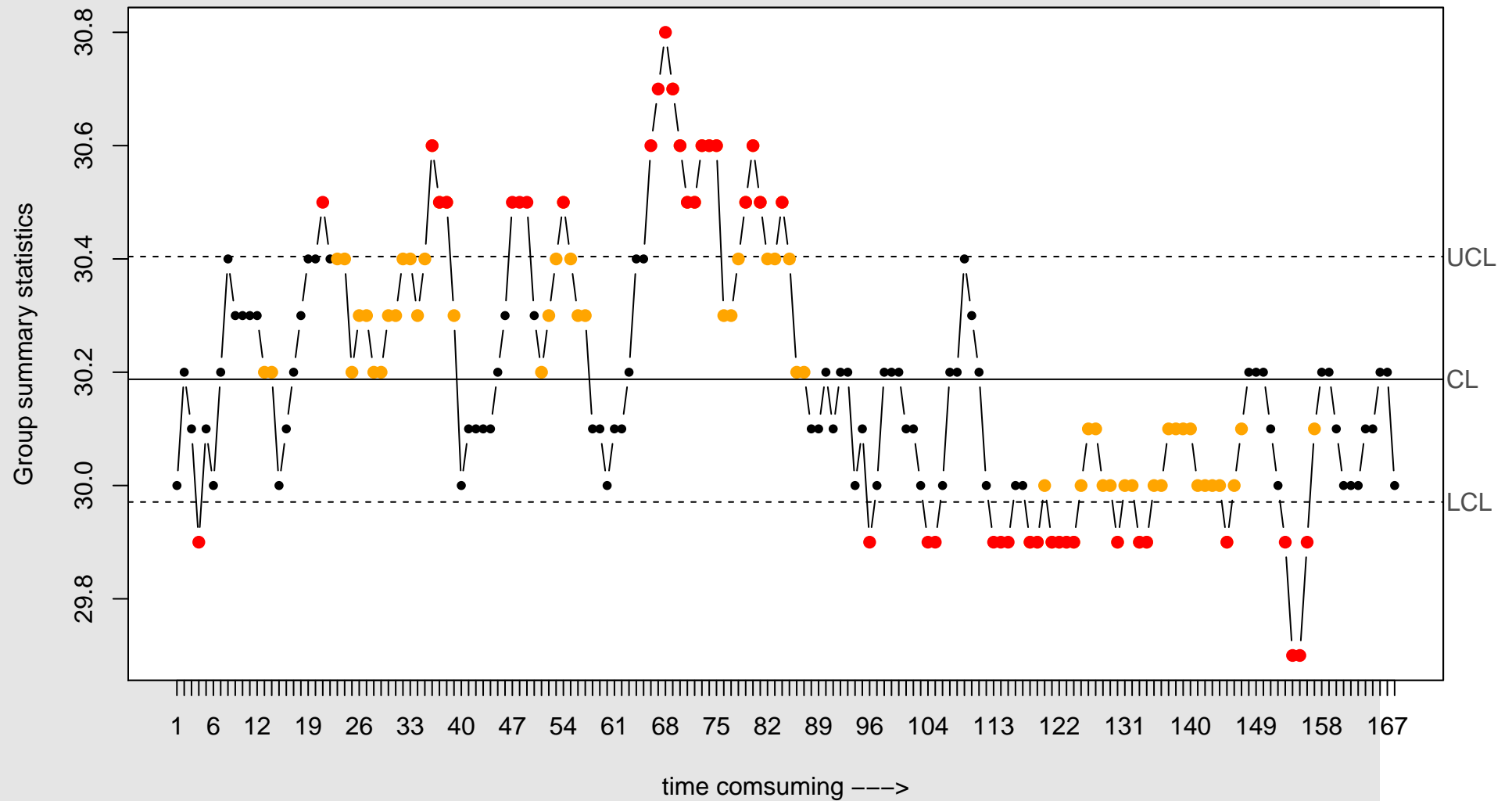
LCL = 29.94424

UCL = 30.42838

Number beyond limits = 50

Number violating runs = 82

202th column point of this product

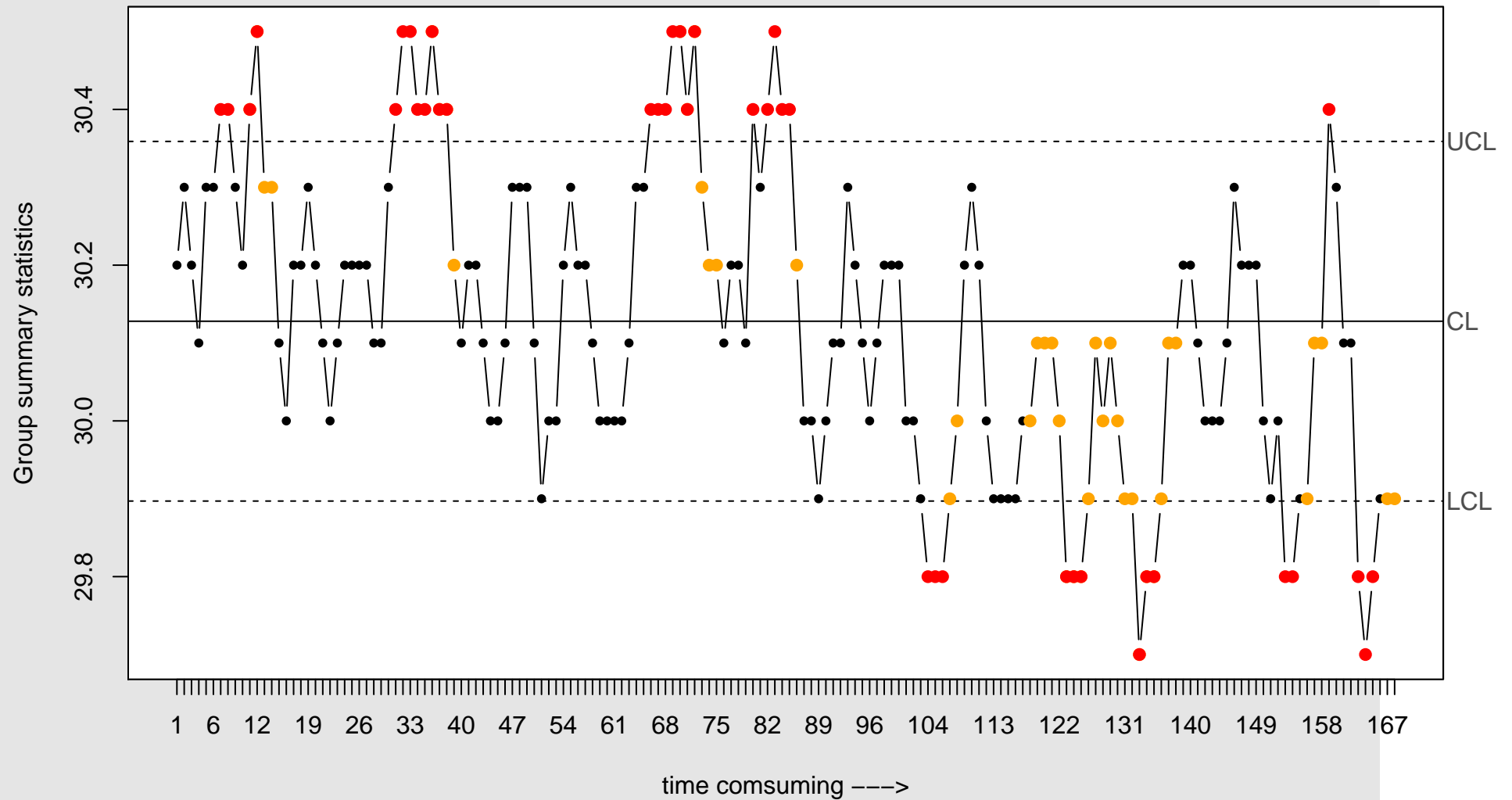


Number of groups = 168
 Center = 30.1875
 StdDev = 0.07219603

LCL = 29.97091
 UCL = 30.40409

Number beyond limits = 43
 Number violating runs = 76

203th column point of this product



Number of groups = 168

Center = 30.12798

StdDev = 0.07697371

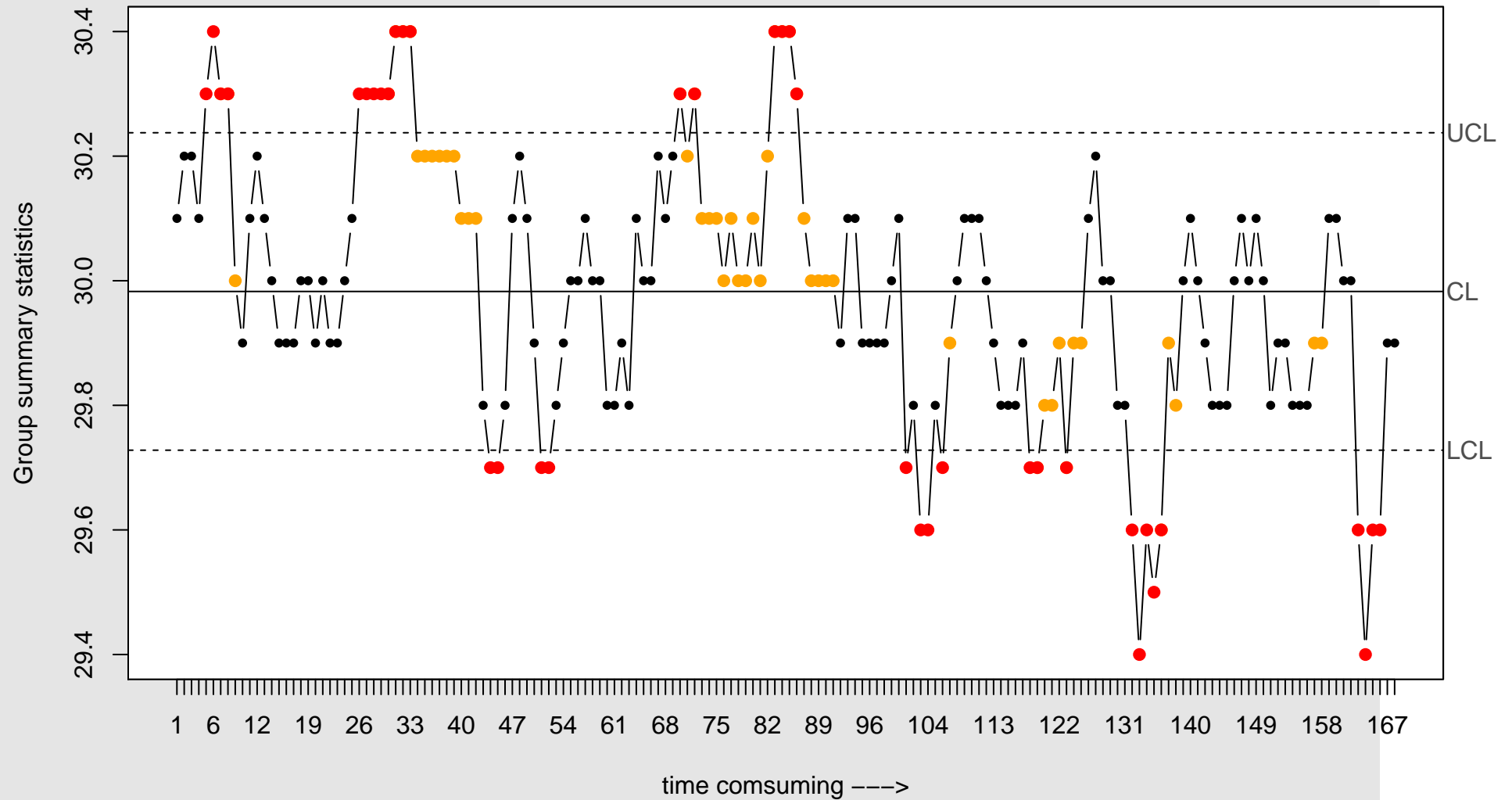
LCL = 29.89706

UCL = 30.3589

Number beyond limits = 39

Number violating runs = 43

204th column point of this product



Number of groups = 168

Center = 29.98274

StdDev = 0.08493651

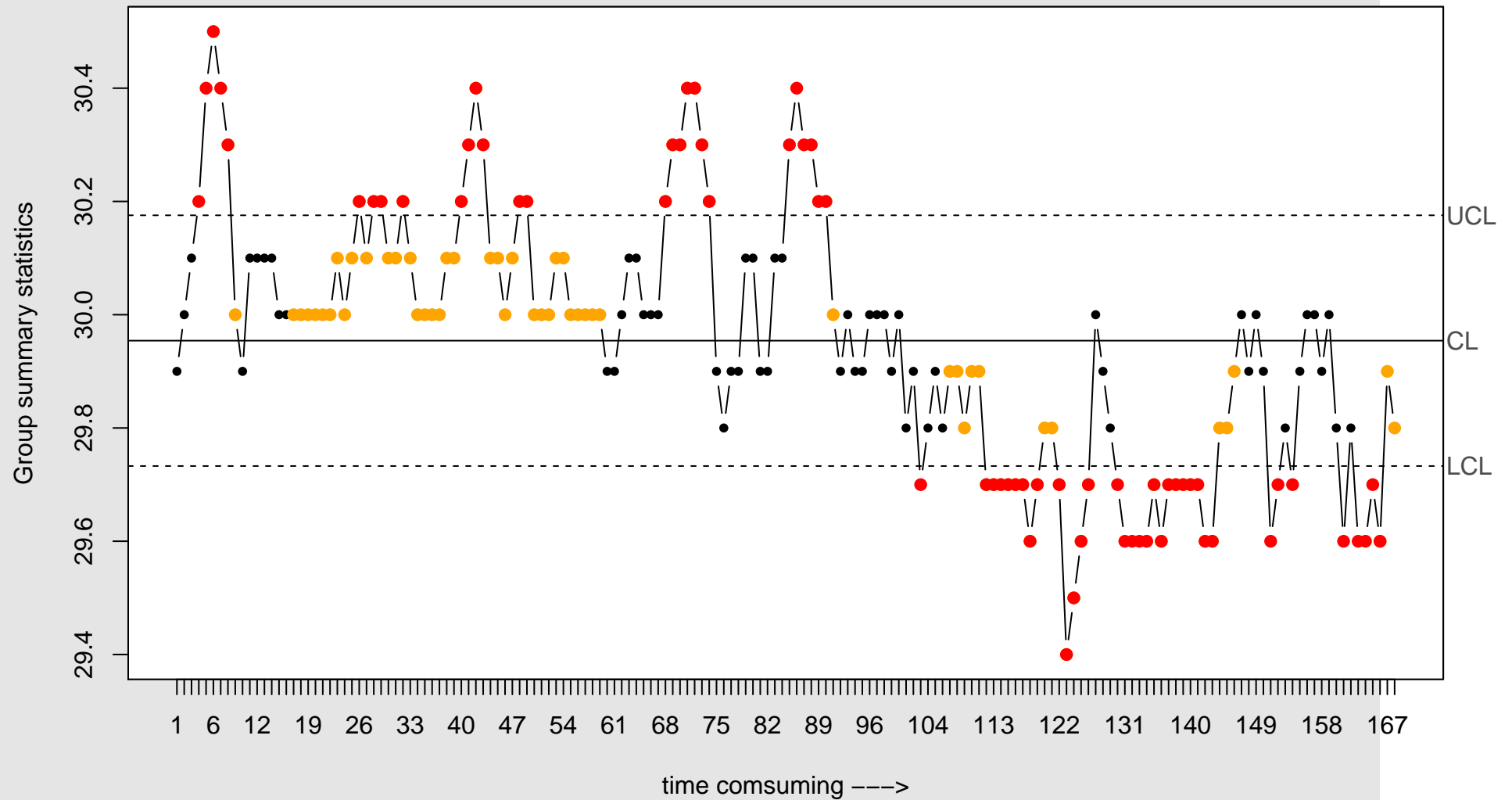
LCL = 29.72793

UCL = 30.23755

Number beyond limits = 38

Number violating runs = 51

205th column point of this product



Number of groups = 168

Center = 29.95417

StdDev = 0.07378859

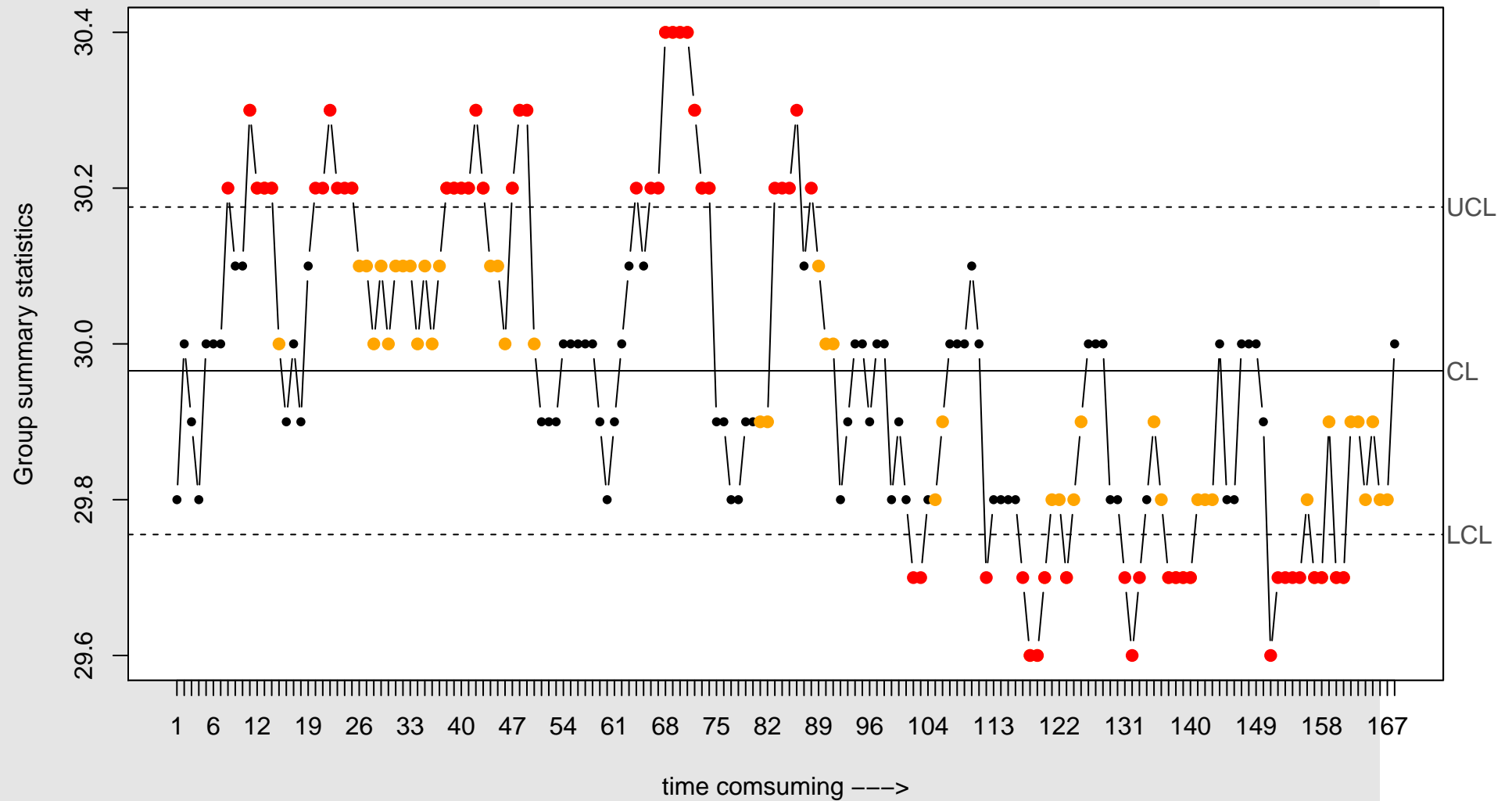
LCL = 29.7328

UCL = 30.17553

Number beyond limits = 64

Number violating runs = 91

206th column point of this product



Number of groups = 168

Center = 29.96548

StdDev = 0.07007262

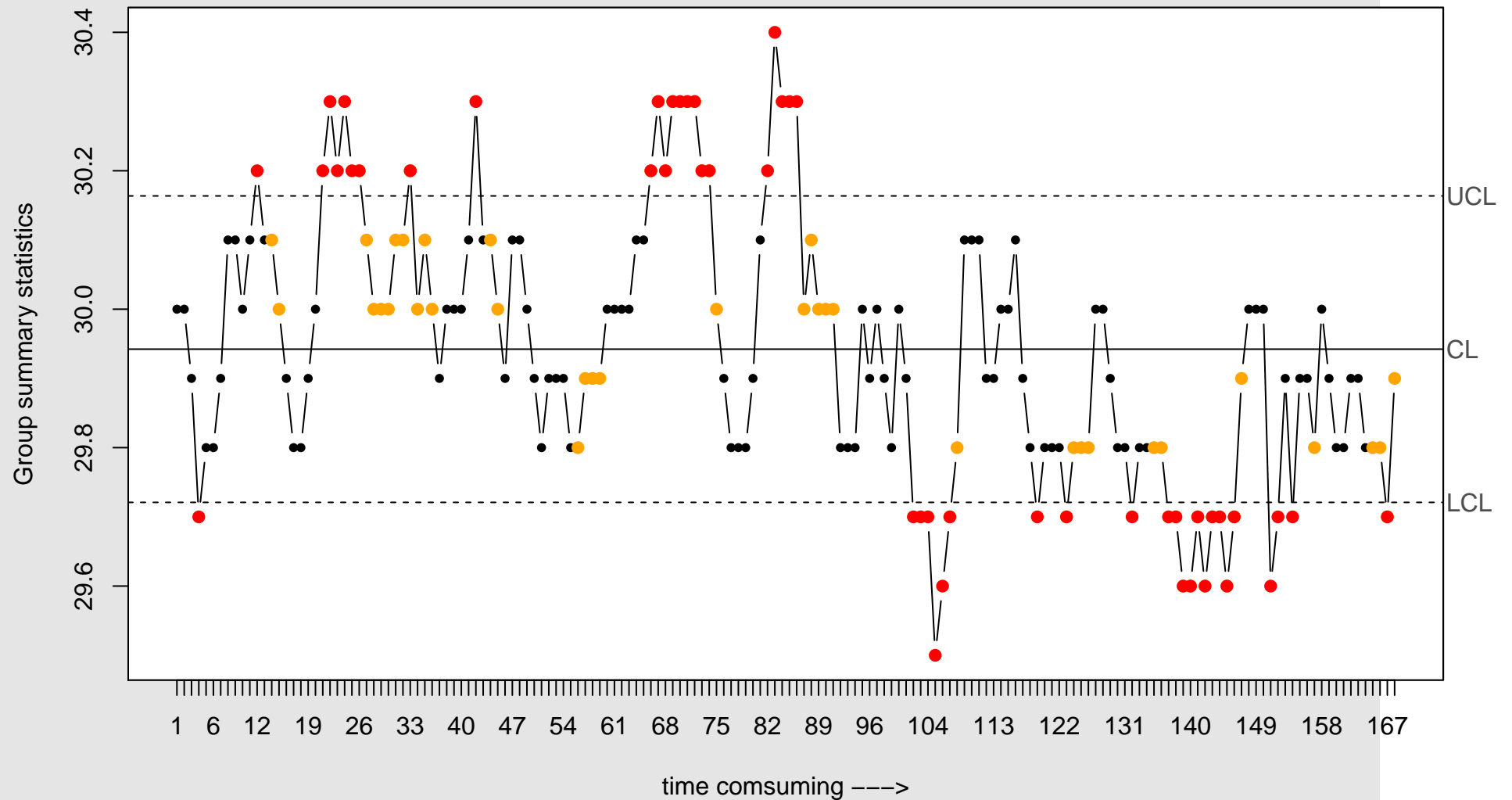
LCL = 29.75526

UCL = 30.17569

Number beyond limits = 59

Number violating runs = 74

207th column point of this product



Number of groups = 168

Center = 29.94226

StdDev = 0.07378859

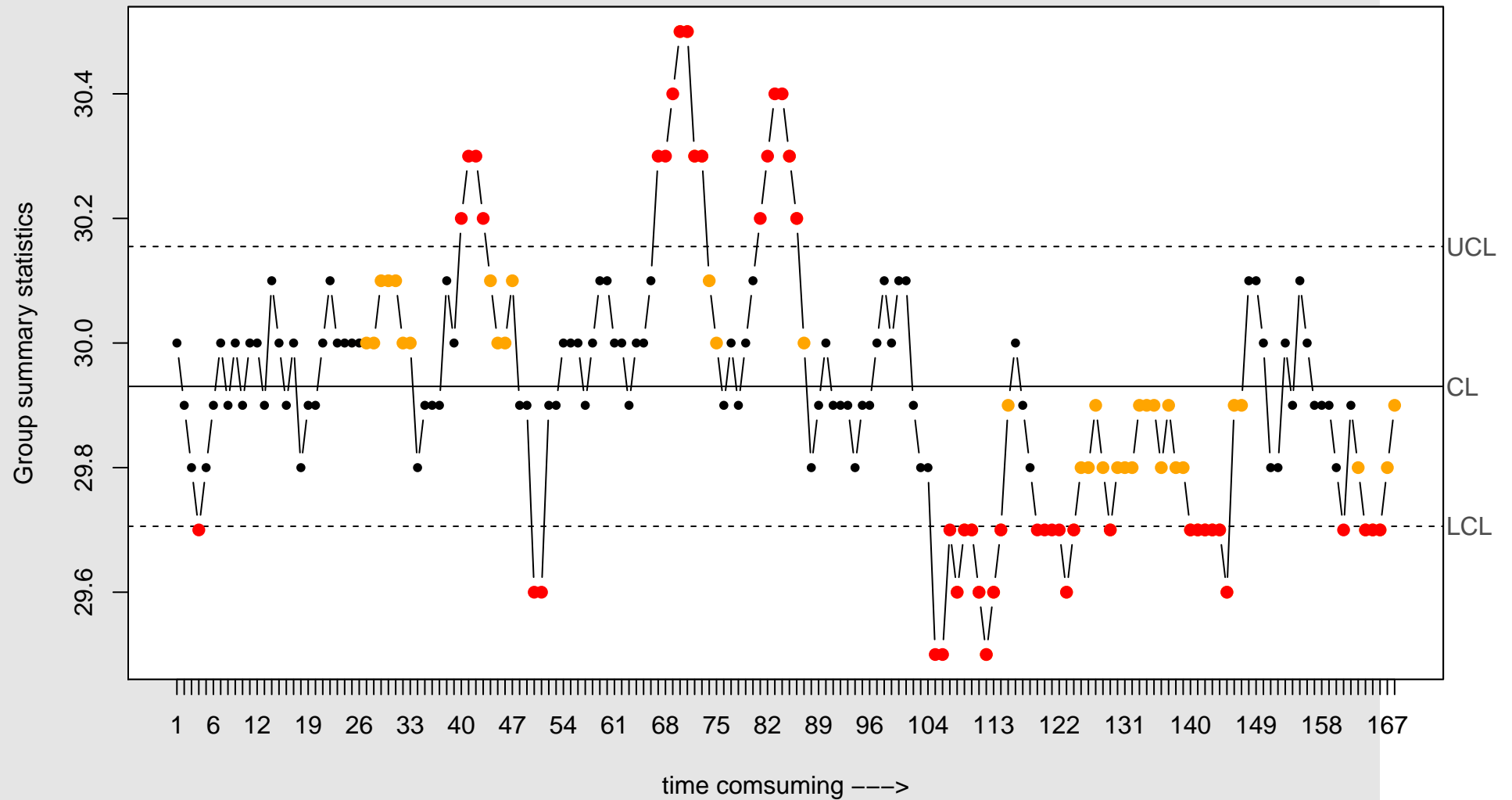
LCL = 29.7209

UCL = 30.16363

Number beyond limits = 47

Number violating runs = 58

208th column point of this product



Number of groups = 168

Center = 29.93036

StdDev = 0.0748503

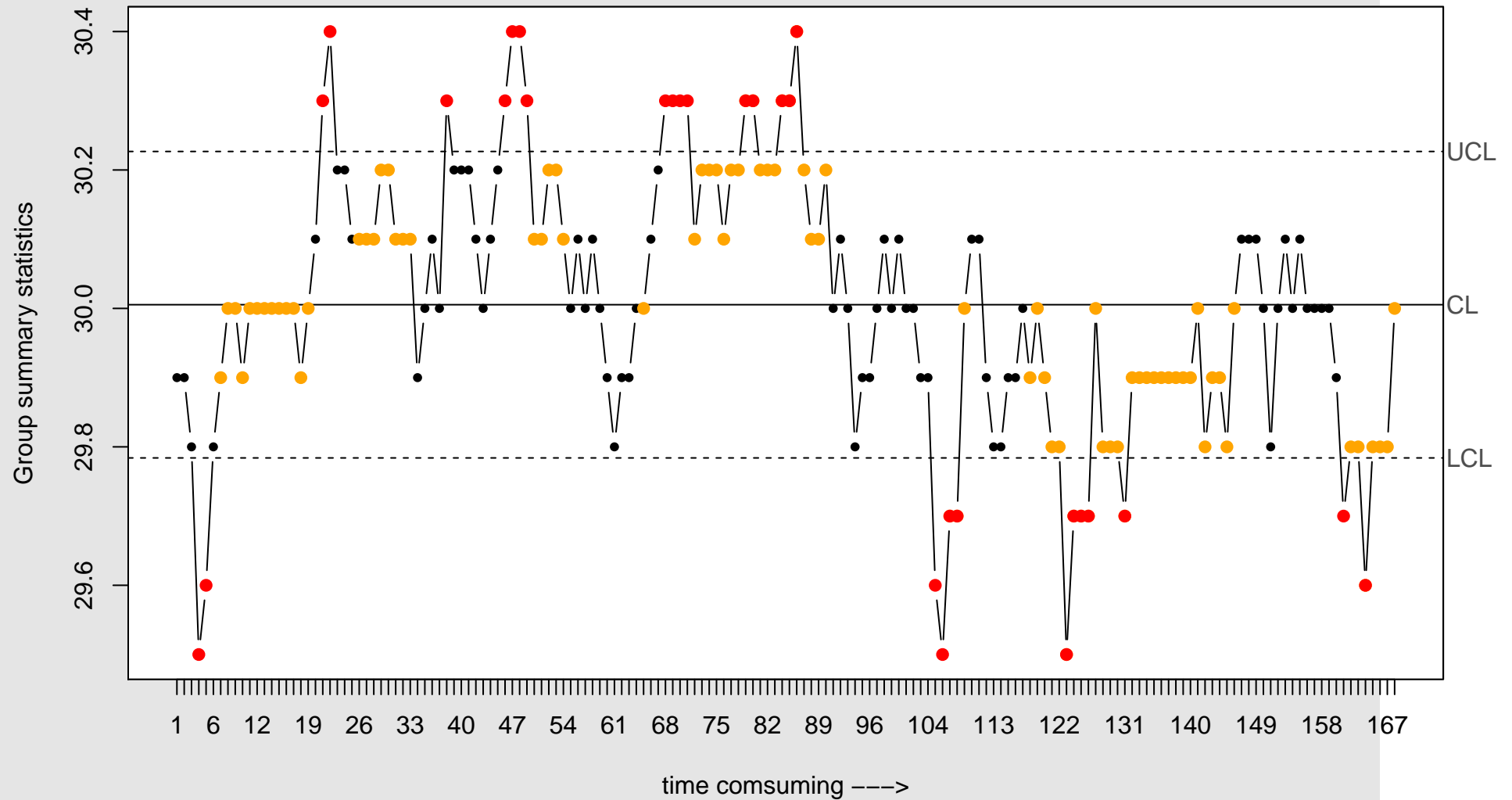
LCL = 29.70581

UCL = 30.15491

Number beyond limits = 47

Number violating runs = 59

209th column point of this product



Number of groups = 168

Center = 30.00536

StdDev = 0.07378859

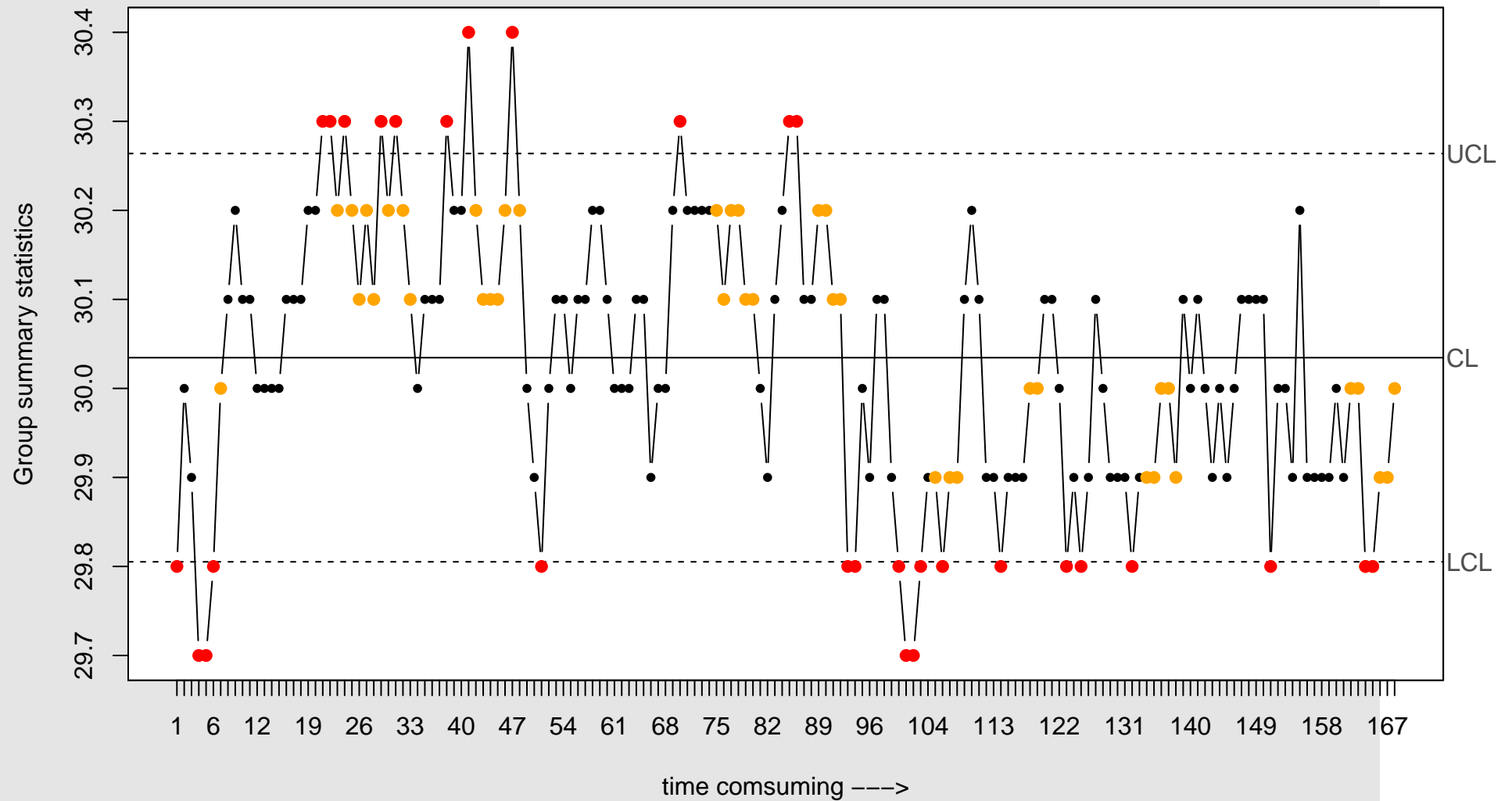
LCL = 29.78399

UCL = 30.22672

Number beyond limits = 29

Number violating runs = 85

210th column point of this product



Number of groups = 168

Center = 30.03452

StdDev = 0.07644286

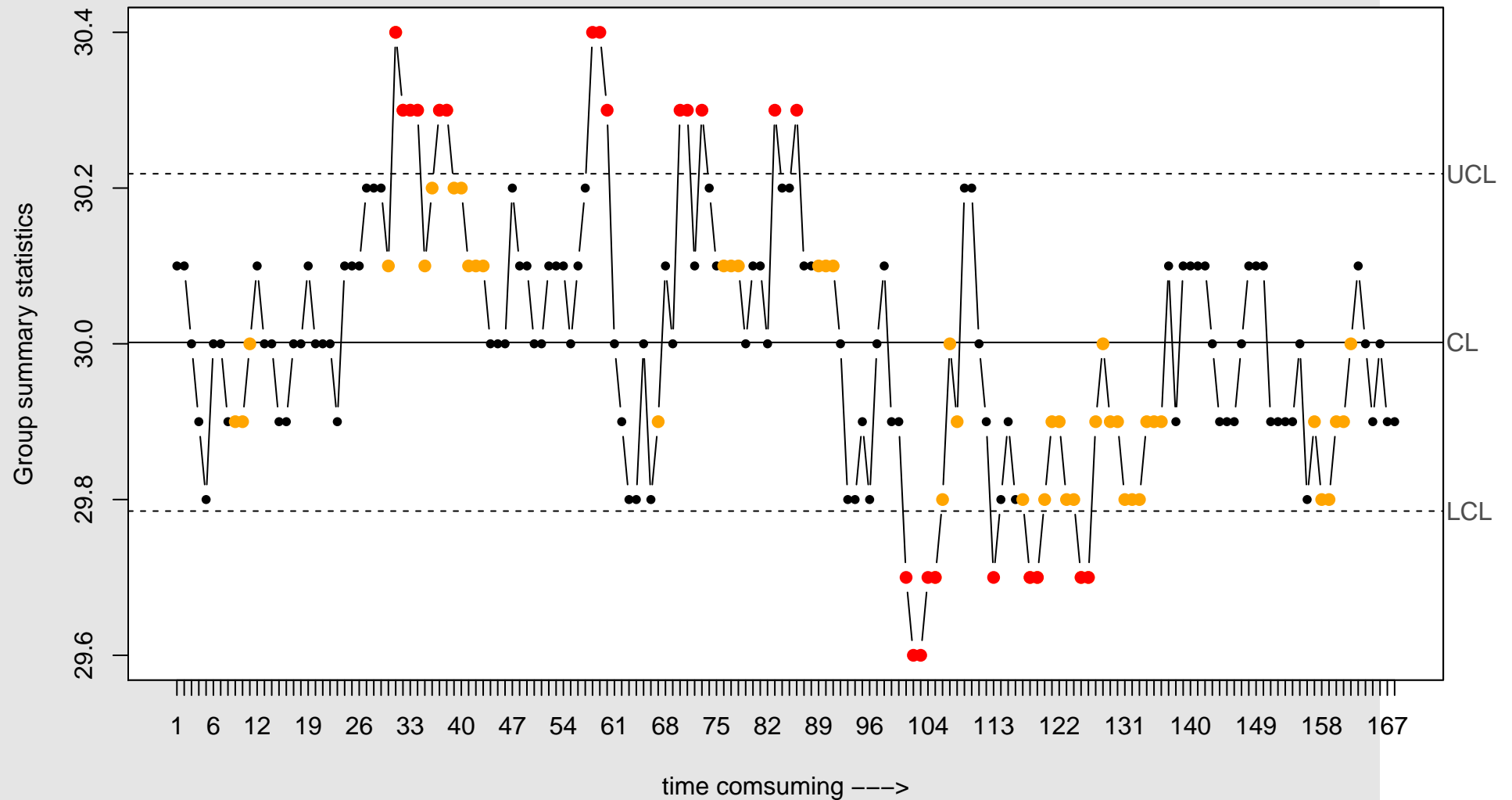
LCL = 29.8052

UCL = 30.26385

Number beyond limits = 30

Number violating runs = 49

211th column point of this product



Number of groups = 168

Center = 30.00179

StdDev = 0.07219603

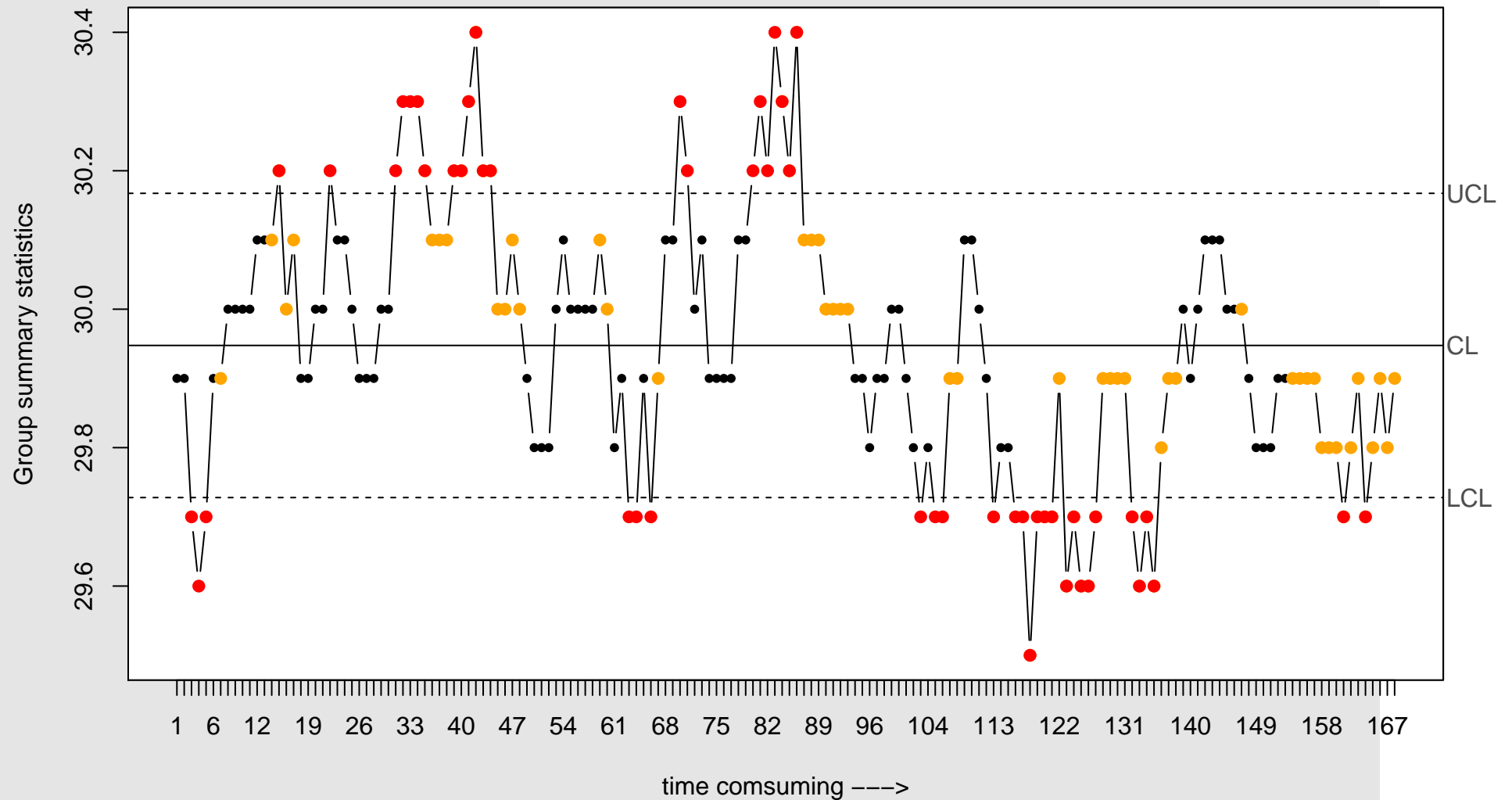
LCL = 29.7852

UCL = 30.21837

Number beyond limits = 24

Number violating runs = 54

212th column point of this product



Number of groups = 168

Center = 29.94762

StdDev = 0.07325774

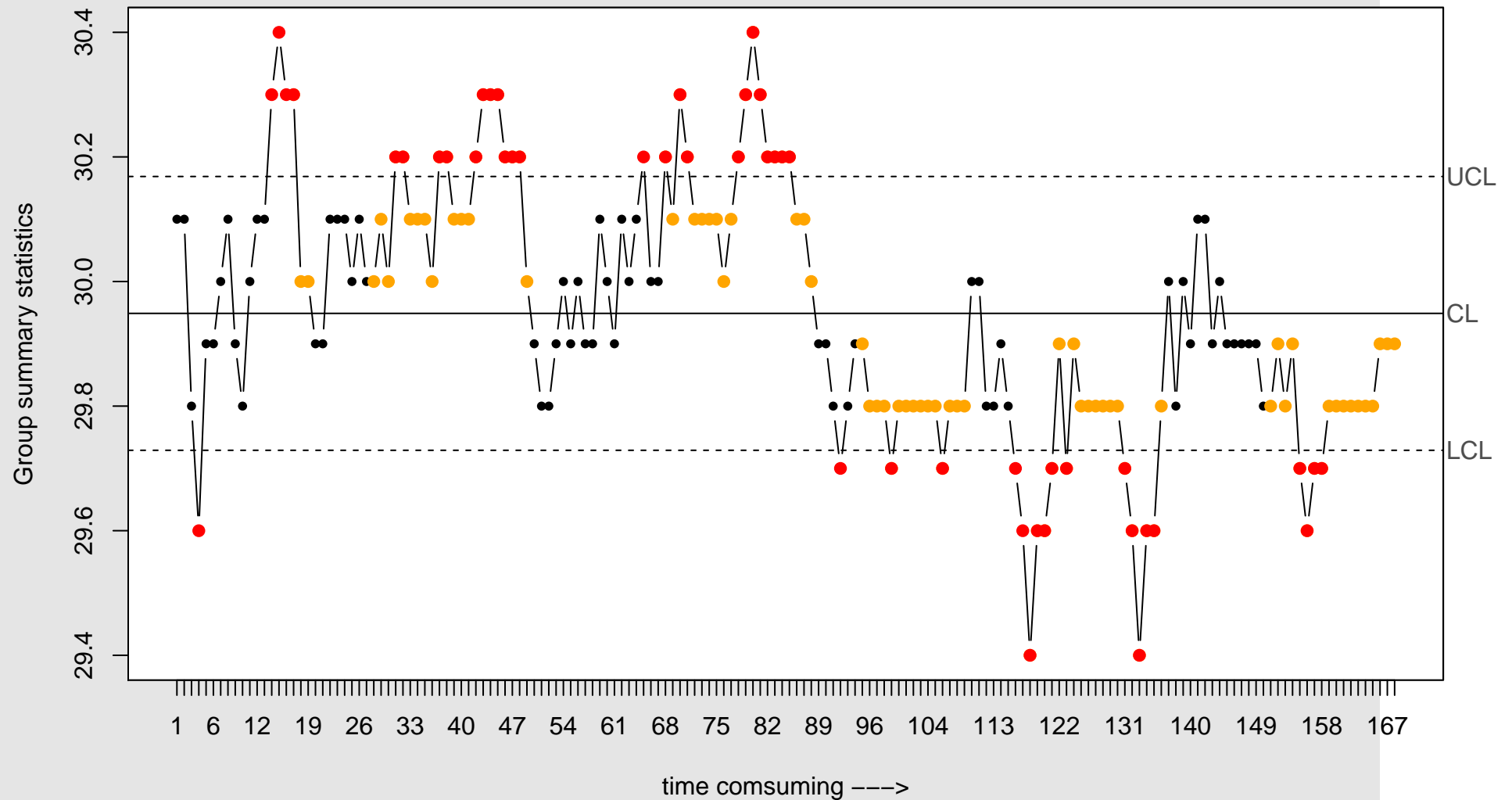
LCL = 29.72785

UCL = 30.16739

Number beyond limits = 49

Number violating runs = 71

213th column point of this product



Number of groups = 168

Center = 29.94881

StdDev = 0.07325774

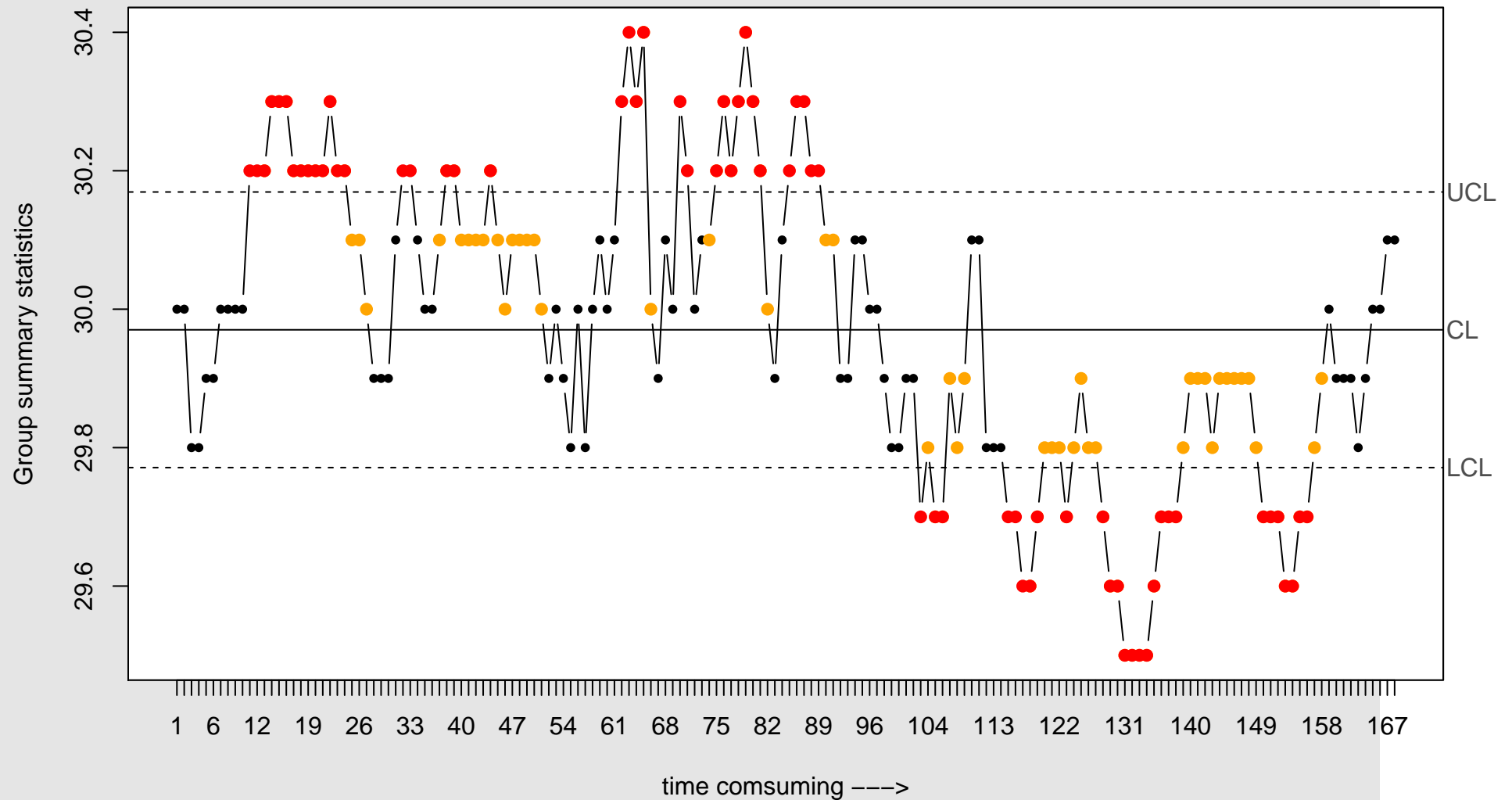
LCL = 29.72904

UCL = 30.16858

Number beyond limits = 47

Number violating runs = 98

214th column point of this product



Number of groups = 168

Center = 29.97024

StdDev = 0.06635665

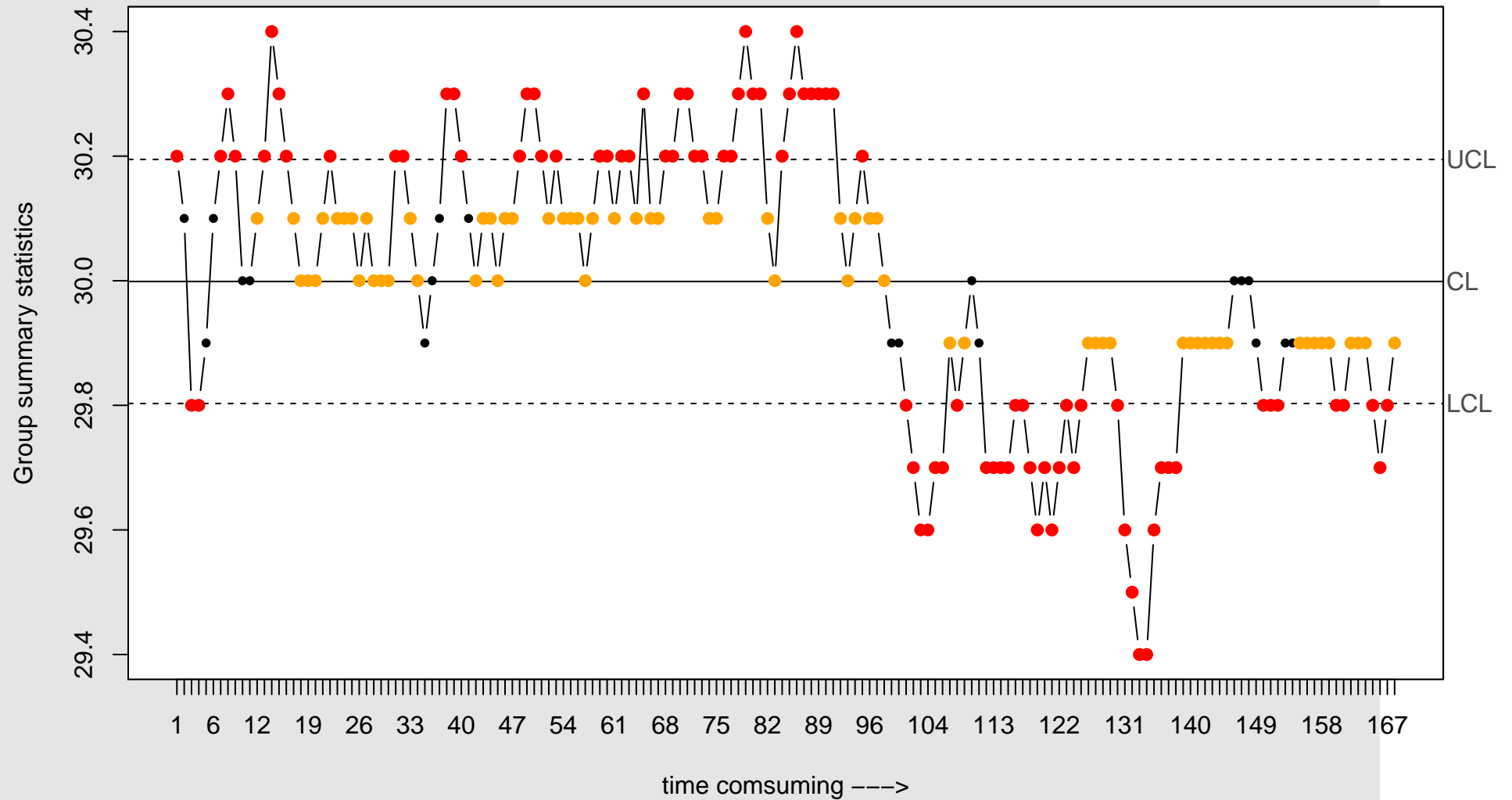
LCL = 29.77117

UCL = 30.16931

Number beyond limits = 64

Number violating runs = 91

215th column point of this product



Number of groups = 168

Center = 29.99881

StdDev = 0.06529494

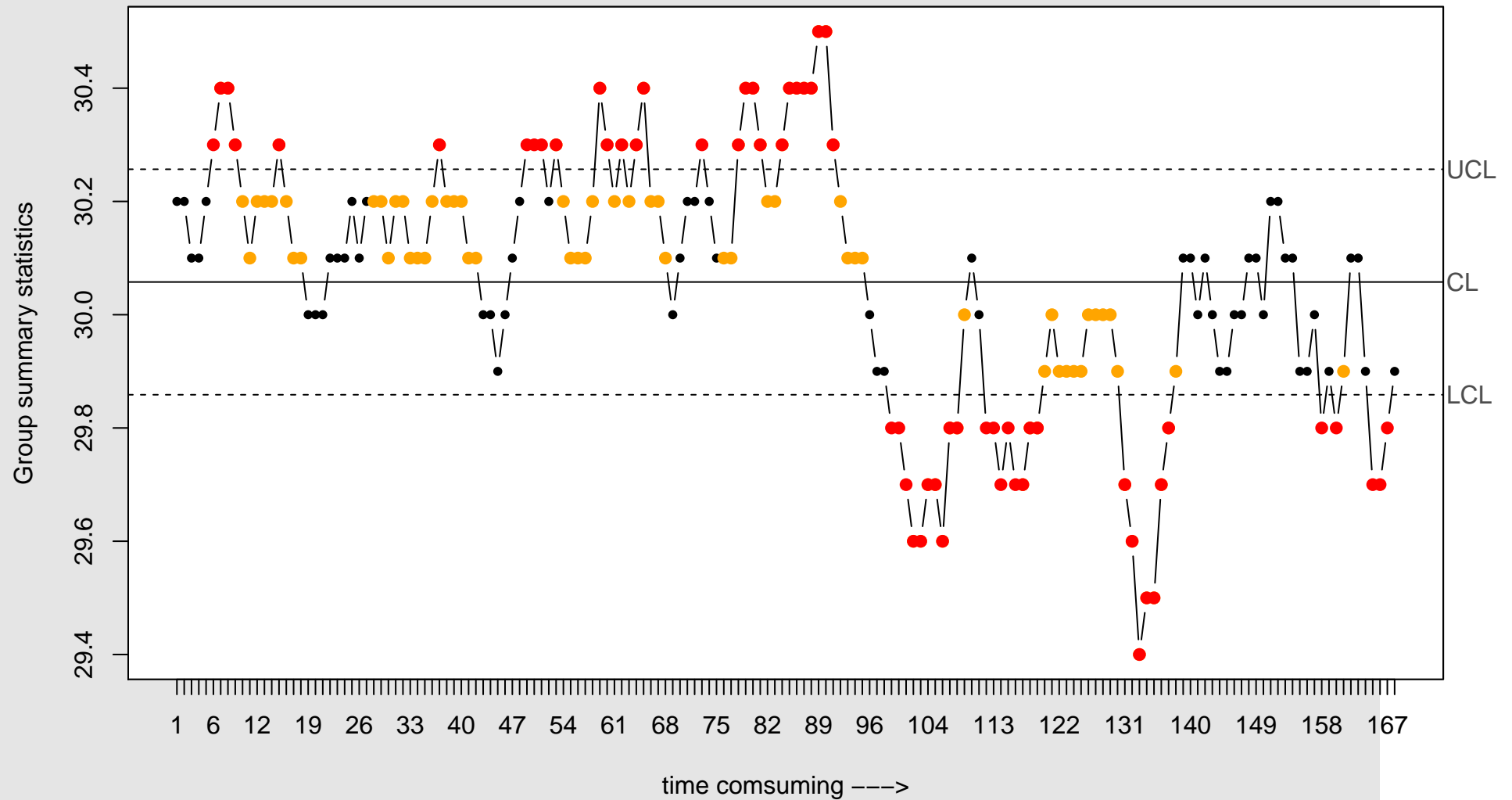
LCL = 29.80292

UCL = 30.19469

Number beyond limits = 85

Number violating runs = 128

216th column point of this product

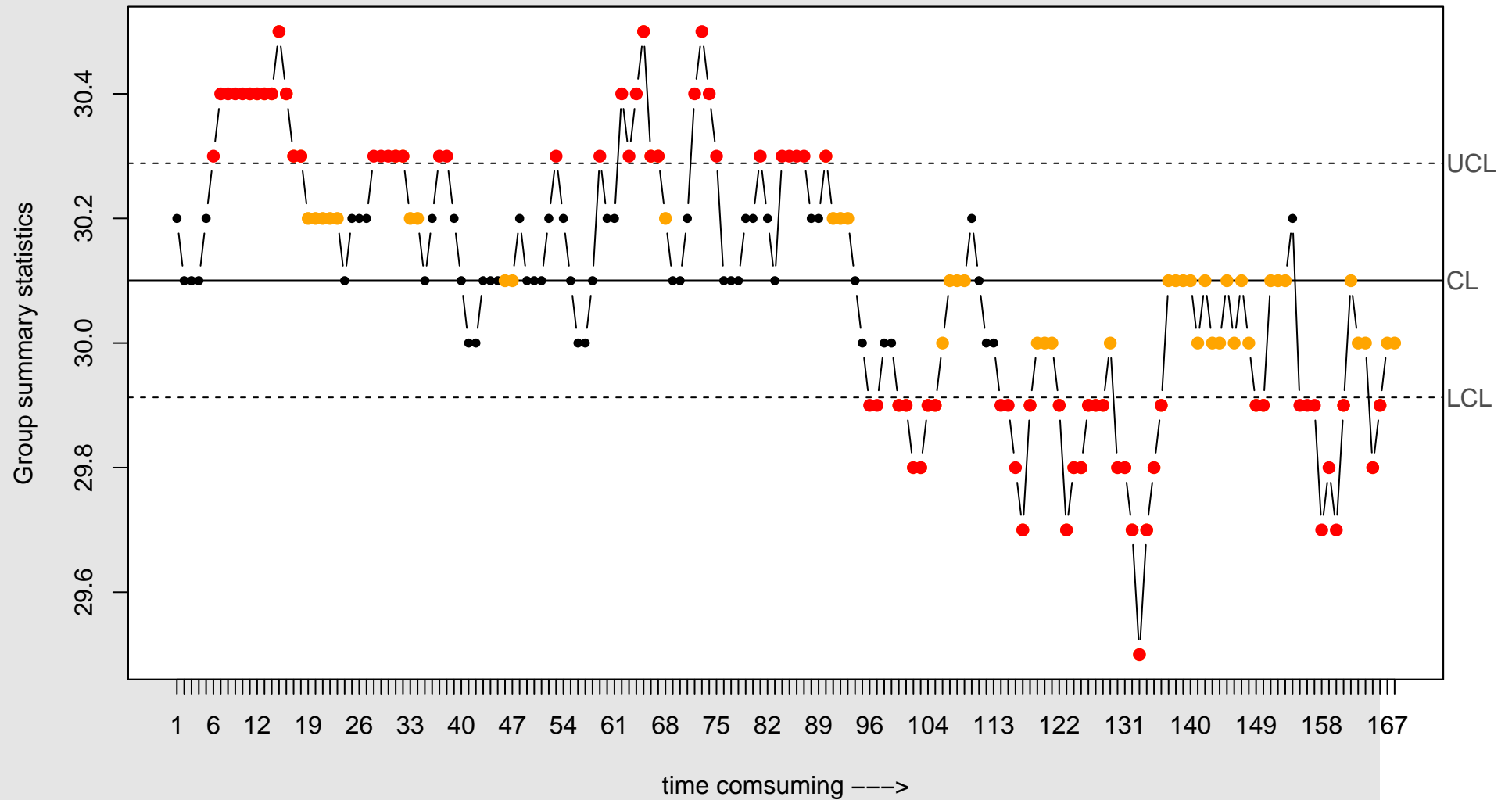


Number of groups = 168
 Center = 30.05774
 StdDev = 0.06635665

LCL = 29.85867
 UCL = 30.25681

Number beyond limits = 58
 Number violating runs = 94

217th column point of this product

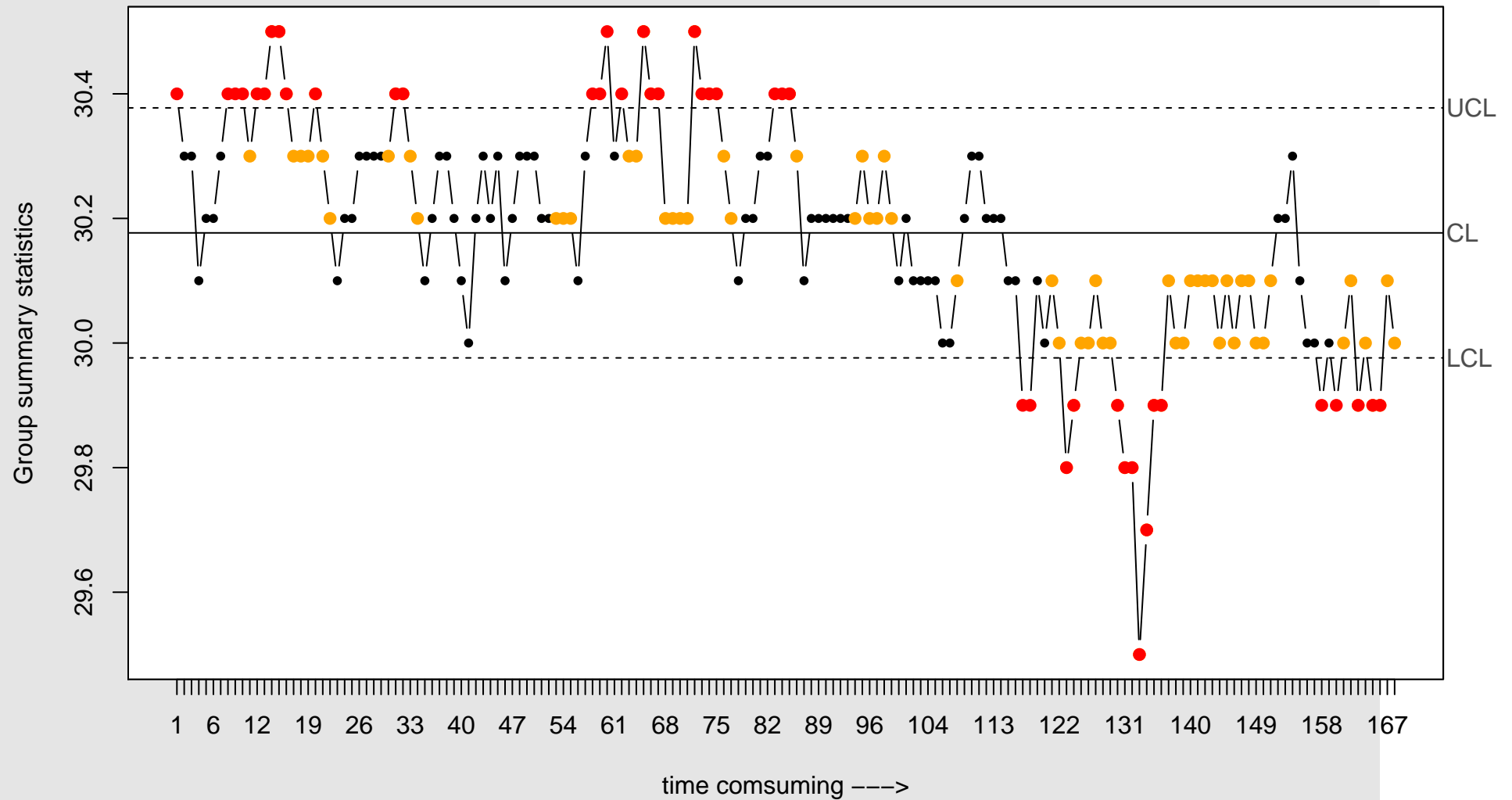


Number of groups = 168
Center = 30.1006
StdDev = 0.06264068

LCL = 29.91267
UCL = 30.28852

Number beyond limits = 76
Number violating runs = 82

218th column point of this product



Number of groups = 168

Center = 30.17679

StdDev = 0.0668875

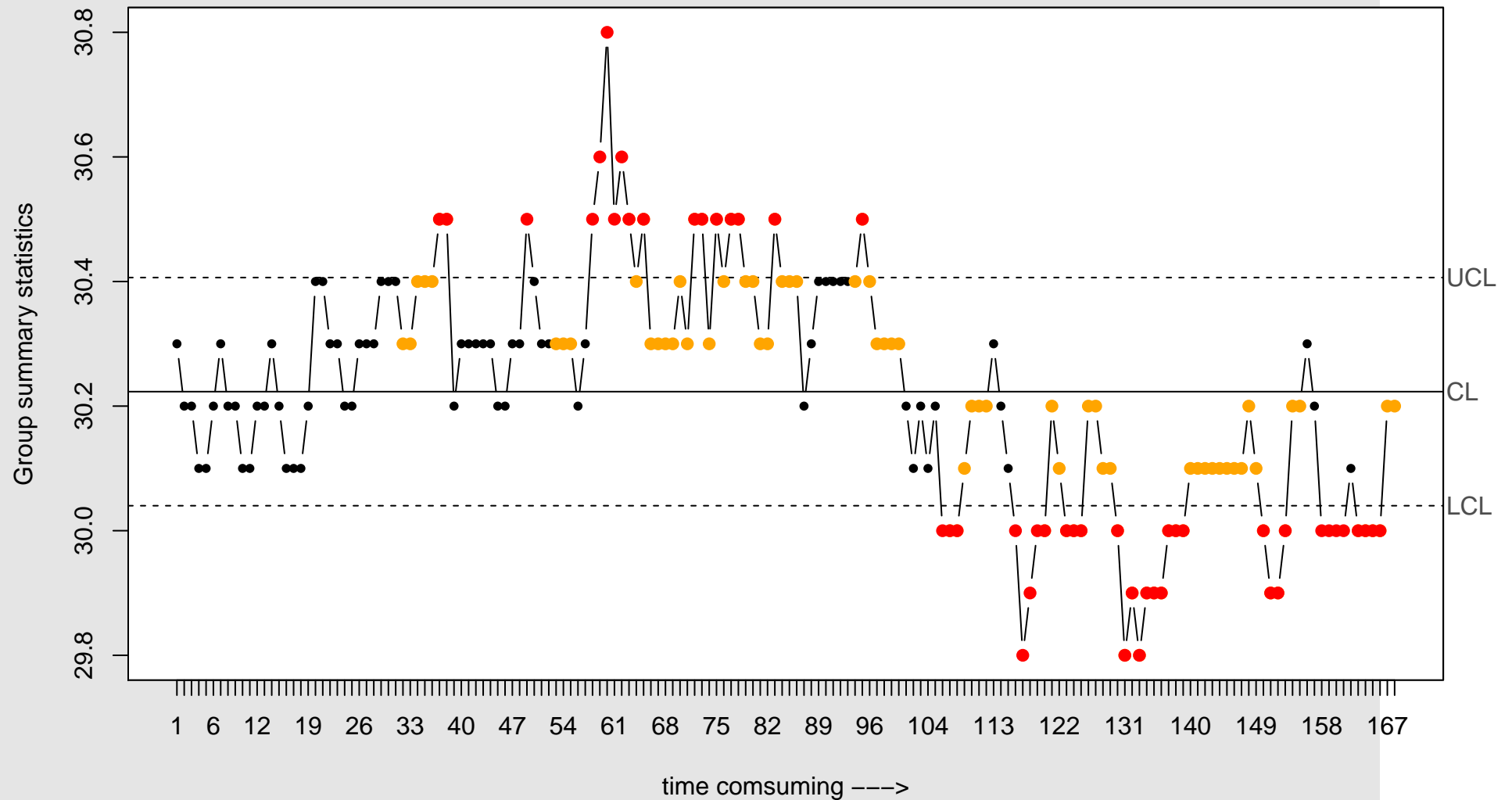
LCL = 29.97612

UCL = 30.37745

Number beyond limits = 42

Number violating runs = 83

219th column point of this product



Number of groups = 168

Center = 30.22321

StdDev = 0.06104812

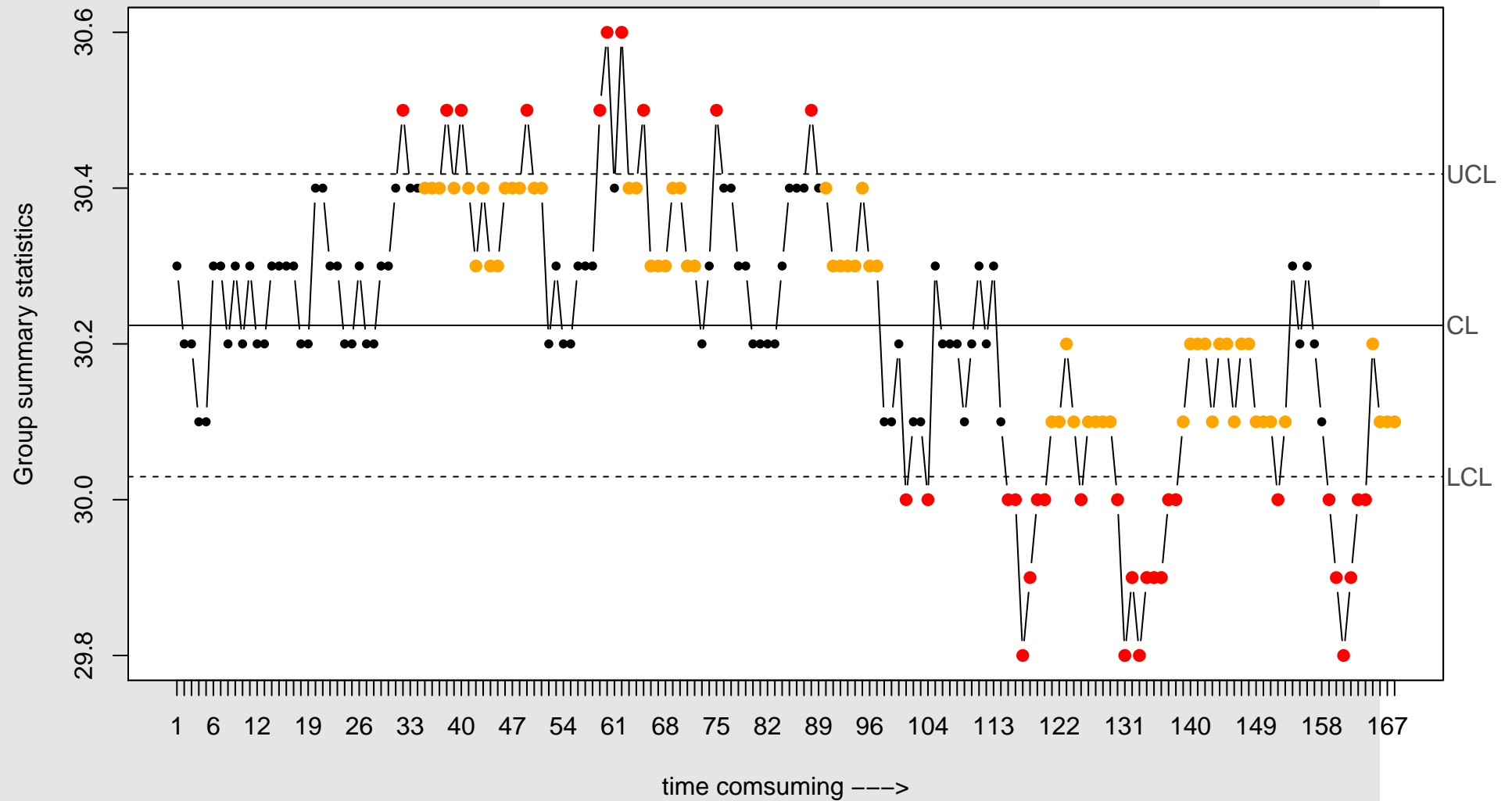
LCL = 30.04007

UCL = 30.40636

Number beyond limits = 50

Number violating runs = 89

220th column point of this product



Number of groups = 168

Center = 30.22381

StdDev = 0.06476409

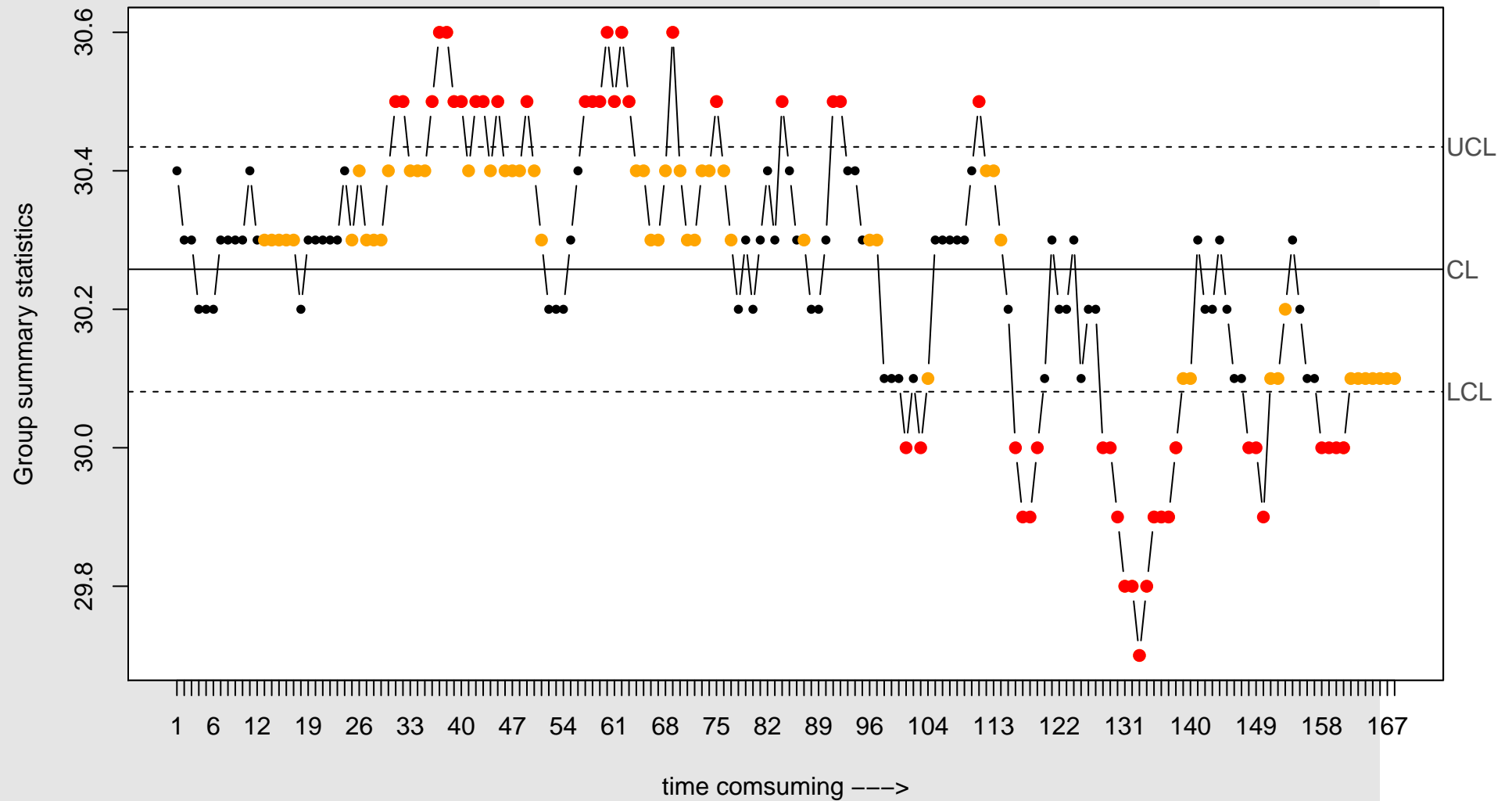
LCL = 30.02952

UCL = 30.4181

Number beyond limits = 35

Number violating runs = 77

221th column point of this product

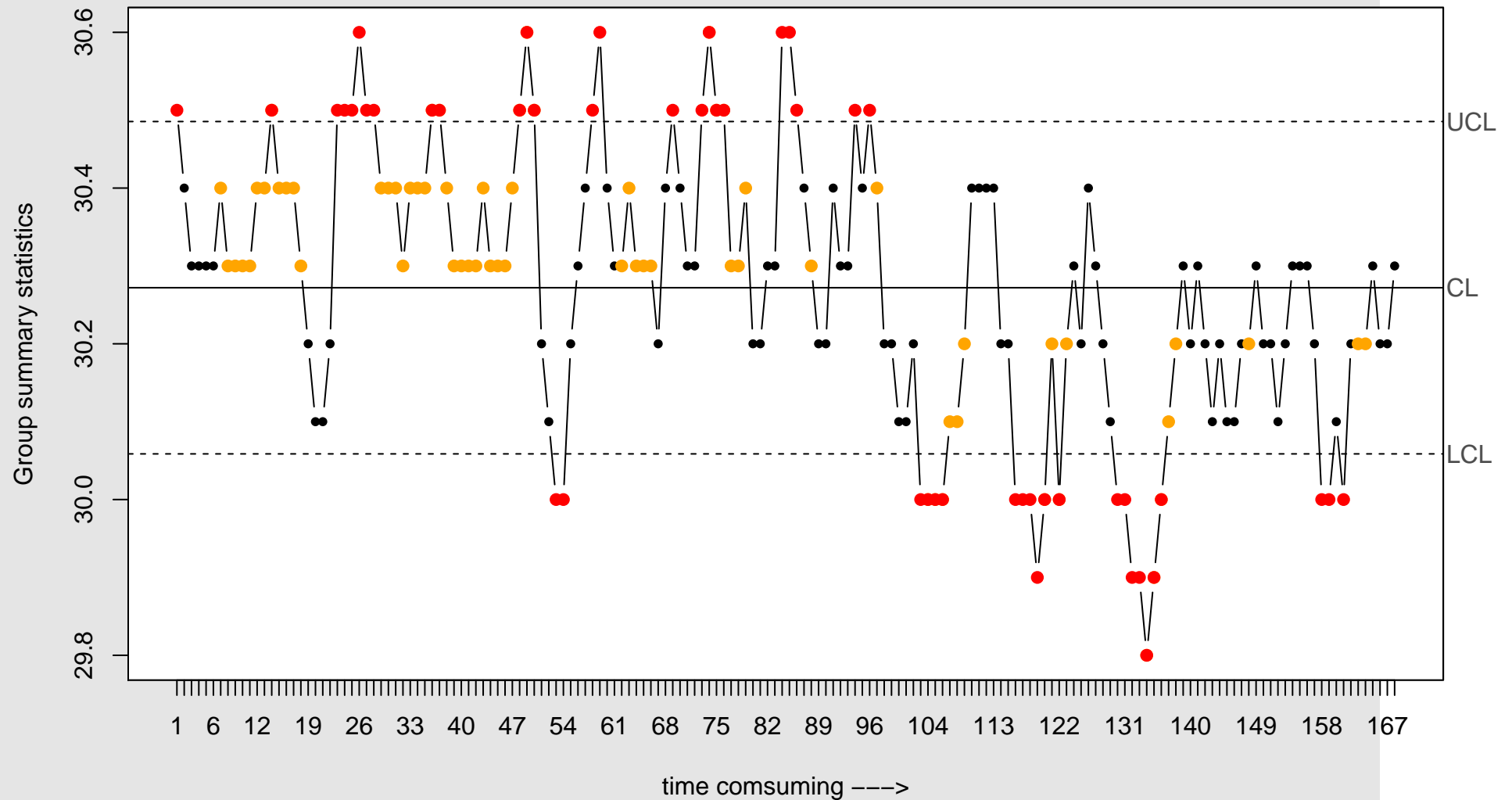


Number of groups = 168
Center = 30.25774
StdDev = 0.0589247

LCL = 30.08096
UCL = 30.43451

Number beyond limits = 48
Number violating runs = 78

222th column point of this product



Number of groups = 168

Center = 30.27202

StdDev = 0.07113433

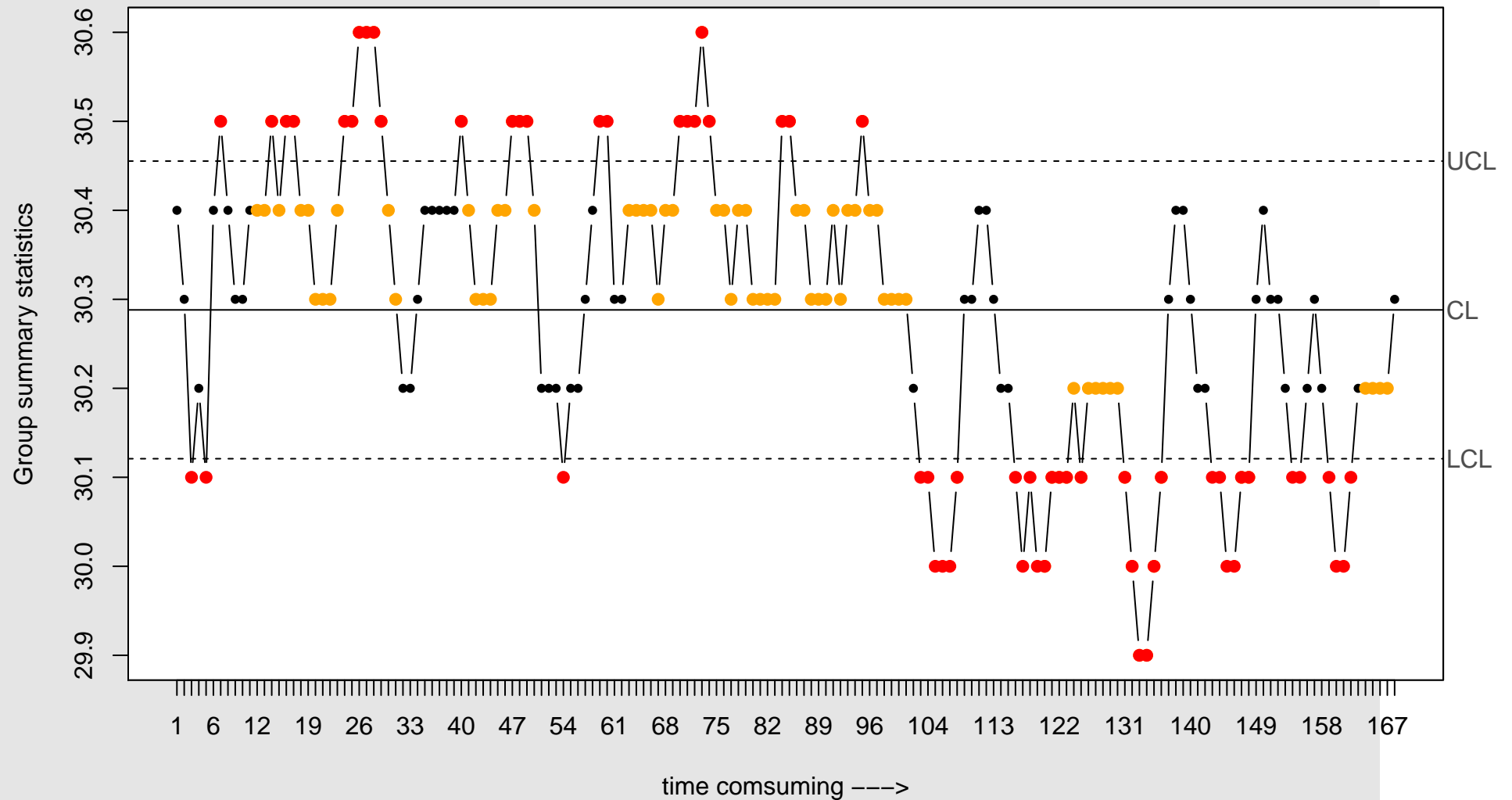
LCL = 30.05862

UCL = 30.48543

Number beyond limits = 47

Number violating runs = 65

223th column point of this product

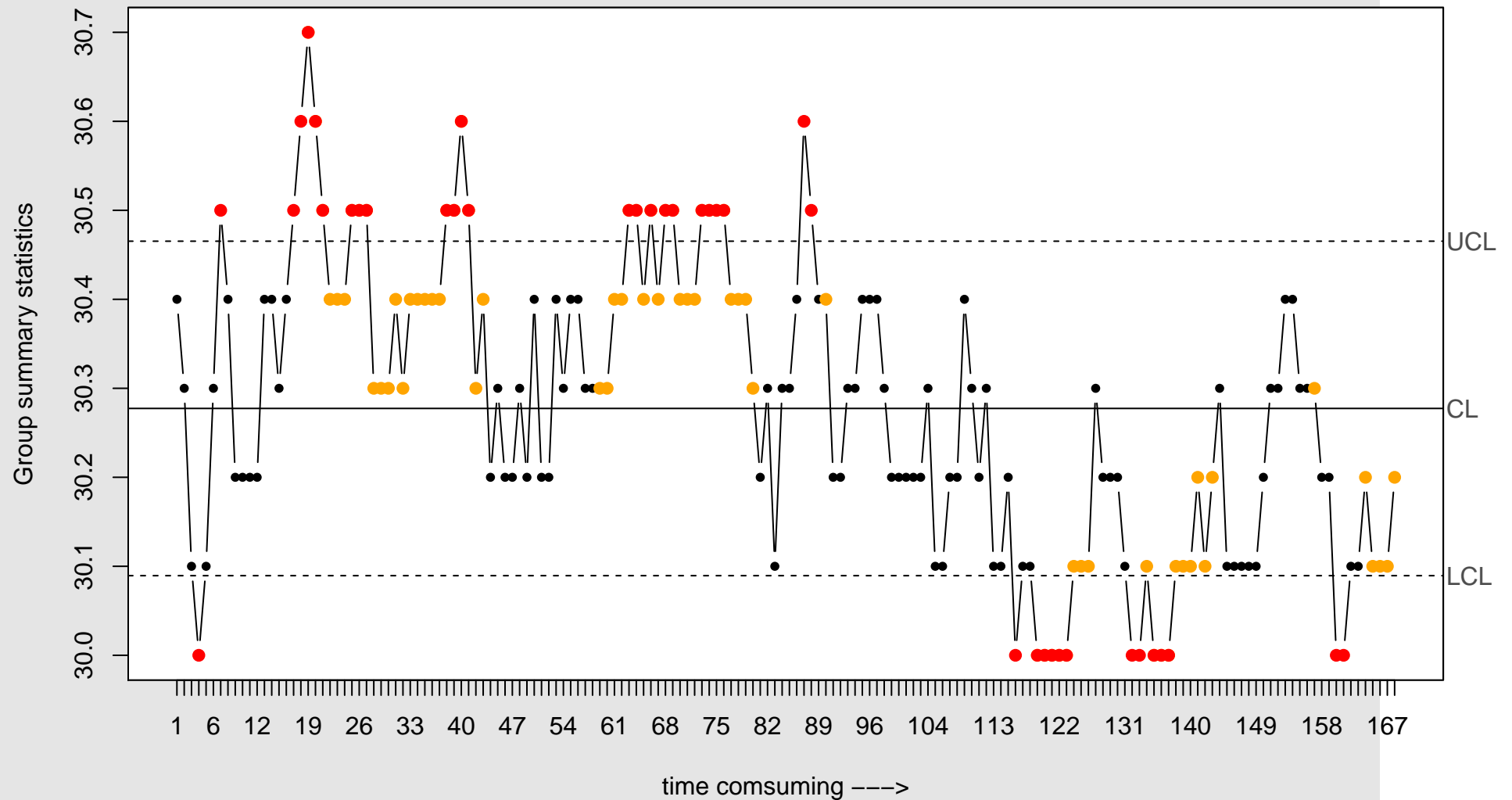


Number of groups = 168
 Center = 30.2881
 StdDev = 0.05573958

LCL = 30.12088
 UCL = 30.45531

Number beyond limits = 60
 Number violating runs = 94

224th column point of this product



Number of groups = 168

Center = 30.27738

StdDev = 0.06264068

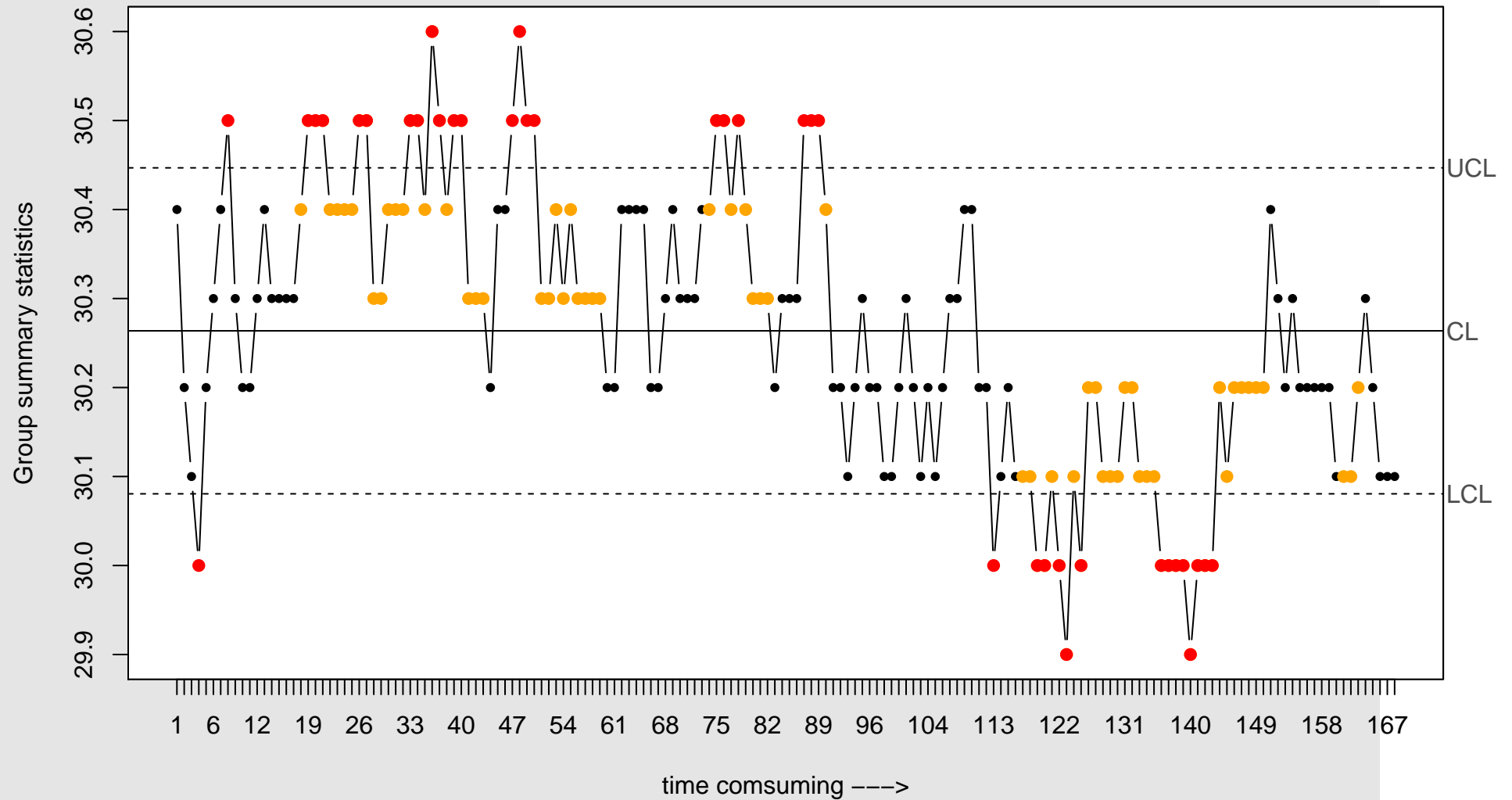
LCL = 30.08946

UCL = 30.4653

Number beyond limits = 38

Number violating runs = 72

225th column point of this product



Number of groups = 168

Center = 30.26369

StdDev = 0.06104812

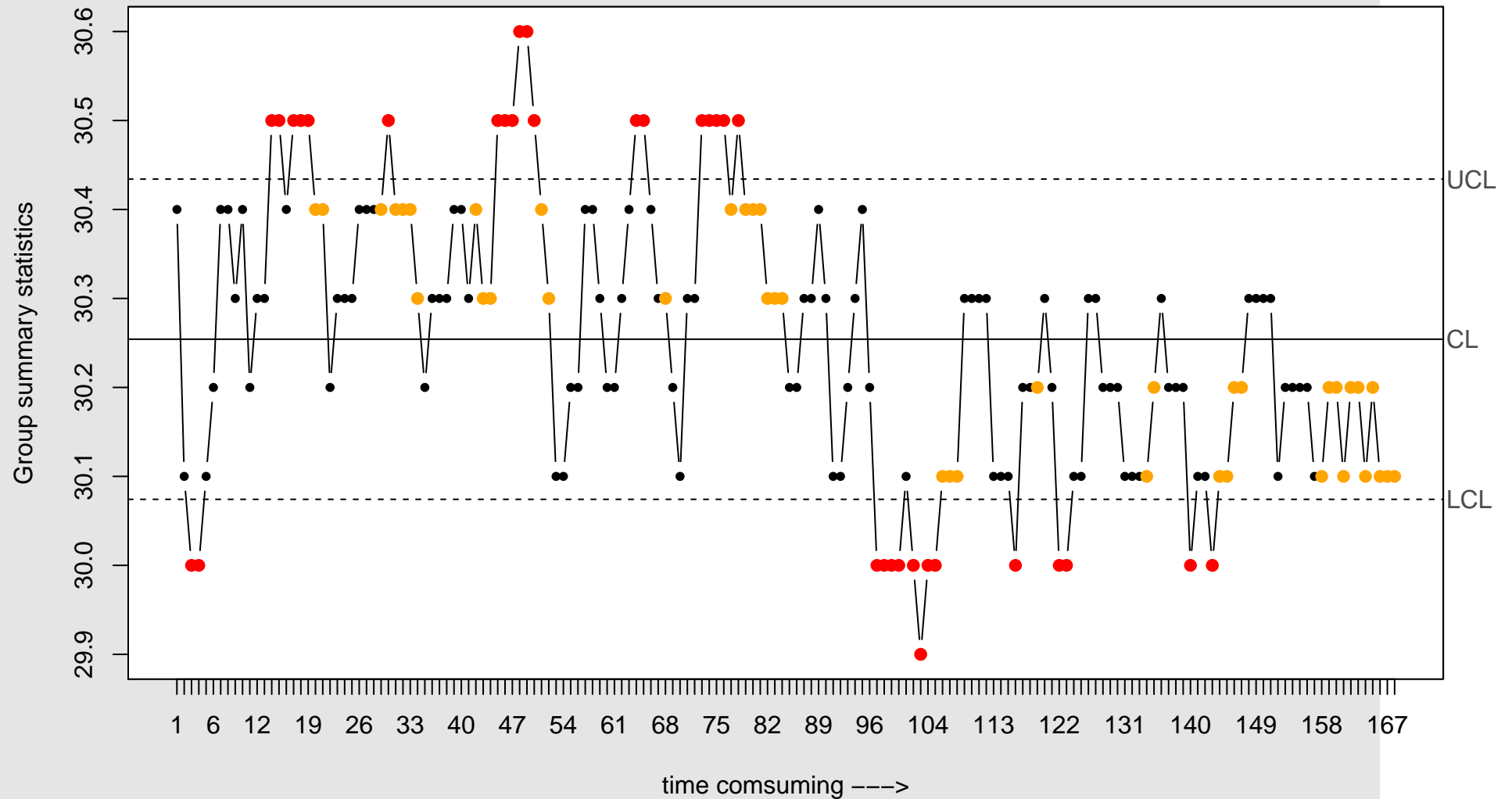
LCL = 30.08055

UCL = 30.44683

Number beyond limits = 37

Number violating runs = 82

226th column point of this product

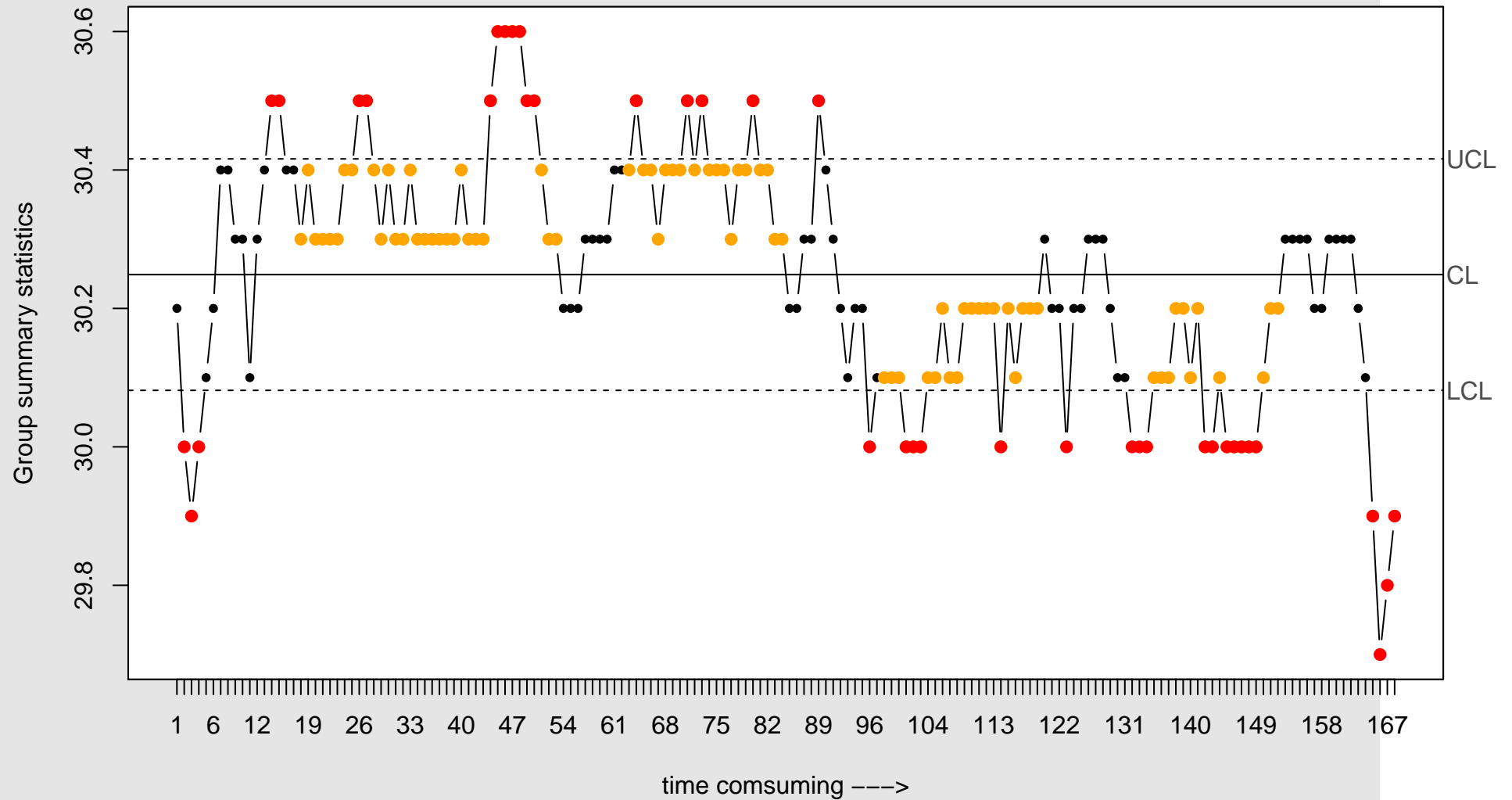


Number of groups = 168
 Center = 30.25417
 StdDev = 0.05998641

LCL = 30.07421
 UCL = 30.43413

Number beyond limits = 34
 Number violating runs = 56

227th column point of this product

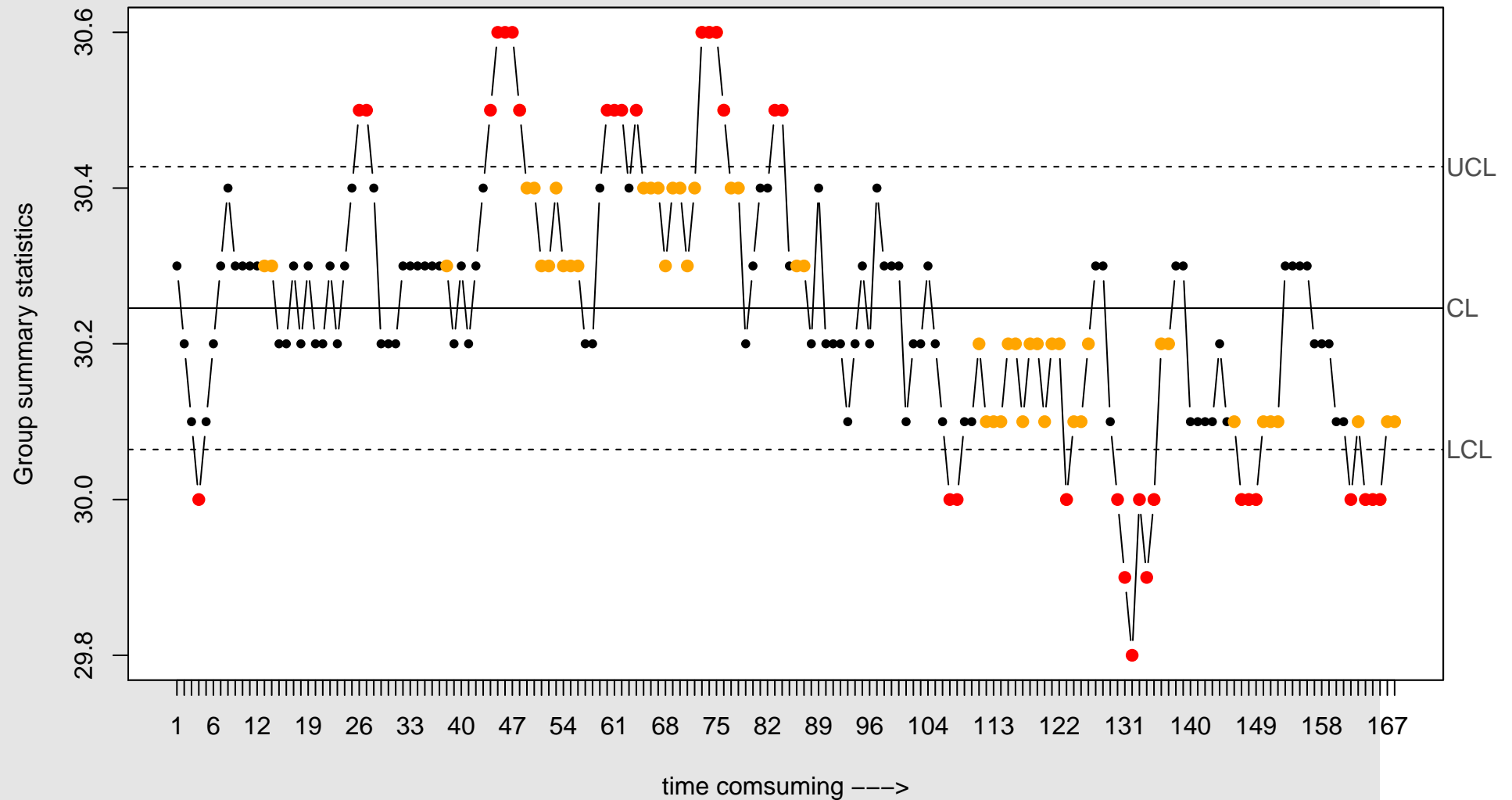


Number of groups = 168
 Center = 30.24881
 StdDev = 0.05573958

LCL = 30.08159
 UCL = 30.41603

Number beyond limits = 39
 Number violating runs = 98

228th column point of this product



Number of groups = 168

Center = 30.24583

StdDev = 0.06051726

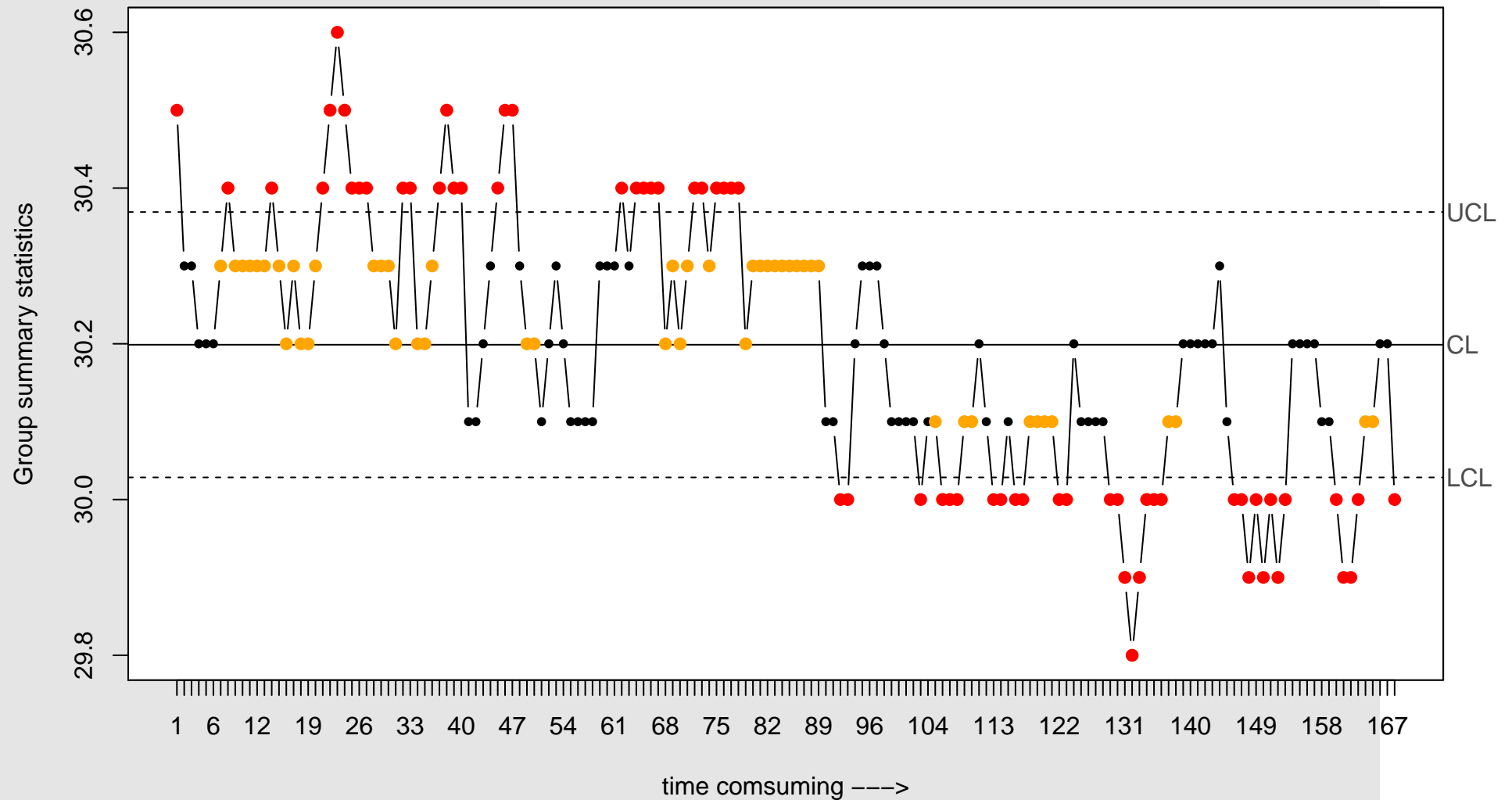
LCL = 30.06428

UCL = 30.42739

Number beyond limits = 34

Number violating runs = 60

229th column point of this product



Number of groups = 168

Center = 30.19881

StdDev = 0.05680129

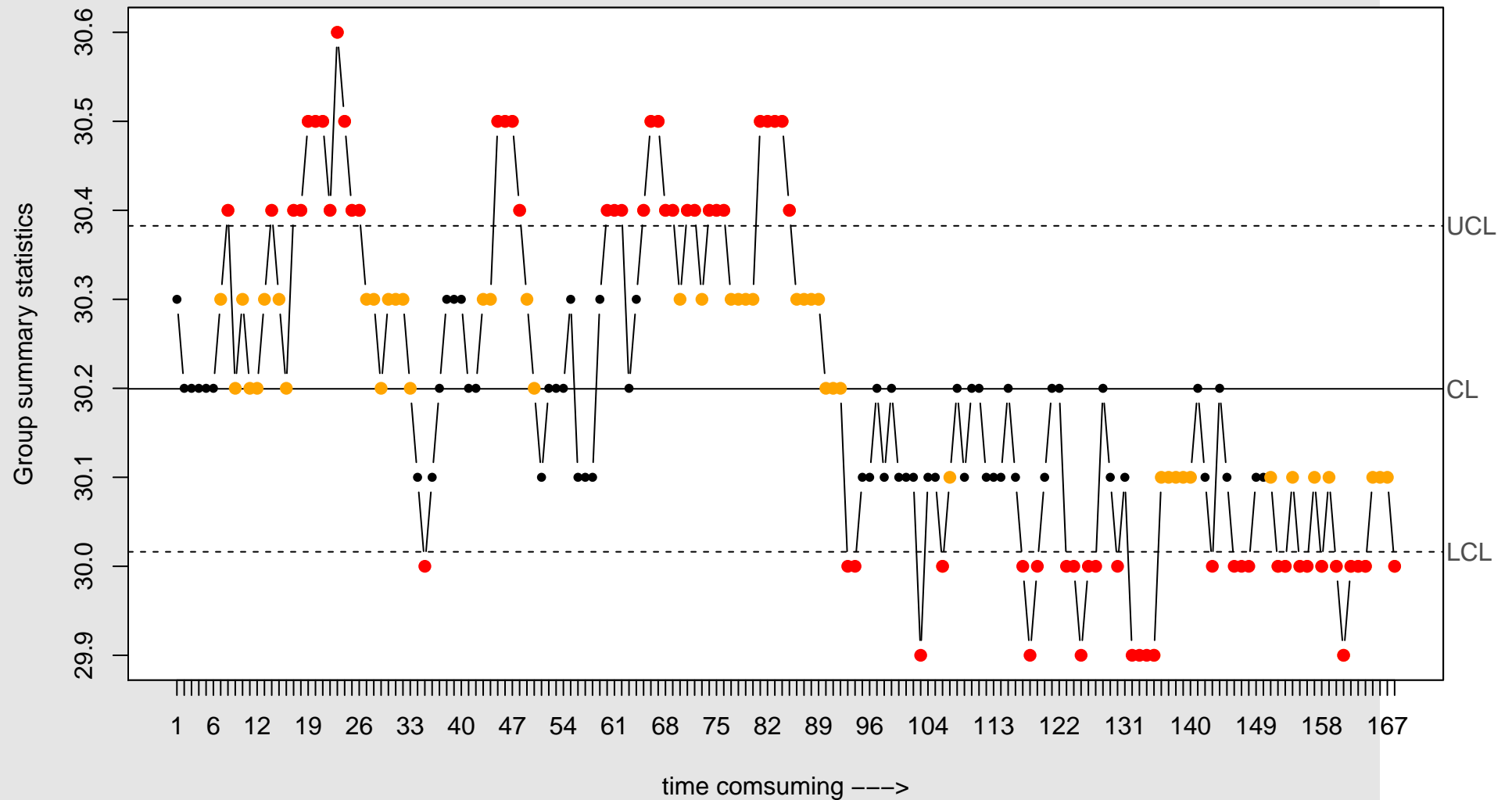
LCL = 30.02841

UCL = 30.36921

Number beyond limits = 63

Number violating runs = 86

230th column point of this product

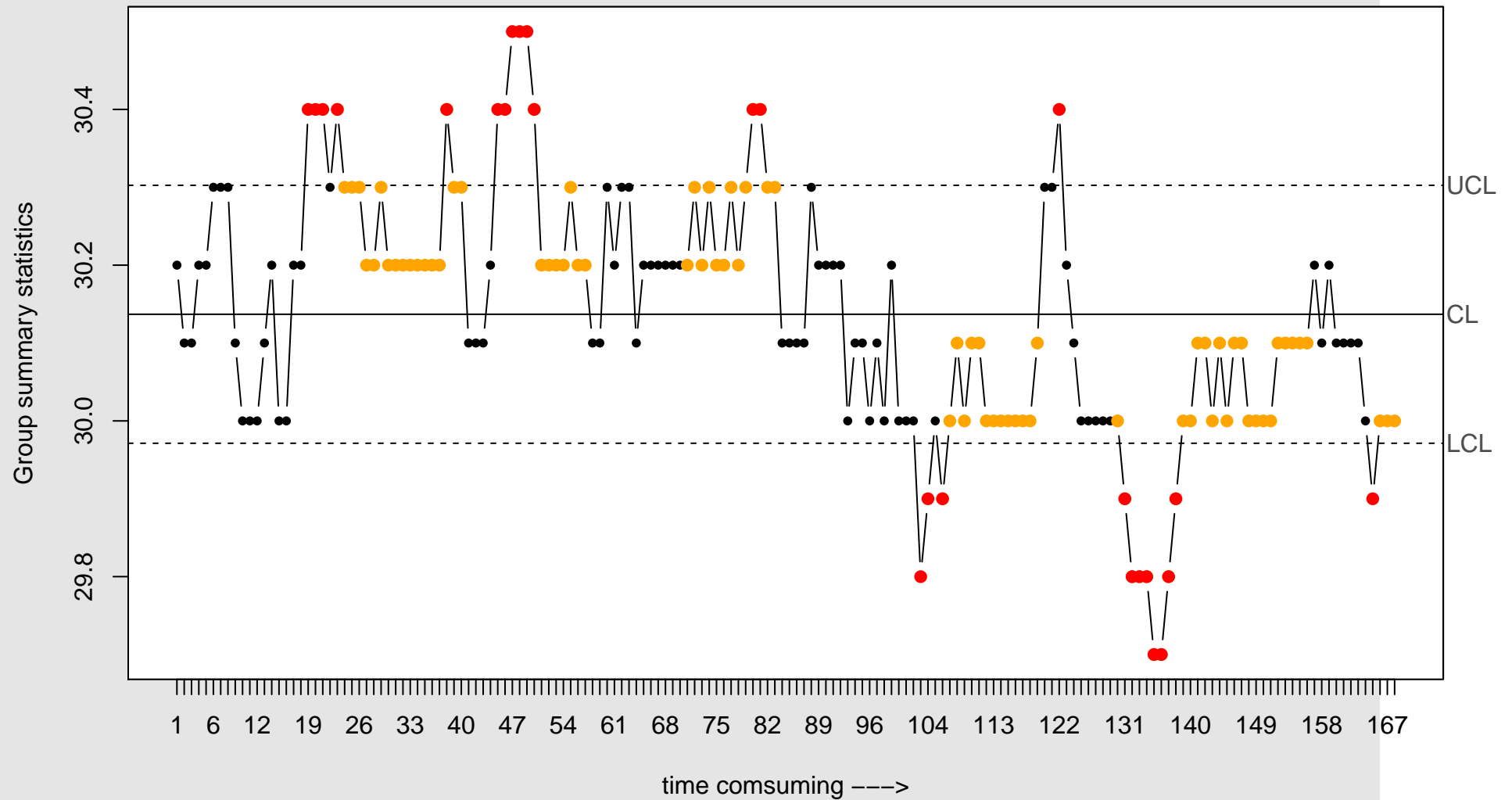


Number of groups = 168
 Center = 30.1994
 StdDev = 0.06104812

LCL = 30.01626
 UCL = 30.38255

Number beyond limits = 67
 Number violating runs = 89

231th column point of this product



Number of groups = 168

Center = 30.1369

StdDev = 0.05520873

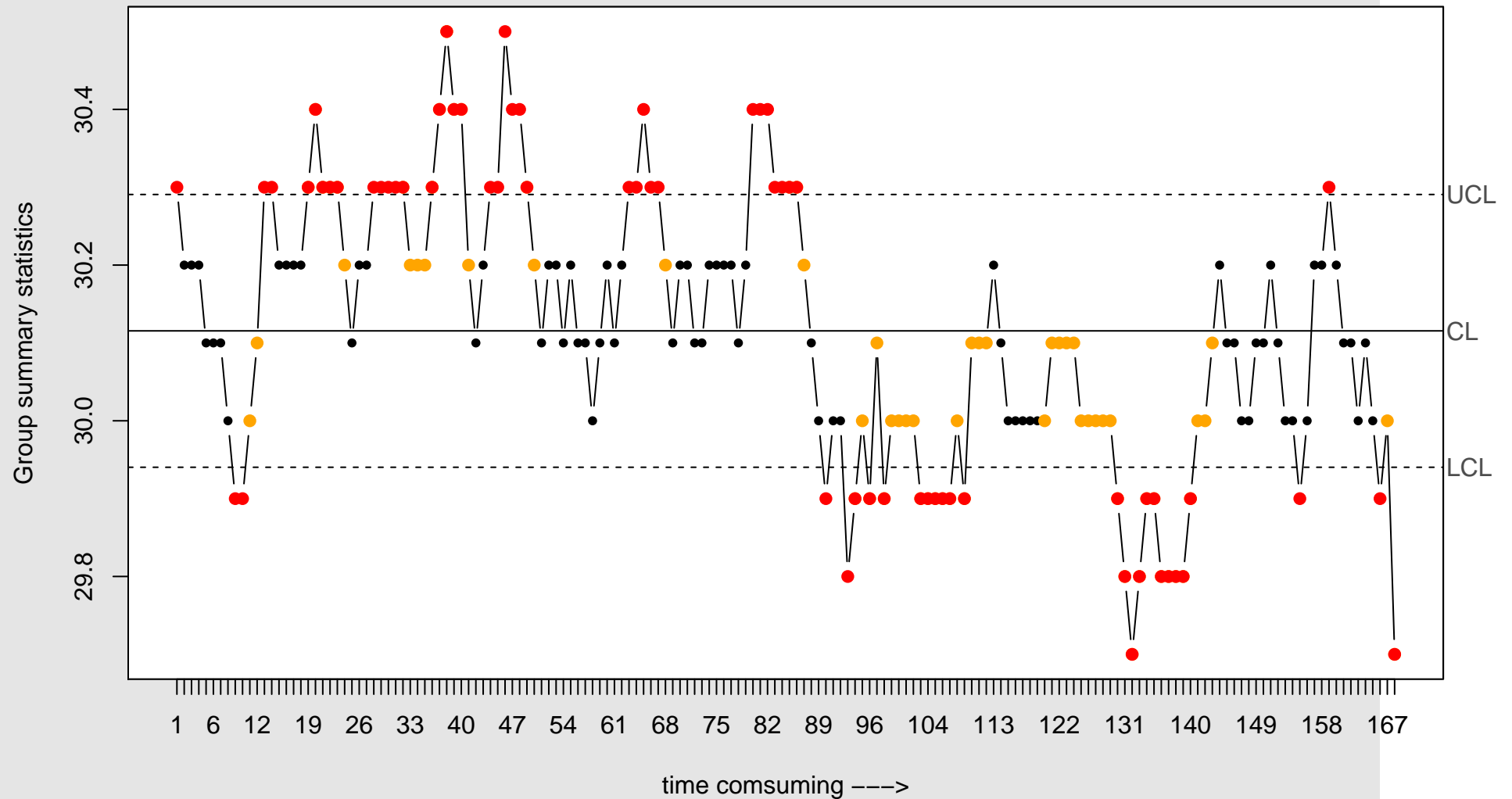
LCL = 29.97128

UCL = 30.30253

Number beyond limits = 26

Number violating runs = 83

232th column point of this product

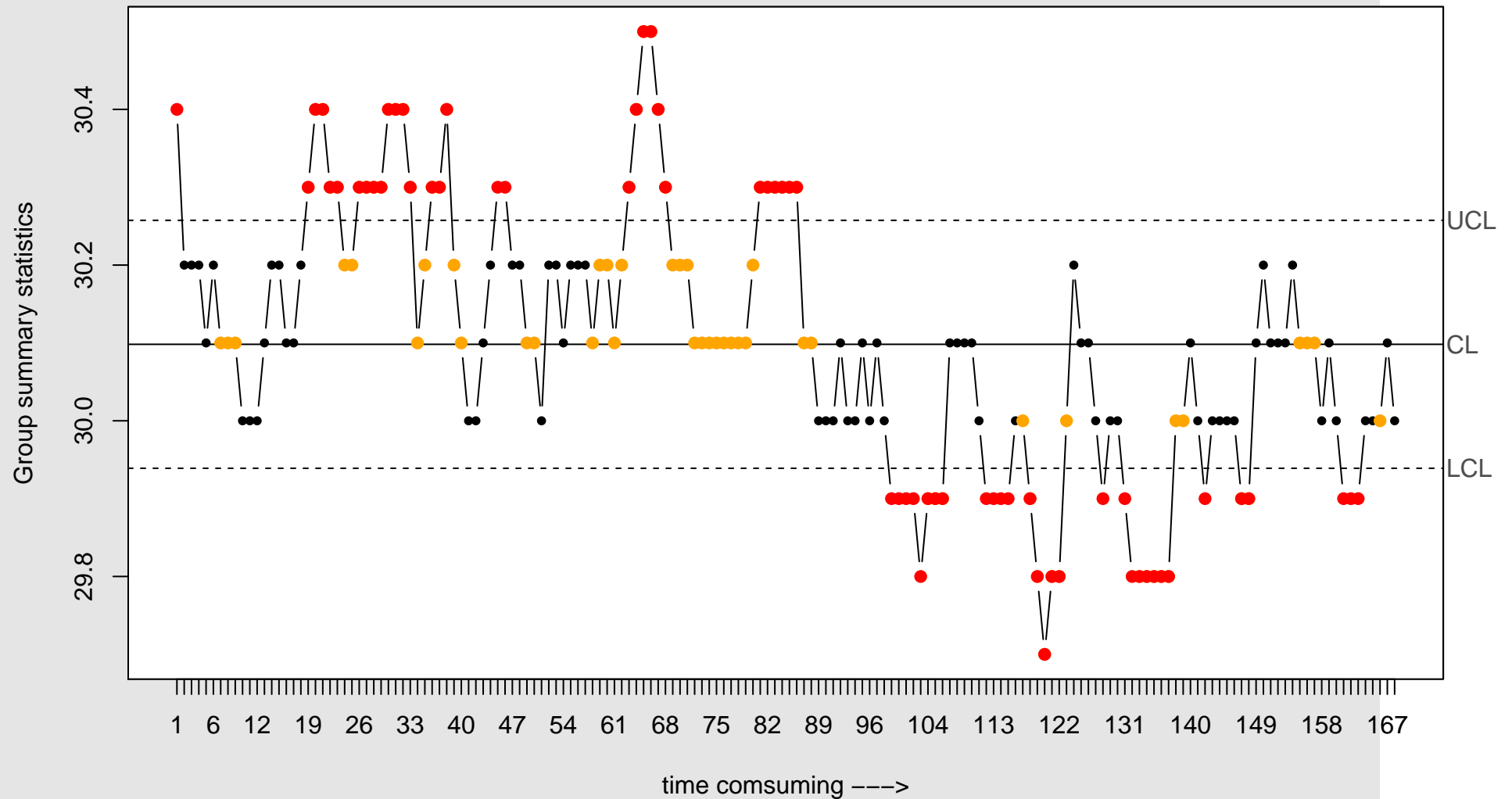


Number of groups = 168
 Center = 30.11548
 StdDev = 0.05839385

LCL = 29.94029
 UCL = 30.29066

Number beyond limits = 64
 Number violating runs = 69

233th column point of this product

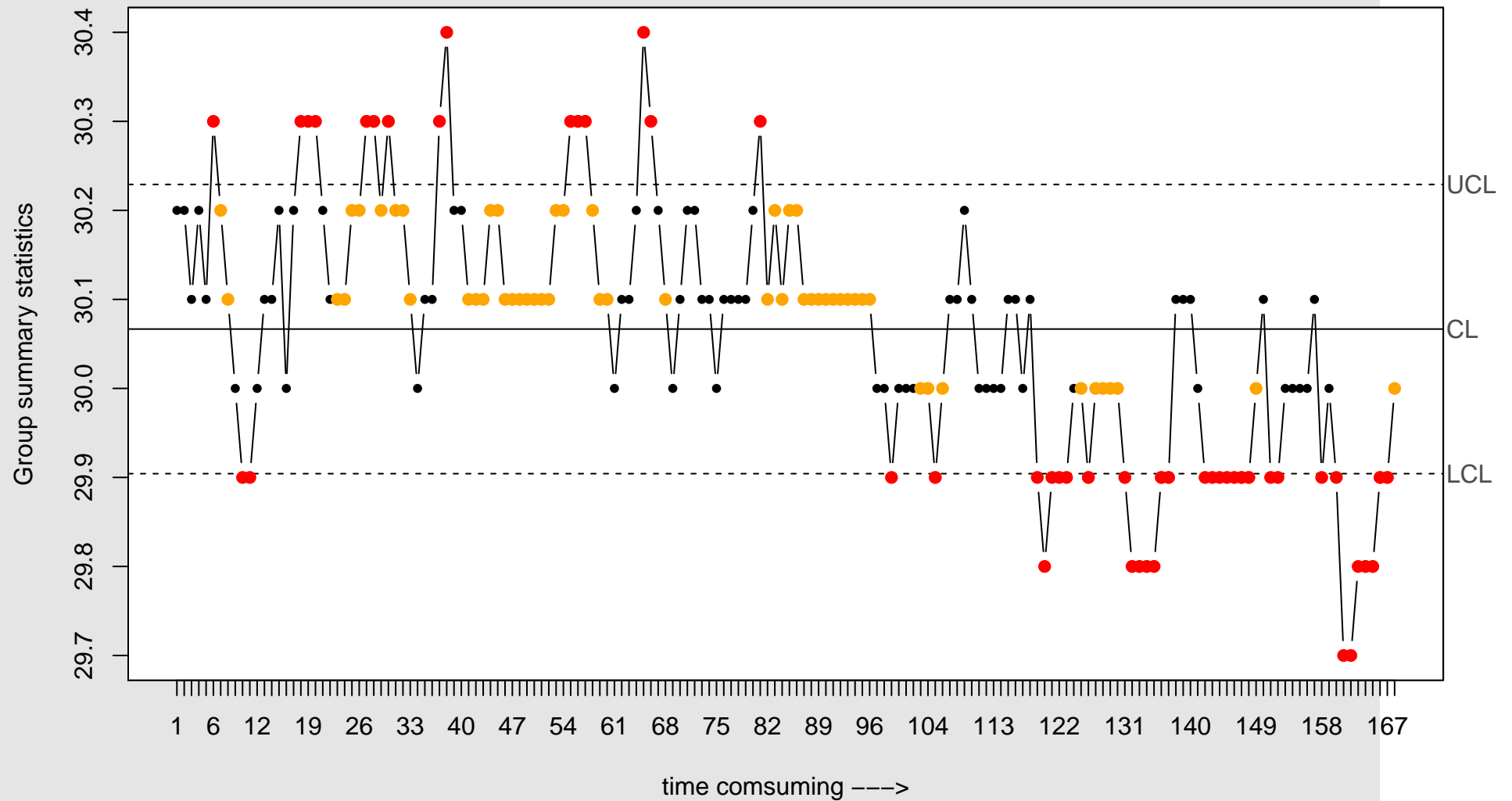


Number of groups = 168
 Center = 30.09821
 StdDev = 0.05308532

LCL = 29.93896
 UCL = 30.25747

Number beyond limits = 62
 Number violating runs = 81

234th column point of this product



Number of groups = 168

Center = 30.06667

StdDev = 0.05414703

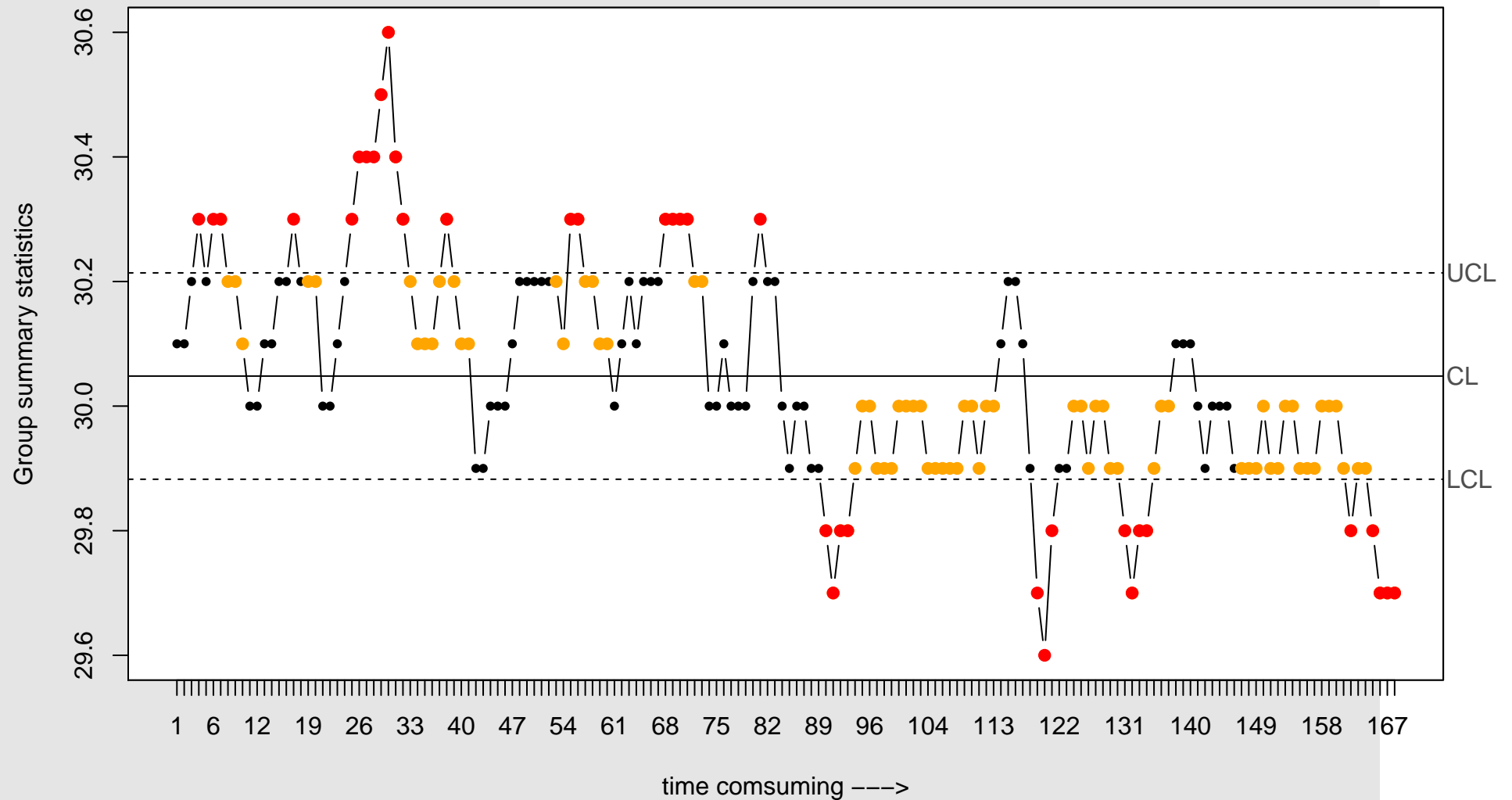
LCL = 29.90423

UCL = 30.22911

Number beyond limits = 50

Number violating runs = 74

235th column point of this product



Number of groups = 168

Center = 30.04821

StdDev = 0.05520873

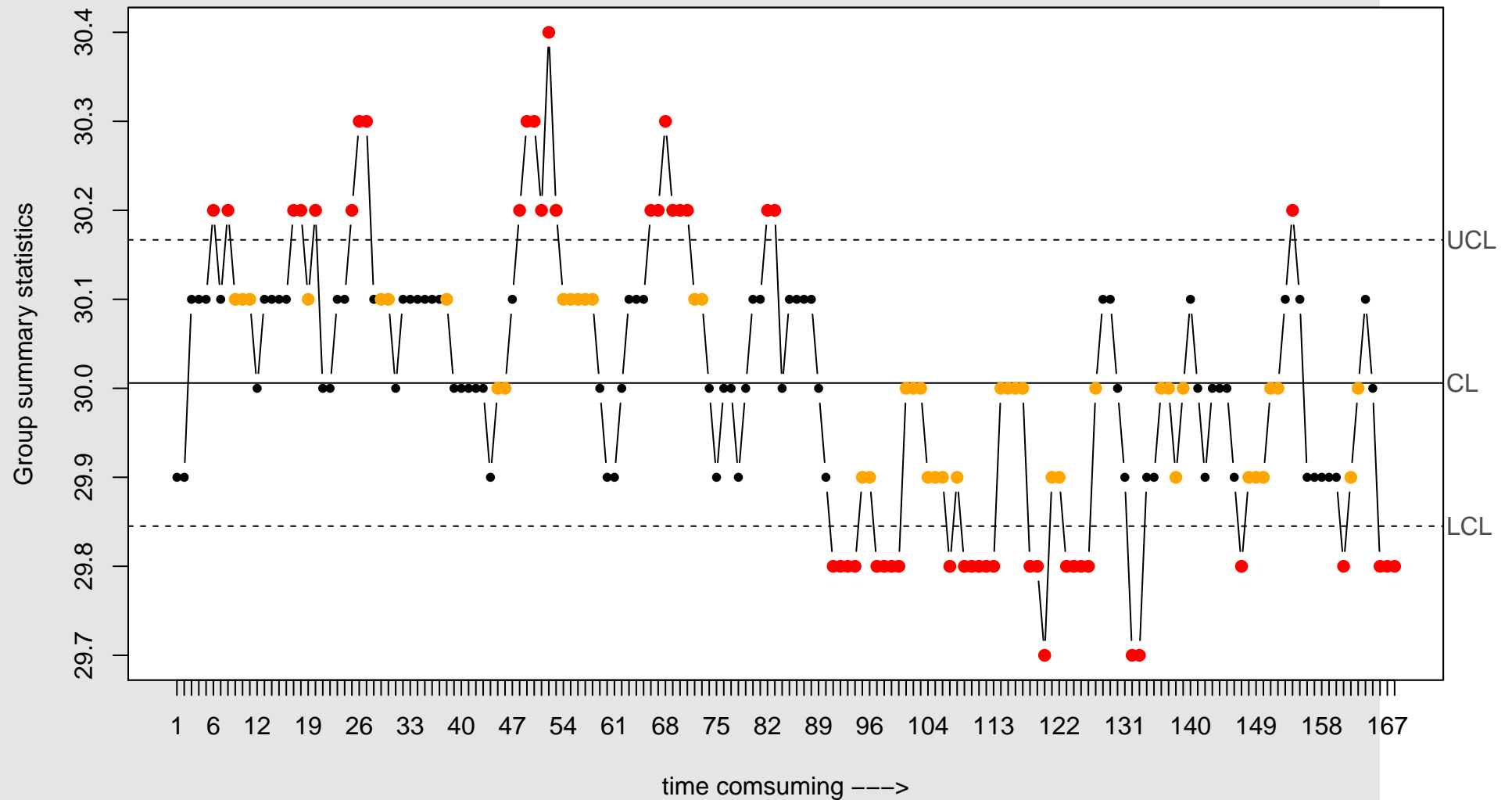
LCL = 29.88259

UCL = 30.21384

Number beyond limits = 36

Number violating runs = 93

236th column point of this product



Number of groups = 168

Center = 30.00595

StdDev = 0.05361617

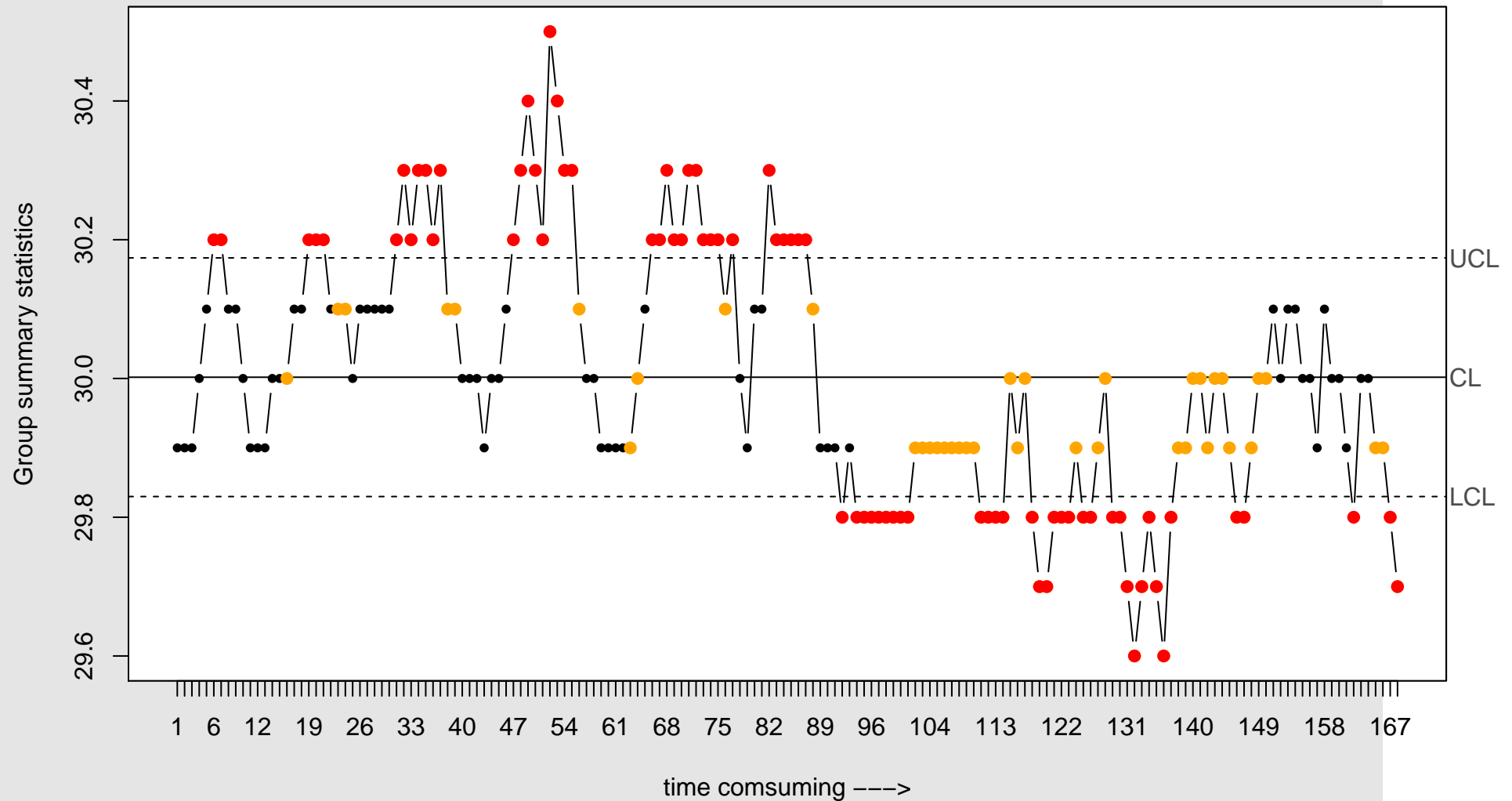
LCL = 29.8451

UCL = 30.1668

Number beyond limits = 51

Number violating runs = 66

237th column point of this product



Number of groups = 168

Center = 30.00179

StdDev = 0.05733214

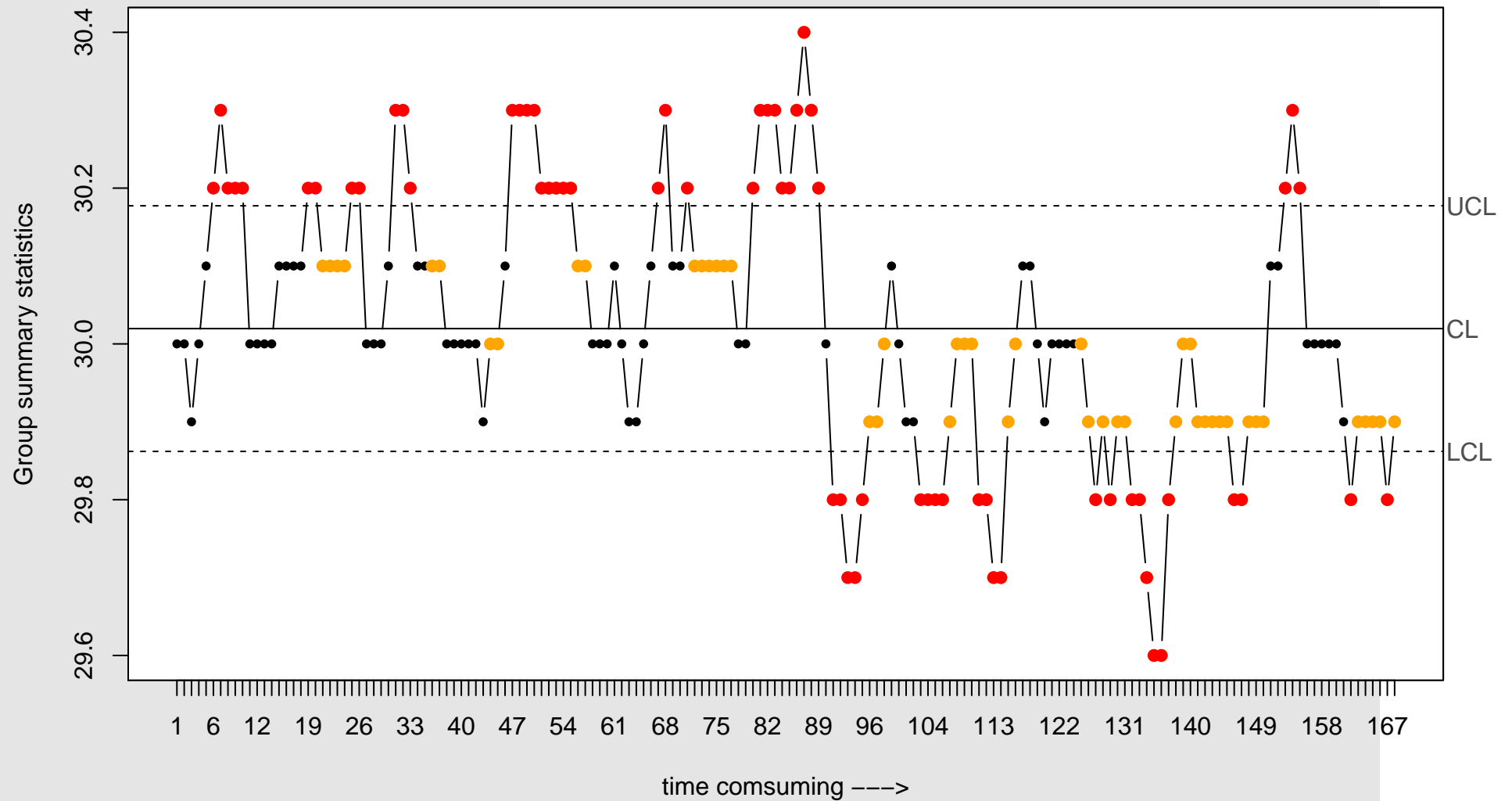
LCL = 29.82979

UCL = 30.17378

Number beyond limits = 73

Number violating runs = 88

238th column point of this product

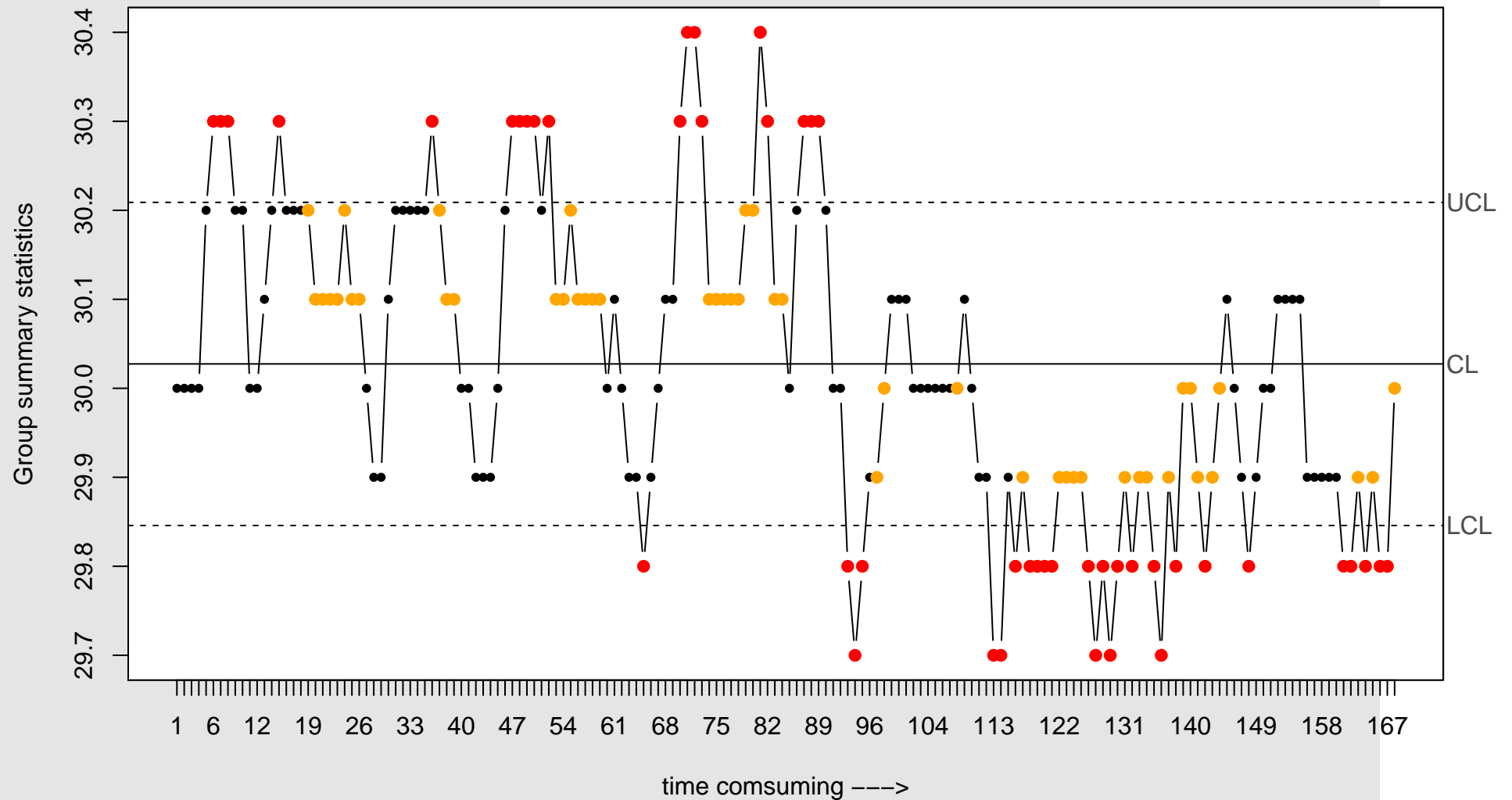


Number of groups = 168
 Center = 30.01964
 StdDev = 0.05255447

LCL = 29.86198
 UCL = 30.17731

Number beyond limits = 62
 Number violating runs = 73

239th column point of this product



Number of groups = 168

Center = 30.02738

StdDev = 0.06051726

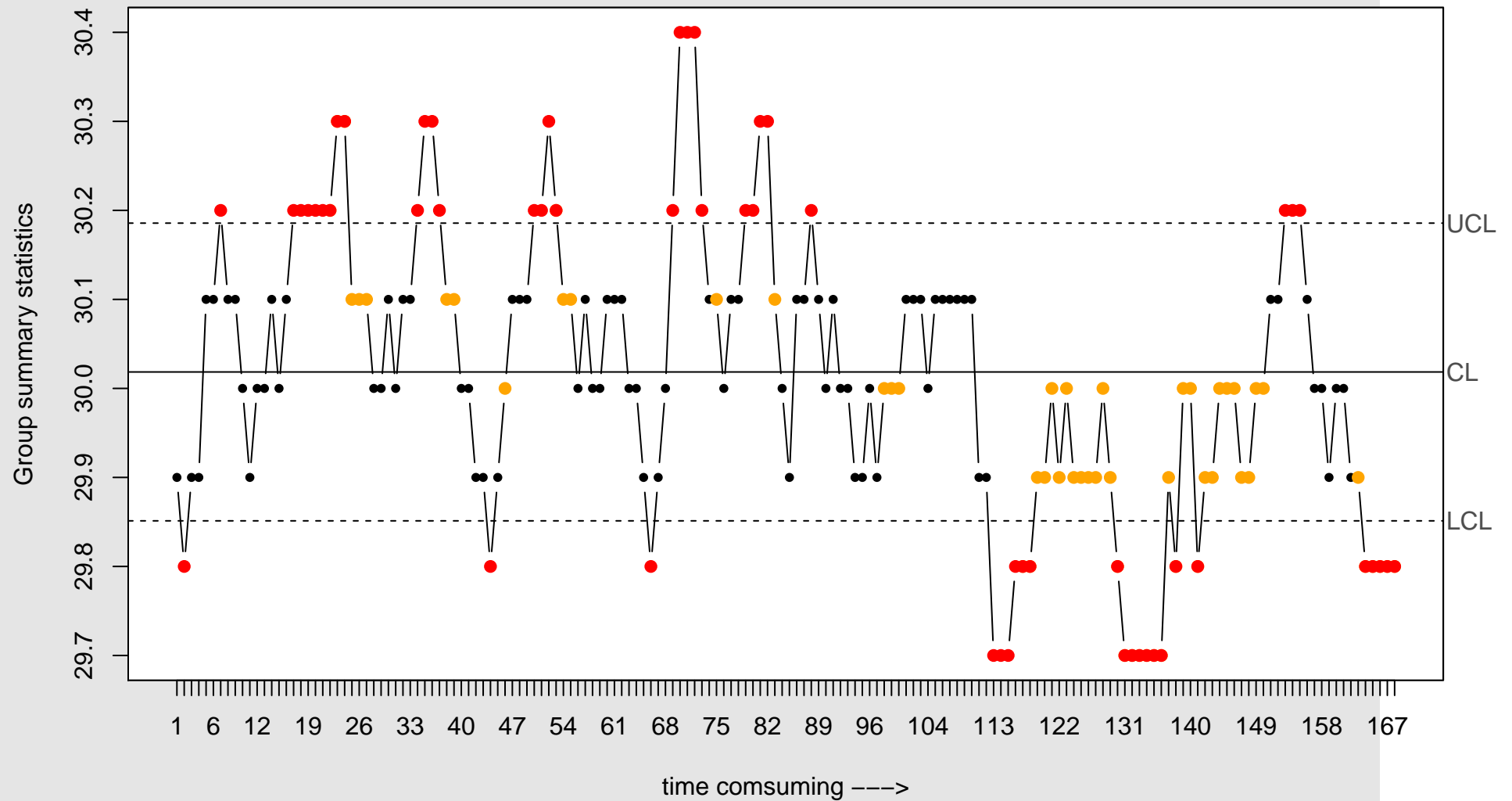
LCL = 29.84583

UCL = 30.20893

Number beyond limits = 46

Number violating runs = 70

240th column point of this product



Number of groups = 168

Center = 30.01845

StdDev = 0.05573958

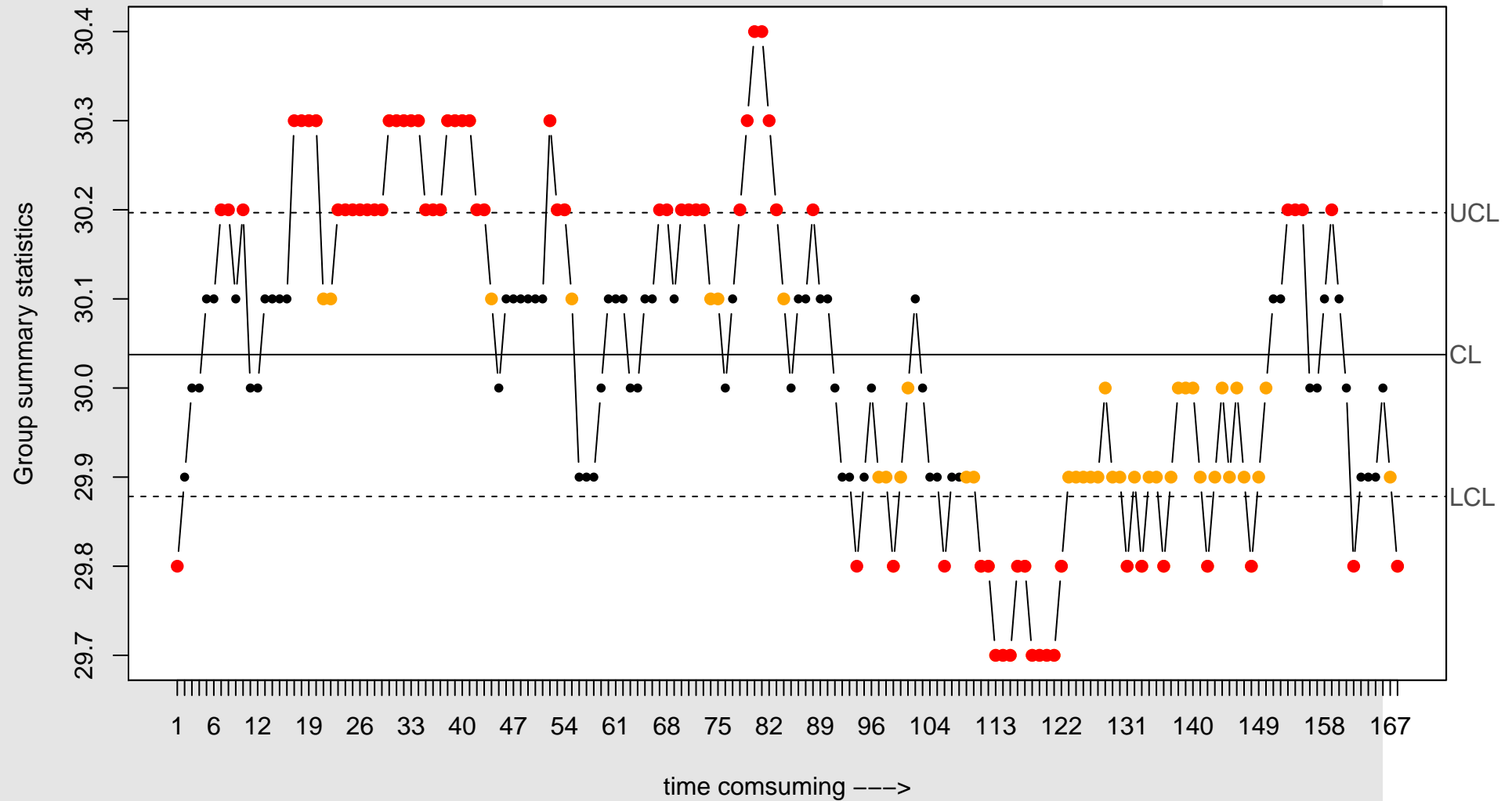
LCL = 29.85123

UCL = 30.18567

Number beyond limits = 53

Number violating runs = 57

241th column point of this product

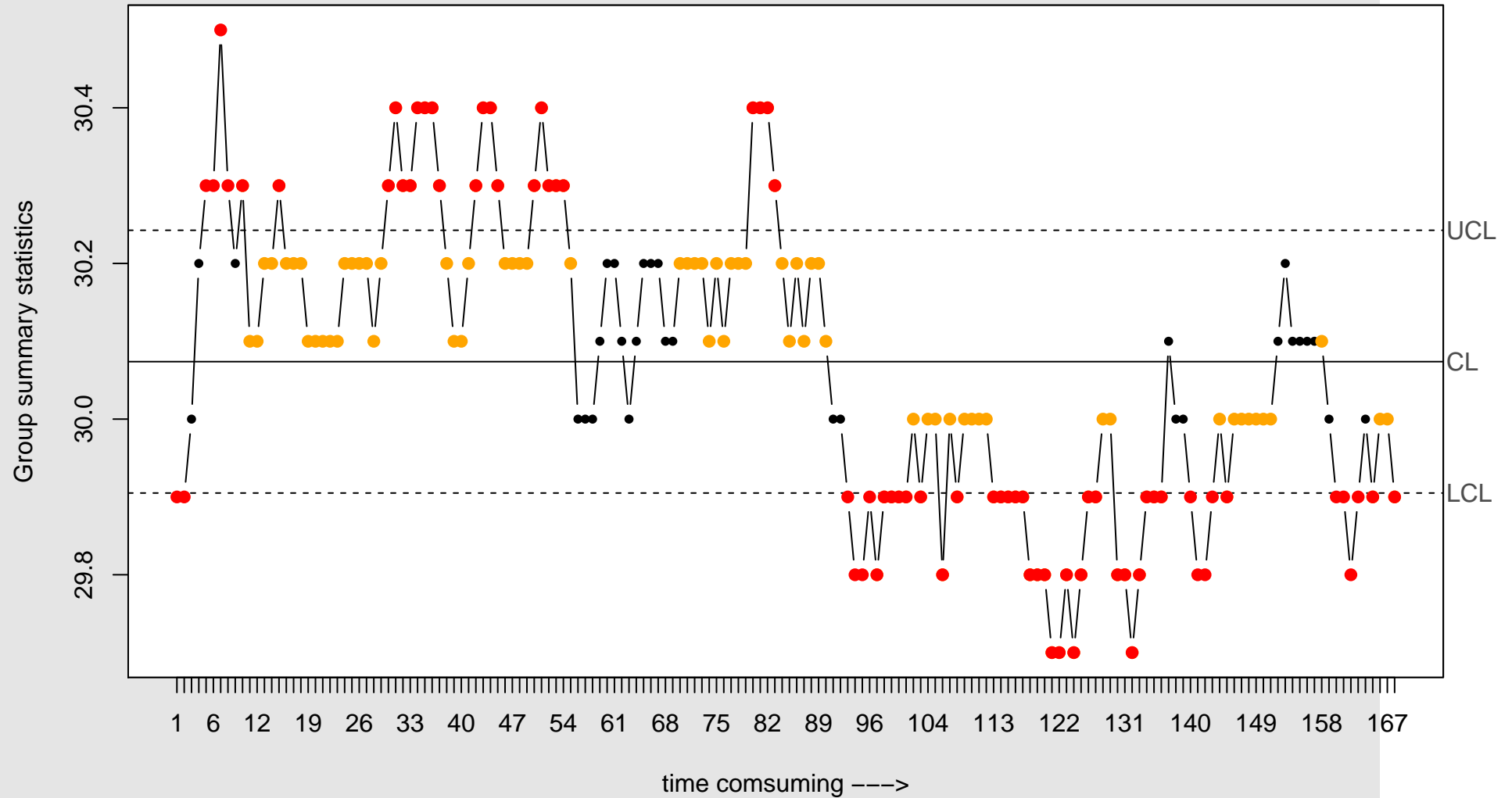


Number of groups = 168
 Center = 30.0375
 StdDev = 0.05308532

LCL = 29.87824
 UCL = 30.19676

Number beyond limits = 71
 Number violating runs = 86

242th column point of this product



Number of groups = 168

Center = 30.07381

StdDev = 0.05627044

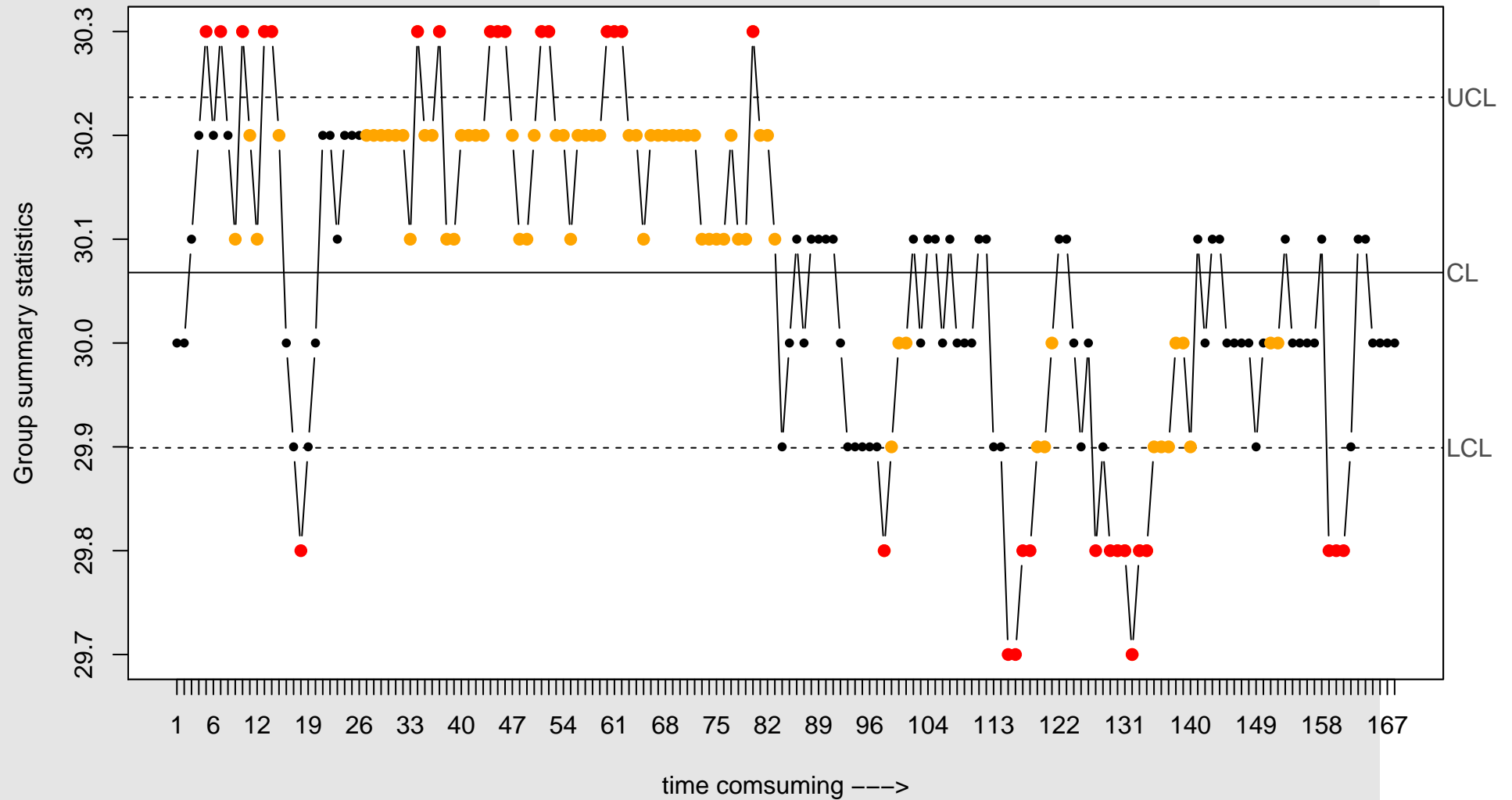
LCL = 29.905

UCL = 30.24262

Number beyond limits = 74

Number violating runs = 120

243th column point of this product



Number of groups = 168

Center = 30.06786

StdDev = 0.05627044

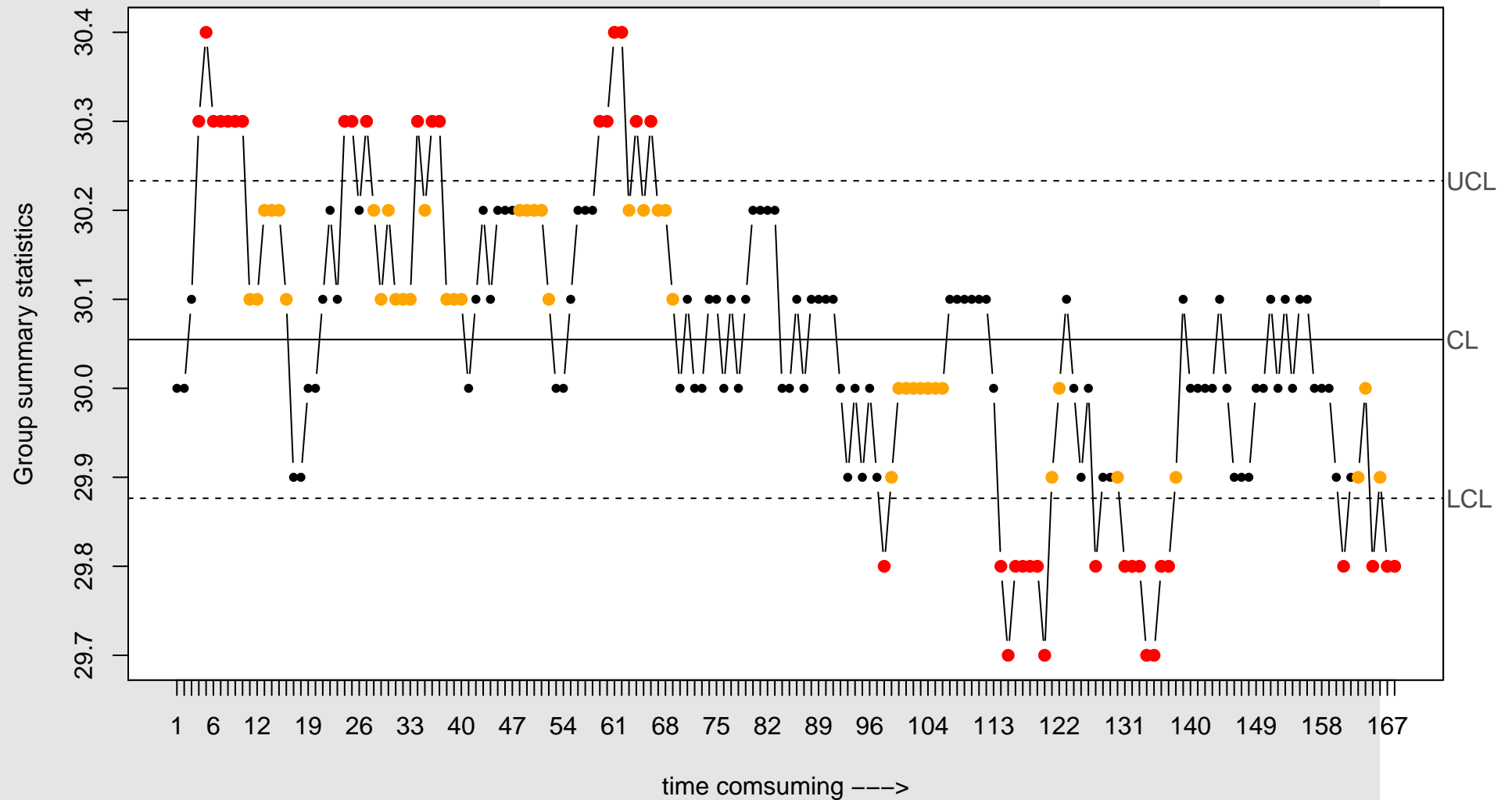
LCL = 29.89905

UCL = 30.23667

Number beyond limits = 32

Number violating runs = 84

244th column point of this product



Number of groups = 168

Center = 30.05476

StdDev = 0.05945556

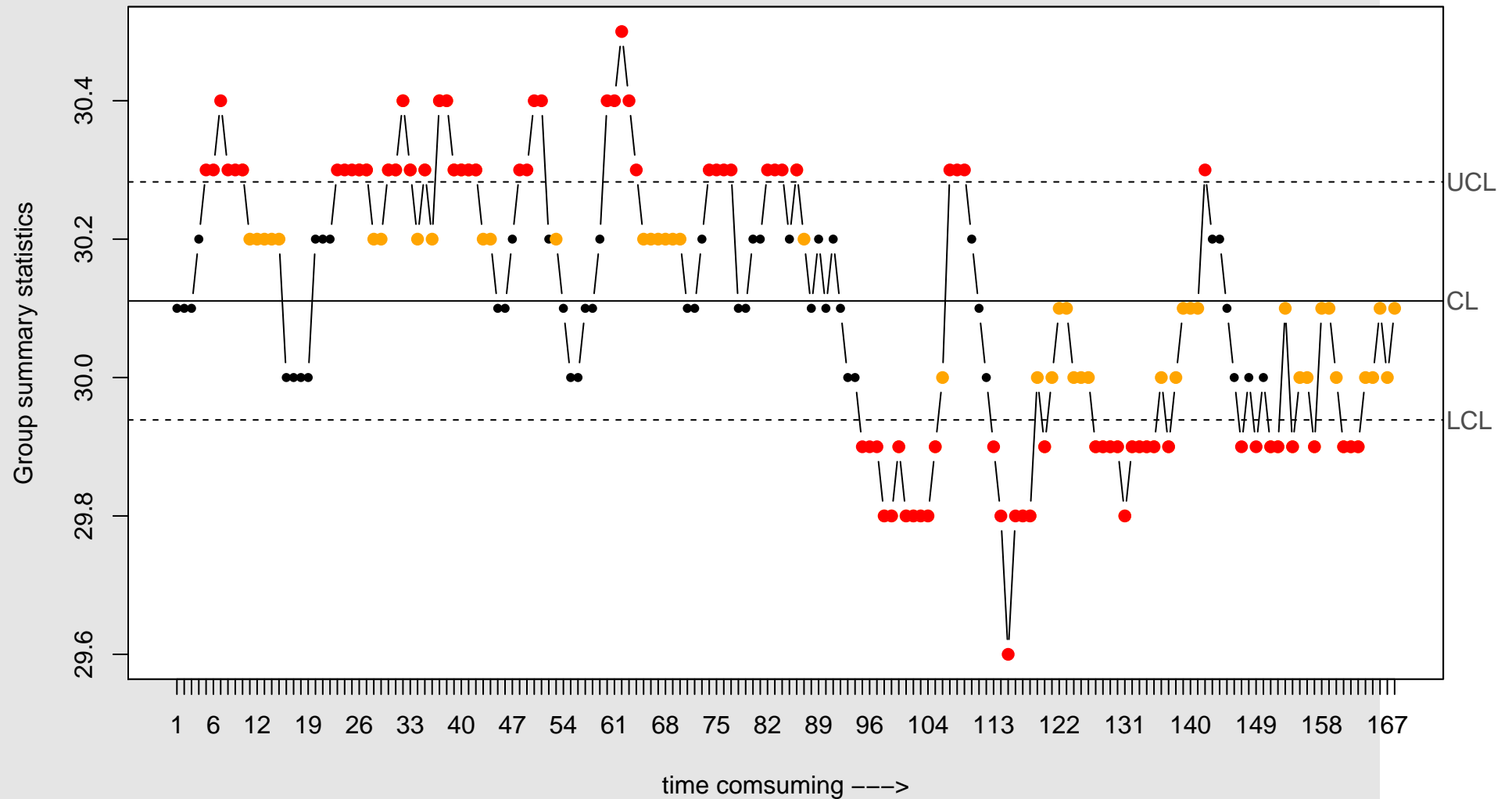
LCL = 29.8764

UCL = 30.23313

Number beyond limits = 39

Number violating runs = 64

245th column point of this product

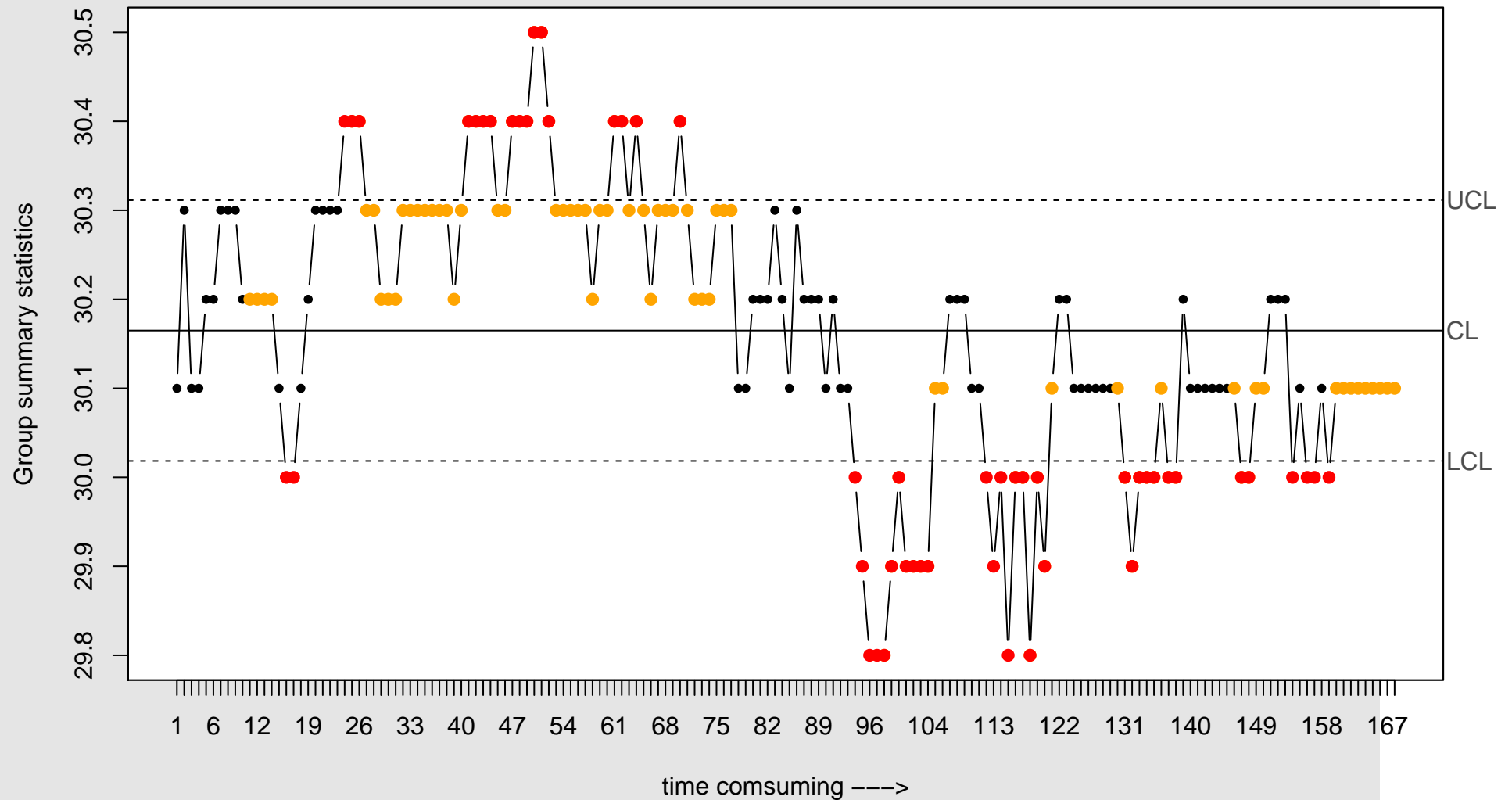


Number of groups = 168
Center = 30.11071
StdDev = 0.05733214

LCL = 29.93872
UCL = 30.28271

Number beyond limits = 80
Number violating runs = 86

246th column point of this product

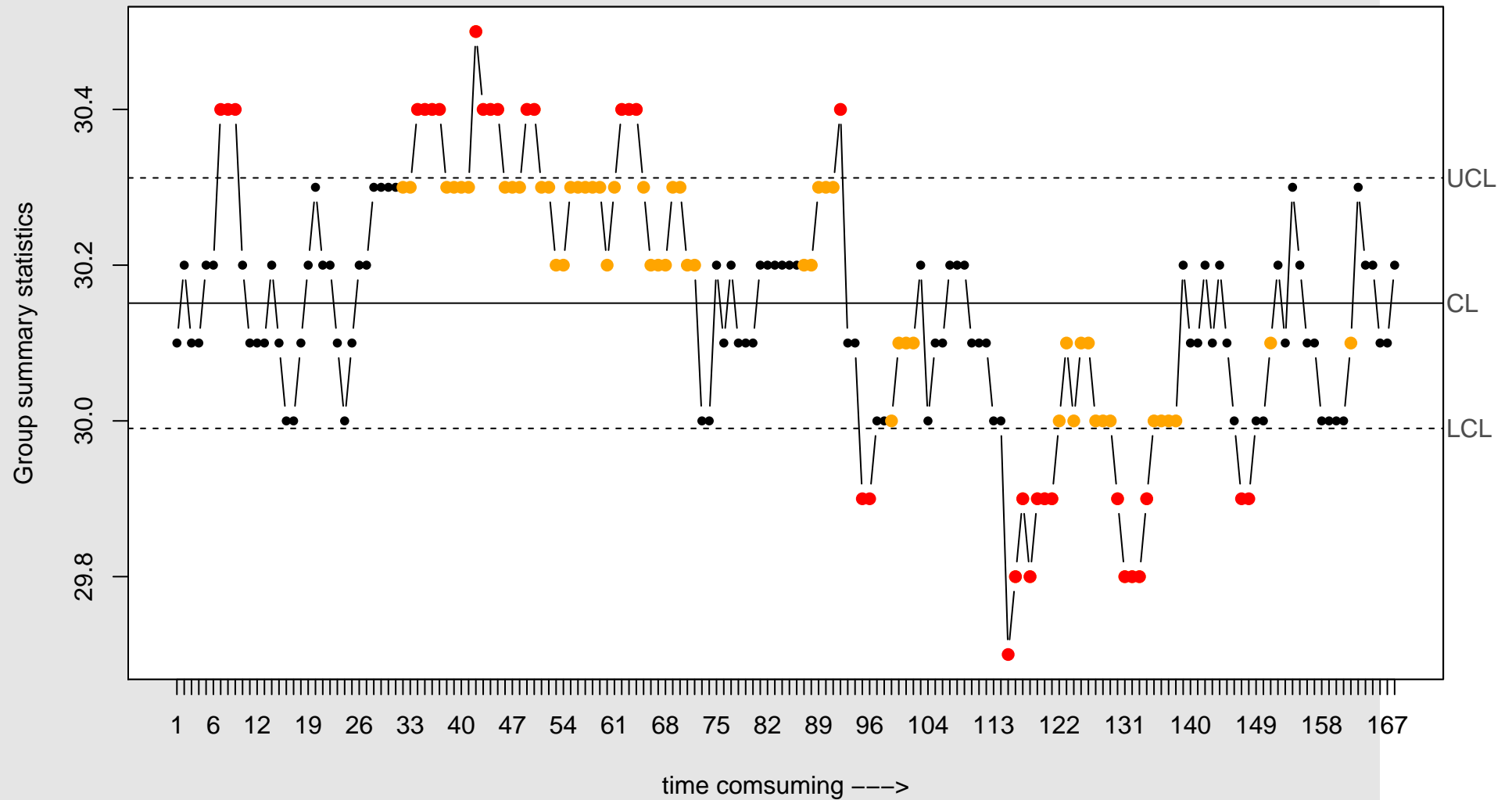


Number of groups = 168
Center = 30.16488
StdDev = 0.04883849

LCL = 30.01837
UCL = 30.3114

Number beyond limits = 52
Number violating runs = 95

247th column point of this product

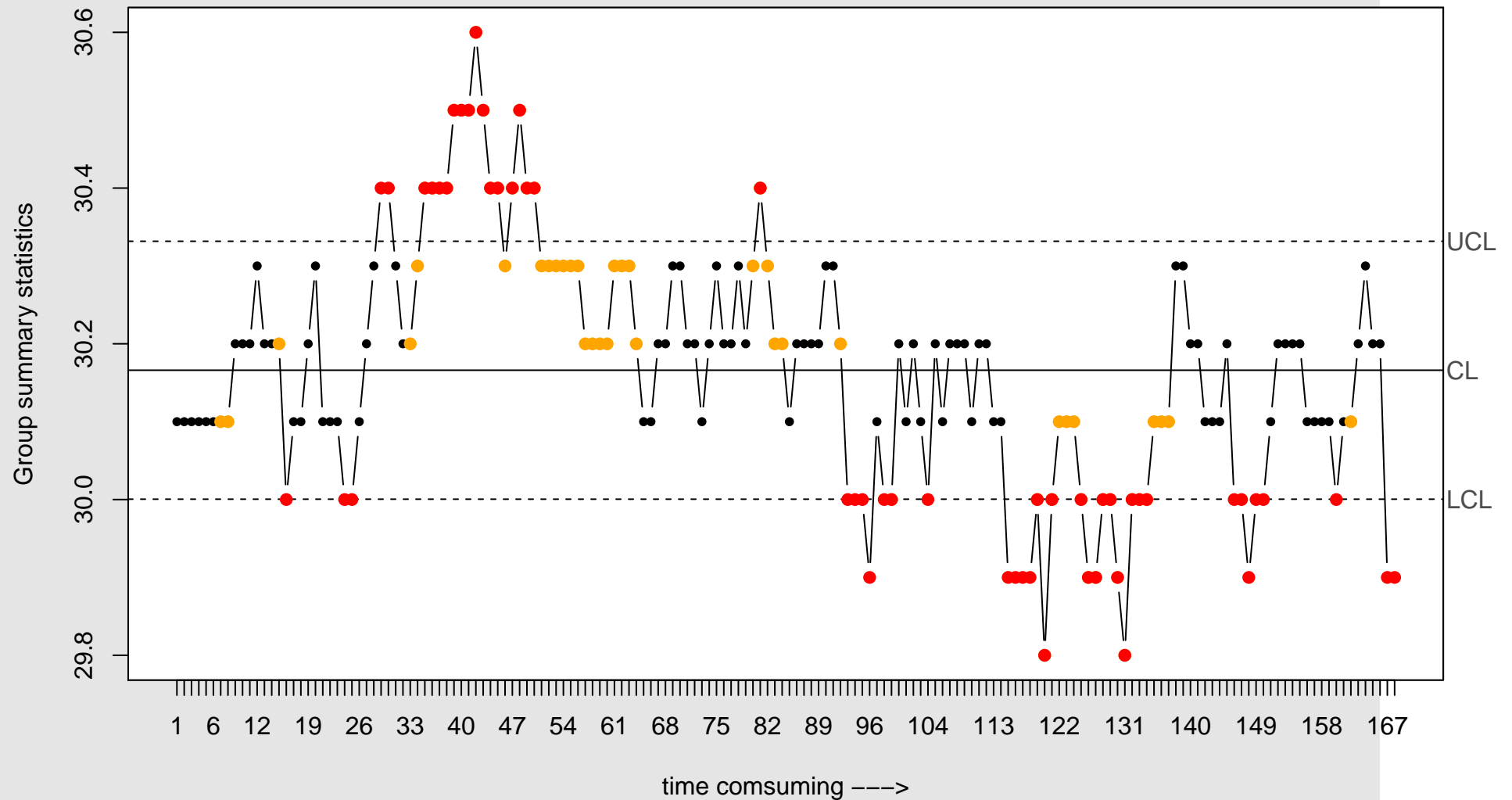


Number of groups = 168
Center = 30.15119
StdDev = 0.05361617

LCL = 29.99034
UCL = 30.31204

Number beyond limits = 33
Number violating runs = 76

248th column point of this product



Number of groups = 168

Center = 30.16607

StdDev = 0.05520873

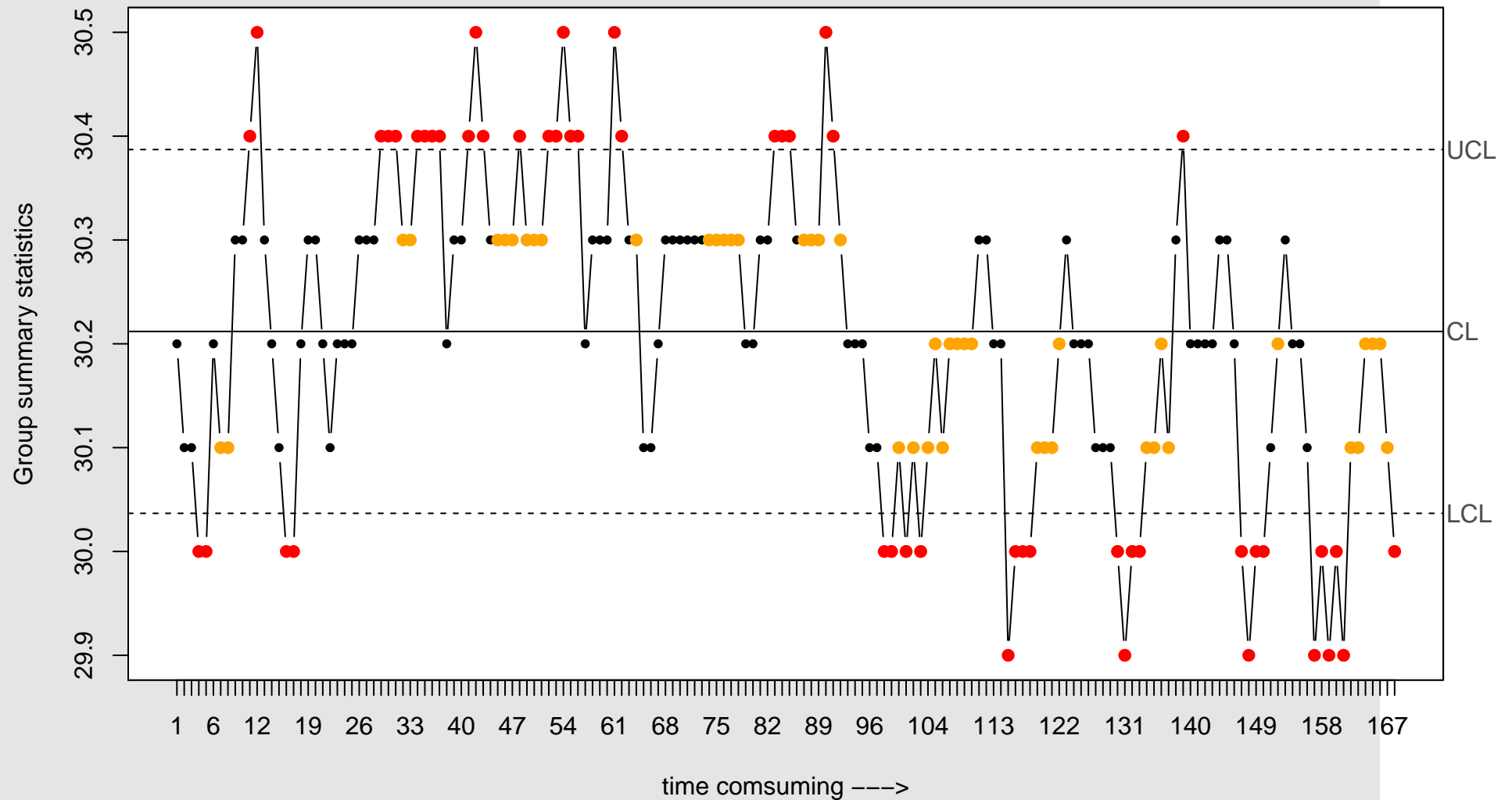
LCL = 30.00045

UCL = 30.3317

Number beyond limits = 53

Number violating runs = 62

249th column point of this product

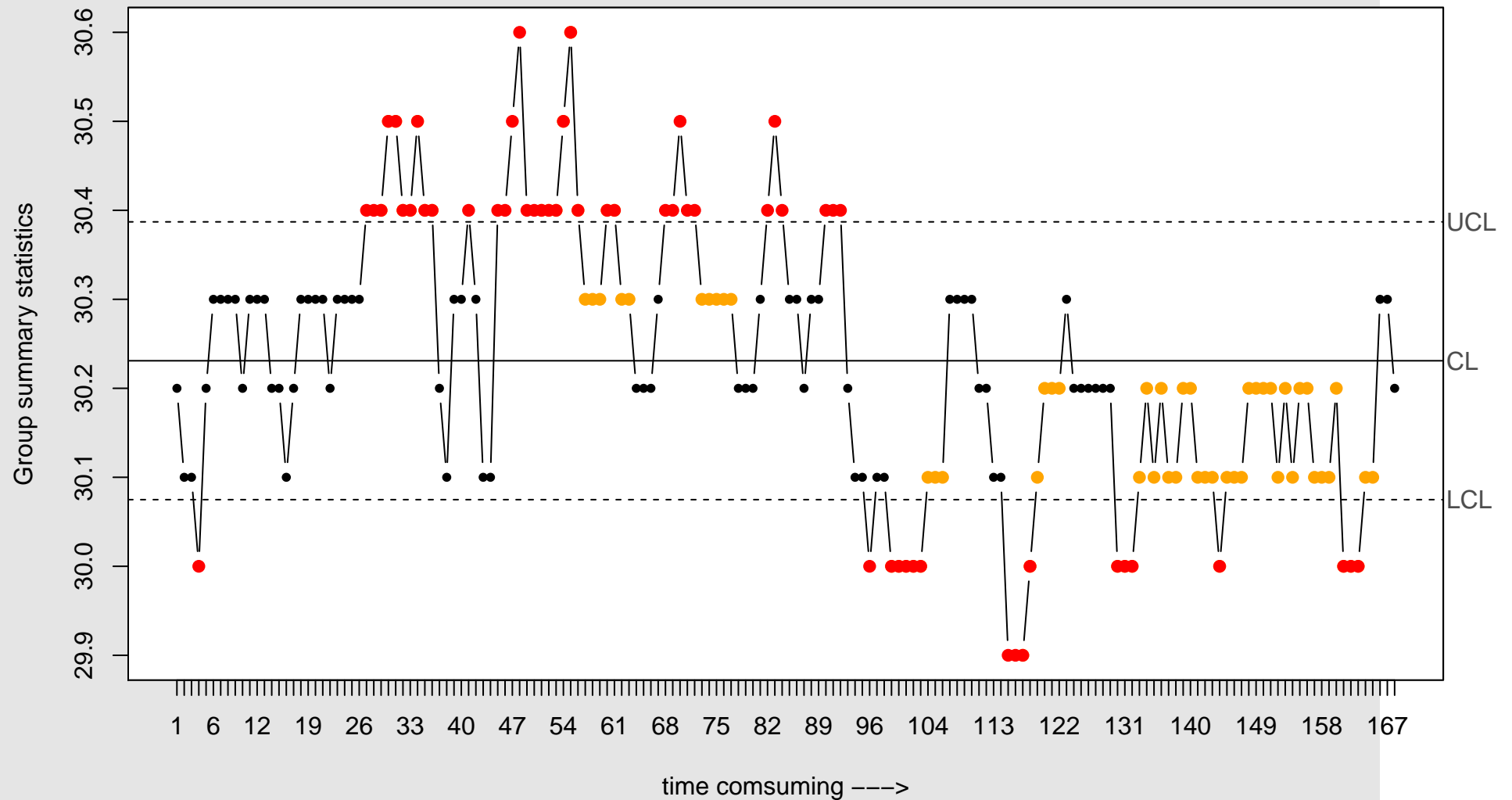


Number of groups = 168
Center = 30.2119
StdDev = 0.05839385

LCL = 30.03672
UCL = 30.38709

Number beyond limits = 52
Number violating runs = 66

250th column point of this product

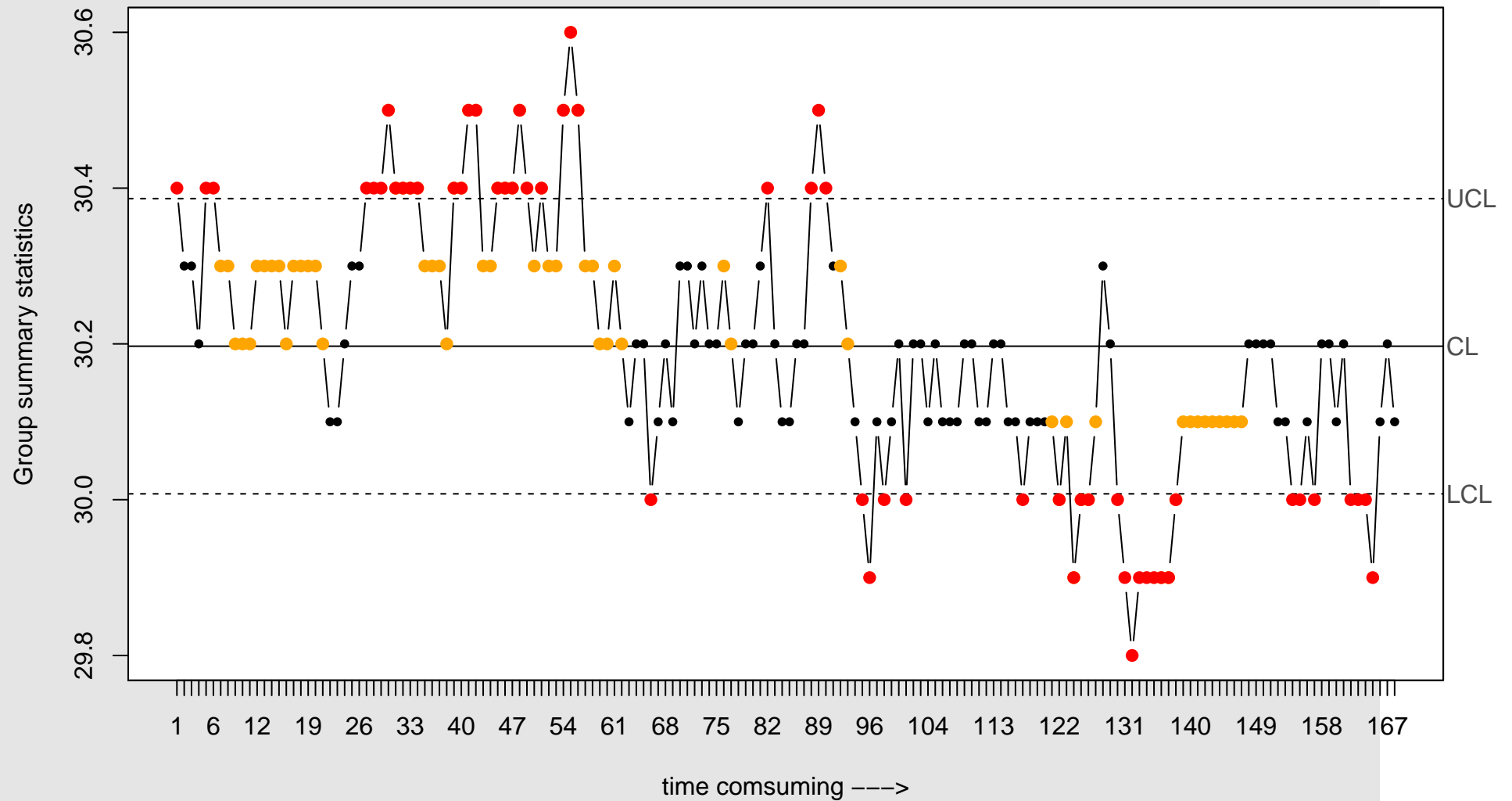


Number of groups = 168
 Center = 30.23095
 StdDev = 0.05202361

LCL = 30.07488
 UCL = 30.38702

Number beyond limits = 54
 Number violating runs = 76

251th column point of this product



Number of groups = 168

Center = 30.19702

StdDev = 0.06317153

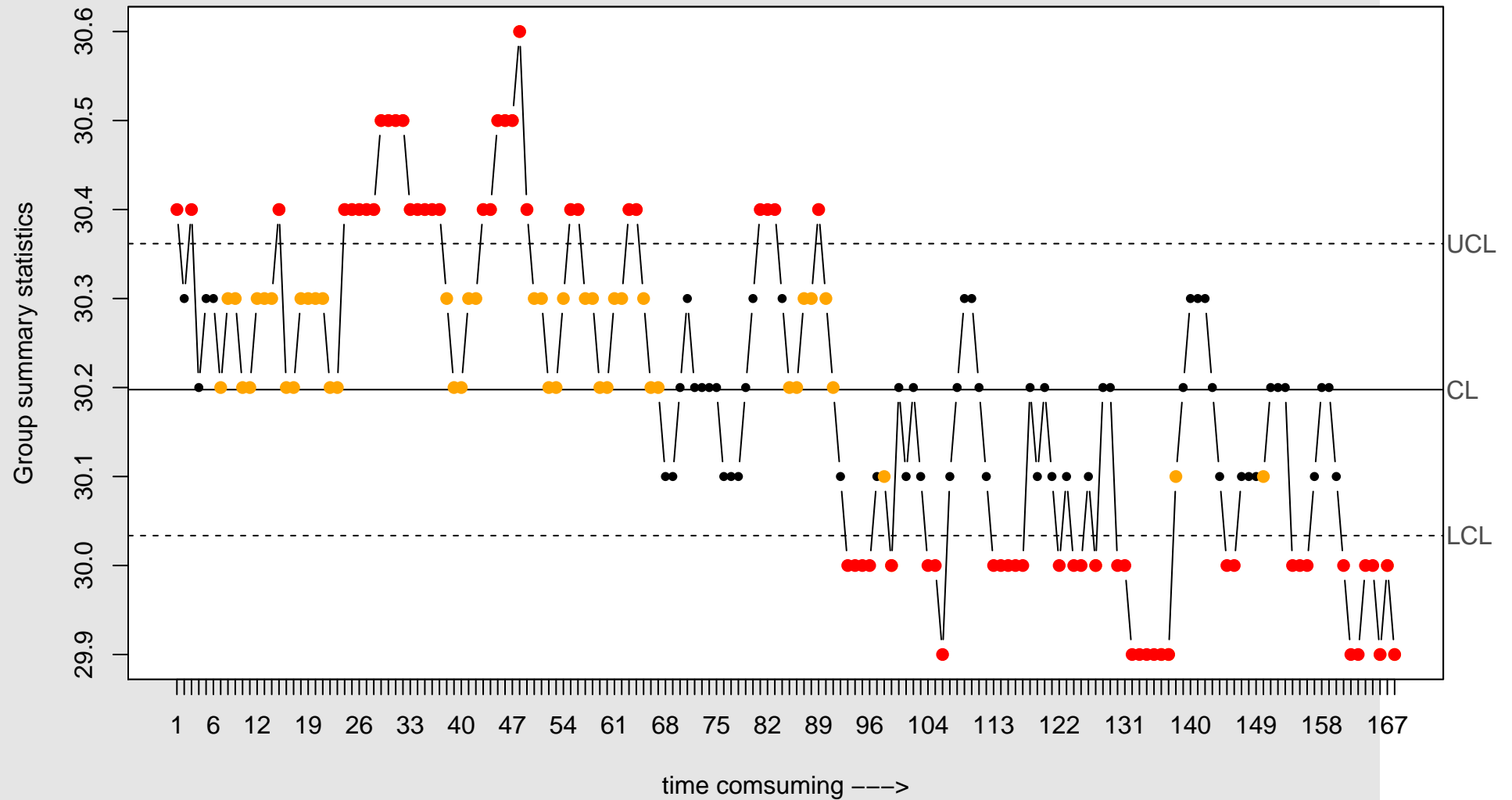
LCL = 30.00751

UCL = 30.38654

Number beyond limits = 54

Number violating runs = 71

252th column point of this product

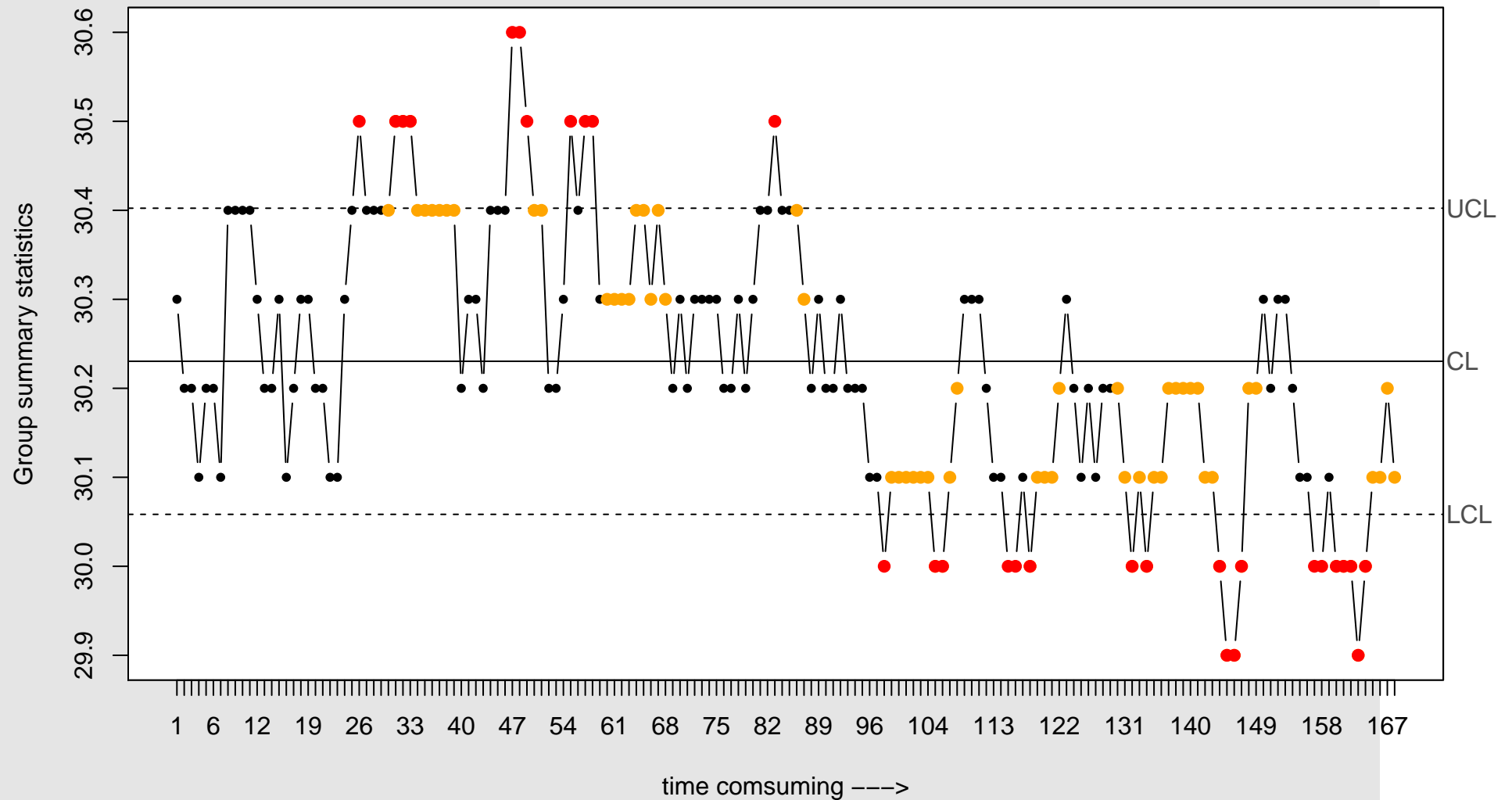


Number of groups = 168
 Center = 30.19762
 StdDev = 0.05467788

LCL = 30.03359
 UCL = 30.36165

Number beyond limits = 70
 Number violating runs = 78

253th column point of this product

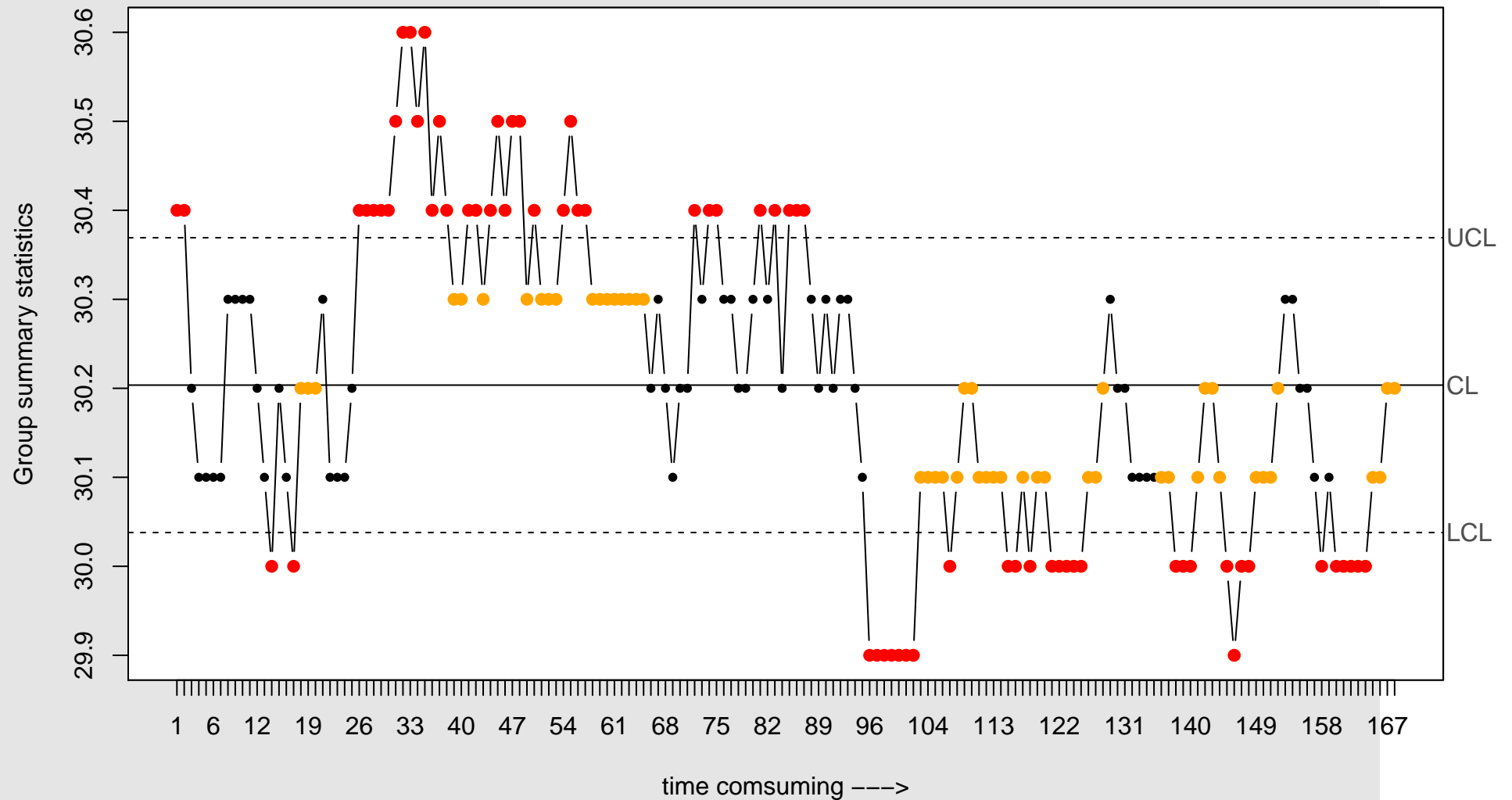


Number of groups = 168
 Center = 30.23036
 StdDev = 0.05733214

LCL = 30.05836
 UCL = 30.40235

Number beyond limits = 30
 Number violating runs = 67

254th column point of this product

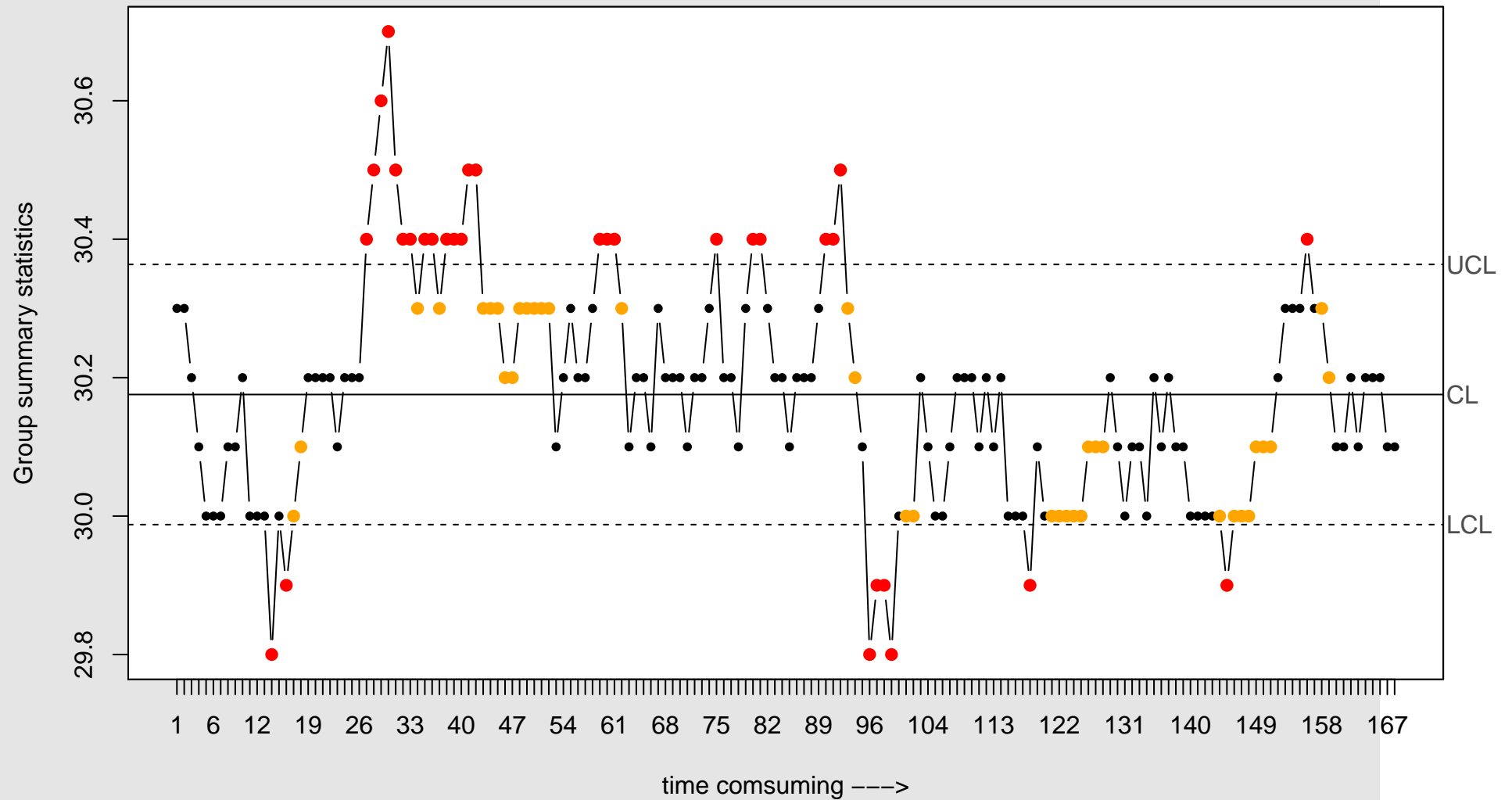


Number of groups = 168
Center = 30.20357
StdDev = 0.05520873

LCL = 30.03795
UCL = 30.3692

Number beyond limits = 66
Number violating runs = 91

255th column point of this product



Number of groups = 168

Center = 30.1756

StdDev = 0.06264068

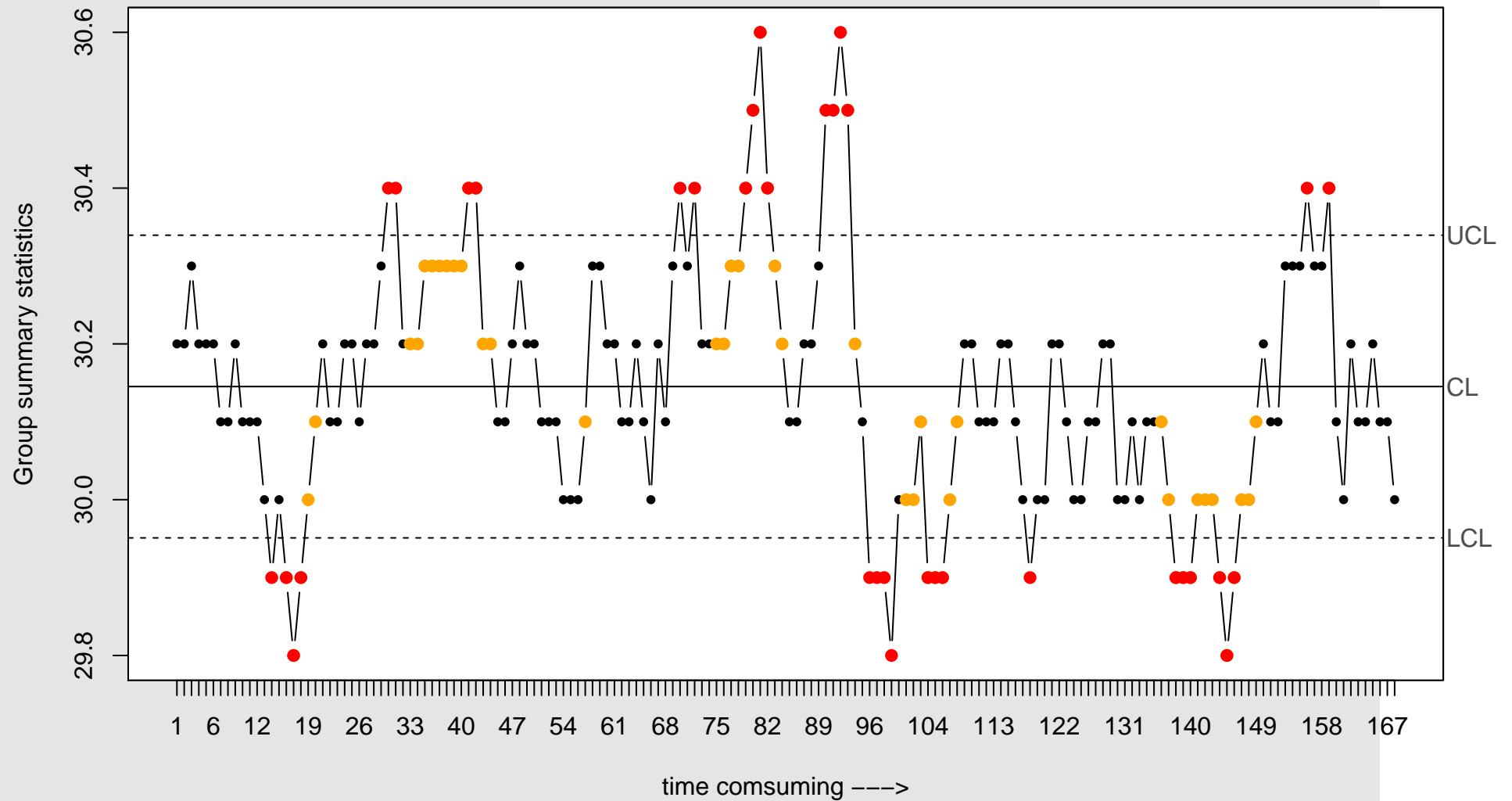
LCL = 29.98767

UCL = 30.36352

Number beyond limits = 32

Number violating runs = 51

256th column point of this product



Number of groups = 168

Center = 30.14524

StdDev = 0.06476409

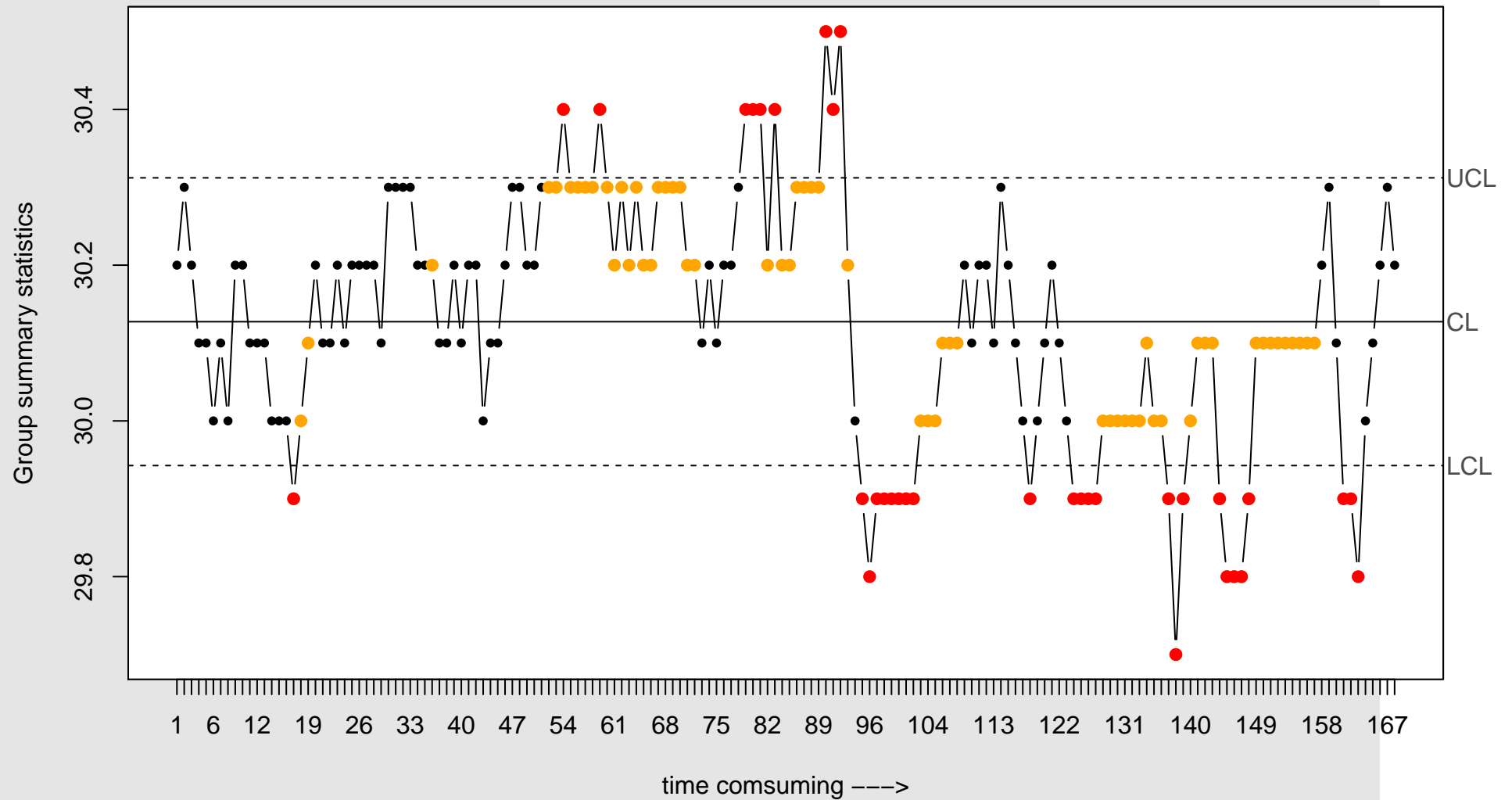
LCL = 29.95095

UCL = 30.33953

Number beyond limits = 34

Number violating runs = 53

257th column point of this product



Number of groups = 168

Center = 30.12738

StdDev = 0.06157897

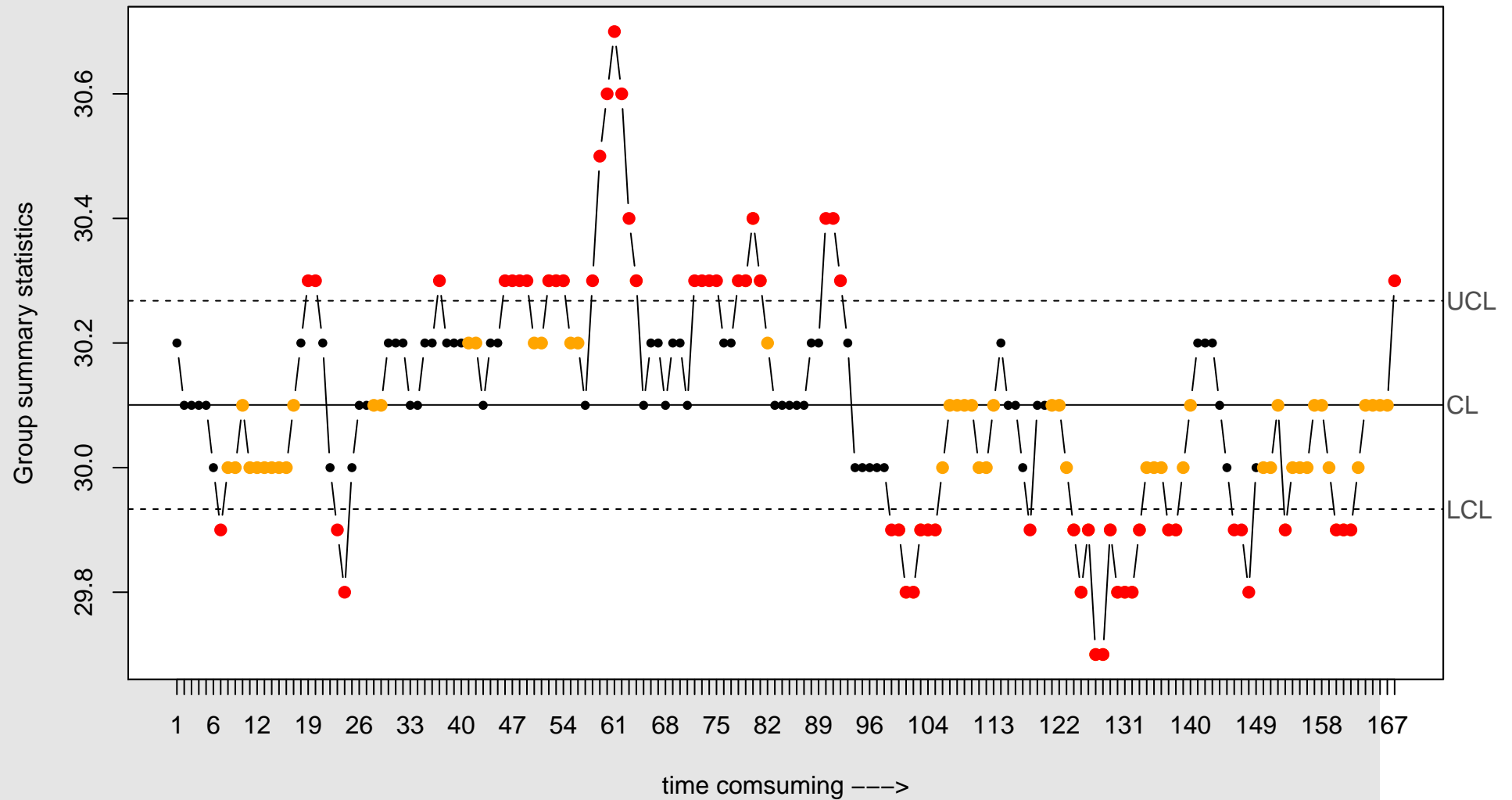
LCL = 29.94264

UCL = 30.31212

Number beyond limits = 34

Number violating runs = 76

258th column point of this product



Number of groups = 168

Center = 30.1006

StdDev = 0.05573958

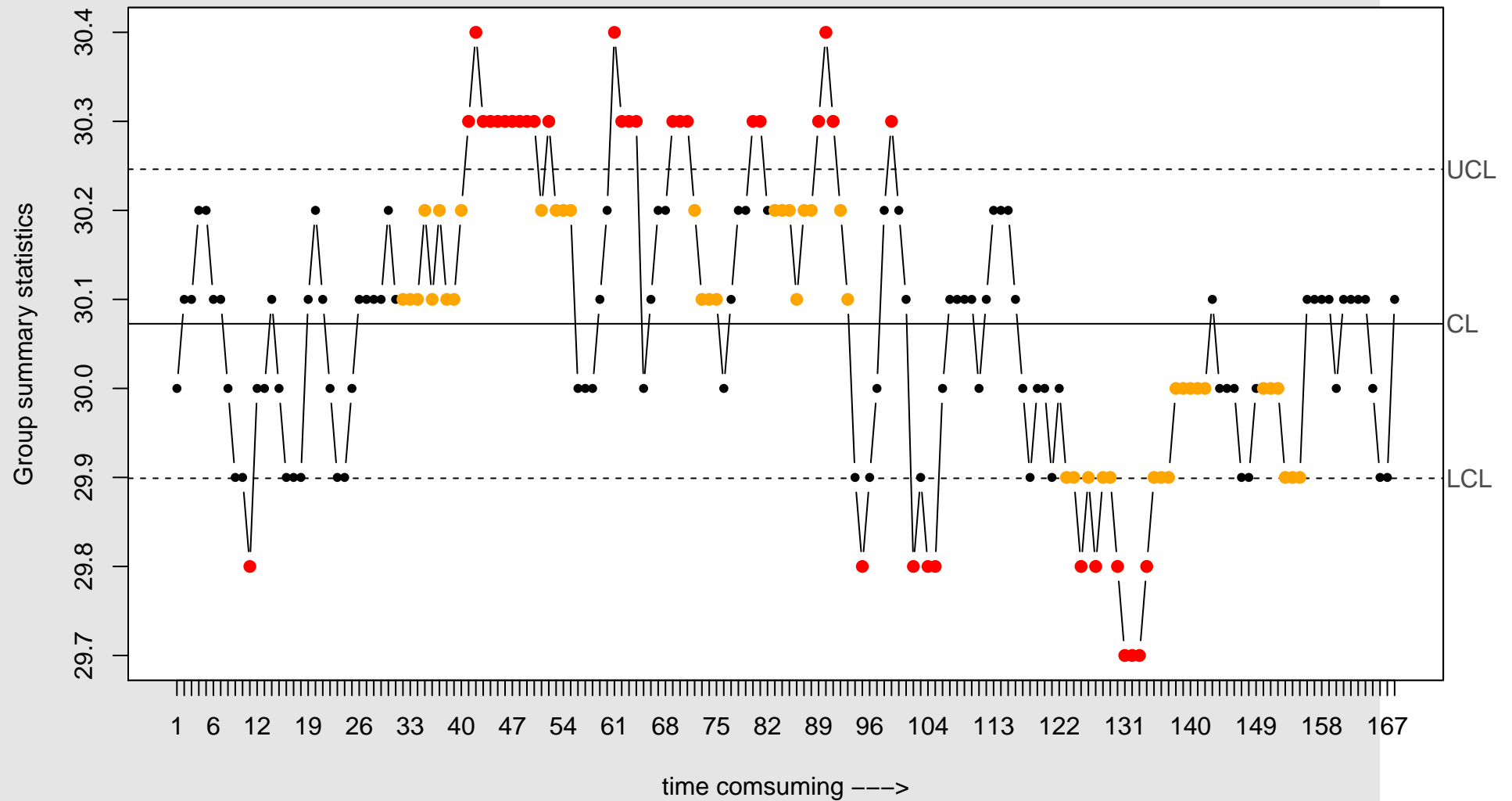
LCL = 29.93338

UCL = 30.26781

Number beyond limits = 59

Number violating runs = 79

259th column point of this product



Number of groups = 168

Center = 30.07262

StdDev = 0.057863

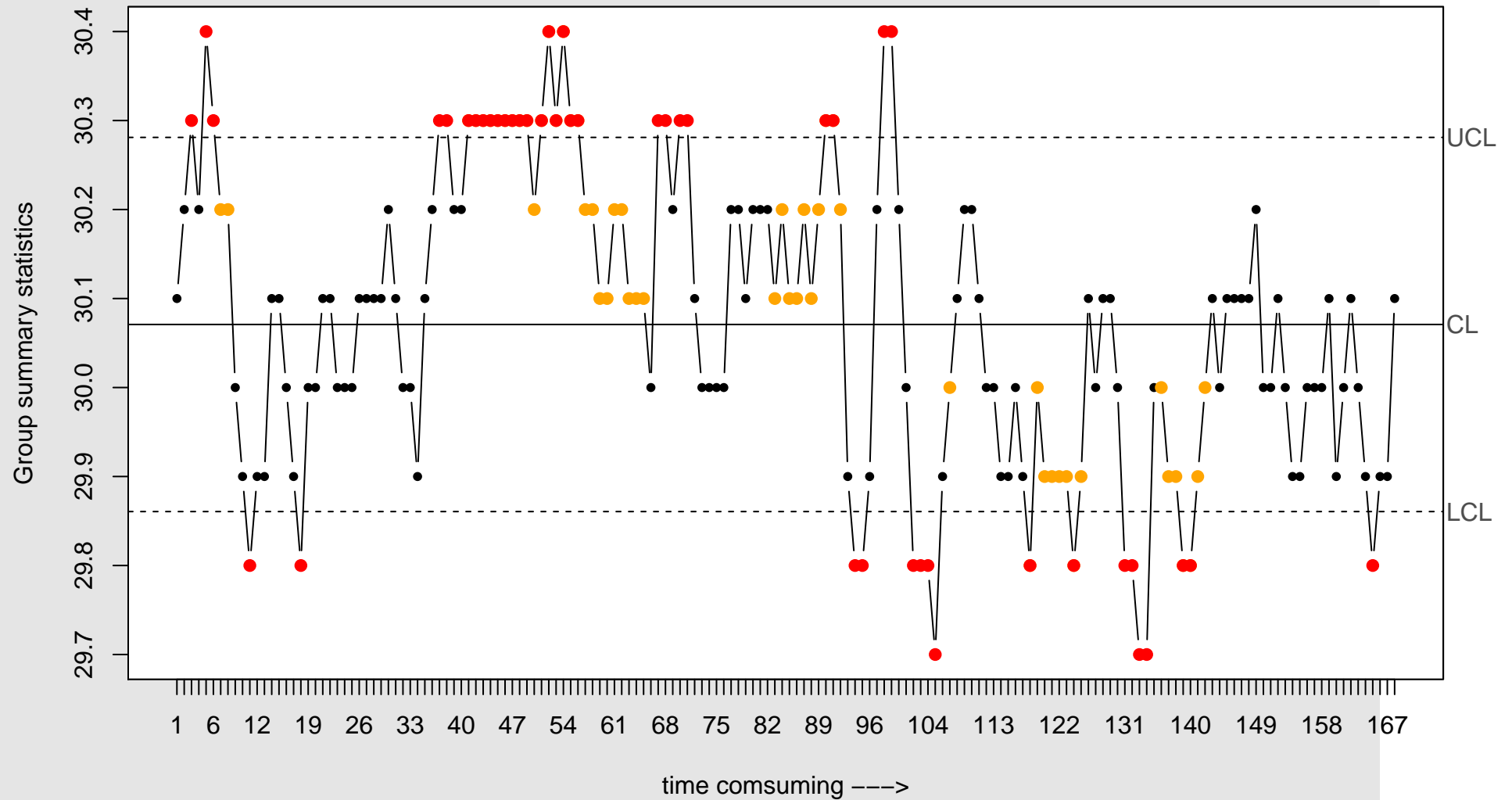
LCL = 29.89903

UCL = 30.24621

Number beyond limits = 36

Number violating runs = 65

260th column point of this product



Number of groups = 168

Center = 30.07083

StdDev = 0.07007262

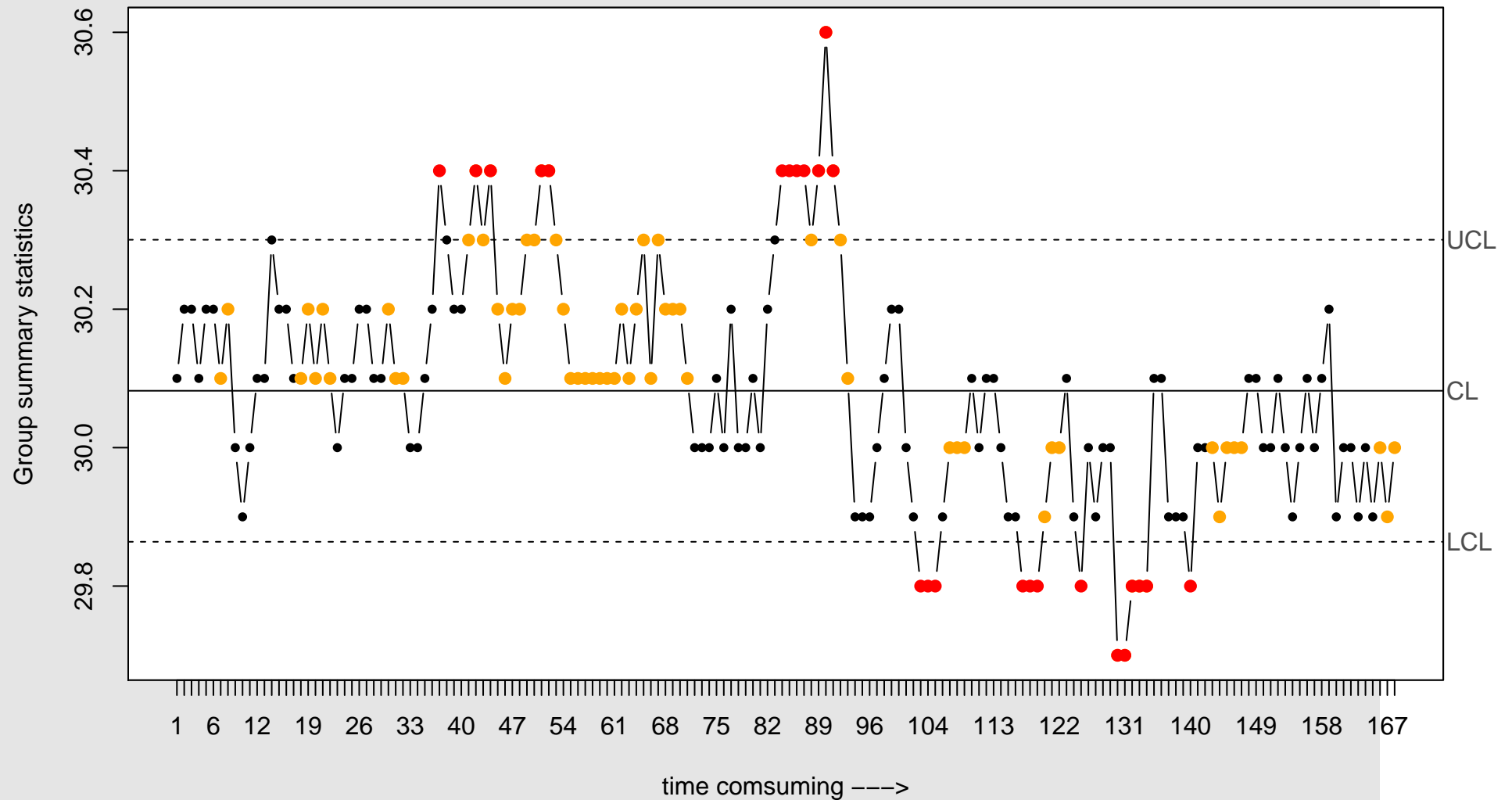
LCL = 29.86062

UCL = 30.28105

Number beyond limits = 45

Number violating runs = 53

261th column point of this product

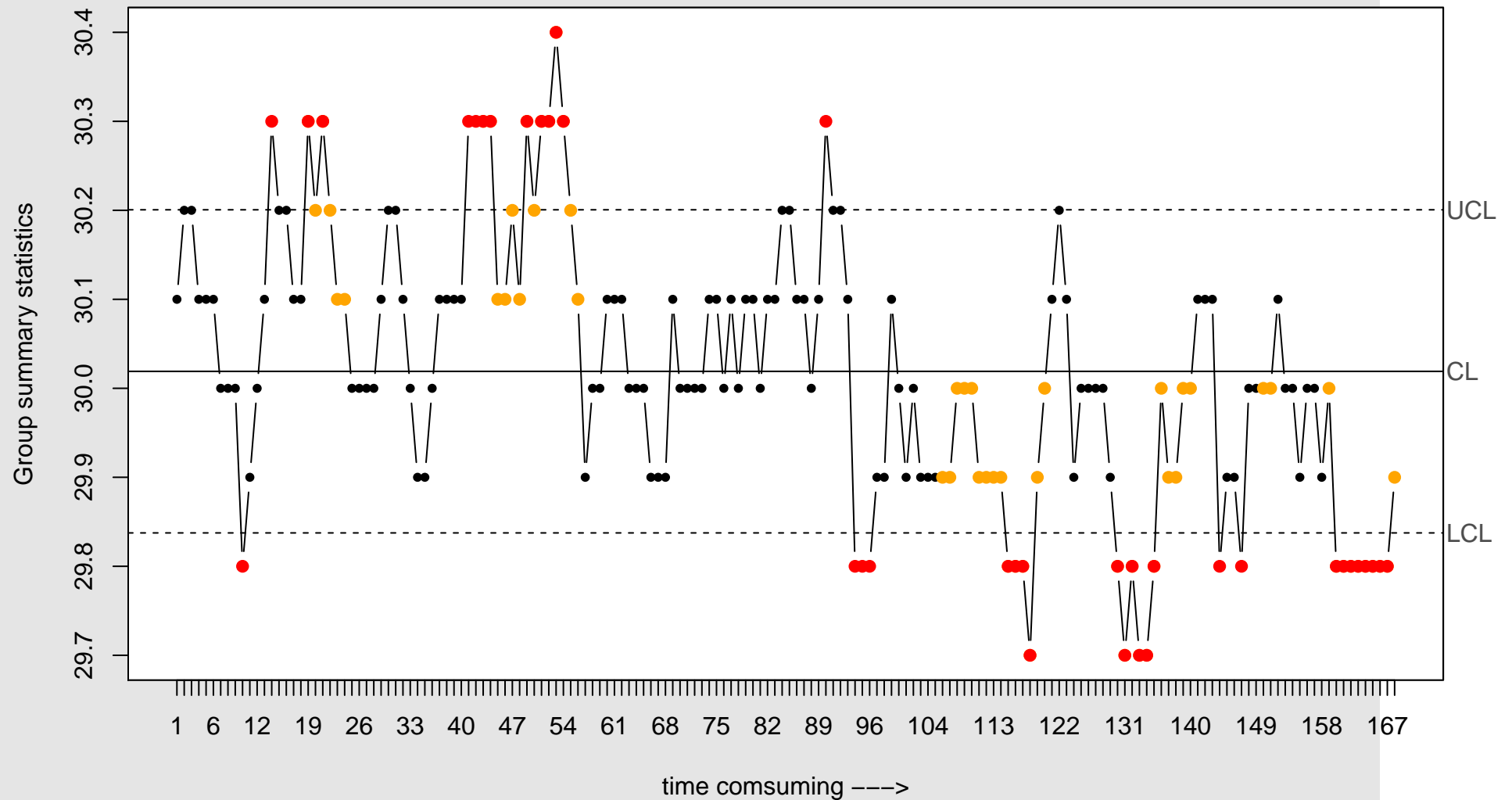


Number of groups = 168
 Center = 30.08214
 StdDev = 0.07272689

LCL = 29.86396
 UCL = 30.30032

Number beyond limits = 25
 Number violating runs = 66

262th column point of this product



Number of groups = 168

Center = 30.01905

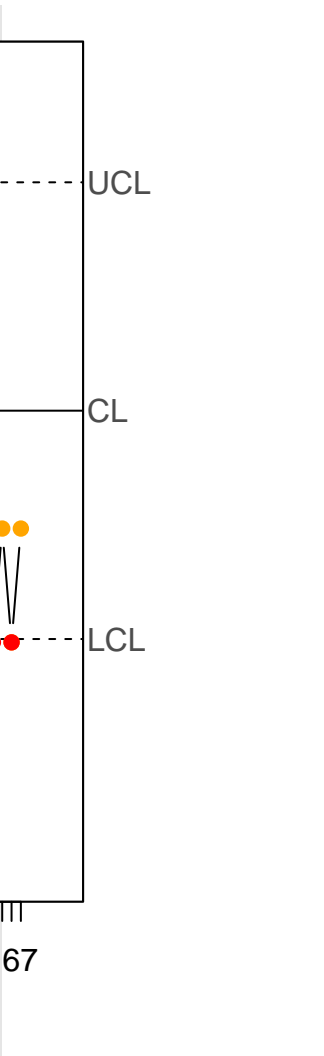
StdDev = 0.06051726

LCL = 29.8375

UCL = 30.2006

Number beyond limits = 37

Number violating runs = 58

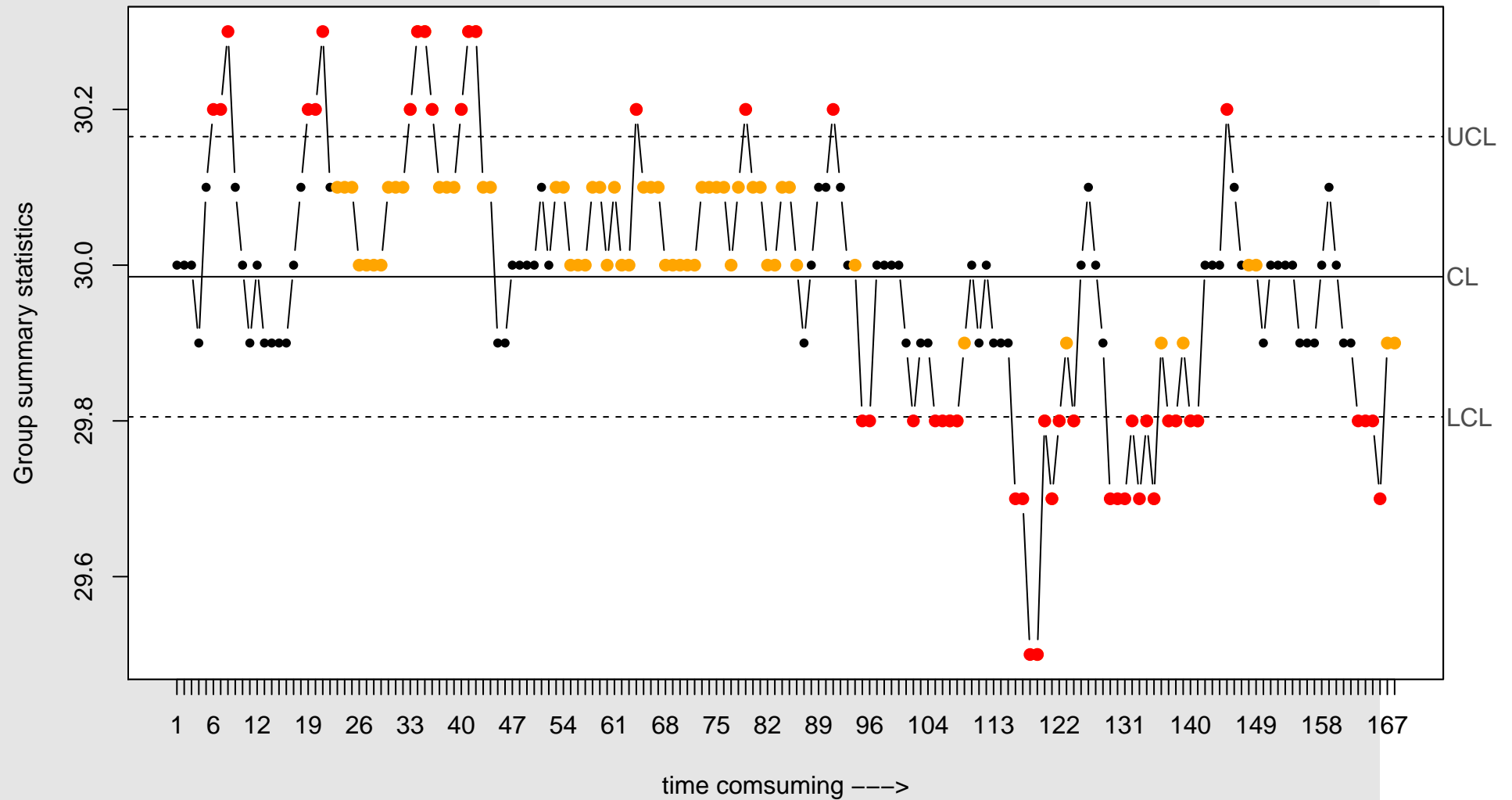


Number of groups = 168
Center = 30.00357
StdDev = 0.0668875

LCL = 29.80291
UCL = 30.20423

Number beyond limits = 34
Number violating runs = 61

264th column point of this product

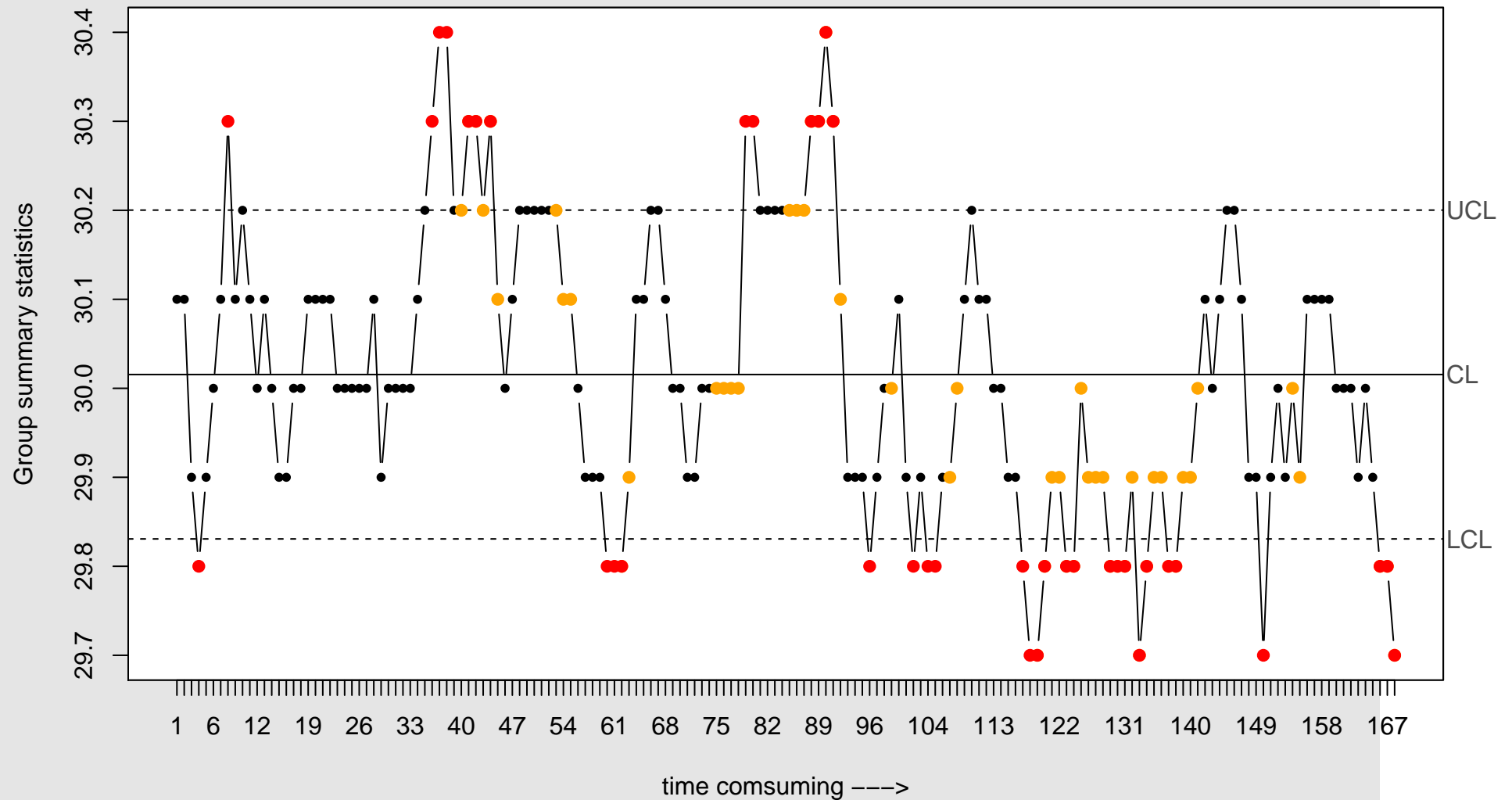


Number of groups = 168
 Center = 29.98512
 StdDev = 0.05998641

LCL = 29.80516
 UCL = 30.16508

Number beyond limits = 47
 Number violating runs = 78

265th column point of this product



Number of groups = 168

Center = 30.01548

StdDev = 0.06157897

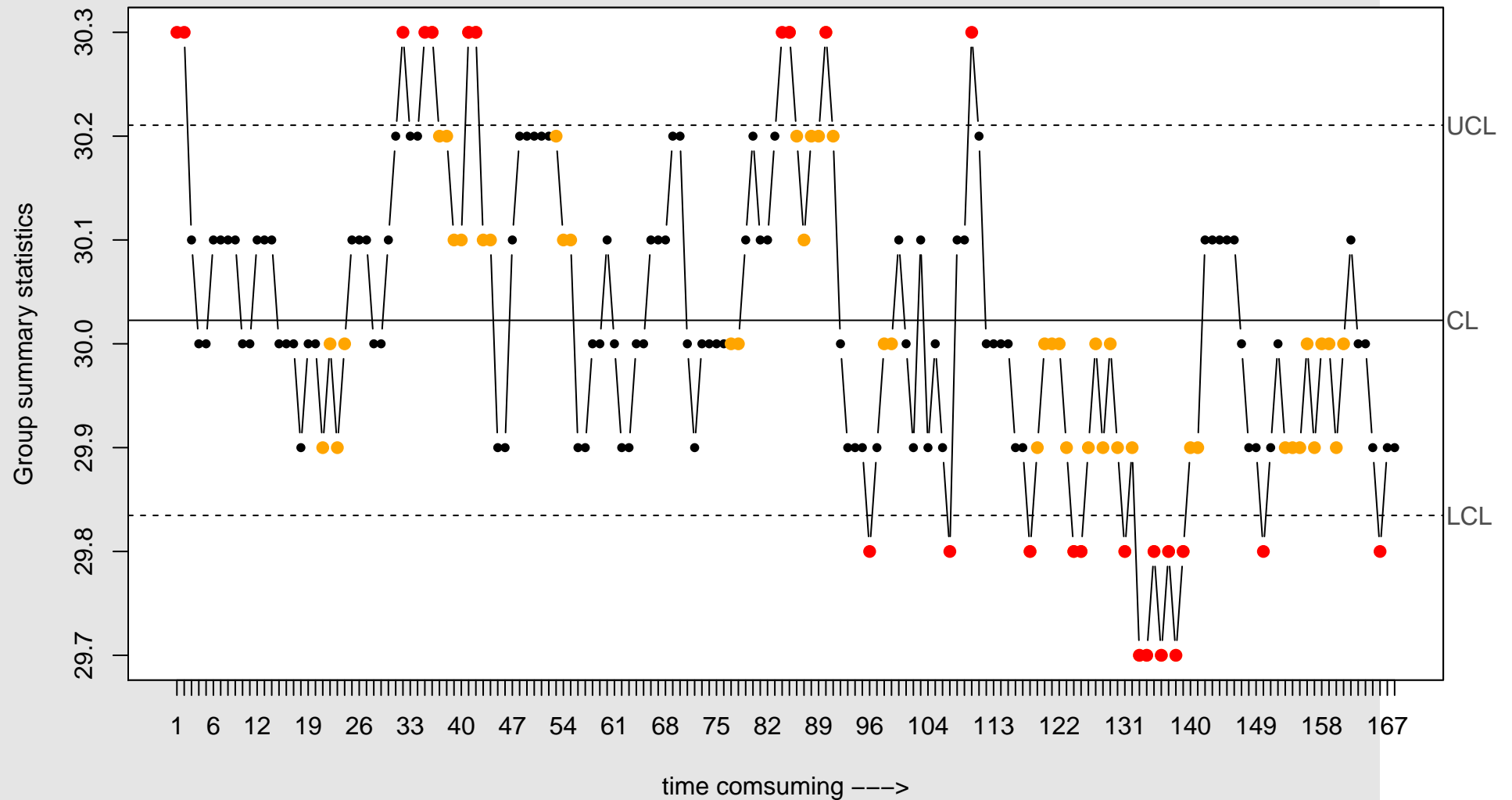
LCL = 29.83074

UCL = 30.20021

Number beyond limits = 38

Number violating runs = 54

266th column point of this product



Number of groups = 168

Center = 30.02262

StdDev = 0.06264068

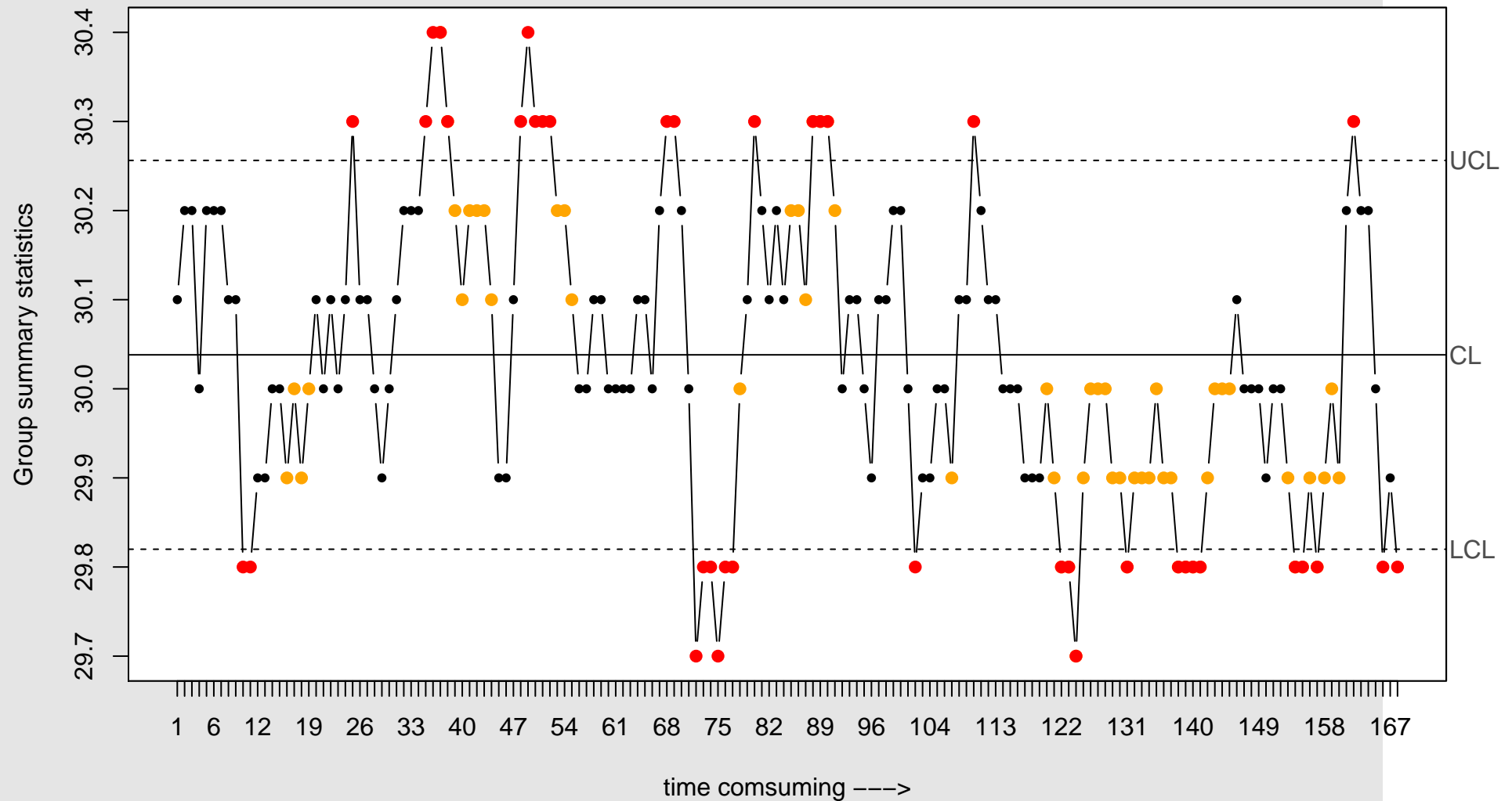
LCL = 29.8347

UCL = 30.21054

Number beyond limits = 26

Number violating runs = 60

267th column point of this product

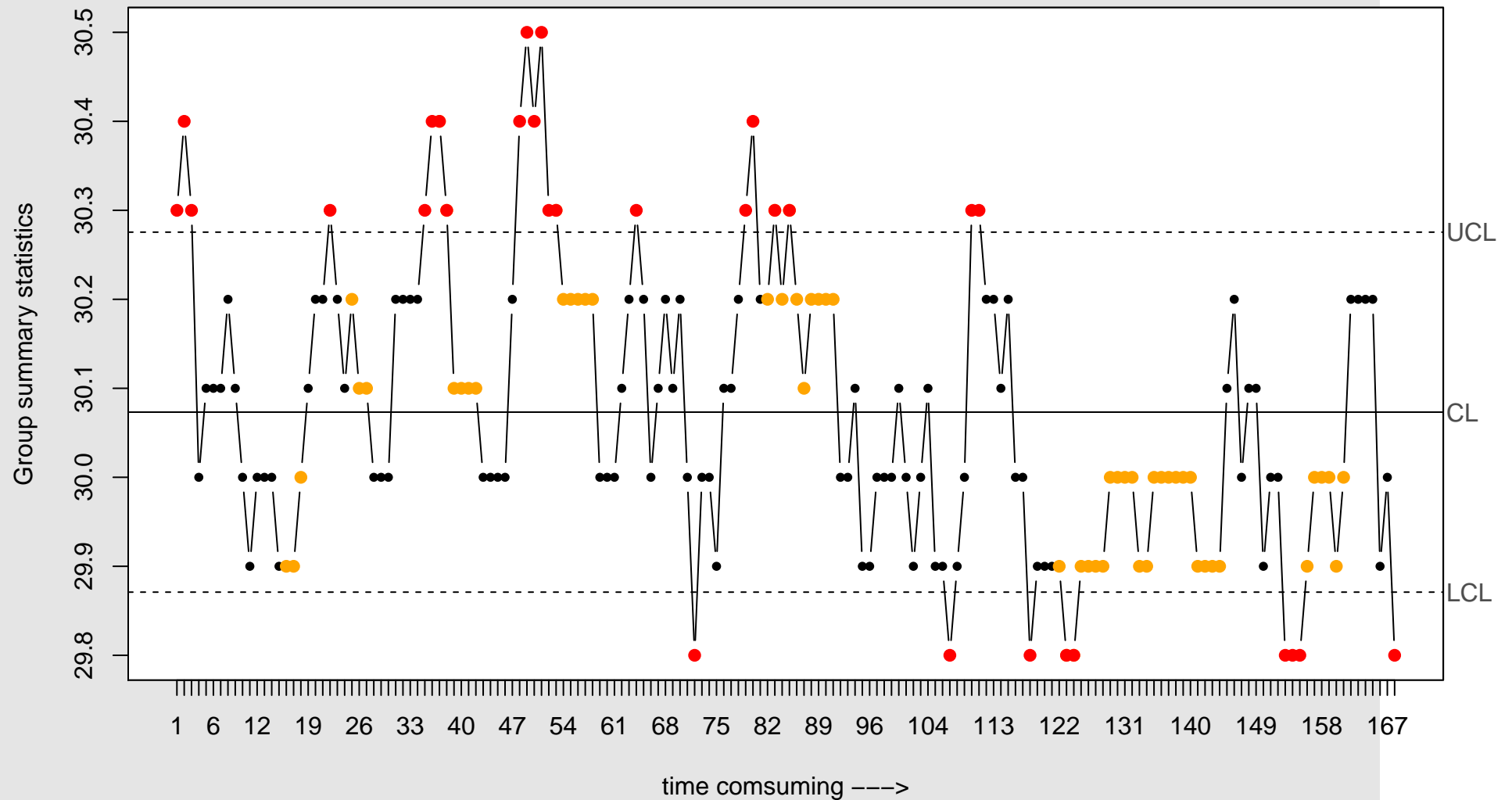


Number of groups = 168
Center = 30.0381
StdDev = 0.07272689

LCL = 29.81991
UCL = 30.25628

Number beyond limits = 40
Number violating runs = 59

268th column point of this product



Number of groups = 168

Center = 30.07321

StdDev = 0.06741835

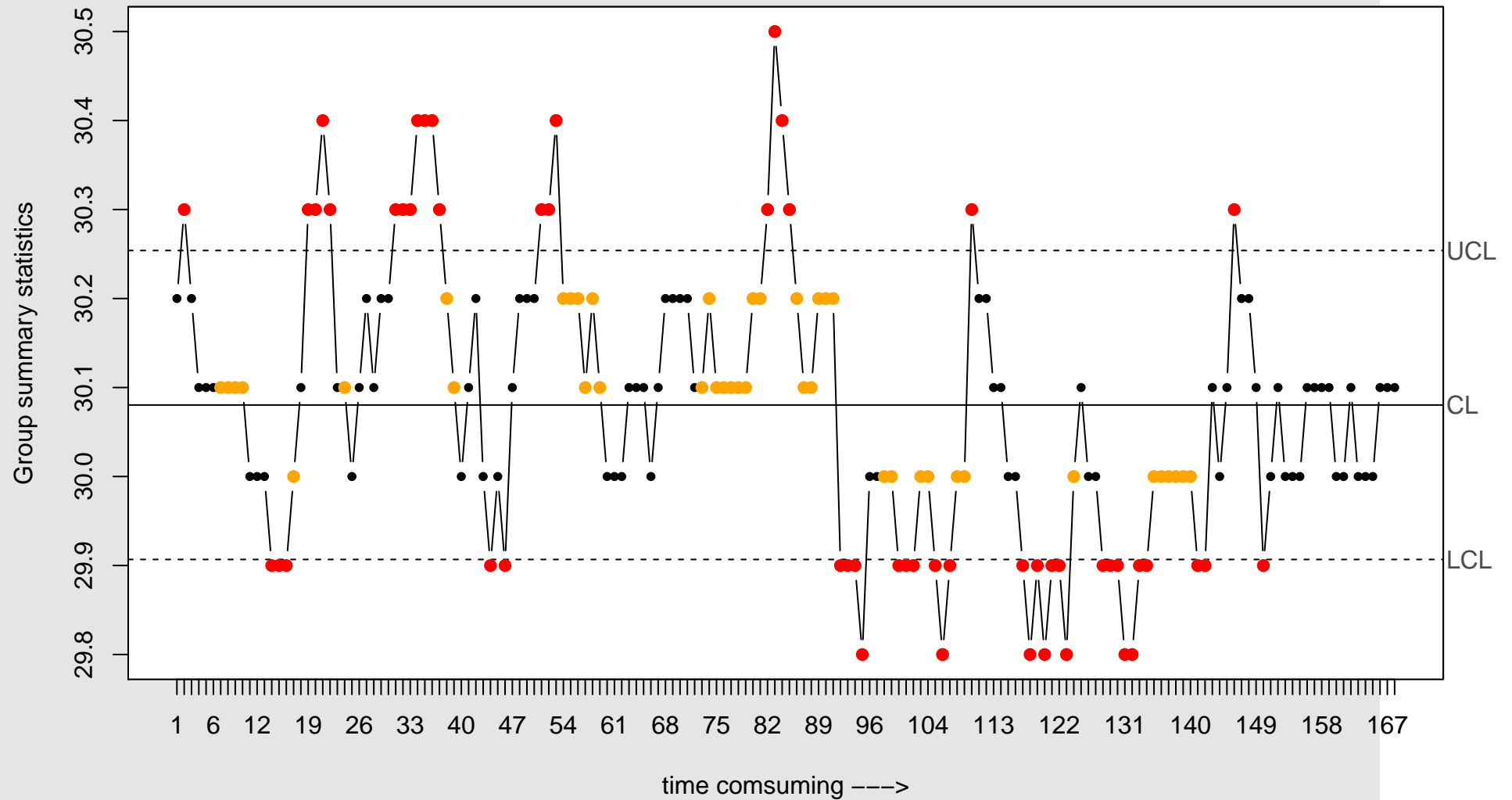
LCL = 29.87096

UCL = 30.27547

Number beyond limits = 30

Number violating runs = 57

269th column point of this product



Number of groups = 168

Center = 30.08036

StdDev = 0.057863

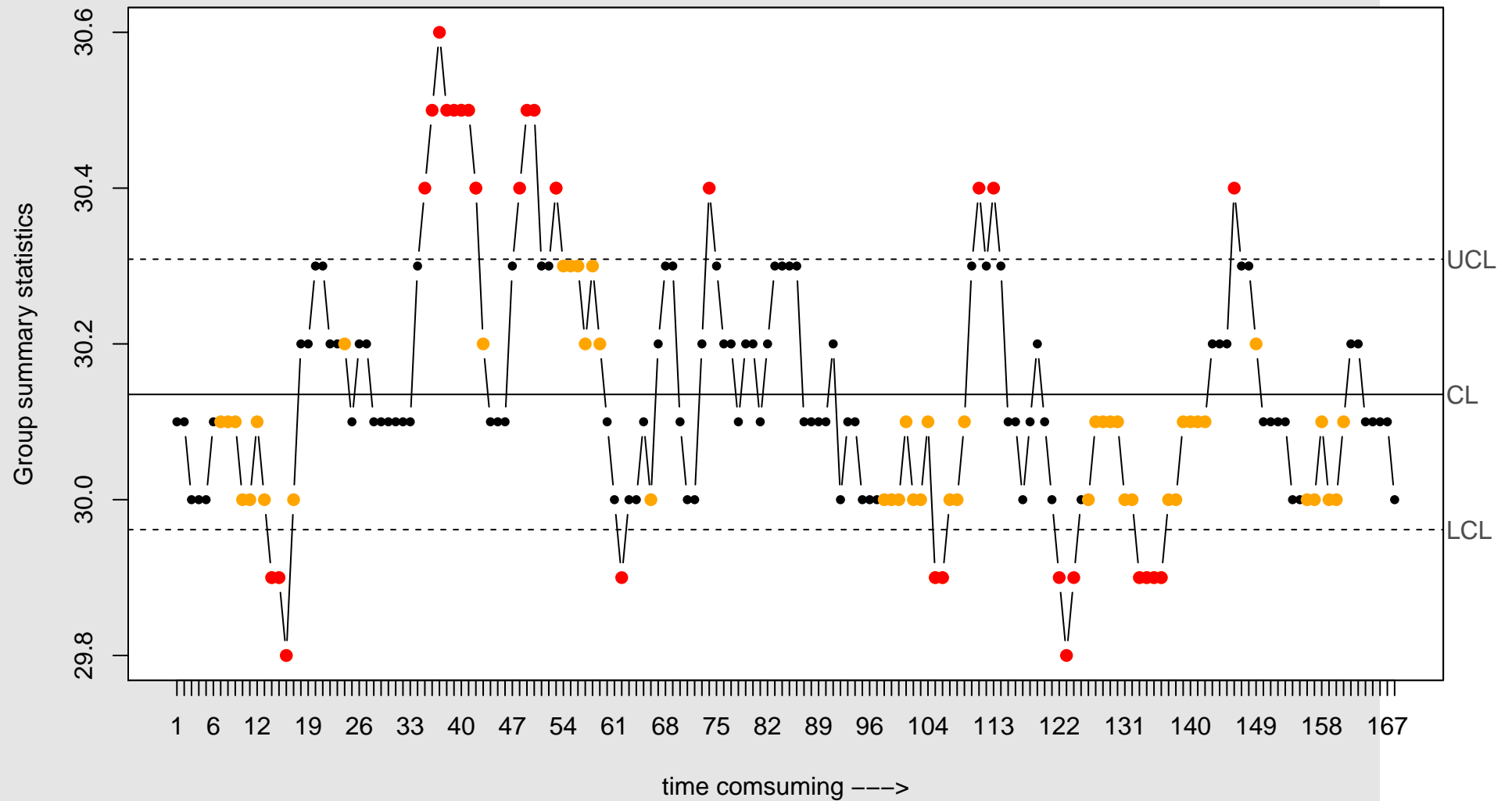
LCL = 29.90677

UCL = 30.25395

Number beyond limits = 53

Number violating runs = 67

270th column point of this product



Number of groups = 168

Center = 30.13512

StdDev = 0.057863

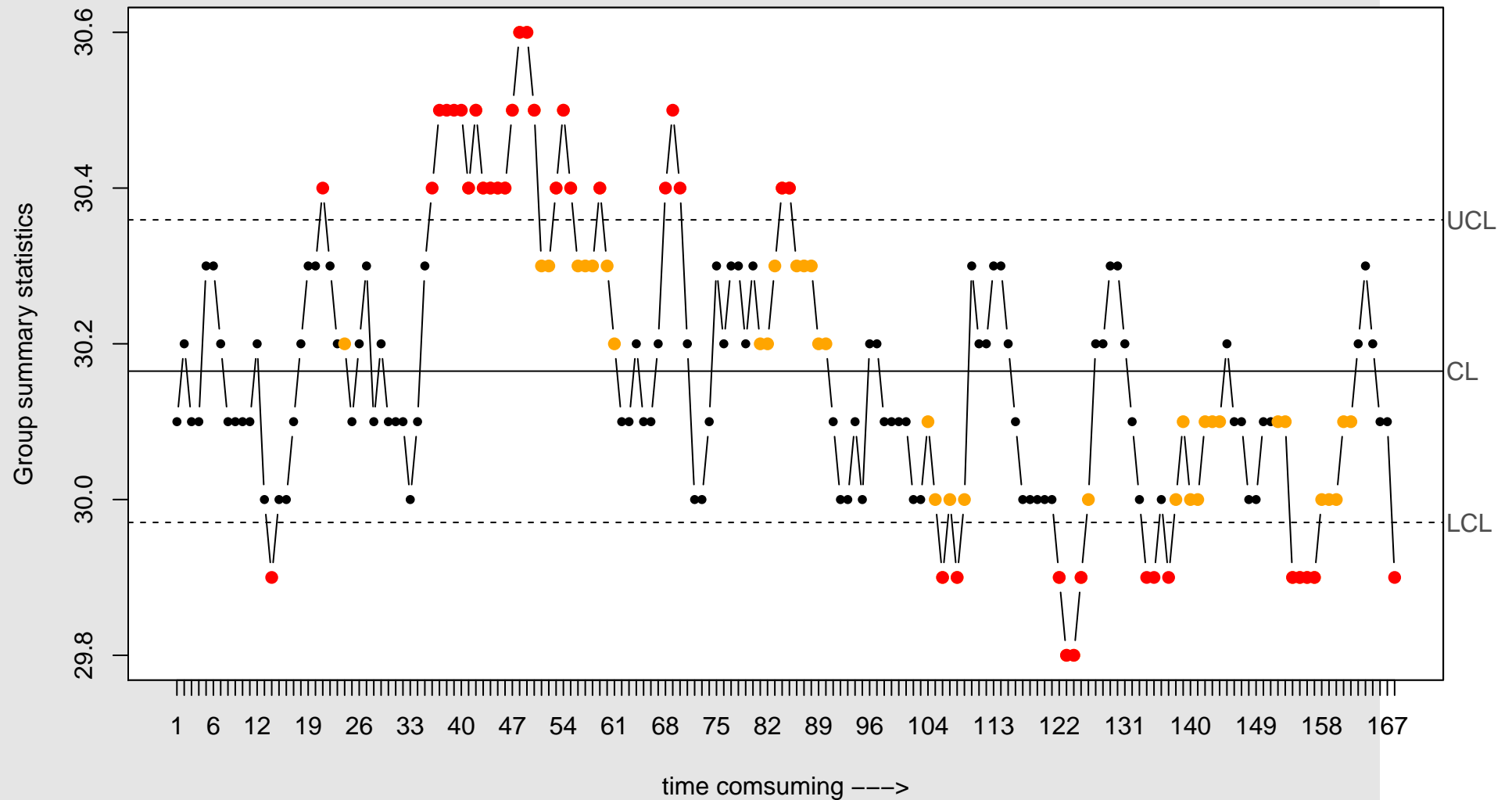
LCL = 29.96153

UCL = 30.30871

Number beyond limits = 29

Number violating runs = 60

271th column point of this product

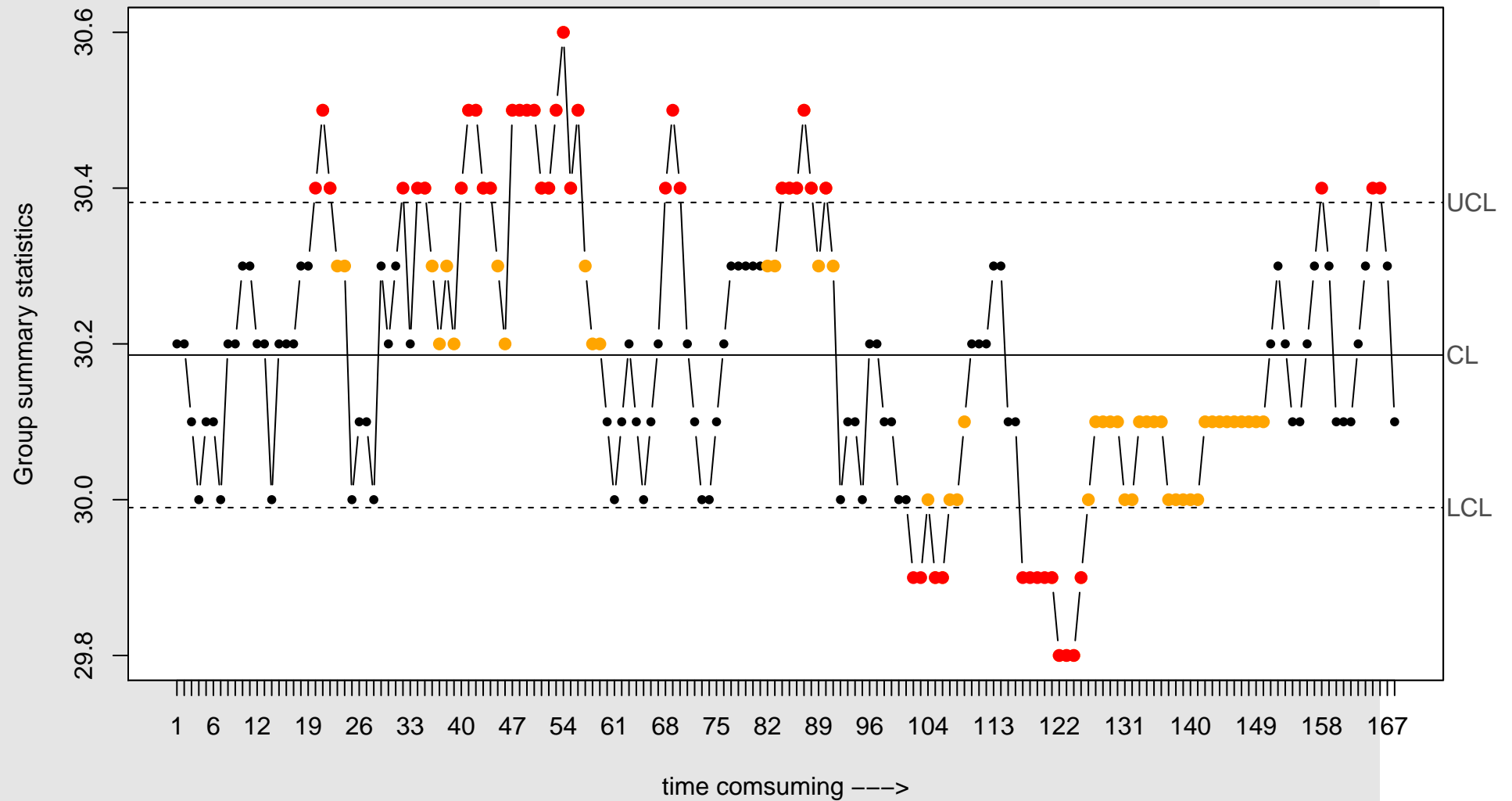


Number of groups = 168
Center = 30.16488
StdDev = 0.06476409

LCL = 29.97059
UCL = 30.35917

Number beyond limits = 40
Number violating runs = 61

272th column point of this product

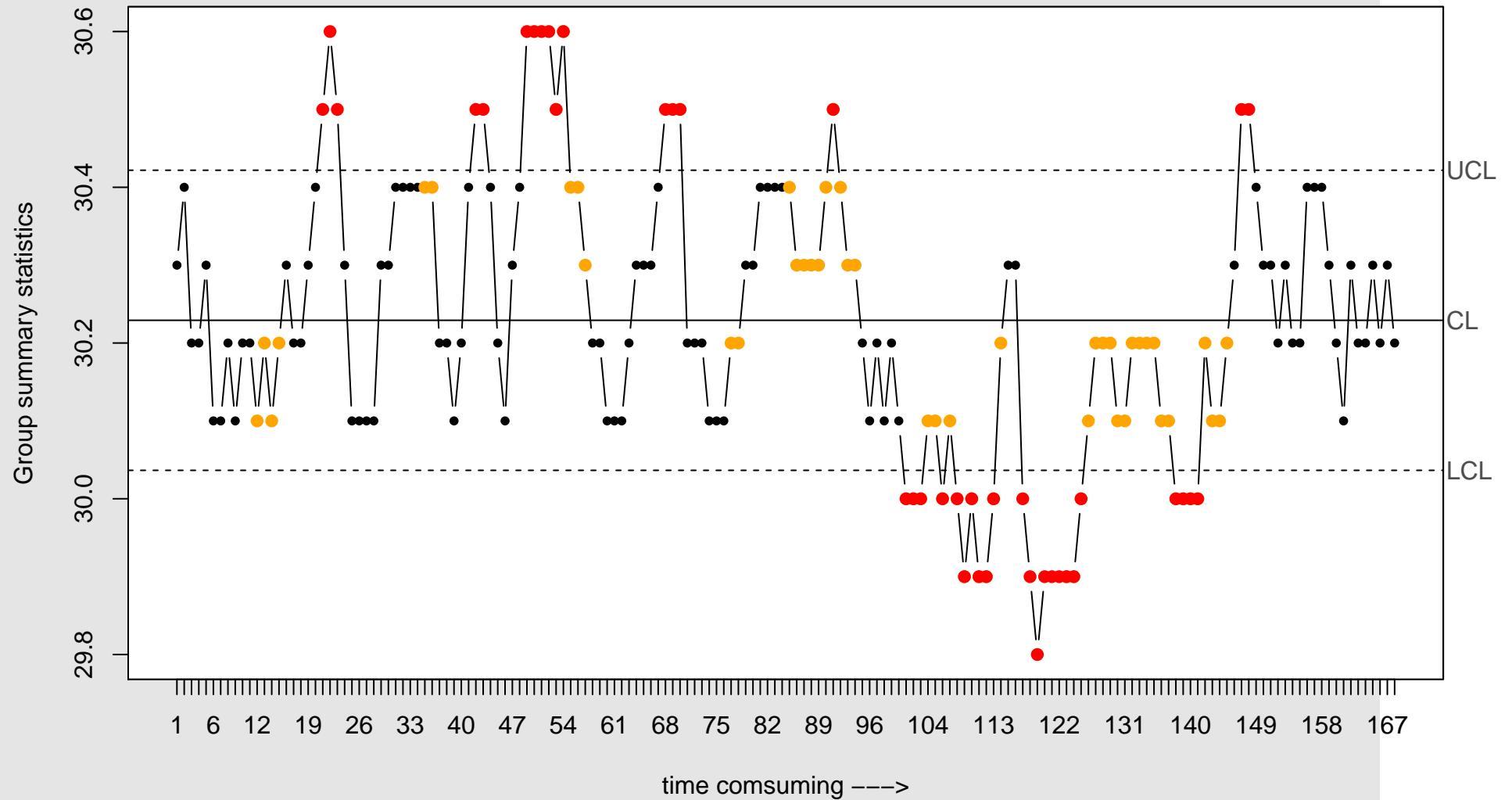


Number of groups = 168
 Center = 30.18571
 StdDev = 0.06529494

LCL = 29.98983
 UCL = 30.3816

Number beyond limits = 46
 Number violating runs = 75

273th column point of this product

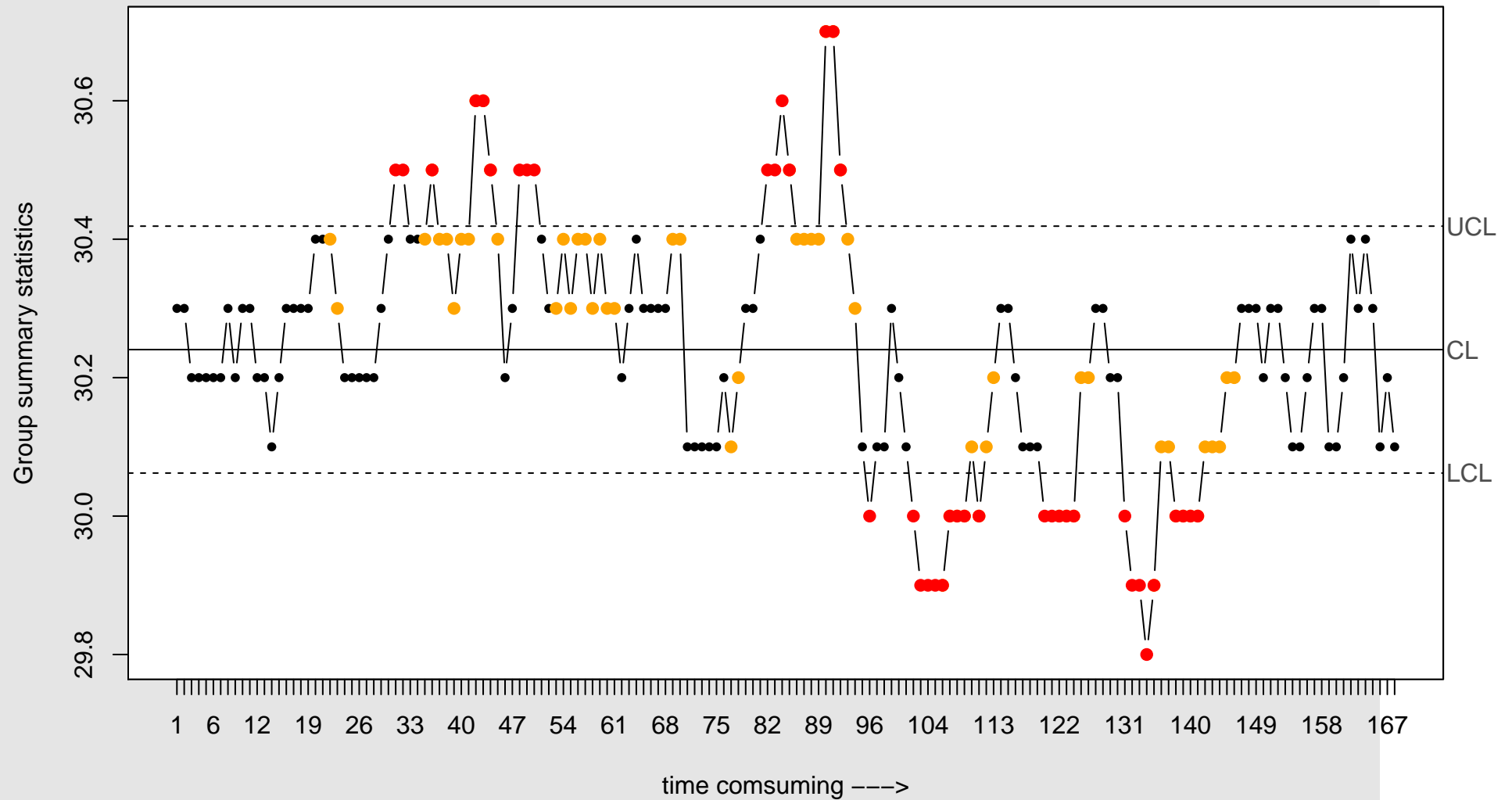


Number of groups = 168
 Center = 30.22917
 StdDev = 0.06423324

LCL = 30.03647
 UCL = 30.42187

Number beyond limits = 40
 Number violating runs = 61

274th column point of this product



Number of groups = 168

Center = 30.24048

StdDev = 0.05945556

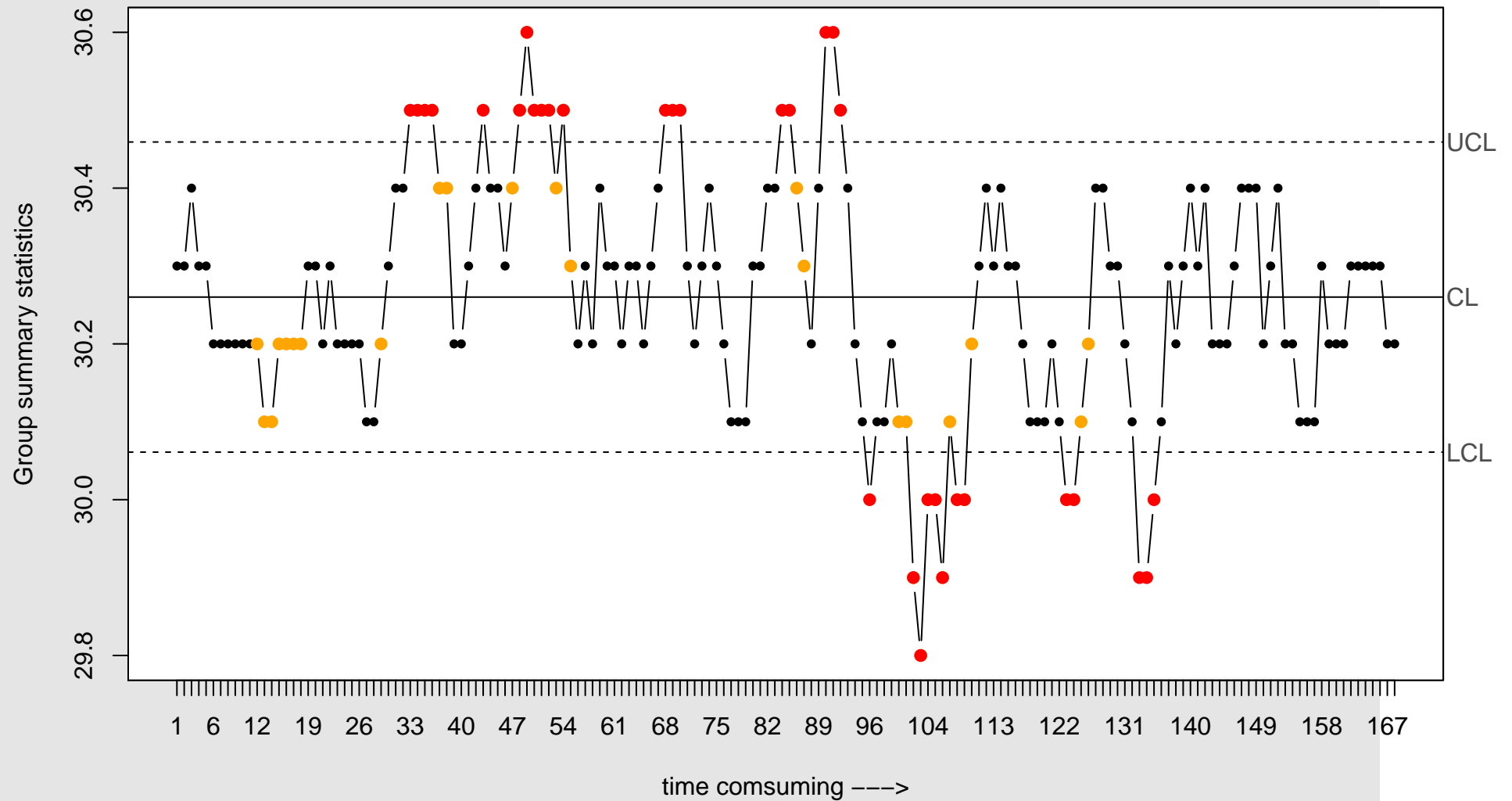
LCL = 30.06211

UCL = 30.41884

Number beyond limits = 40

Number violating runs = 61

275th column point of this product

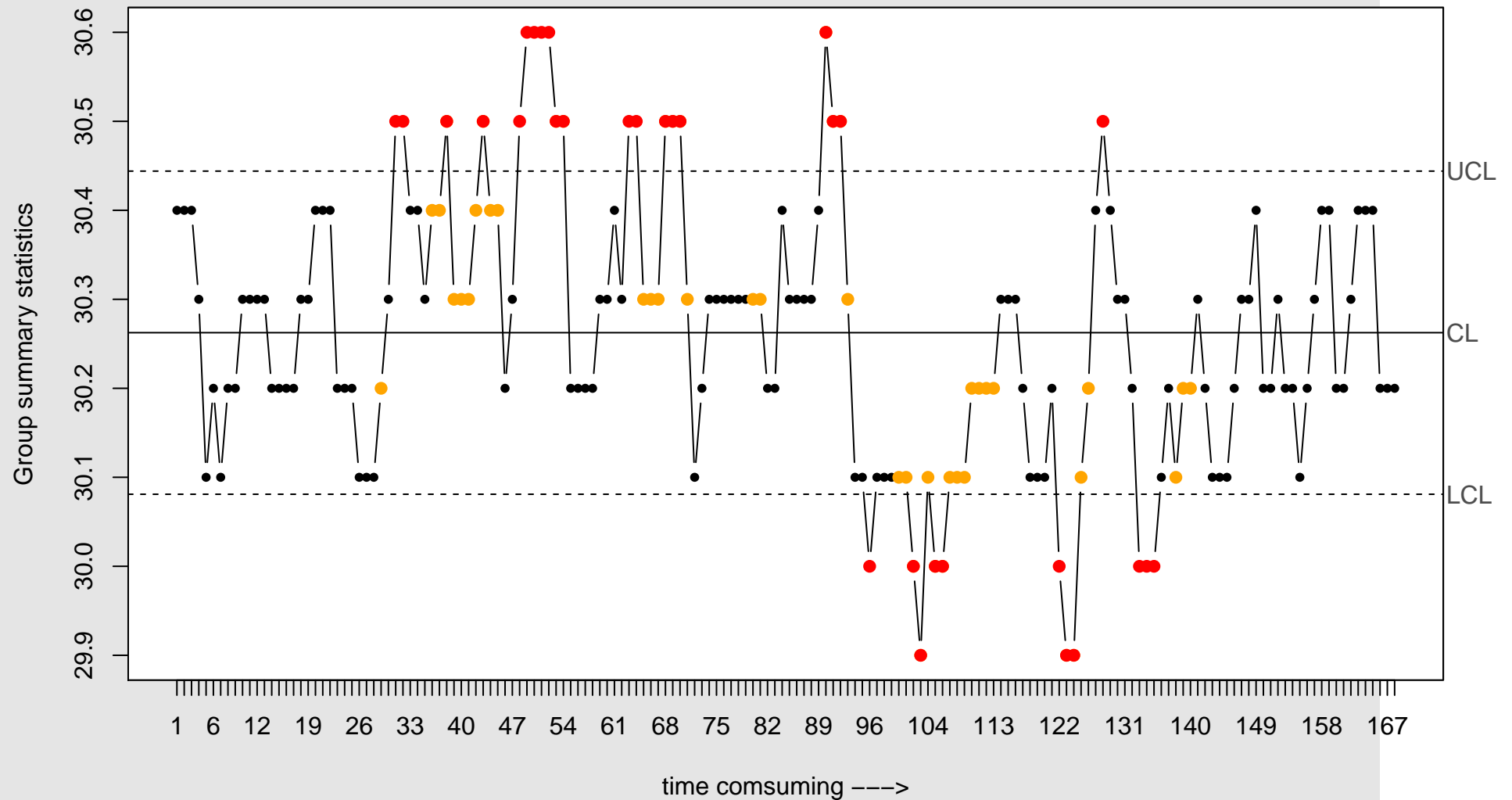


Number of groups = 168
 Center = 30.26012
 StdDev = 0.06635665

LCL = 30.06105
 UCL = 30.45919

Number beyond limits = 32
 Number violating runs = 37

276th column point of this product



Number of groups = 168

Center = 30.2625

StdDev = 0.06051726

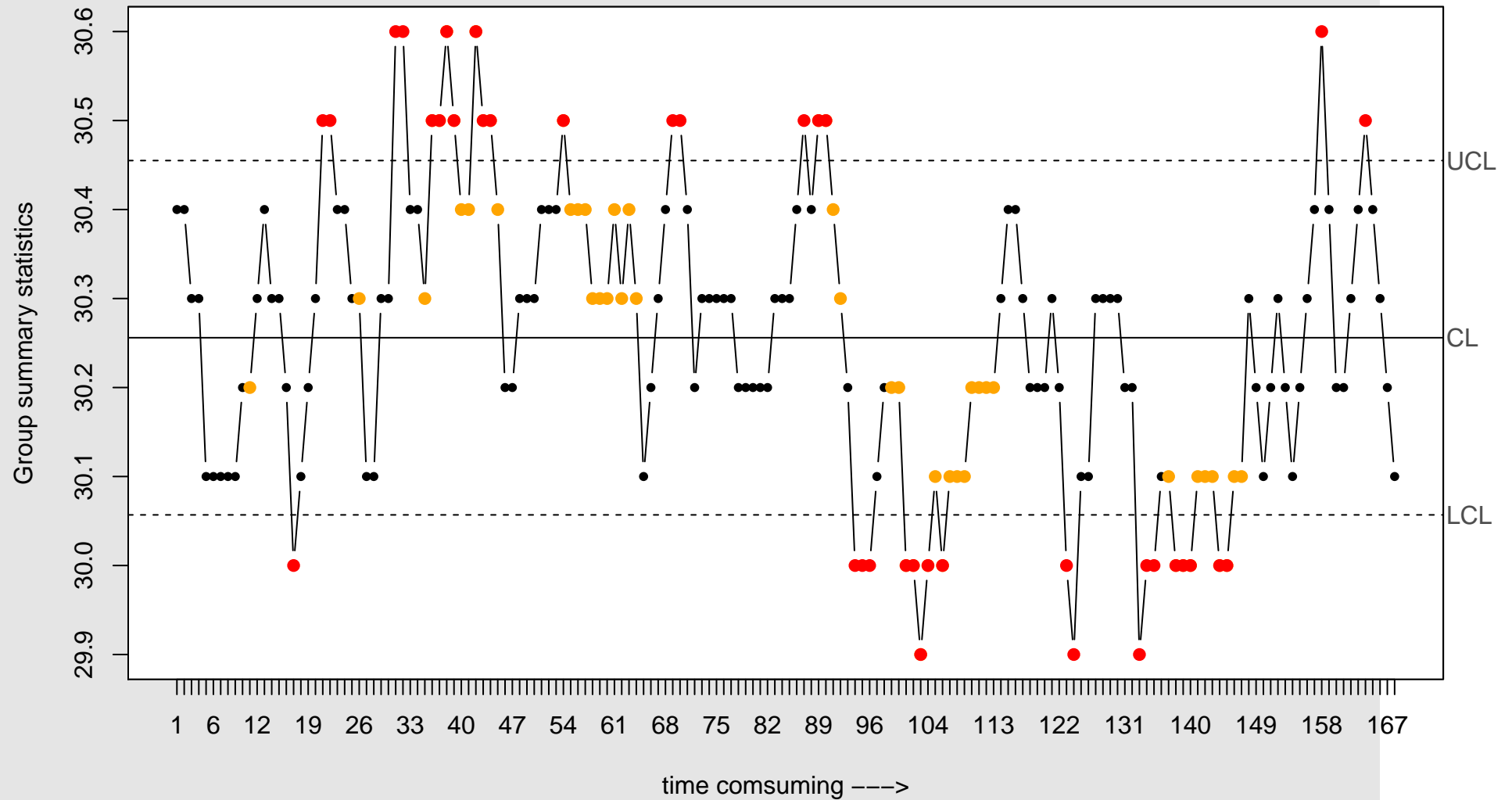
LCL = 30.08095

UCL = 30.44405

Number beyond limits = 31

Number violating runs = 47

277th column point of this product



Number of groups = 168

Center = 30.25595

StdDev = 0.06635665

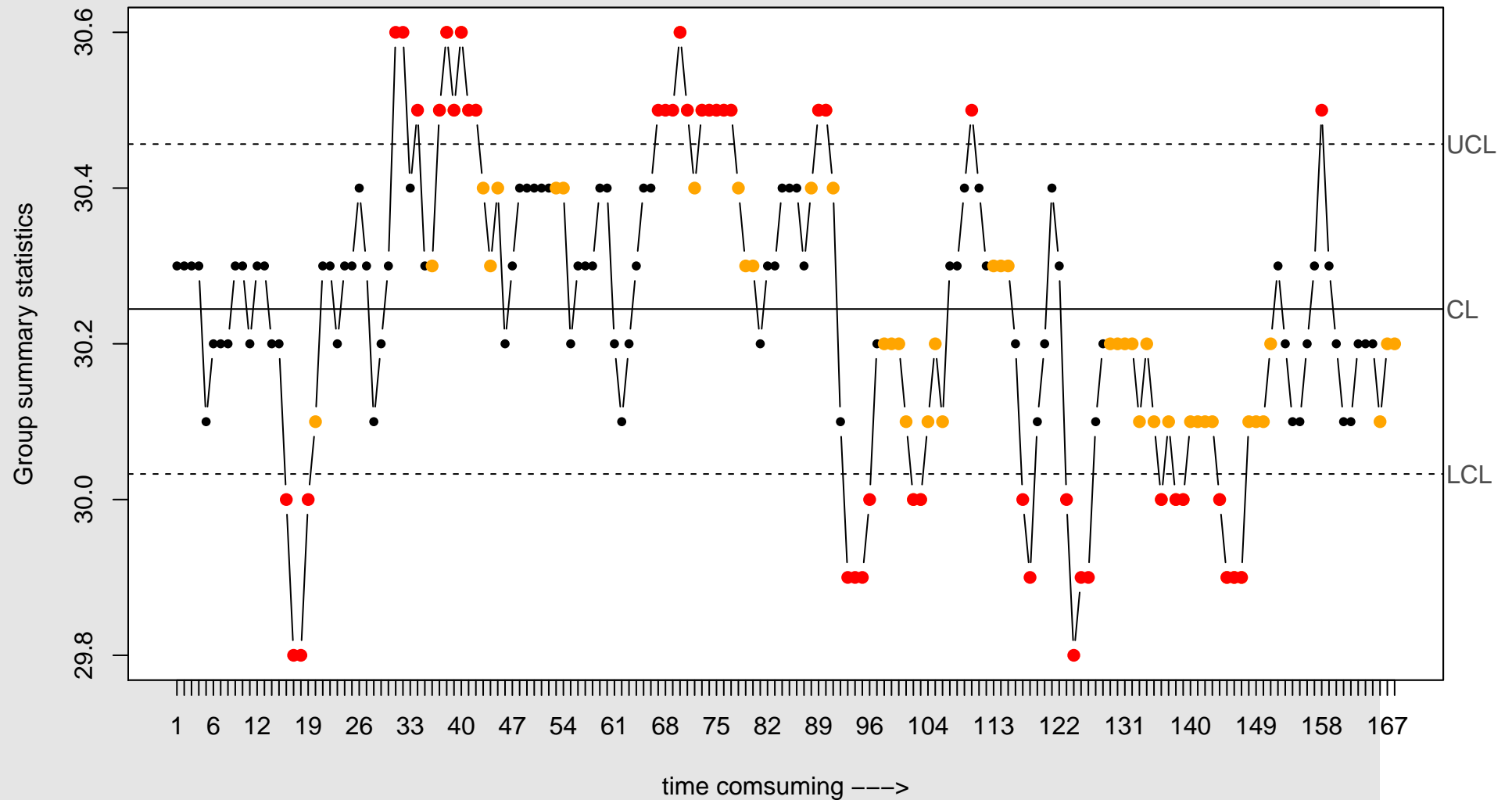
LCL = 30.05688

UCL = 30.45502

Number beyond limits = 38

Number violating runs = 54

278th column point of this product

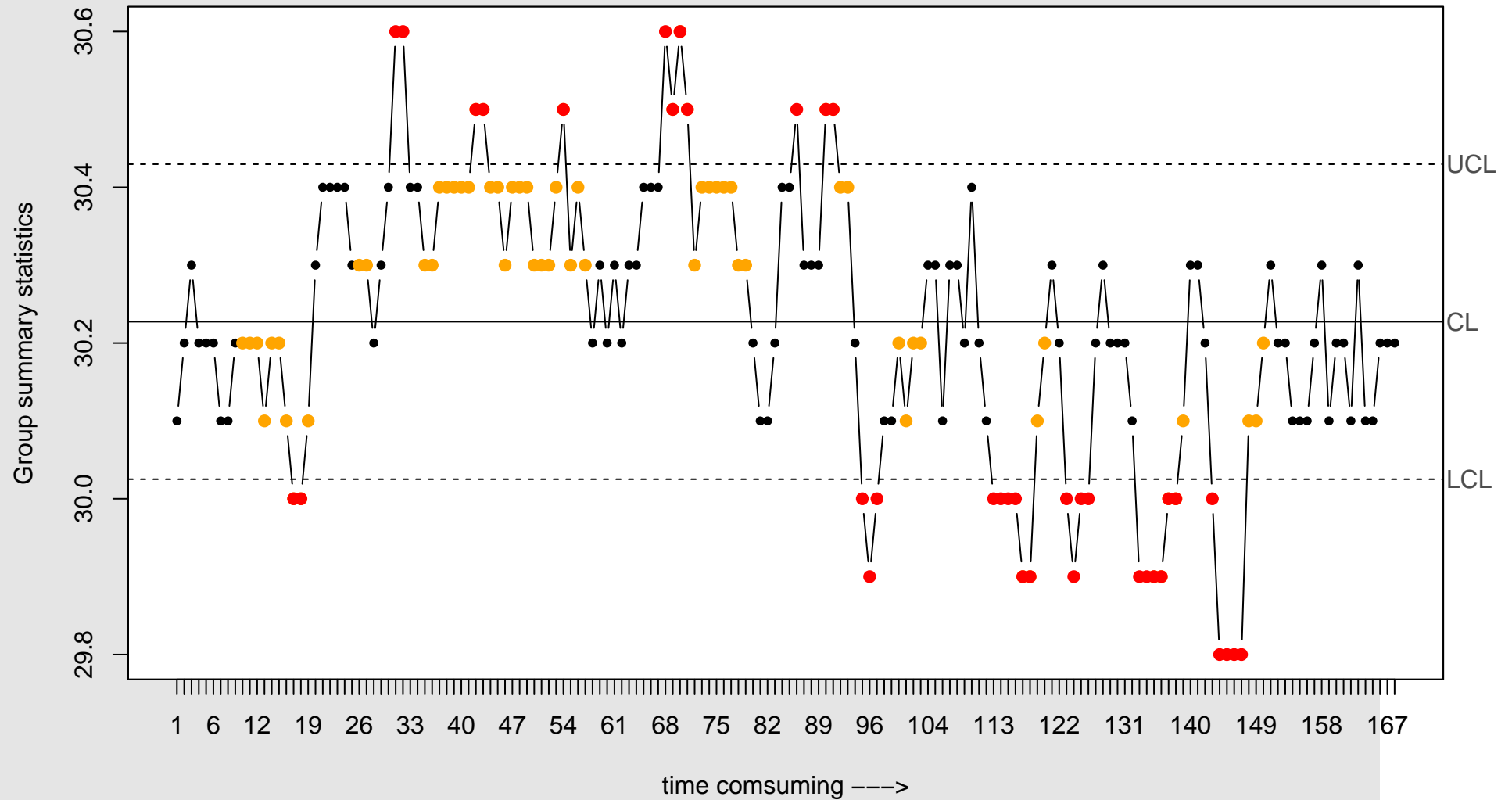


Number of groups = 168
Center = 30.24464
StdDev = 0.07060347

LCL = 30.03283
UCL = 30.45645

Number beyond limits = 46
Number violating runs = 66

279th column point of this product



Number of groups = 168

Center = 30.22738

StdDev = 0.06741835

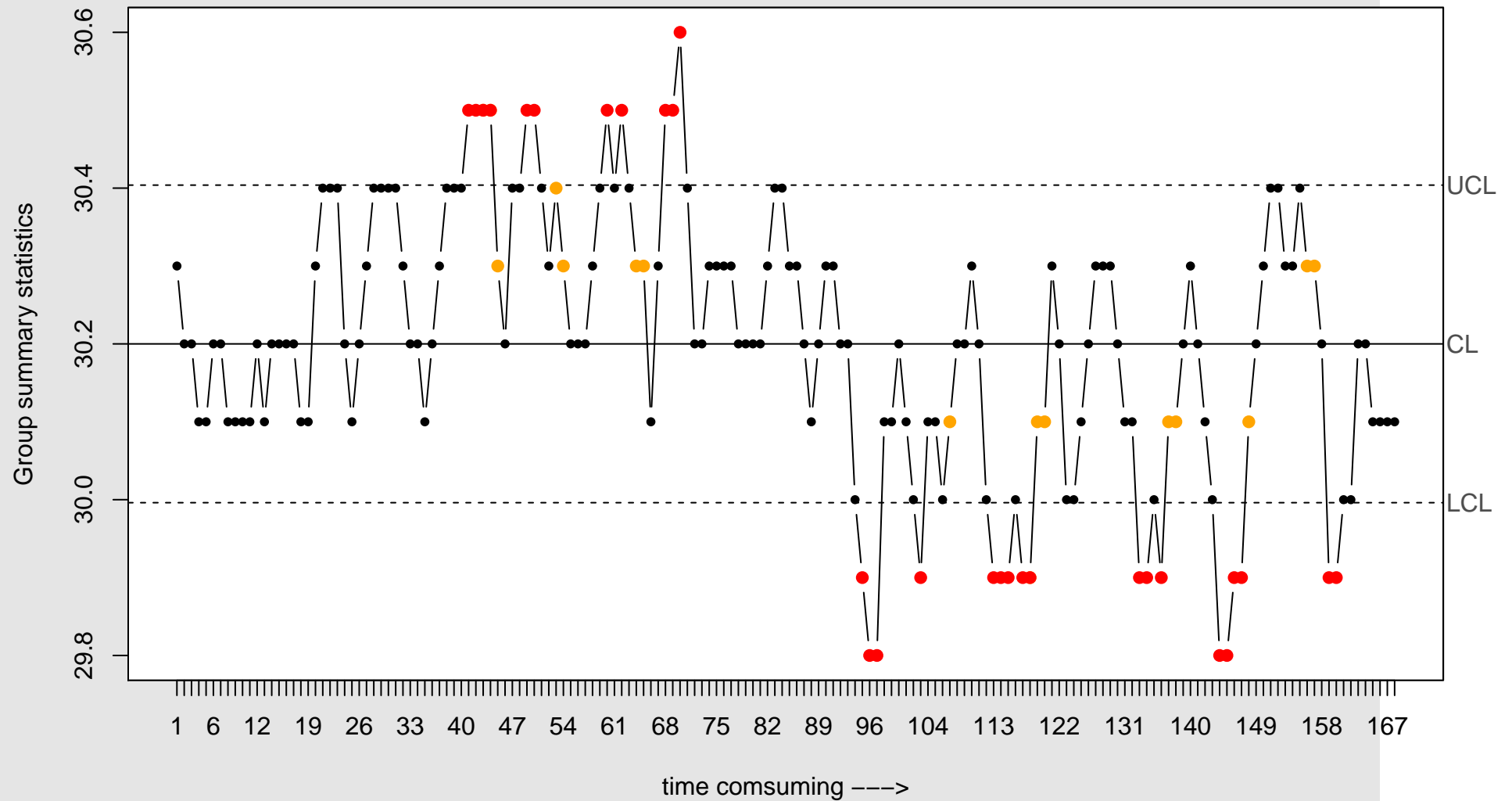
LCL = 30.02513

UCL = 30.42964

Number beyond limits = 38

Number violating runs = 66

280th column point of this product



Number of groups = 168

Center = 30.2

StdDev = 0.06794921

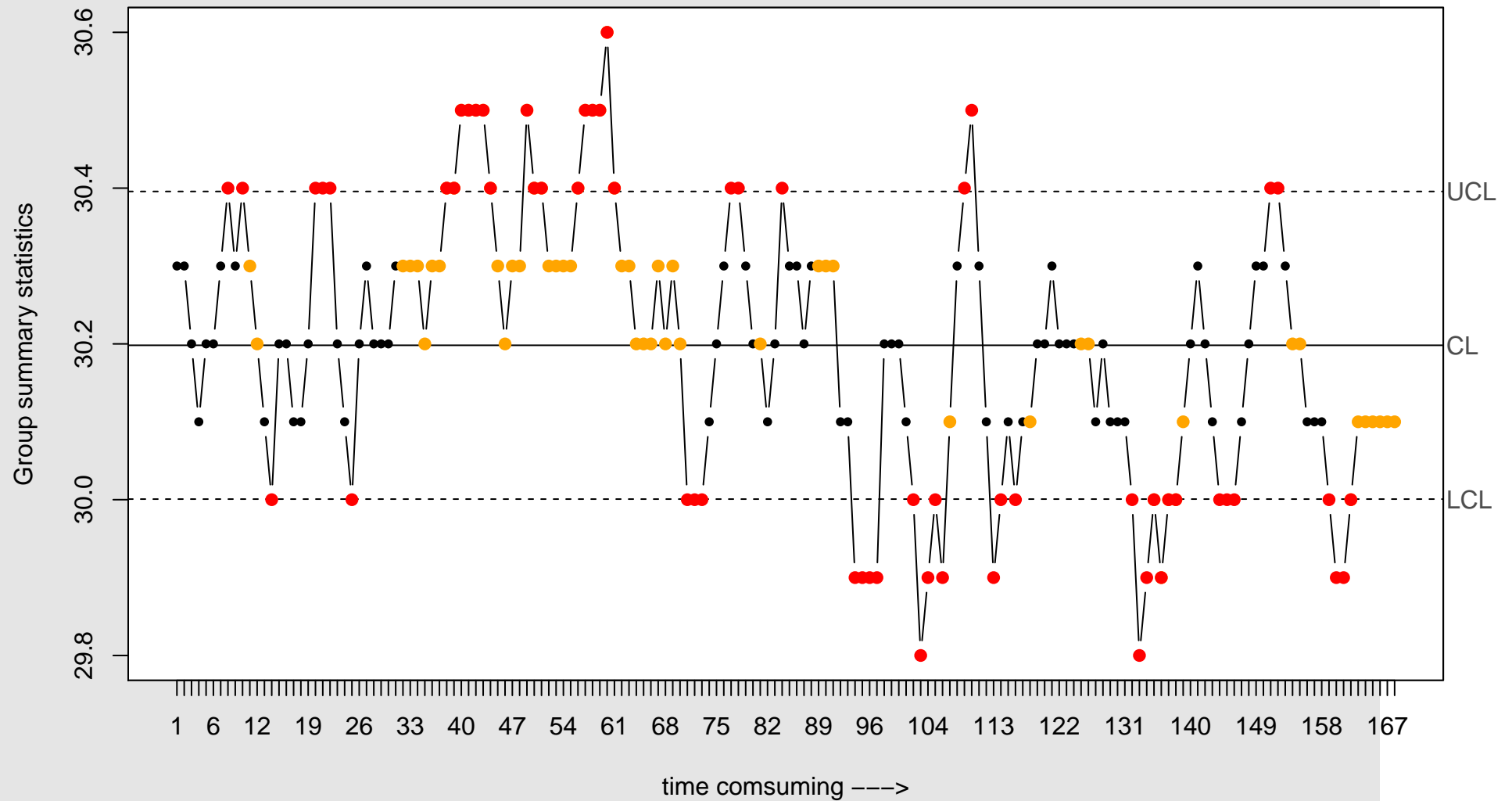
LCL = 29.99615

UCL = 30.40385

Number beyond limits = 29

Number violating runs = 16

281th column point of this product



Number of groups = 168

Center = 30.19821

StdDev = 0.0658258

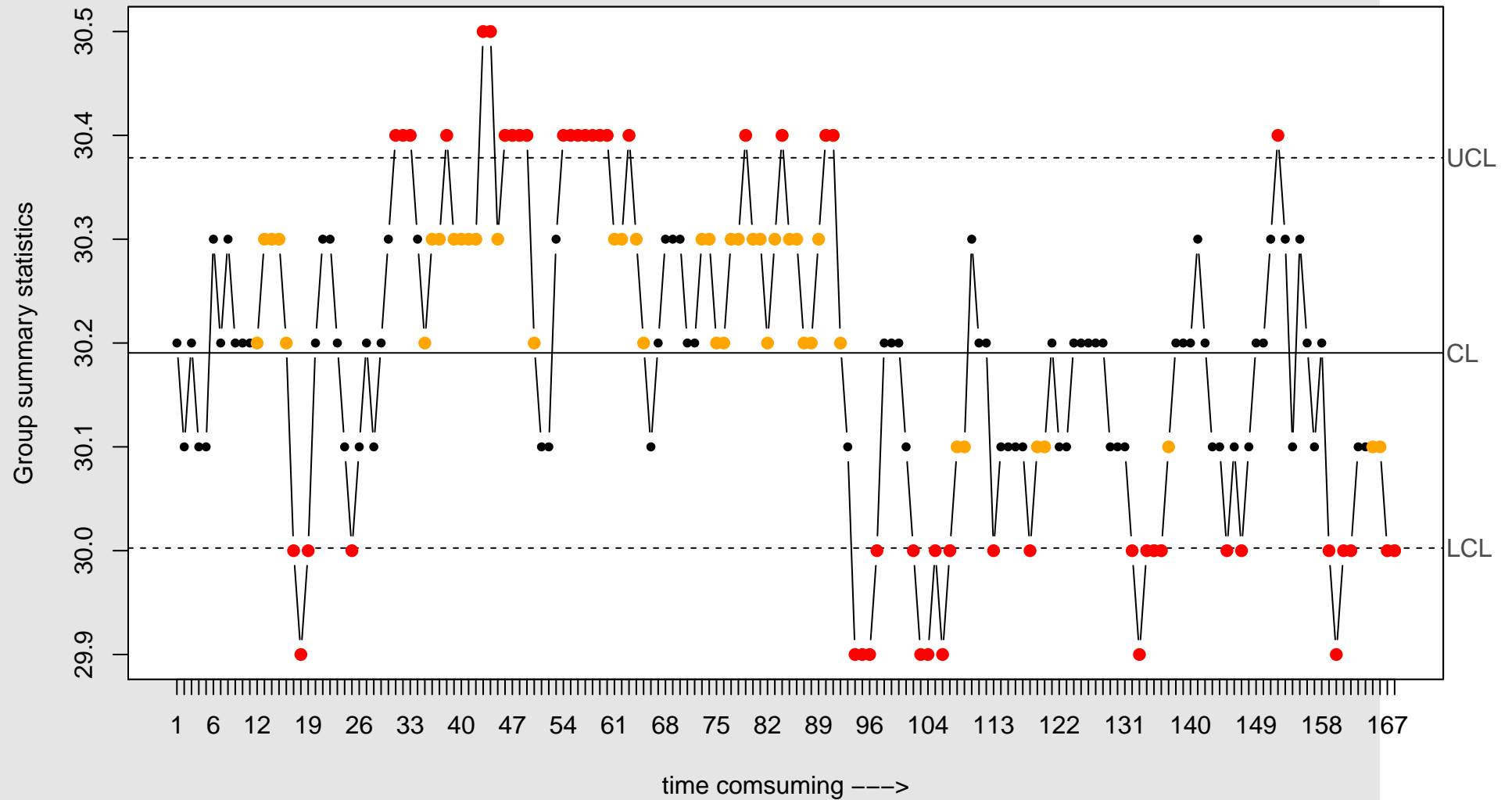
LCL = 30.00074

UCL = 30.39569

Number beyond limits = 59

Number violating runs = 63

282th column point of this product

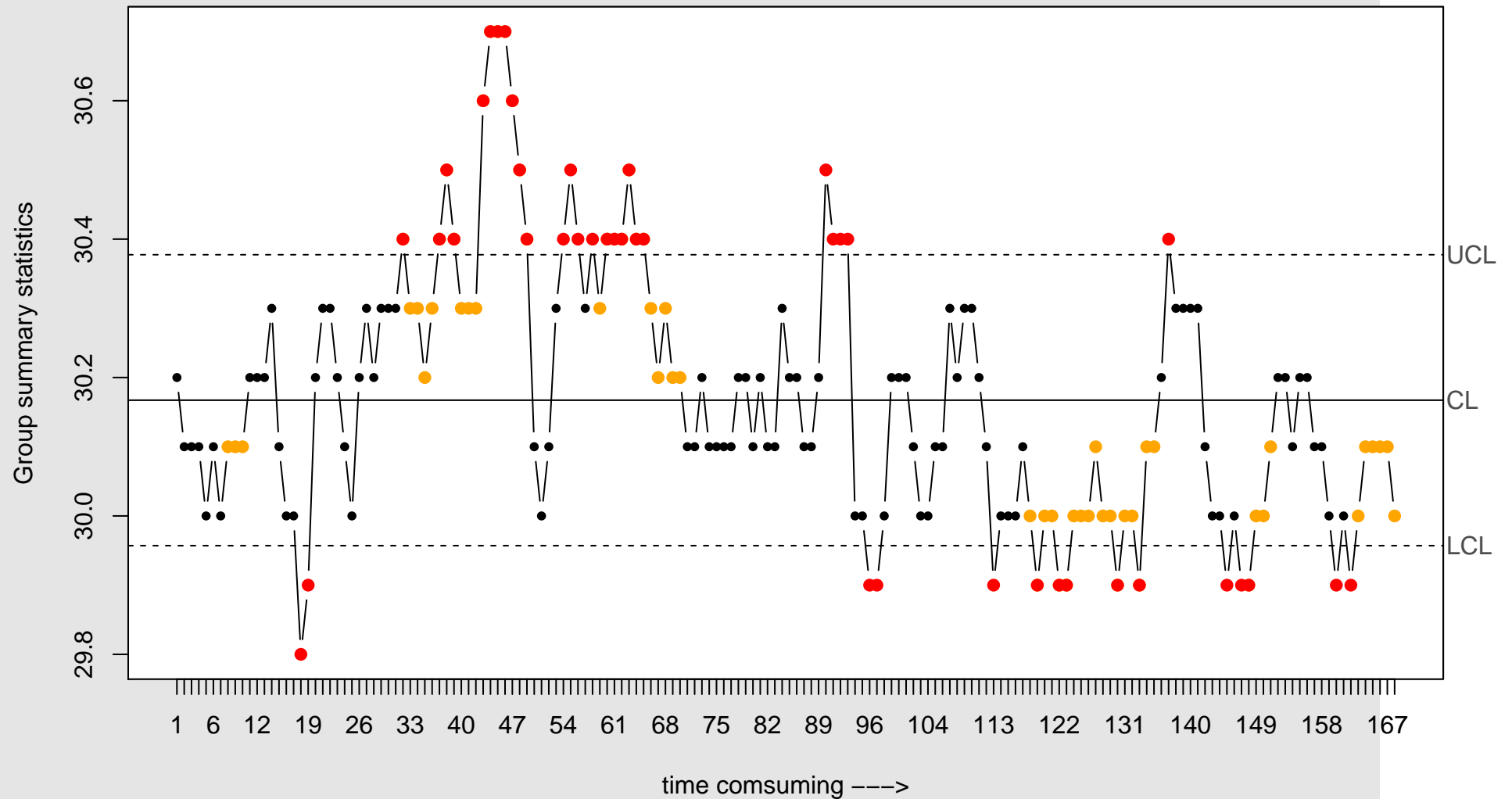


Number of groups = 168
Center = 30.19048
StdDev = 0.06264068

LCL = 30.00255
UCL = 30.3784

Number beyond limits = 52
Number violating runs = 60

283th column point of this product



Number of groups = 168

Center = 30.16726

StdDev = 0.07007262

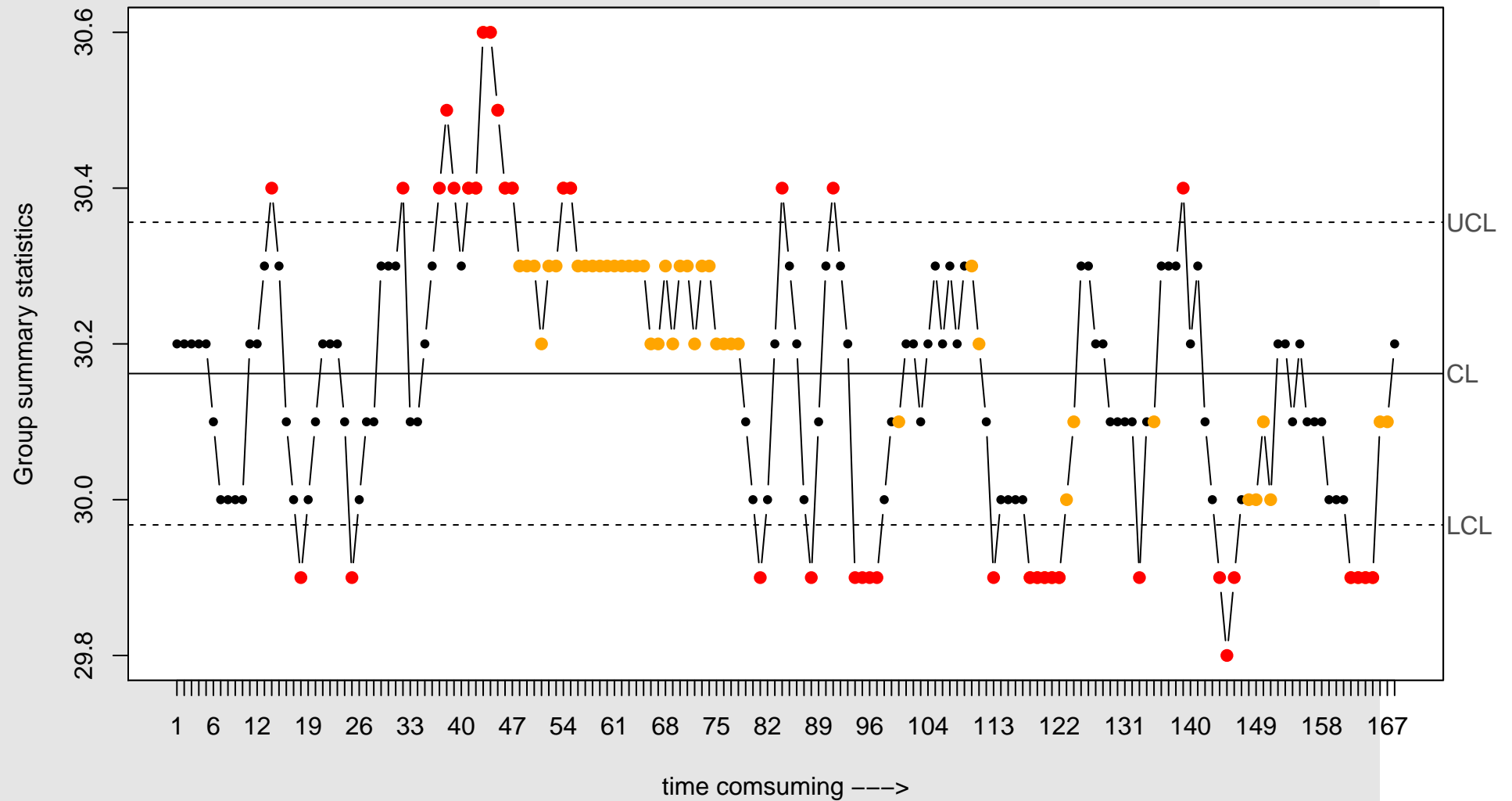
LCL = 29.95704

UCL = 30.37748

Number beyond limits = 41

Number violating runs = 61

284th column point of this product



Number of groups = 168

Center = 30.1619

StdDev = 0.06476409

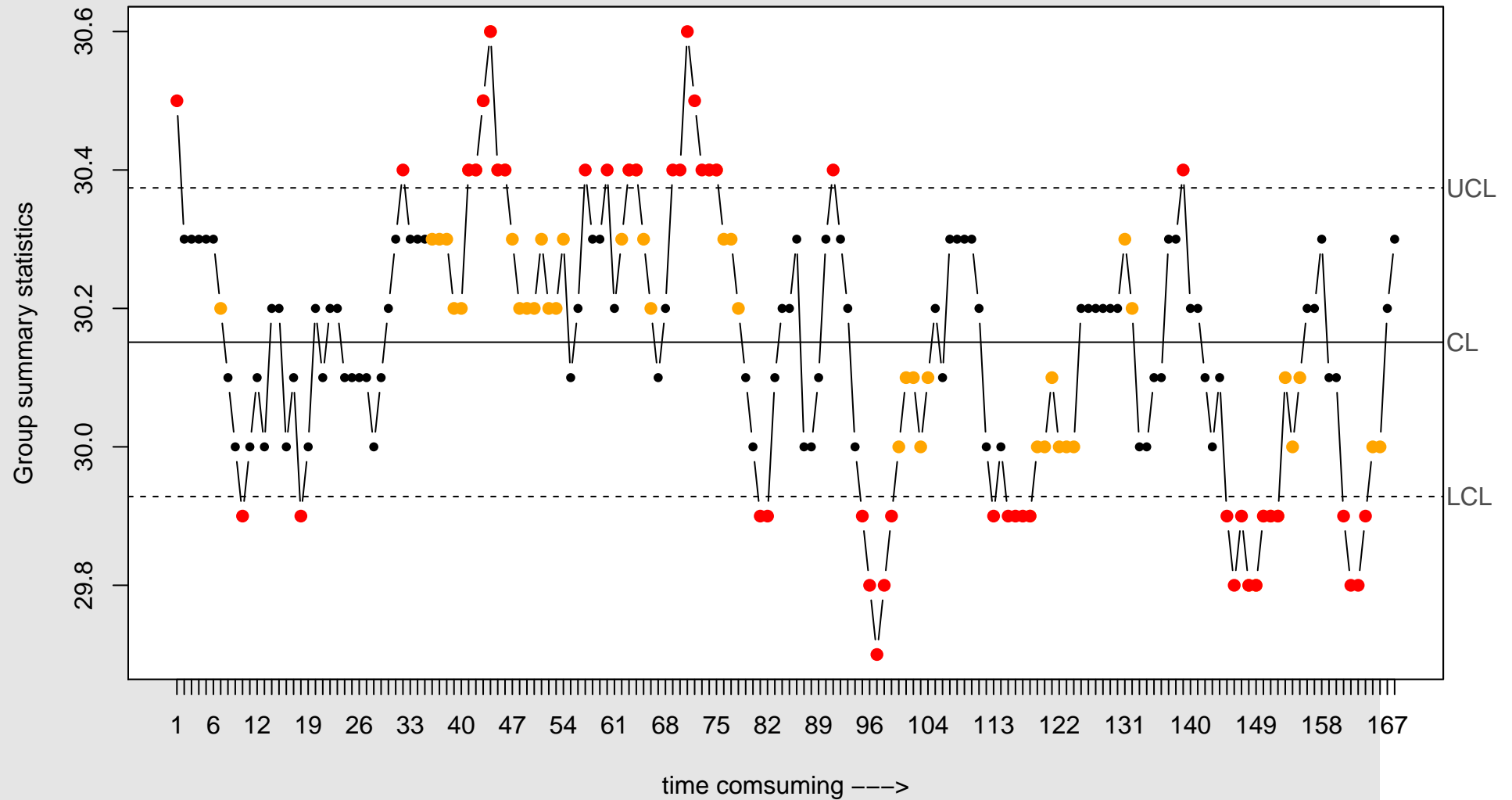
LCL = 29.96761

UCL = 30.3562

Number beyond limits = 39

Number violating runs = 59

285th column point of this product



Number of groups = 168

Center = 30.15119

StdDev = 0.07431945

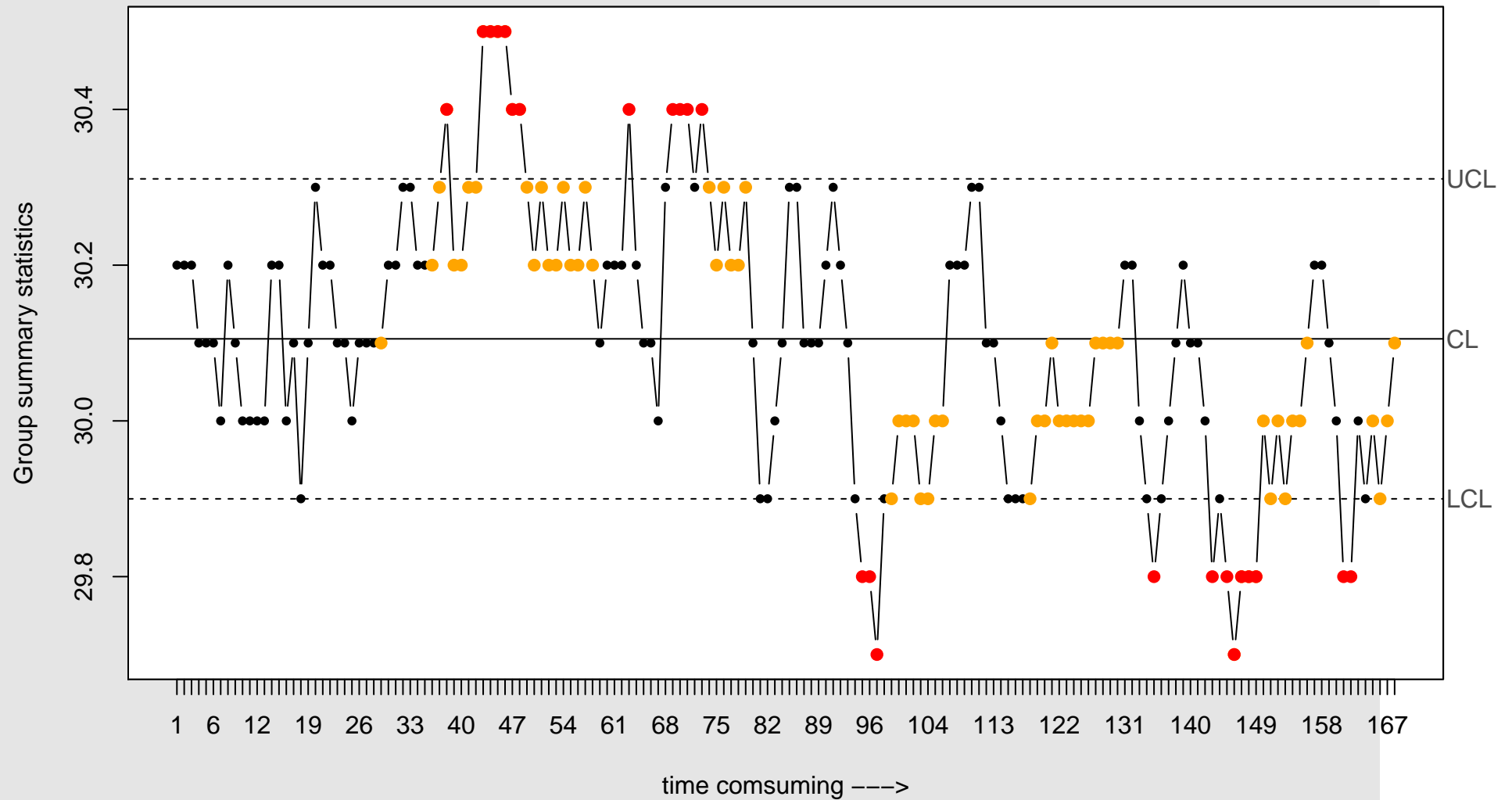
LCL = 29.92823

UCL = 30.37415

Number beyond limits = 47

Number violating runs = 54

286th column point of this product



Number of groups = 168

Center = 30.10536

StdDev = 0.06848006

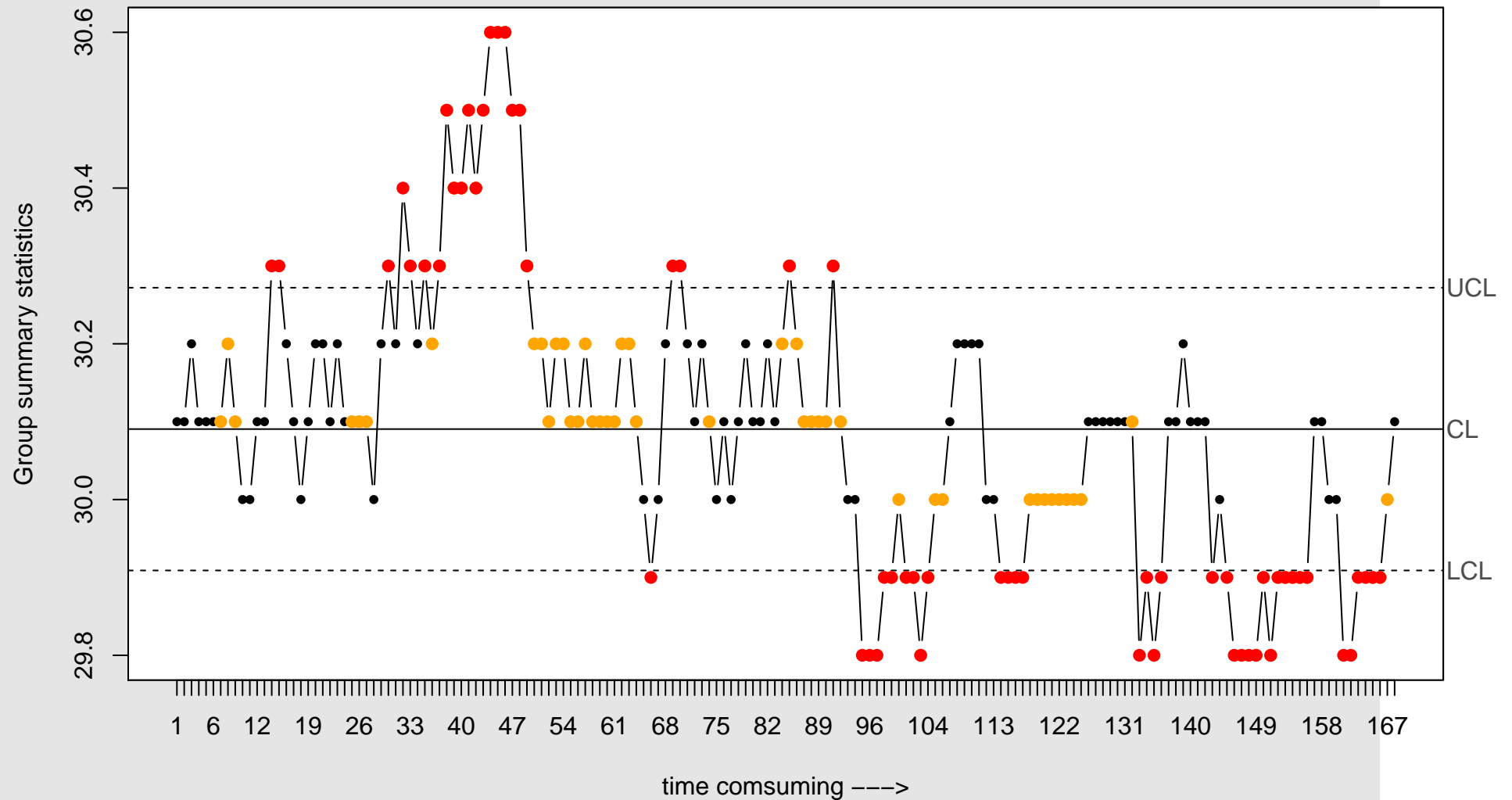
LCL = 29.89992

UCL = 30.3108

Number beyond limits = 24

Number violating runs = 66

287th column point of this product

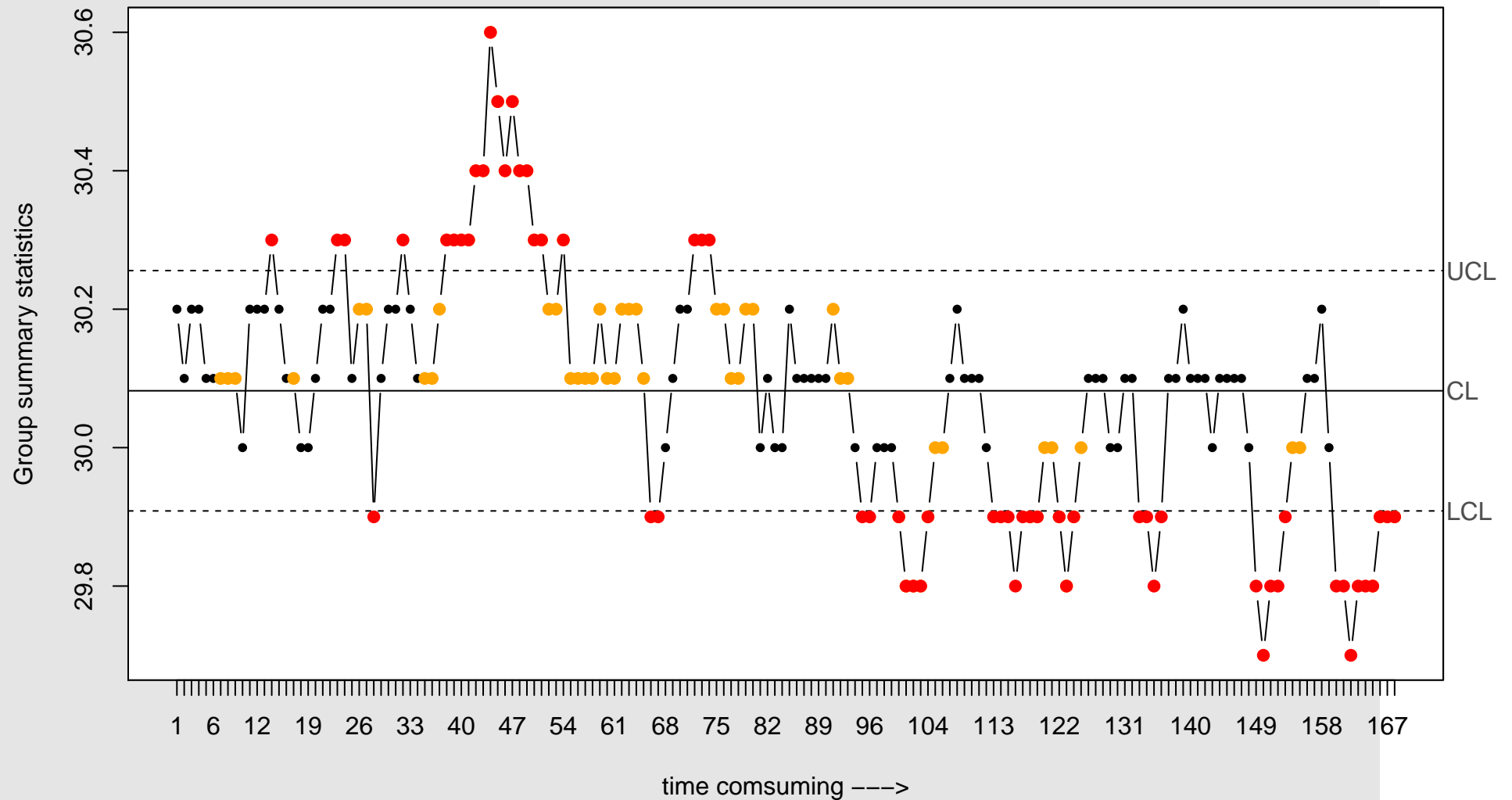


Number of groups = 168
Center = 30.09048
StdDev = 0.06051726

LCL = 29.90892
UCL = 30.27203

Number beyond limits = 60
Number violating runs = 74

288th column point of this product

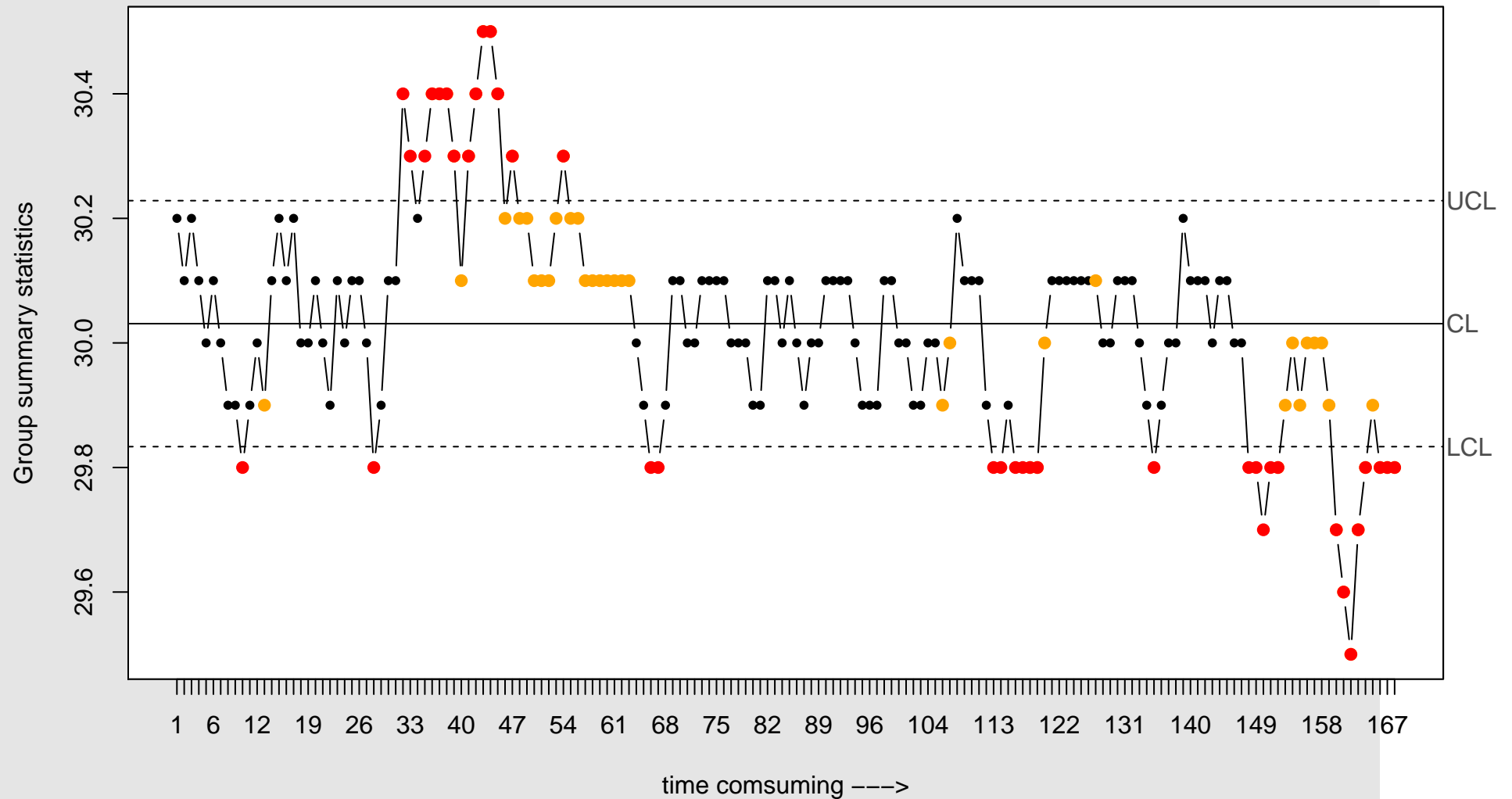


Number of groups = 168
Center = 30.08214
StdDev = 0.057863

LCL = 29.90855
UCL = 30.25573

Number beyond limits = 60
Number violating runs = 67

289th column point of this product

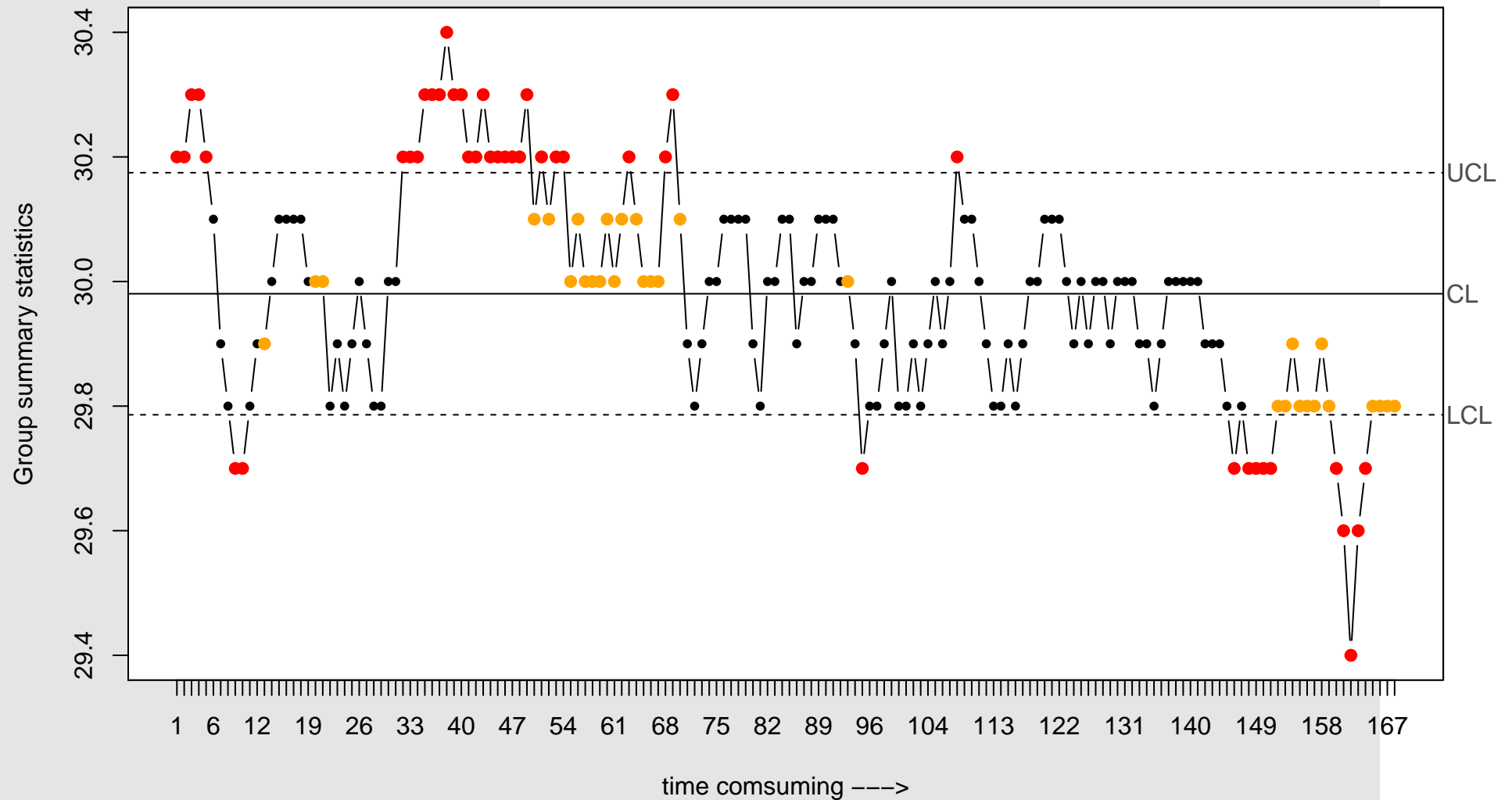


Number of groups = 168
Center = 30.03095
StdDev = 0.0658258

LCL = 29.83347
UCL = 30.22843

Number beyond limits = 38
Number violating runs = 52

290th column point of this product

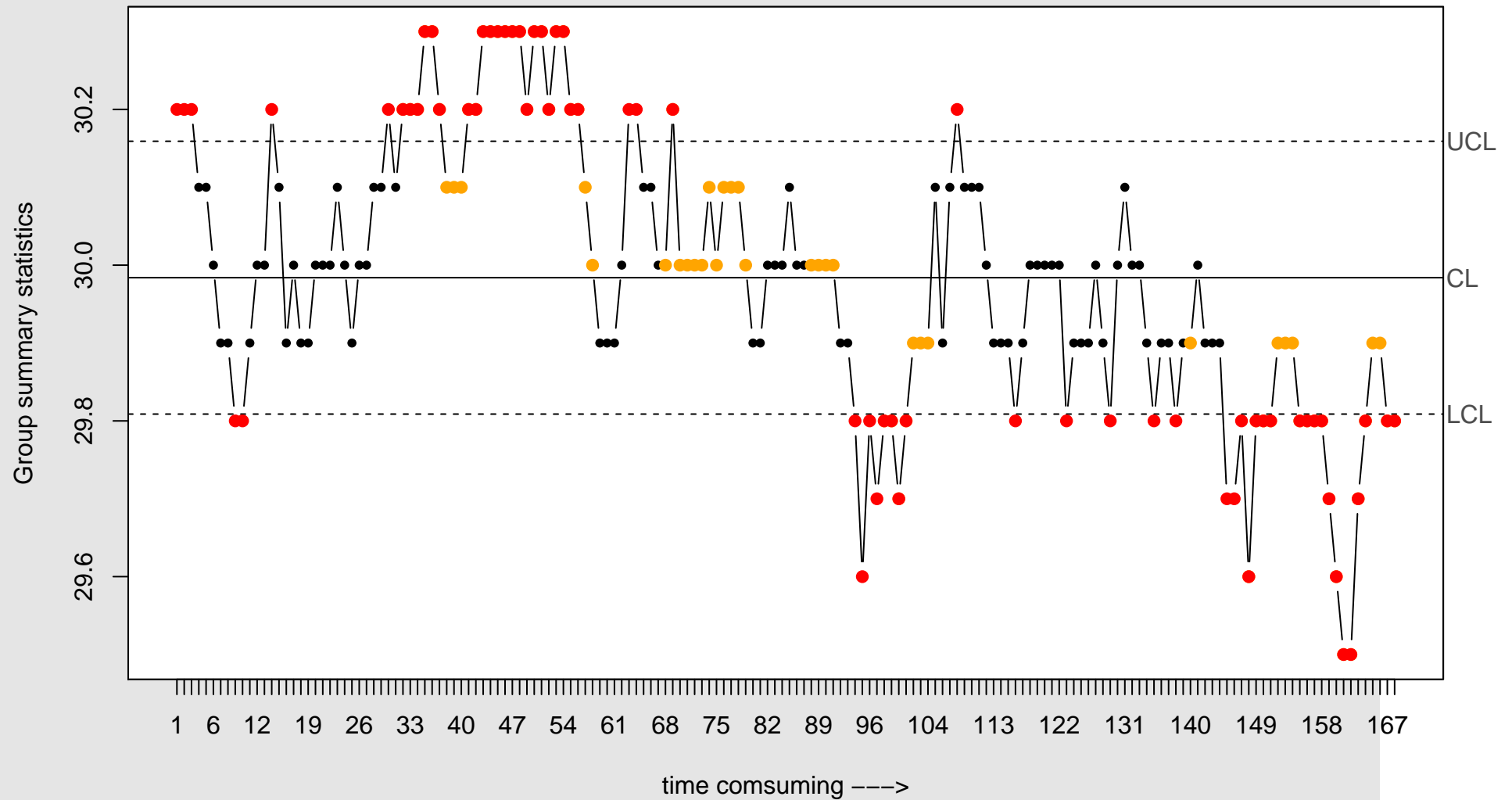


Number of groups = 168
 Center = 29.98036
 StdDev = 0.06476409

LCL = 29.78606
 UCL = 30.17465

Number beyond limits = 43
 Number violating runs = 60

291th column point of this product

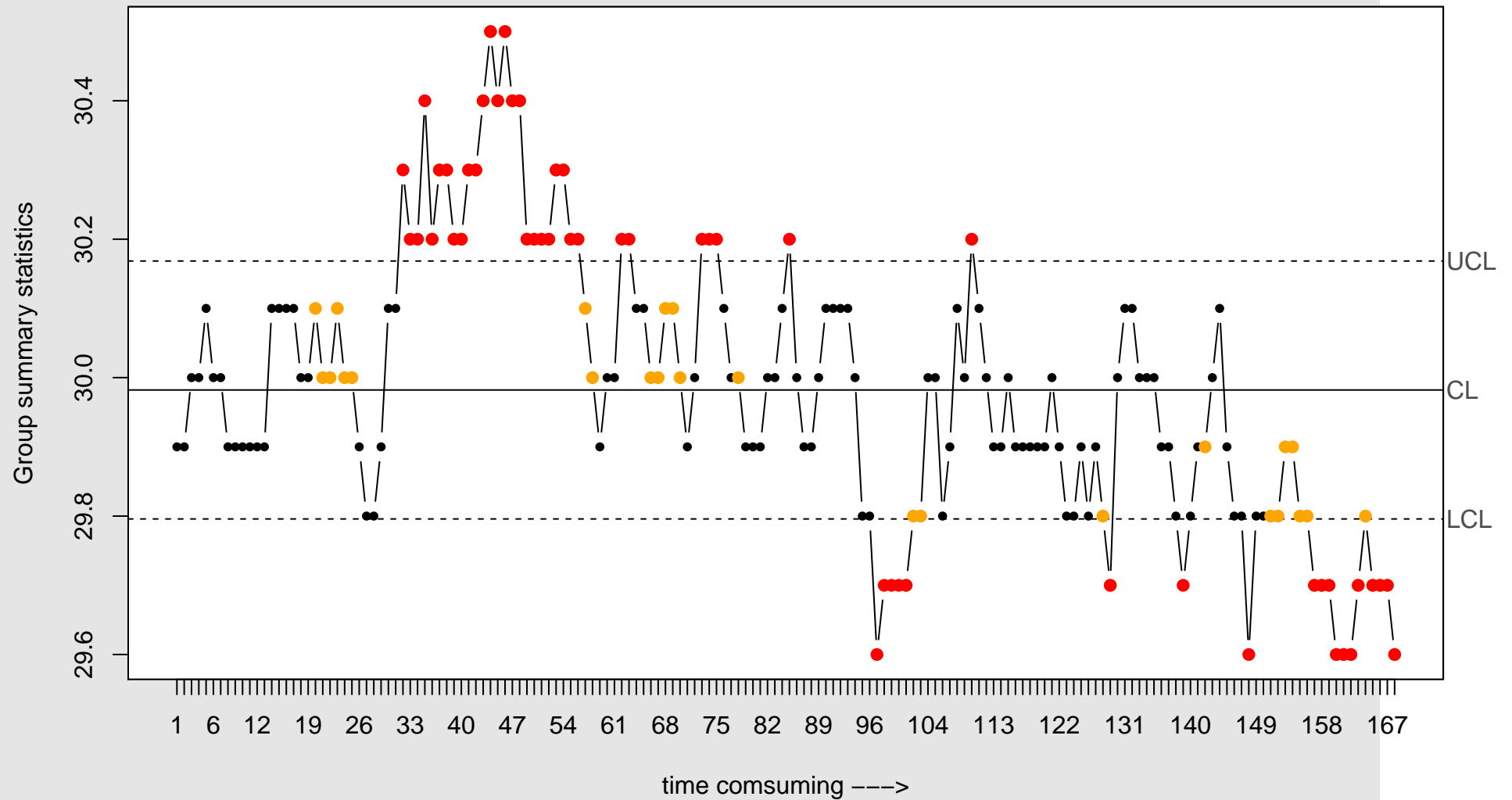


Number of groups = 168
 Center = 29.98393
 StdDev = 0.05839385

LCL = 29.80875
 UCL = 30.15911

Number beyond limits = 65
 Number violating runs = 72

292th column point of this product



Number of groups = 168

Center = 29.98214

StdDev = 0.06210982

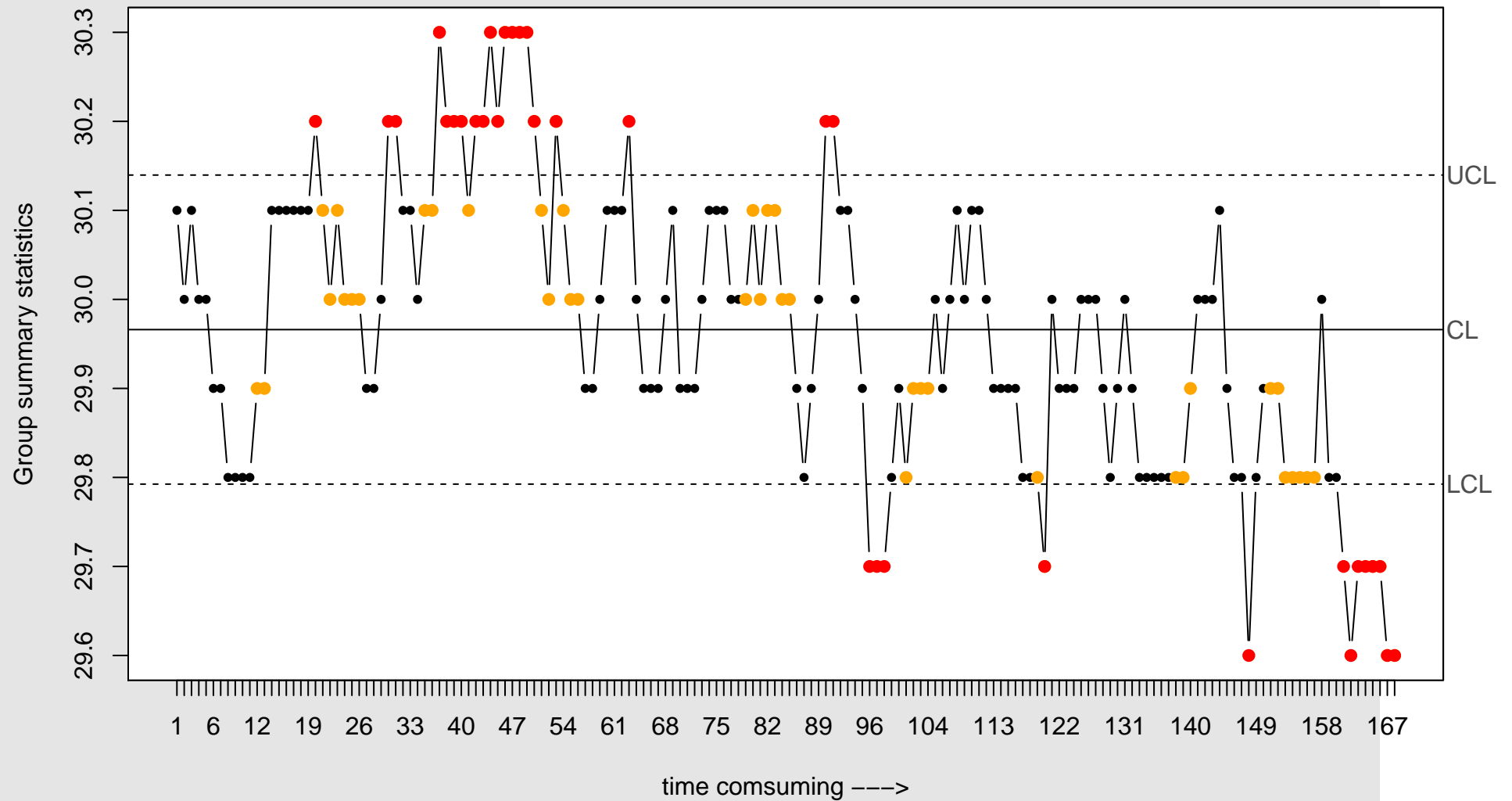
LCL = 29.79581

UCL = 30.16847

Number beyond limits = 51

Number violating runs = 59

293th column point of this product



Number of groups = 168

Center = 29.96607

StdDev = 0.057863

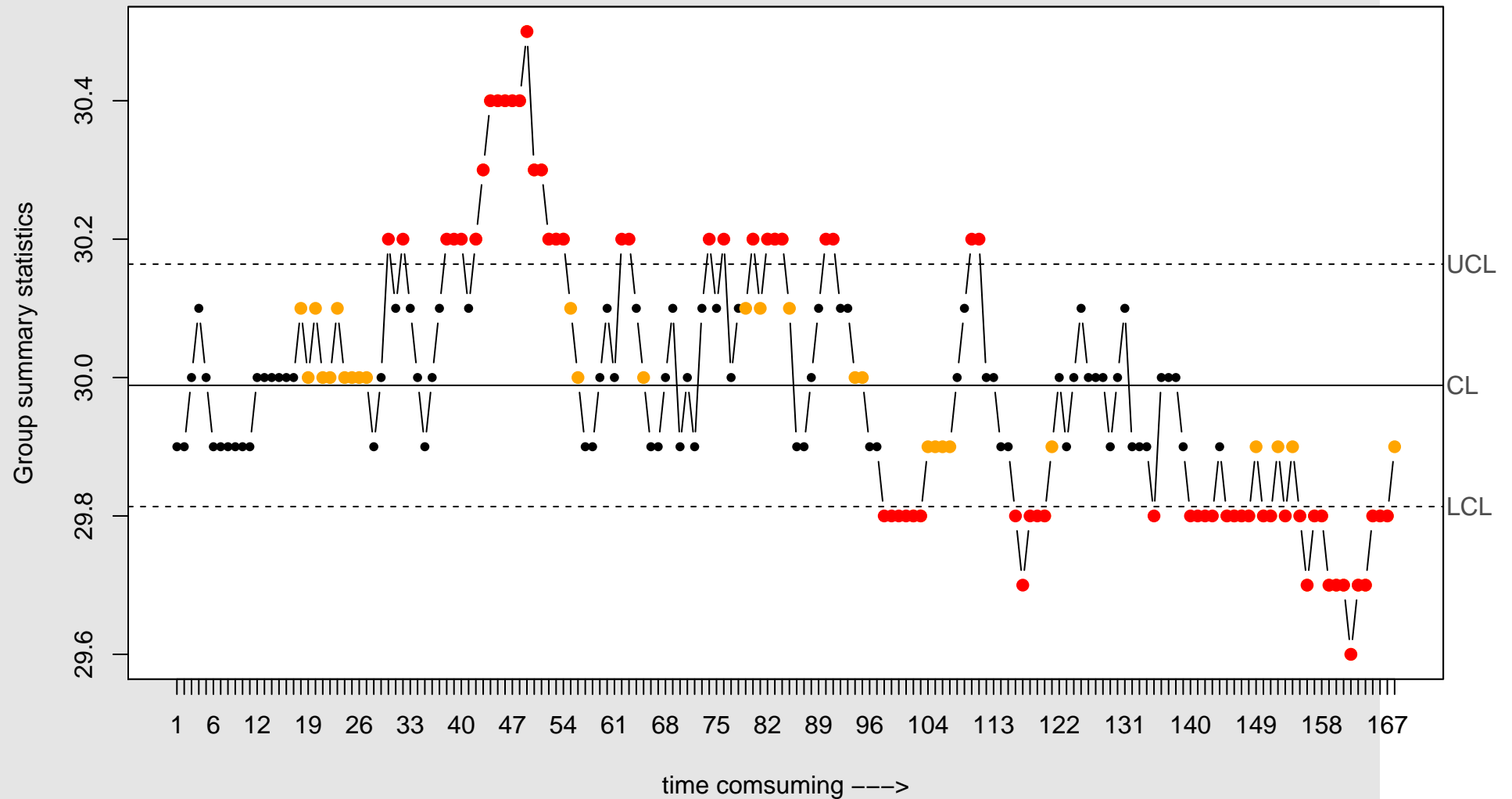
LCL = 29.79248

UCL = 30.13966

Number beyond limits = 33

Number violating runs = 58

294th column point of this product

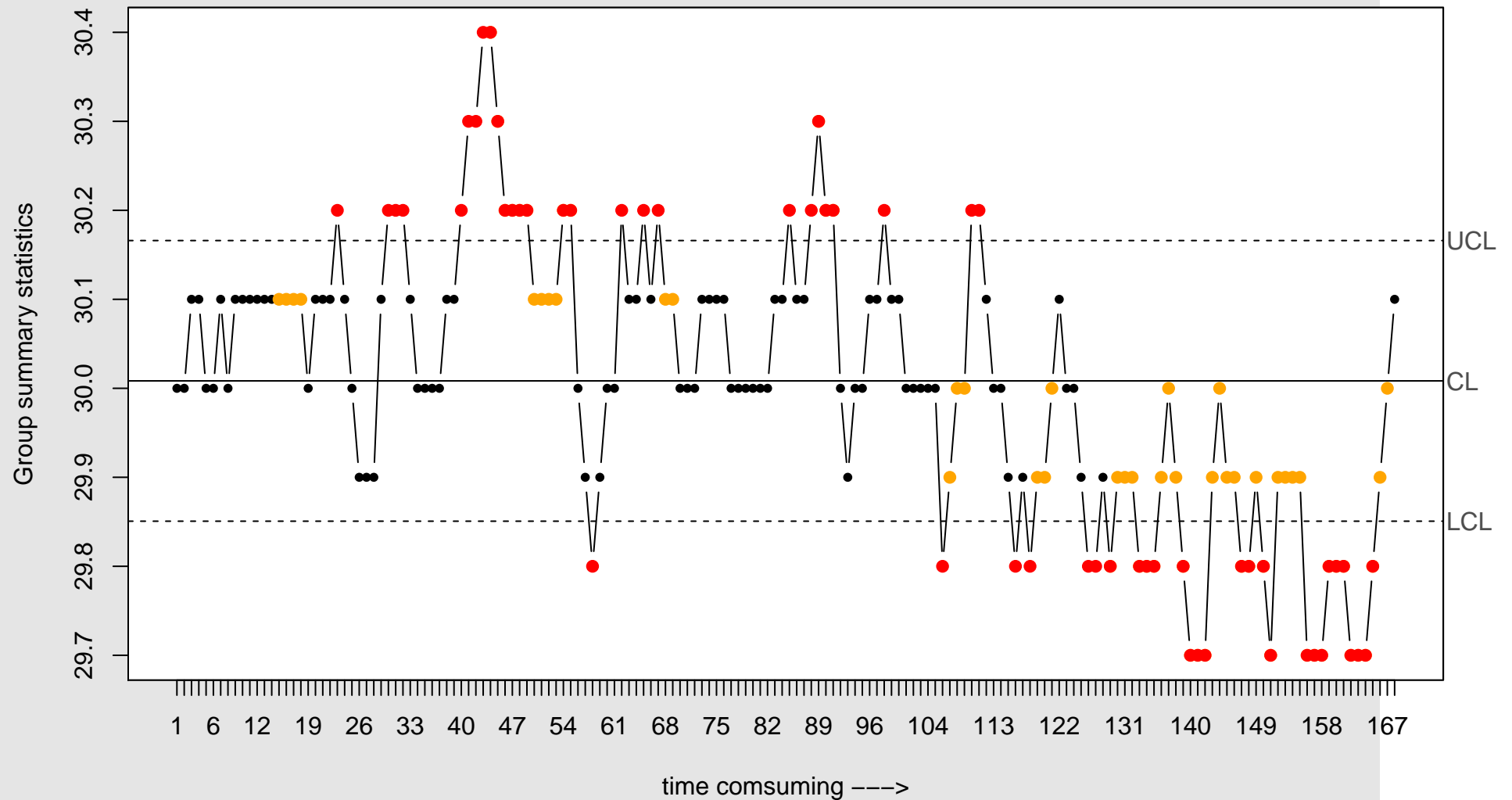


Number of groups = 168
 Center = 29.98869
 StdDev = 0.05839385

LCL = 29.81351
 UCL = 30.16387

Number beyond limits = 66
 Number violating runs = 67

295th column point of this product

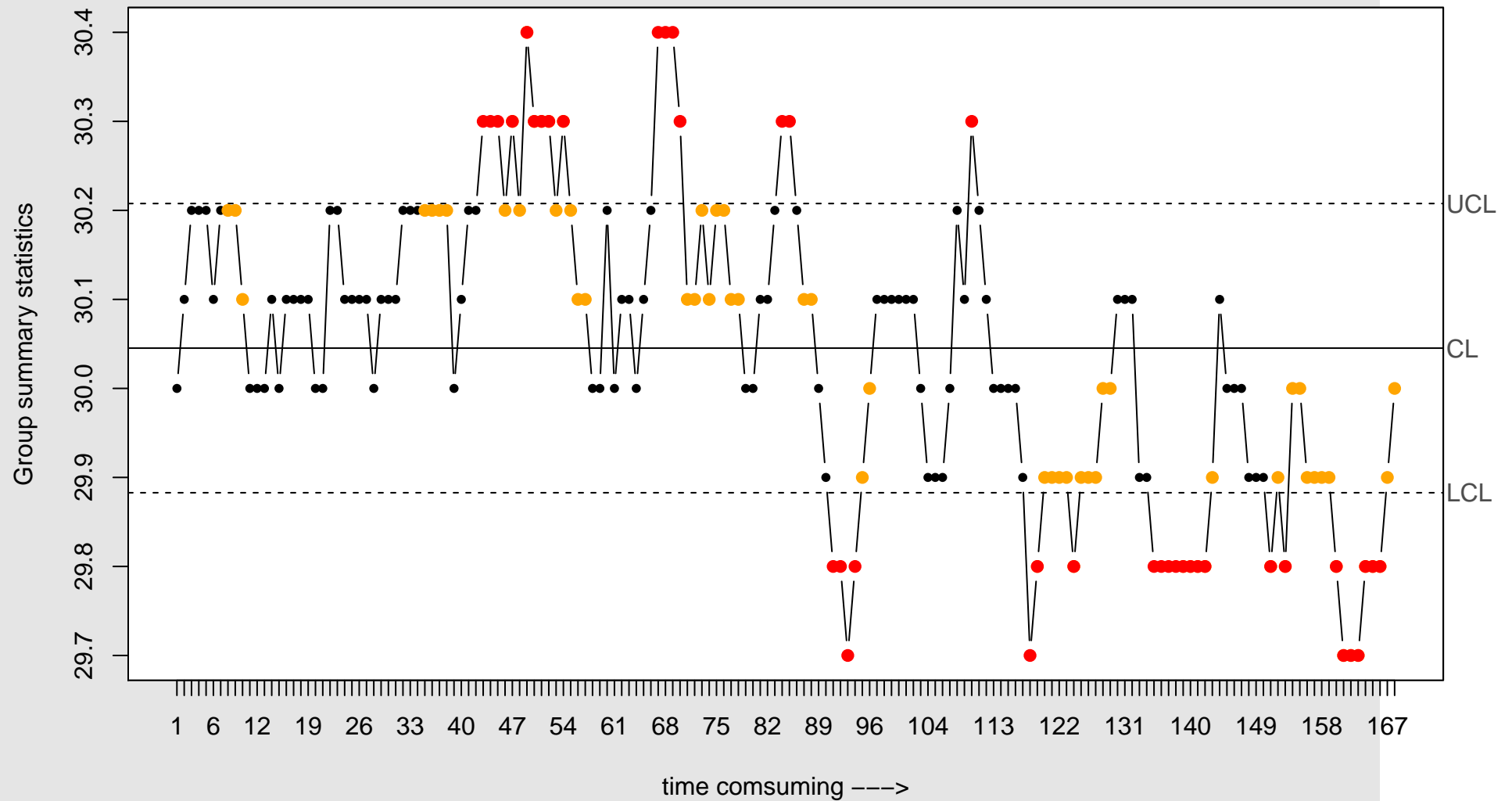


Number of groups = 168
 Center = 30.00833
 StdDev = 0.05255447

LCL = 29.85067
 UCL = 30.166

Number beyond limits = 55
 Number violating runs = 66

296th column point of this product

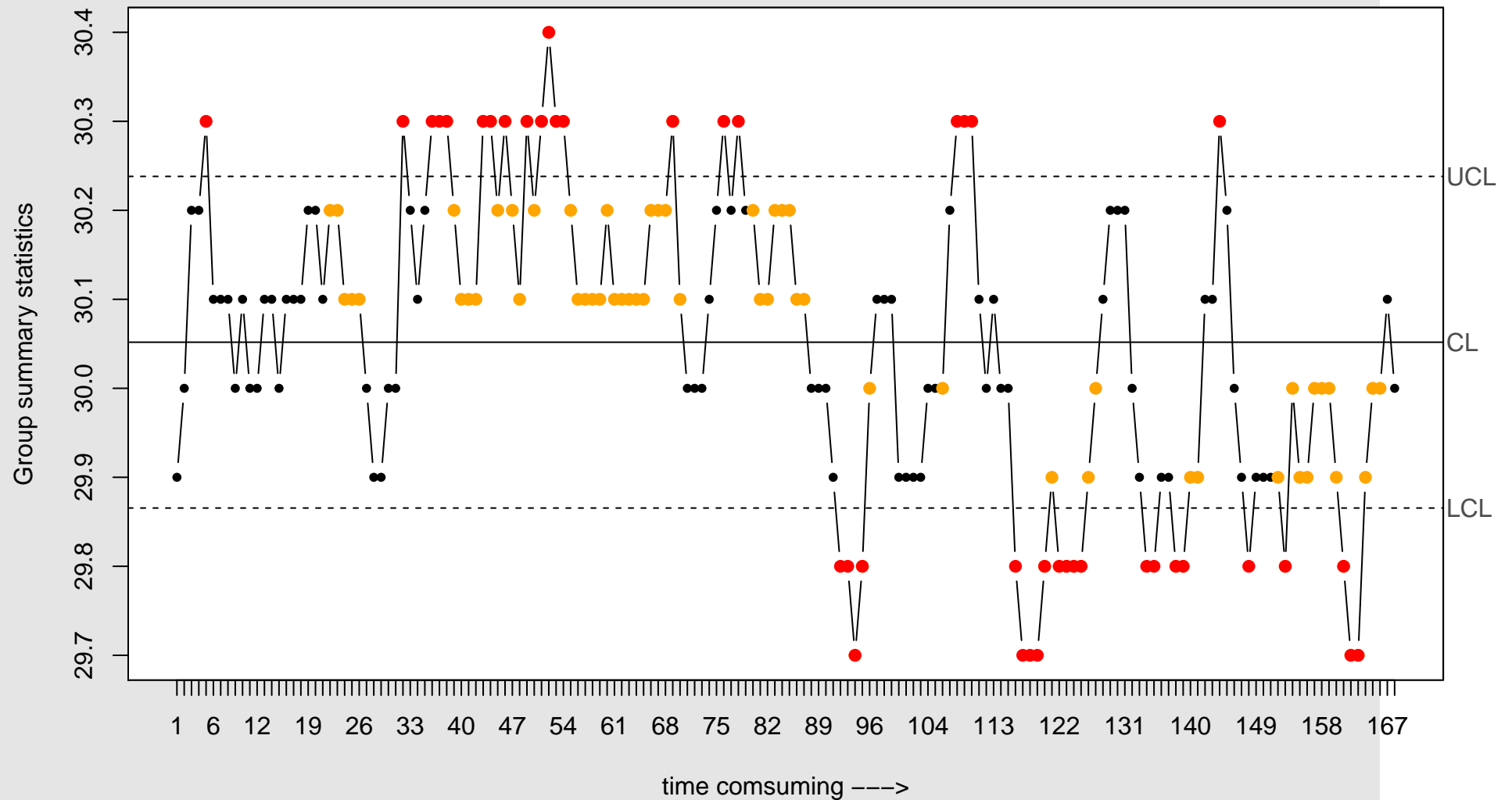


Number of groups = 168
 Center = 30.04524
 StdDev = 0.05414703

LCL = 29.8828
 UCL = 30.20768

Number beyond limits = 40
 Number violating runs = 65

297th column point of this product



Number of groups = 168

Center = 30.05179

StdDev = 0.06210982

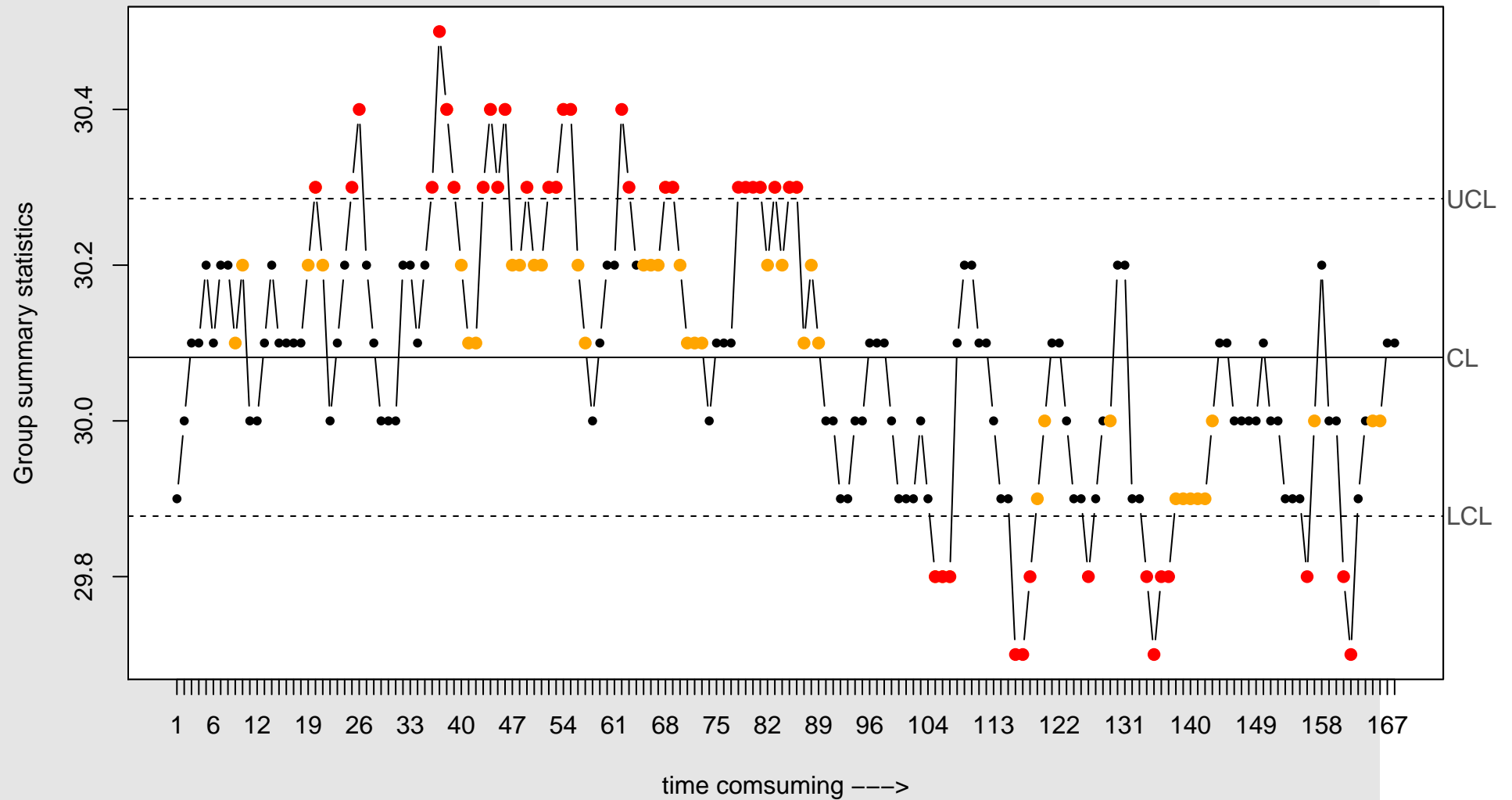
LCL = 29.86546

UCL = 30.23812

Number beyond limits = 42

Number violating runs = 77

298th column point of this product

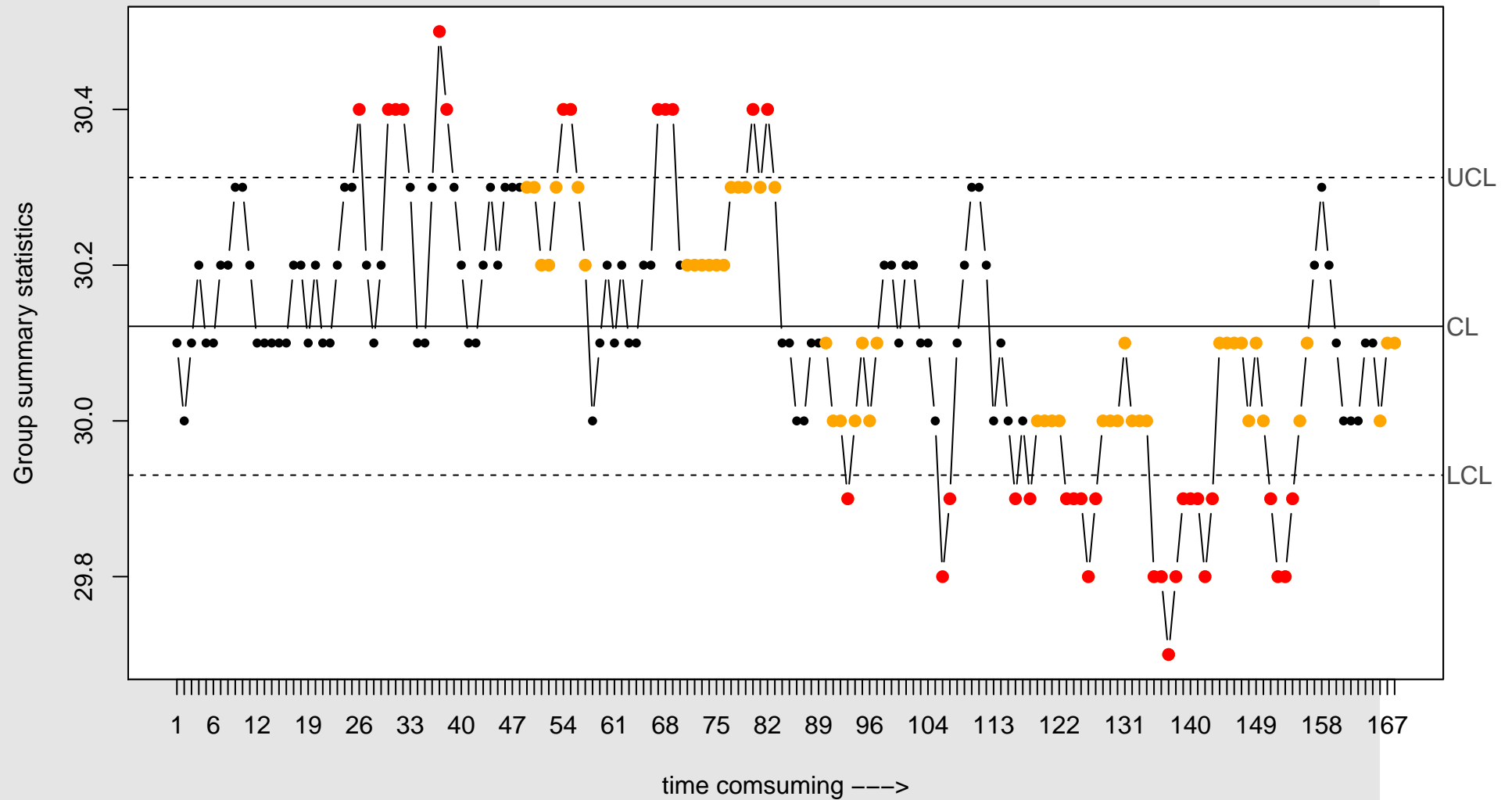


Number of groups = 168
 Center = 30.08155
 StdDev = 0.06794921

LCL = 29.8777
 UCL = 30.2854

Number beyond limits = 41
 Number violating runs = 58

299th column point of this product

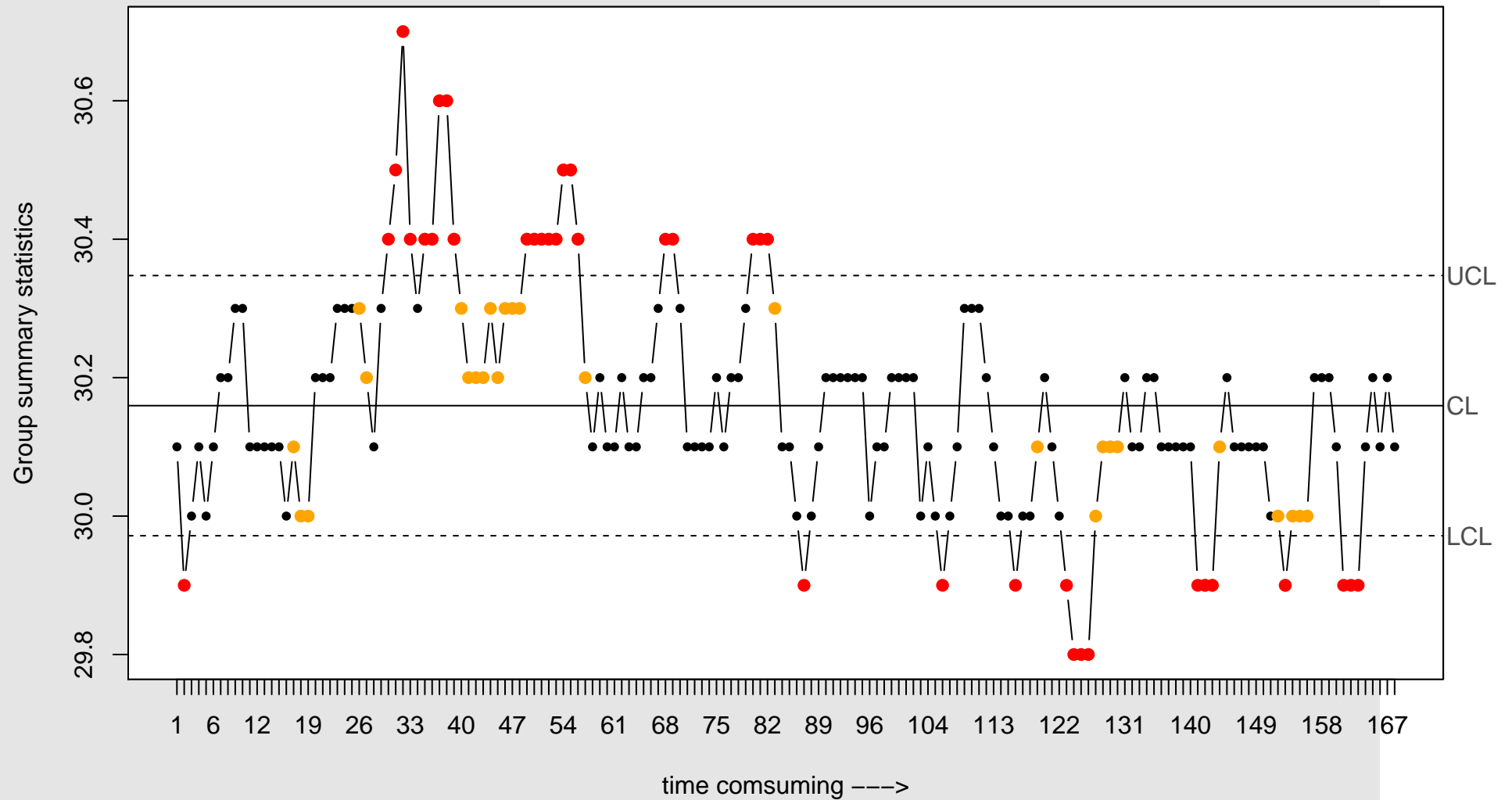


Number of groups = 168
Center = 30.12143
StdDev = 0.06370238

LCL = 29.93032
UCL = 30.31254

Number beyond limits = 36
Number violating runs = 71

300th column point of this product



Number of groups = 168

Center = 30.15952

StdDev = 0.06264068

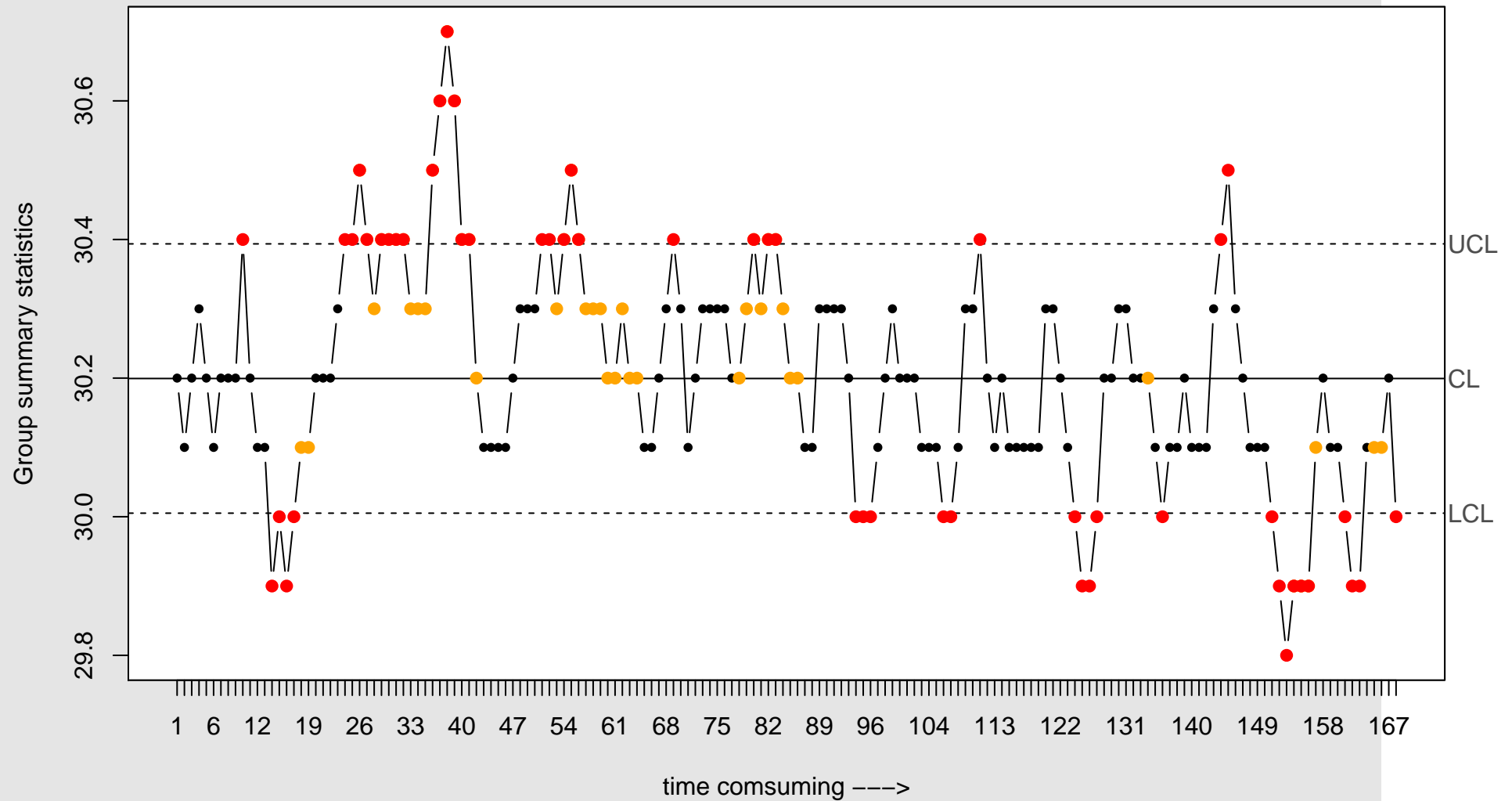
LCL = 29.9716

UCL = 30.34745

Number beyond limits = 37

Number violating runs = 42

301th column point of this product

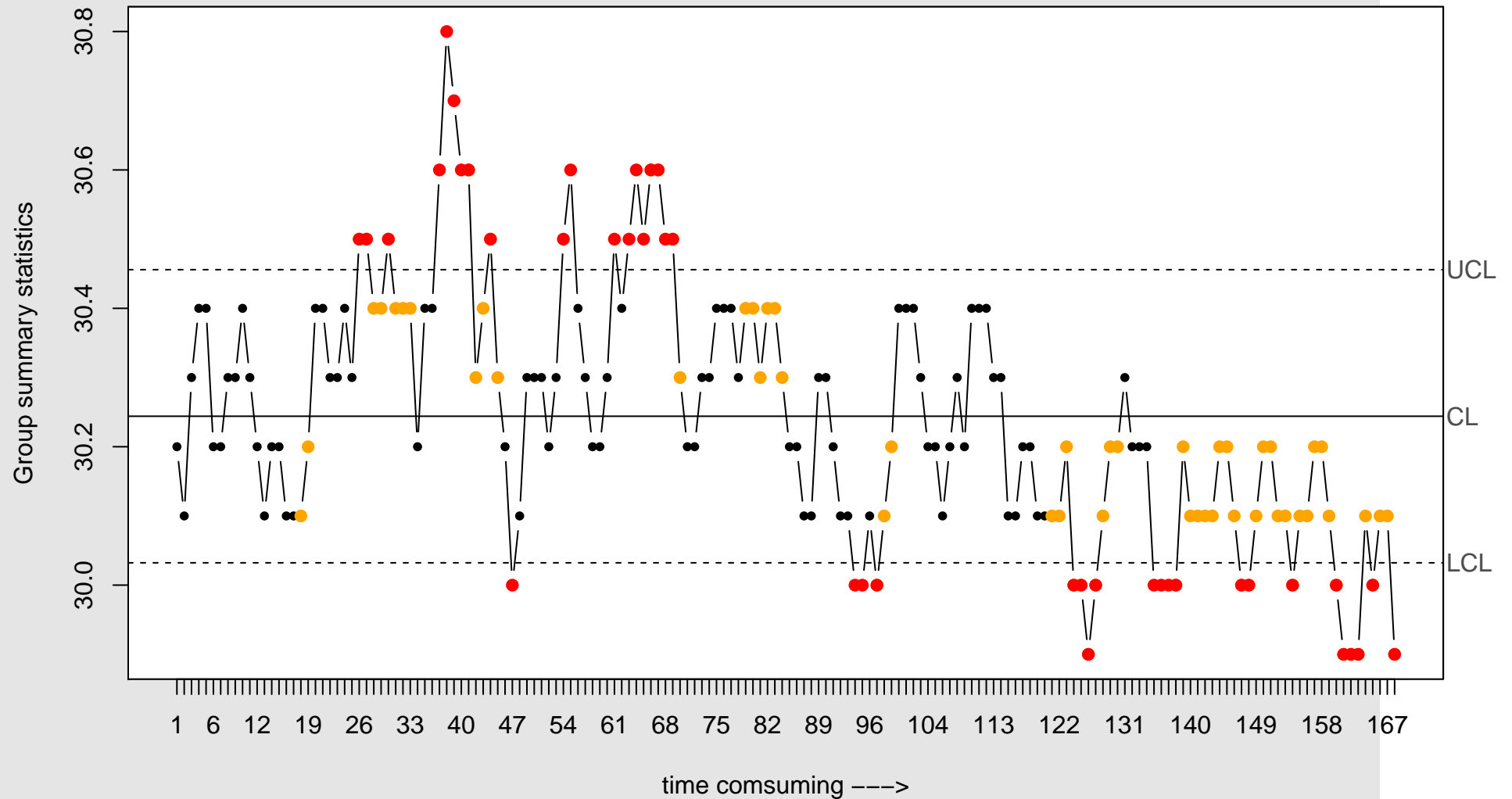


Number of groups = 168
Center = 30.1994
StdDev = 0.06476409

LCL = 30.00511
UCL = 30.3937

Number beyond limits = 51
Number violating runs = 47

302th column point of this product

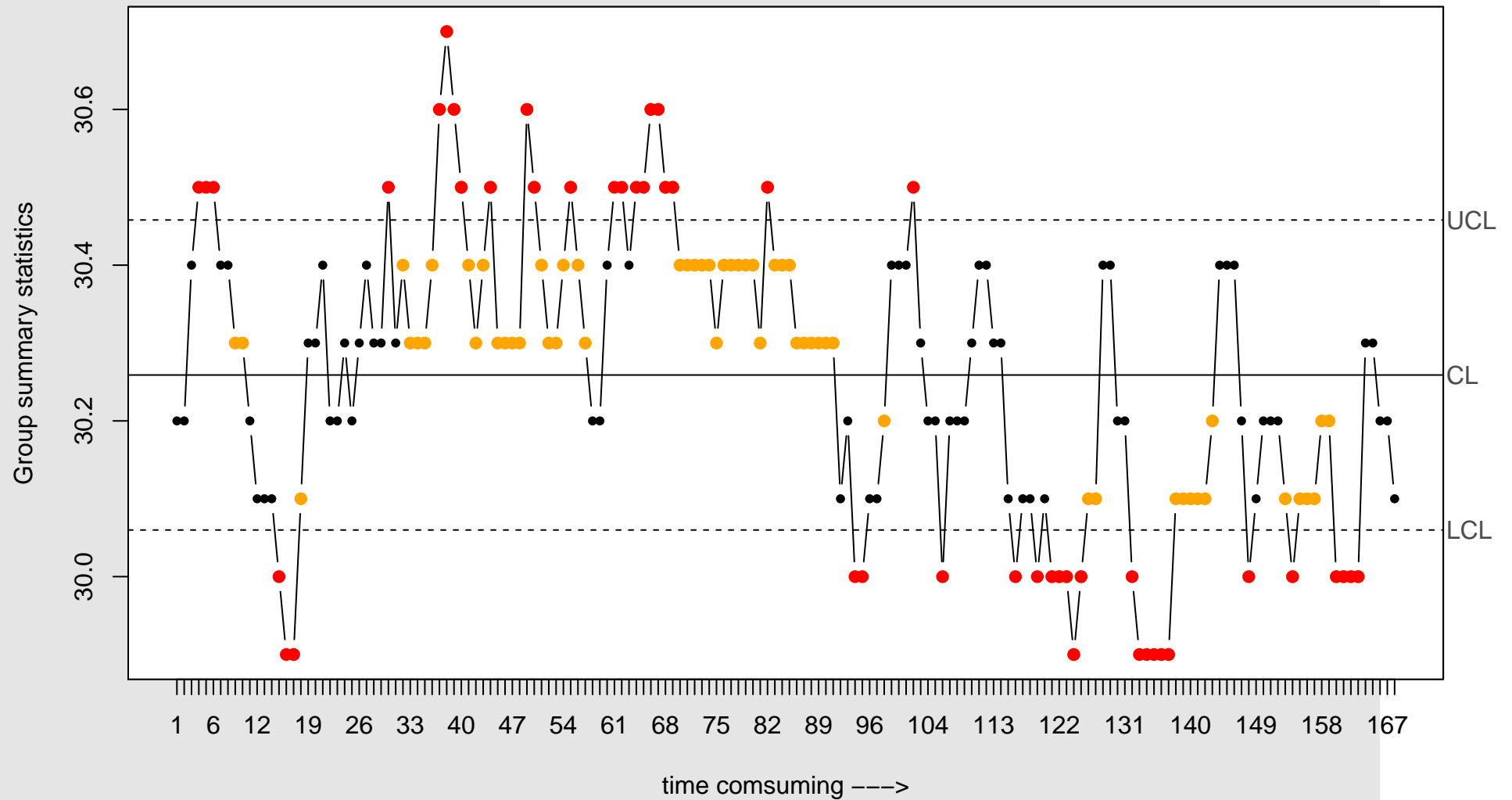


Number of groups = 168
 Center = 30.24405
 StdDev = 0.07060347

LCL = 30.03224
 UCL = 30.45586

Number beyond limits = 40
 Number violating runs = 70

303th column point of this product



Number of groups = 168

Center = 30.25893

StdDev = 0.06635665

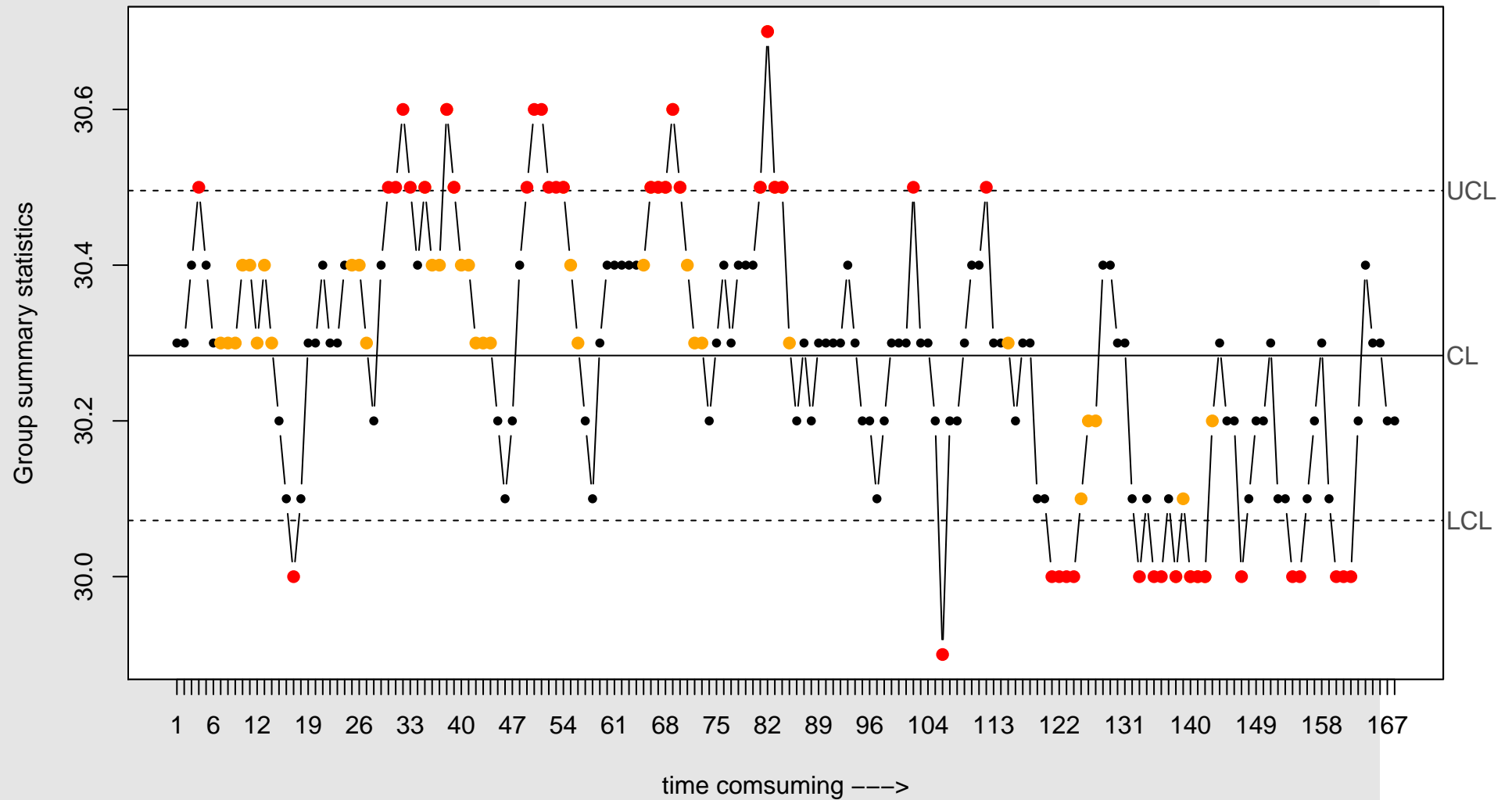
LCL = 30.05986

UCL = 30.458

Number beyond limits = 47

Number violating runs = 83

304th column point of this product



Number of groups = 168

Center = 30.28393

StdDev = 0.07060347

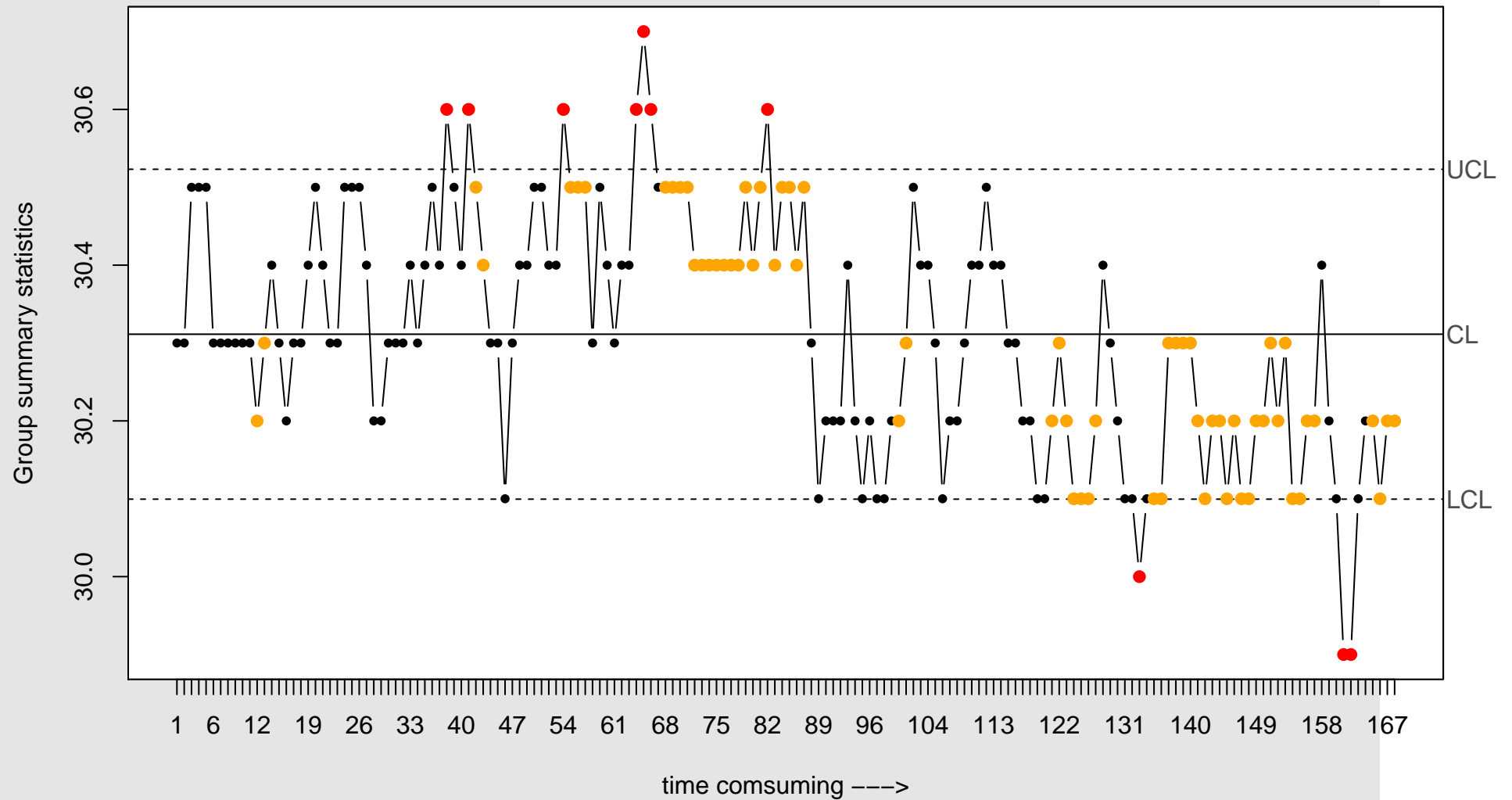
LCL = 30.07212

UCL = 30.49574

Number beyond limits = 44

Number violating runs = 48

305th column point of this product

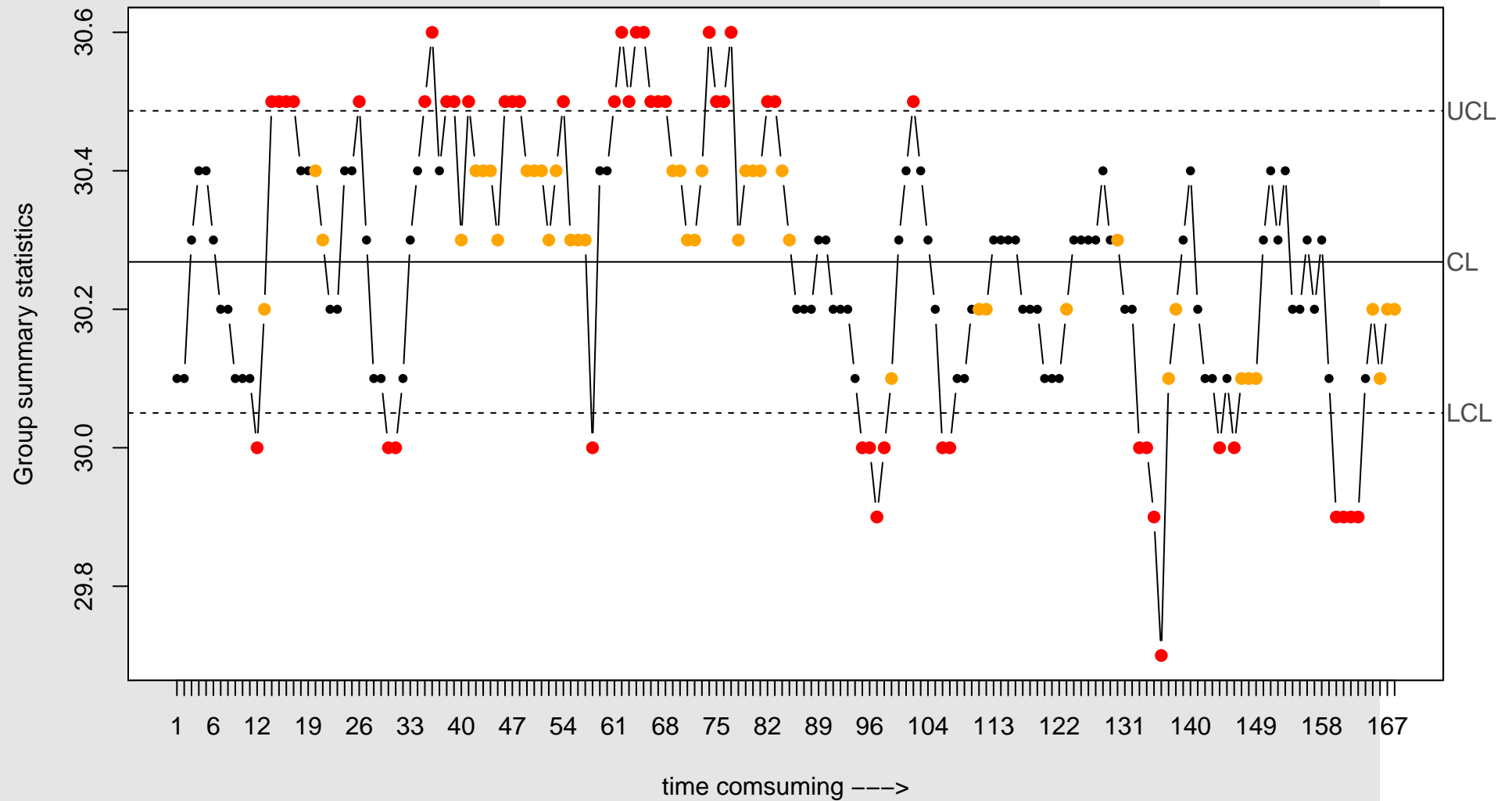


Number of groups = 168
 Center = 30.31131
 StdDev = 0.07060347

LCL = 30.0995
 UCL = 30.52312

Number beyond limits = 10
 Number violating runs = 65

306th column point of this product

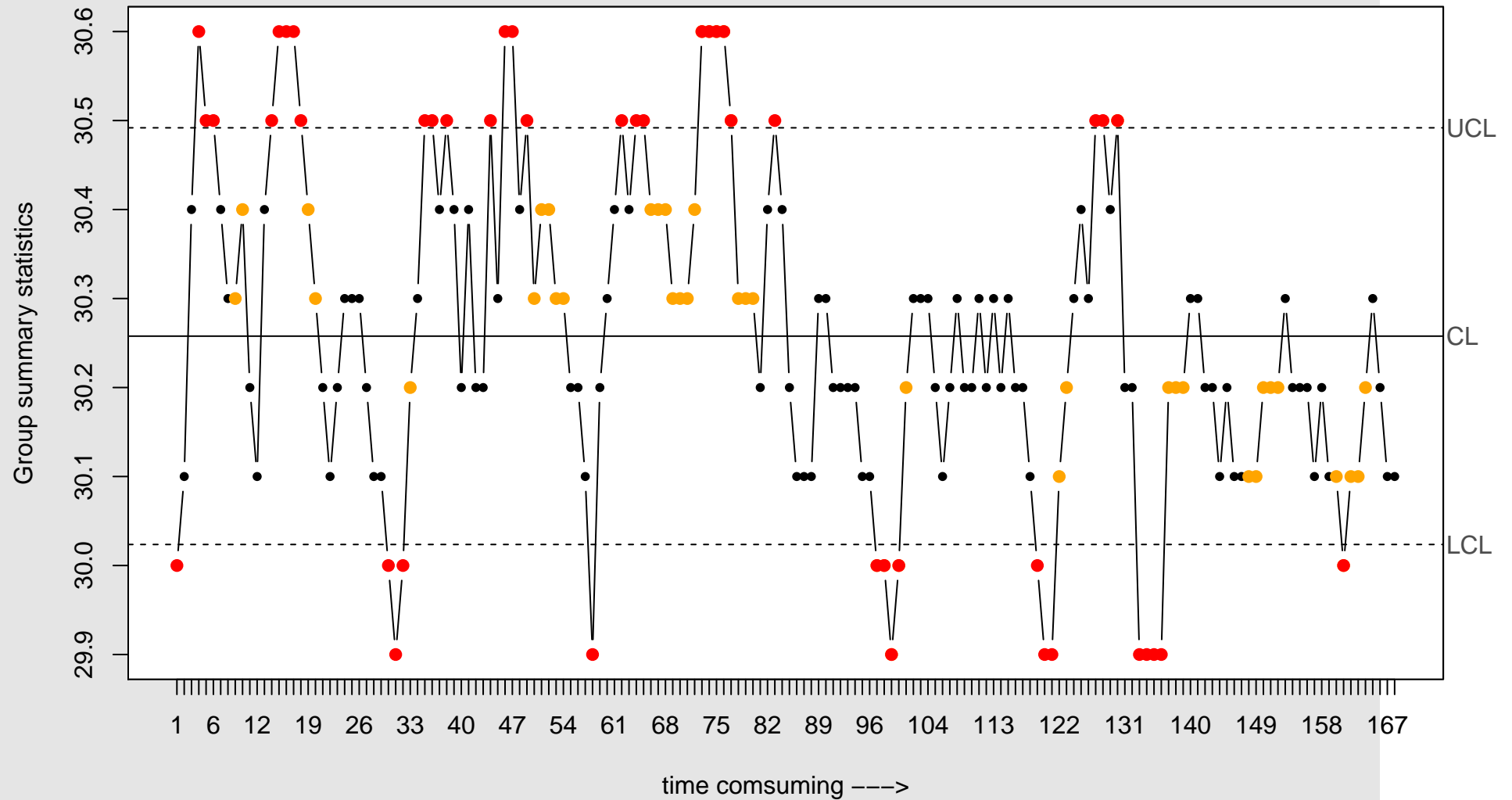


Number of groups = 168
 Center = 30.26845
 StdDev = 0.07272689

LCL = 30.05027
 UCL = 30.48663

Number beyond limits = 49
 Number violating runs = 59

307th column point of this product



Number of groups = 168

Center = 30.25774

StdDev = 0.07803542

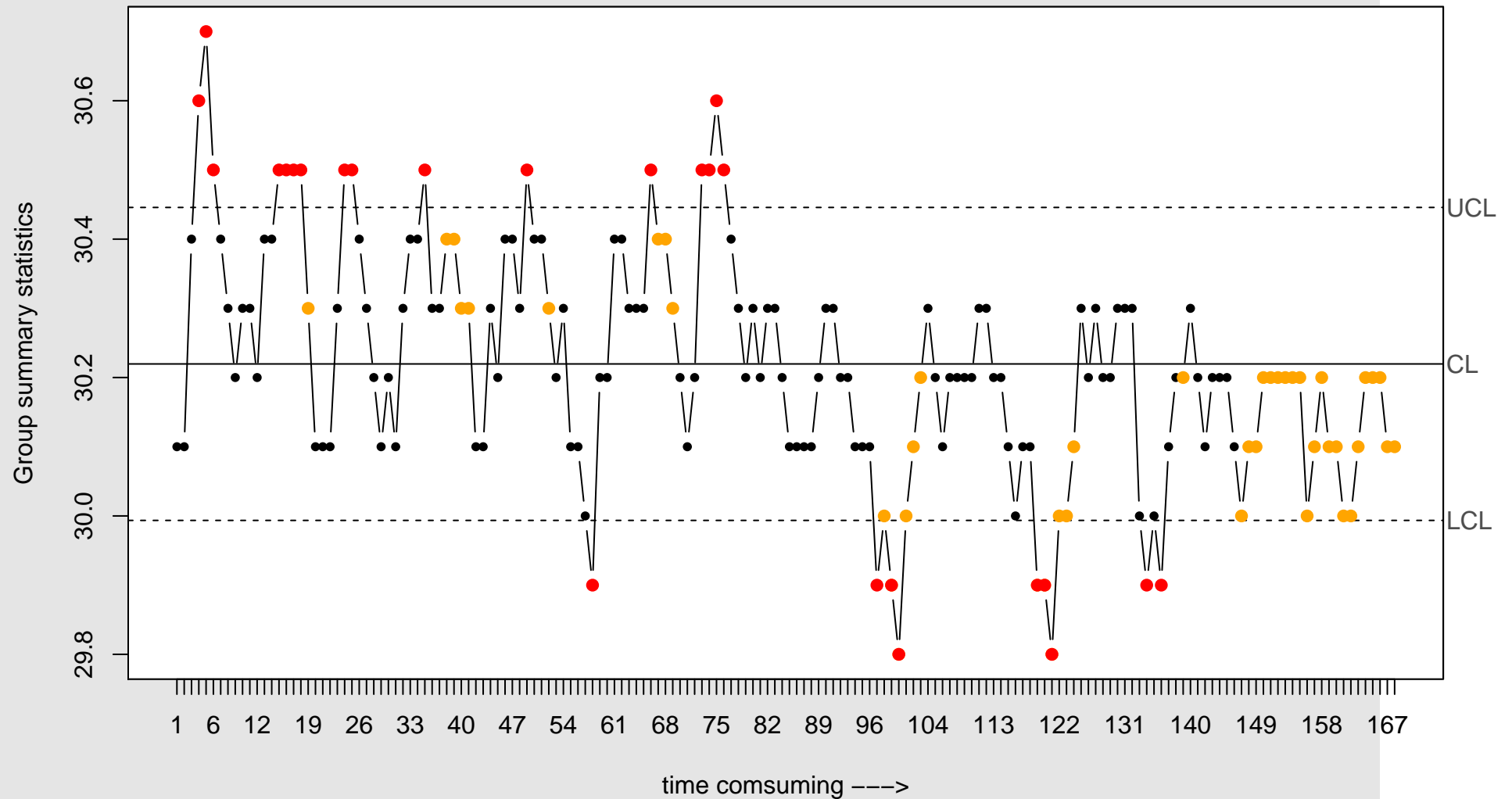
LCL = 30.02363

UCL = 30.49184

Number beyond limits = 44

Number violating runs = 46

308th column point of this product

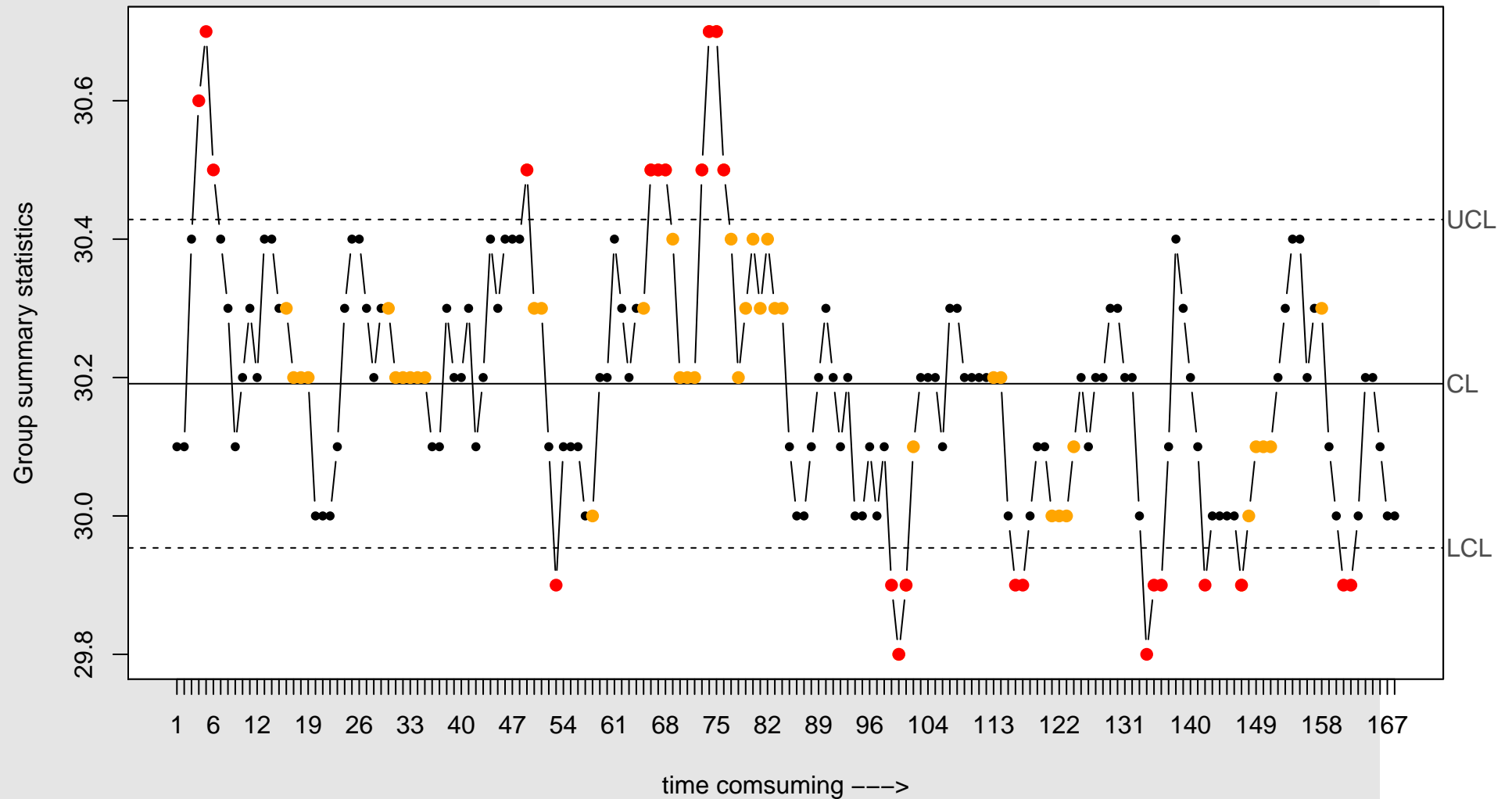


Number of groups = 168
 Center = 30.21964
 StdDev = 0.07538115

LCL = 29.9935
 UCL = 30.44579

Number beyond limits = 25
 Number violating runs = 44

309th column point of this product

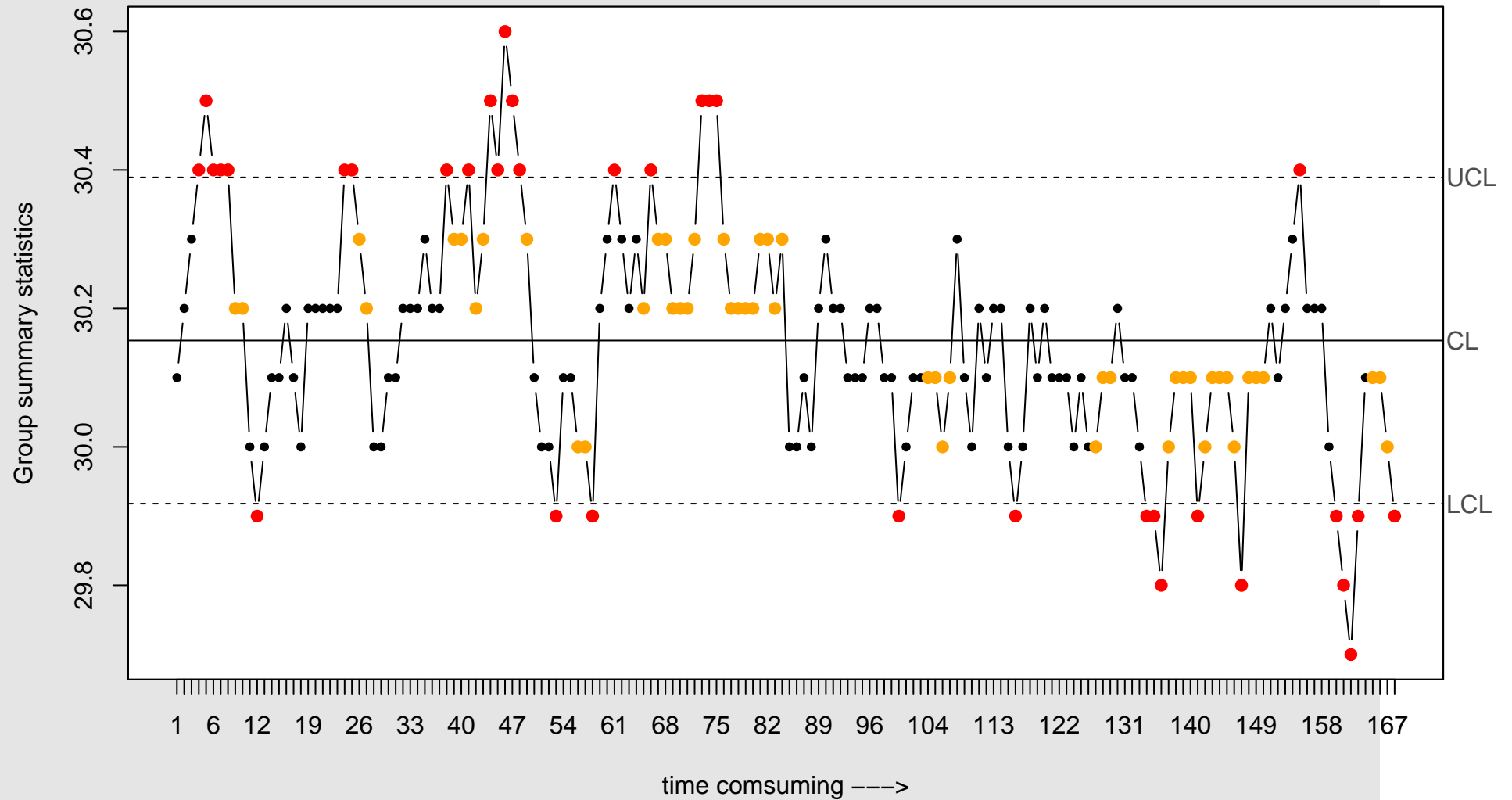


Number of groups = 168
Center = 30.19107
StdDev = 0.07909712

LCL = 29.95378
UCL = 30.42836

Number beyond limits = 24
Number violating runs = 49

310th column point of this product

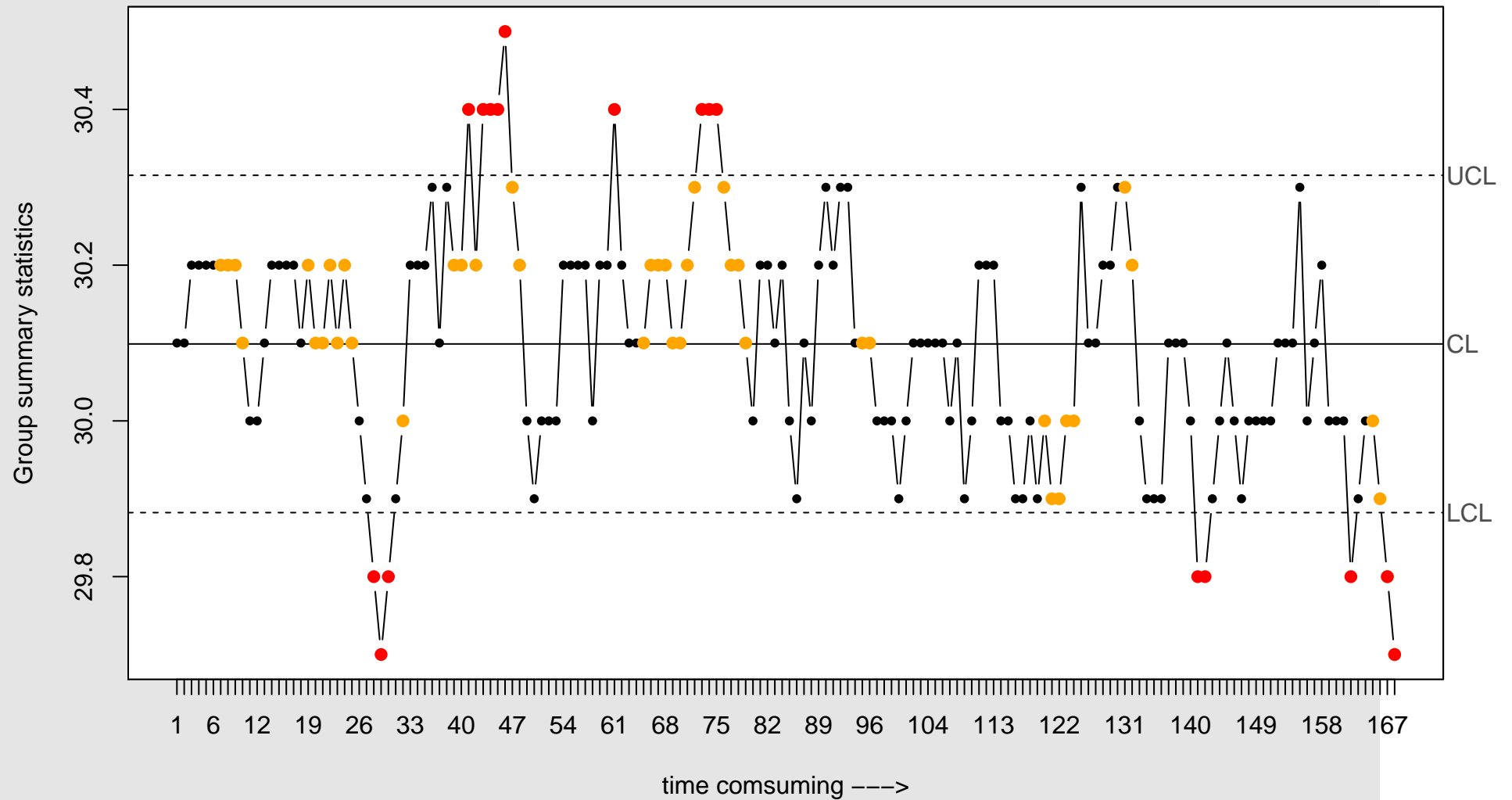


Number of groups = 168
 Center = 30.15357
 StdDev = 0.07856627

LCL = 29.91787
 UCL = 30.38927

Number beyond limits = 35
 Number violating runs = 66

311th column point of this product



Number of groups = 168

Center = 30.09881

StdDev = 0.07219603

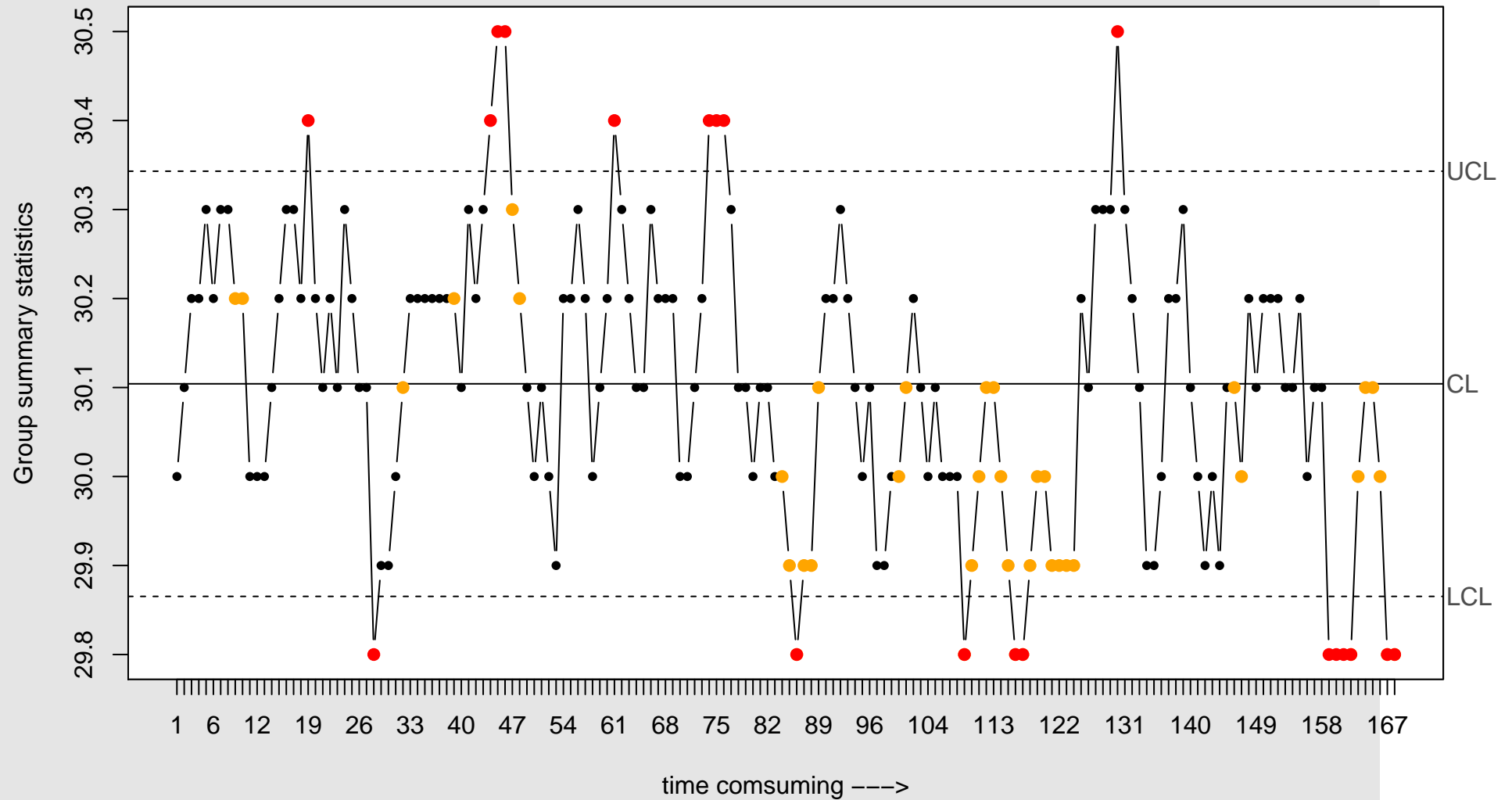
LCL = 29.88222

UCL = 30.3154

Number beyond limits = 17

Number violating runs = 50

312th column point of this product

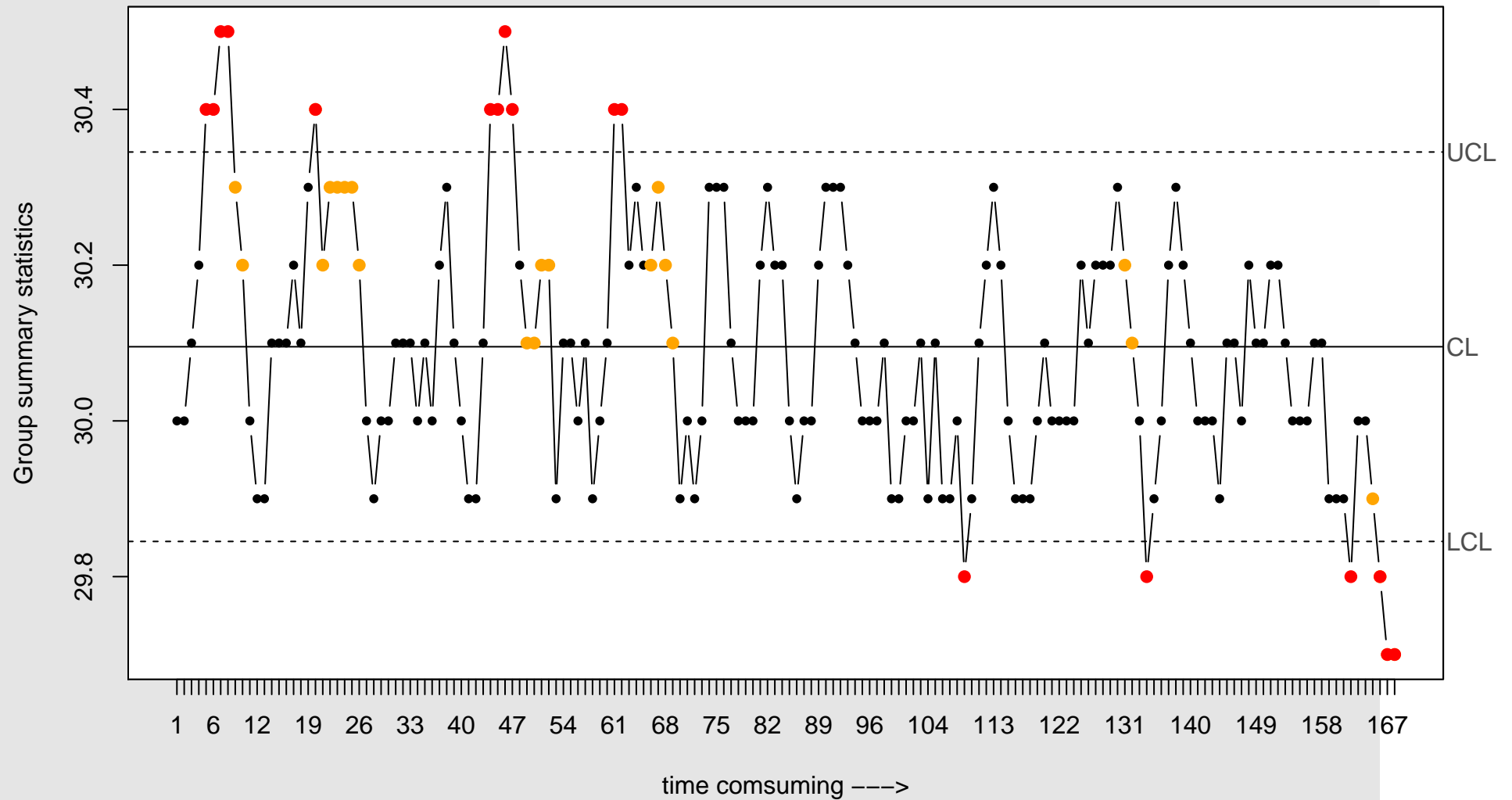


Number of groups = 168
Center = 30.10417
StdDev = 0.07962798

LCL = 29.86528
UCL = 30.34305

Number beyond limits = 20
Number violating runs = 39

313th column point of this product

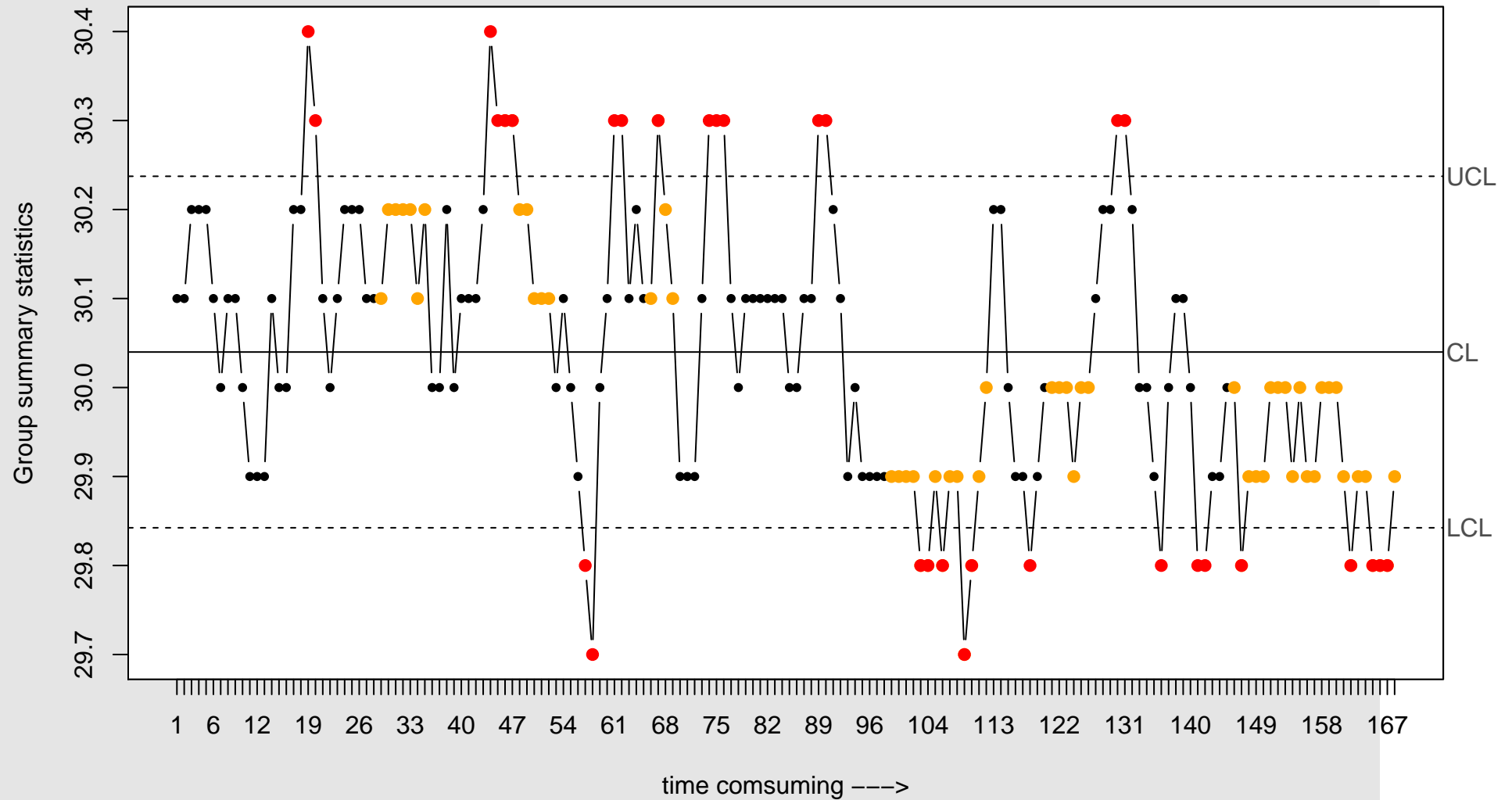


Number of groups = 168
 Center = 30.09524
 StdDev = 0.08334395

LCL = 29.84521
 UCL = 30.34527

Number beyond limits = 17
 Number violating runs = 23

314th column point of this product

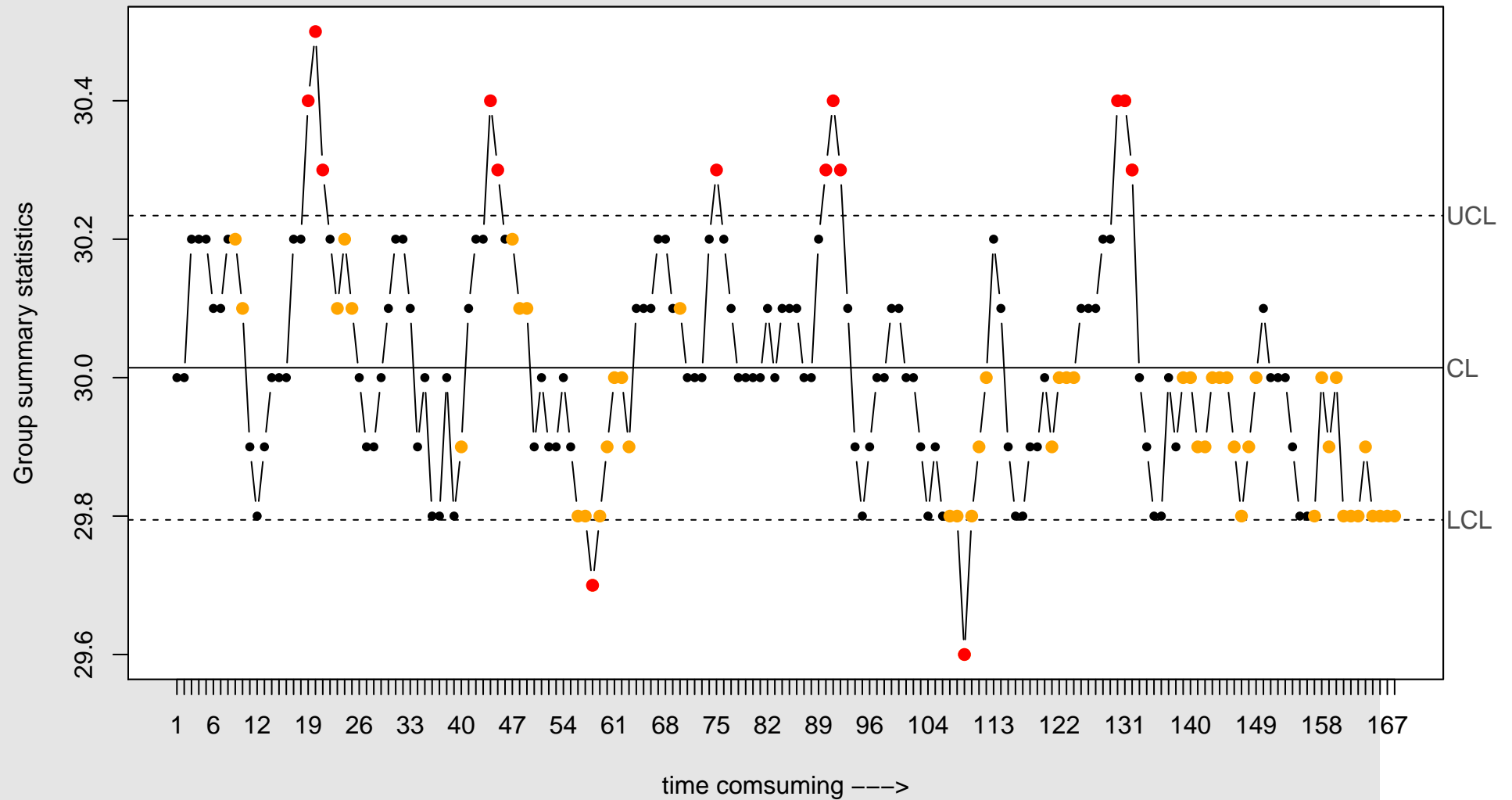


Number of groups = 168
 Center = 30.03988
 StdDev = 0.0658258

LCL = 29.8424
 UCL = 30.23736

Number beyond limits = 32
 Number violating runs = 61

315th column point of this product



Number of groups = 168

Center = 30.01429

StdDev = 0.07325774

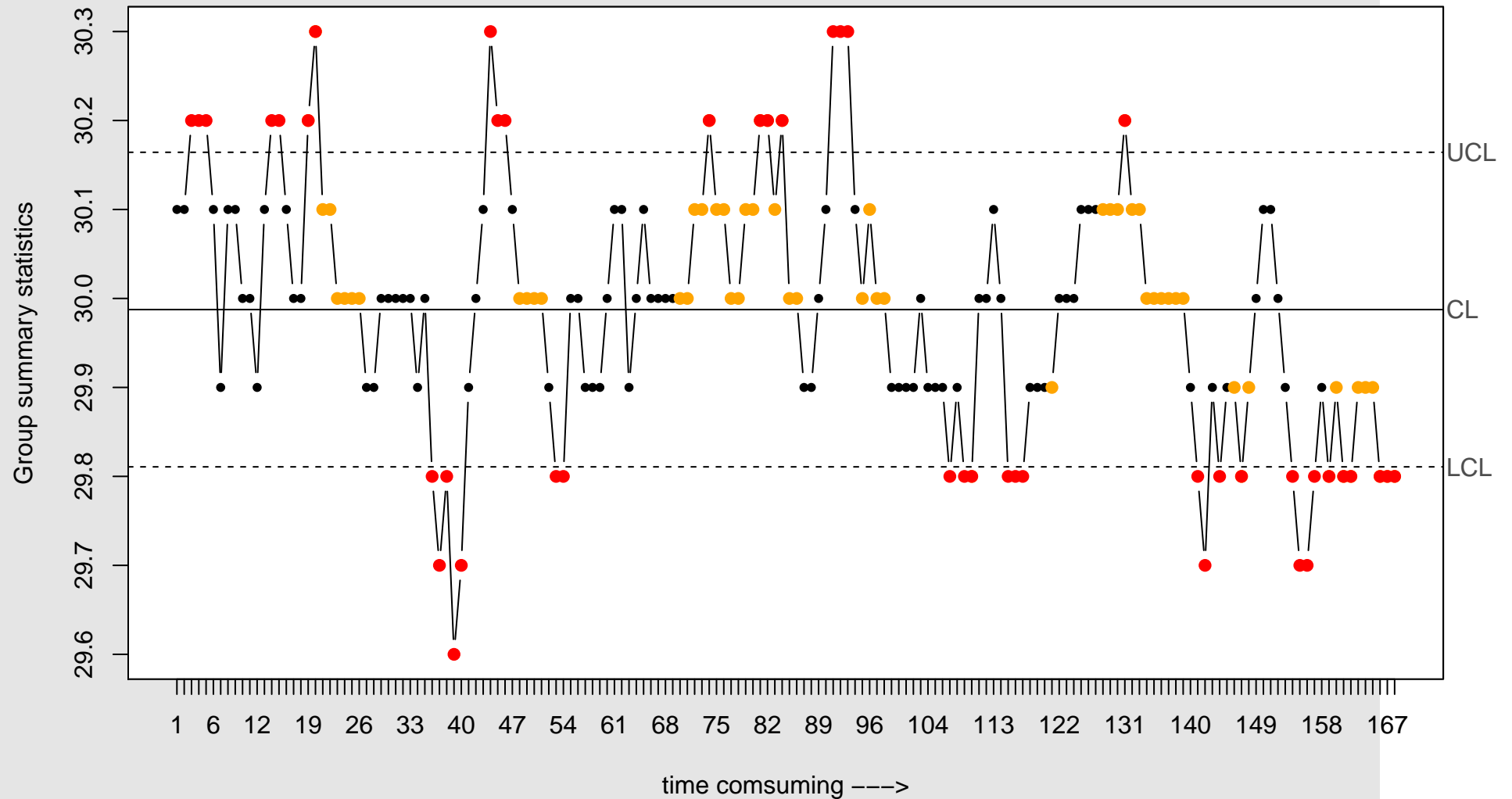
LCL = 29.79451

UCL = 30.23406

Number beyond limits = 14

Number violating runs = 53

316th column point of this product

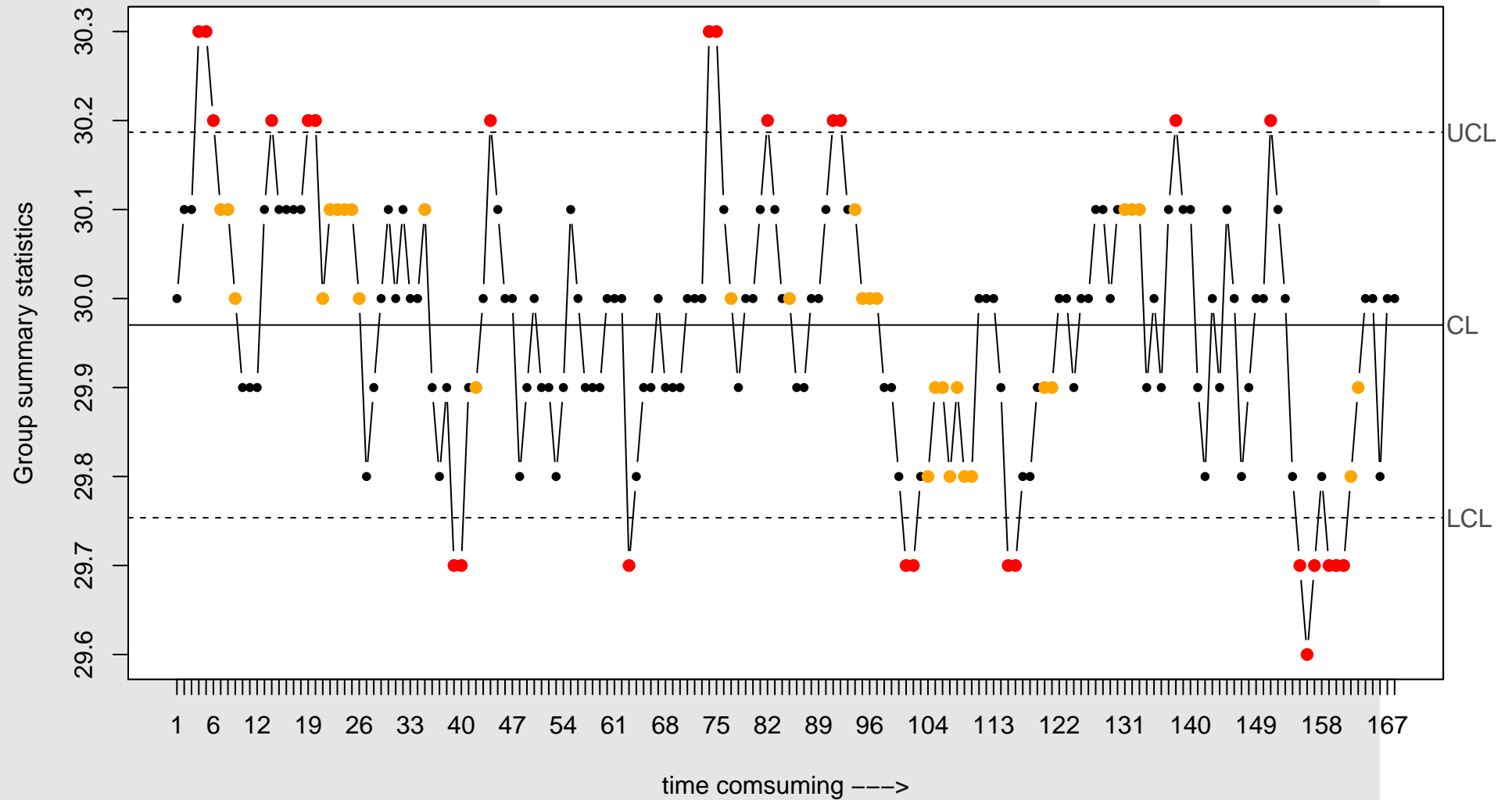


Number of groups = 168
 Center = 29.9875
 StdDev = 0.0589247

LCL = 29.81073
 UCL = 30.16427

Number beyond limits = 45
 Number violating runs = 60

317th column point of this product



Number of groups = 168

Center = 29.97024

StdDev = 0.07219603

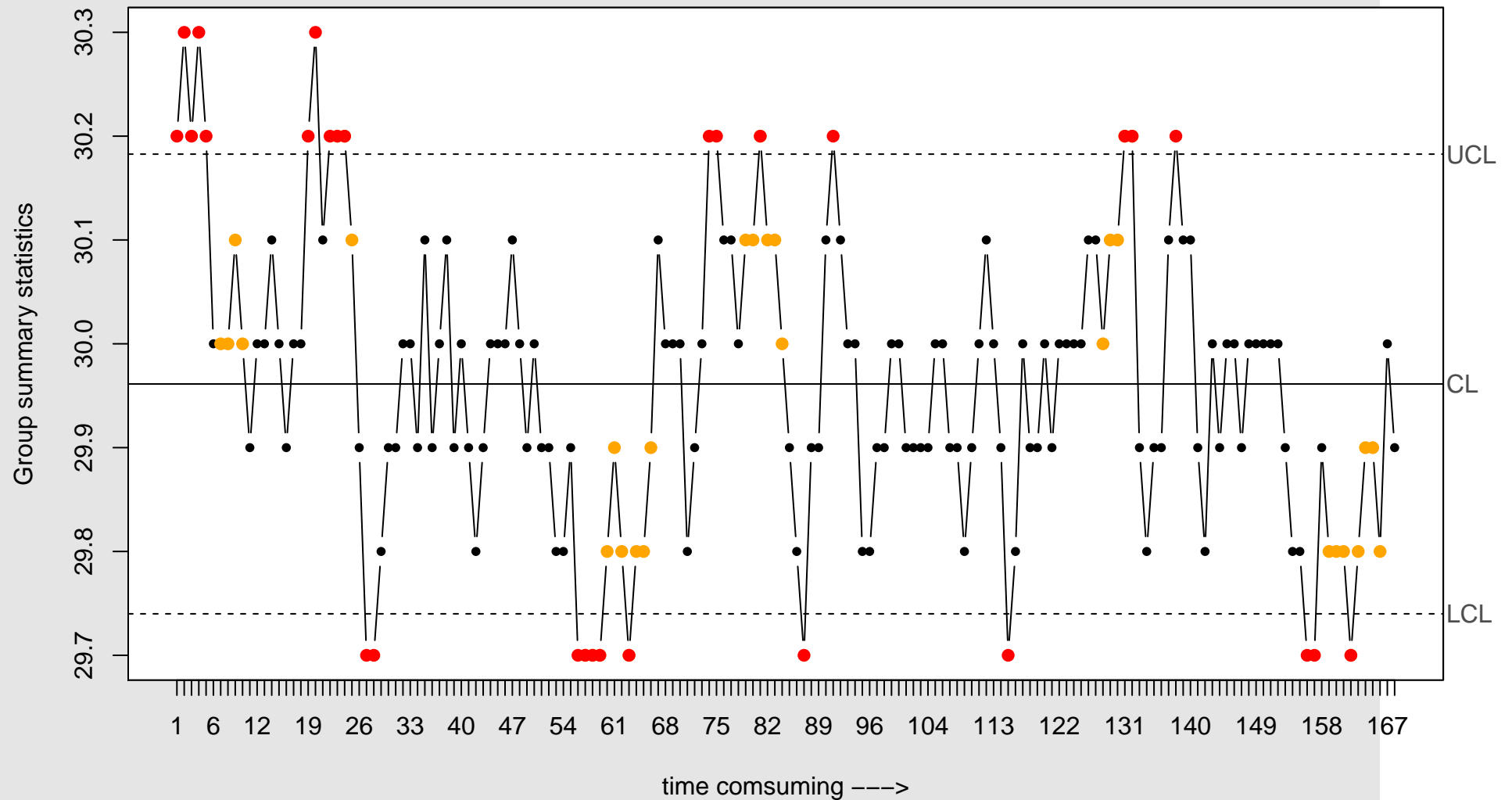
LCL = 29.75365

UCL = 30.18683

Number beyond limits = 27

Number violating runs = 35

318th column point of this product



Number of groups = 168

Center = 29.96131

StdDev = 0.07378859

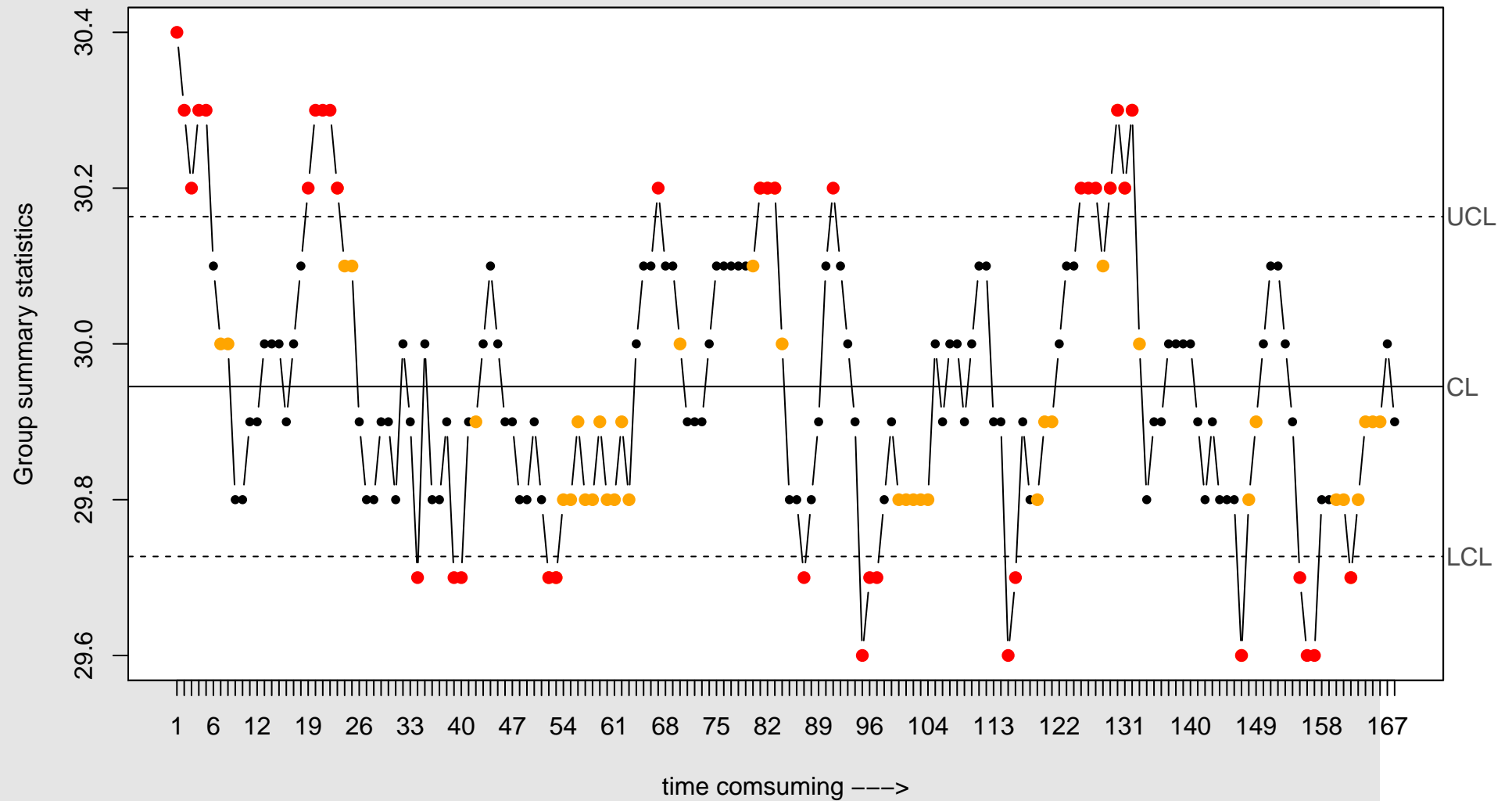
LCL = 29.73994

UCL = 30.18268

Number beyond limits = 29

Number violating runs = 36

319th column point of this product

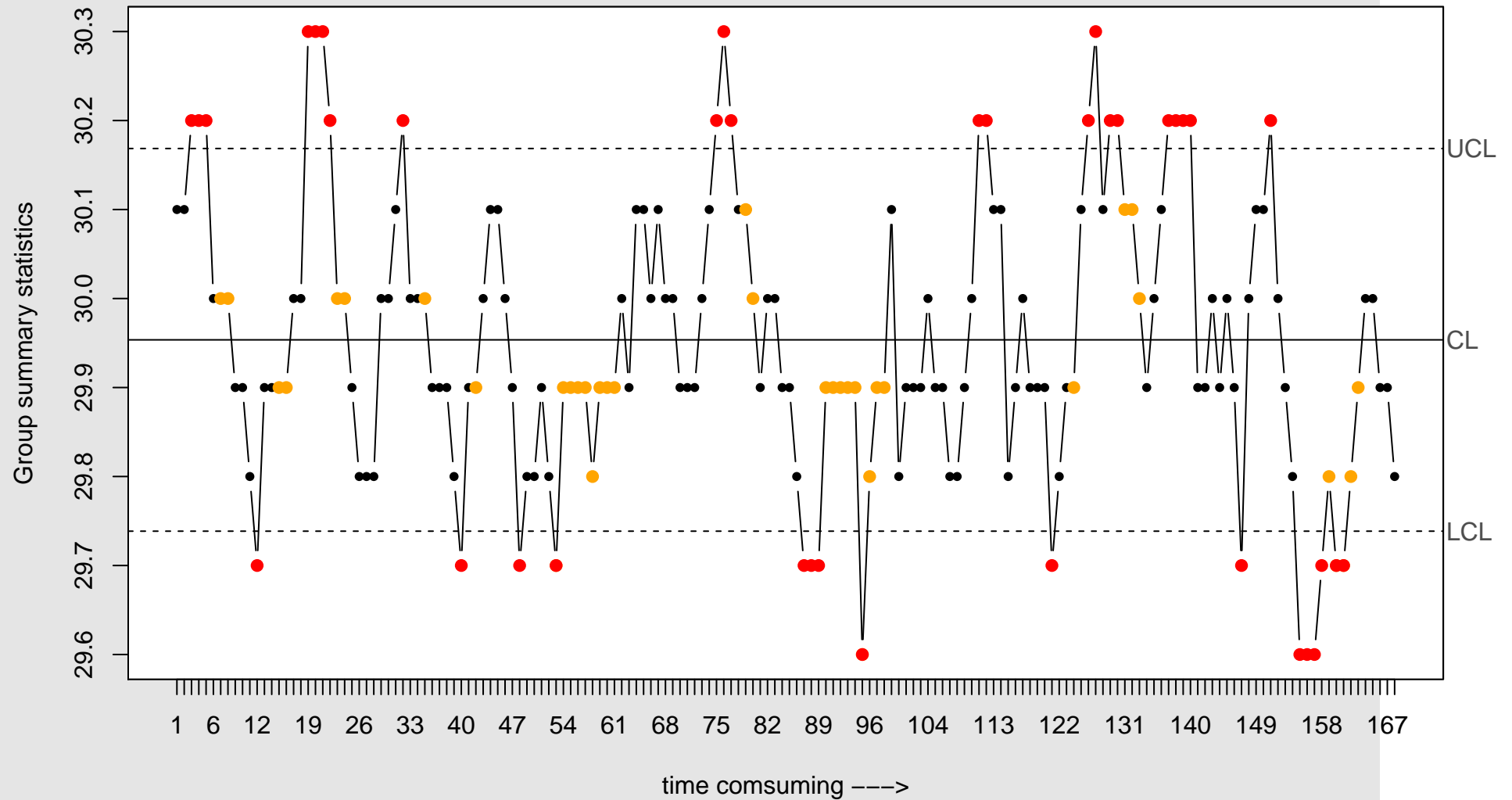


Number of groups = 168
Center = 29.94524
StdDev = 0.07272689

LCL = 29.72706
UCL = 30.16342

Number beyond limits = 38
Number violating runs = 48

320th column point of this product

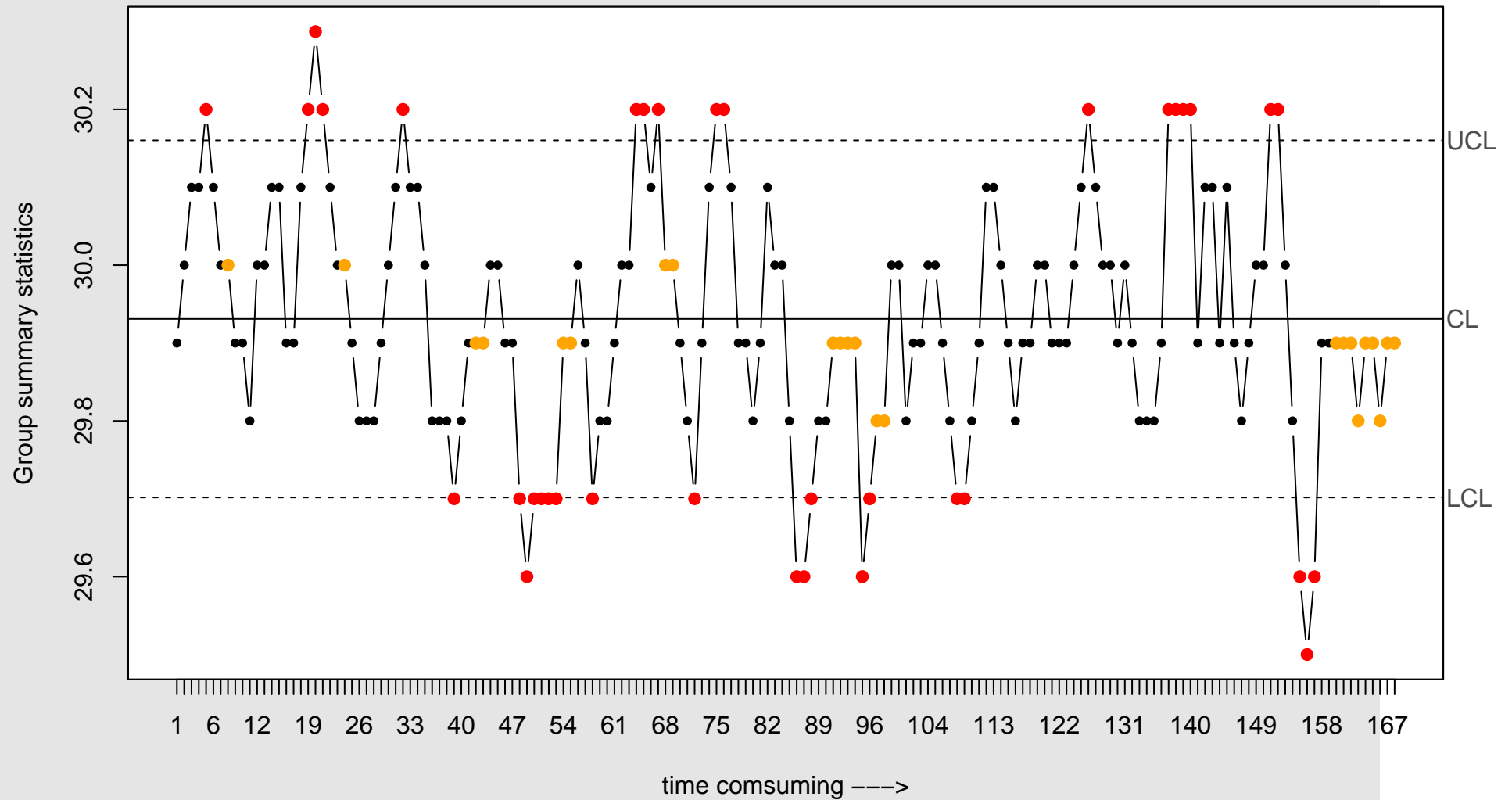


Number of groups = 168
 Center = 29.95357
 StdDev = 0.07166518

LCL = 29.73858
 UCL = 30.16857

Number beyond limits = 38
 Number violating runs = 37

321th column point of this product

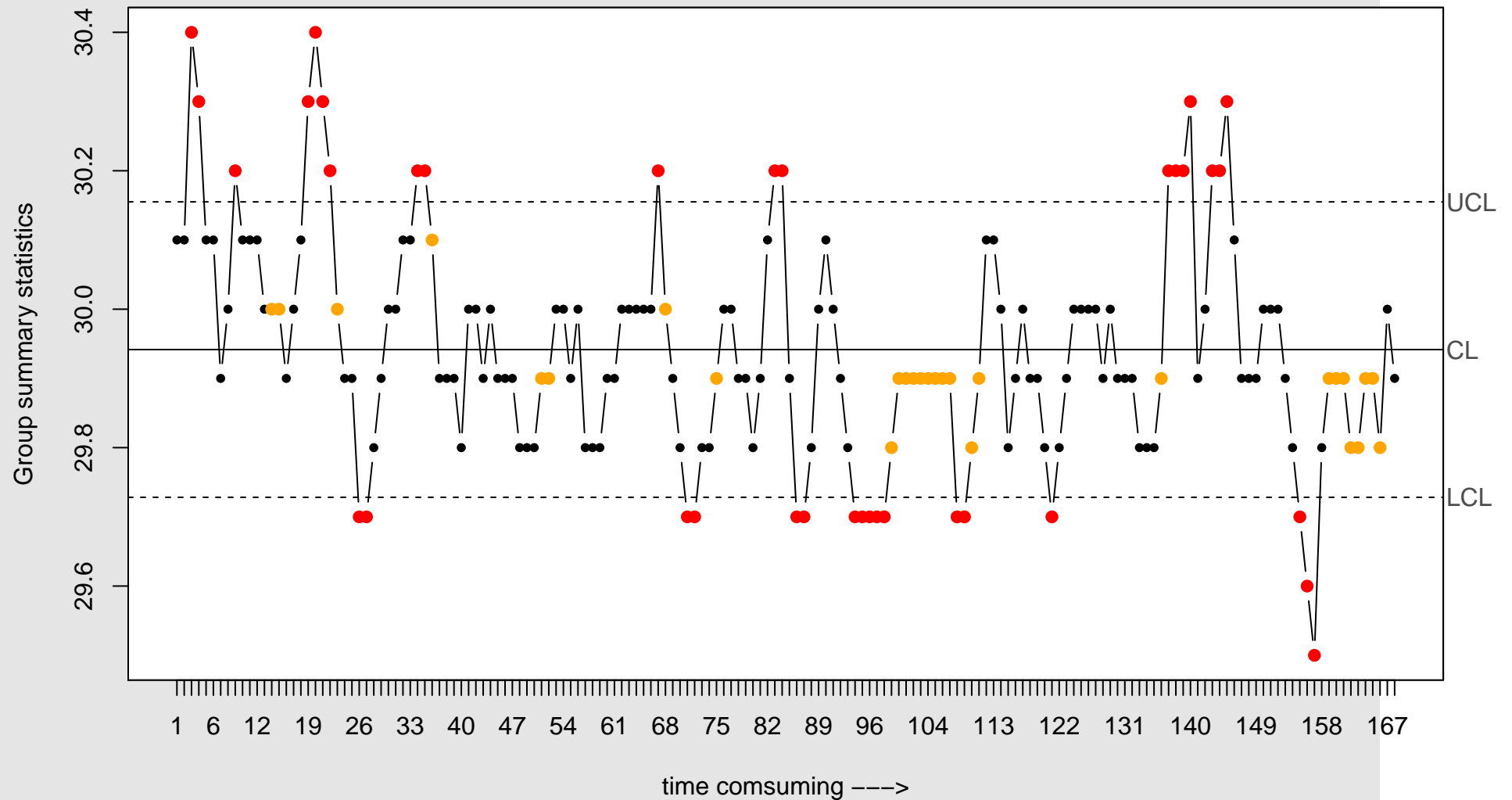


Number of groups = 168
 Center = 29.93095
 StdDev = 0.07644286

LCL = 29.70162
 UCL = 30.16028

Number beyond limits = 36
 Number violating runs = 27

322th column point of this product



Number of groups = 168
 Center = 29.94167
 StdDev = 0.07113433

LCL = 29.72826
 UCL = 30.15507

Number beyond limits = 36
 Number violating runs = 31