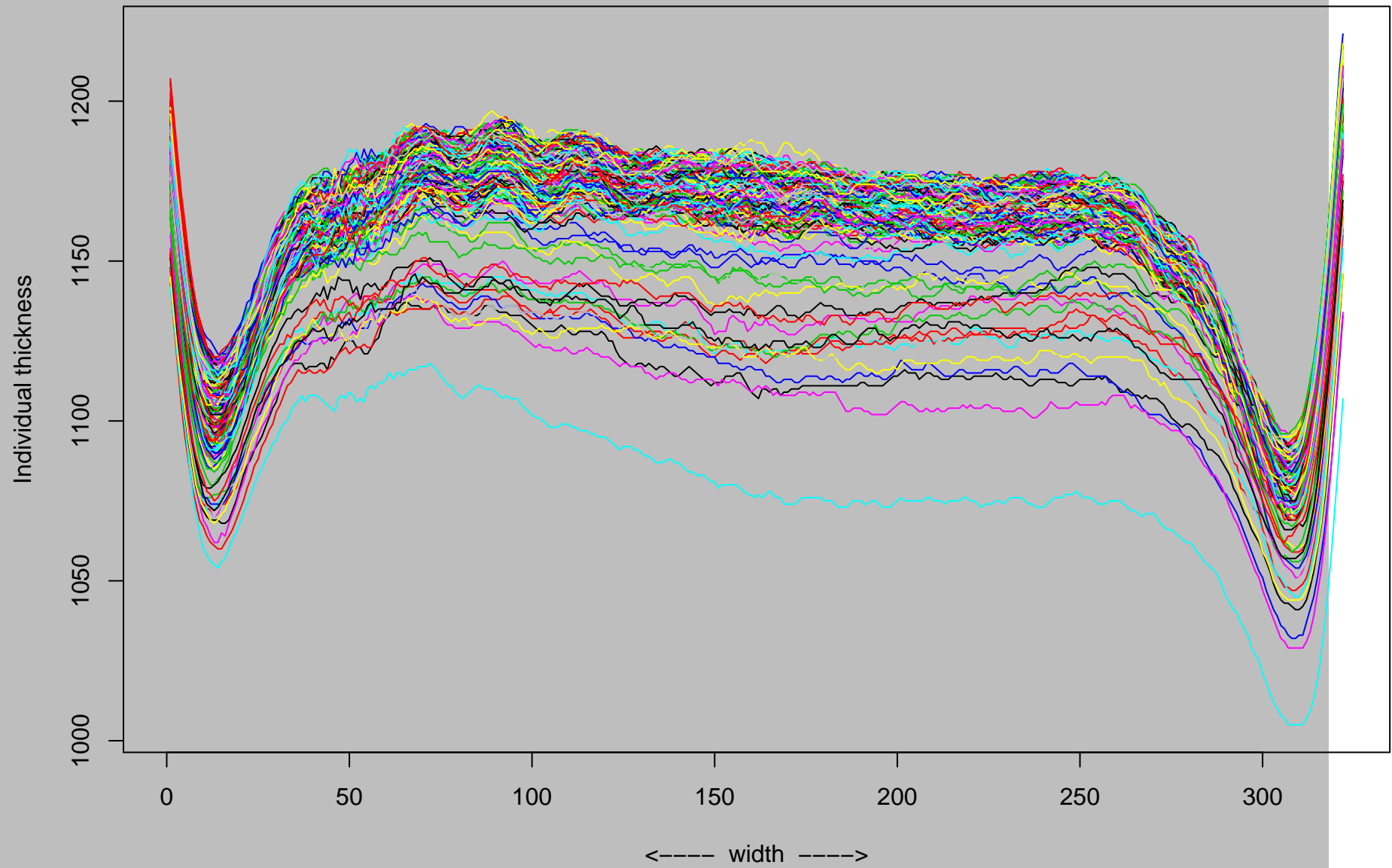
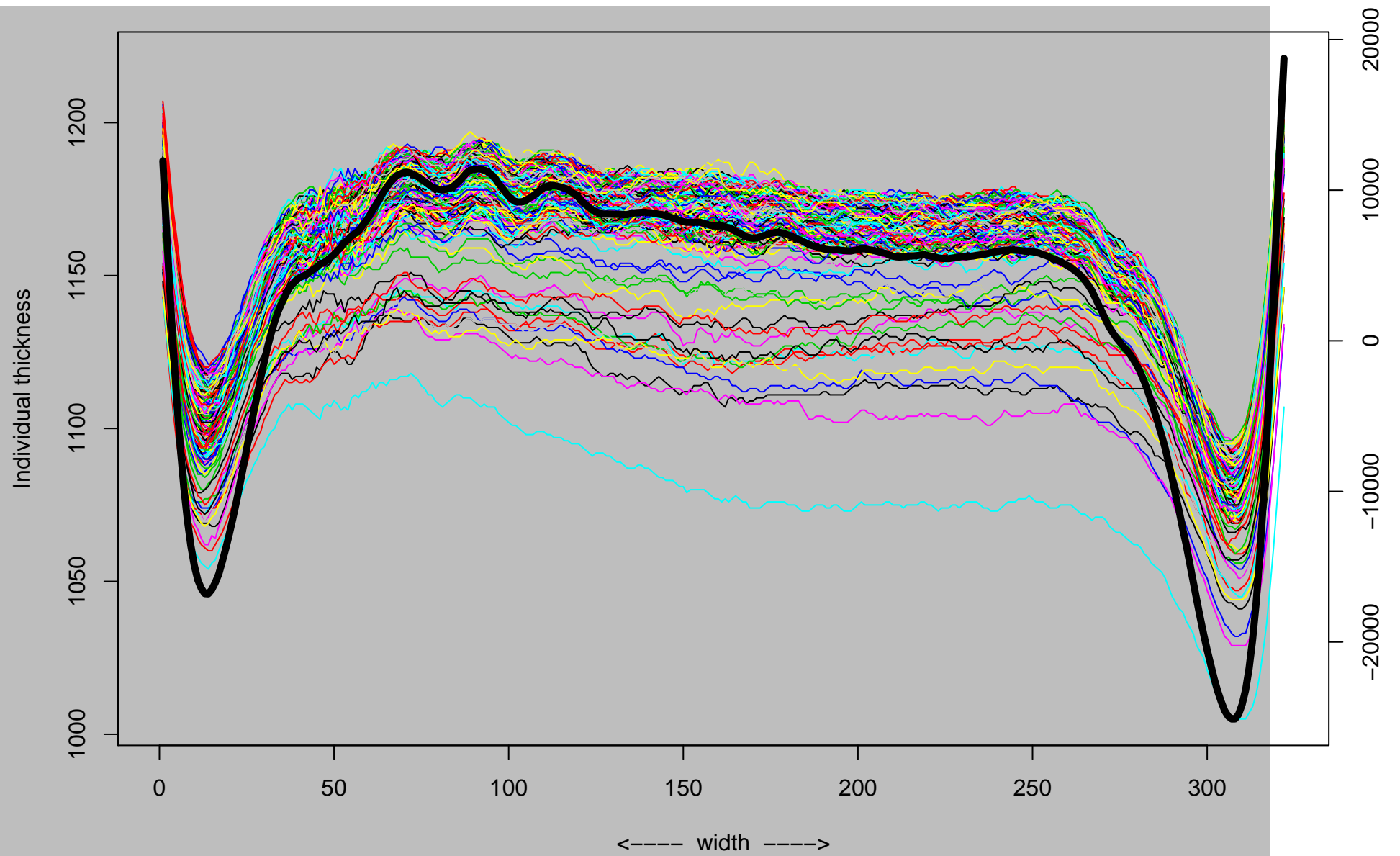


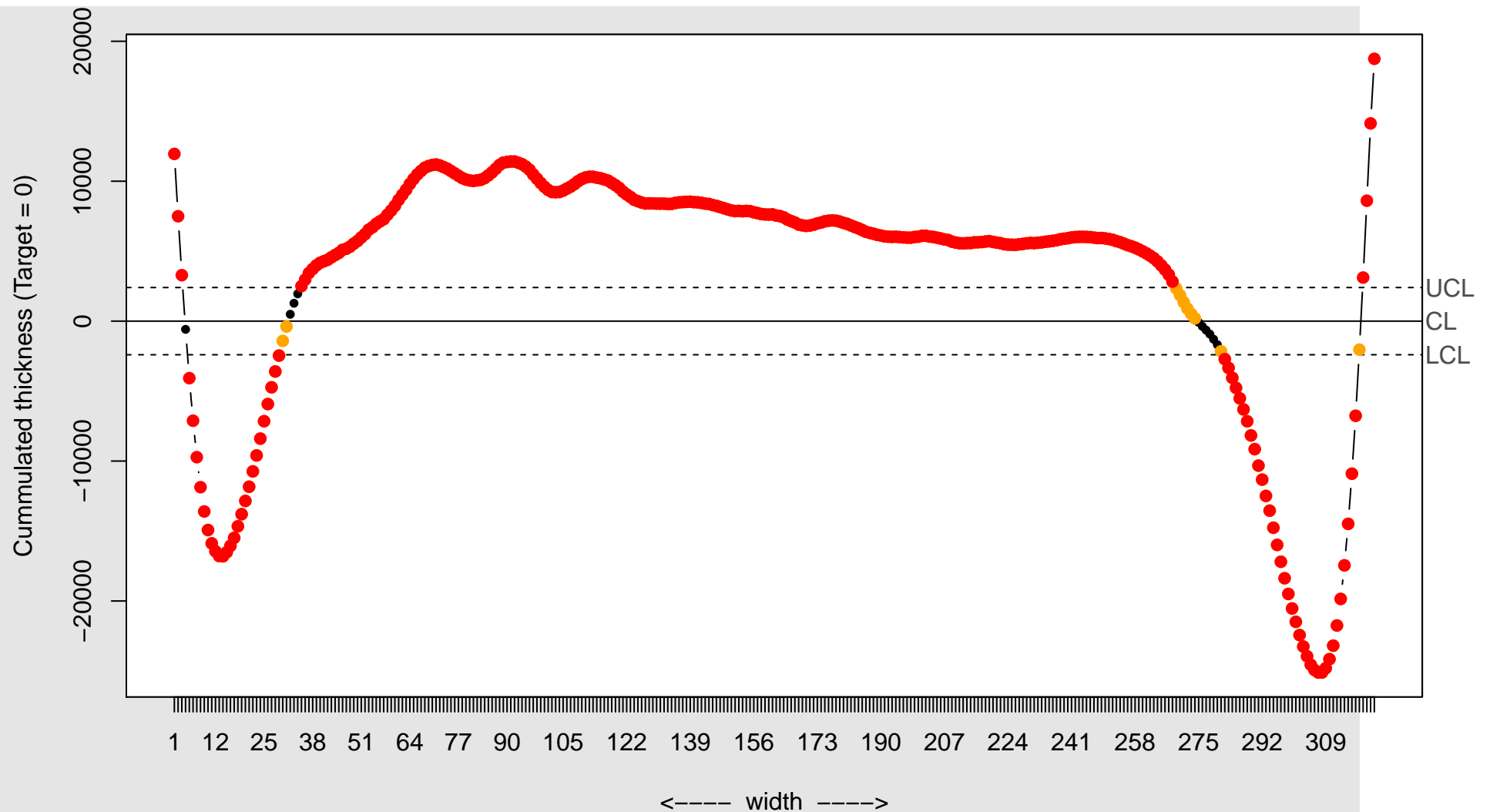
Individual thickness only



Simulated thickness



Simulated thickness



Number of groups = 322

Center = 0

StdDev = 400.2535

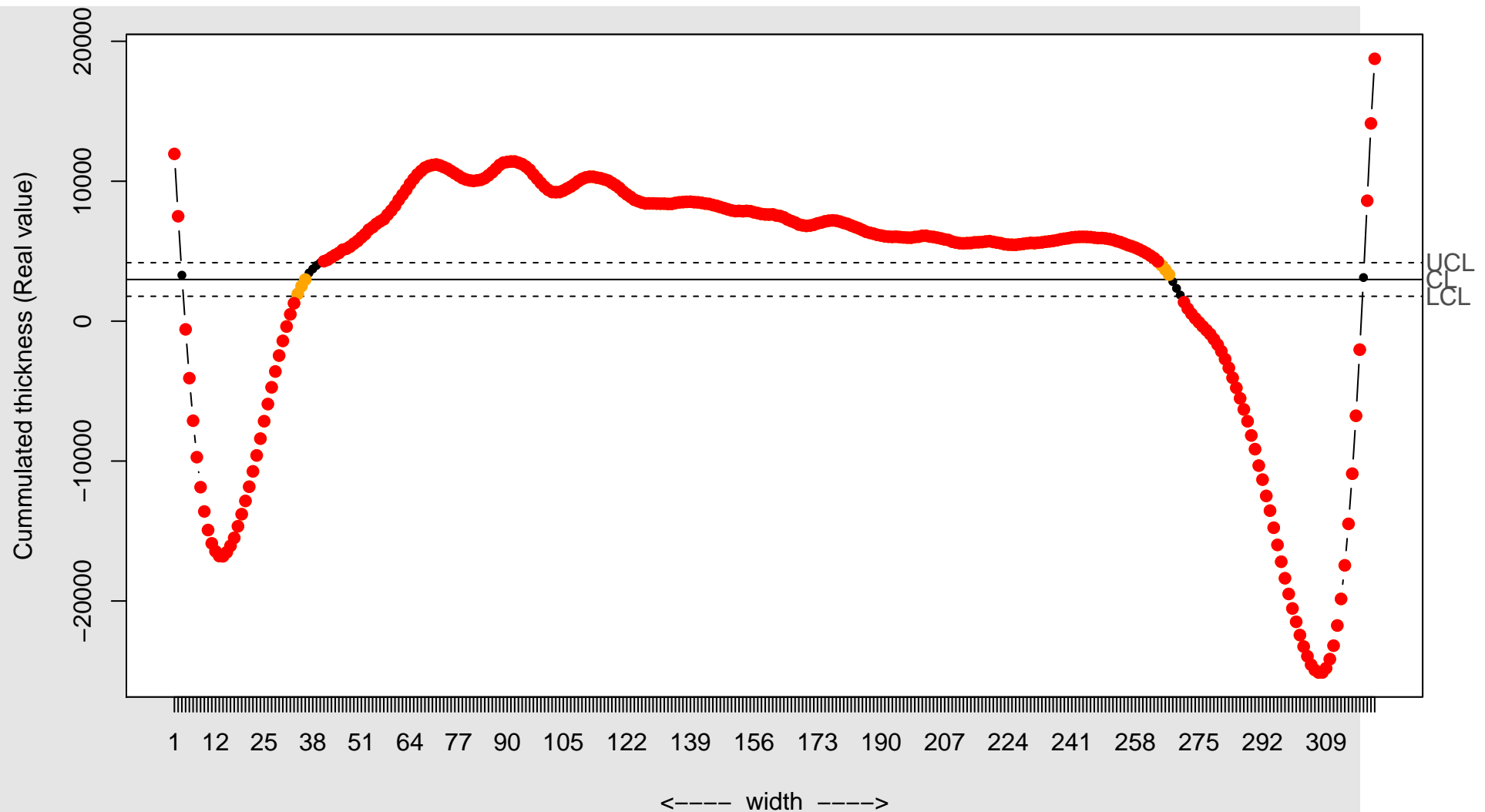
LCL = -2401.521

UCL = 2401.521

Number beyond limits = 302

Number violating runs = 297

Simulated thickness: Cpk is -0.1086 and z is -1.826 .

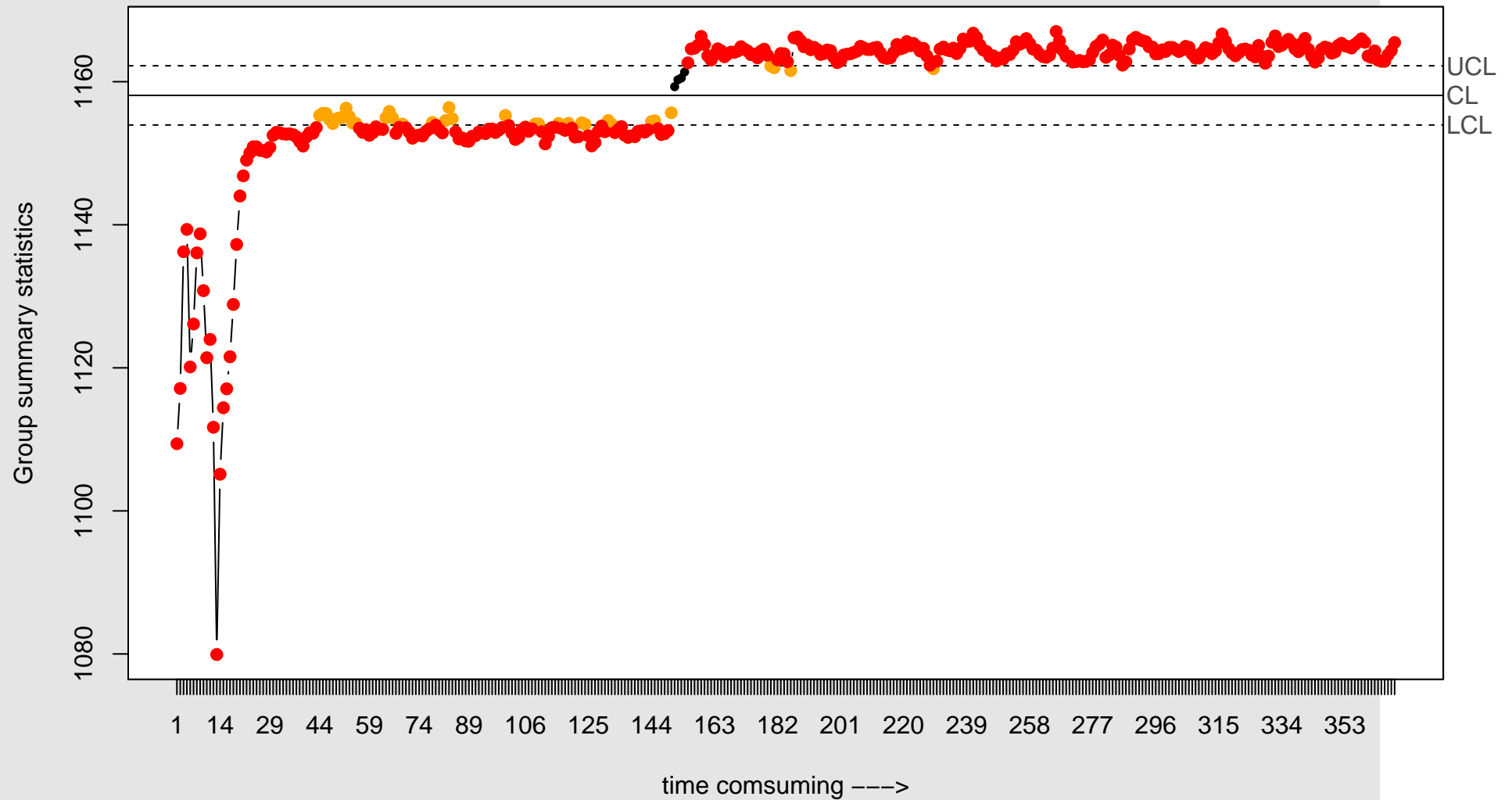


Number of groups = 322
Center = 2976.252
StdDev = 400.2535

LCL = 1775.491
UCL = 4177.012

Number beyond limits = 307
Number violating runs = 297

X-bar chart for a given dataset

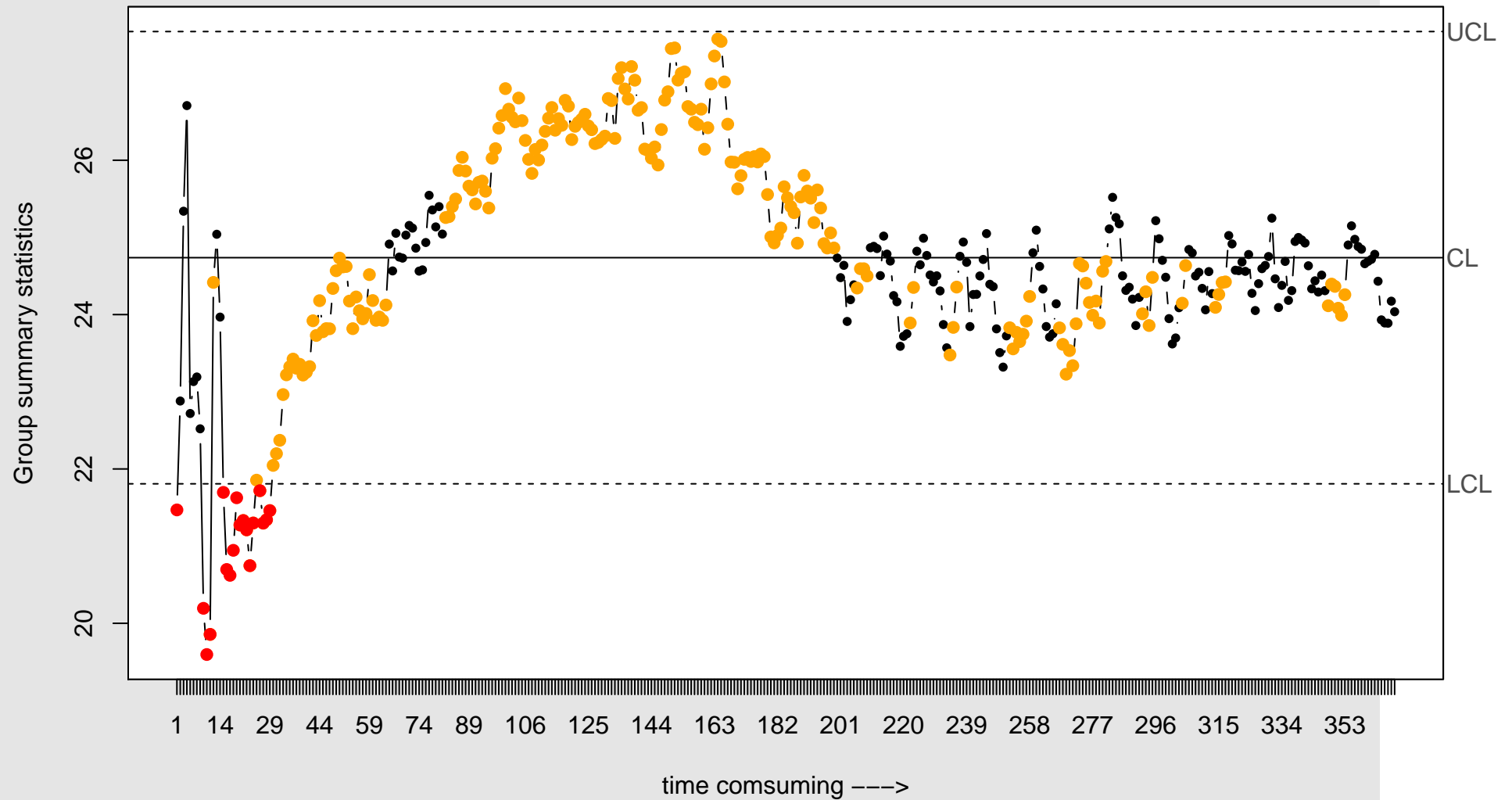


Number of groups = 368
Center = 1158.088
StdDev = 24.77551

LCL = 1153.946
UCL = 1162.23

Number beyond limits = 328
Number violating runs = 356

S chart for a given dataset

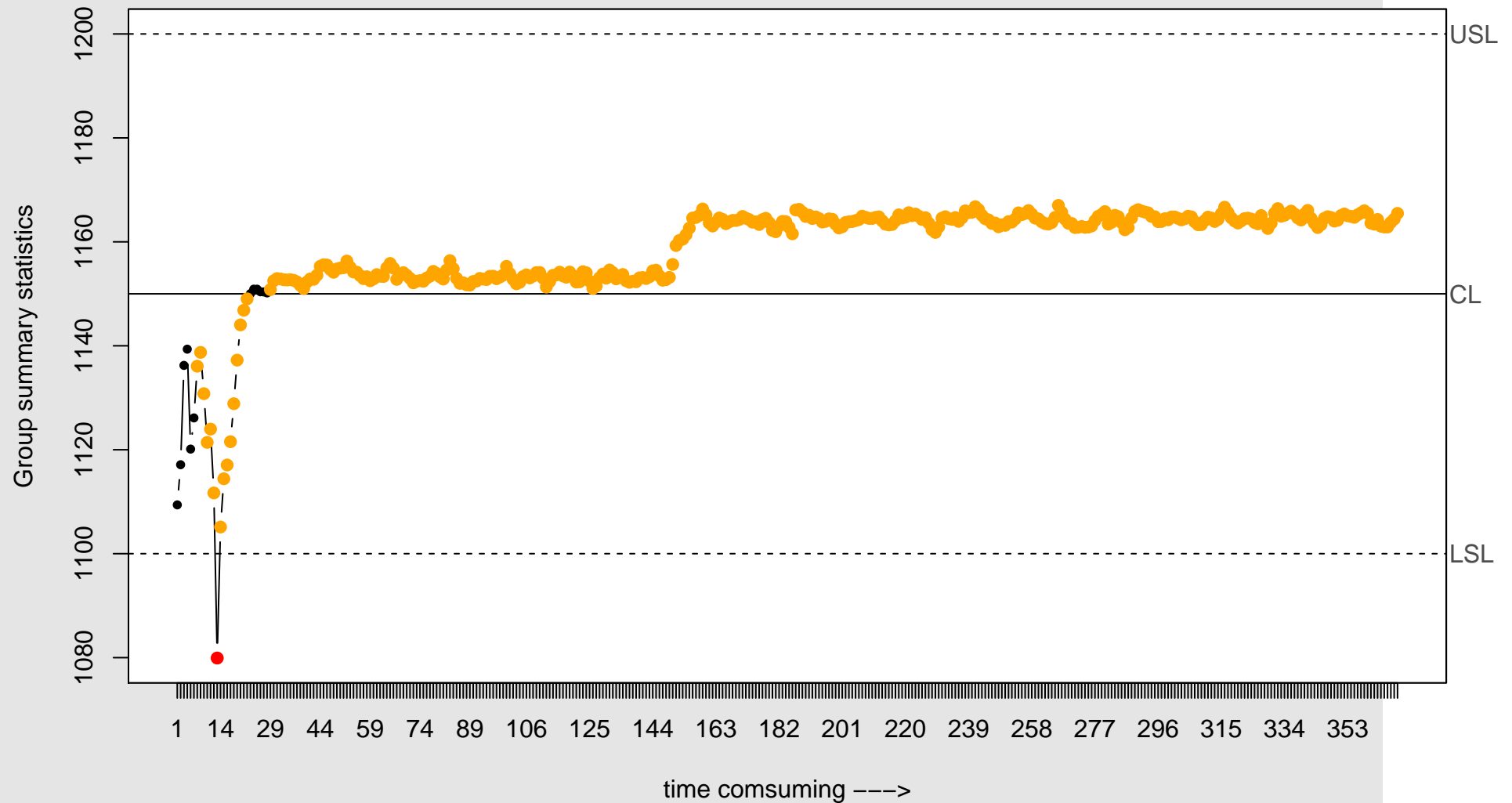


Number of groups = 368
Center = 24.73754
StdDev = 24.75681

LCL = 21.80746
UCL = 27.66761

Number beyond limits = 18
Number violating runs = 212

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



Number of groups = 368

Center = 1150

StdDev = 24.77551

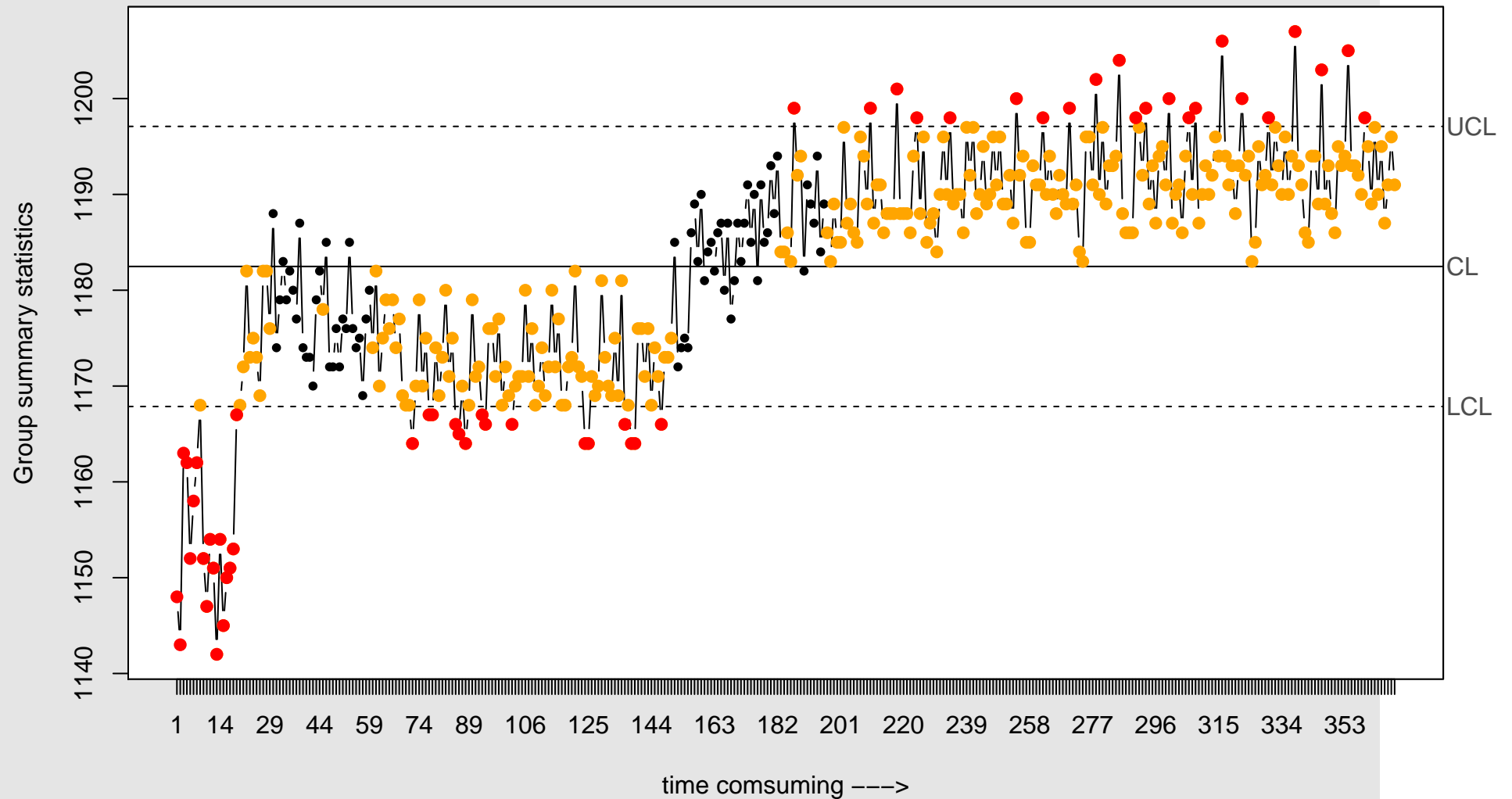
LCL = 1100

UCL = 1200

Number beyond limits = 1

Number violating runs = 356

1th column point of this product



Number of groups = 368

Center = 1182.481

StdDev = 4.872263

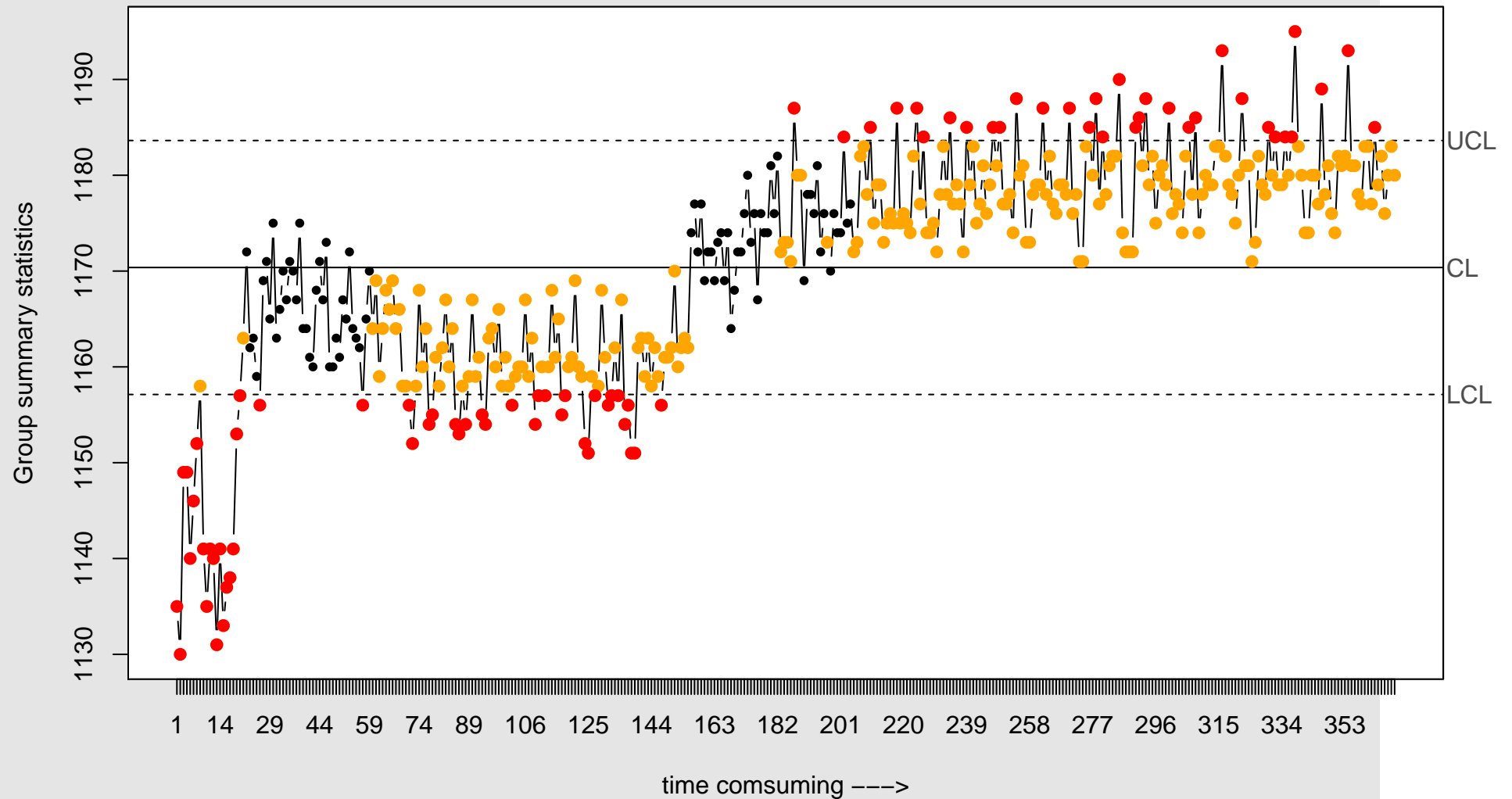
LCL = 1167.864

UCL = 1197.098

Number beyond limits = 55

Number violating runs = 294

2th column point of this product



Number of groups = 368

Center = 1170.372

StdDev = 4.418131

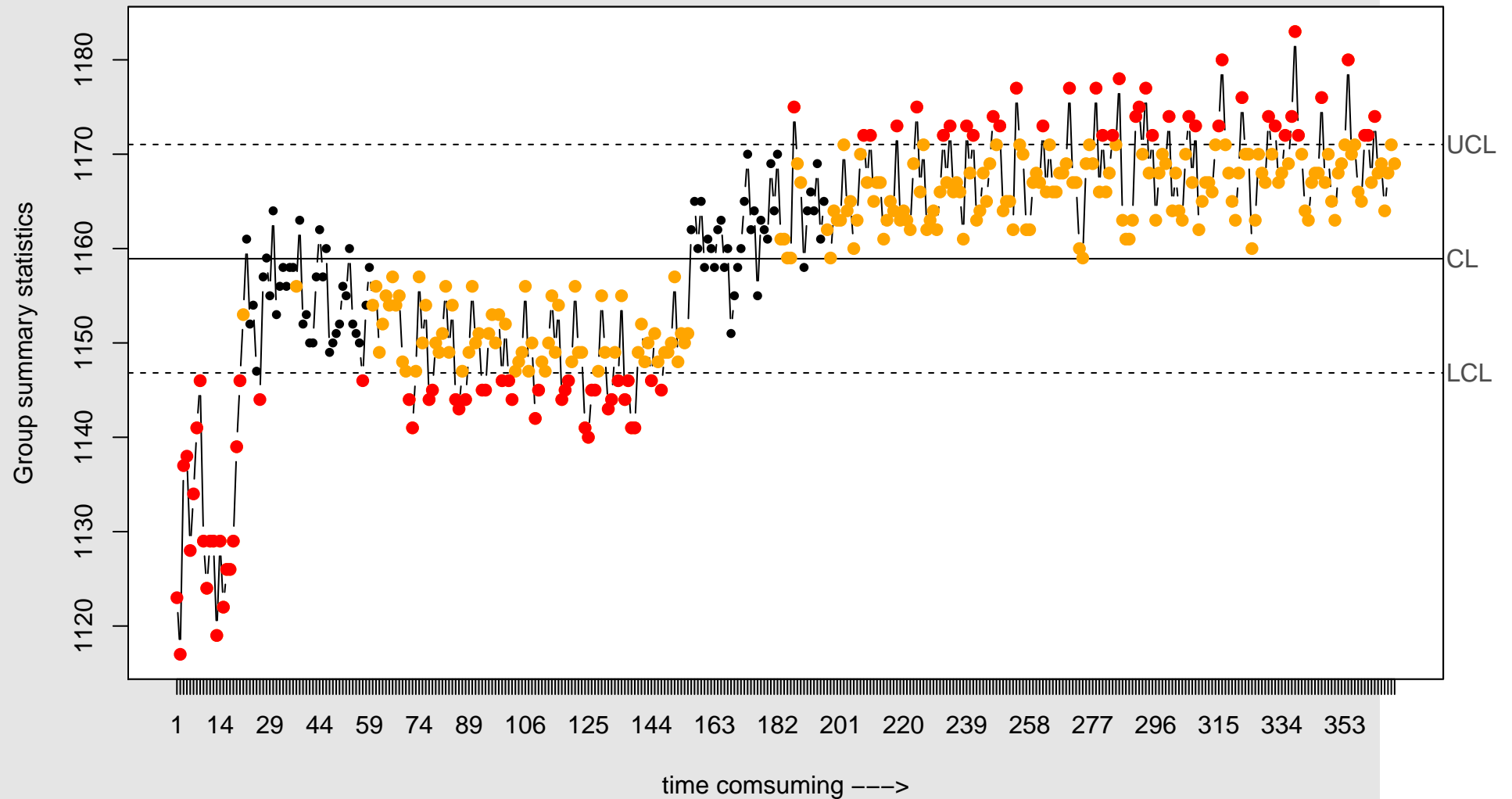
LCL = 1157.118

UCL = 1183.627

Number beyond limits = 80

Number violating runs = 283

3th column point of this product



Number of groups = 368

Center = 1158.927

StdDev = 4.03405

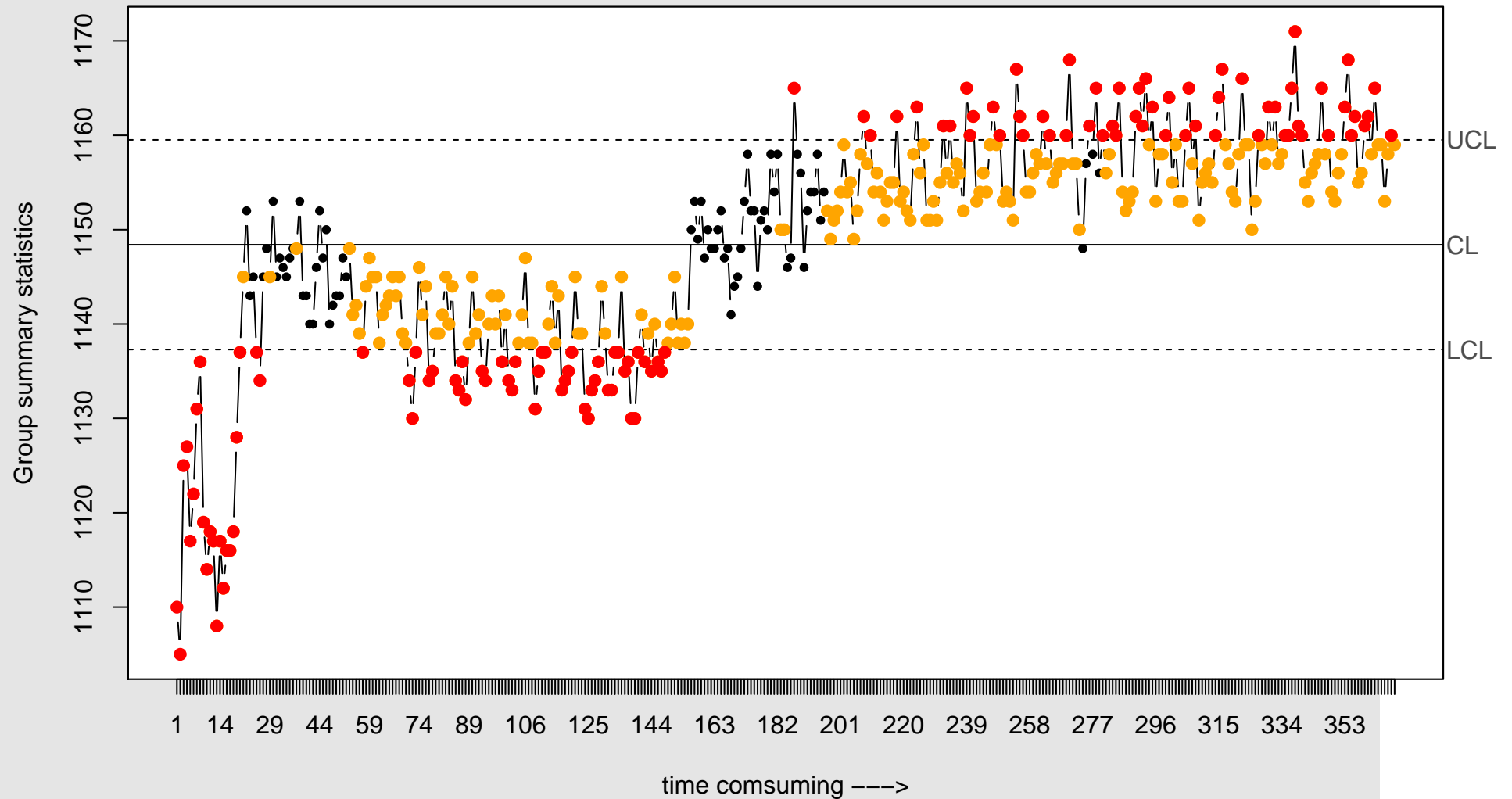
LCL = 1146.824

UCL = 1171.029

Number beyond limits = 91

Number violating runs = 291

4th column point of this product



Number of groups = 368

Center = 1148.405

StdDev = 3.703113

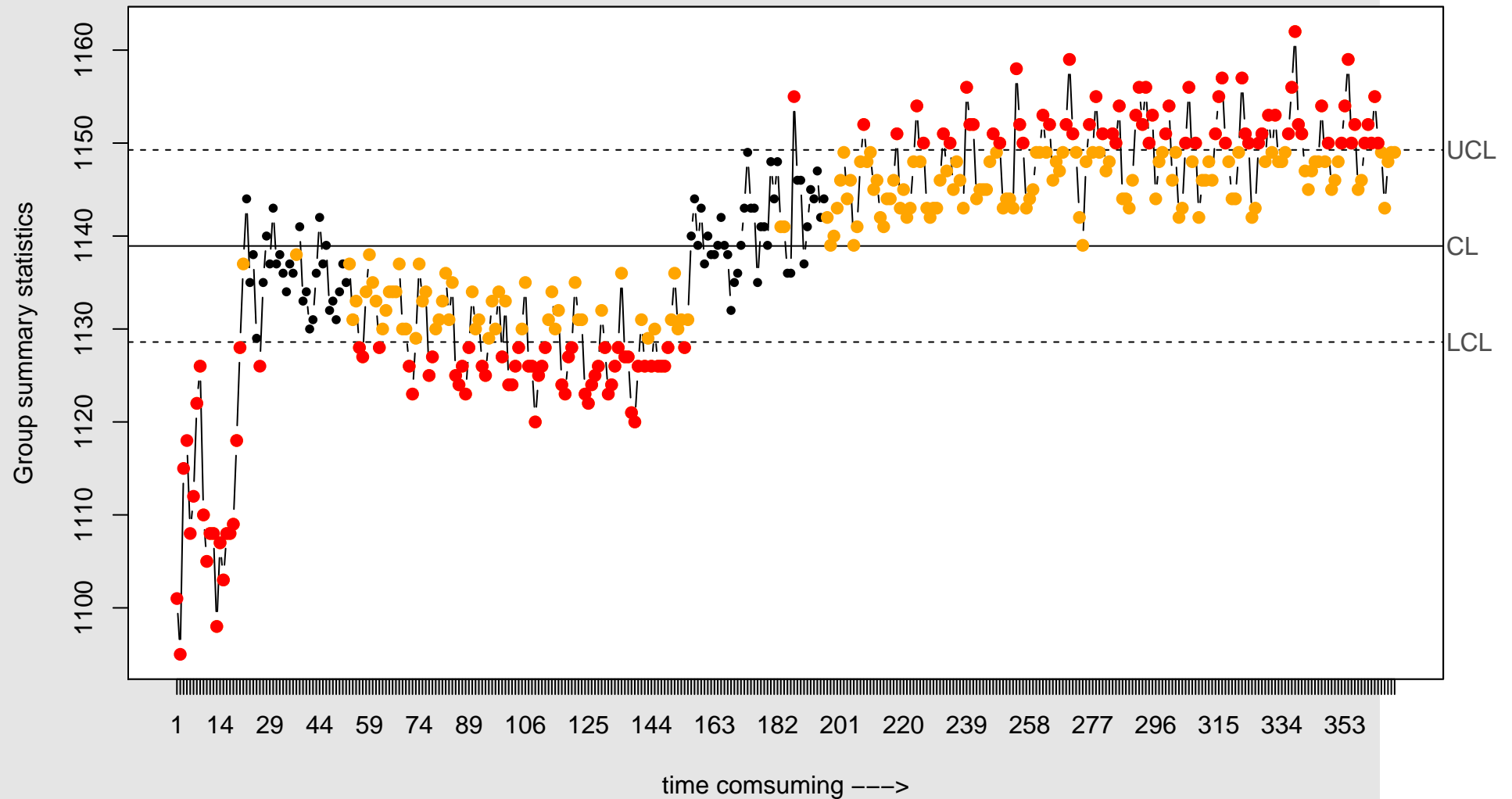
LCL = 1137.296

UCL = 1159.514

Number beyond limits = 123

Number violating runs = 287

5th column point of this product



Number of groups = 368

Center = 1138.929

StdDev = 3.444644

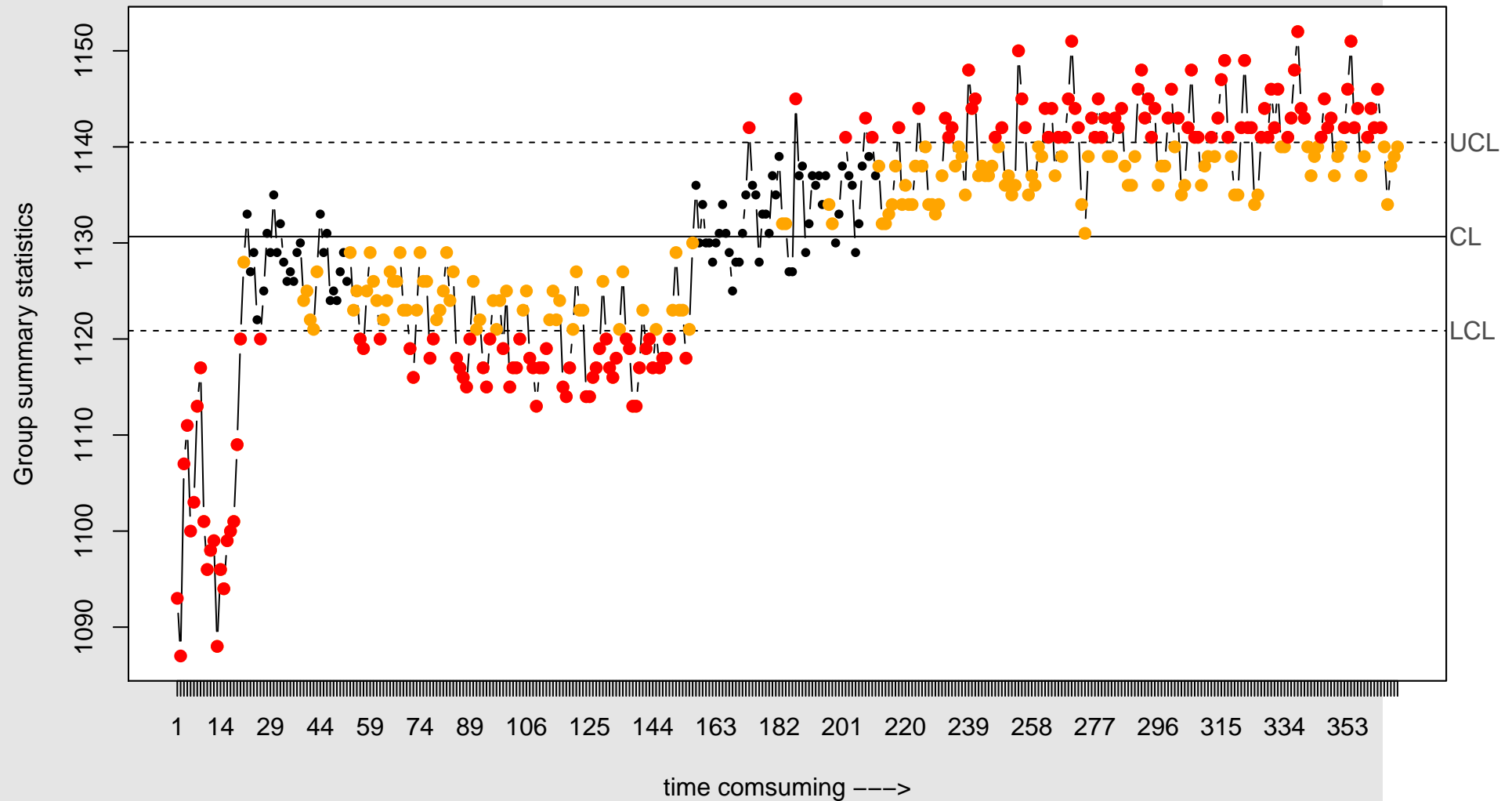
LCL = 1128.595

UCL = 1149.263

Number beyond limits = 137

Number violating runs = 293

6th column point of this product



Number of groups = 368

Center = 1130.663

StdDev = 3.268305

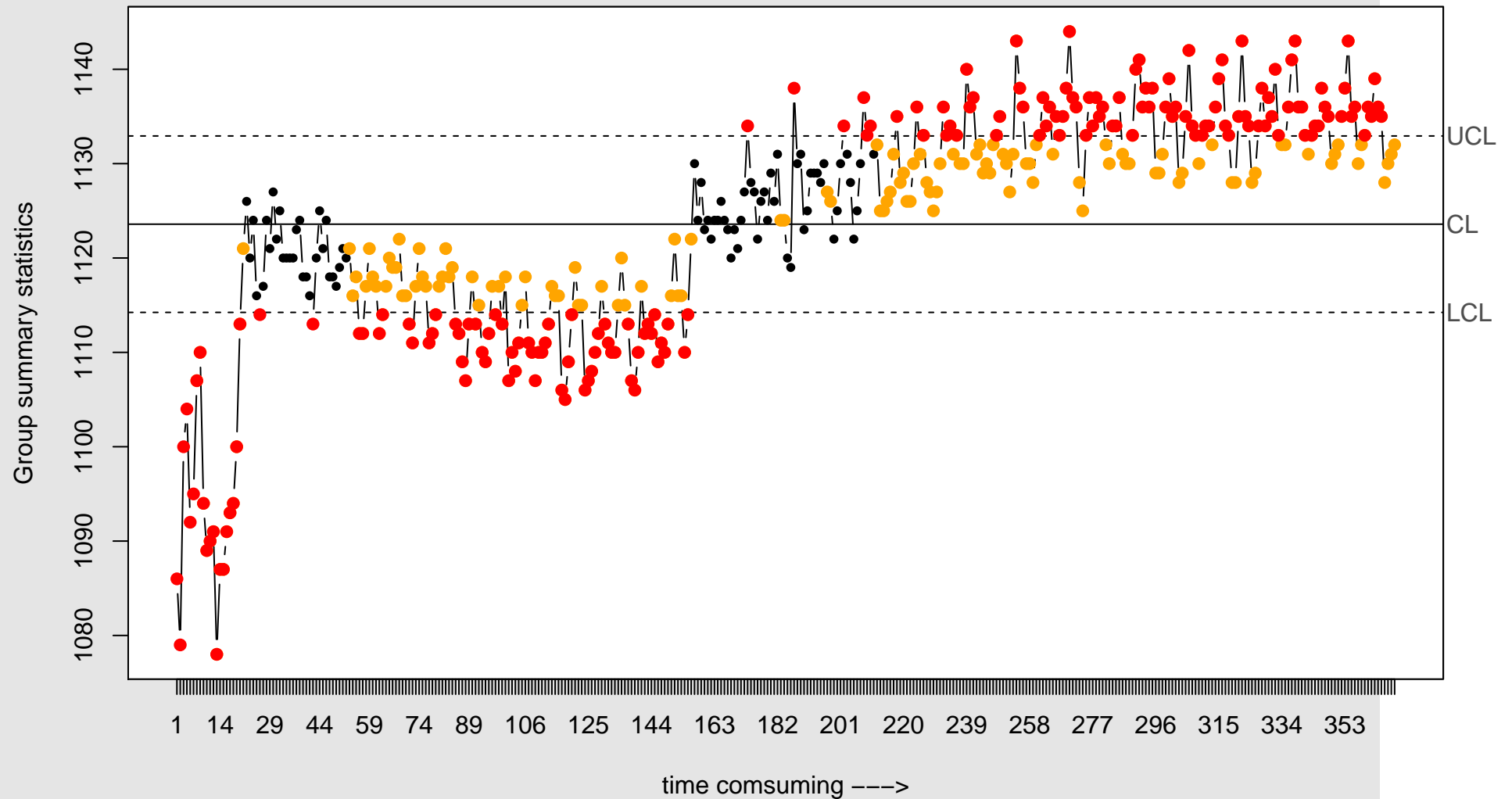
LCL = 1120.858

UCL = 1140.468

Number beyond limits = 155

Number violating runs = 285

7th column point of this product



Number of groups = 368

Center = 1123.584

StdDev = 3.116123

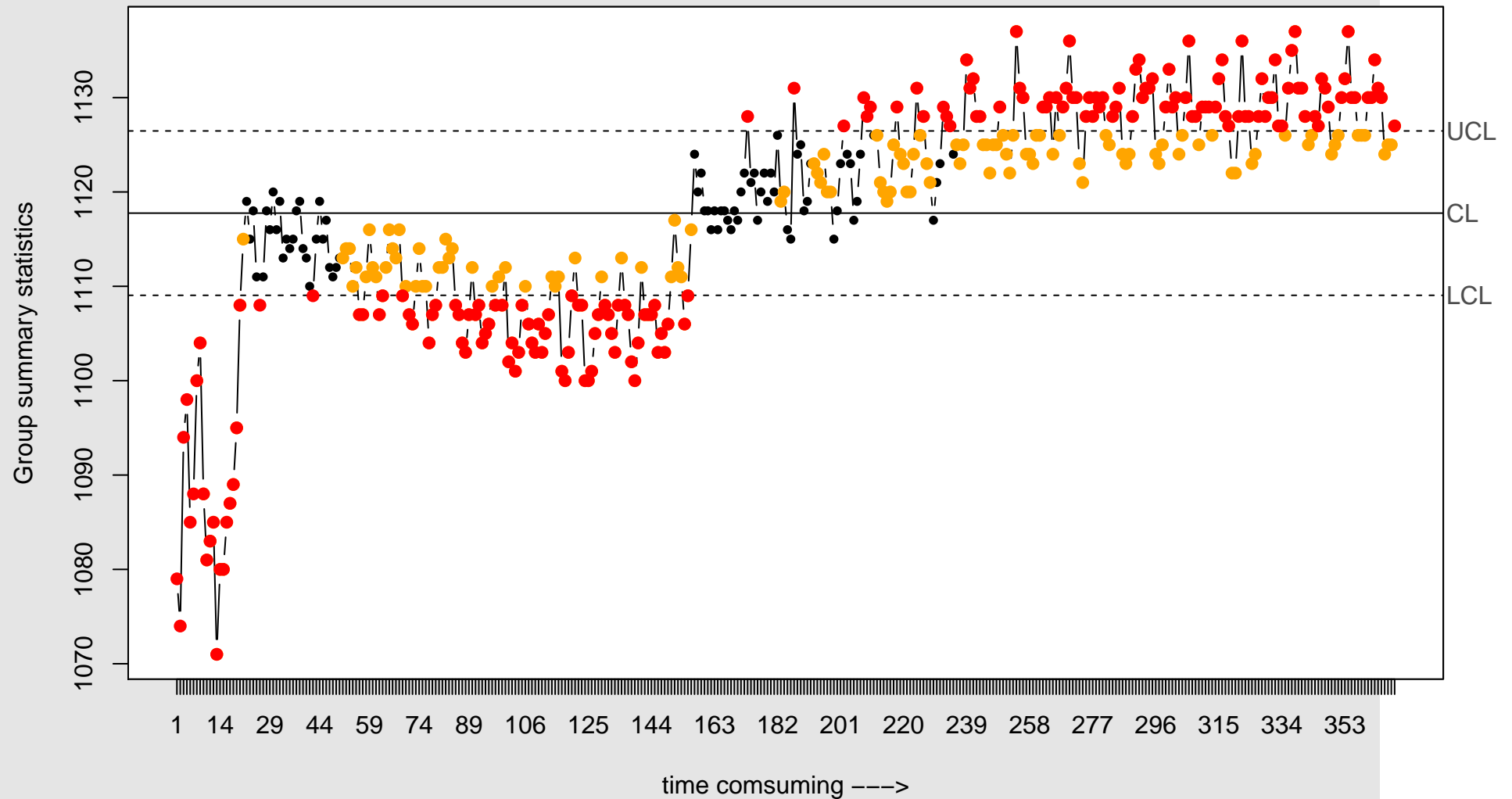
LCL = 1114.236

UCL = 1132.933

Number beyond limits = 178

Number violating runs = 280

8th column point of this product



Number of groups = 368

Center = 1117.755

StdDev = 2.90355

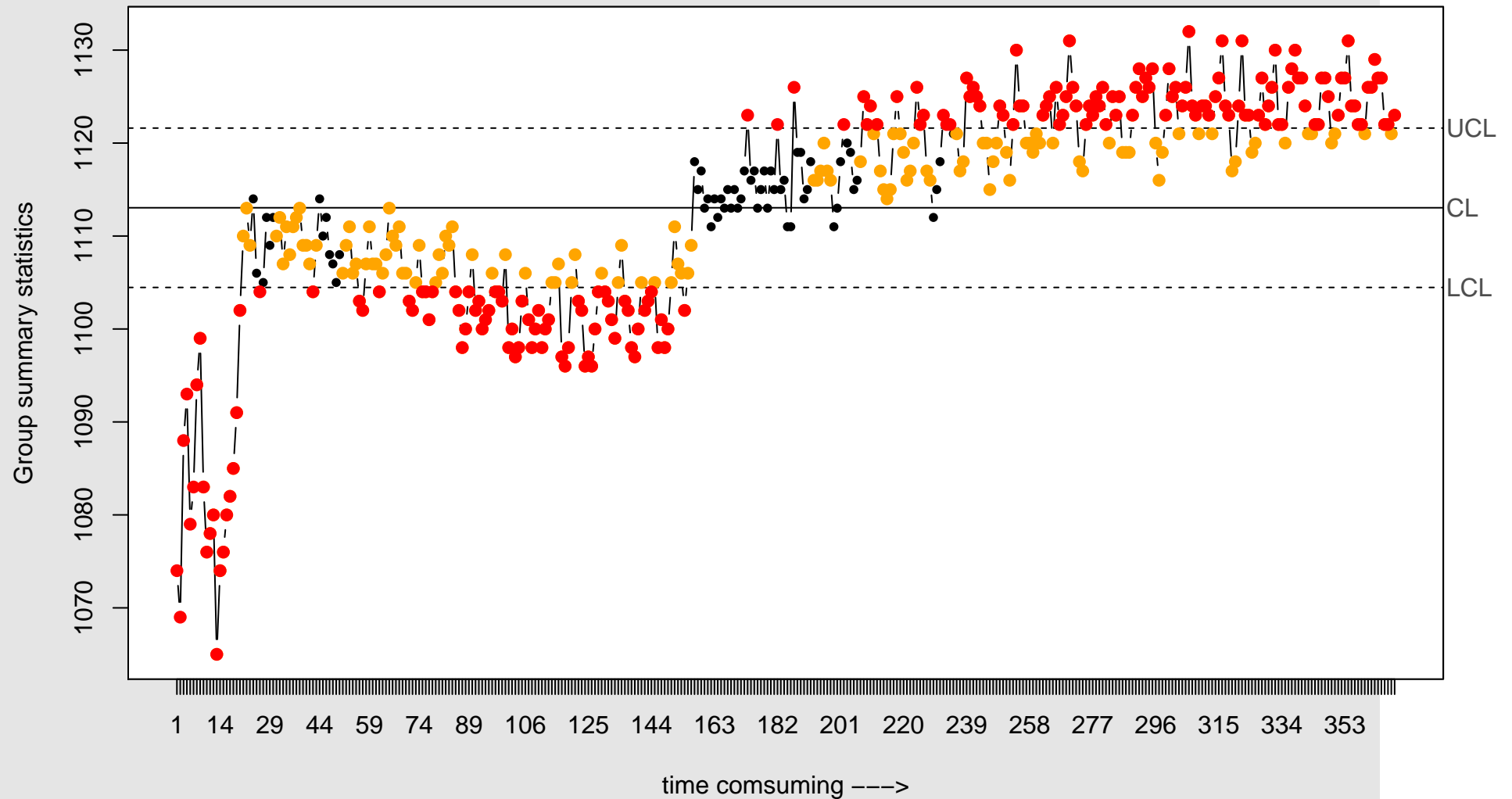
LCL = 1109.045

UCL = 1126.466

Number beyond limits = 183

Number violating runs = 279

9th column point of this product



Number of groups = 368

Center = 1113.041

StdDev = 2.857654

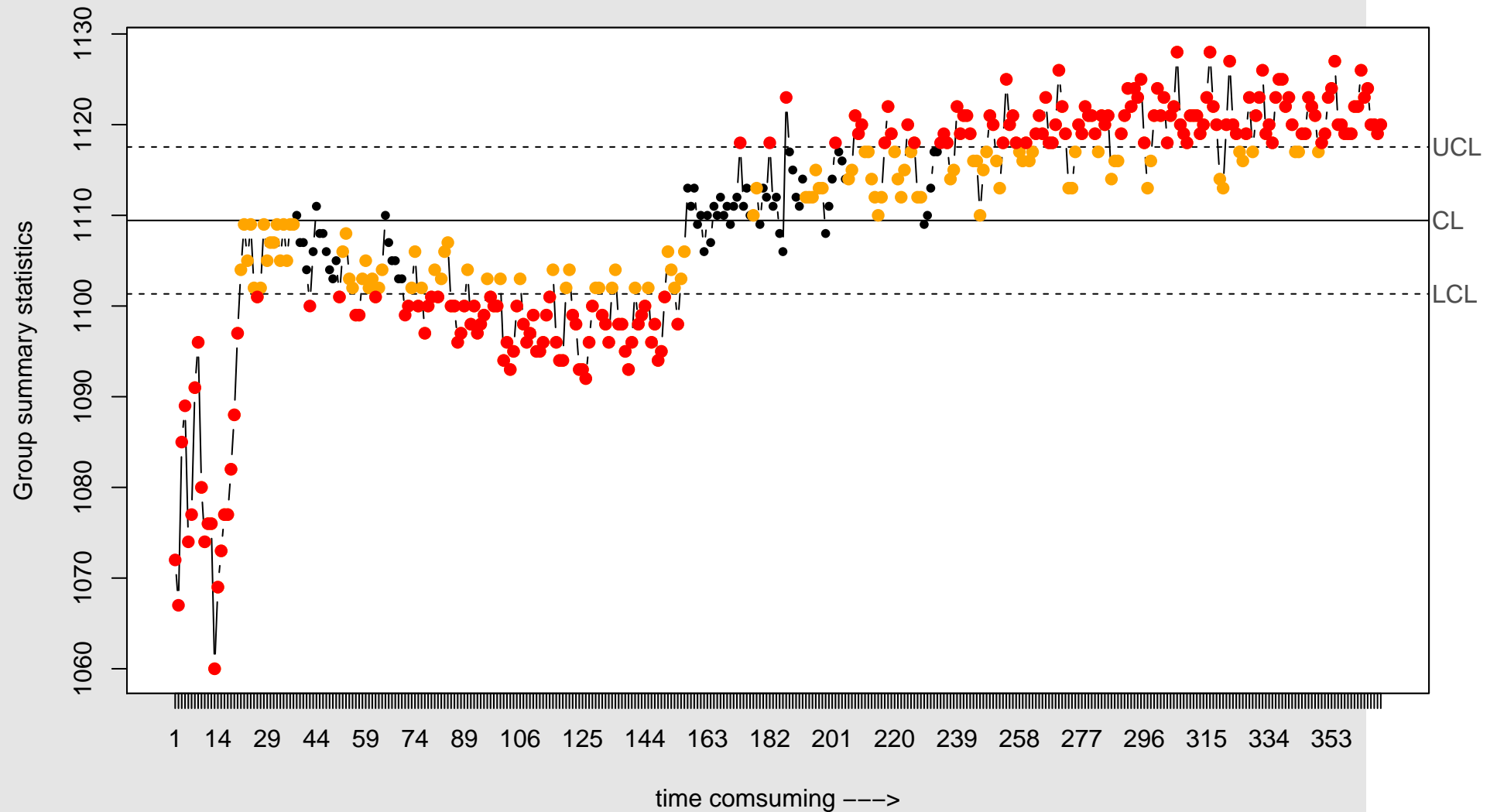
LCL = 1104.468

UCL = 1121.614

Number beyond limits = 192

Number violating runs = 297

10th column point of this product

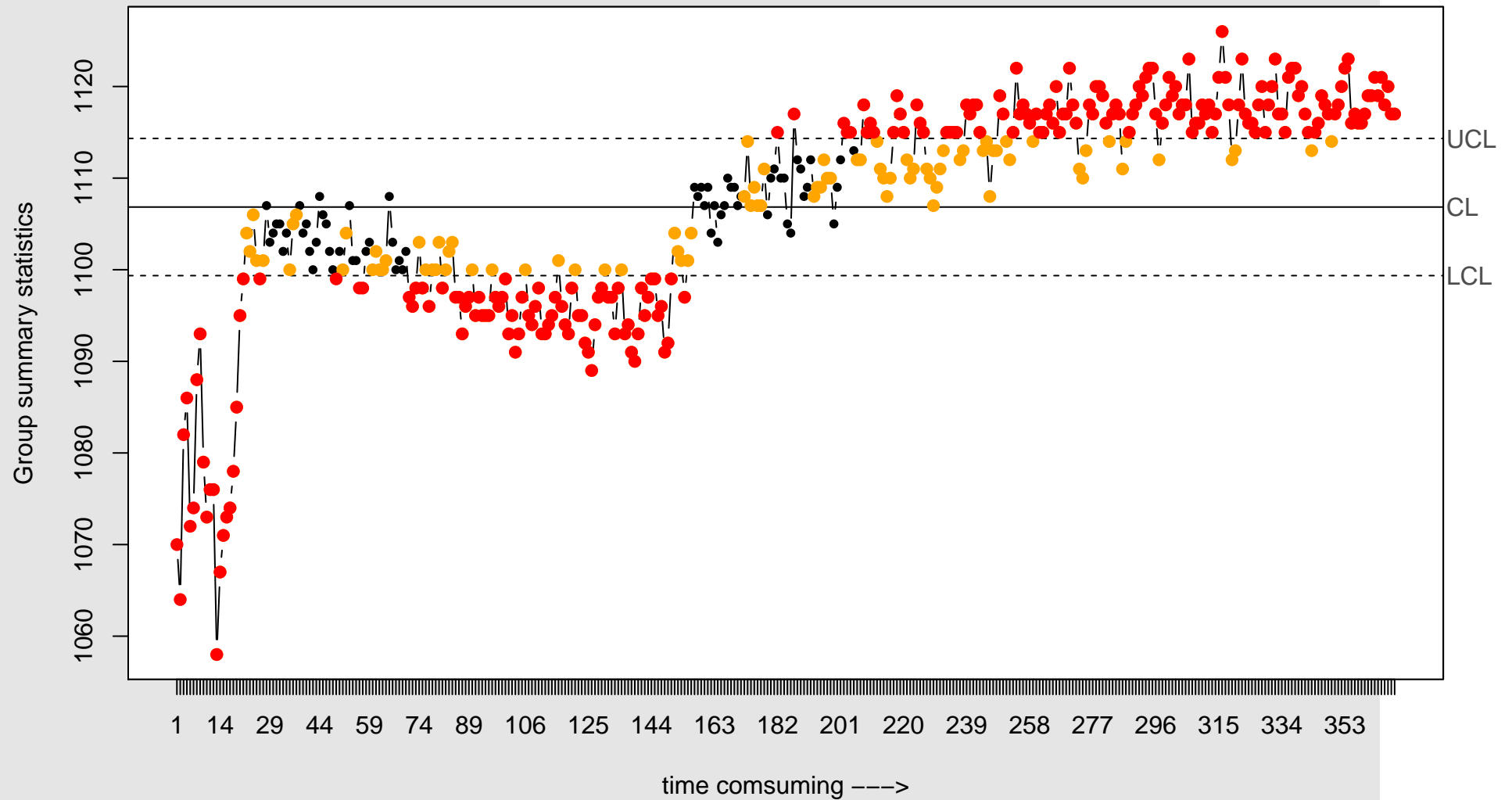


Number of groups = 368
Center = 1109.438
StdDev = 2.70064

LCL = 1101.336
UCL = 1117.539

Number beyond limits = 204
Number violating runs = 294

11th column point of this product



Number of groups = 368

Center = 1106.842

StdDev = 2.495314

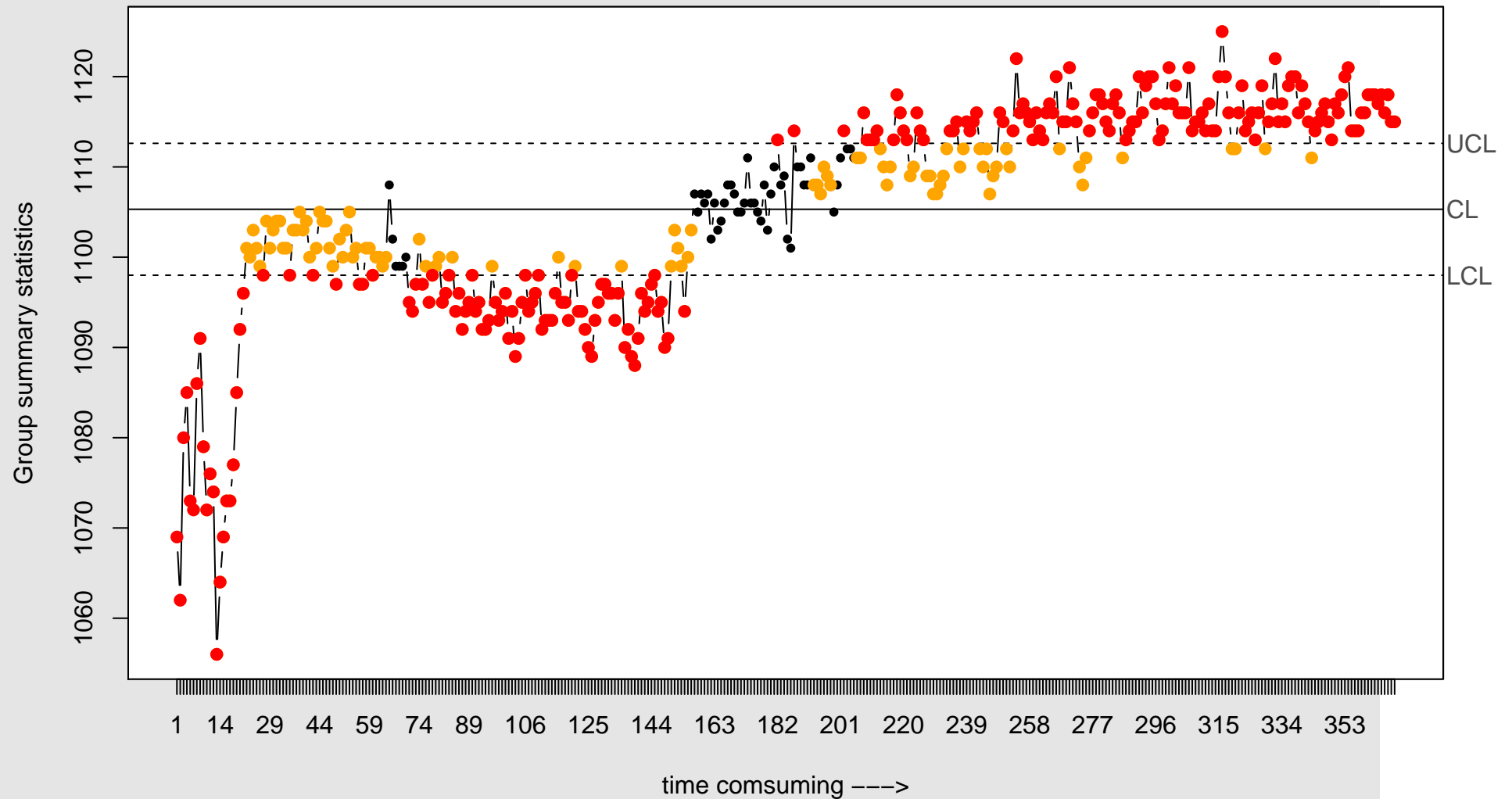
LCL = 1099.356

UCL = 1114.328

Number beyond limits = 222

Number violating runs = 292

12th column point of this product



Number of groups = 368

Center = 1105.307

StdDev = 2.434924

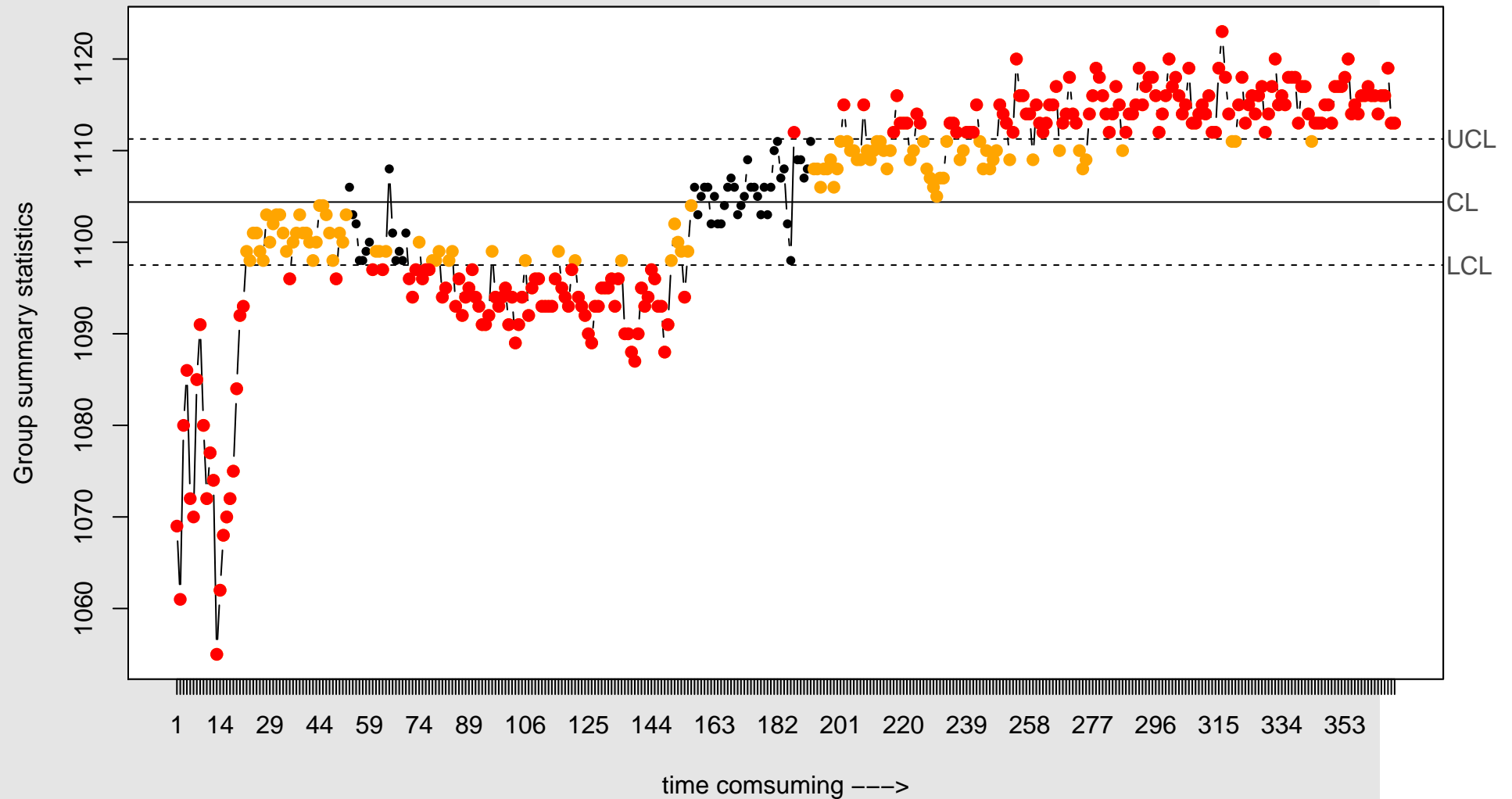
LCL = 1098.002

UCL = 1112.612

Number beyond limits = 231

Number violating runs = 312

13th column point of this product



Number of groups = 368

Center = 1104.383

StdDev = 2.294819

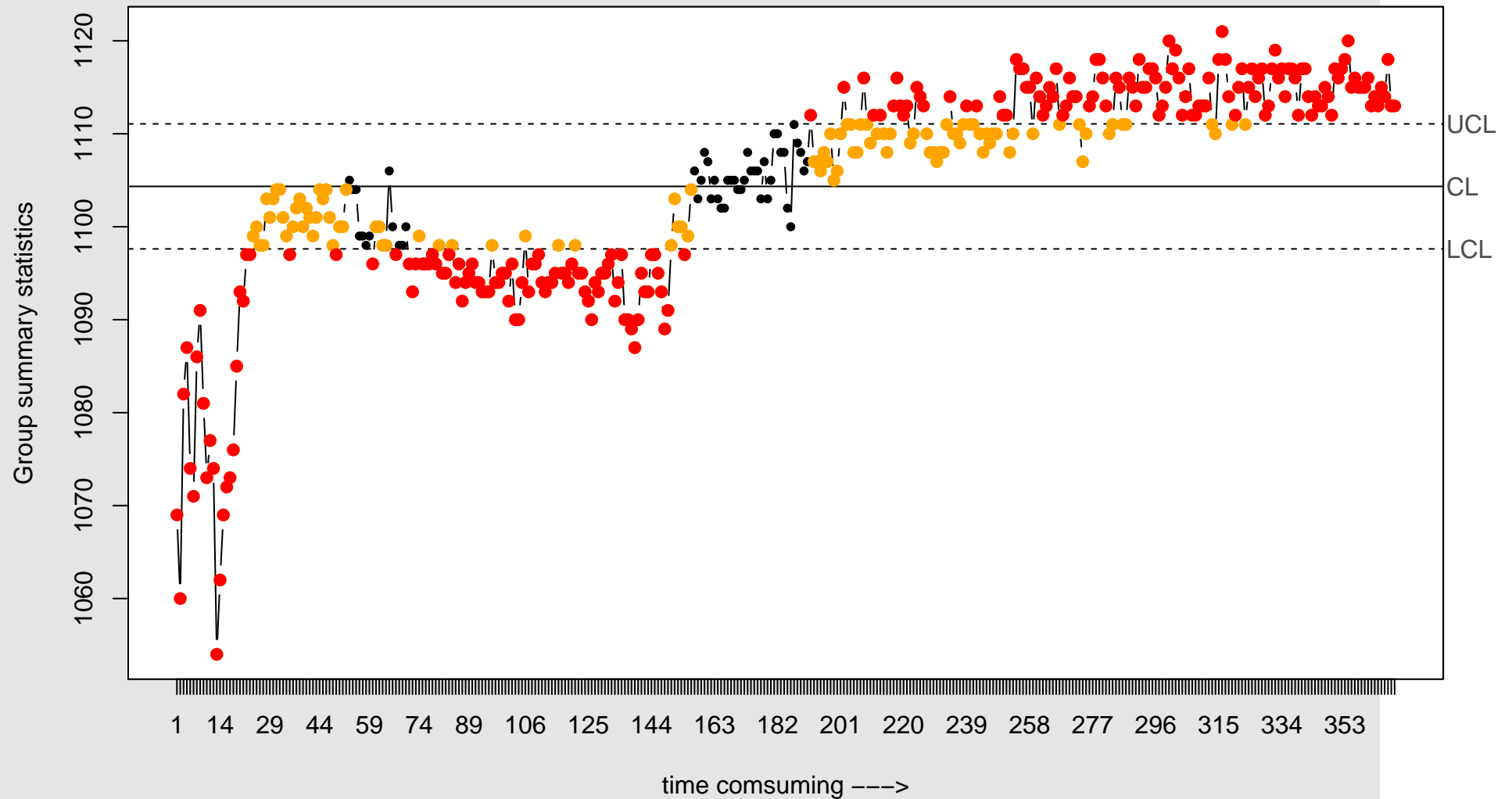
LCL = 1097.499

UCL = 1111.268

Number beyond limits = 221

Number violating runs = 312

14th column point of this product



Number of groups = 368

Center = 1104.34

StdDev = 2.241676

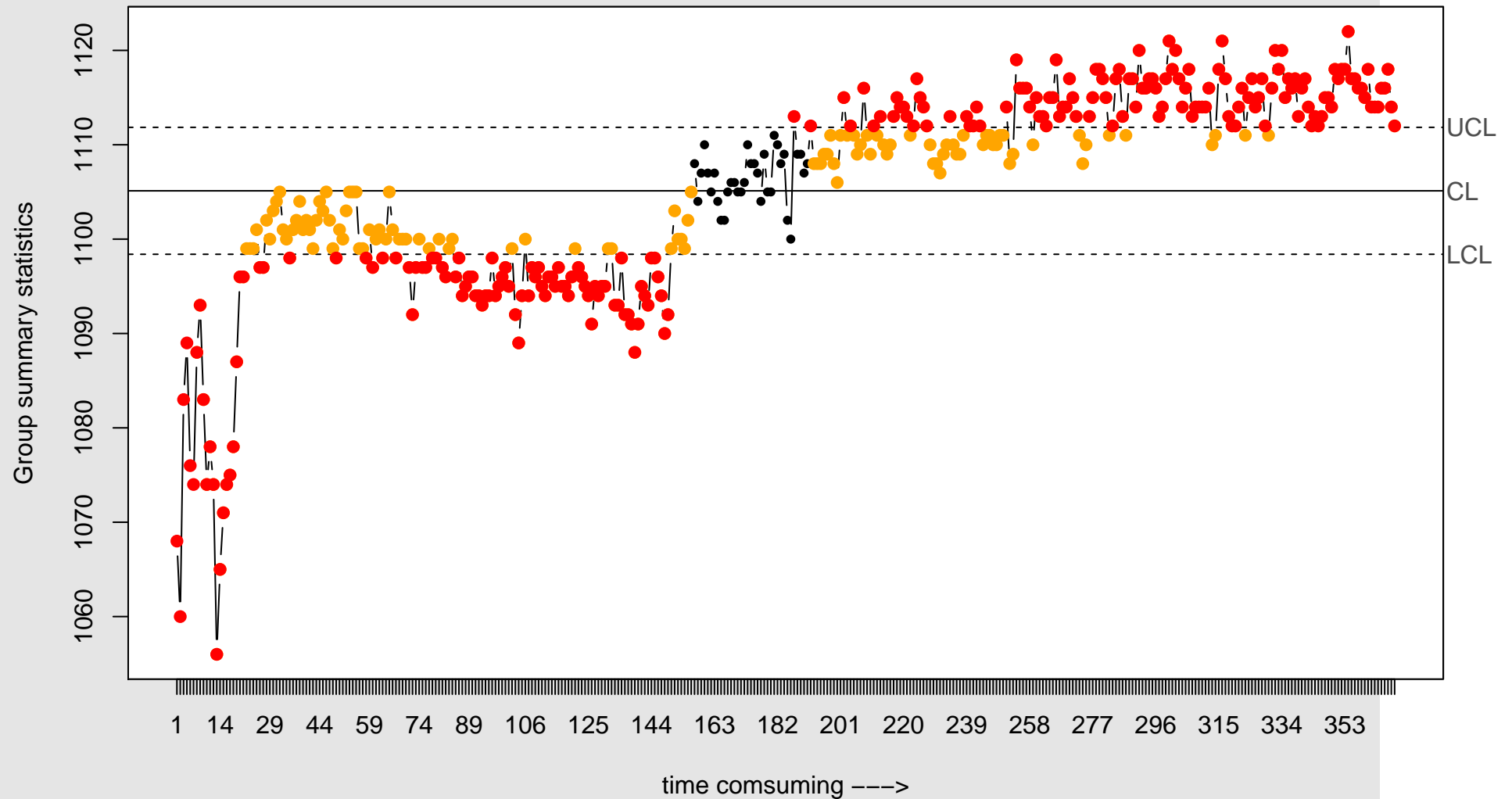
LCL = 1097.615

UCL = 1111.065

Number beyond limits = 221

Number violating runs = 312

15th column point of this product



Number of groups = 368

Center = 1105.12

StdDev = 2.241676

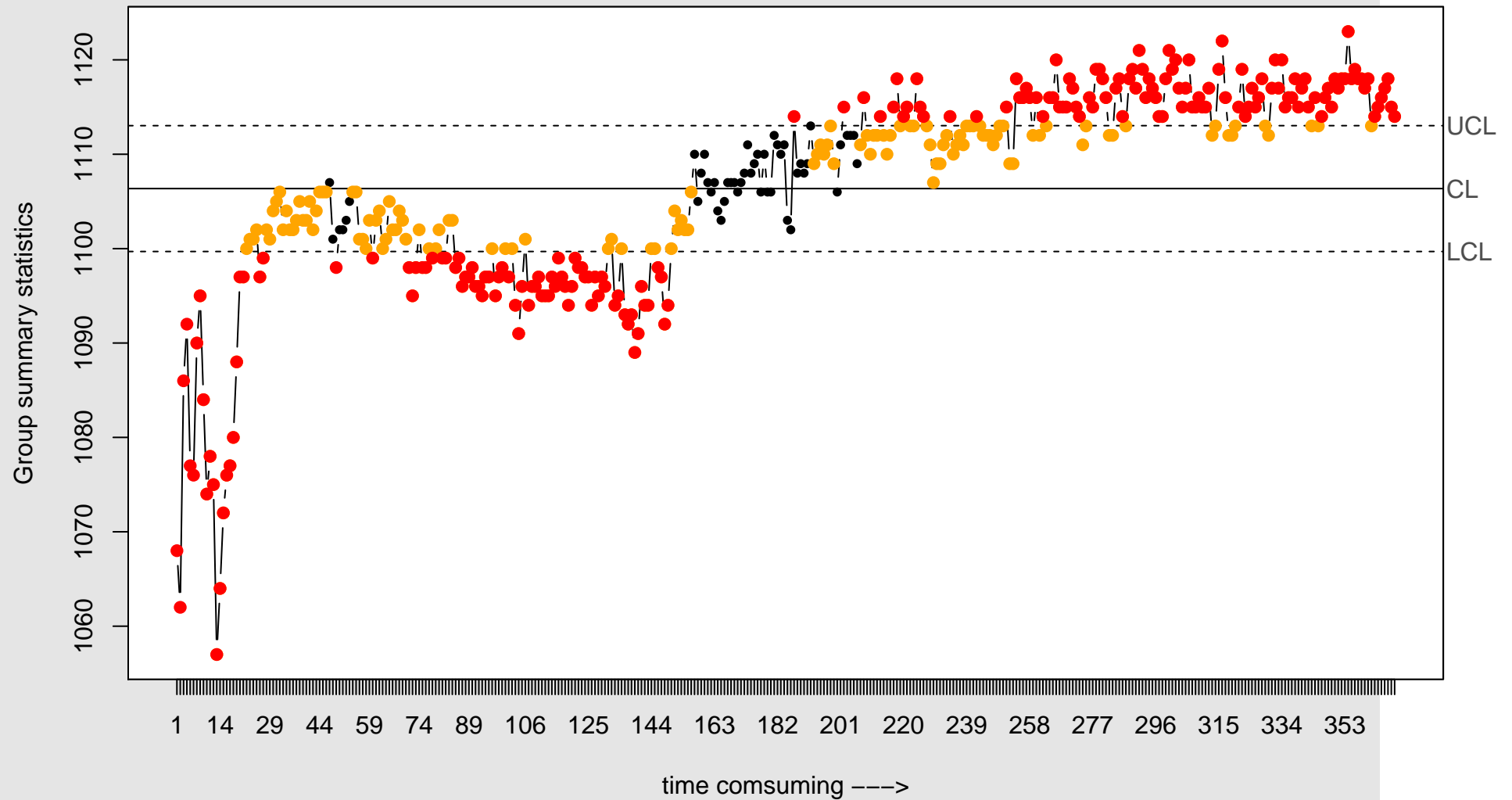
LCL = 1098.395

UCL = 1111.845

Number beyond limits = 227

Number violating runs = 326

16th column point of this product



Number of groups = 368

Center = 1106.361

StdDev = 2.222351

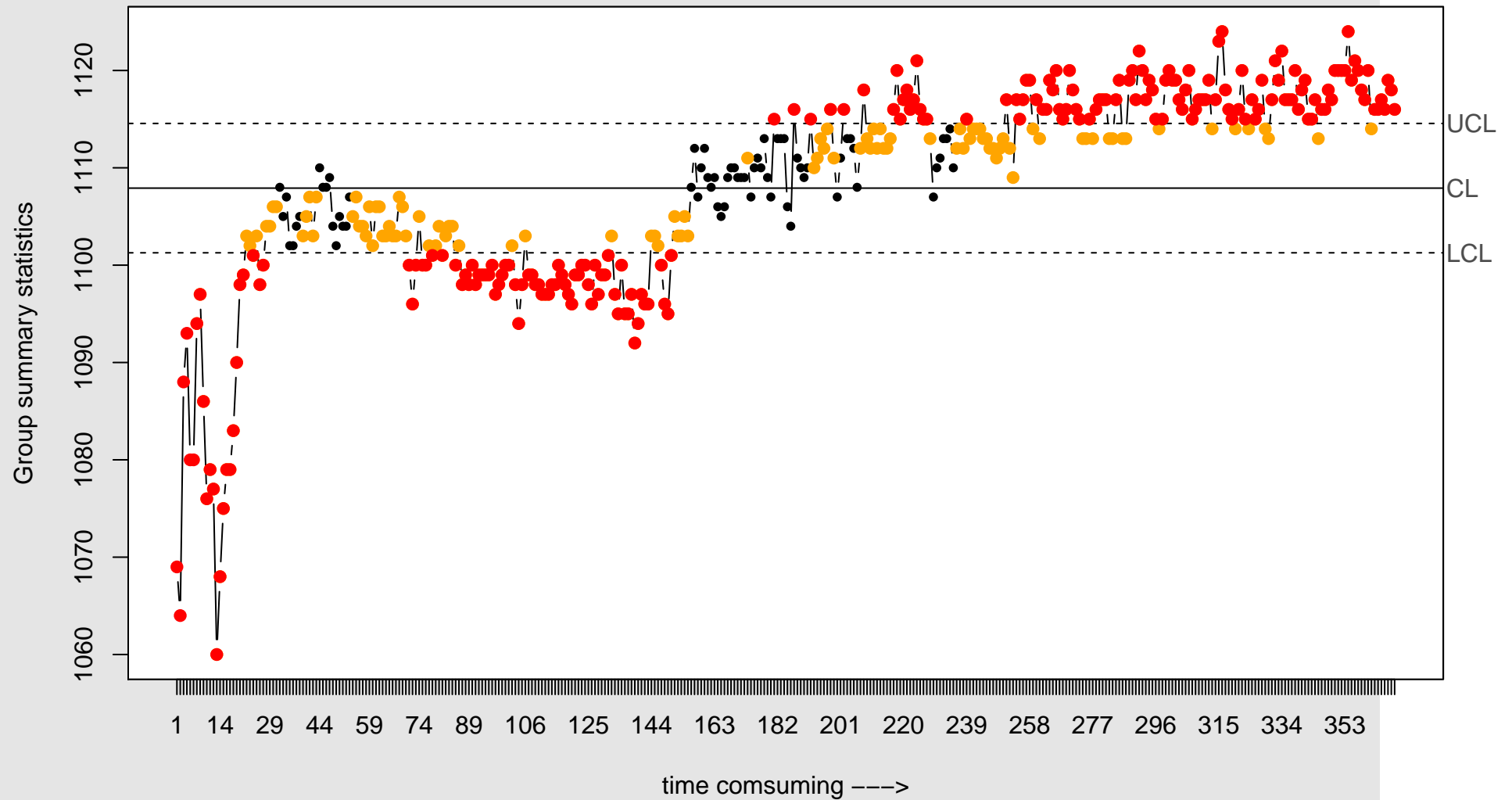
LCL = 1099.694

UCL = 1113.028

Number beyond limits = 200

Number violating runs = 312

17th column point of this product



Number of groups = 368

Center = 1107.913

StdDev = 2.215104

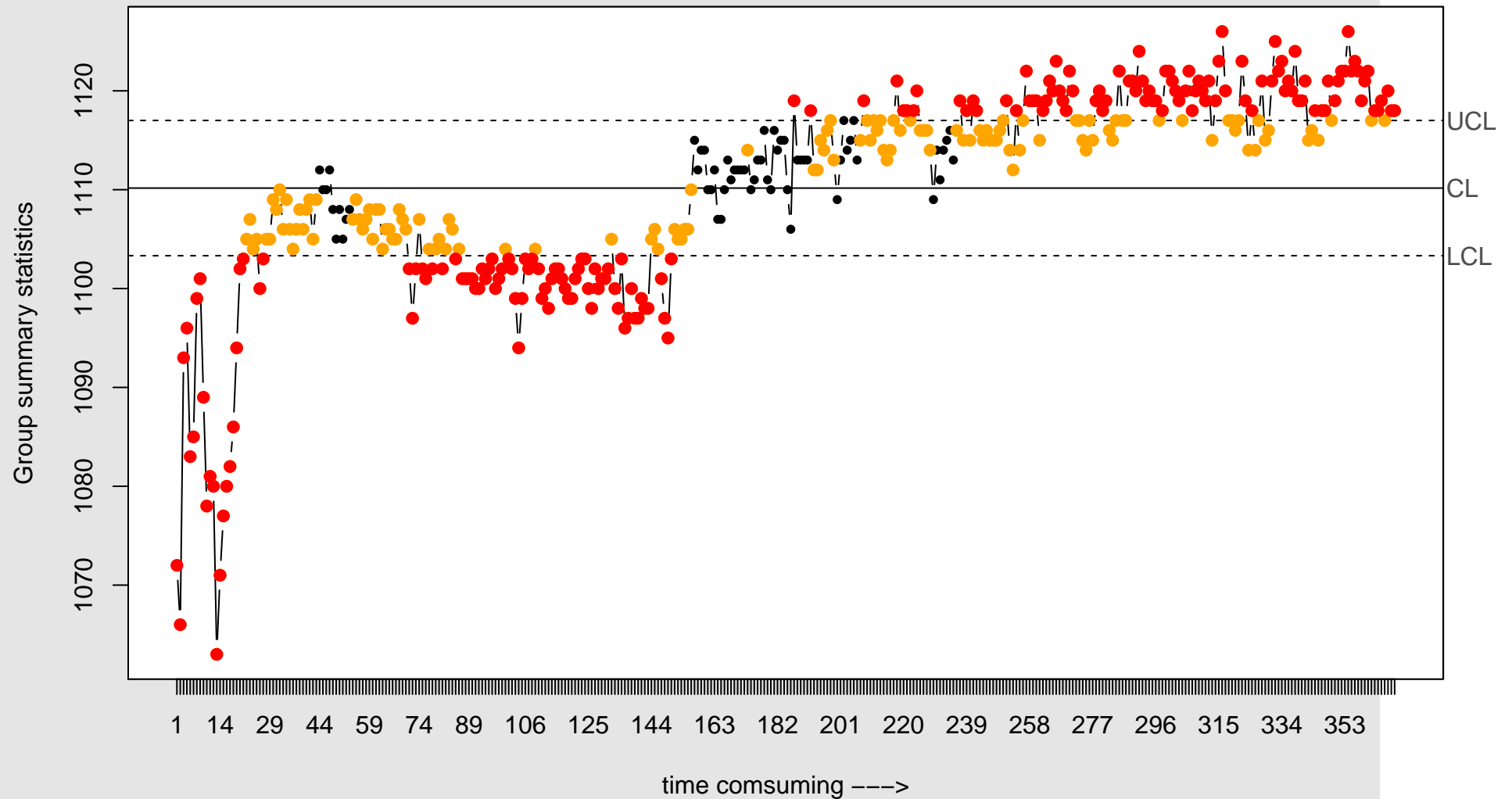
LCL = 1101.268

UCL = 1114.558

Number beyond limits = 207

Number violating runs = 295

18th column point of this product



Number of groups = 368

Center = 1110.163

StdDev = 2.280325

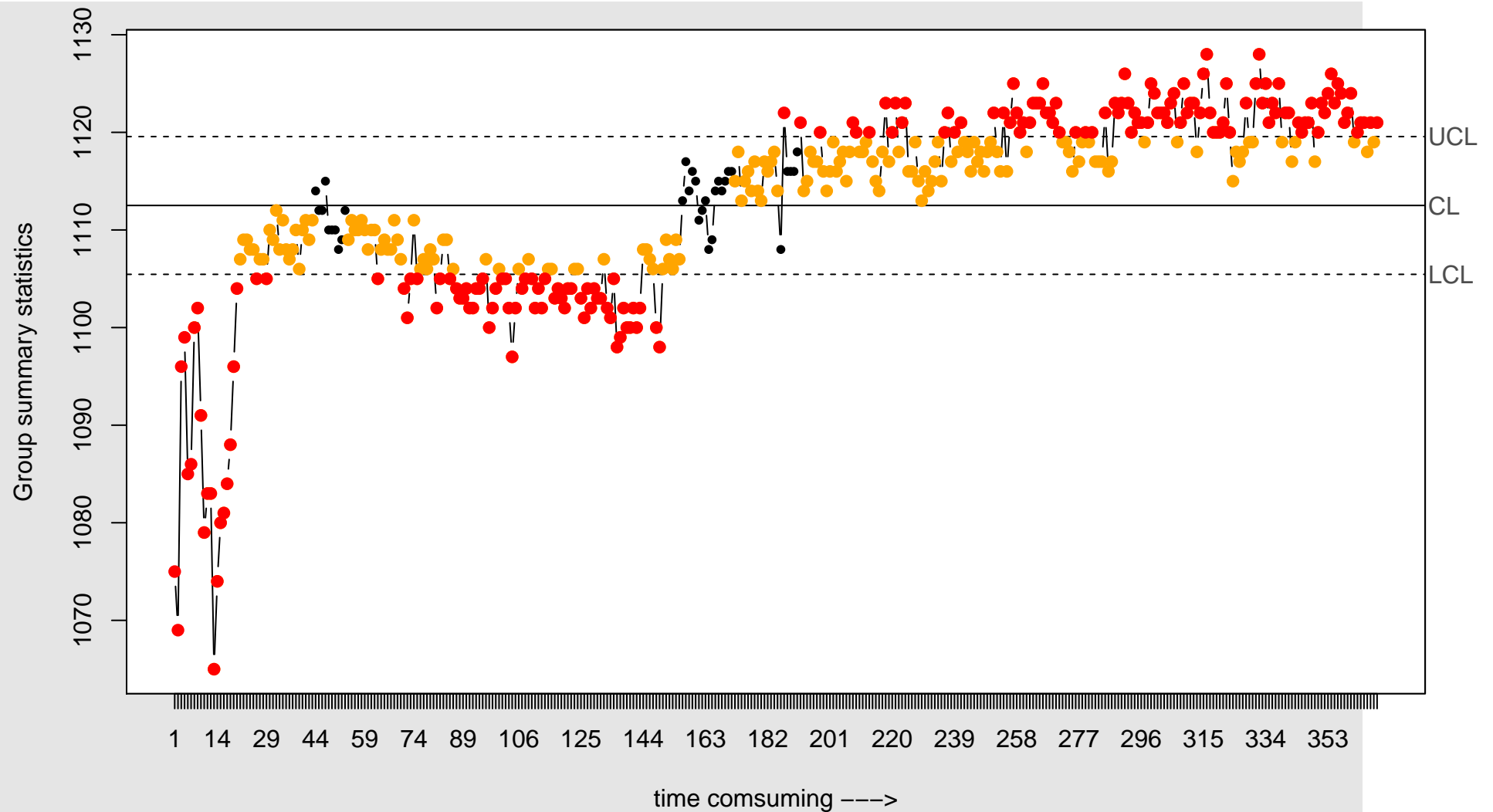
LCL = 1103.322

UCL = 1117.004

Number beyond limits = 185

Number violating runs = 303

19th column point of this product



Number of groups = 368

Center = 1112.511

StdDev = 2.352793

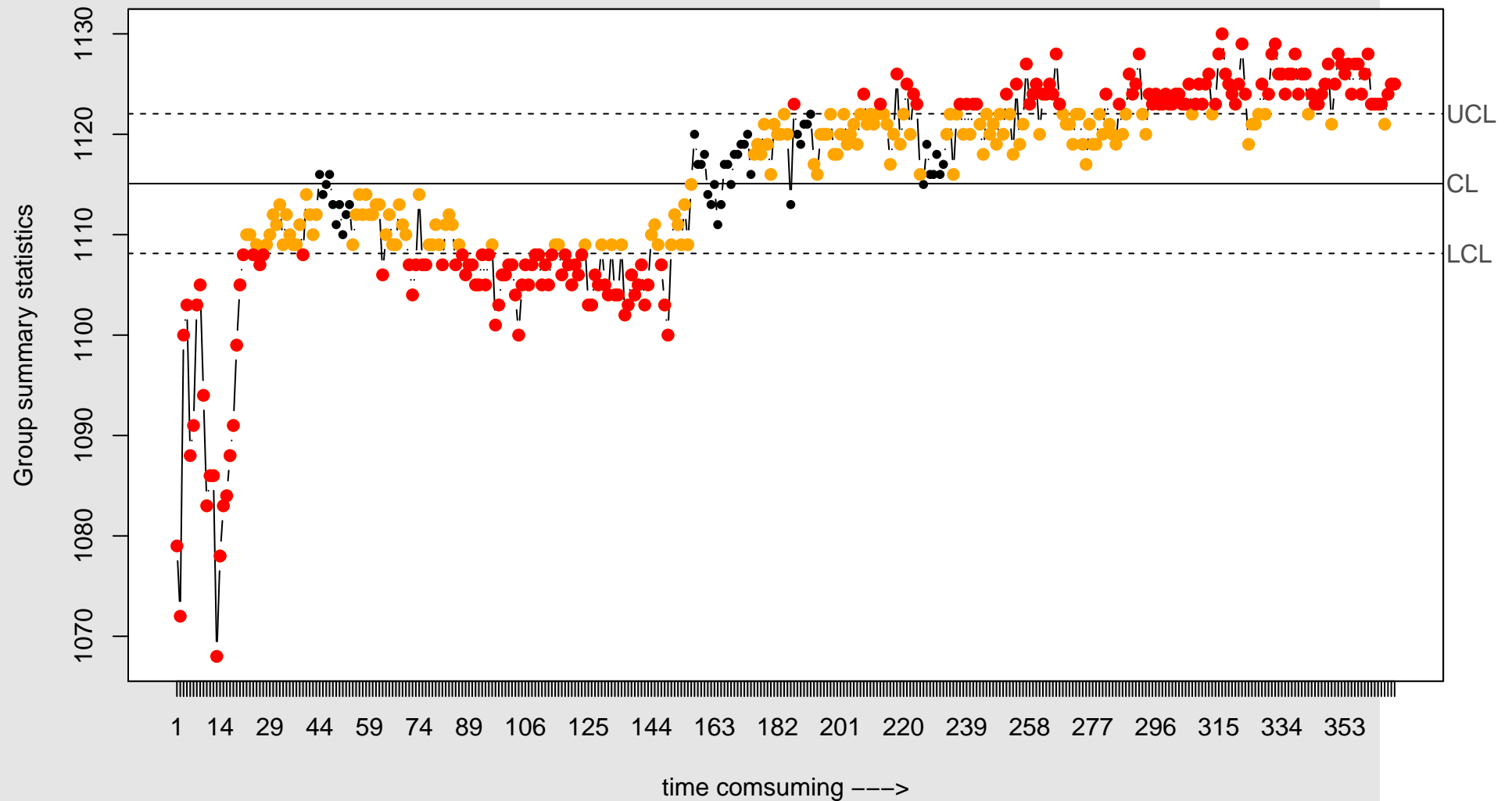
LCL = 1105.452

UCL = 1119.569

Number beyond limits = 181

Number violating runs = 329

20th column point of this product



Number of groups = 368

Center = 1115.087

StdDev = 2.318975

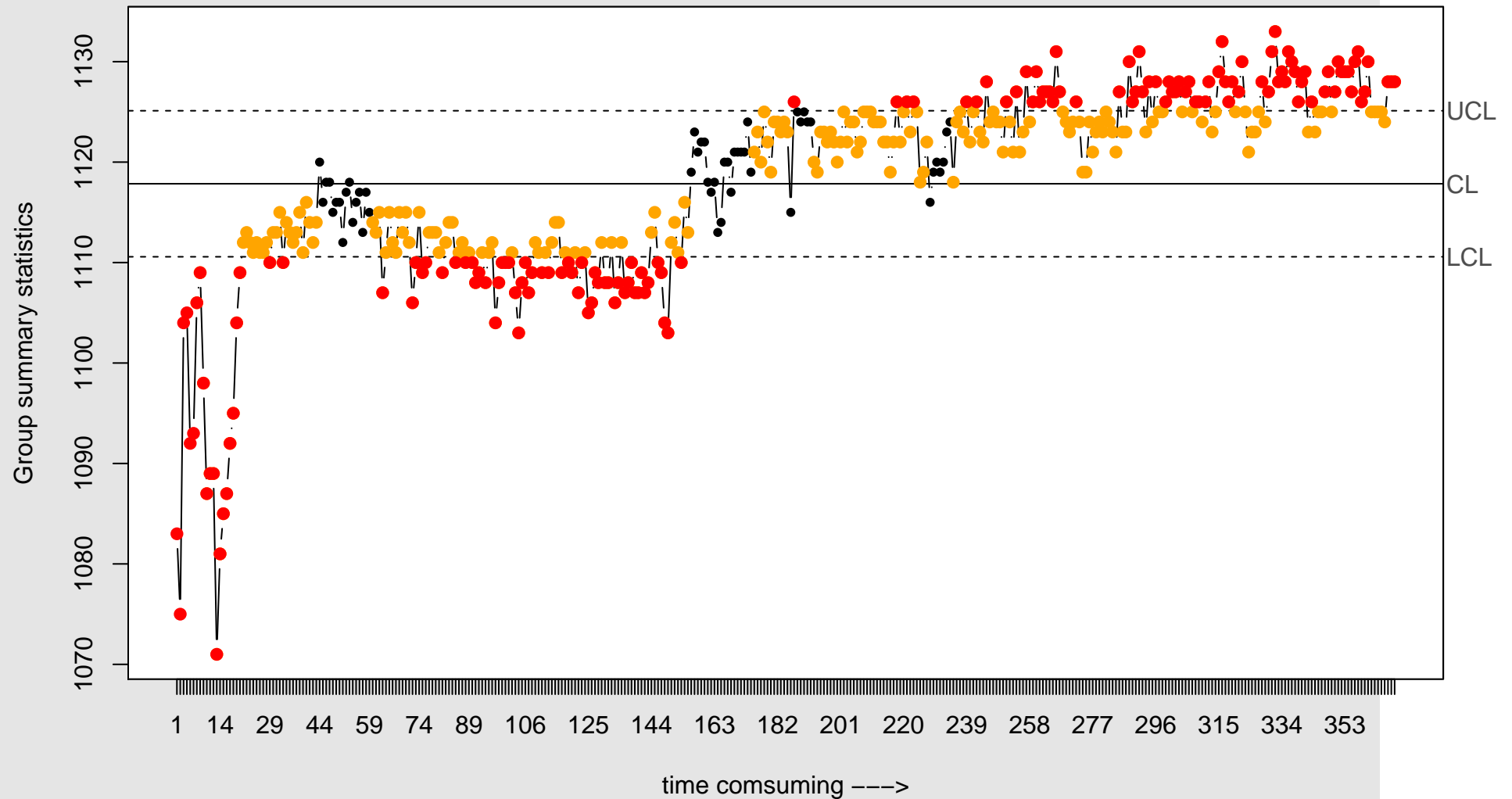
LCL = 1108.13

UCL = 1122.044

Number beyond limits = 180

Number violating runs = 320

21th column point of this product



Number of groups = 368

Center = 1117.845

StdDev = 2.422846

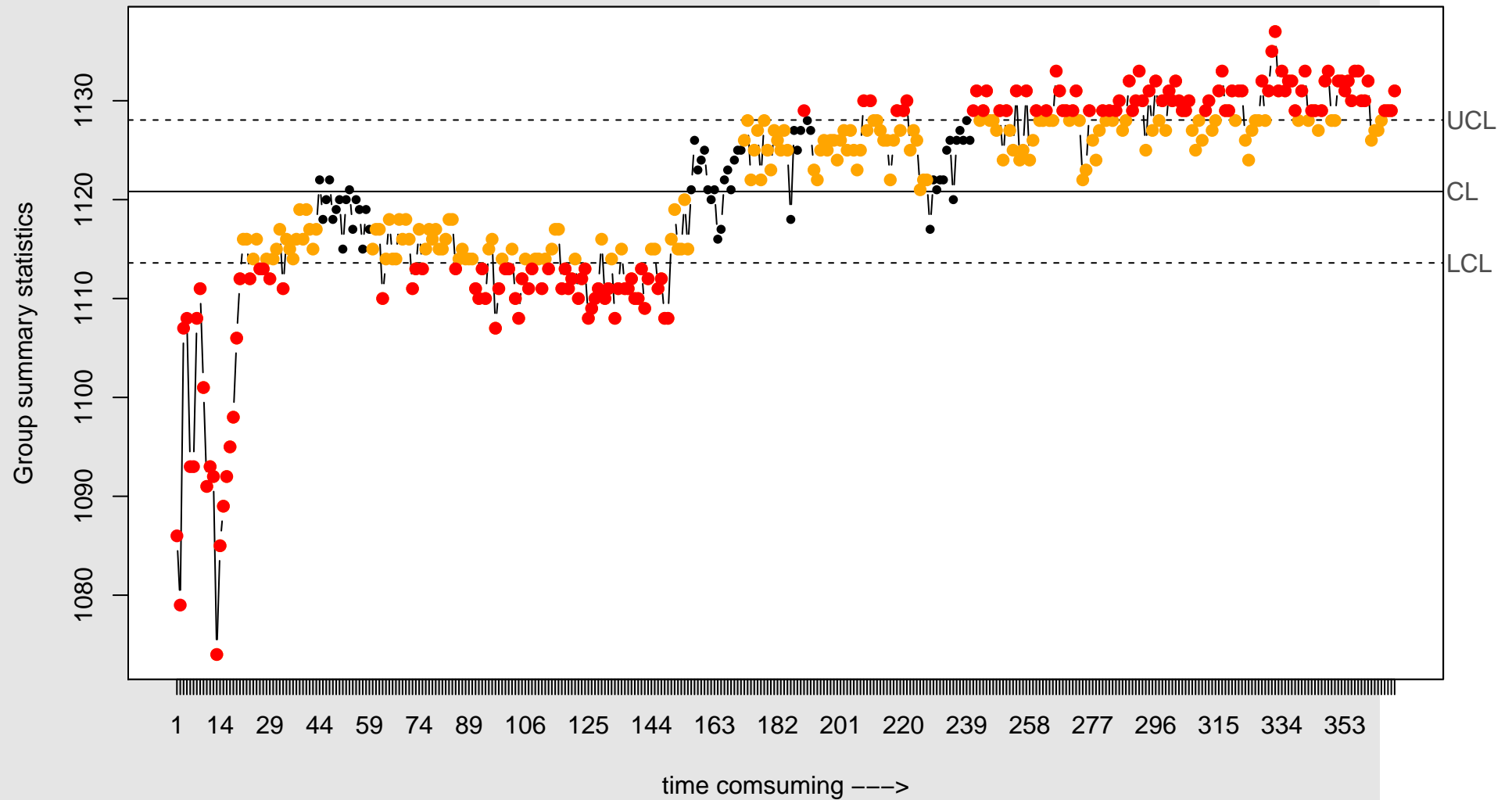
LCL = 1110.577

UCL = 1125.114

Number beyond limits = 149

Number violating runs = 313

22th column point of this product



Number of groups = 368

Center = 1120.826

StdDev = 2.408352

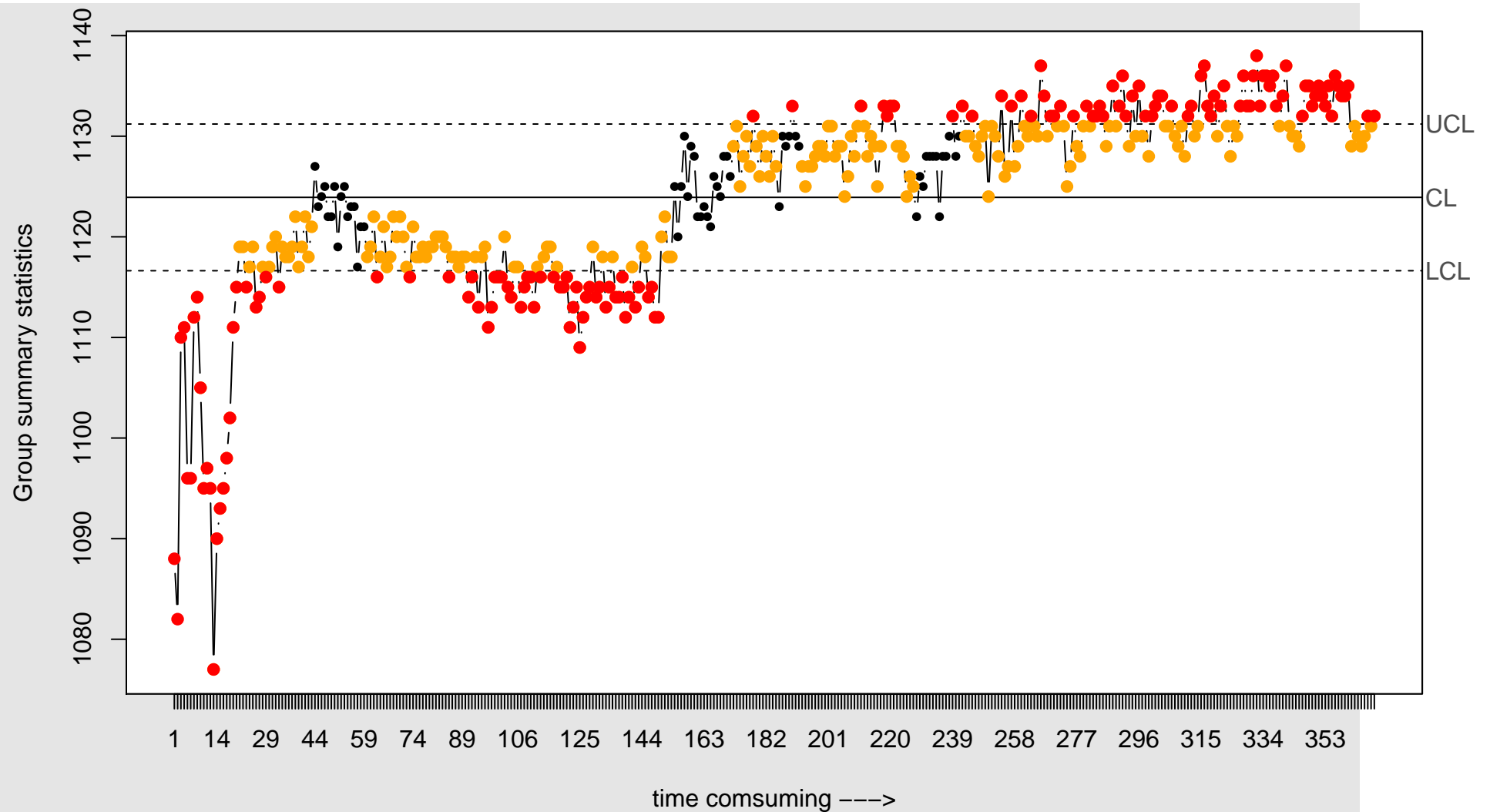
LCL = 1113.601

UCL = 1128.051

Number beyond limits = 154

Number violating runs = 309

23th column point of this product



Number of groups = 368

Center = 1123.921

StdDev = 2.430093

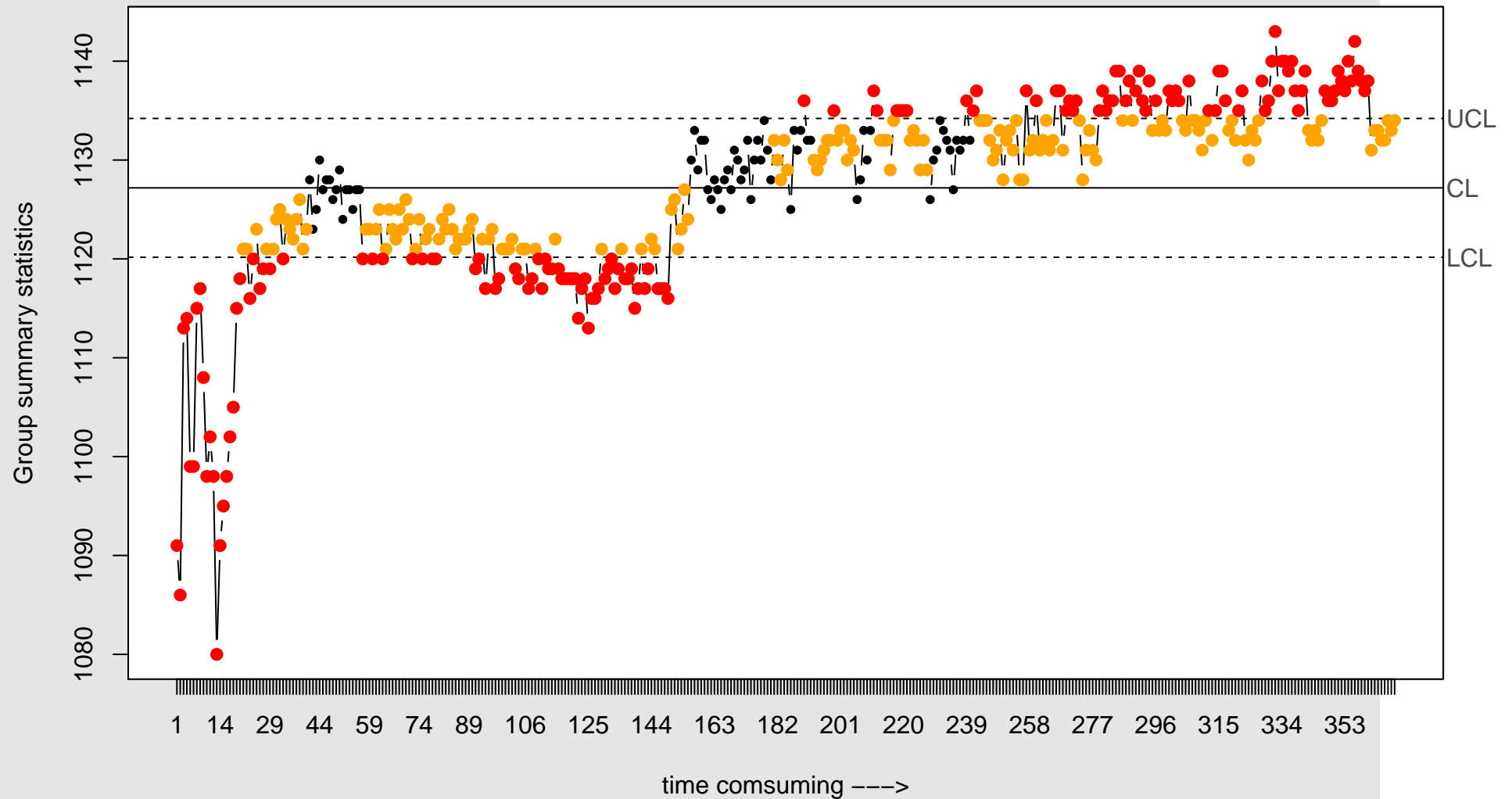
LCL = 1116.631

UCL = 1131.211

Number beyond limits = 147

Number violating runs = 307

24th column point of this product



Number of groups = 368

Center = 1127.185

StdDev = 2.340715

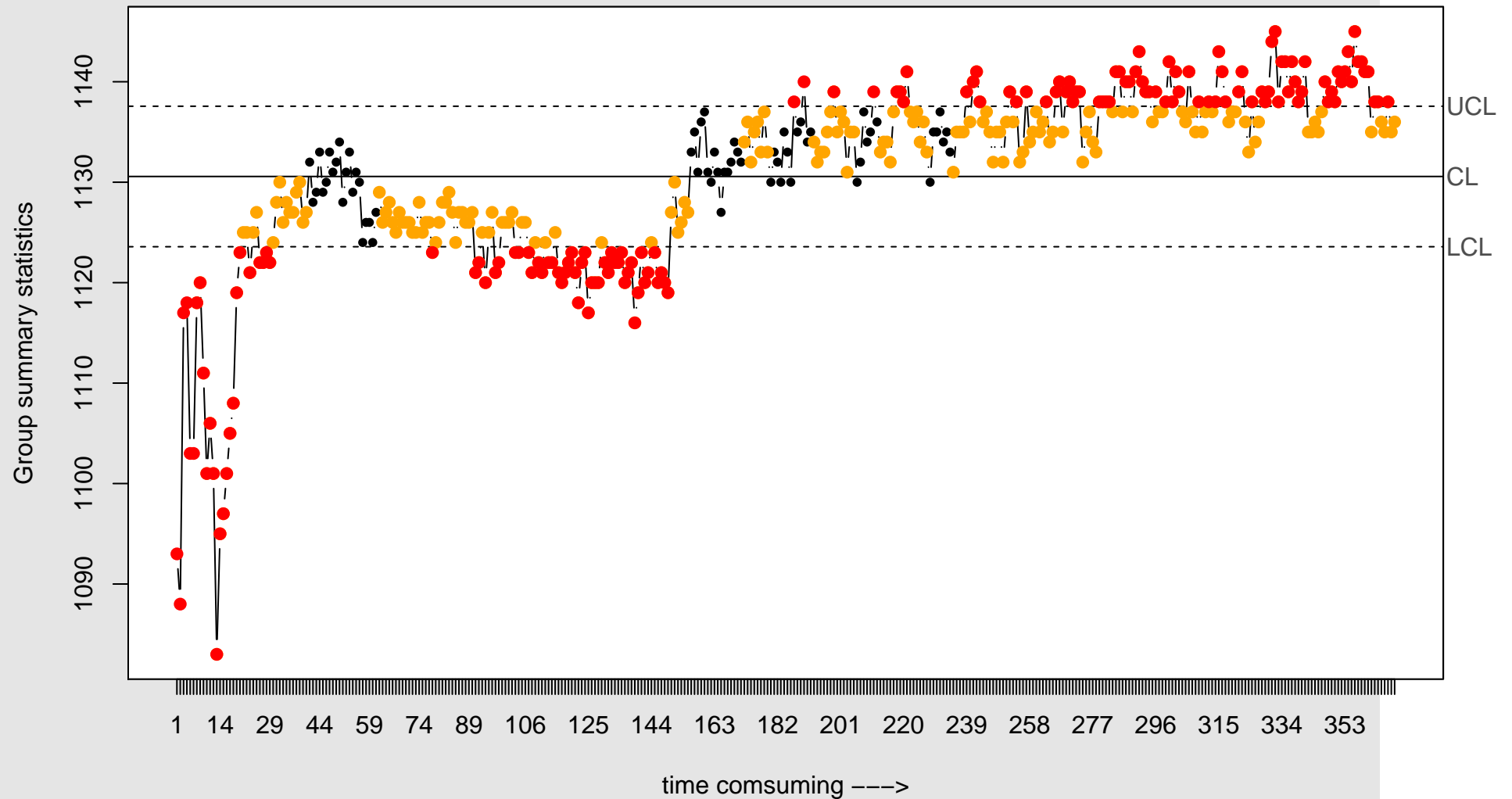
LCL = 1120.163

UCL = 1134.207

Number beyond limits = 150

Number violating runs = 293

25th column point of this product



Number of groups = 368

Center = 1130.571

StdDev = 2.331053

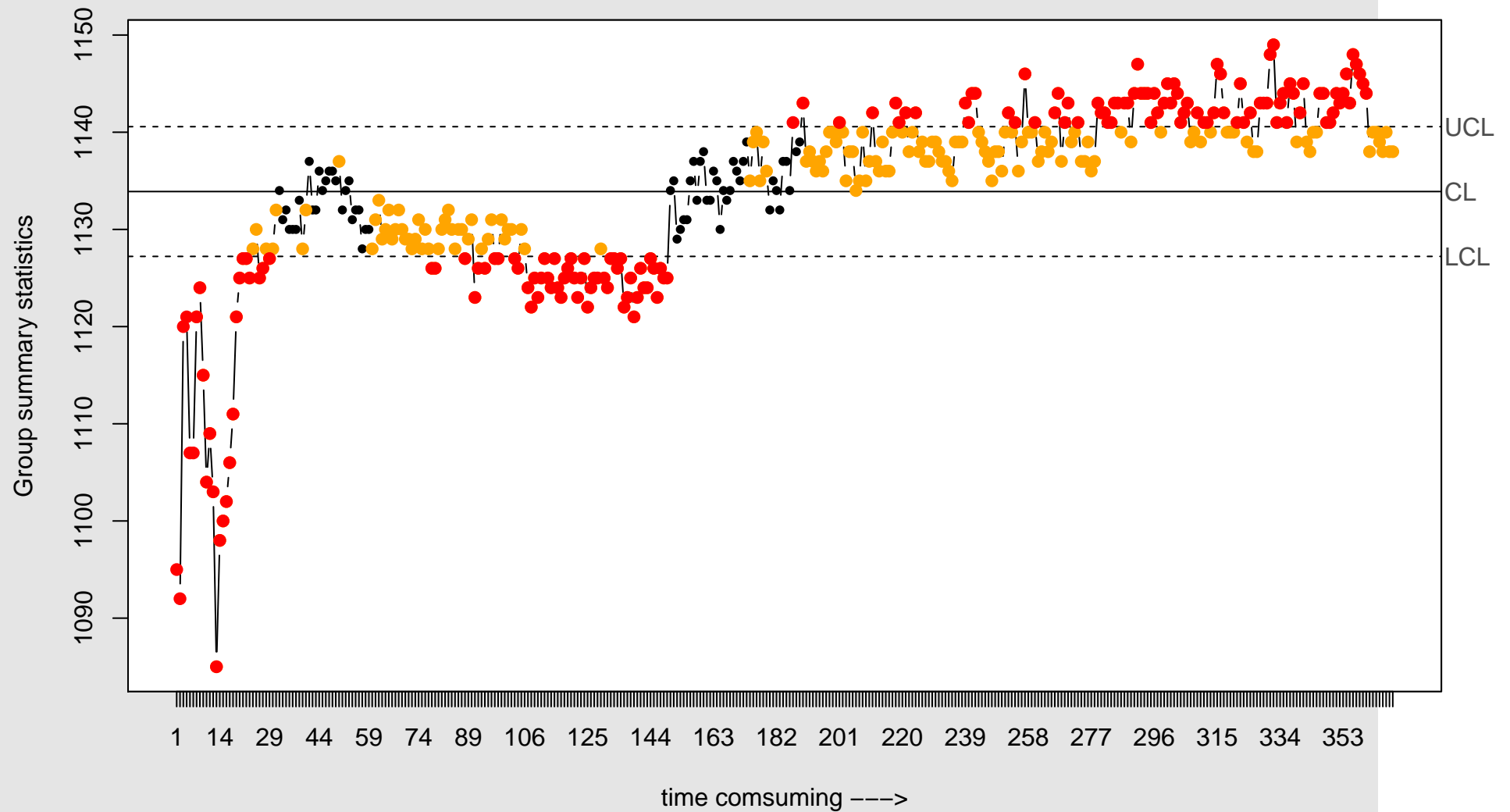
LCL = 1123.577

UCL = 1137.564

Number beyond limits = 154

Number violating runs = 298

26th column point of this product



Number of groups = 368

Center = 1133.897

StdDev = 2.224767

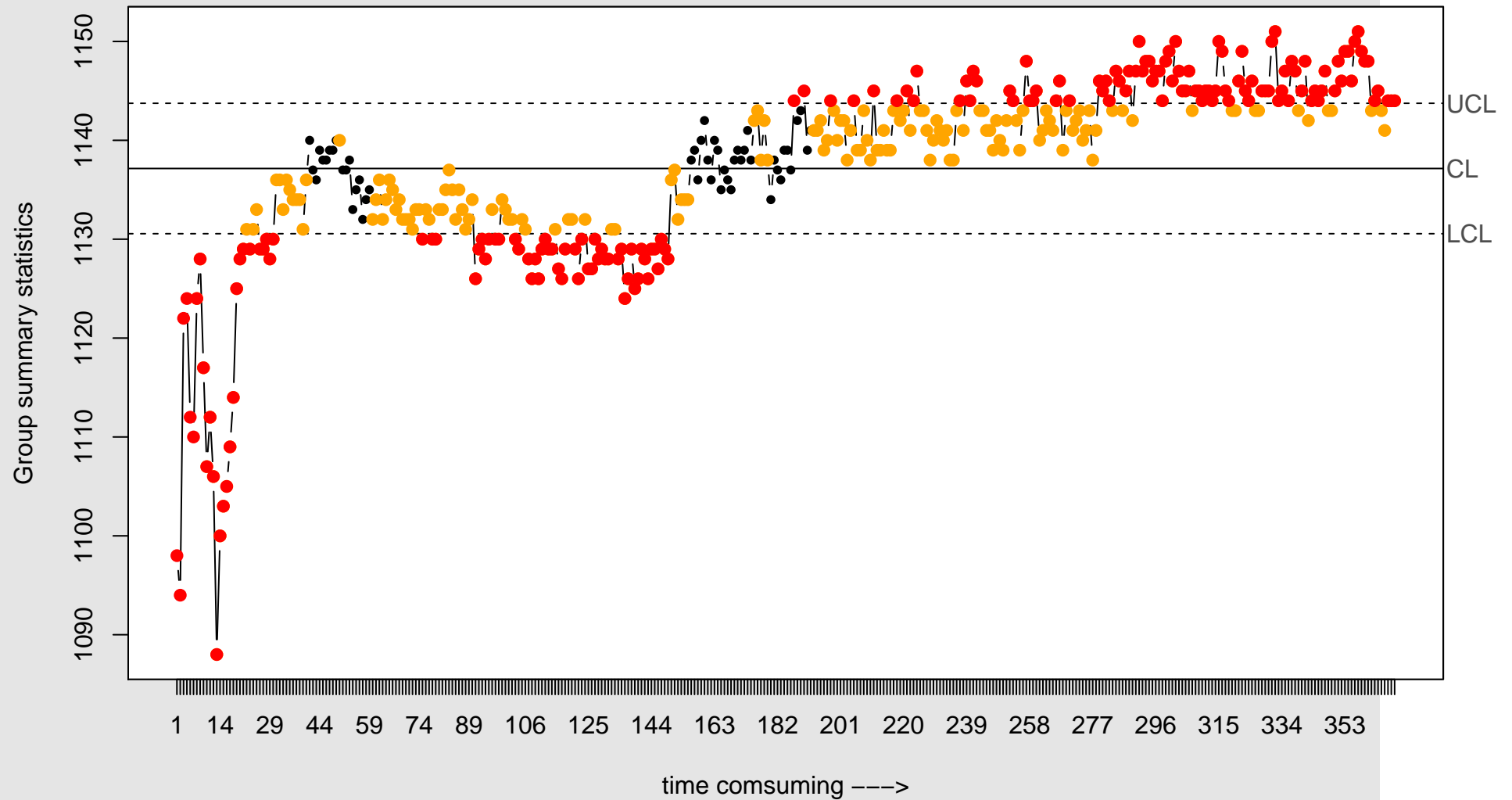
LCL = 1127.222

UCL = 1140.571

Number beyond limits = 163

Number violating runs = 303

27th column point of this product



Number of groups = 368

Center = 1137.149

StdDev = 2.198195

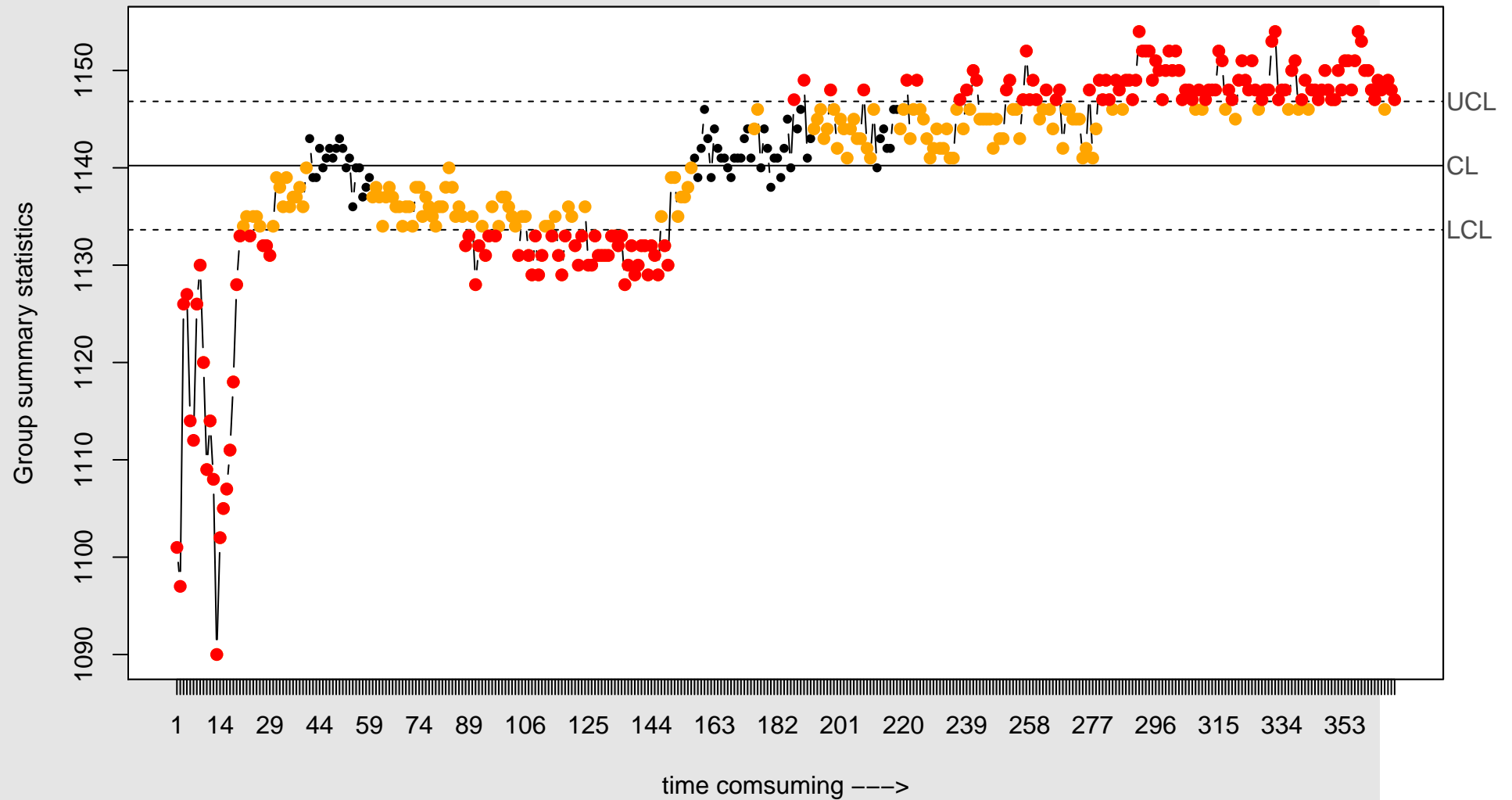
LCL = 1130.555

UCL = 1143.744

Number beyond limits = 174

Number violating runs = 312

28th column point of this product



Number of groups = 368

Center = 1140.228

StdDev = 2.198195

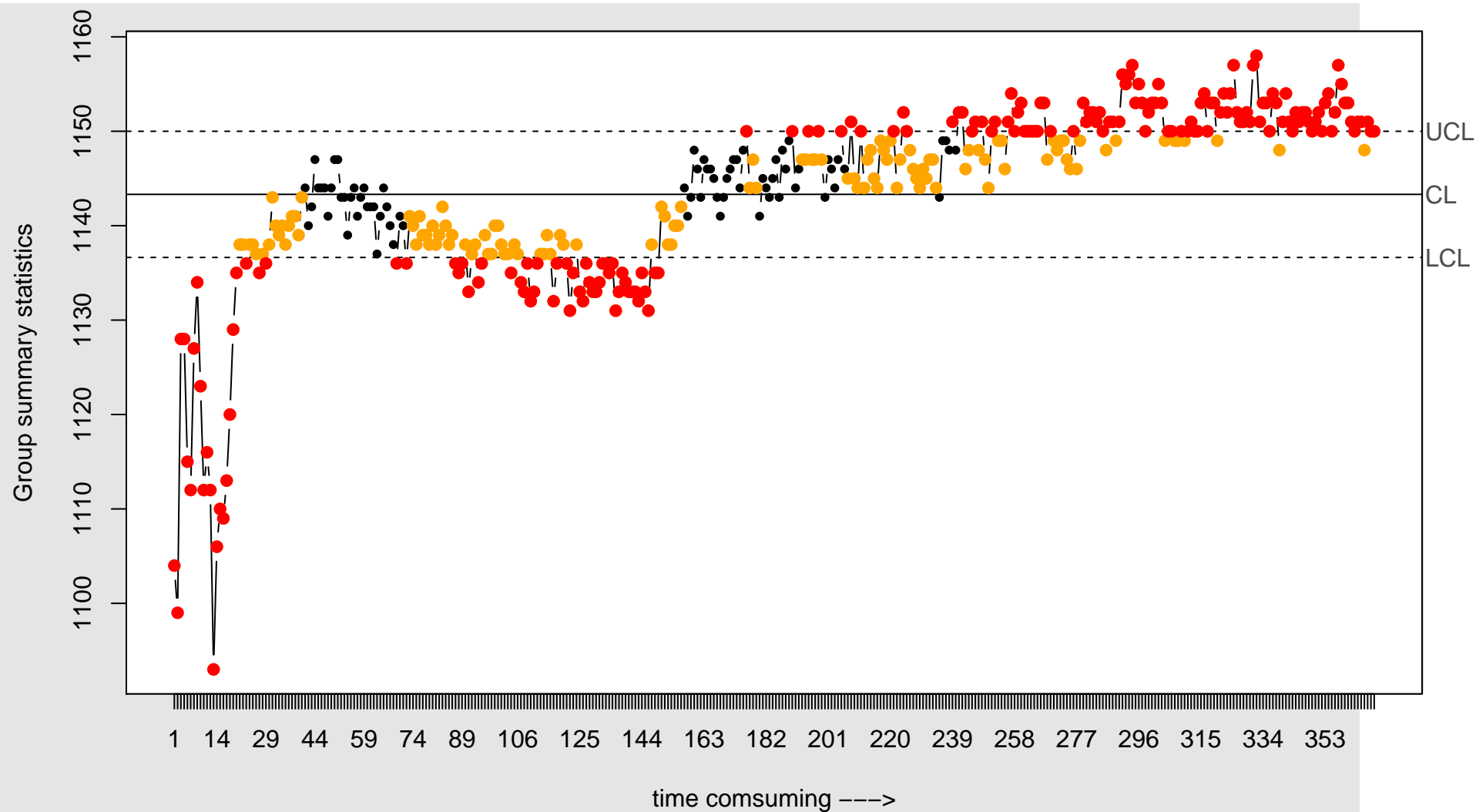
LCL = 1133.634

UCL = 1146.823

Number beyond limits = 168

Number violating runs = 302

29th column point of this product



Number of groups = 368

Center = 1143.315

StdDev = 2.227182

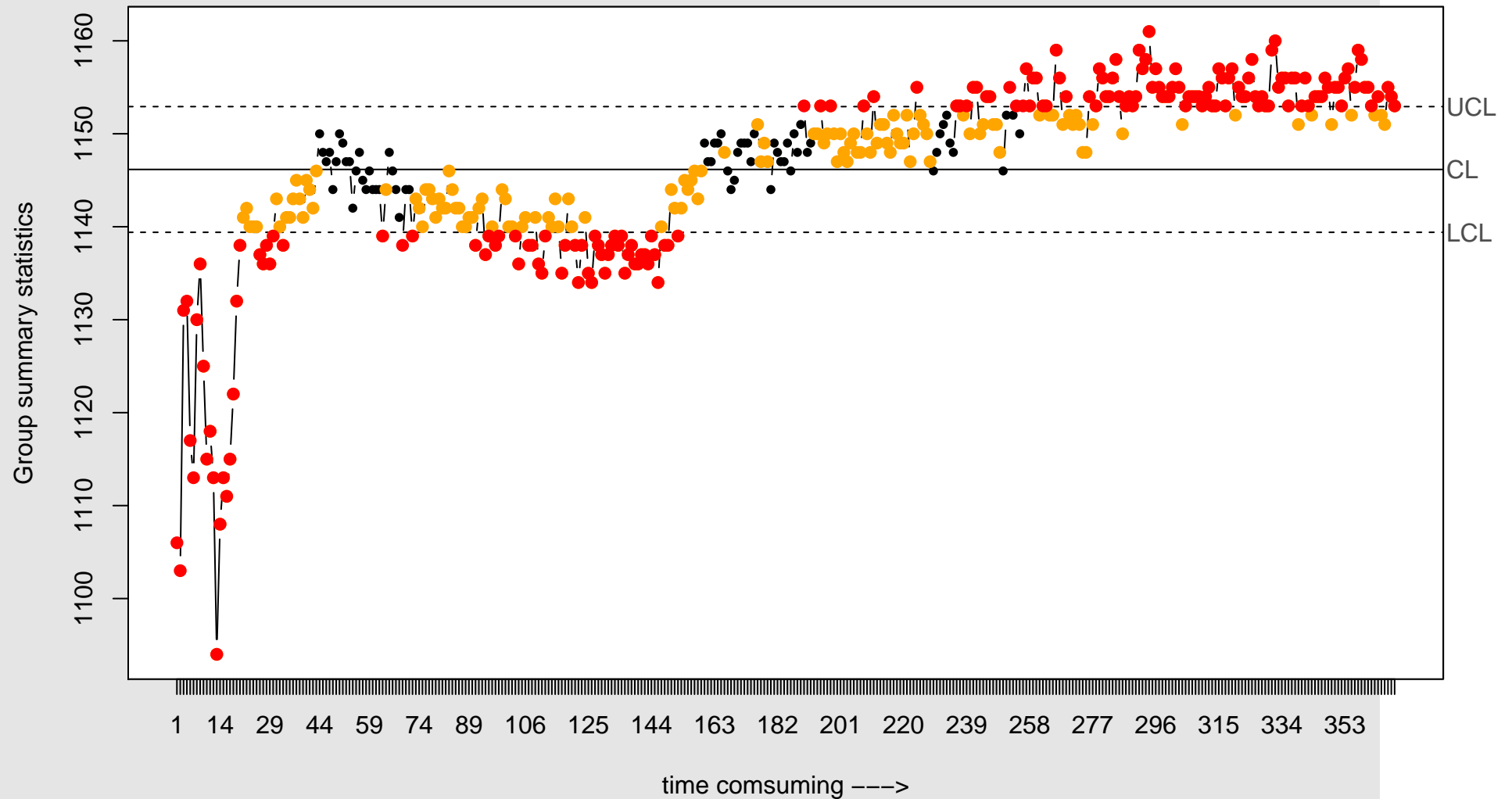
LCL = 1136.634

UCL = 1149.997

Number beyond limits = 180

Number violating runs = 285

30th column point of this product



Number of groups = 368

Center = 1146.163

StdDev = 2.253754

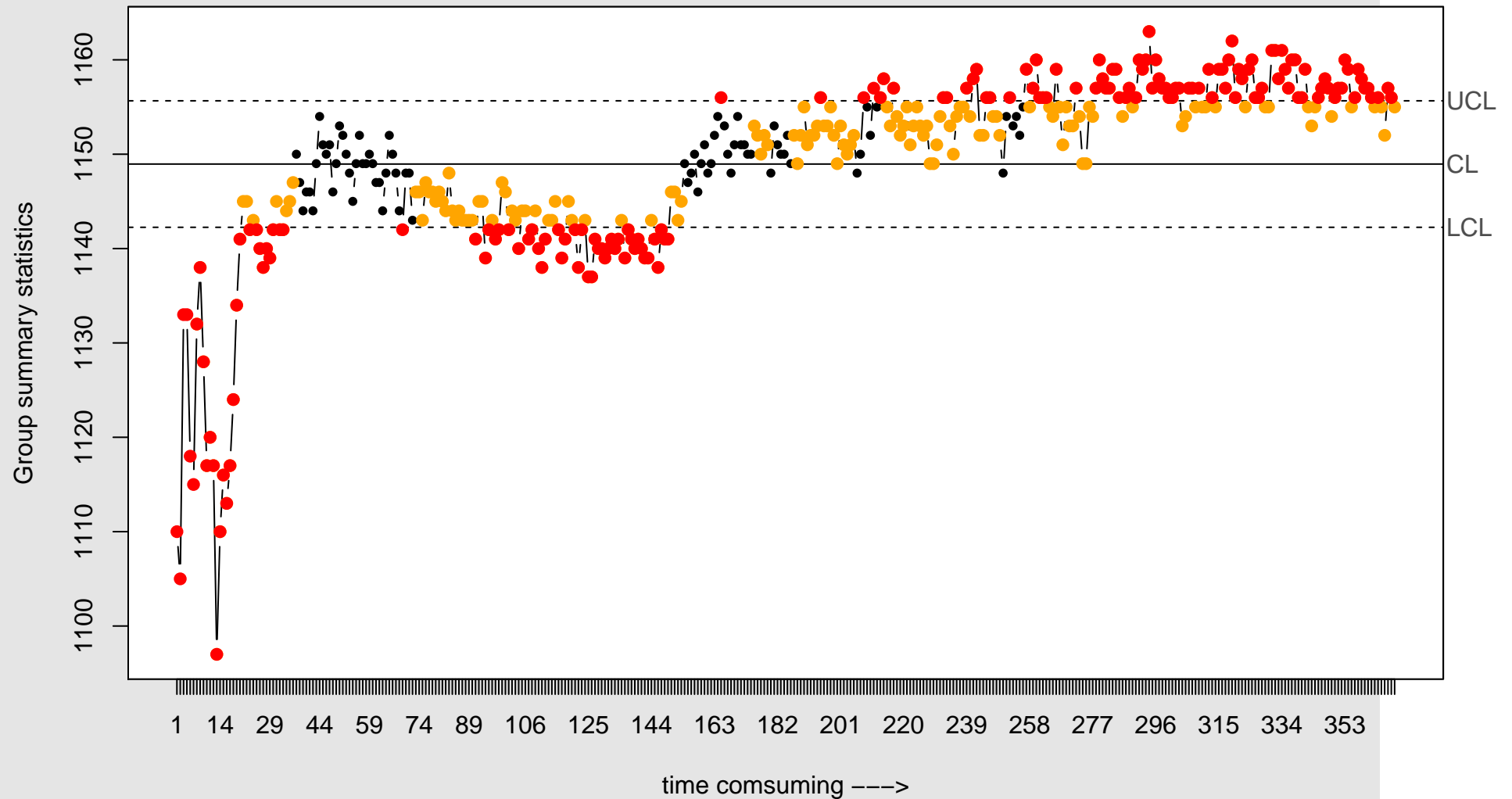
LCL = 1139.402

UCL = 1152.924

Number beyond limits = 178

Number violating runs = 294

31th column point of this product



Number of groups = 368

Center = 1148.957

StdDev = 2.234429

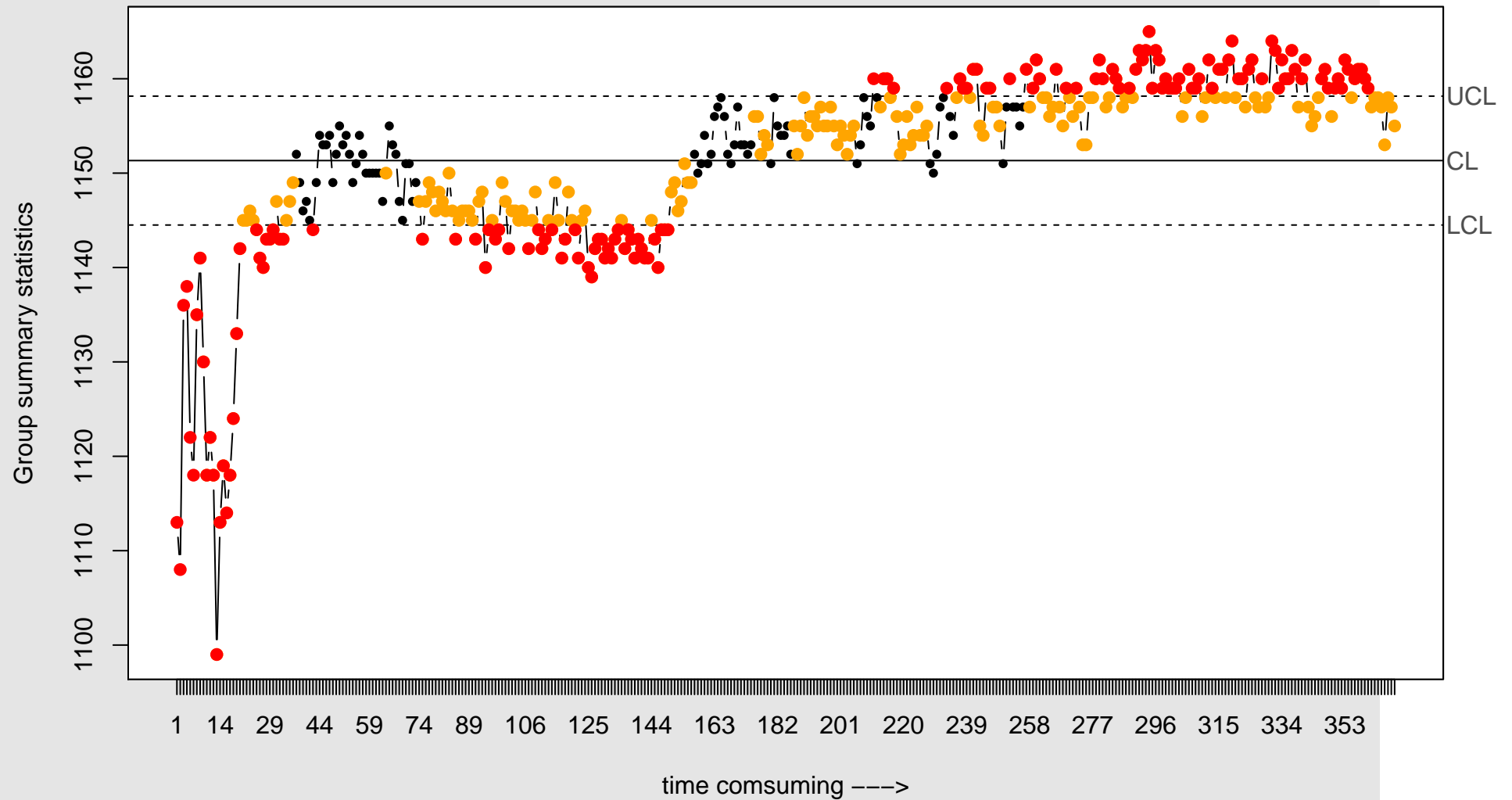
LCL = 1142.253

UCL = 1155.66

Number beyond limits = 165

Number violating runs = 284

32th column point of this product



Number of groups = 368

Center = 1151.329

StdDev = 2.275494

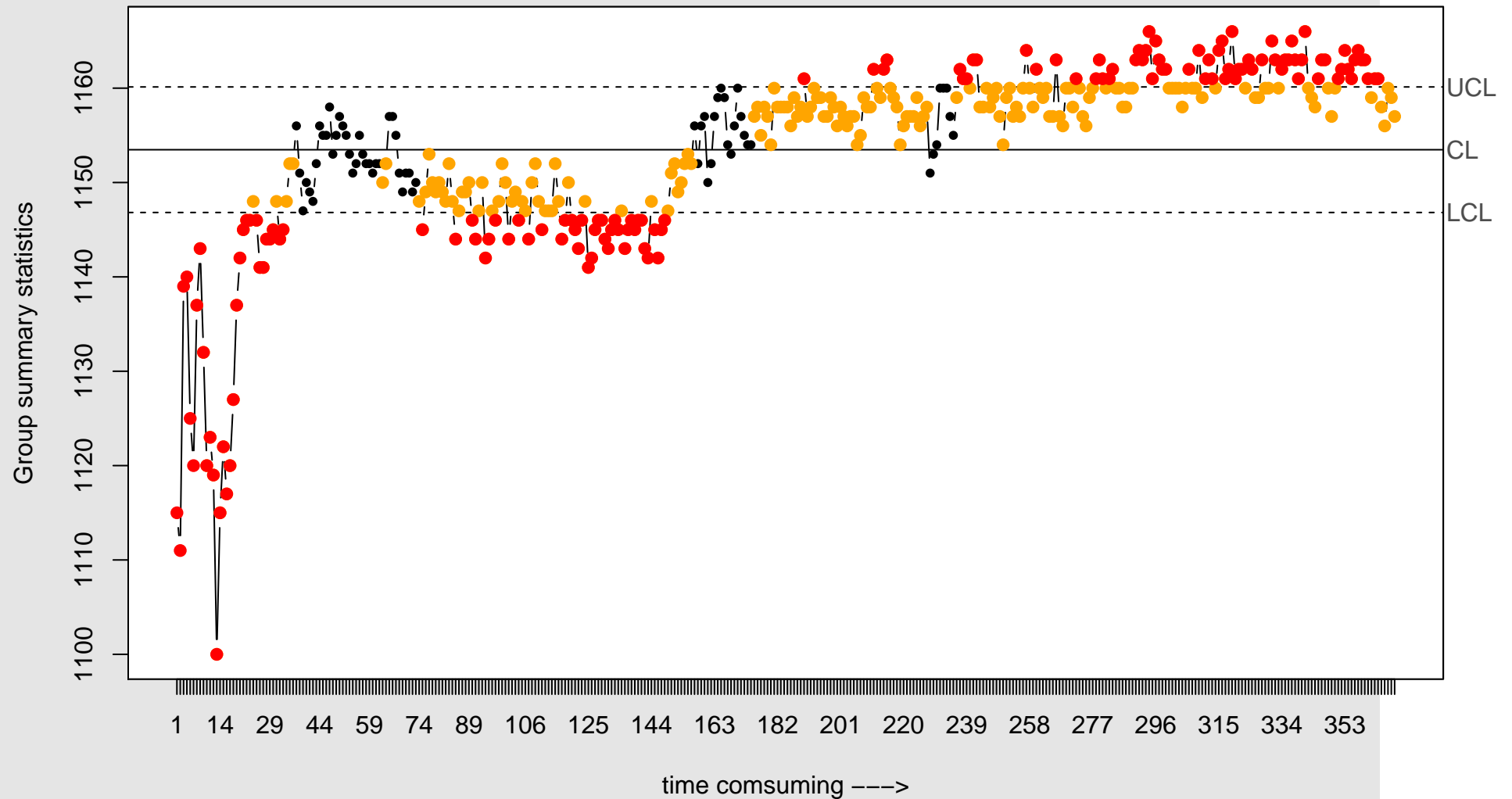
LCL = 1144.502

UCL = 1158.155

Number beyond limits = 148

Number violating runs = 279

33th column point of this product



Number of groups = 368

Center = 1153.476

StdDev = 2.21752

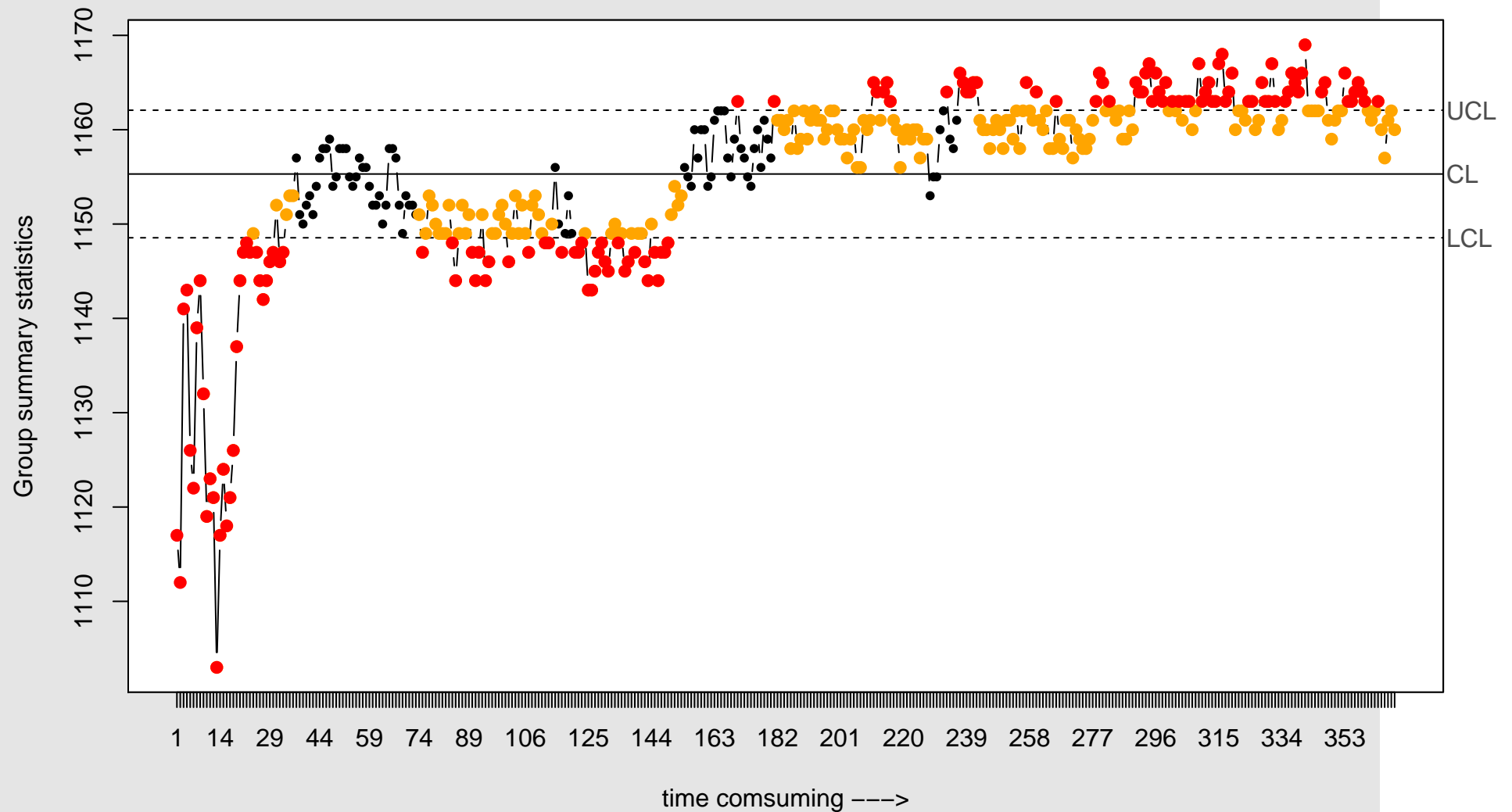
LCL = 1146.823

UCL = 1160.128

Number beyond limits = 139

Number violating runs = 301

34th column point of this product



Number of groups = 368

Center = 1155.304

StdDev = 2.253754

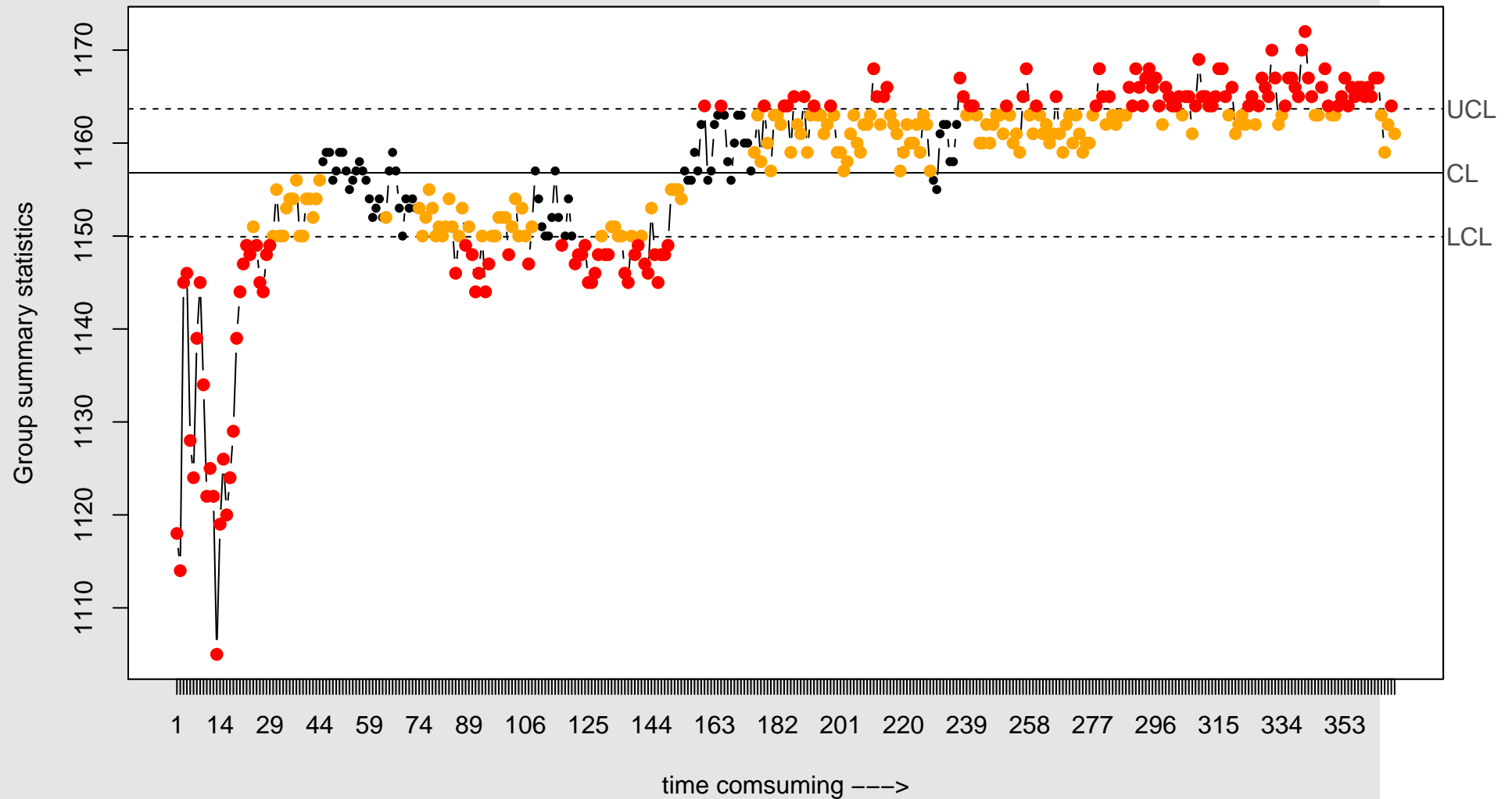
LCL = 1148.543

UCL = 1162.066

Number beyond limits = 135

Number violating runs = 282

35th column point of this product



Number of groups = 368

Center = 1156.802

StdDev = 2.292403

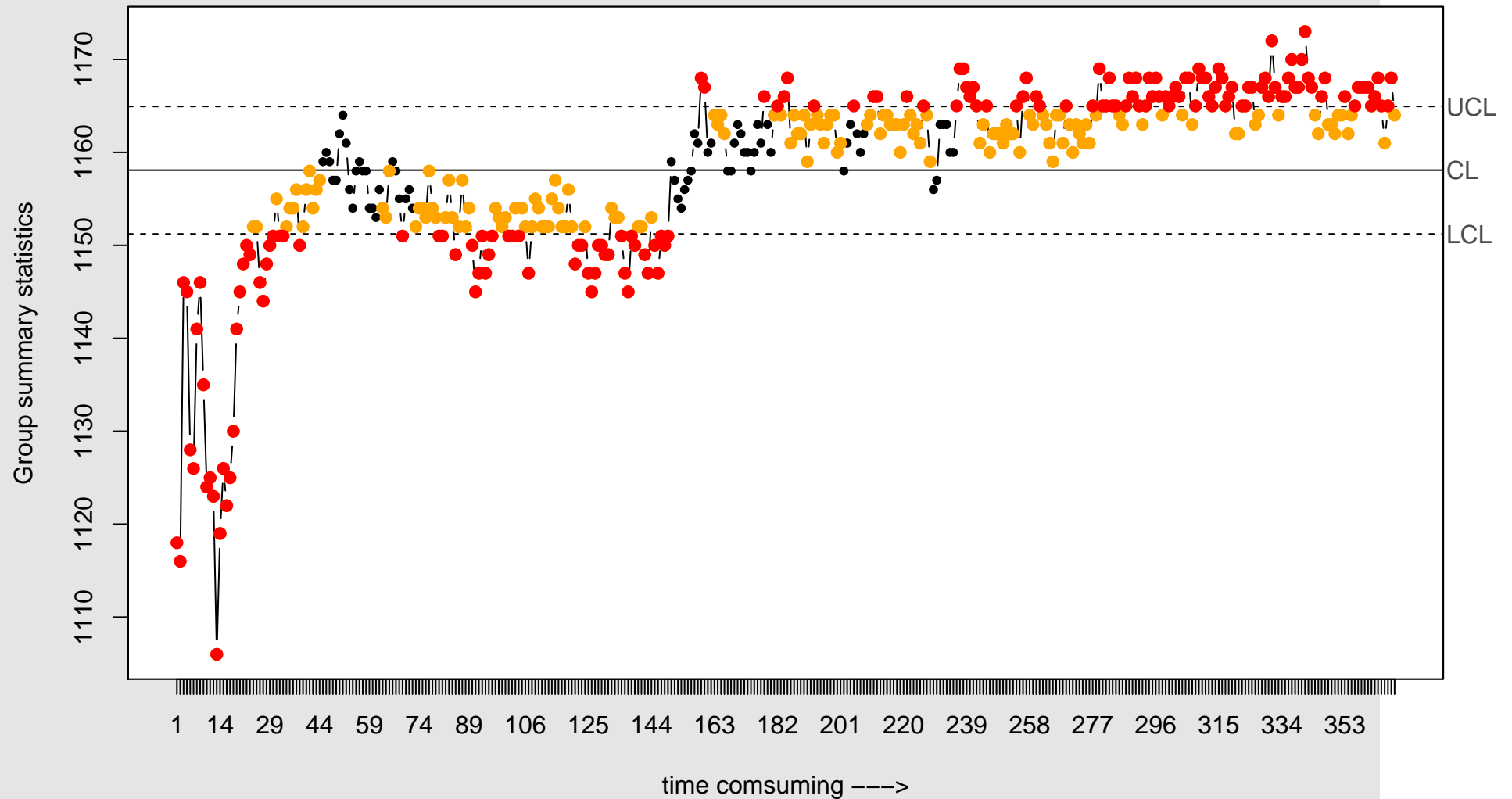
LCL = 1149.924

UCL = 1163.679

Number beyond limits = 147

Number violating runs = 292

36th column point of this product



Number of groups = 368

Center = 1158.084

StdDev = 2.285157

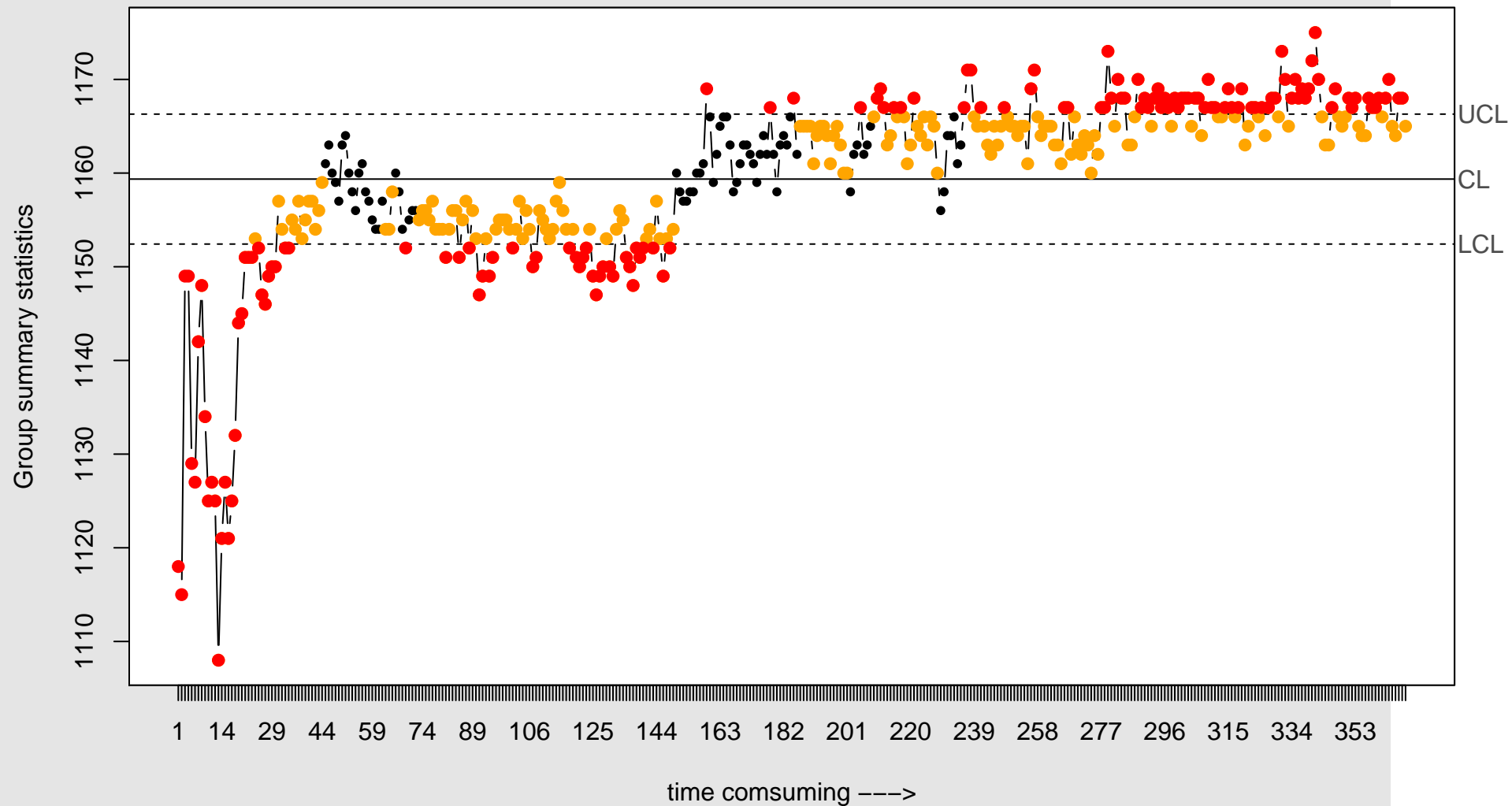
LCL = 1151.229

UCL = 1164.94

Number beyond limits = 163

Number violating runs = 295

37th column point of this product



Number of groups = 368

Center = 1159.359

StdDev = 2.311728

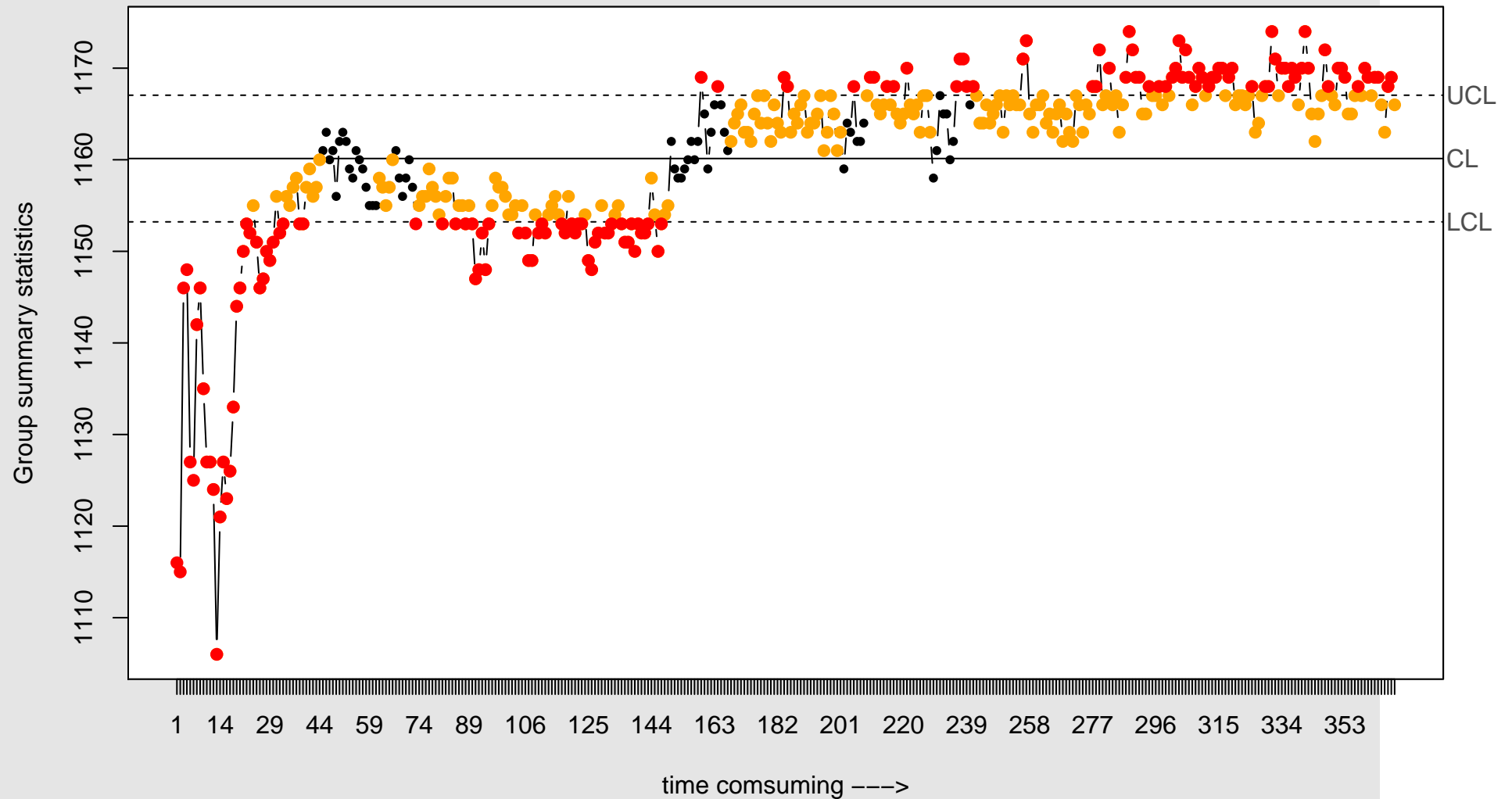
LCL = 1152.424

UCL = 1166.294

Number beyond limits = 143

Number violating runs = 285

38th column point of this product



Number of groups = 368

Center = 1160.133

StdDev = 2.304481

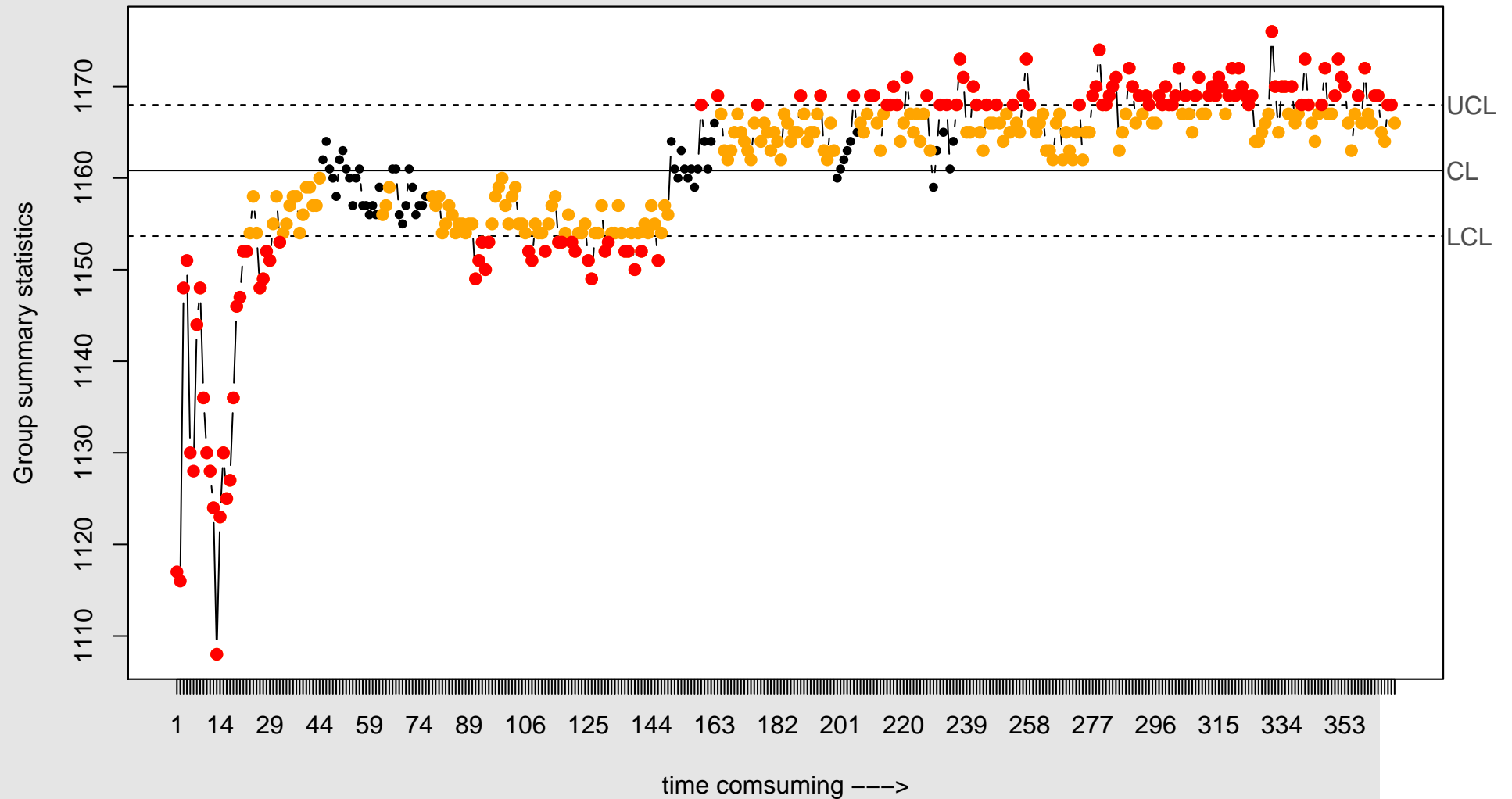
LCL = 1153.22

UCL = 1167.047

Number beyond limits = 144

Number violating runs = 301

39th column point of this product



Number of groups = 368

Center = 1160.826

StdDev = 2.389027

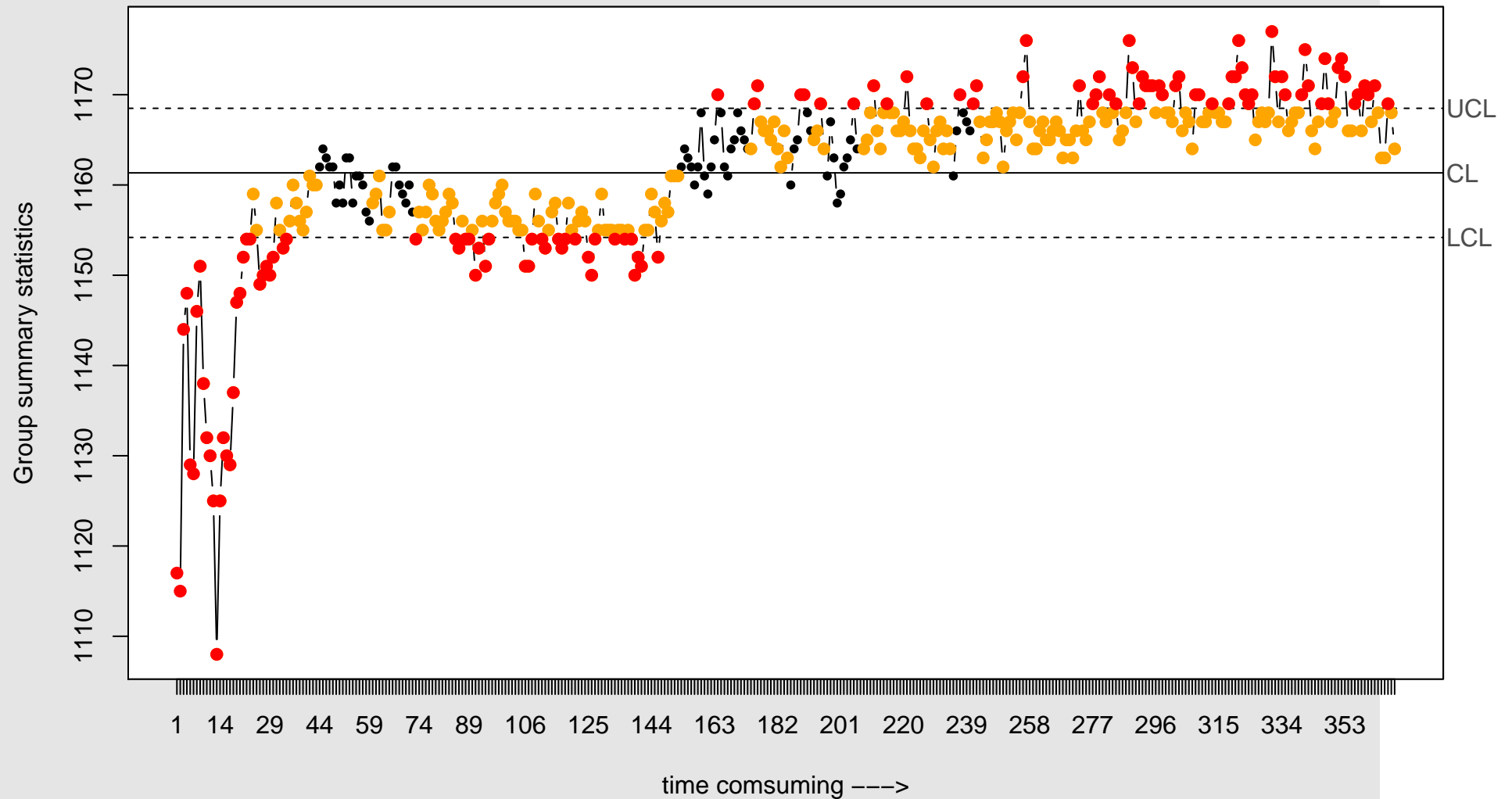
LCL = 1153.659

UCL = 1167.993

Number beyond limits = 132

Number violating runs = 304

40th column point of this product



Number of groups = 368

Center = 1161.34

StdDev = 2.384196

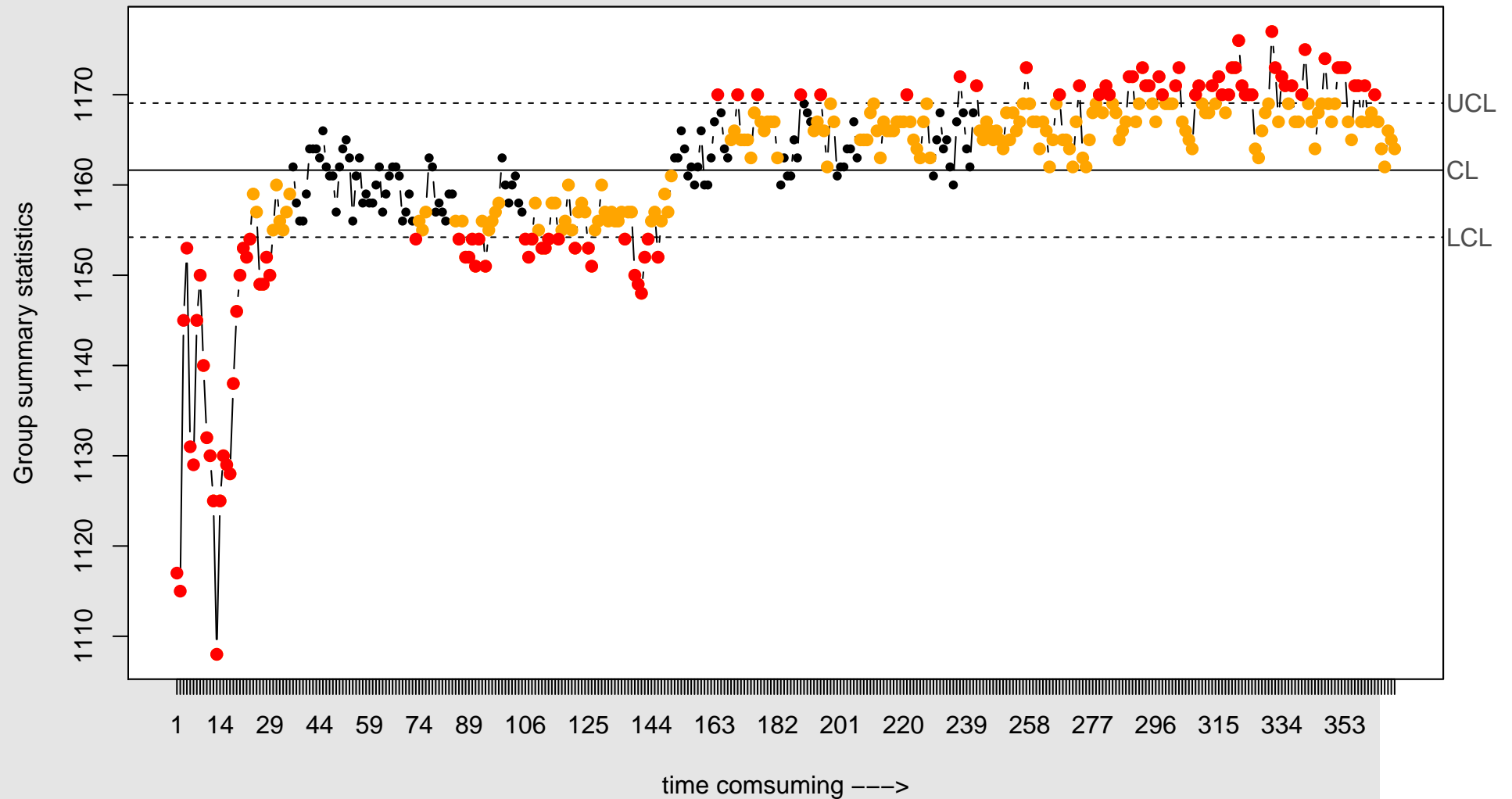
LCL = 1154.187

UCL = 1168.492

Number beyond limits = 121

Number violating runs = 292

41th column point of this product



Number of groups = 368

Center = 1161.641

StdDev = 2.475989

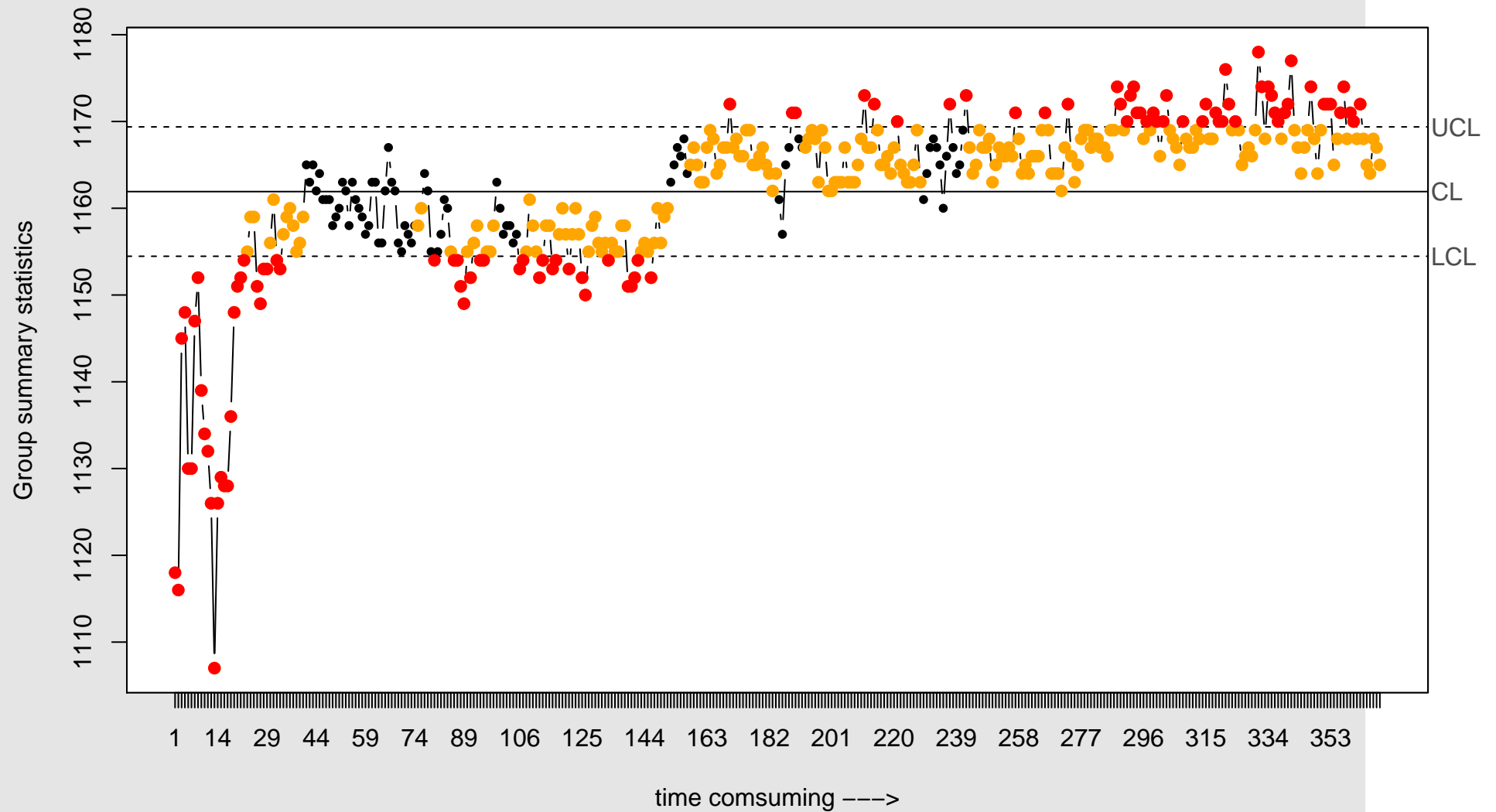
LCL = 1154.213

UCL = 1169.069

Number beyond limits = 103

Number violating runs = 262

42th column point of this product



Number of groups = 368

Center = 1161.921

StdDev = 2.485651

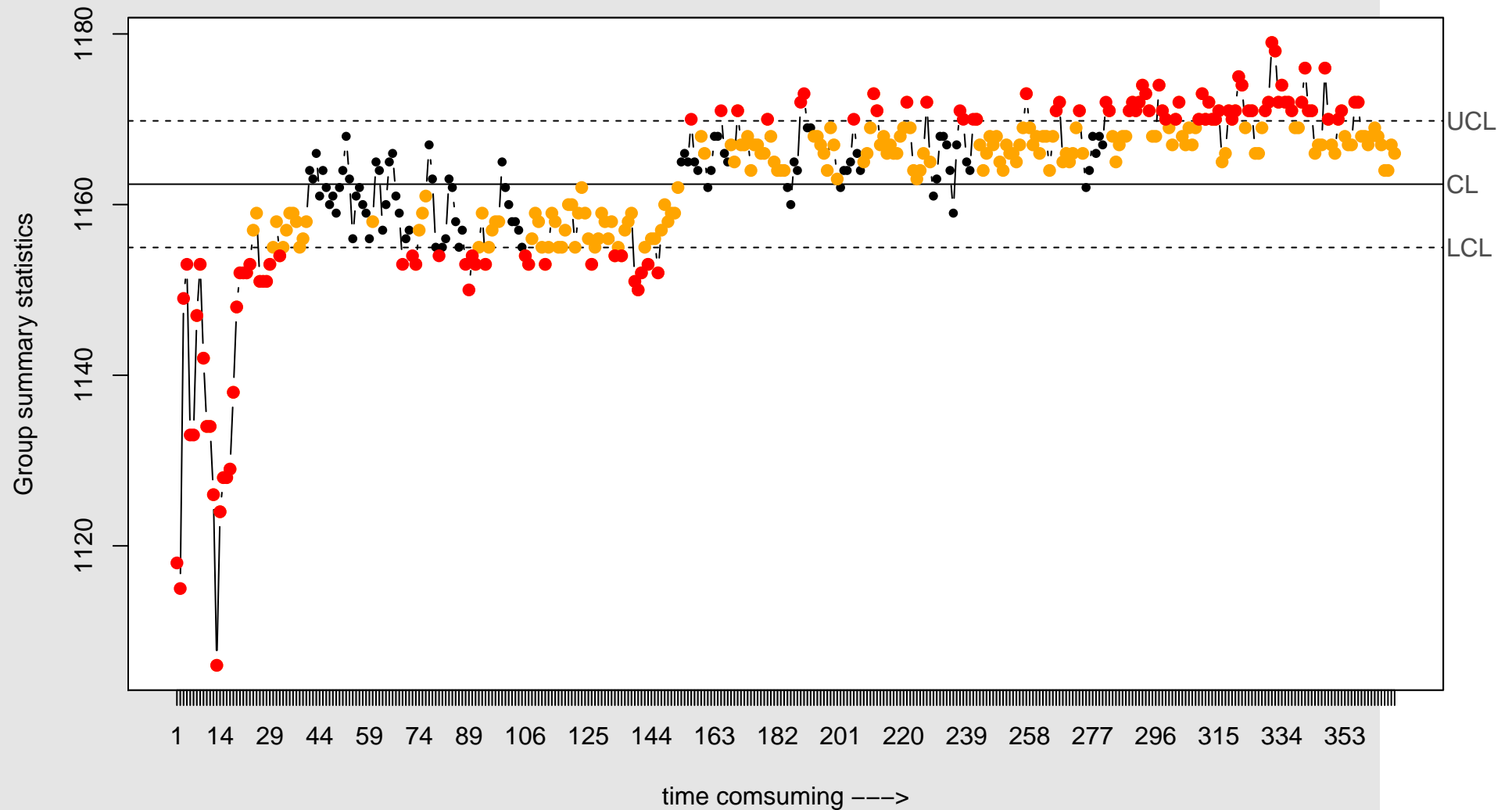
LCL = 1154.464

UCL = 1169.378

Number beyond limits = 101

Number violating runs = 286

43th column point of this product



Number of groups = 368

Center = 1162.391

StdDev = 2.473573

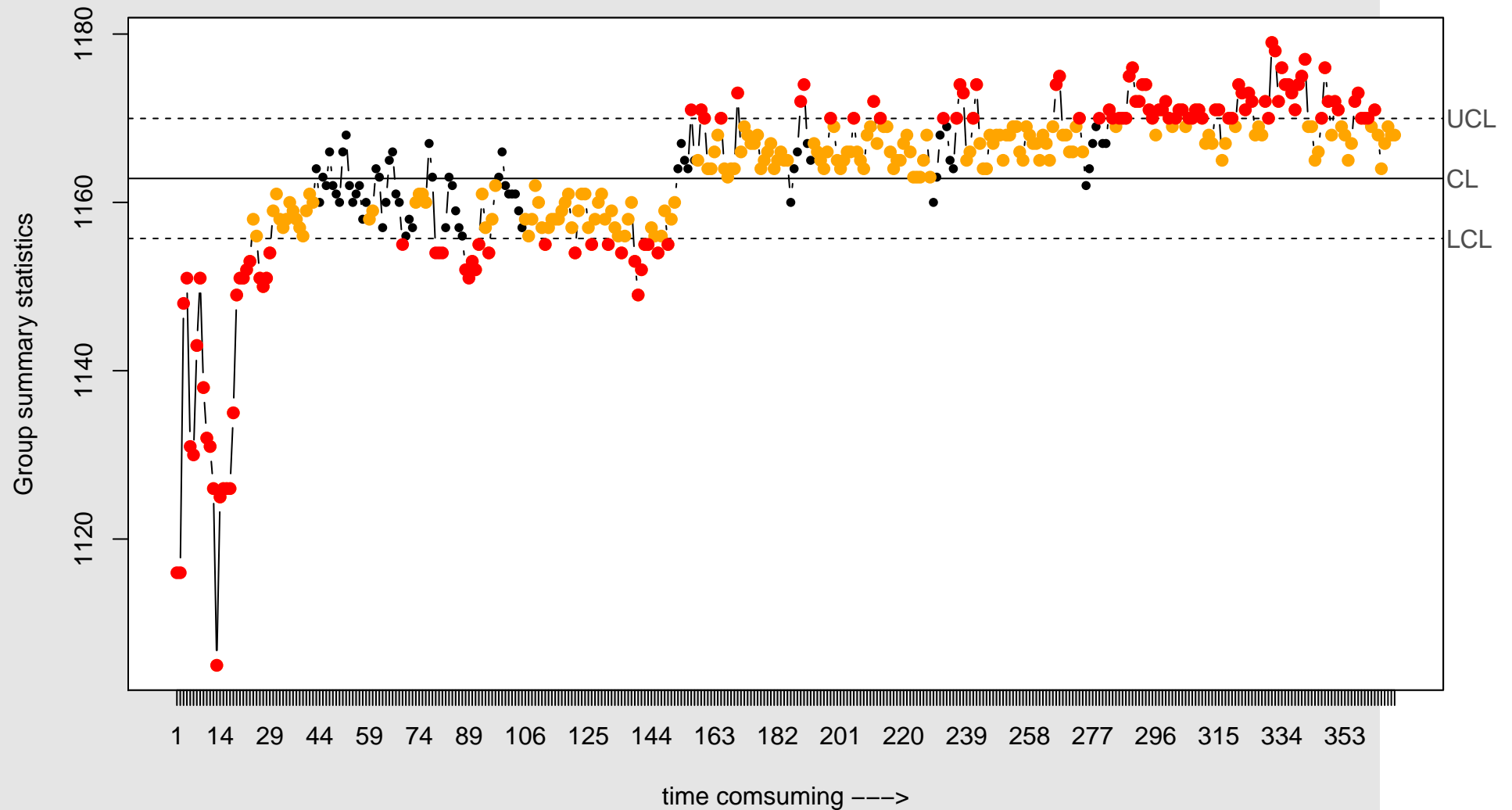
LCL = 1154.971

UCL = 1169.812

Number beyond limits = 114

Number violating runs = 263

44th column point of this product



Number of groups = 368

Center = 1162.842

StdDev = 2.376949

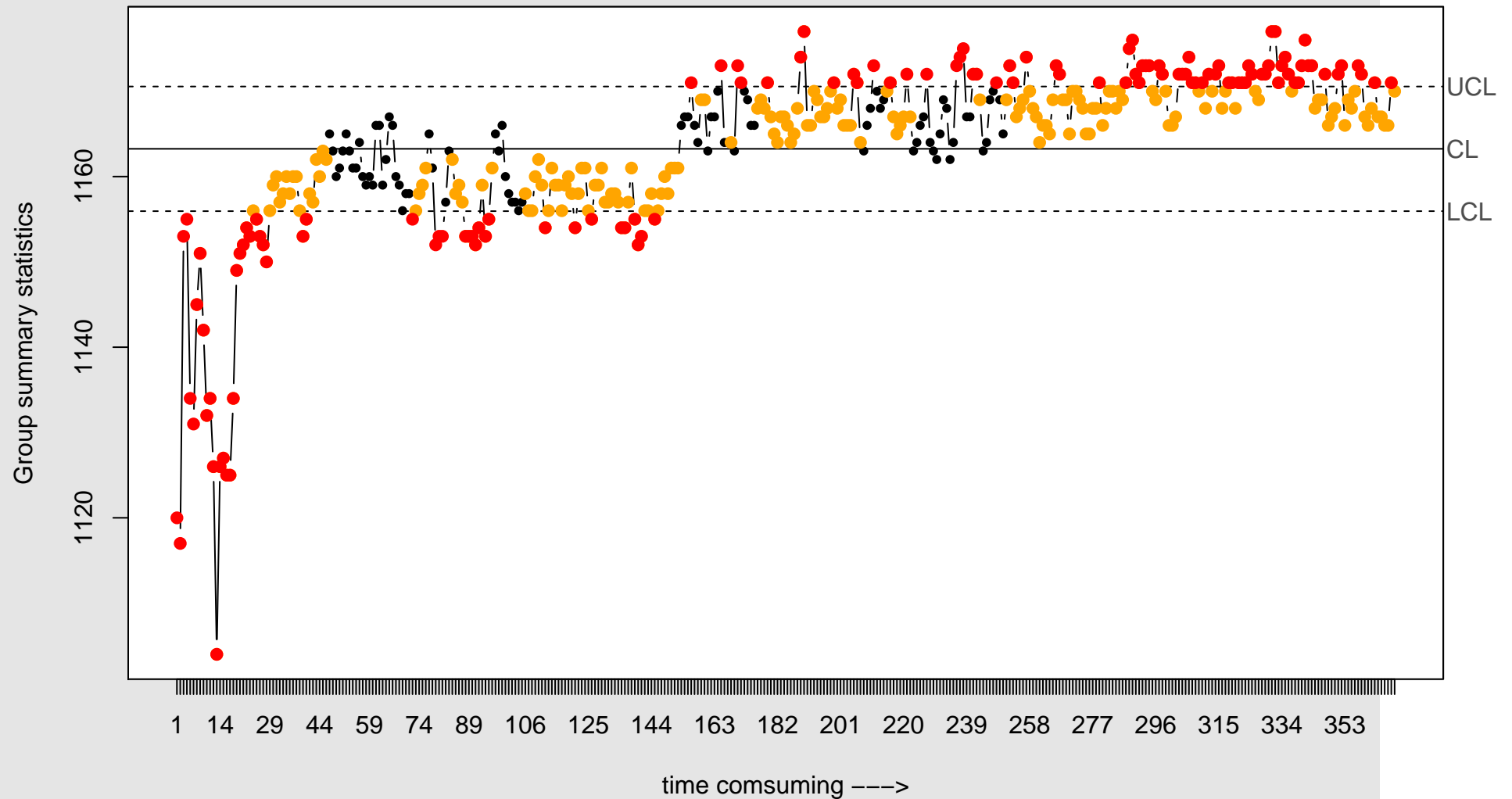
LCL = 1155.712

UCL = 1169.973

Number beyond limits = 128

Number violating runs = 286

45th column point of this product



Number of groups = 368

Center = 1163.25

StdDev = 2.434924

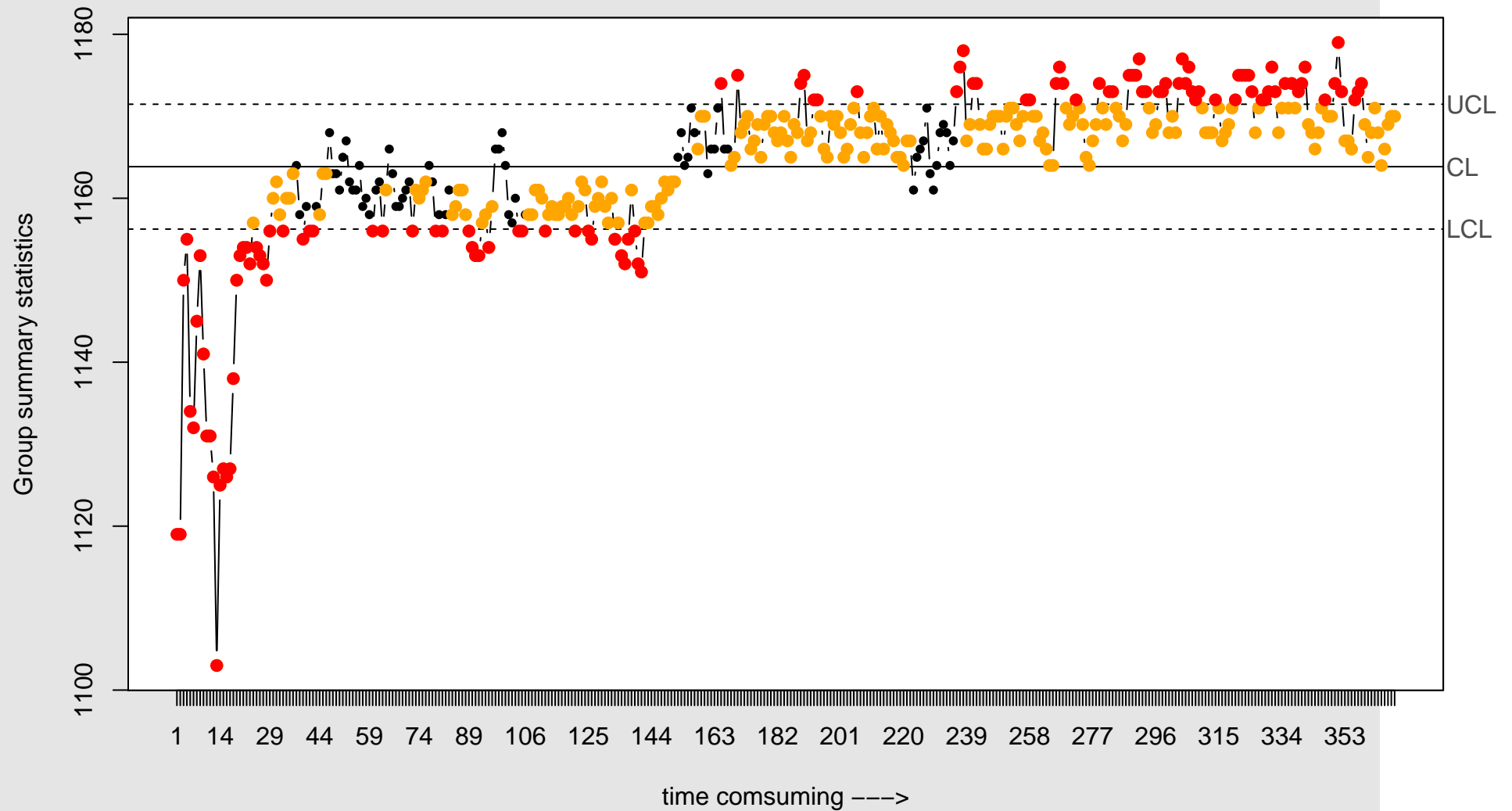
LCL = 1155.945

UCL = 1170.555

Number beyond limits = 124

Number violating runs = 268

46th column point of this product



Number of groups = 368

Center = 1163.851

StdDev = 2.538795

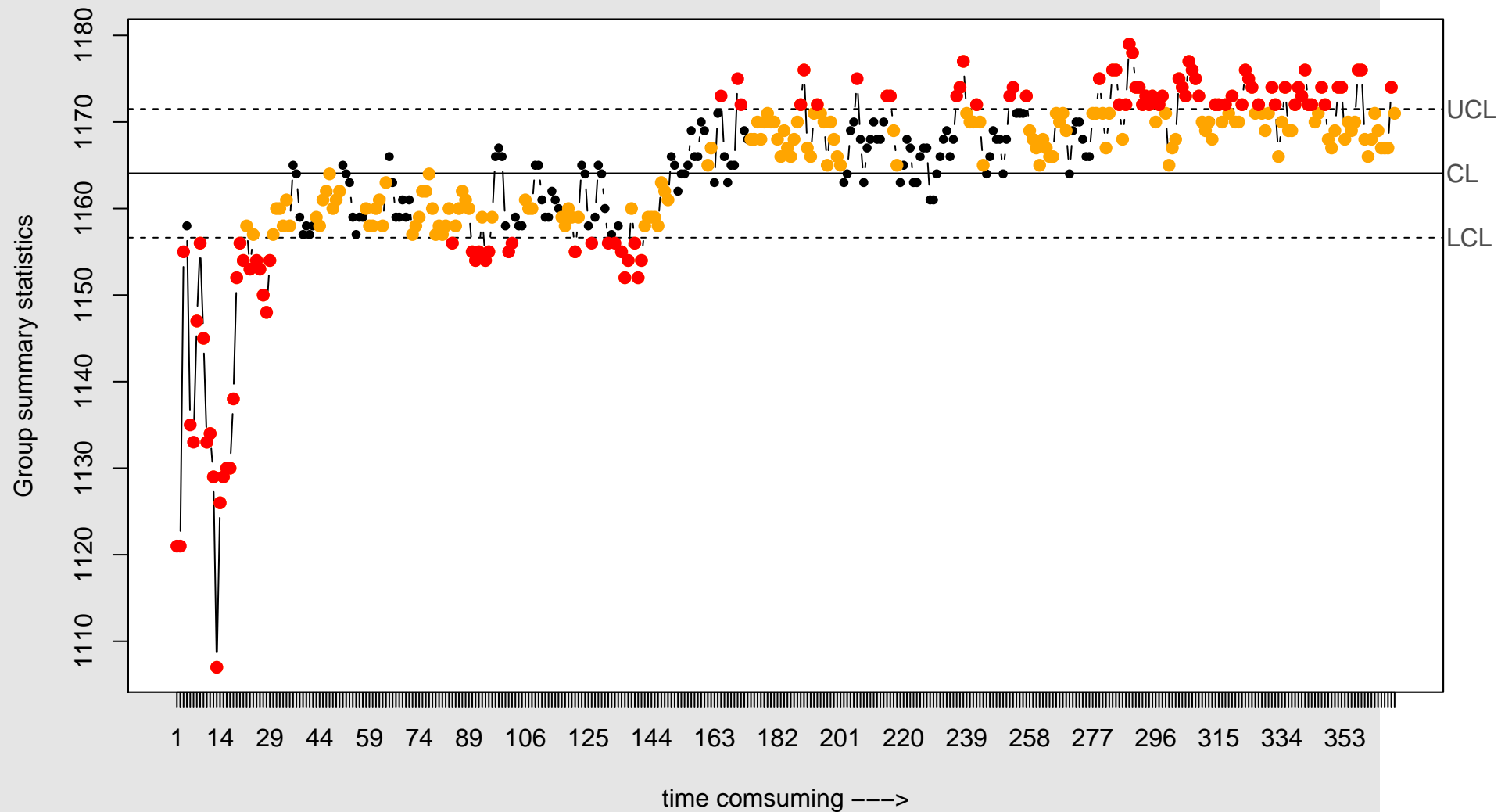
LCL = 1156.234

UCL = 1171.467

Number beyond limits = 116

Number violating runs = 289

47th column point of this product



Number of groups = 368

Center = 1164.068

StdDev = 2.478405

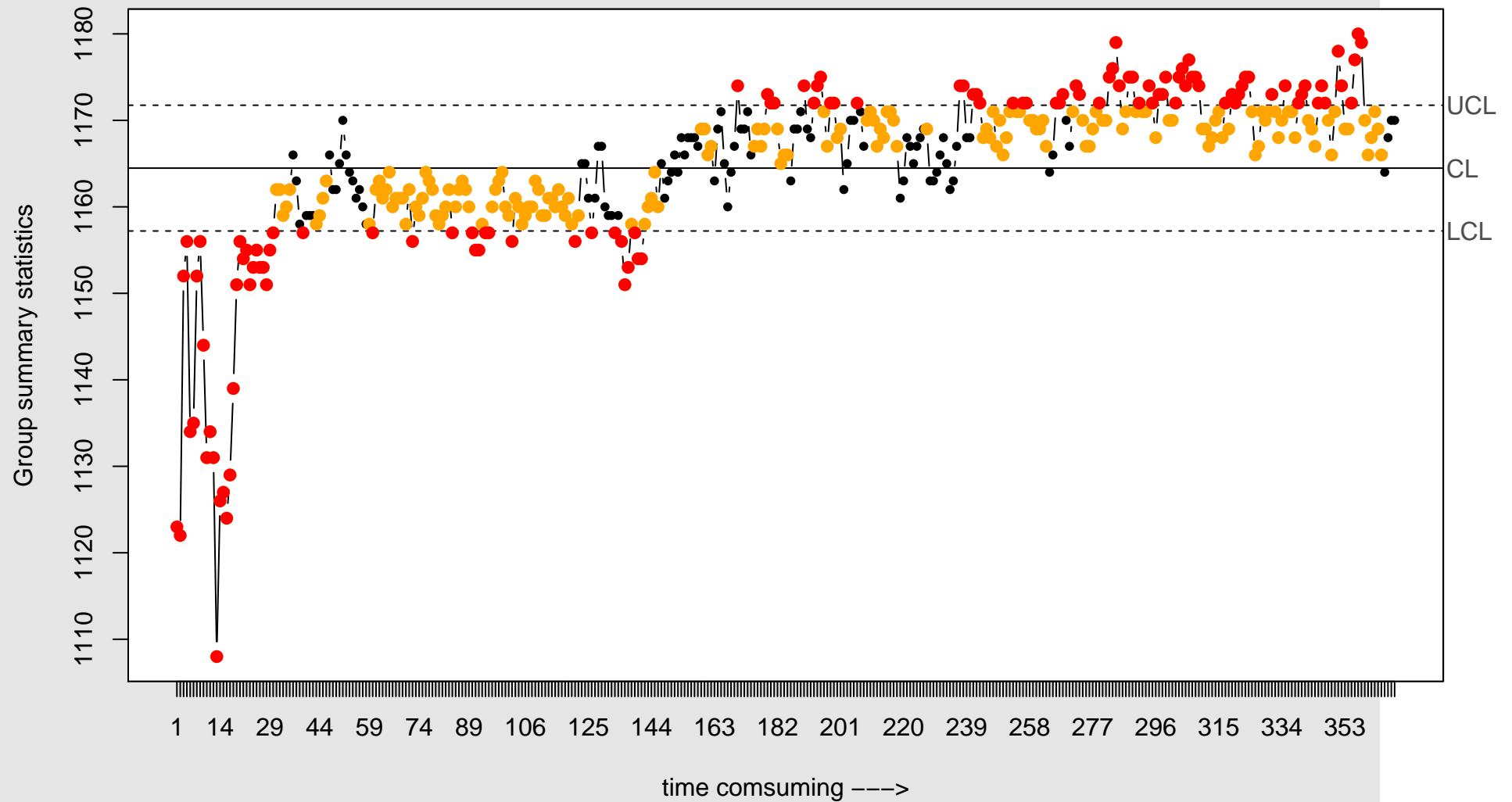
LCL = 1156.633

UCL = 1171.503

Number beyond limits = 107

Number violating runs = 240

48th column point of this product



Number of groups = 368

Center = 1164.478

StdDev = 2.422846

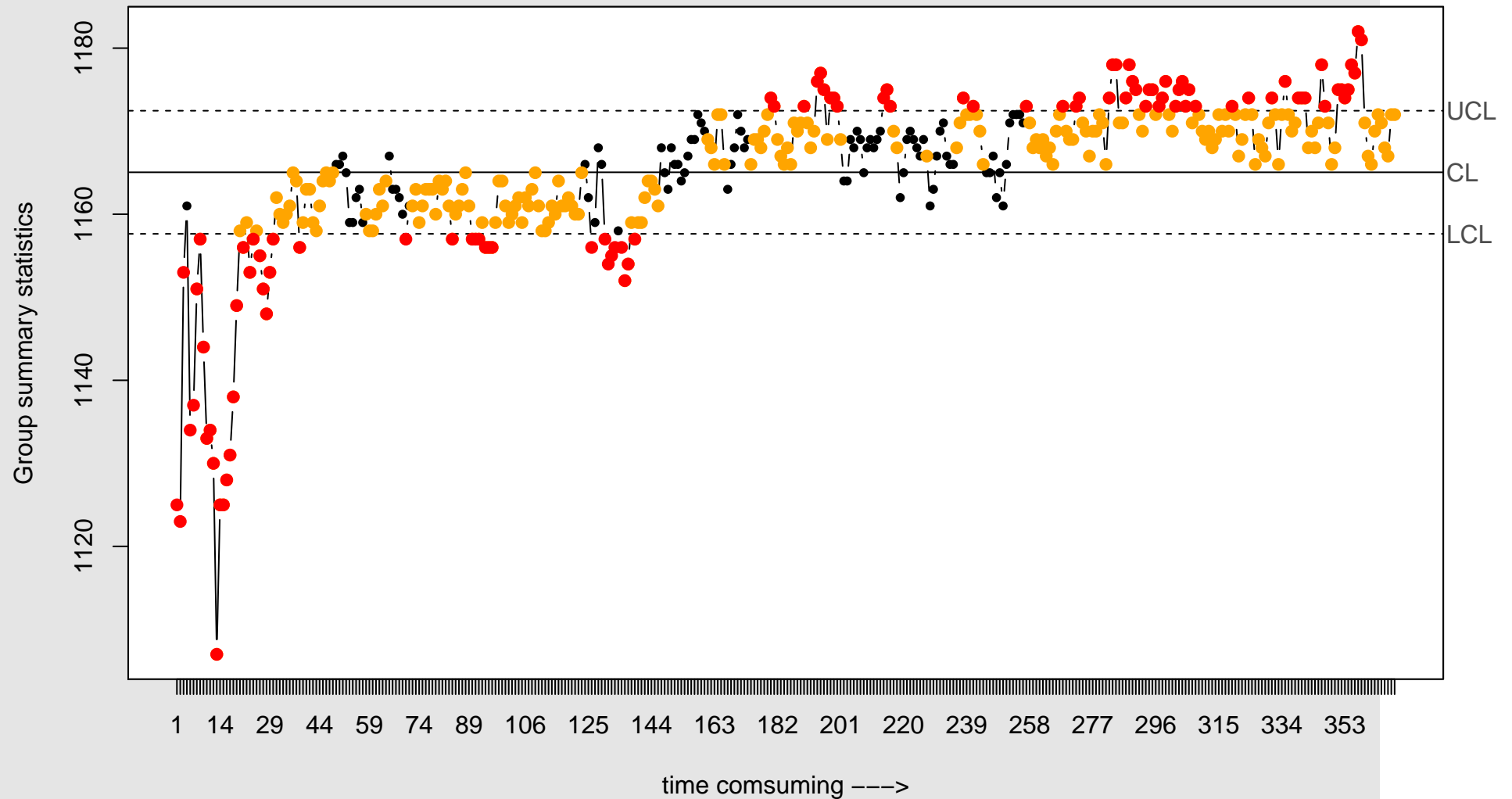
LCL = 1157.21

UCL = 1171.747

Number beyond limits = 115

Number violating runs = 259

49th column point of this product



Number of groups = 368

Center = 1165.049

StdDev = 2.471158

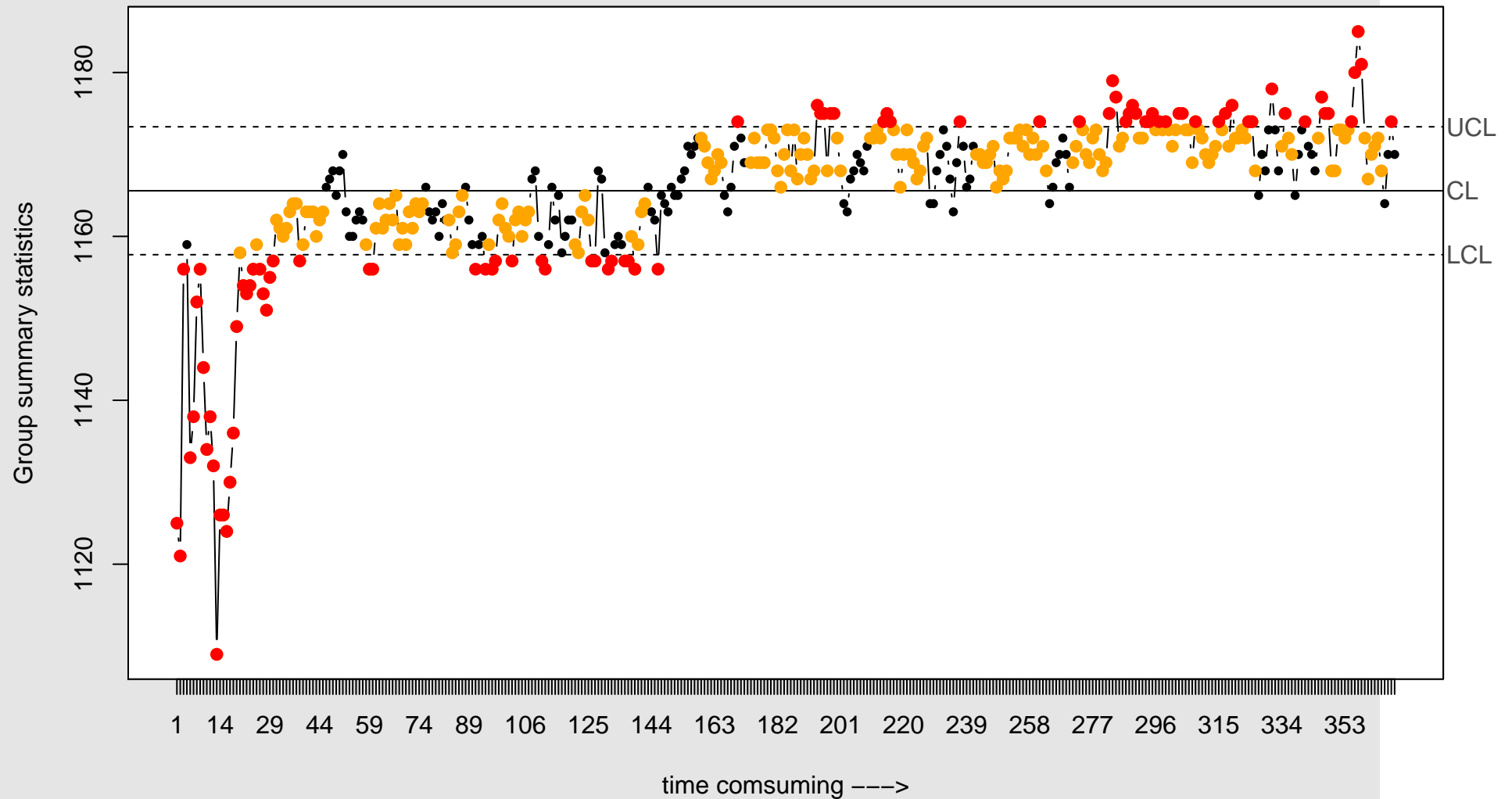
LCL = 1157.635

UCL = 1172.462

Number beyond limits = 98

Number violating runs = 272

50th column point of this product



Number of groups = 368

Center = 1165.571

StdDev = 2.6016

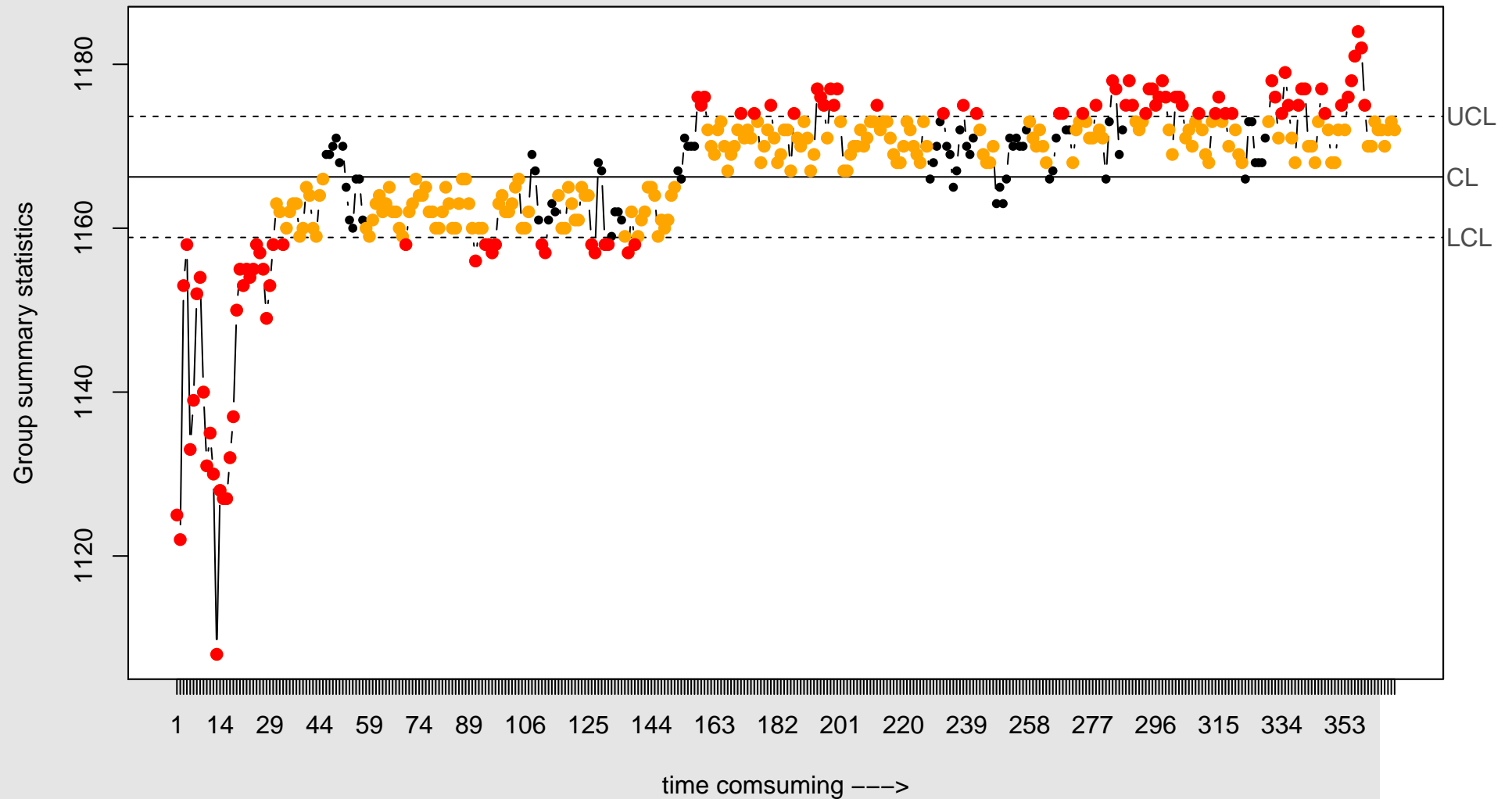
LCL = 1157.766

UCL = 1173.375

Number beyond limits = 88

Number violating runs = 244

51th column point of this product



Number of groups = 368

Center = 1166.258

StdDev = 2.461495

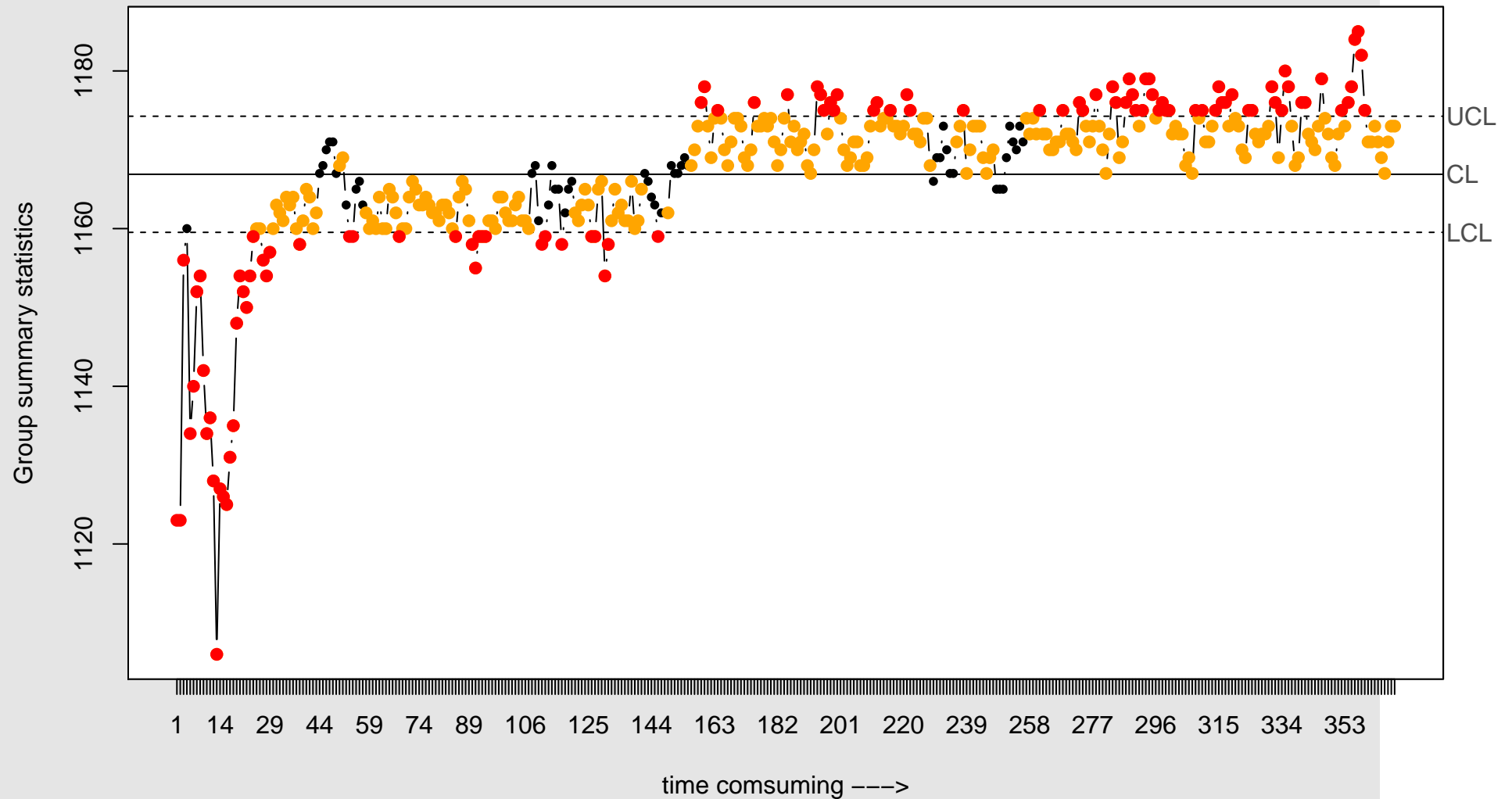
LCL = 1158.874

UCL = 1173.643

Number beyond limits = 103

Number violating runs = 281

52th column point of this product



Number of groups = 368

Center = 1166.891

StdDev = 2.454249

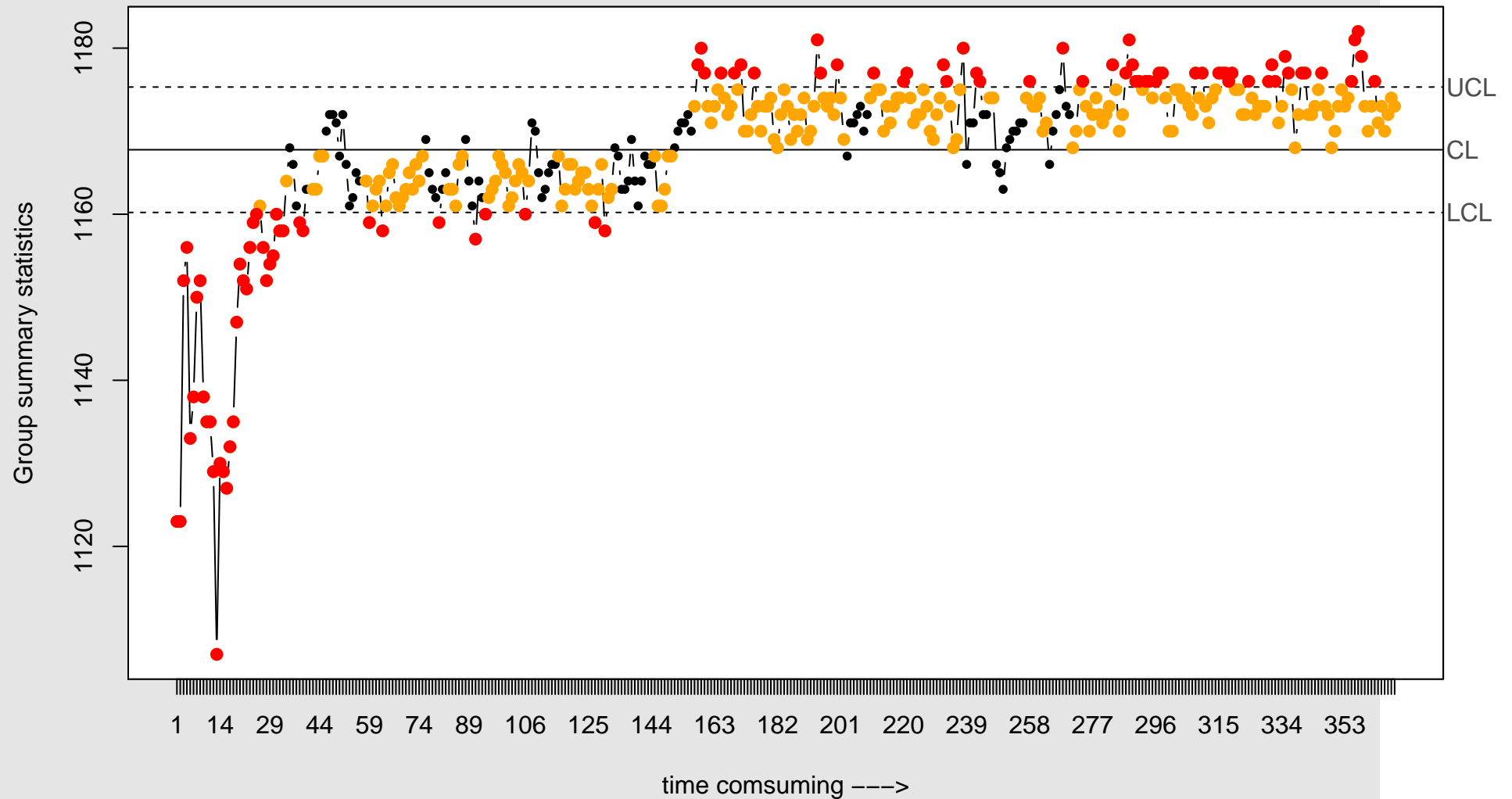
LCL = 1159.529

UCL = 1174.254

Number beyond limits = 104

Number violating runs = 308

53th column point of this product



Number of groups = 368

Center = 1167.764

StdDev = 2.517054

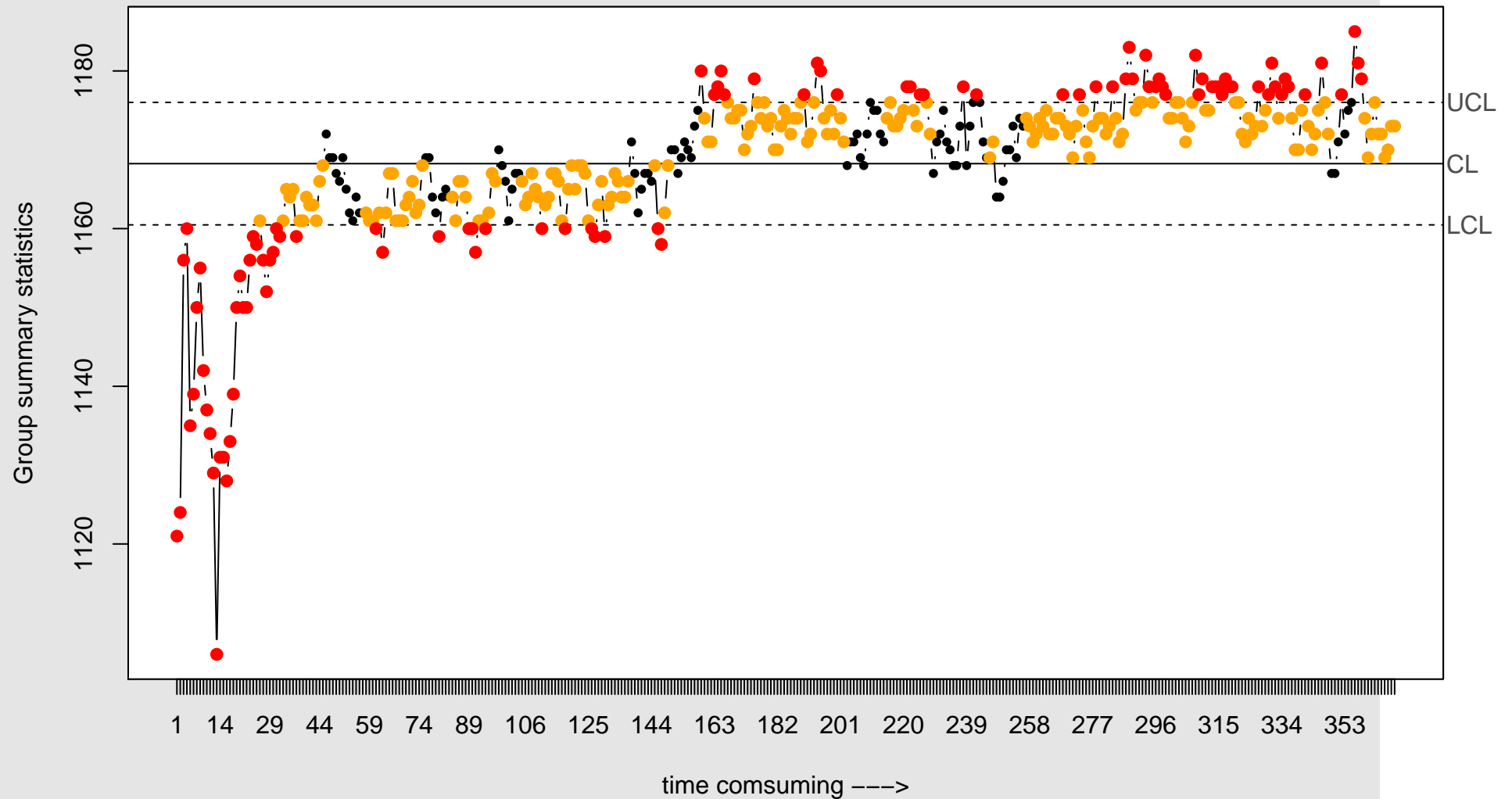
LCL = 1160.212

UCL = 1175.315

Number beyond limits = 95

Number violating runs = 273

54th column point of this product

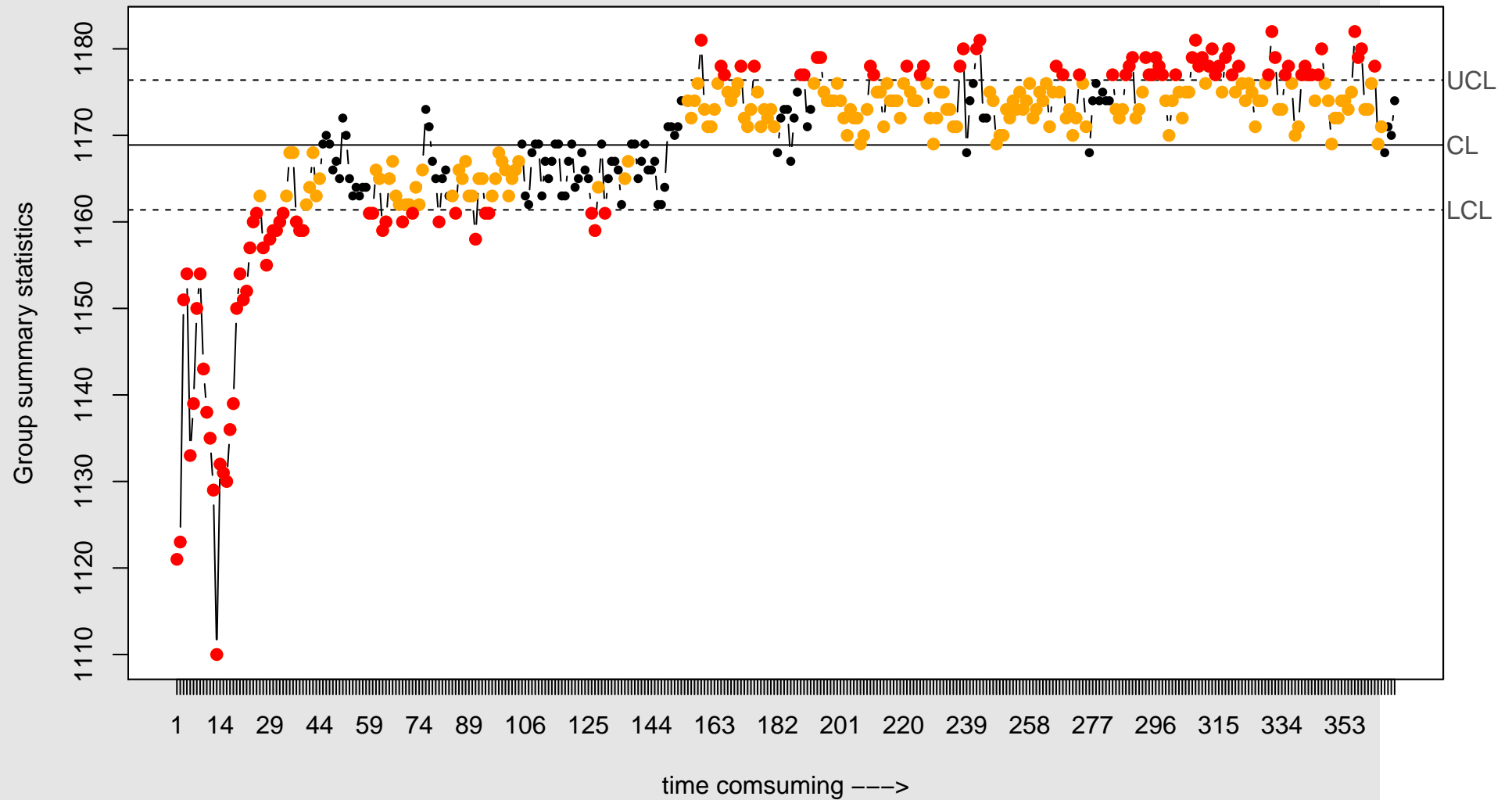


Number of groups = 368
Center = 1168.242
StdDev = 2.589522

LCL = 1160.473
UCL = 1176.01

Number beyond limits = 98
Number violating runs = 273

55th column point of this product



Number of groups = 368

Center = 1168.889

StdDev = 2.500145

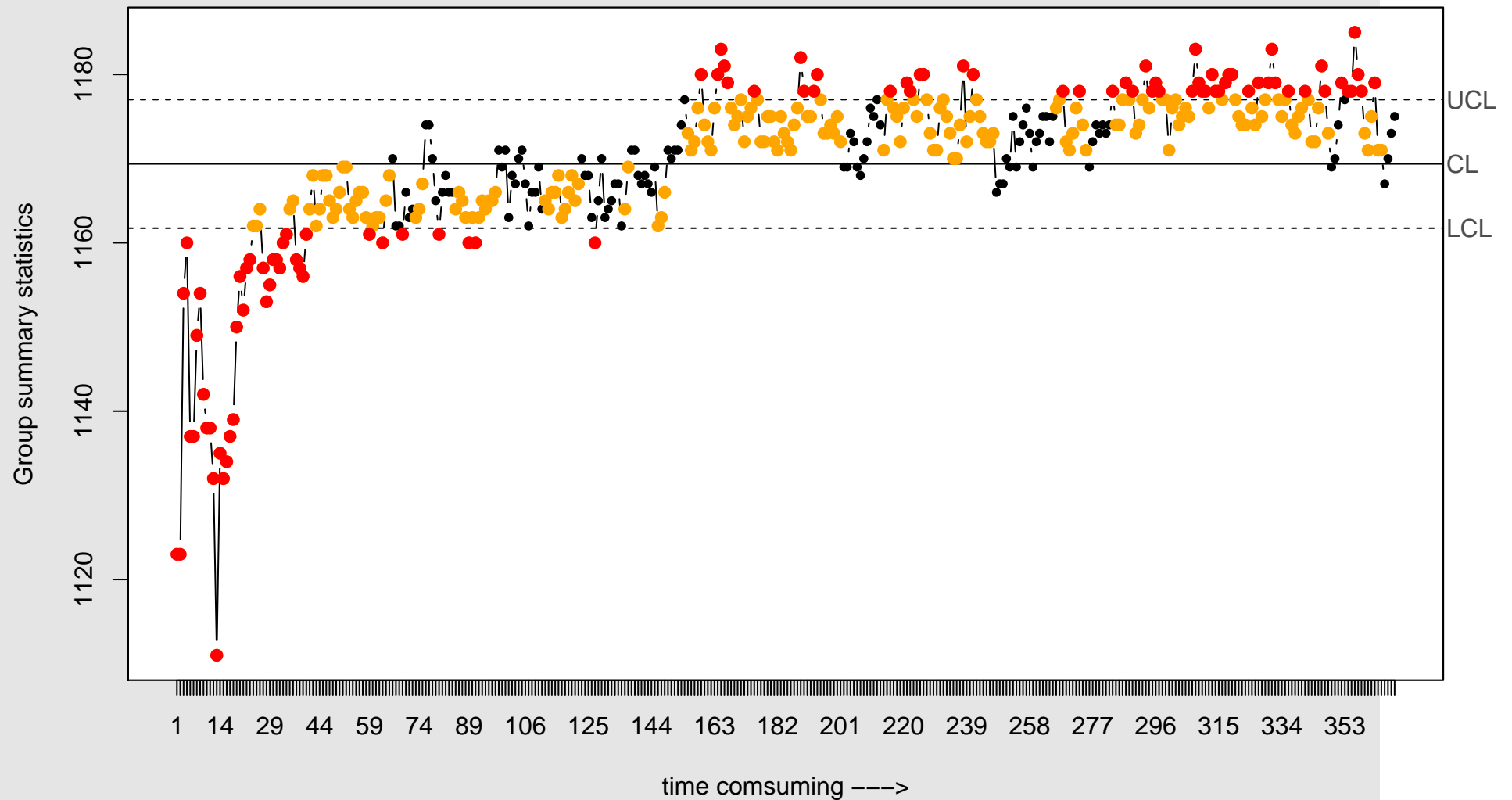
LCL = 1161.388

UCL = 1176.389

Number beyond limits = 108

Number violating runs = 265

56th column point of this product



Number of groups = 368

Center = 1169.372

StdDev = 2.546041

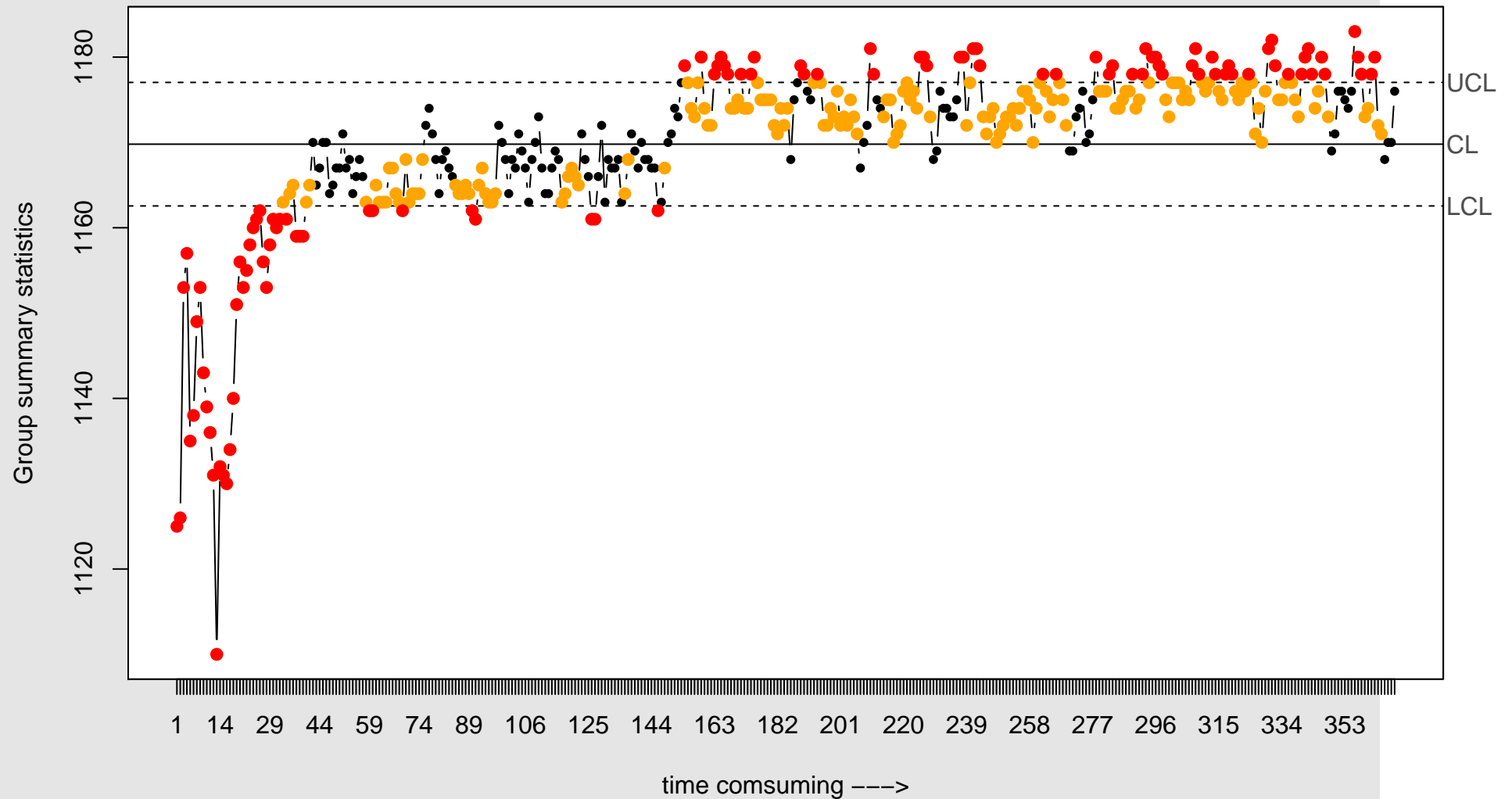
LCL = 1161.734

UCL = 1177.01

Number beyond limits = 95

Number violating runs = 257

57th column point of this product



Number of groups = 368

Center = 1169.796

StdDev = 2.413183

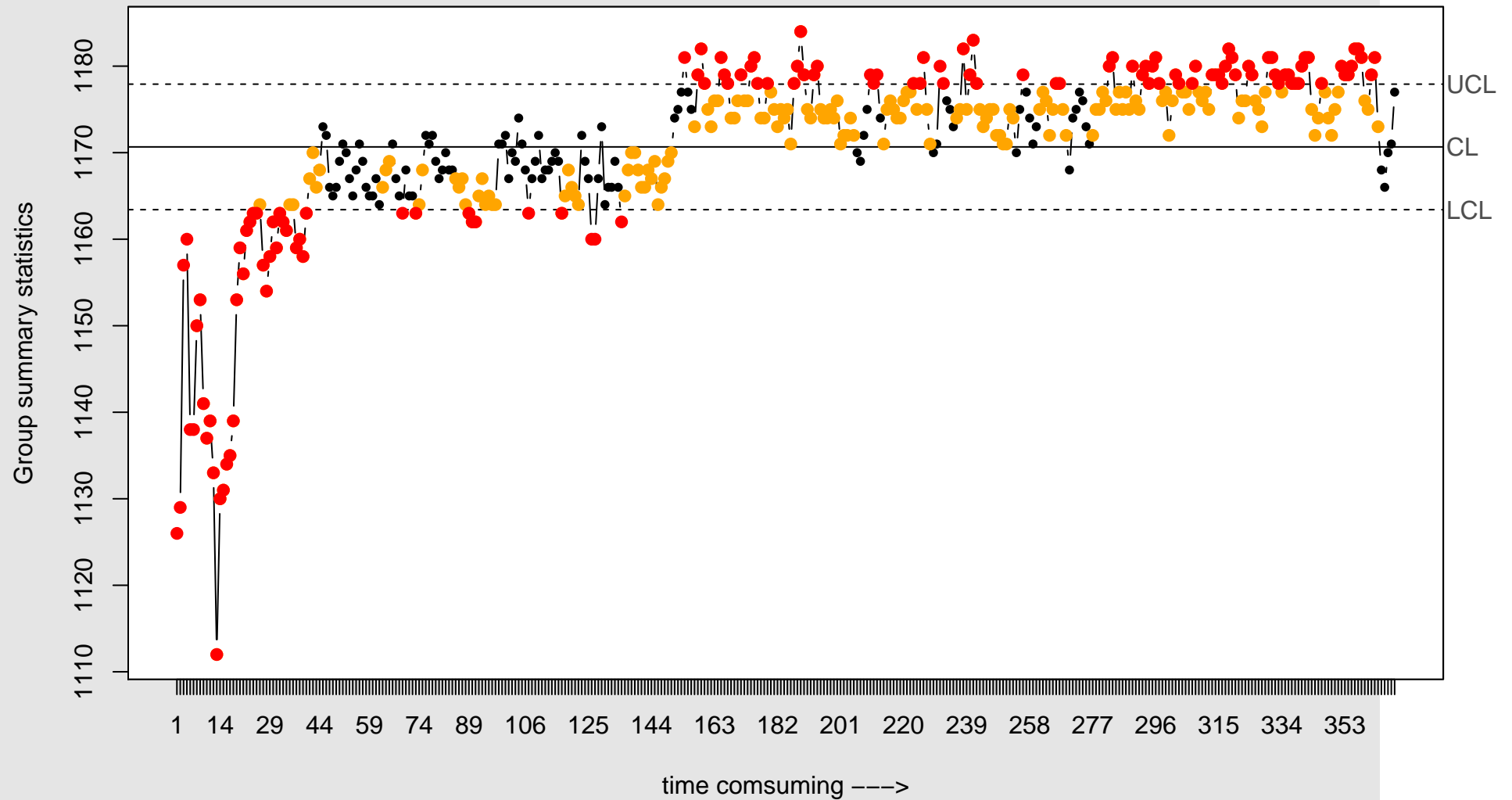
LCL = 1162.557

UCL = 1177.036

Number beyond limits = 103

Number violating runs = 248

58th column point of this product



Number of groups = 368

Center = 1170.666

StdDev = 2.418015

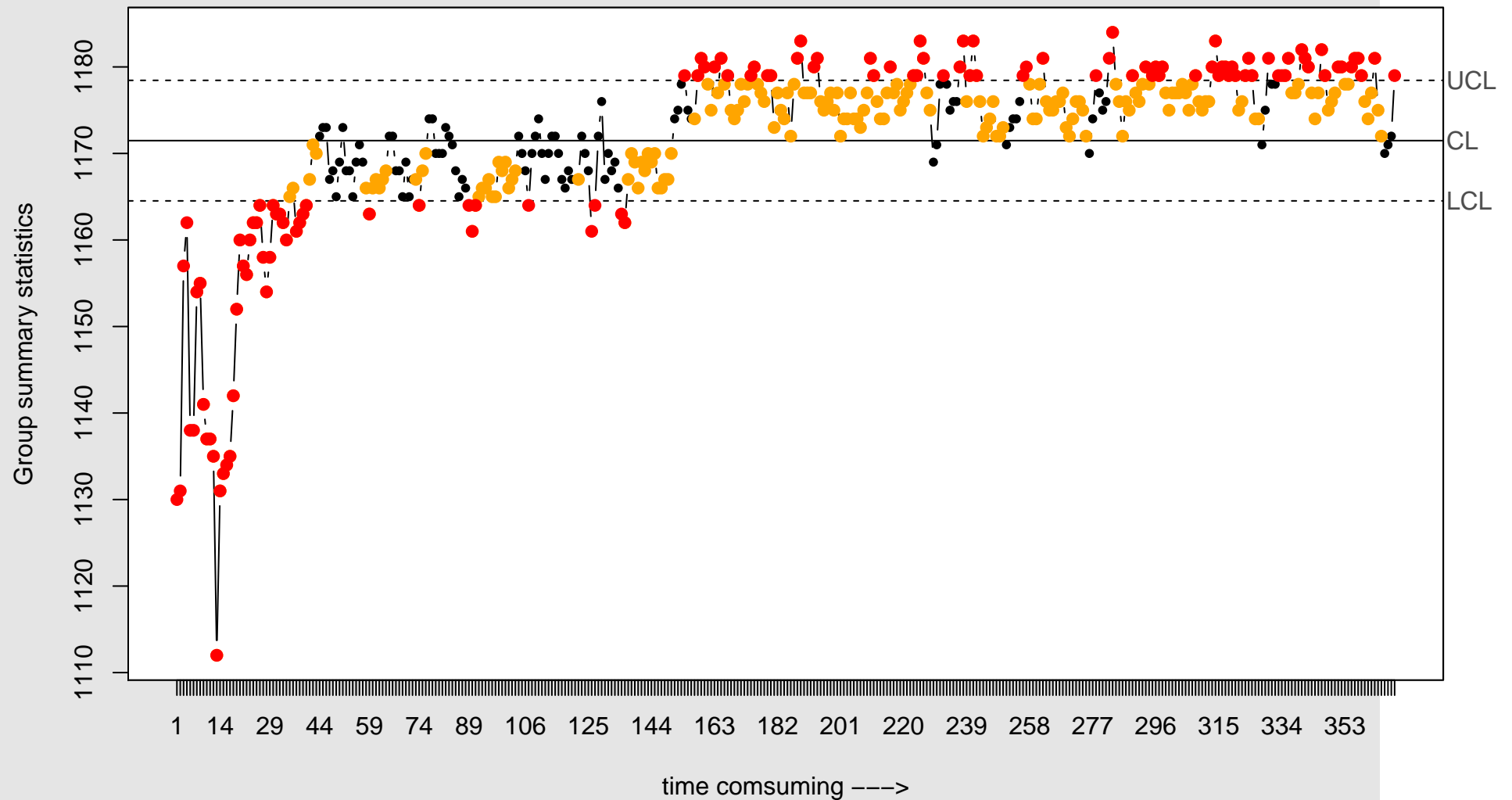
LCL = 1163.412

UCL = 1177.92

Number beyond limits = 125

Number violating runs = 256

59th column point of this product



Number of groups = 368

Center = 1171.484

StdDev = 2.321391

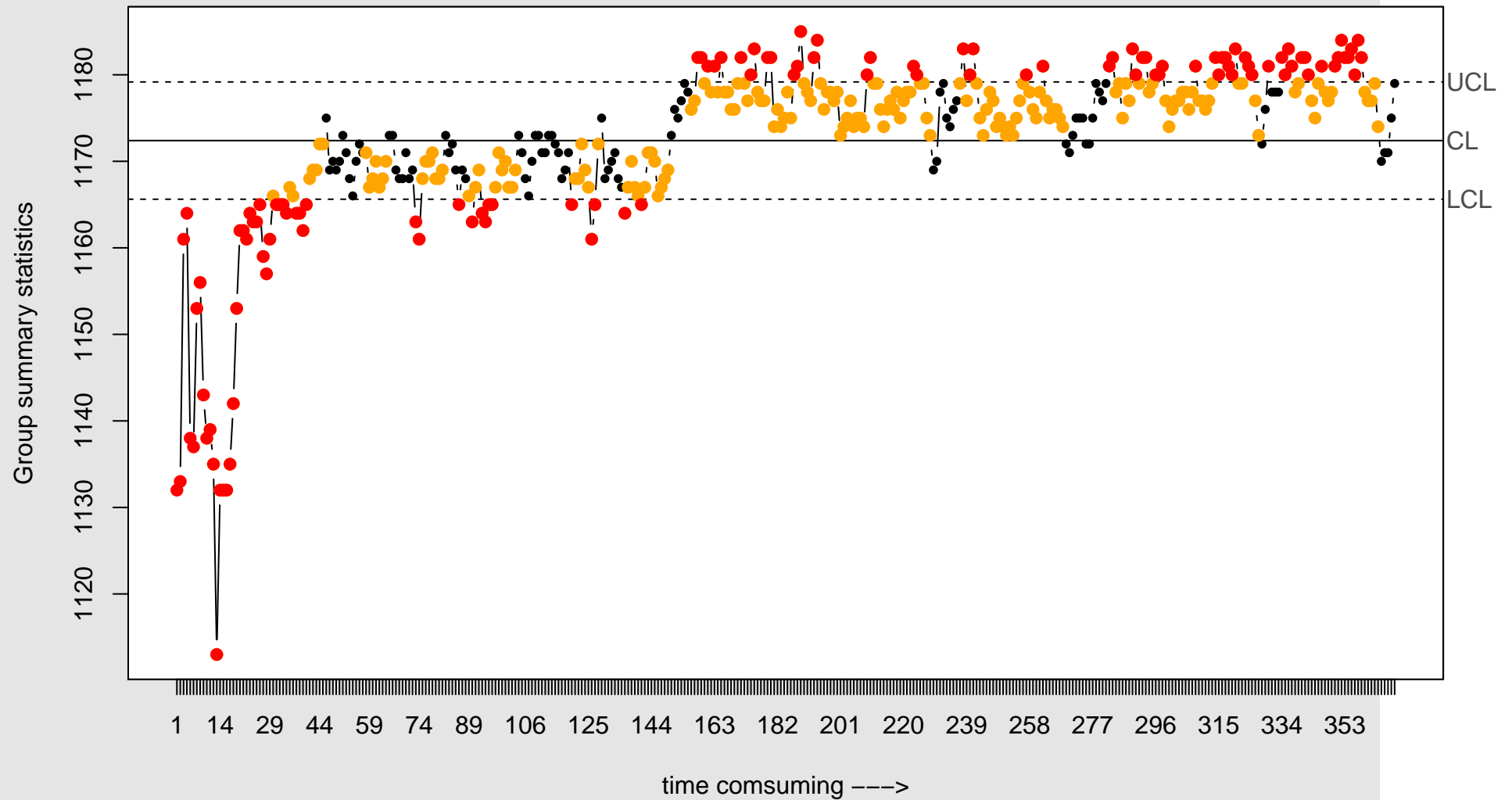
LCL = 1164.52

UCL = 1178.448

Number beyond limits = 118

Number violating runs = 257

60th column point of this product



Number of groups = 368

Center = 1172.397

StdDev = 2.258585

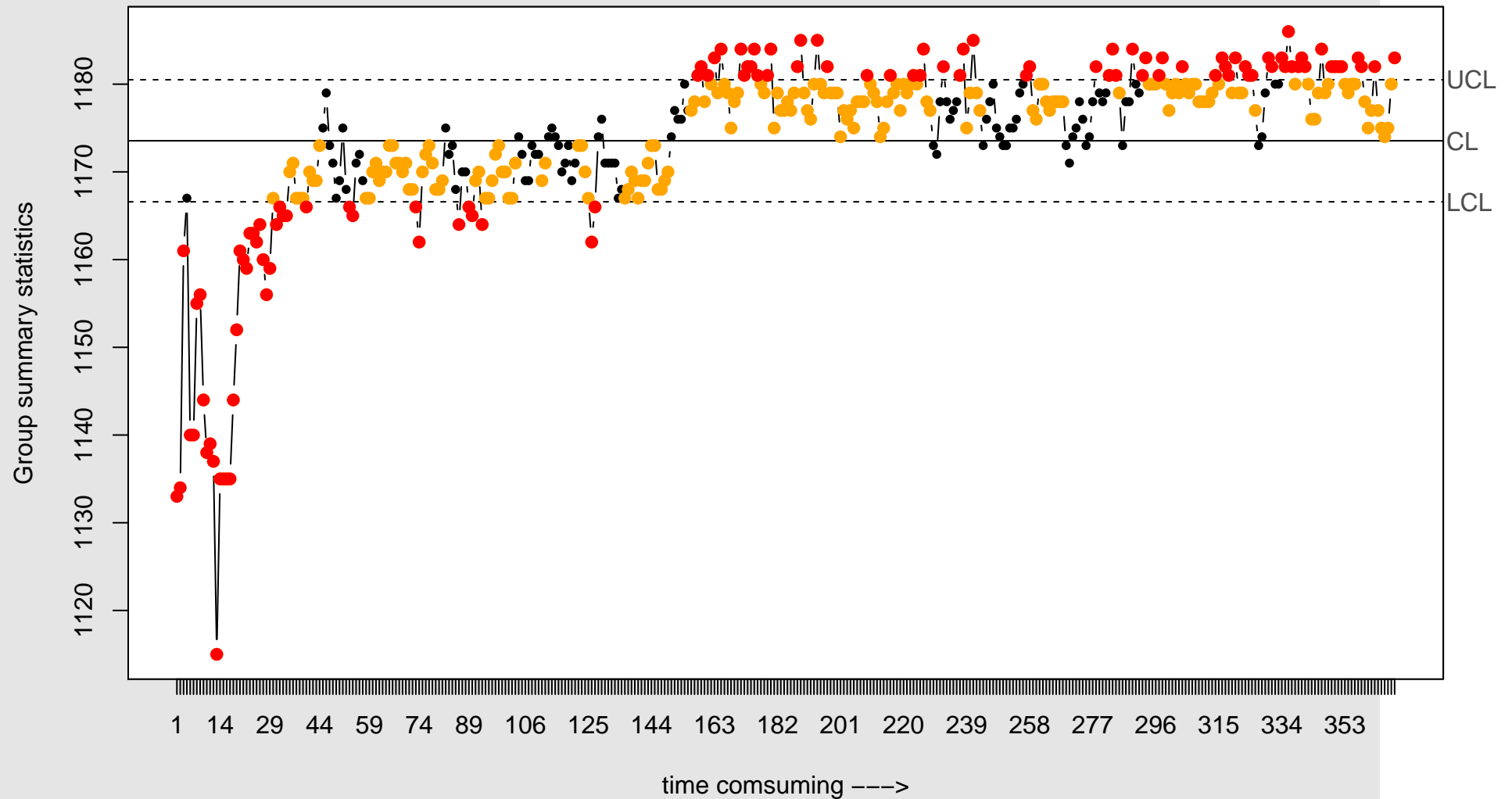
LCL = 1165.621

UCL = 1179.172

Number beyond limits = 112

Number violating runs = 271

61th column point of this product



Number of groups = 368

Center = 1173.546

StdDev = 2.318975

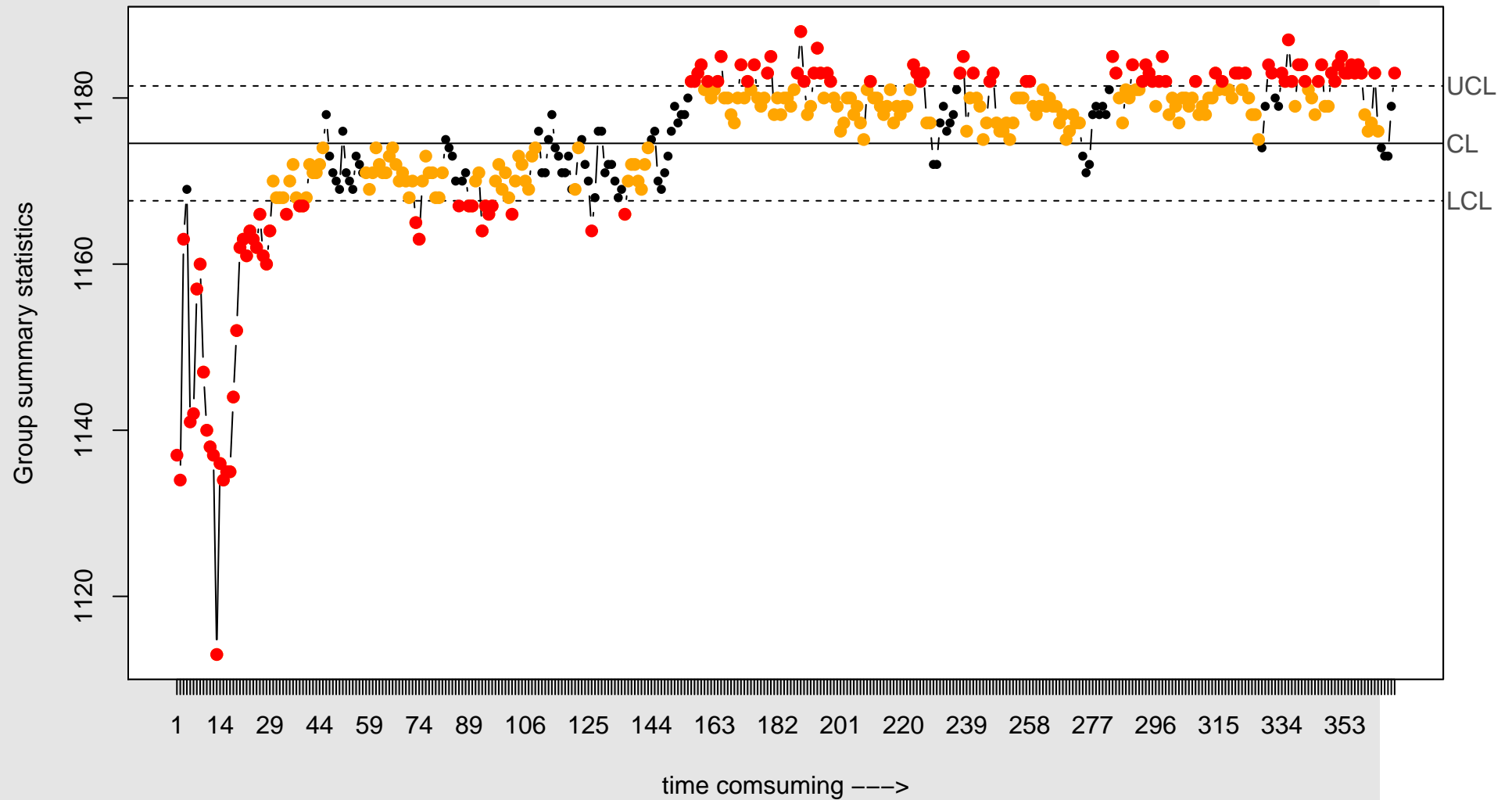
LCL = 1166.589

UCL = 1180.503

Number beyond limits = 107

Number violating runs = 263

62th column point of this product



Number of groups = 368

Center = 1174.538

StdDev = 2.304481

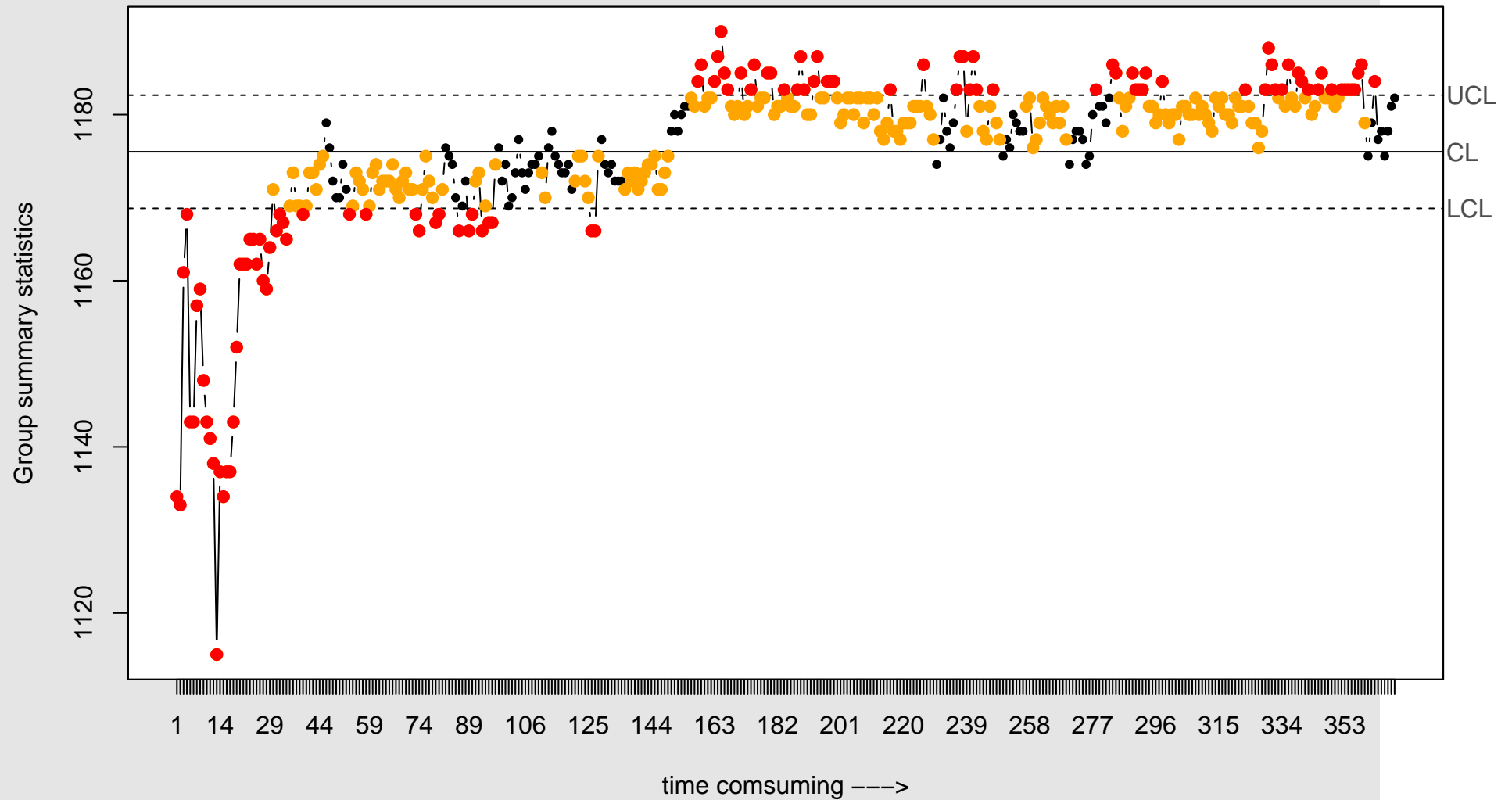
LCL = 1167.625

UCL = 1181.451

Number beyond limits = 114

Number violating runs = 278

63th column point of this product



Number of groups = 368

Center = 1175.524

StdDev = 2.270663

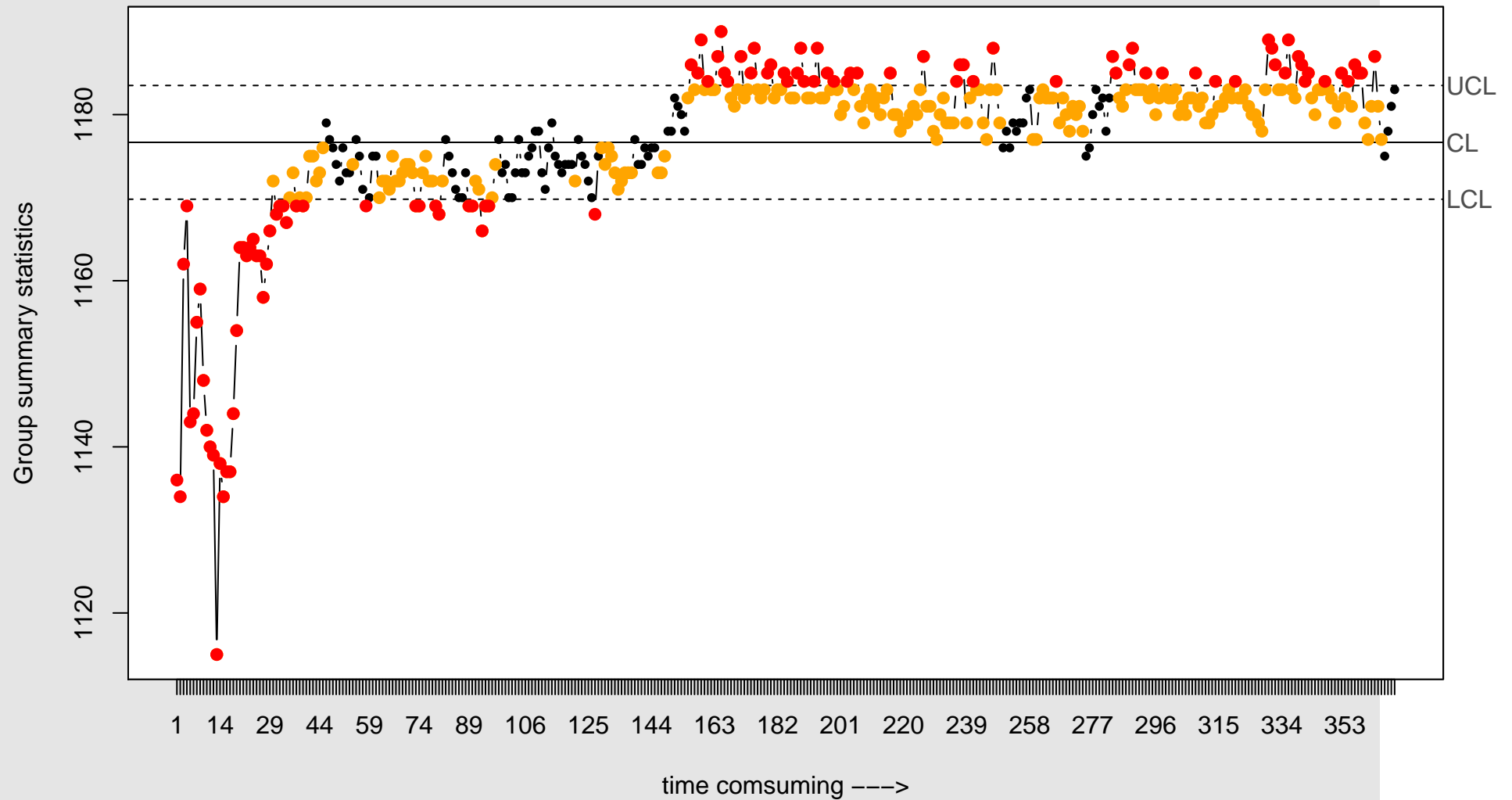
LCL = 1168.712

UCL = 1182.336

Number beyond limits = 108

Number violating runs = 277

64th column point of this product



Number of groups = 368

Center = 1176.658

StdDev = 2.282741

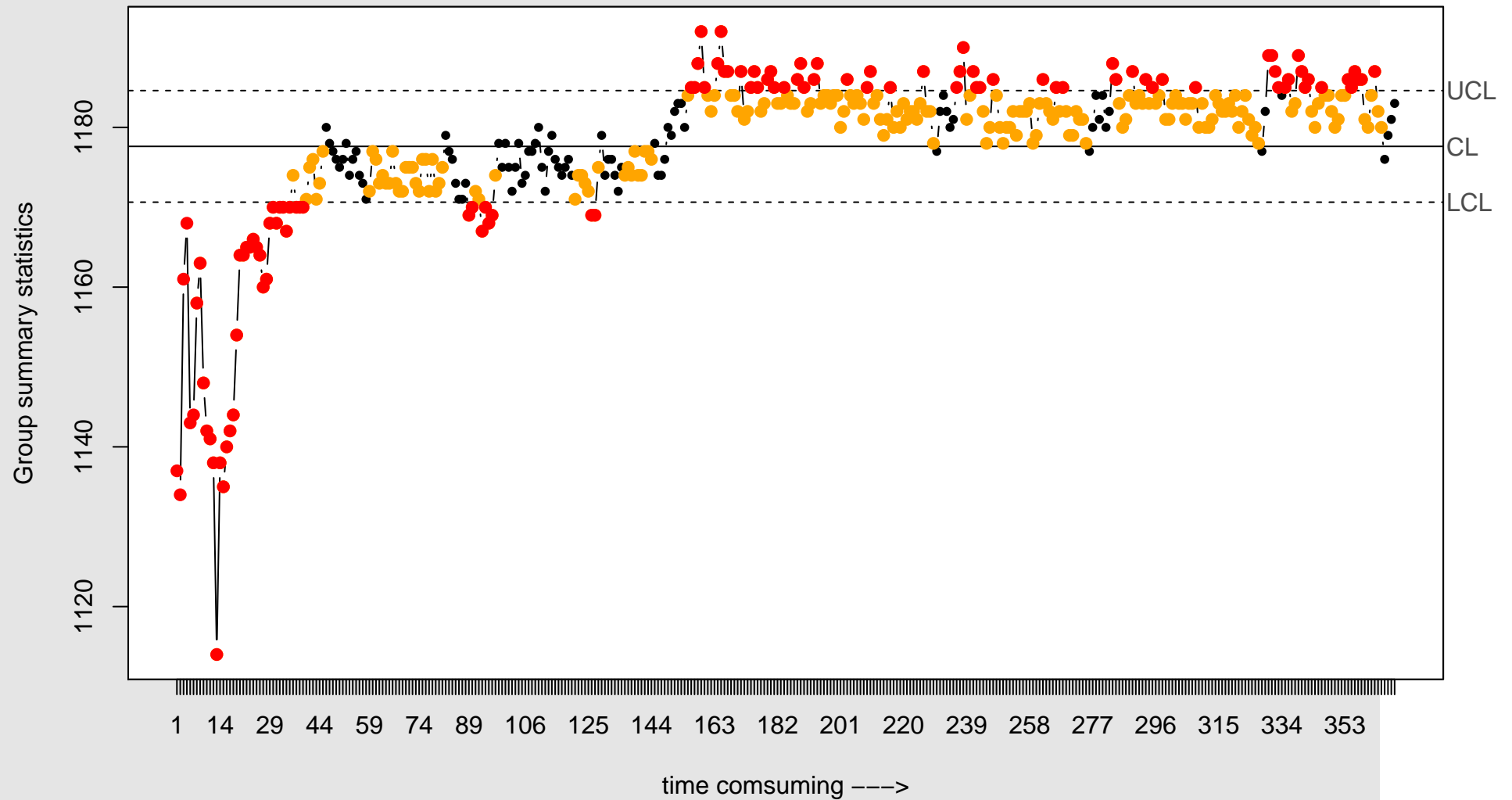
LCL = 1169.809

UCL = 1183.506

Number beyond limits = 104

Number violating runs = 276

65th column point of this product



Number of groups = 368

Center = 1177.62

StdDev = 2.328637

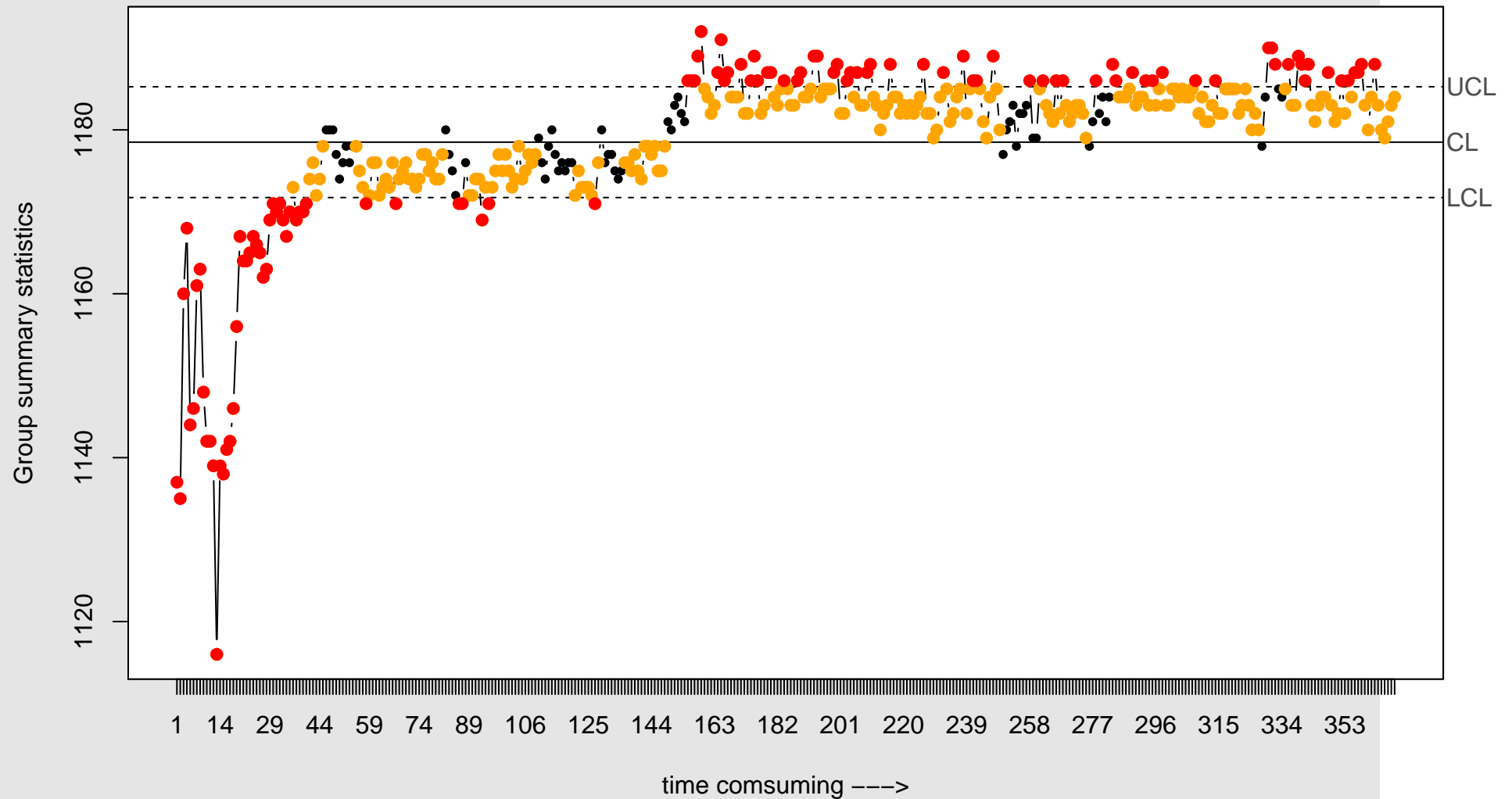
LCL = 1170.634

UCL = 1184.605

Number beyond limits = 107

Number violating runs = 277

66th column point of this product



Number of groups = 368

Center = 1178.5

StdDev = 2.253754

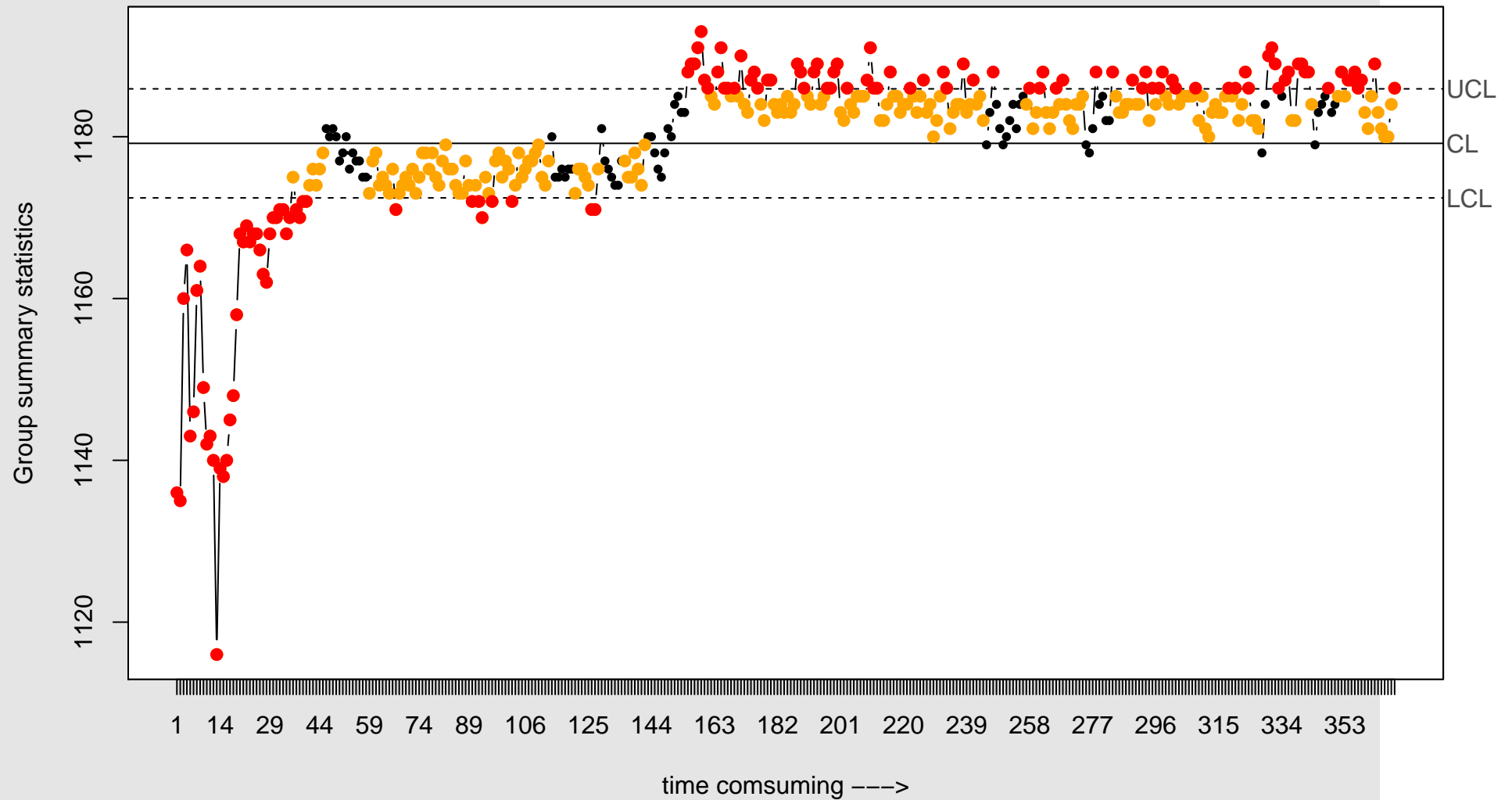
LCL = 1171.739

UCL = 1185.261

Number beyond limits = 108

Number violating runs = 297

67th column point of this product



Number of groups = 368

Center = 1179.179

StdDev = 2.246507

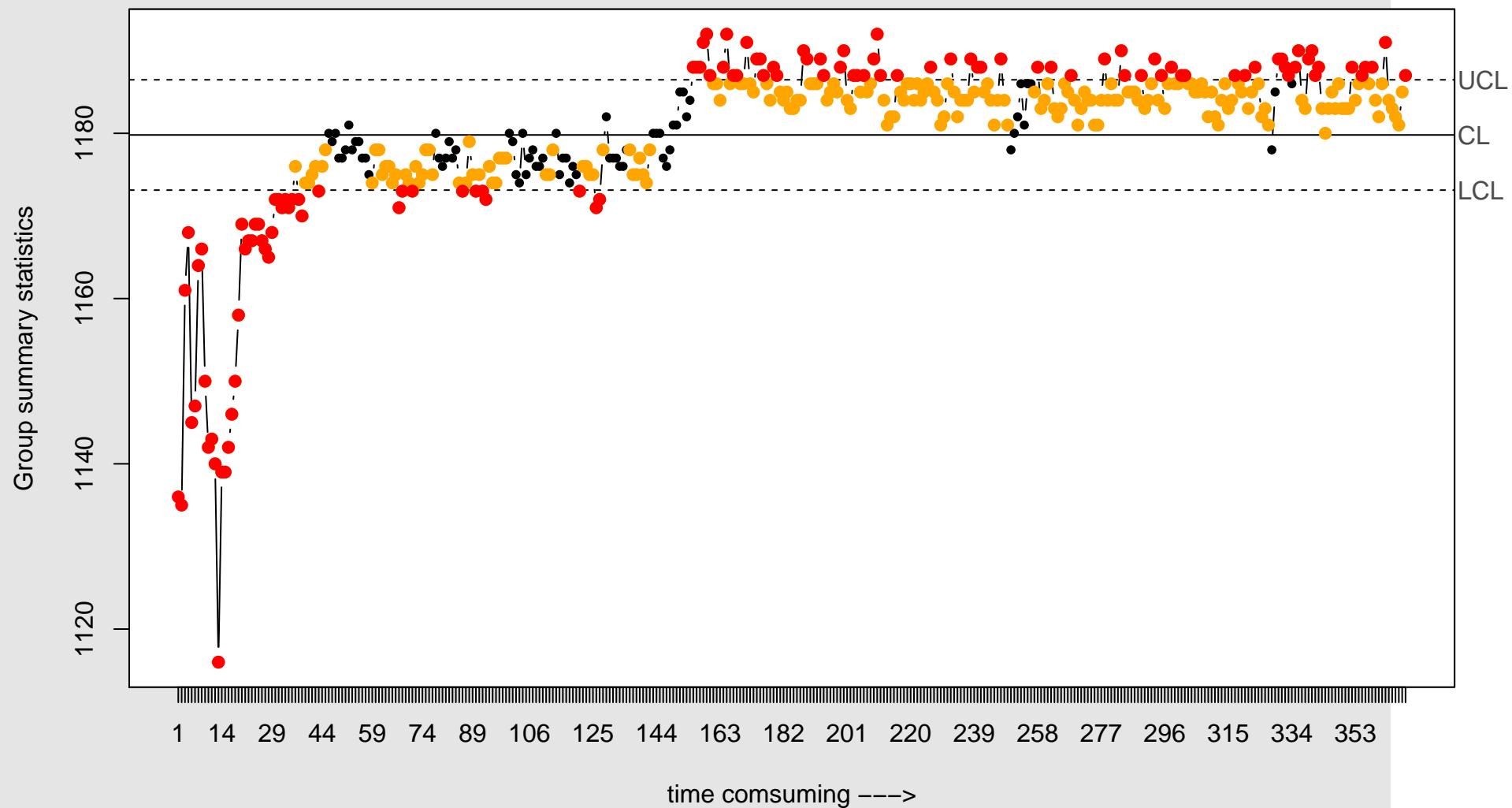
LCL = 1172.44

UCL = 1185.919

Number beyond limits = 126

Number violating runs = 289

68th column point of this product



Number of groups = 368

Center = 1179.802

StdDev = 2.224767

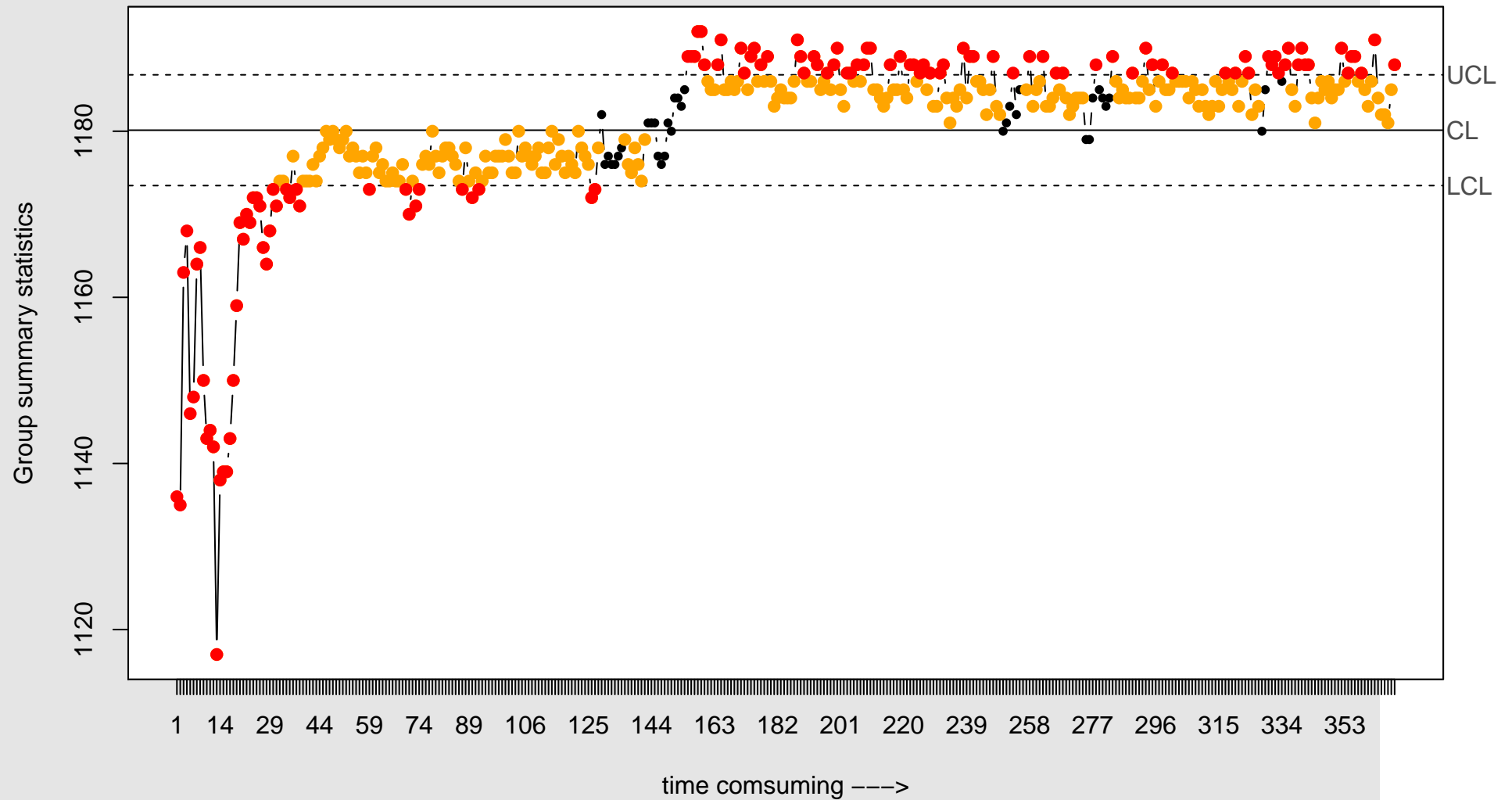
LCL = 1173.127

UCL = 1186.476

Number beyond limits = 114

Number violating runs = 291

69th column point of this product

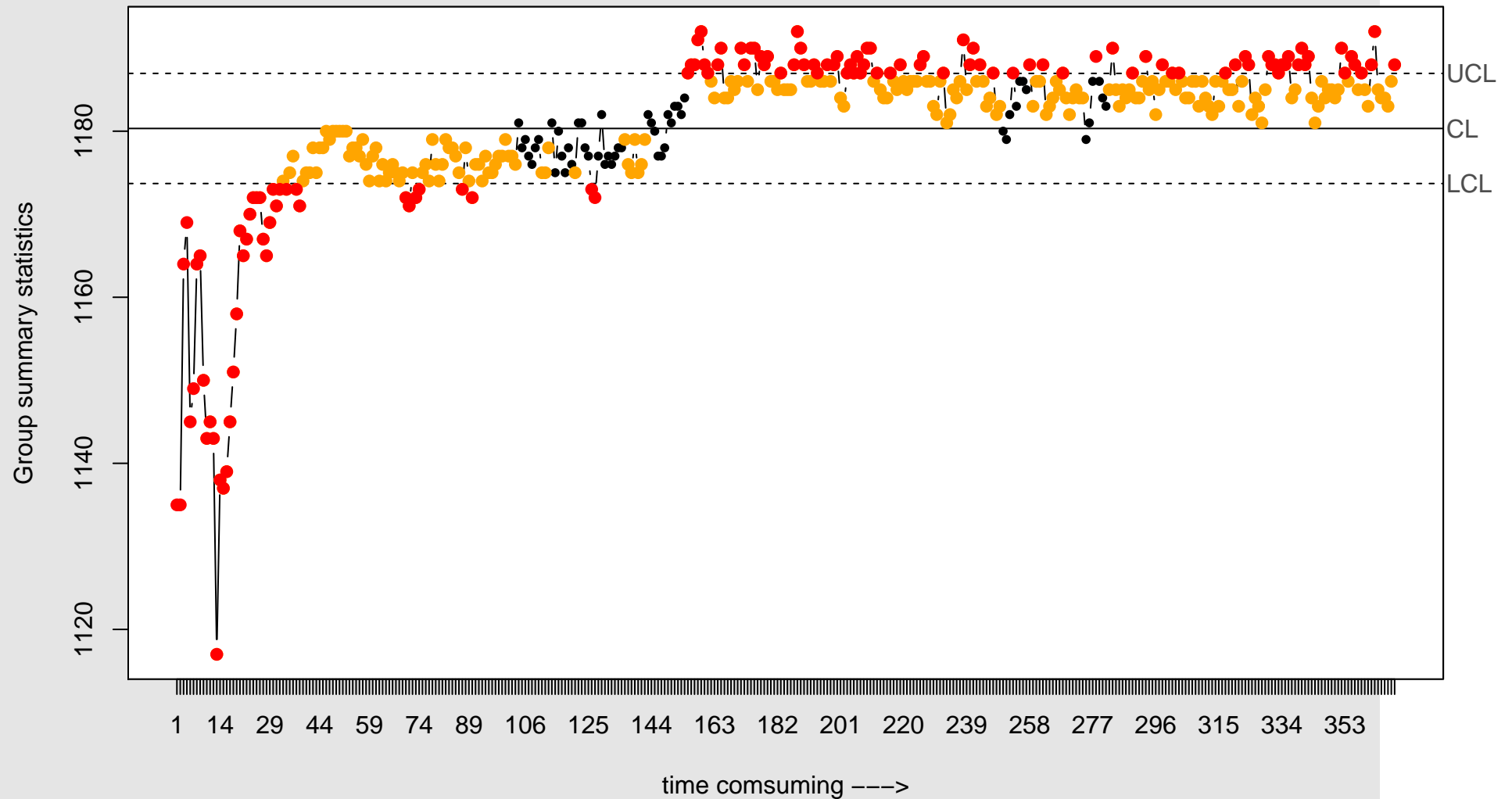


Number of groups = 368
Center = 1180.122
StdDev = 2.222351

LCL = 1173.455
UCL = 1186.789

Number beyond limits = 119
Number violating runs = 319

70th column point of this product



Number of groups = 368

Center = 1180.326

StdDev = 2.210273

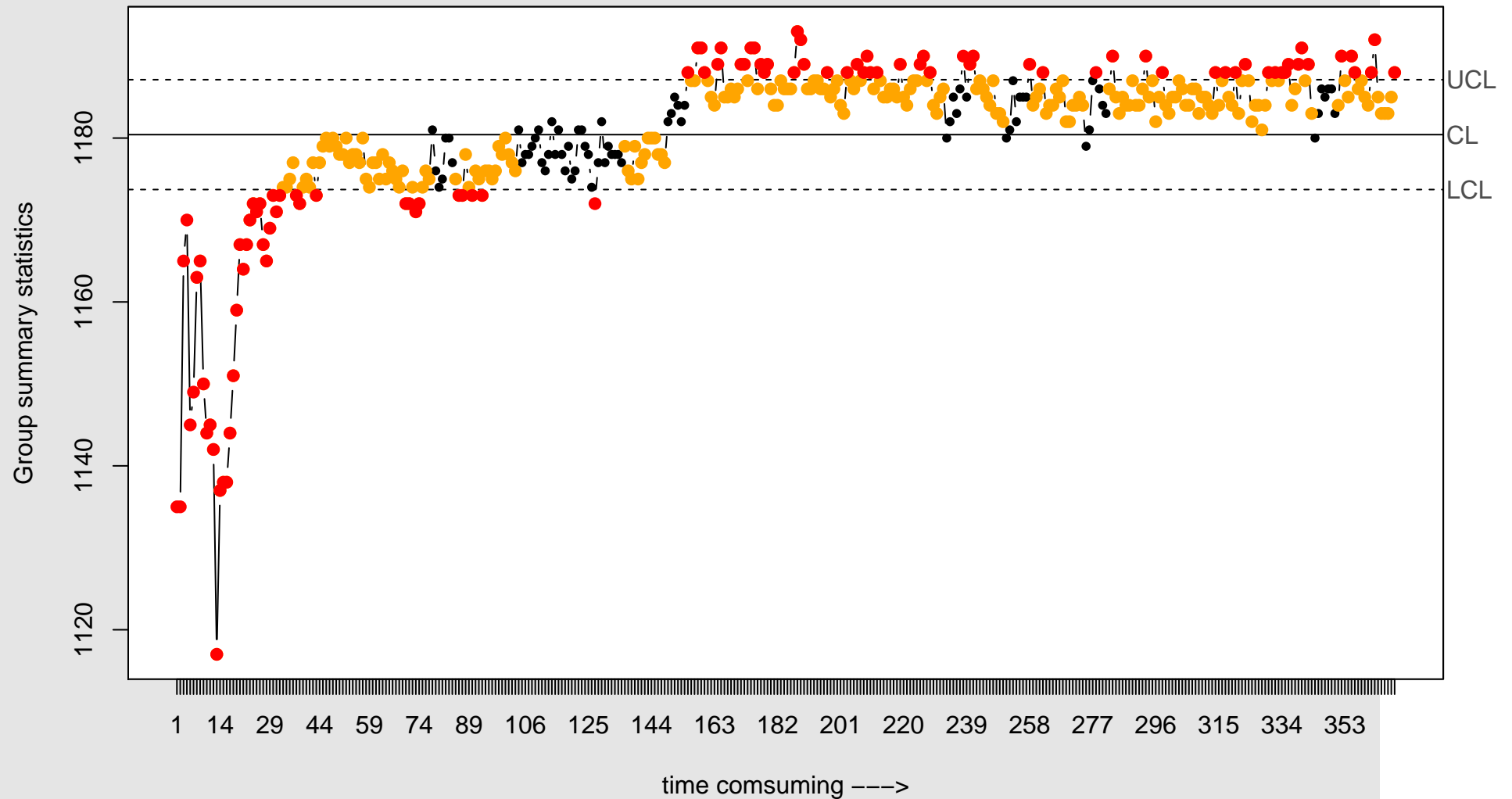
LCL = 1173.695

UCL = 1186.957

Number beyond limits = 122

Number violating runs = 307

71th column point of this product



Number of groups = 368

Center = 1180.418

StdDev = 2.234429

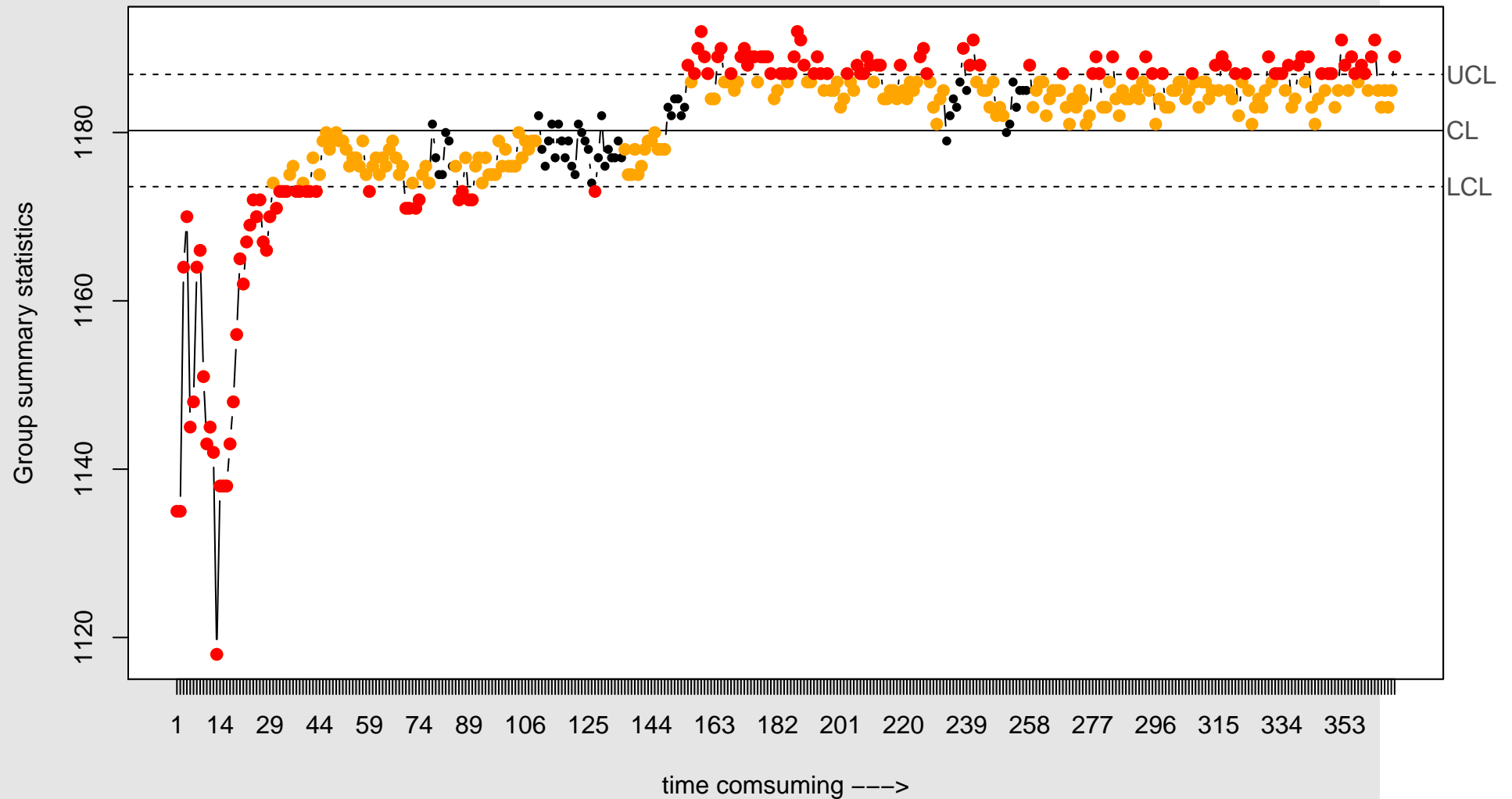
LCL = 1173.715

UCL = 1187.122

Number beyond limits = 99

Number violating runs = 289

72th column point of this product



Number of groups = 368

Center = 1180.236

StdDev = 2.222351

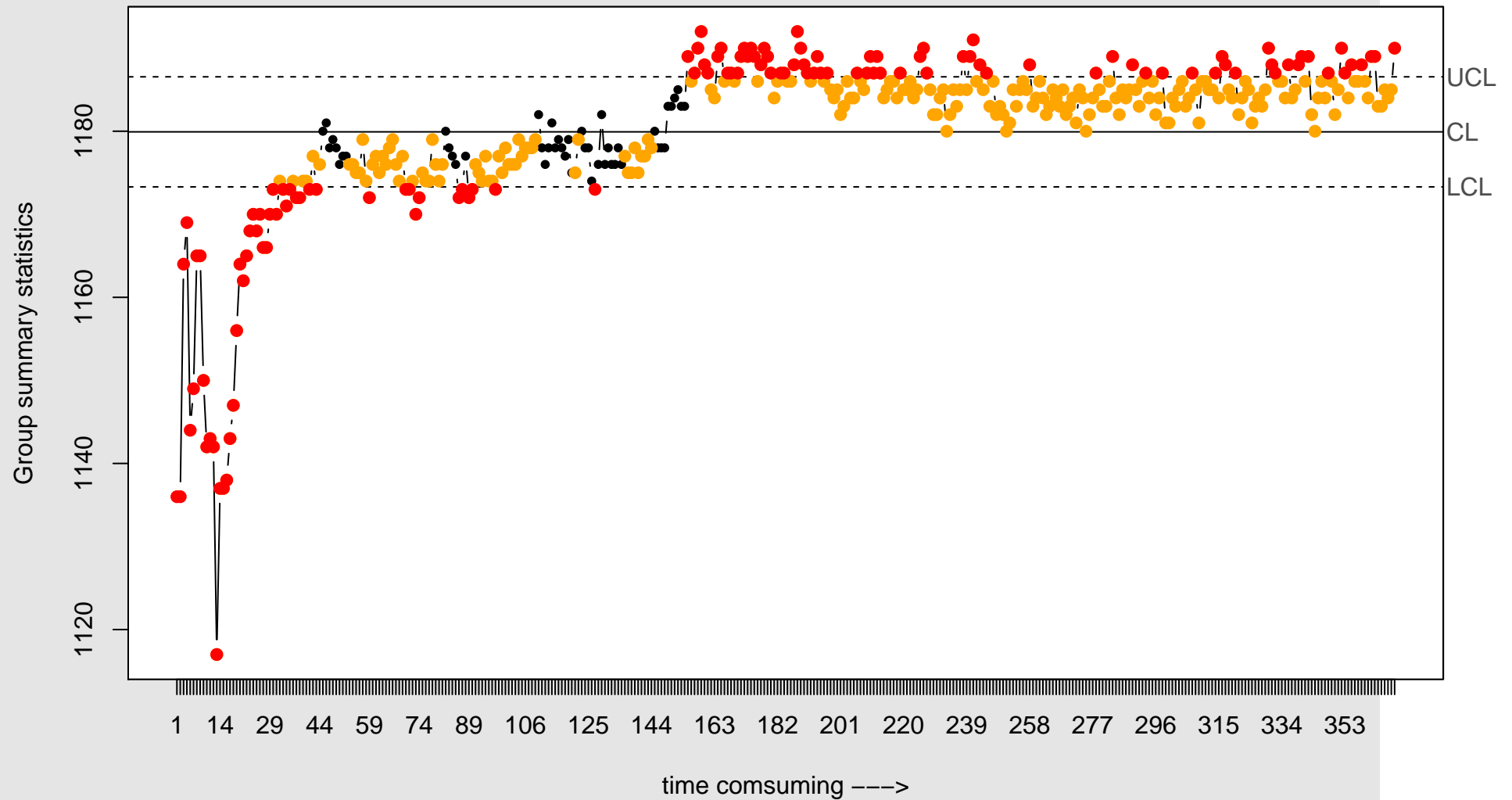
LCL = 1173.569

UCL = 1186.903

Number beyond limits = 129

Number violating runs = 309

73th column point of this product

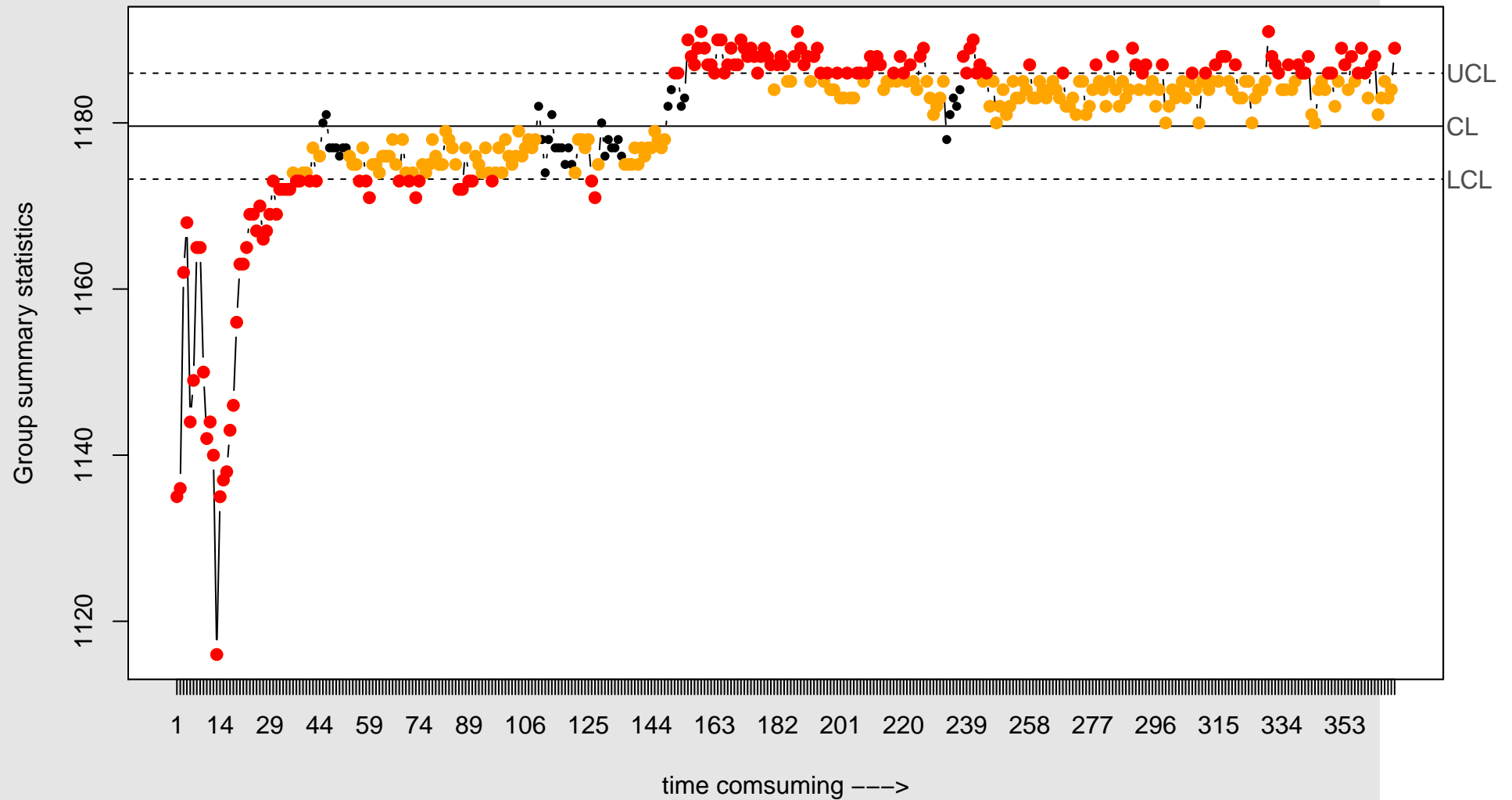


Number of groups = 368
Center = 1179.924
StdDev = 2.207857

LCL = 1173.3
UCL = 1186.547

Number beyond limits = 121
Number violating runs = 313

74th column point of this product

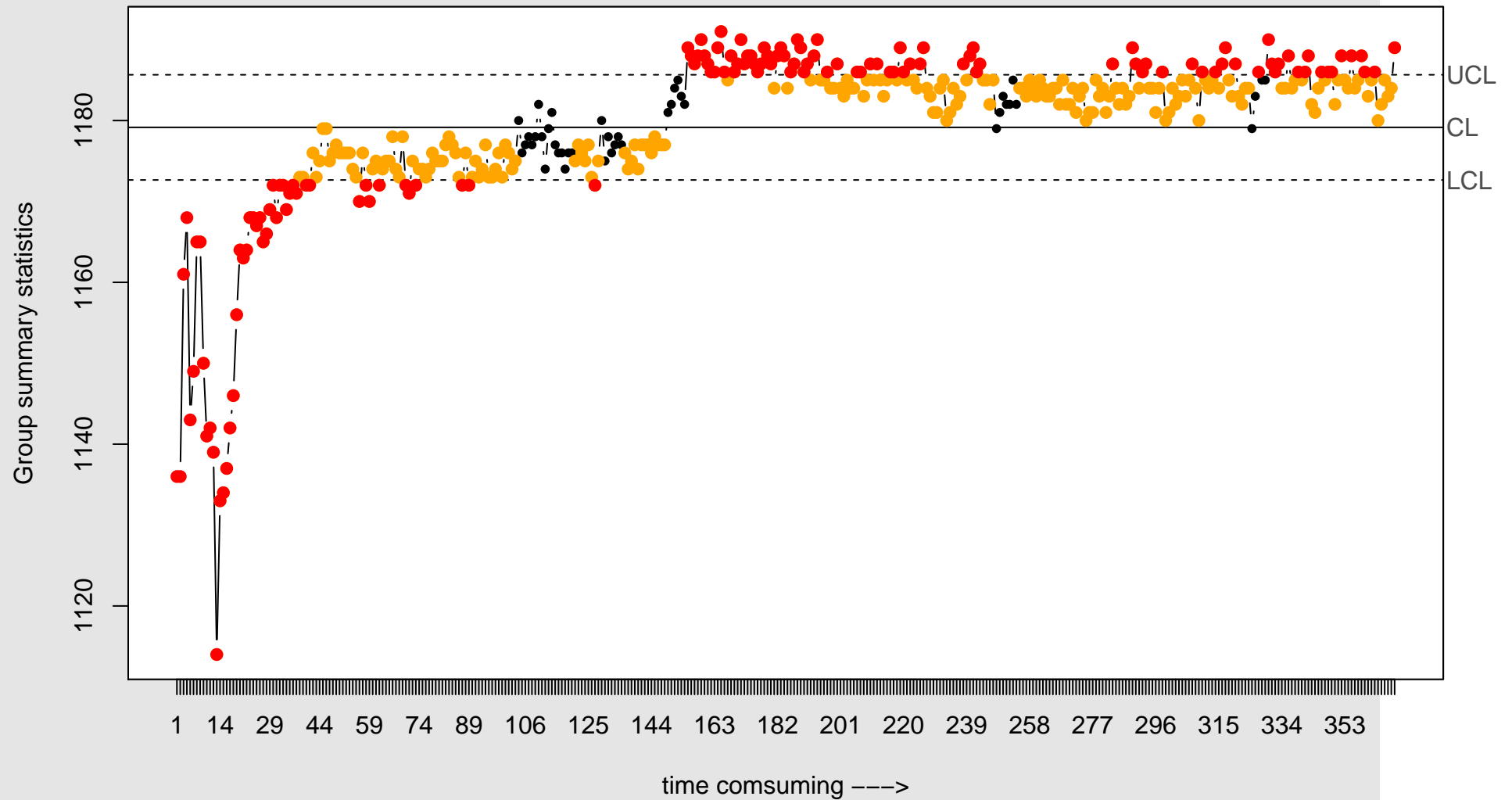


Number of groups = 368
Center = 1179.609
StdDev = 2.125727

LCL = 1173.232
UCL = 1185.986

Number beyond limits = 150
Number violating runs = 323

75th column point of this product



Number of groups = 368

Center = 1179.155

StdDev = 2.166792

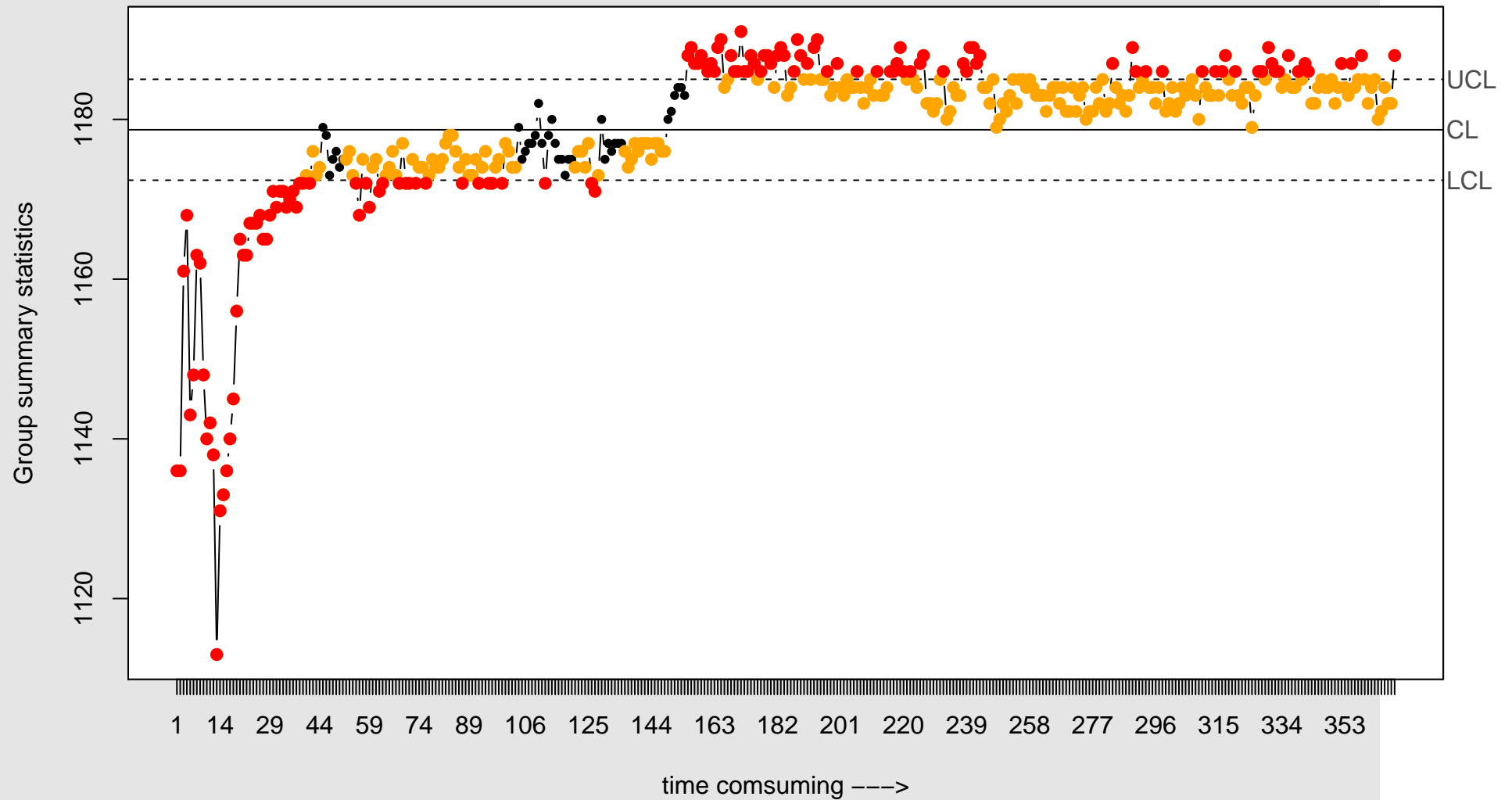
LCL = 1172.655

UCL = 1185.655

Number beyond limits = 133

Number violating runs = 318

76th column point of this product



Number of groups = 368

Center = 1178.701

StdDev = 2.106402

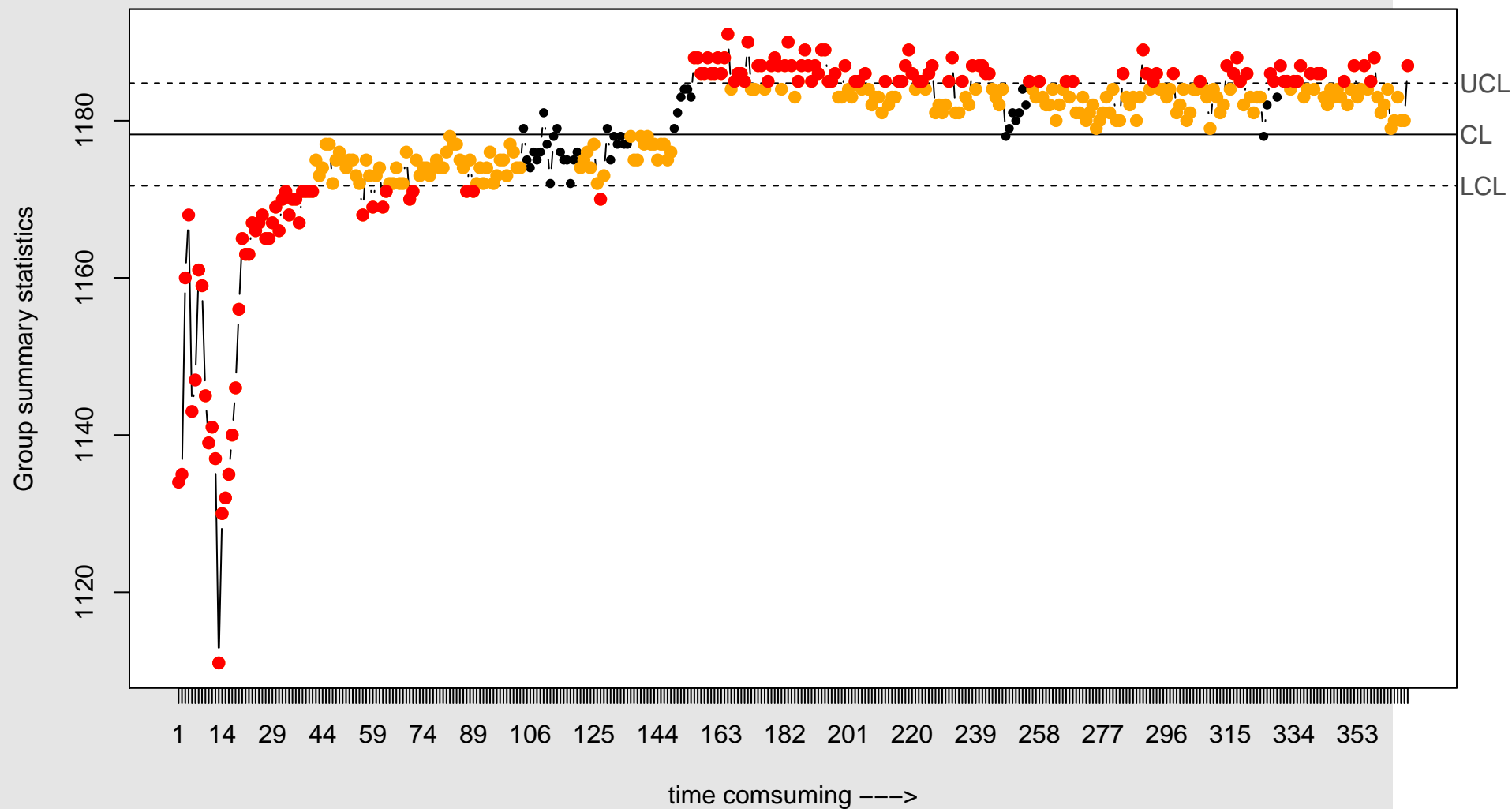
LCL = 1172.382

UCL = 1185.02

Number beyond limits = 134

Number violating runs = 325

77th column point of this product



Number of groups = 368

Center = 1178.242

StdDev = 2.176455

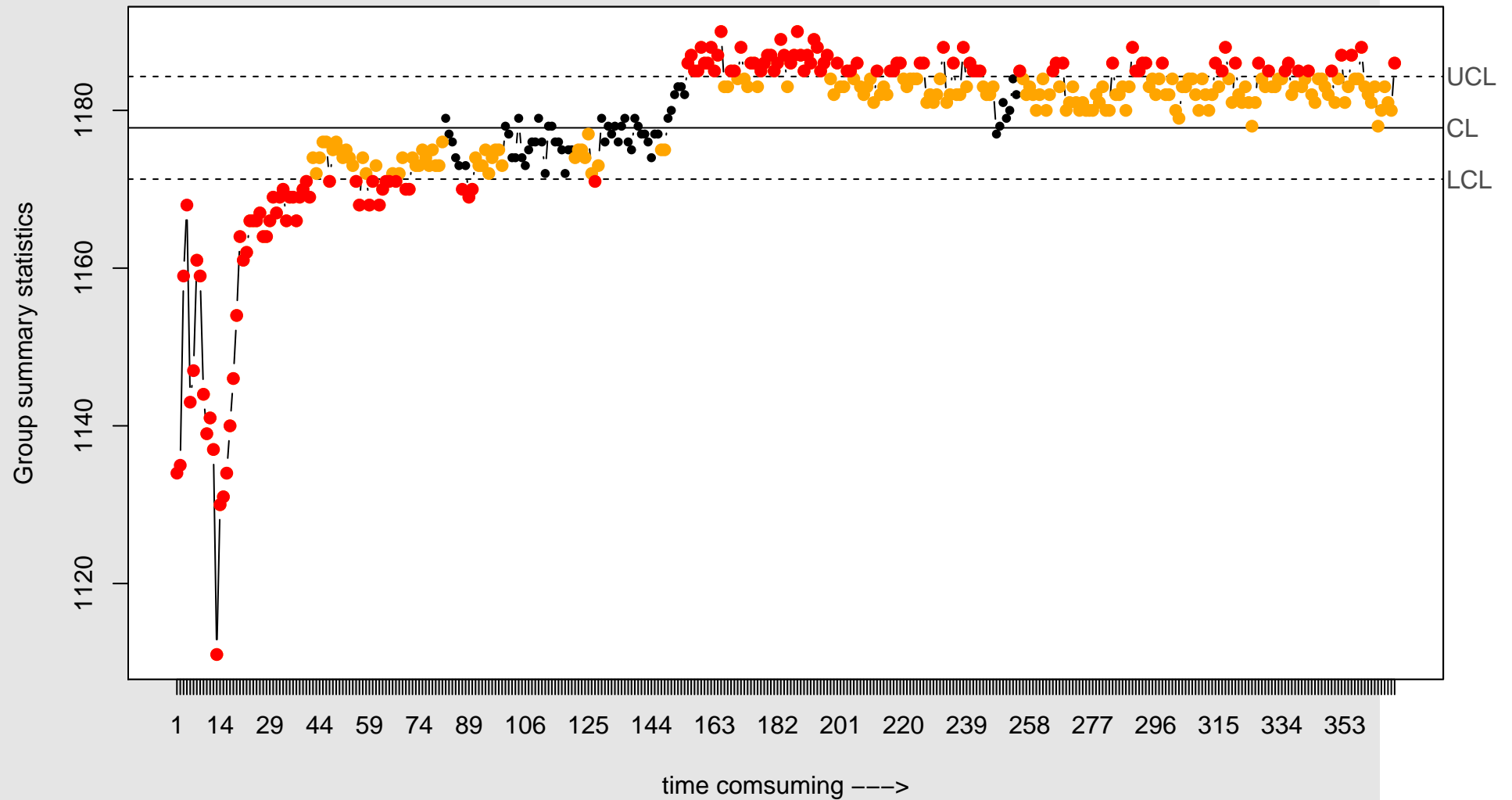
LCL = 1171.712

UCL = 1184.771

Number beyond limits = 142

Number violating runs = 318

78th column point of this product



Number of groups = 368

Center = 1177.791

StdDev = 2.169208

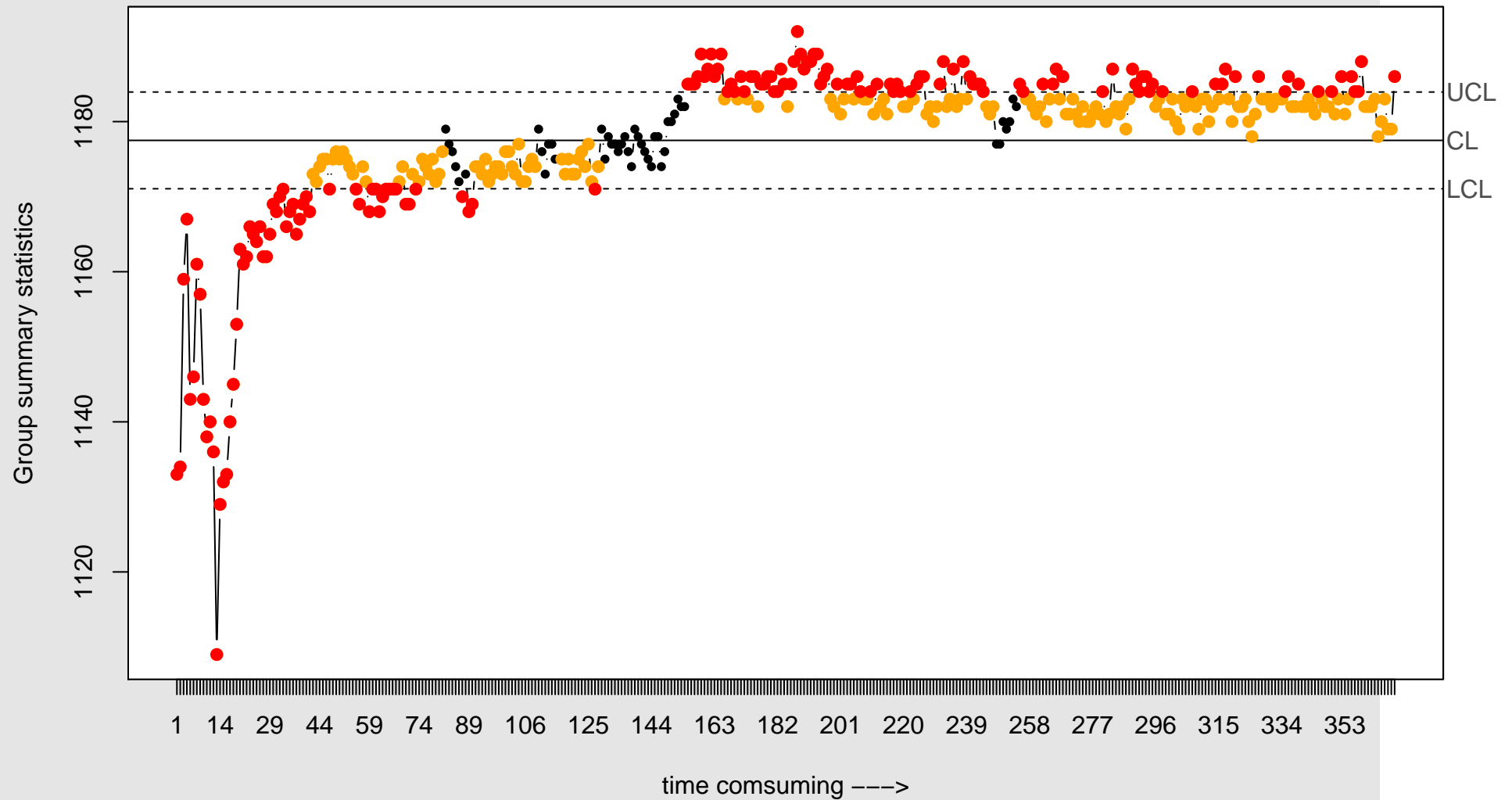
LCL = 1171.283

UCL = 1184.298

Number beyond limits = 137

Number violating runs = 303

79th column point of this product



Number of groups = 368

Center = 1177.497

StdDev = 2.147467

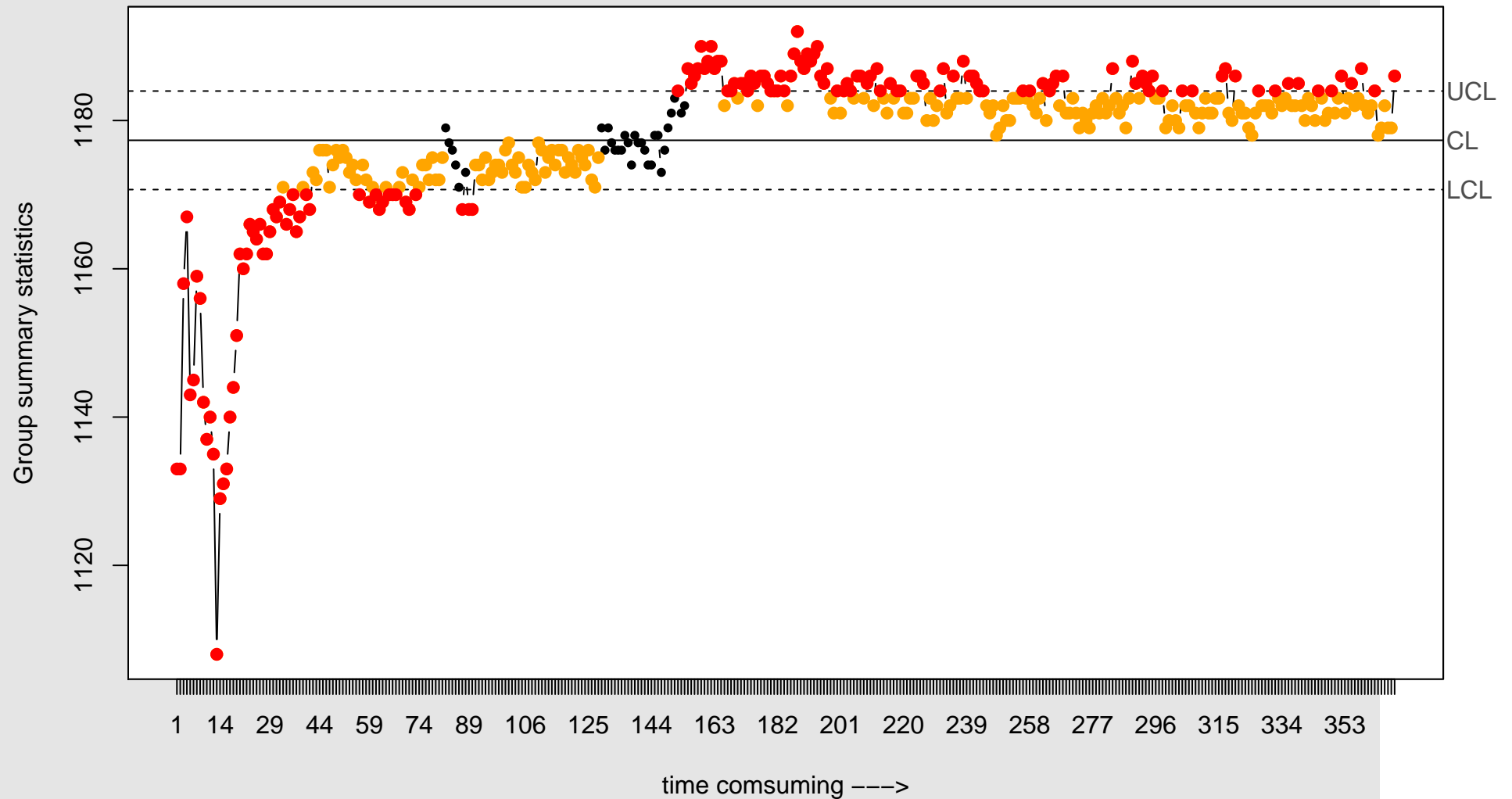
LCL = 1171.055

UCL = 1183.94

Number beyond limits = 155

Number violating runs = 314

80th column point of this product

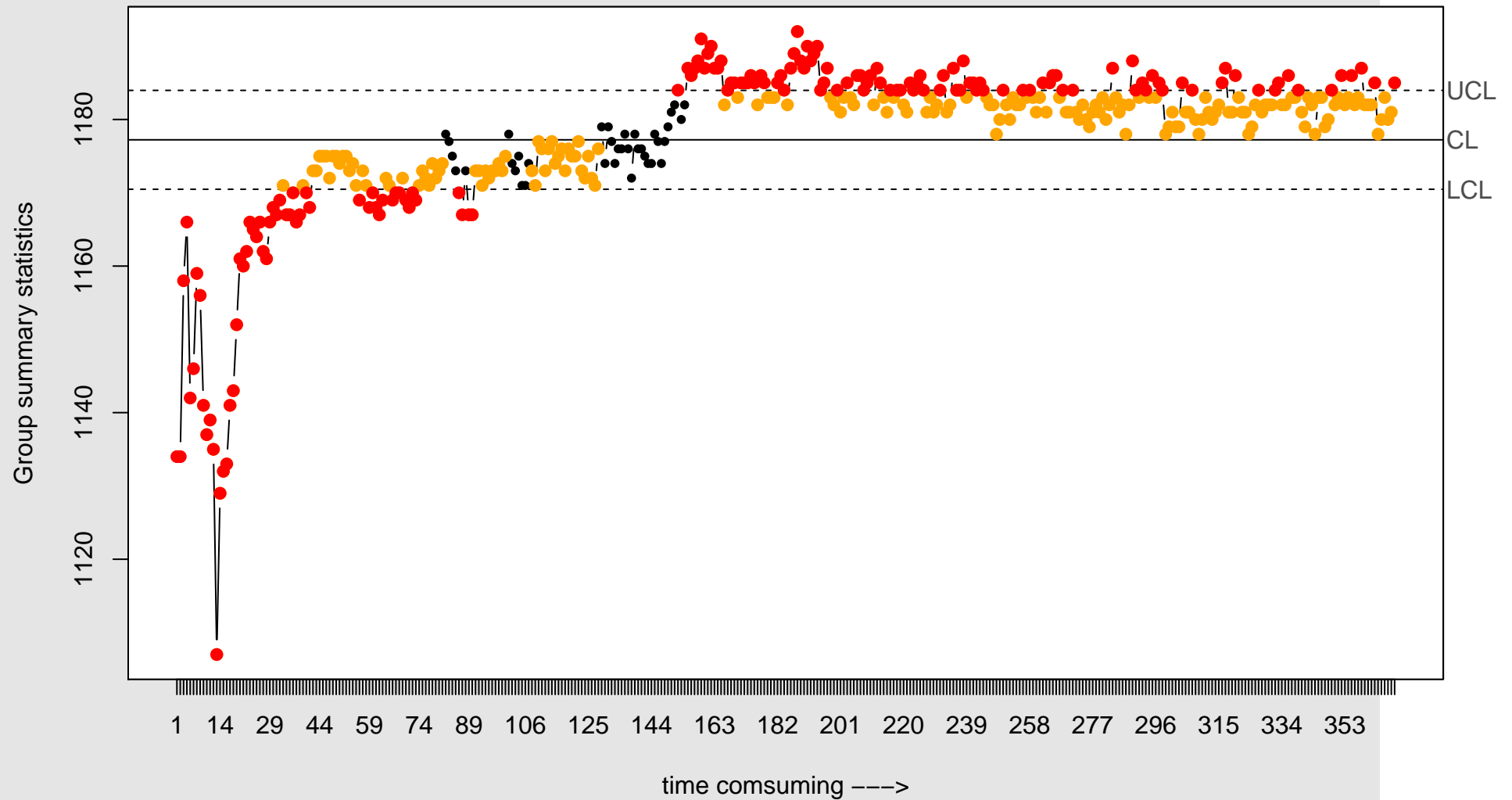


Number of groups = 368
Center = 1177.329
StdDev = 2.215104

LCL = 1170.683
UCL = 1183.974

Number beyond limits = 149
Number violating runs = 329

81th column point of this product



Number of groups = 368

Center = 1177.226

StdDev = 2.248923

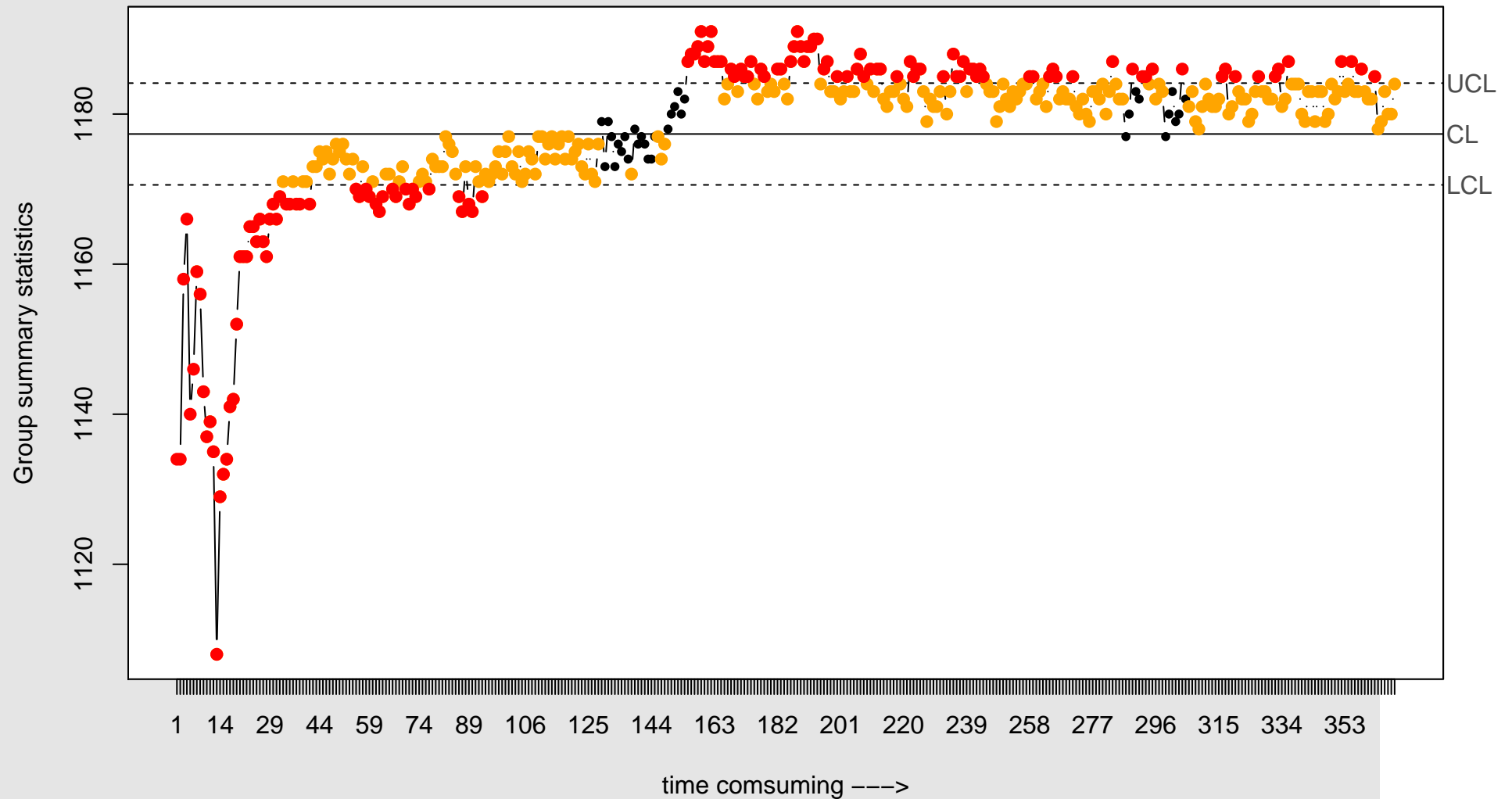
LCL = 1170.479

UCL = 1183.972

Number beyond limits = 154

Number violating runs = 322

82th column point of this product



Number of groups = 368

Center = 1177.342

StdDev = 2.261001

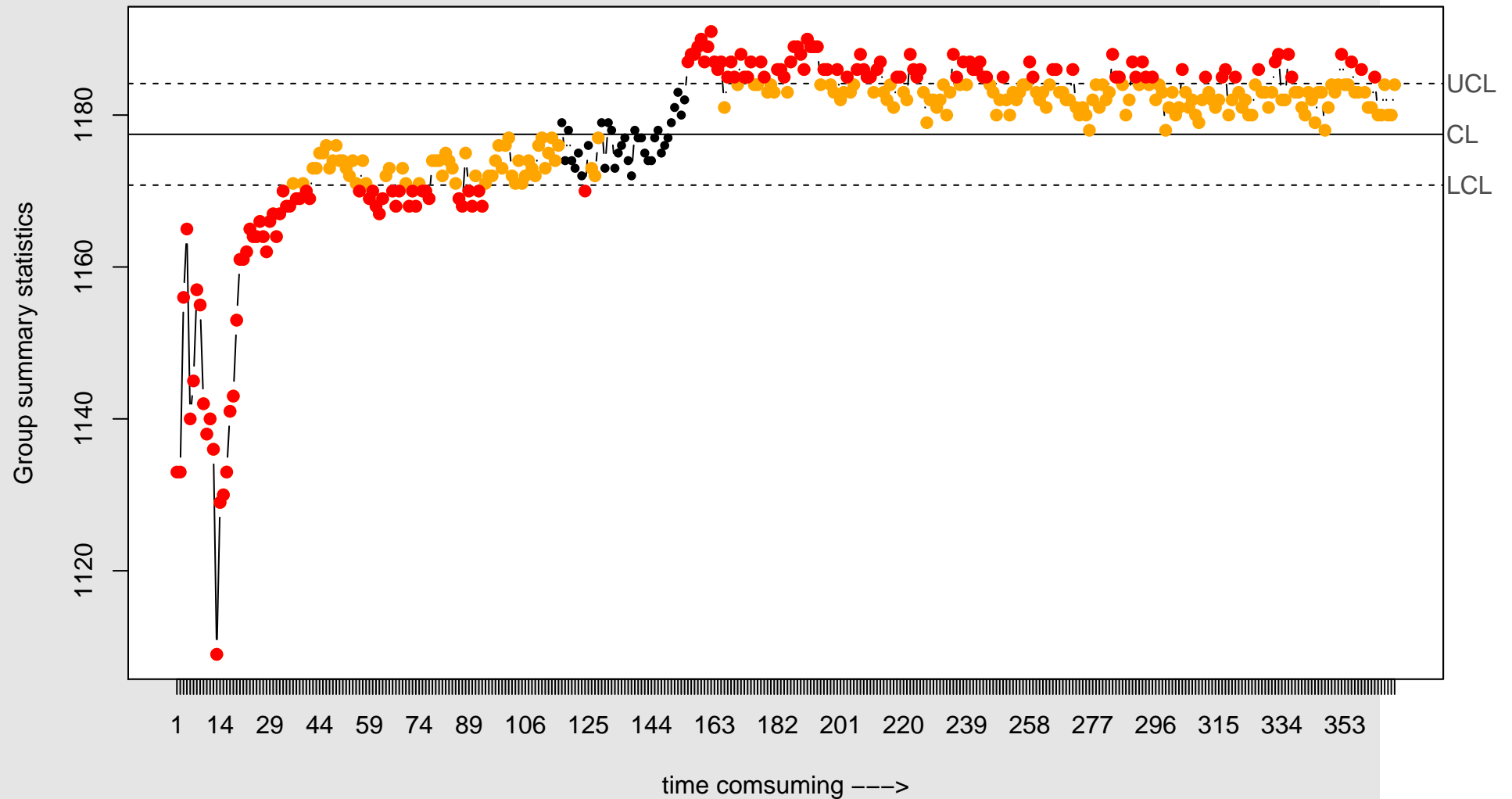
LCL = 1170.559

UCL = 1184.125

Number beyond limits = 134

Number violating runs = 326

83th column point of this product

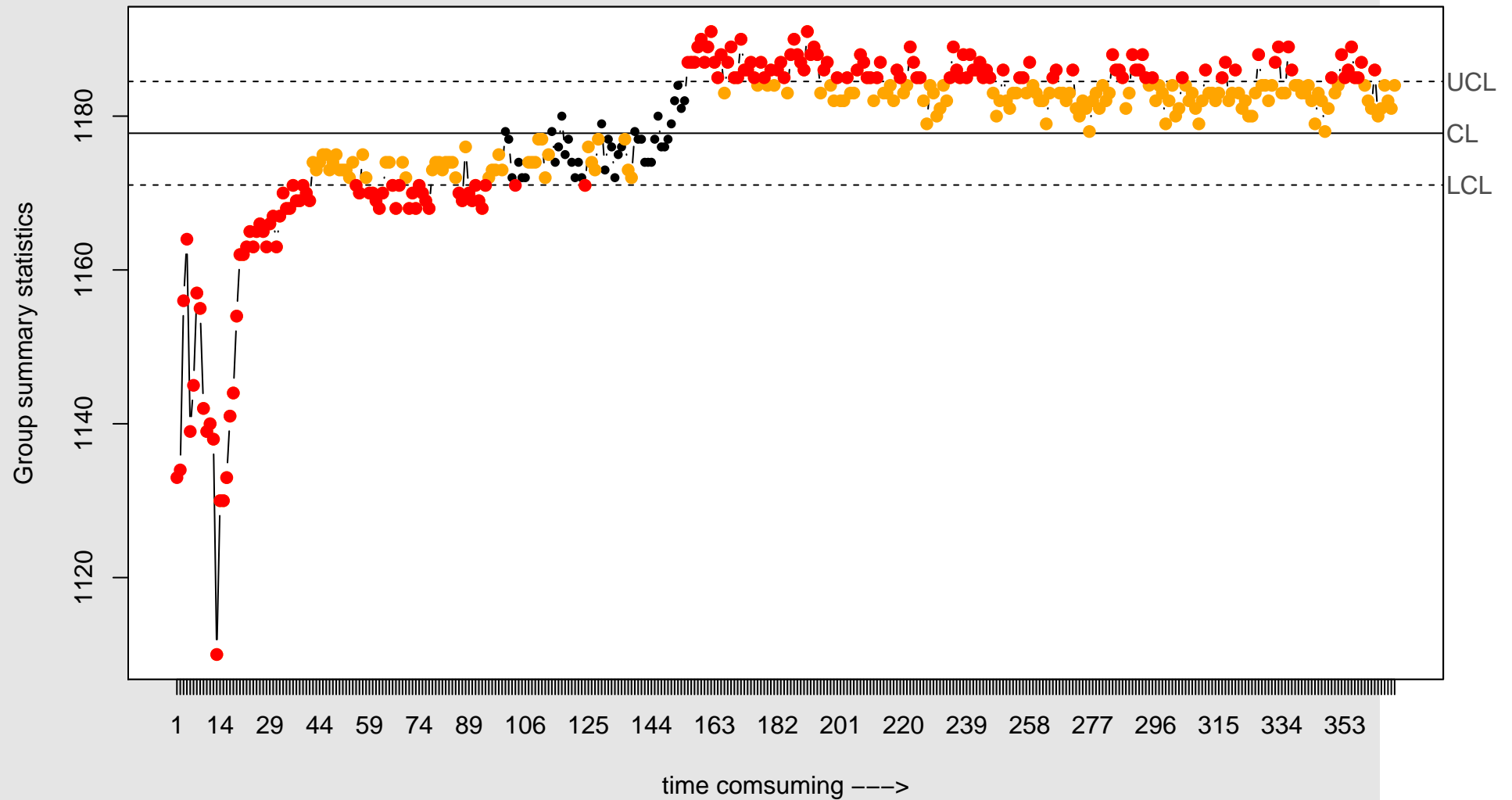


Number of groups = 368
Center = 1177.465
StdDev = 2.229598

LCL = 1170.776
UCL = 1184.153

Number beyond limits = 147
Number violating runs = 326

84th column point of this product



Number of groups = 368

Center = 1177.777

StdDev = 2.244091

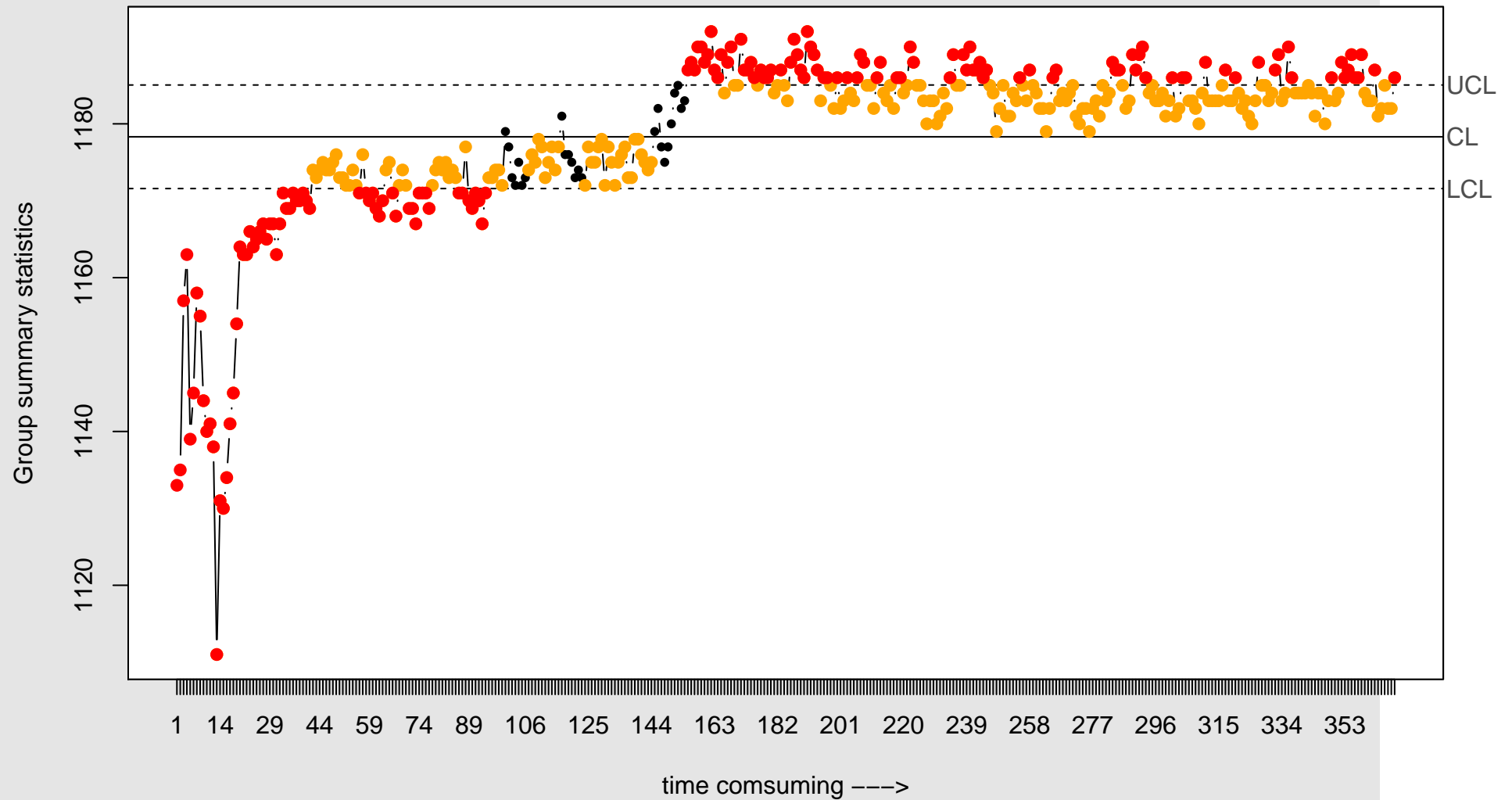
LCL = 1171.045

UCL = 1184.509

Number beyond limits = 169

Number violating runs = 321

85th column point of this product



Number of groups = 368

Center = 1178.315

StdDev = 2.244091

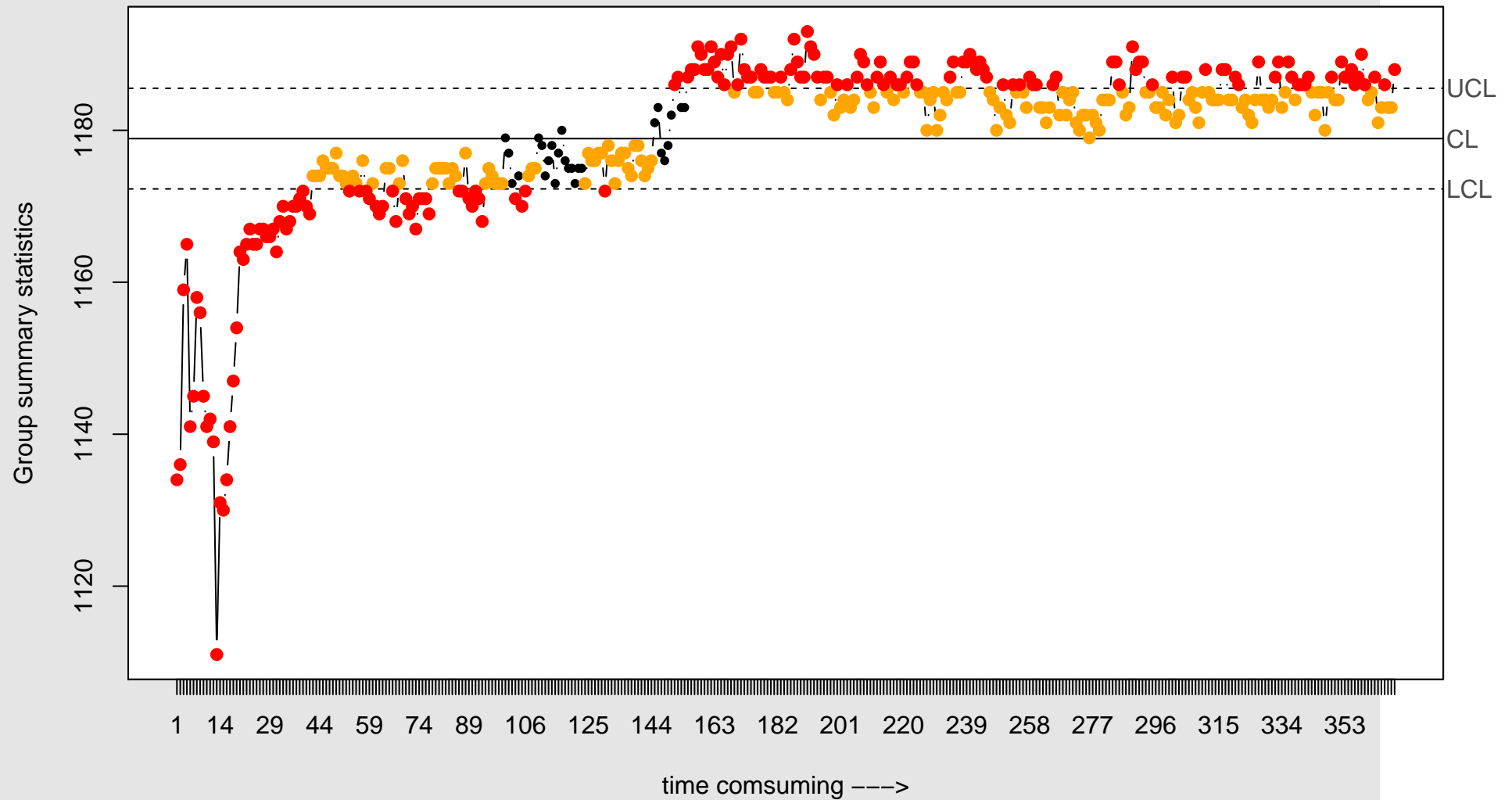
LCL = 1171.583

UCL = 1185.047

Number beyond limits = 153

Number violating runs = 337

86th column point of this product



Number of groups = 368

Center = 1178.908

StdDev = 2.207857

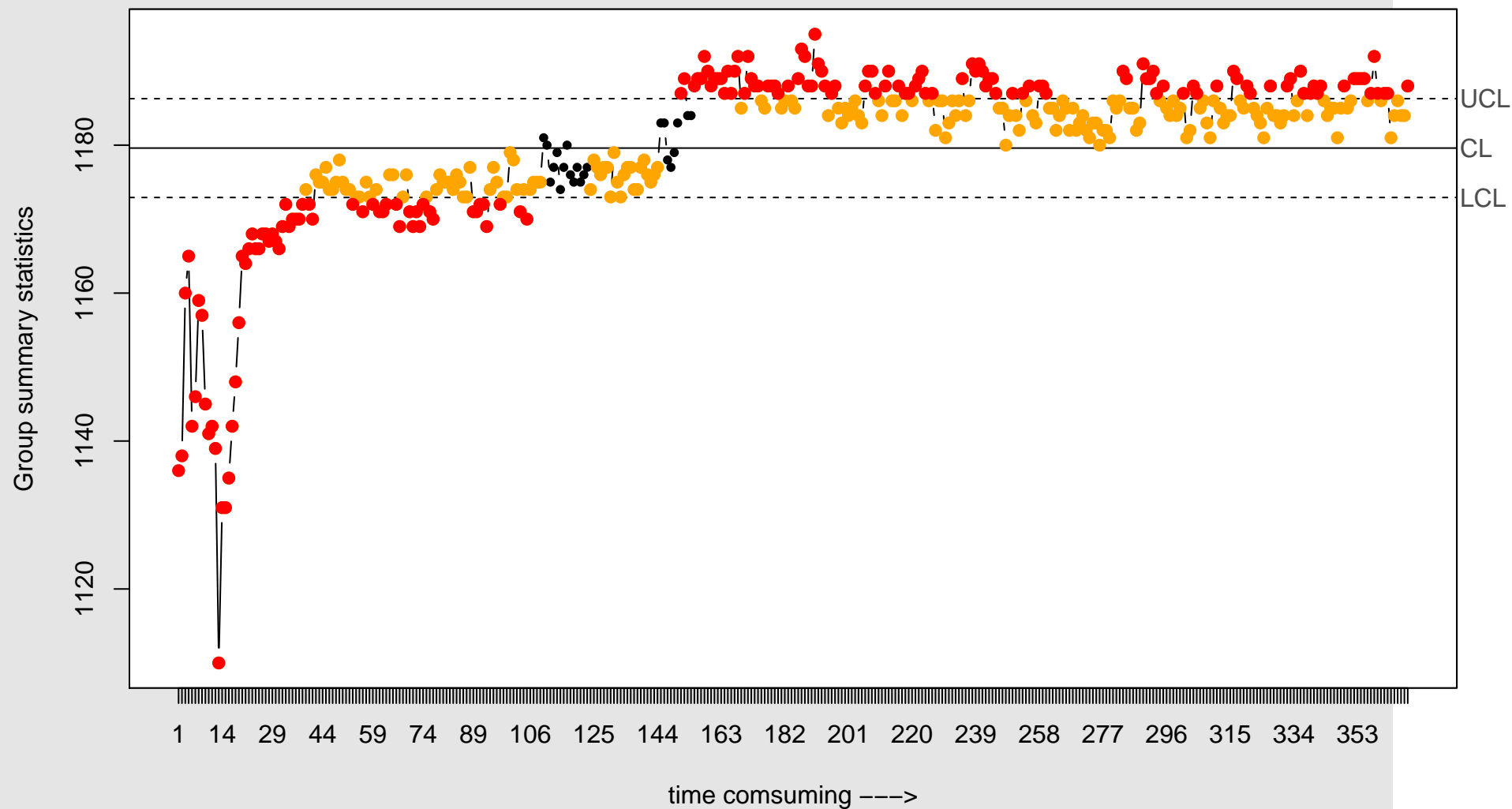
LCL = 1172.284

UCL = 1185.531

Number beyond limits = 177

Number violating runs = 330

87th column point of this product

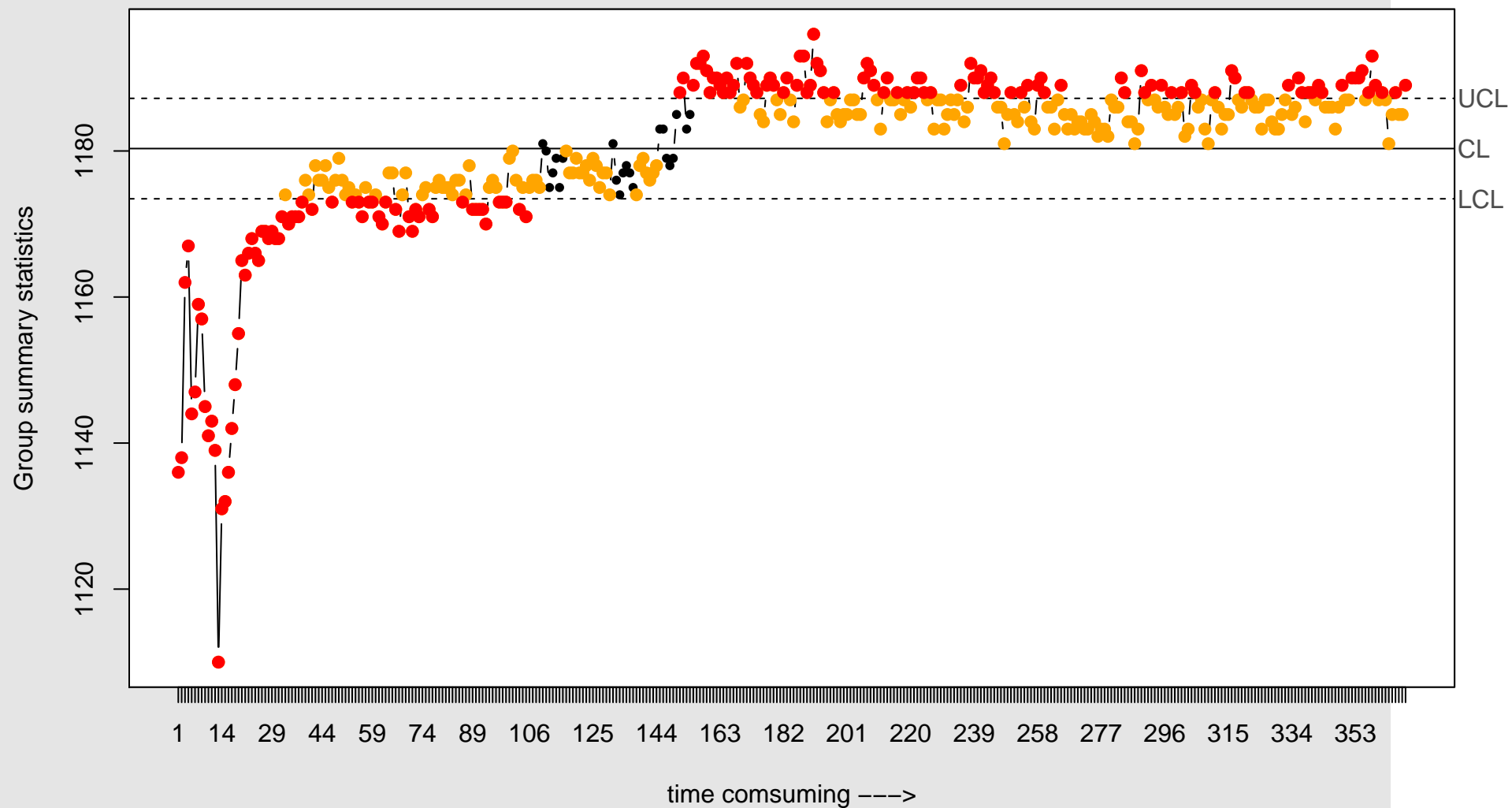


Number of groups = 368
Center = 1179.606
StdDev = 2.227182

LCL = 1172.924
UCL = 1186.288

Number beyond limits = 165
Number violating runs = 337

88th column point of this product

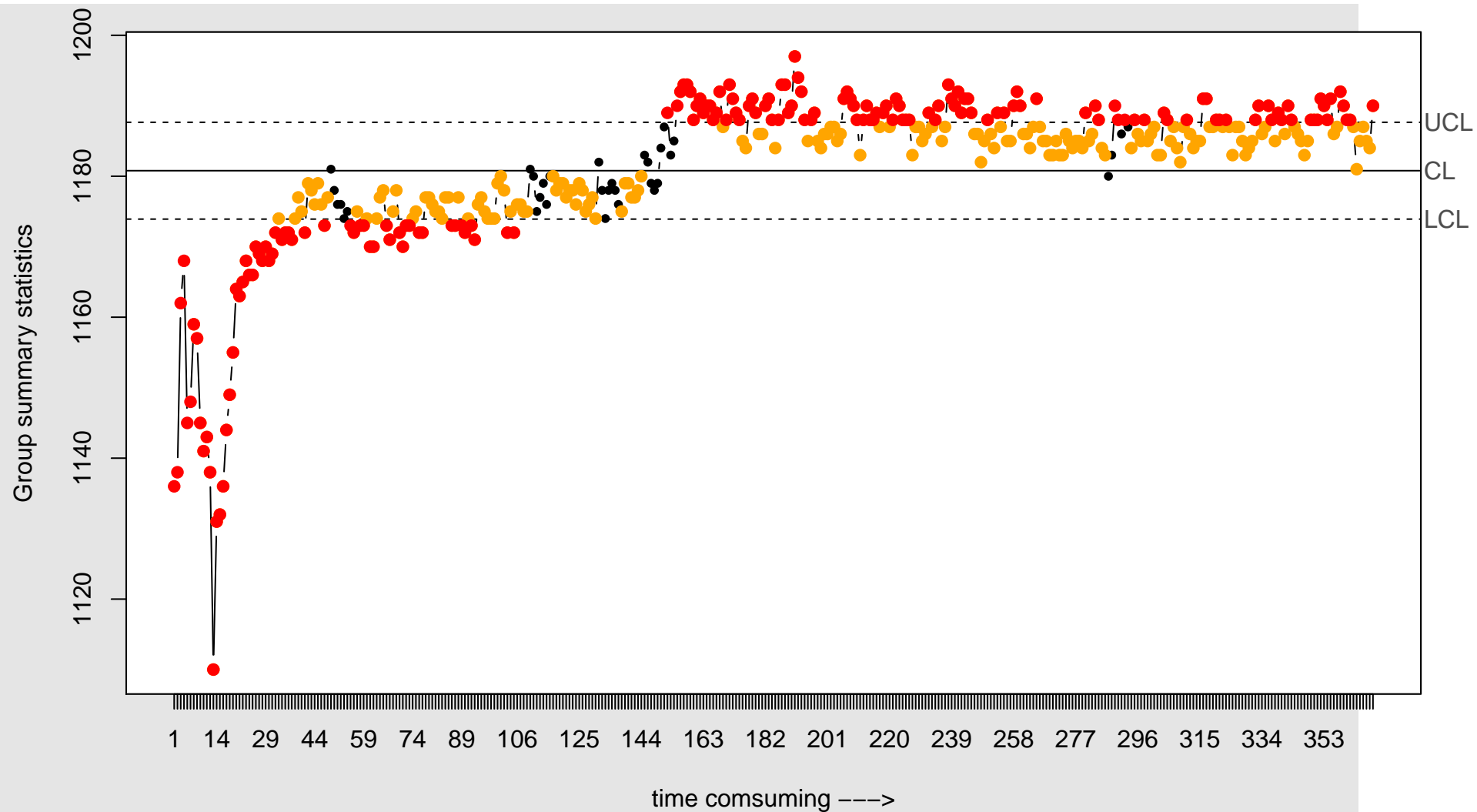


Number of groups = 368
Center = 1180.332
StdDev = 2.292403

LCL = 1173.454
UCL = 1187.209

Number beyond limits = 163
Number violating runs = 337

89th column point of this product



Number of groups = 368

Center = 1180.788

StdDev = 2.289988

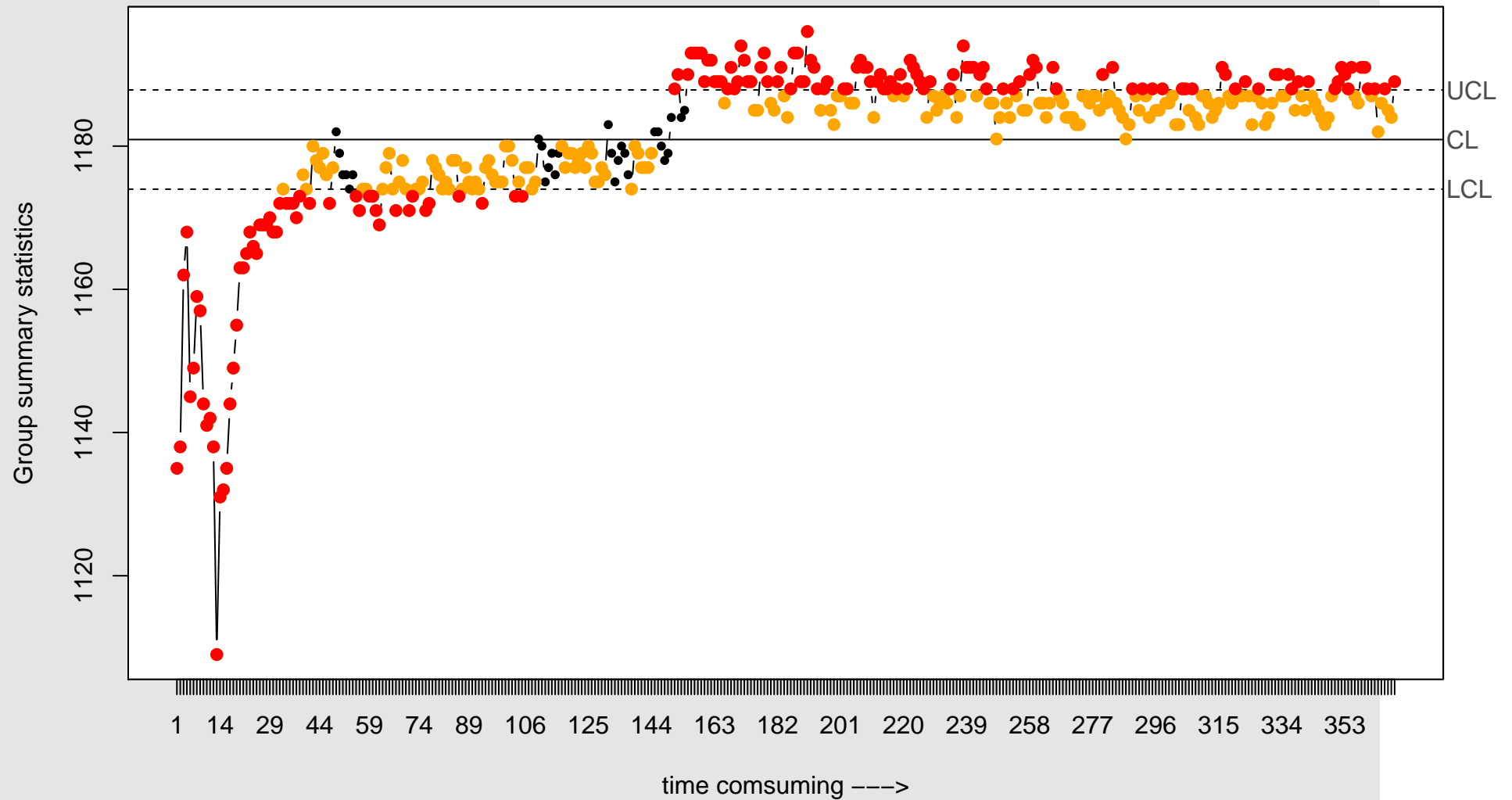
LCL = 1173.918

UCL = 1187.658

Number beyond limits = 169

Number violating runs = 323

90th column point of this product

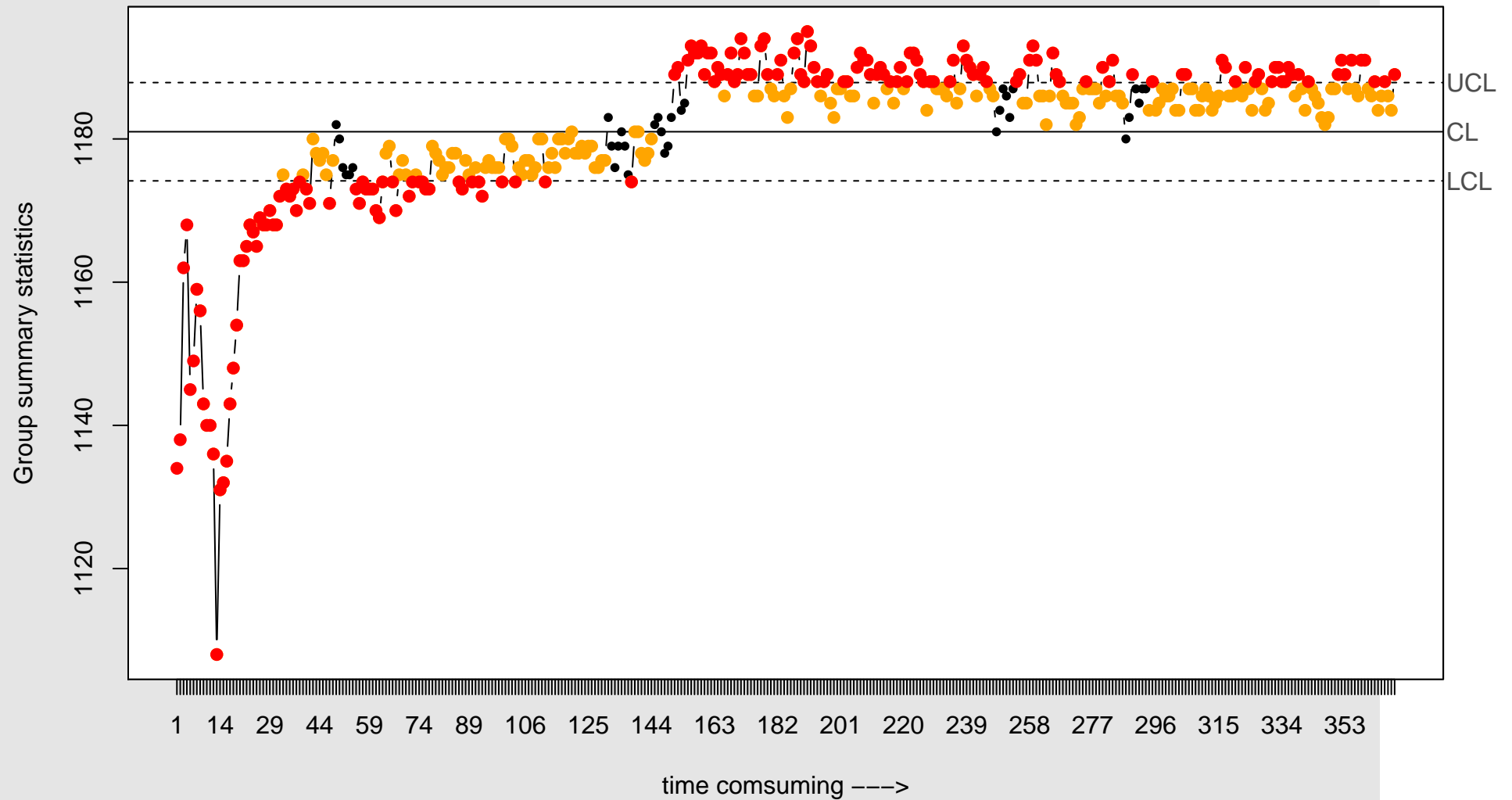


Number of groups = 368
Center = 1180.916
StdDev = 2.309313

LCL = 1173.988
UCL = 1187.844

Number beyond limits = 161
Number violating runs = 330

91th column point of this product

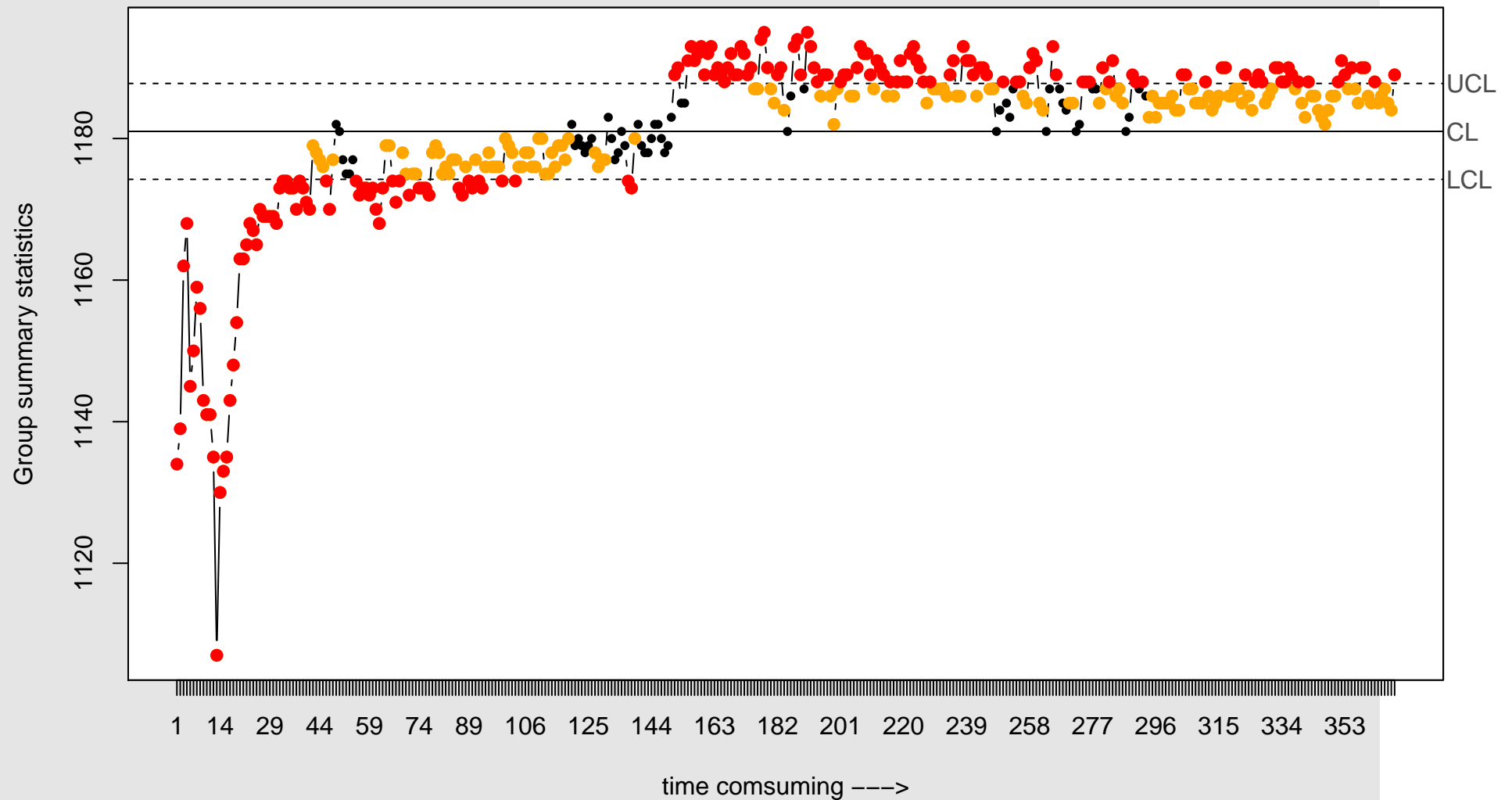


Number of groups = 368
Center = 1181.008
StdDev = 2.287572

LCL = 1174.145
UCL = 1187.871

Number beyond limits = 172
Number violating runs = 323

92th column point of this product

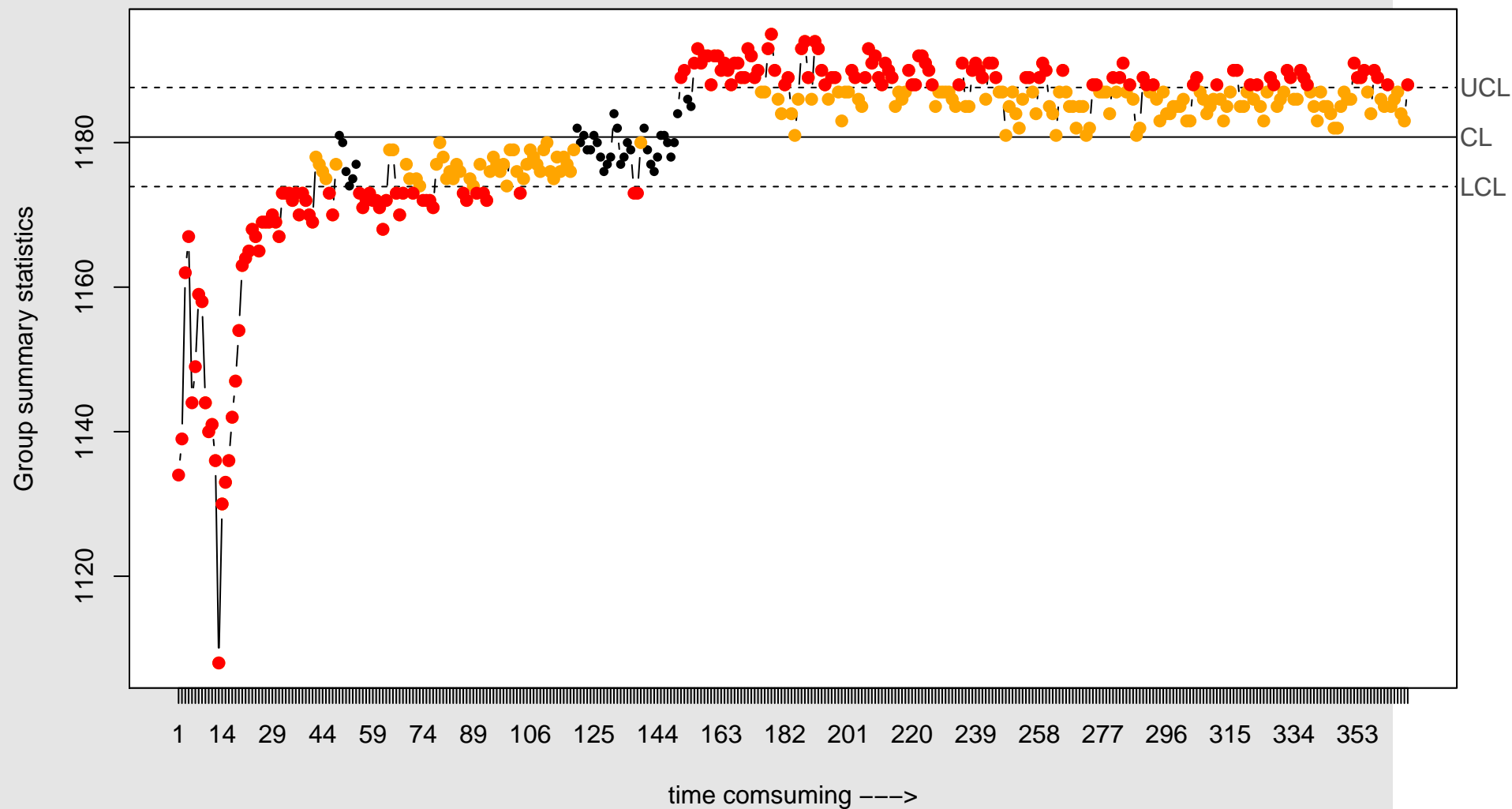


Number of groups = 368
Center = 1181.003
StdDev = 2.258585

LCL = 1174.227
UCL = 1187.778

Number beyond limits = 179
Number violating runs = 290

93th column point of this product

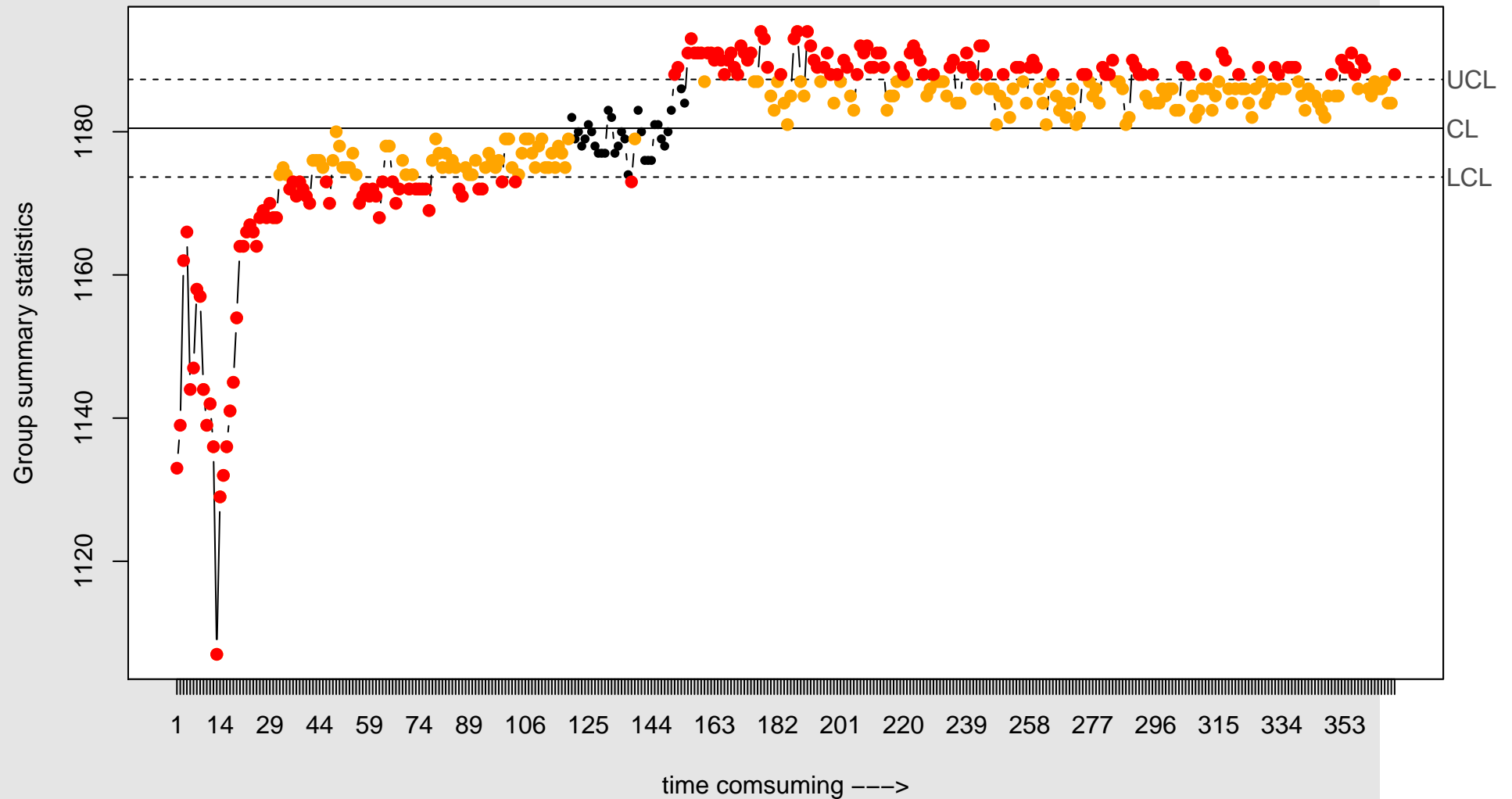


Number of groups = 368
Center = 1180.769
StdDev = 2.285157

LCL = 1173.914
UCL = 1187.624

Number beyond limits = 169
Number violating runs = 320

94th column point of this product



Number of groups = 368

Center = 1180.489

StdDev = 2.273079

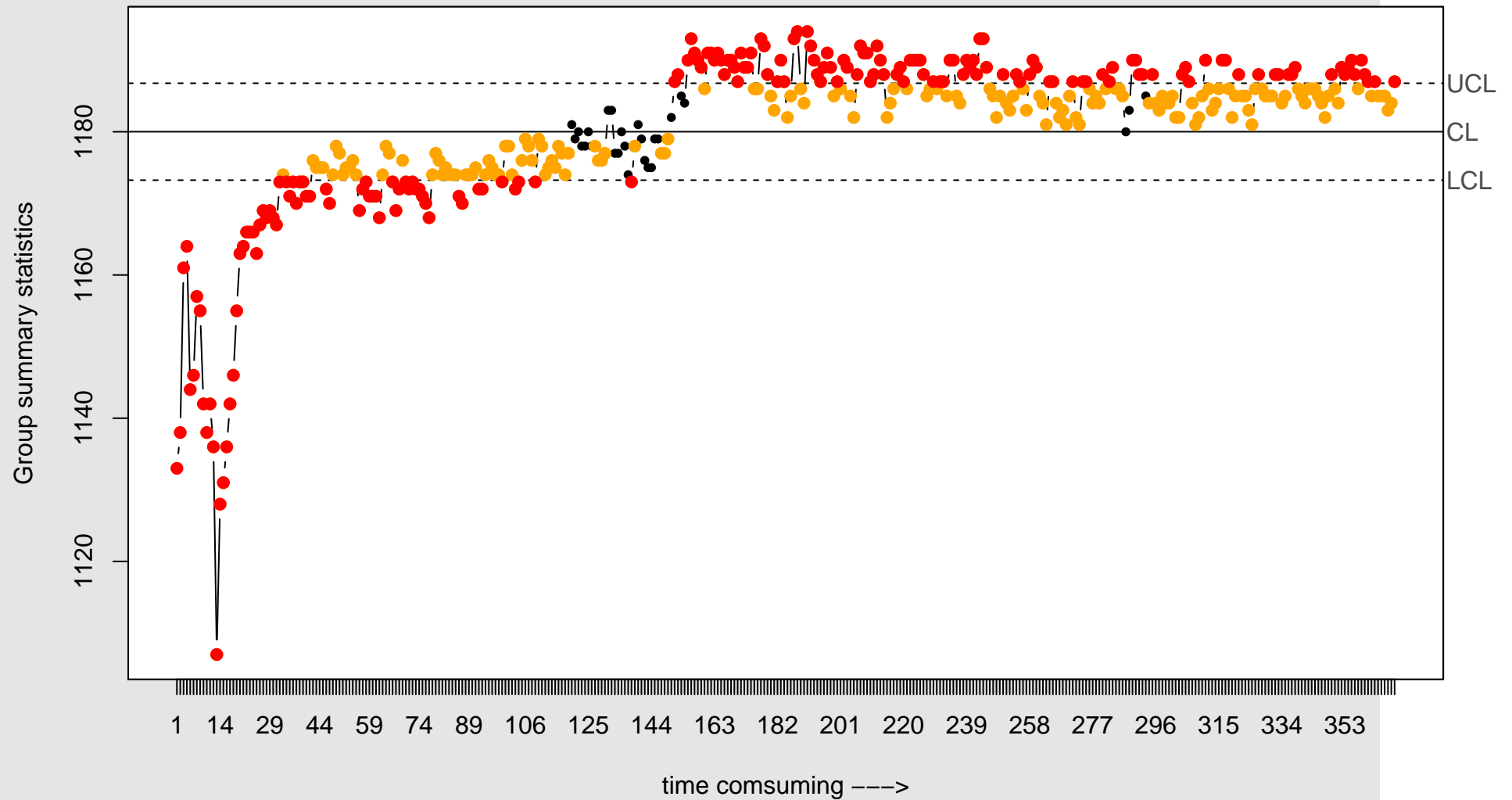
LCL = 1173.67

UCL = 1187.308

Number beyond limits = 167

Number violating runs = 327

95th column point of this product



Number of groups = 368

Center = 1180.011

StdDev = 2.256169

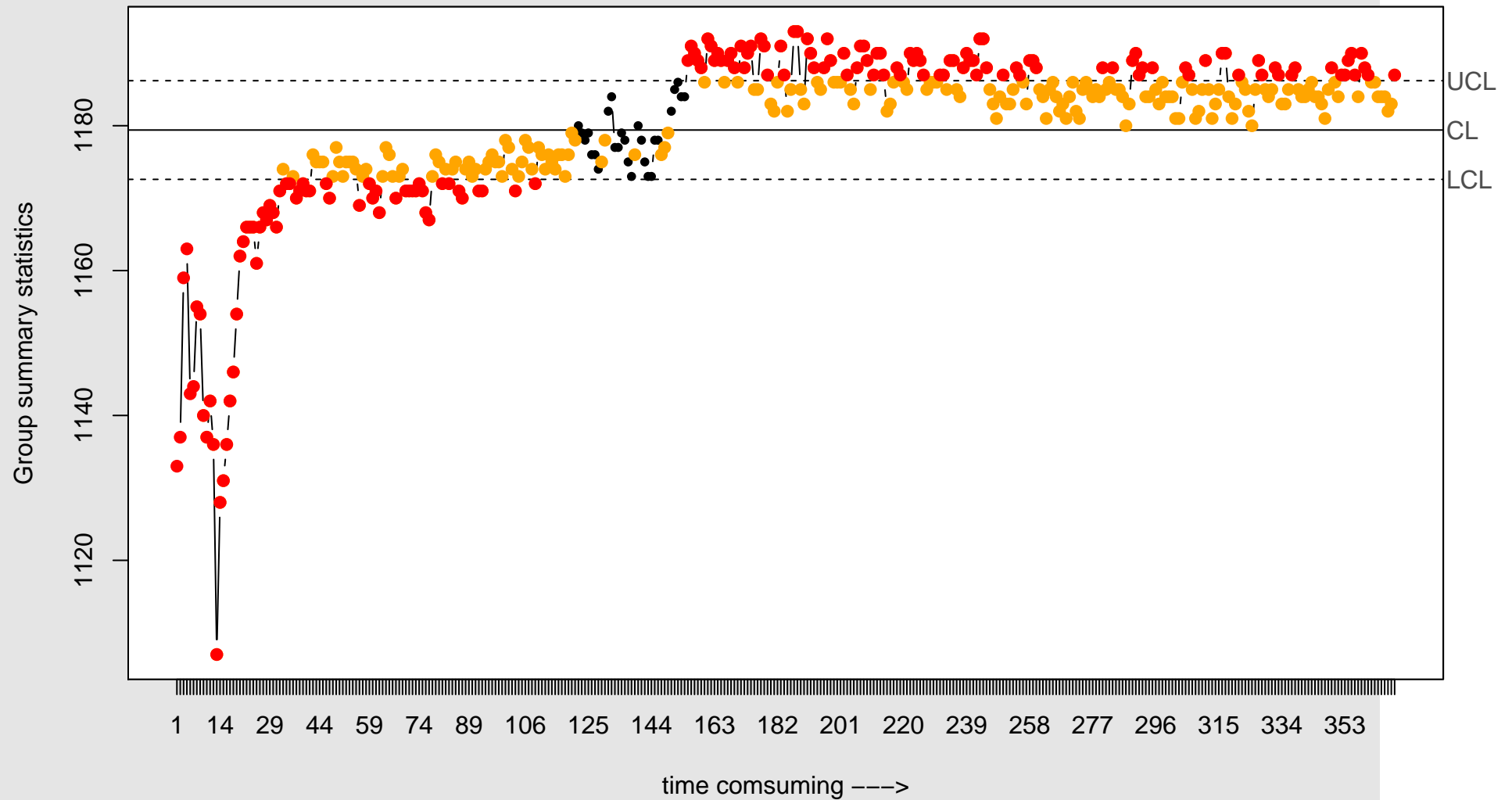
LCL = 1173.242

UCL = 1186.779

Number beyond limits = 182

Number violating runs = 327

96th column point of this product



Number of groups = 368

Center = 1179.402

StdDev = 2.270663

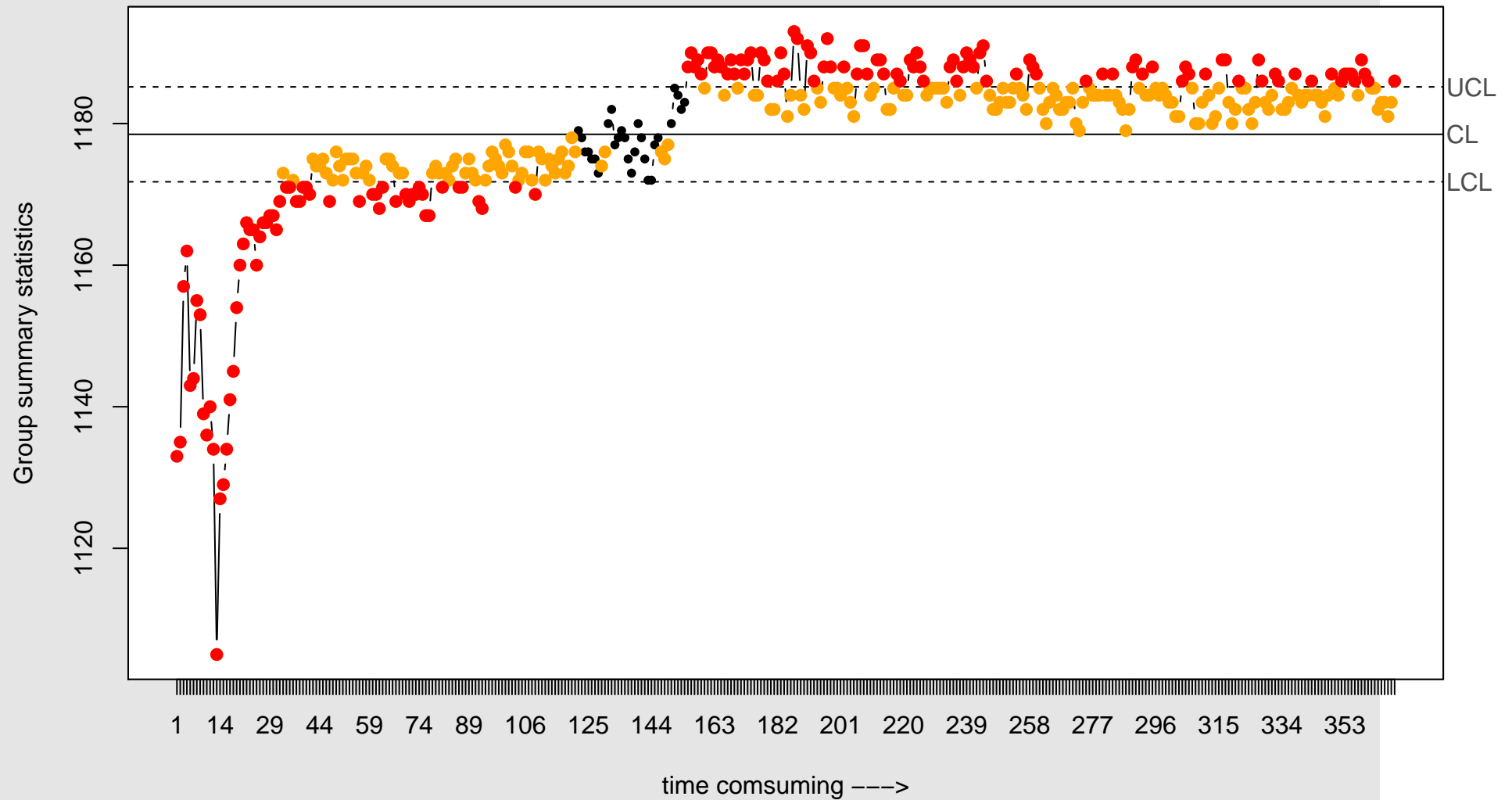
LCL = 1172.59

UCL = 1186.214

Number beyond limits = 157

Number violating runs = 334

97th column point of this product



Number of groups = 368

Center = 1178.478

StdDev = 2.234429

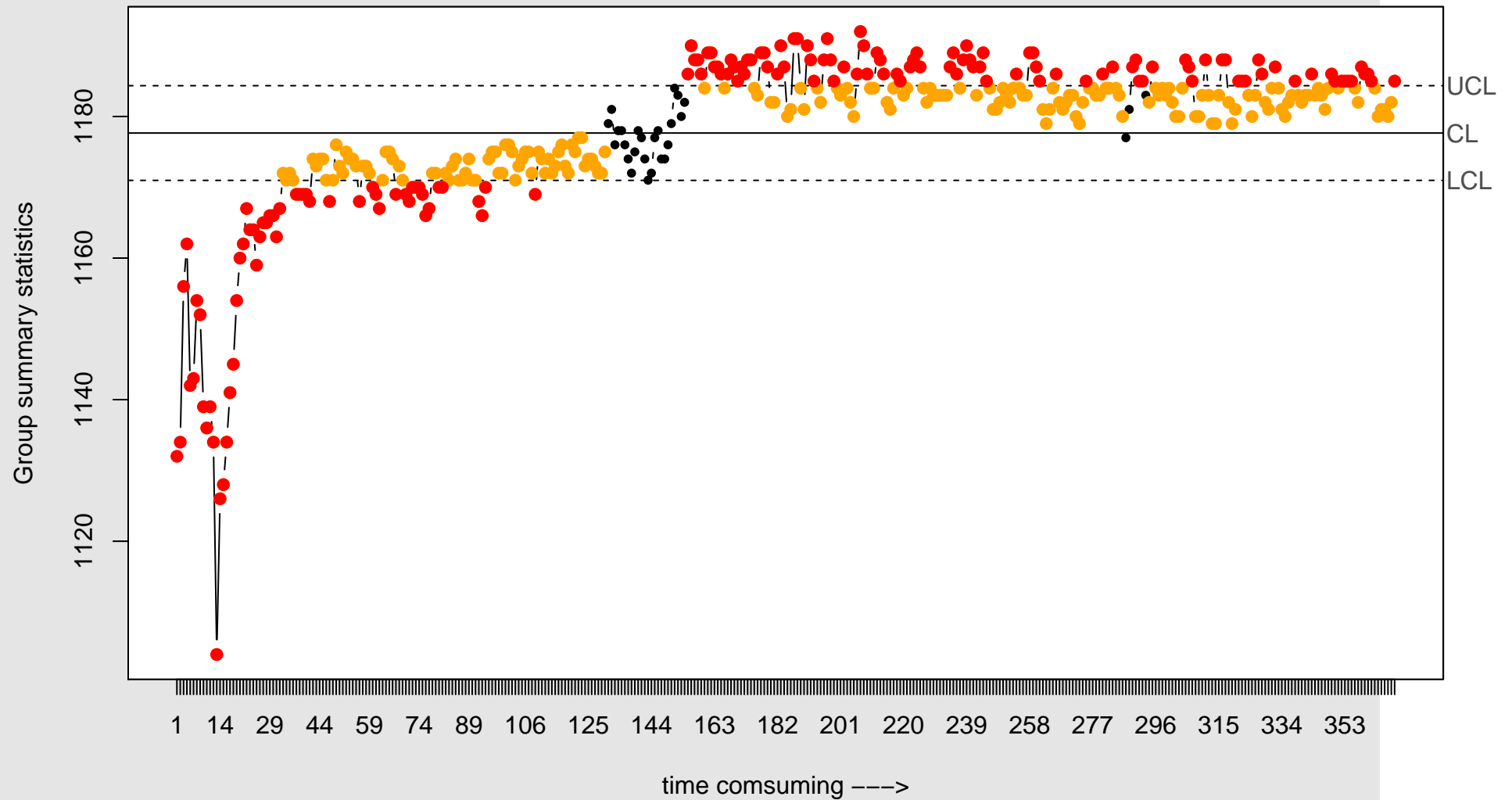
LCL = 1171.775

UCL = 1185.182

Number beyond limits = 151

Number violating runs = 333

98th column point of this product



Number of groups = 368

Center = 1177.663

StdDev = 2.229598

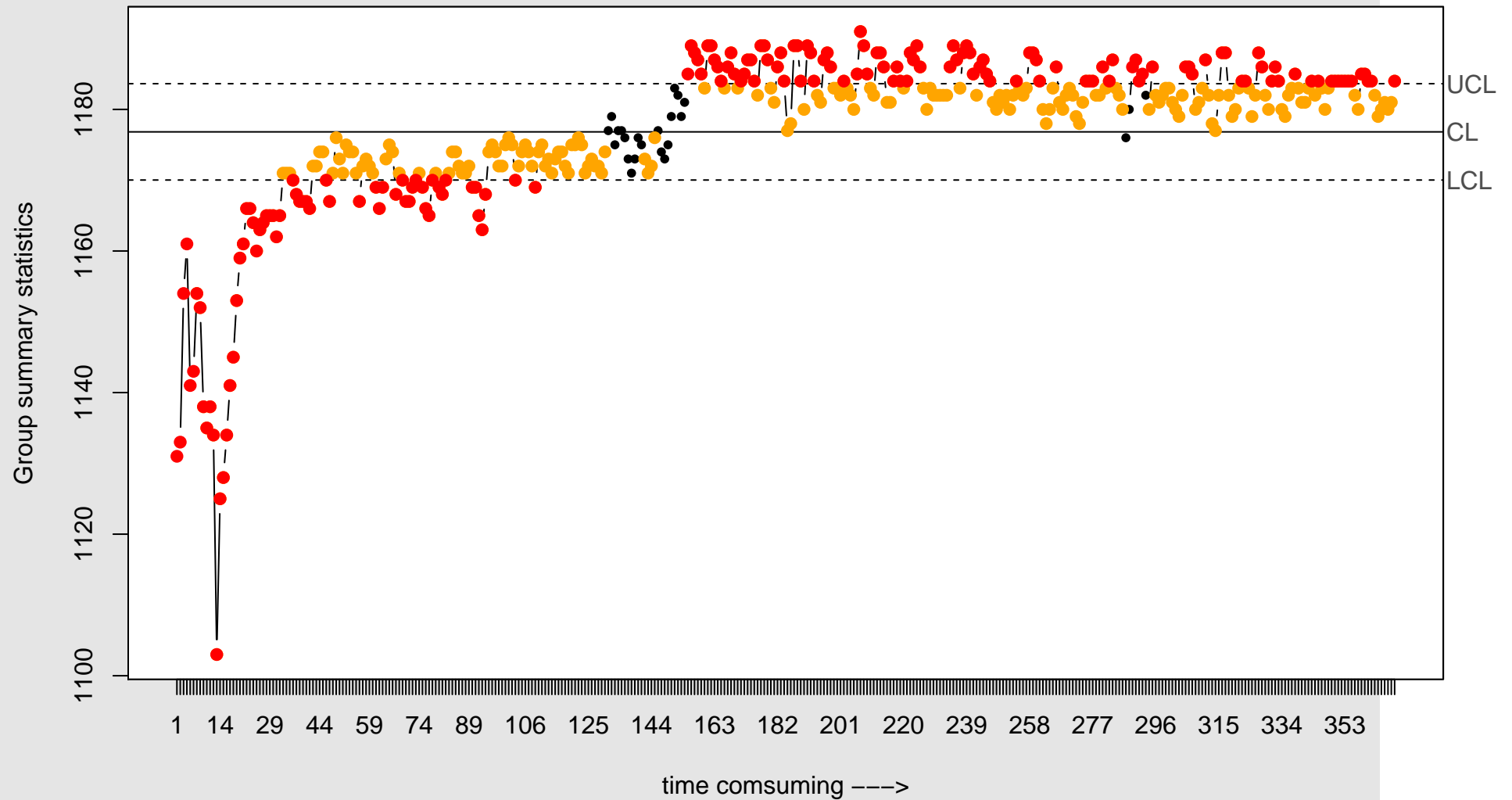
LCL = 1170.974

UCL = 1184.352

Number beyond limits = 153

Number violating runs = 330

99th column point of this product

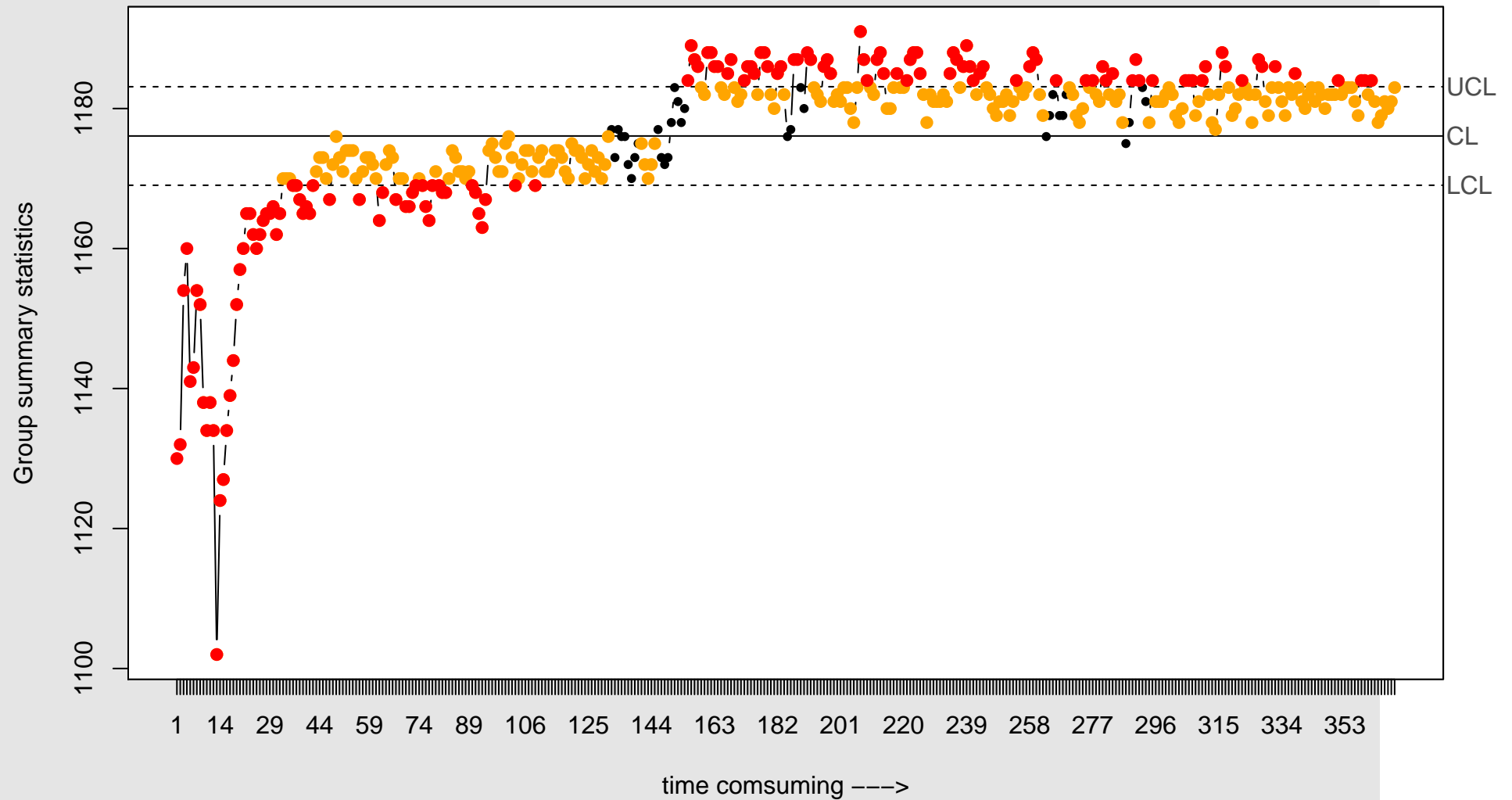


Number of groups = 368
Center = 1176.829
StdDev = 2.268247

LCL = 1170.024
UCL = 1183.634

Number beyond limits = 169
Number violating runs = 334

100th column point of this product

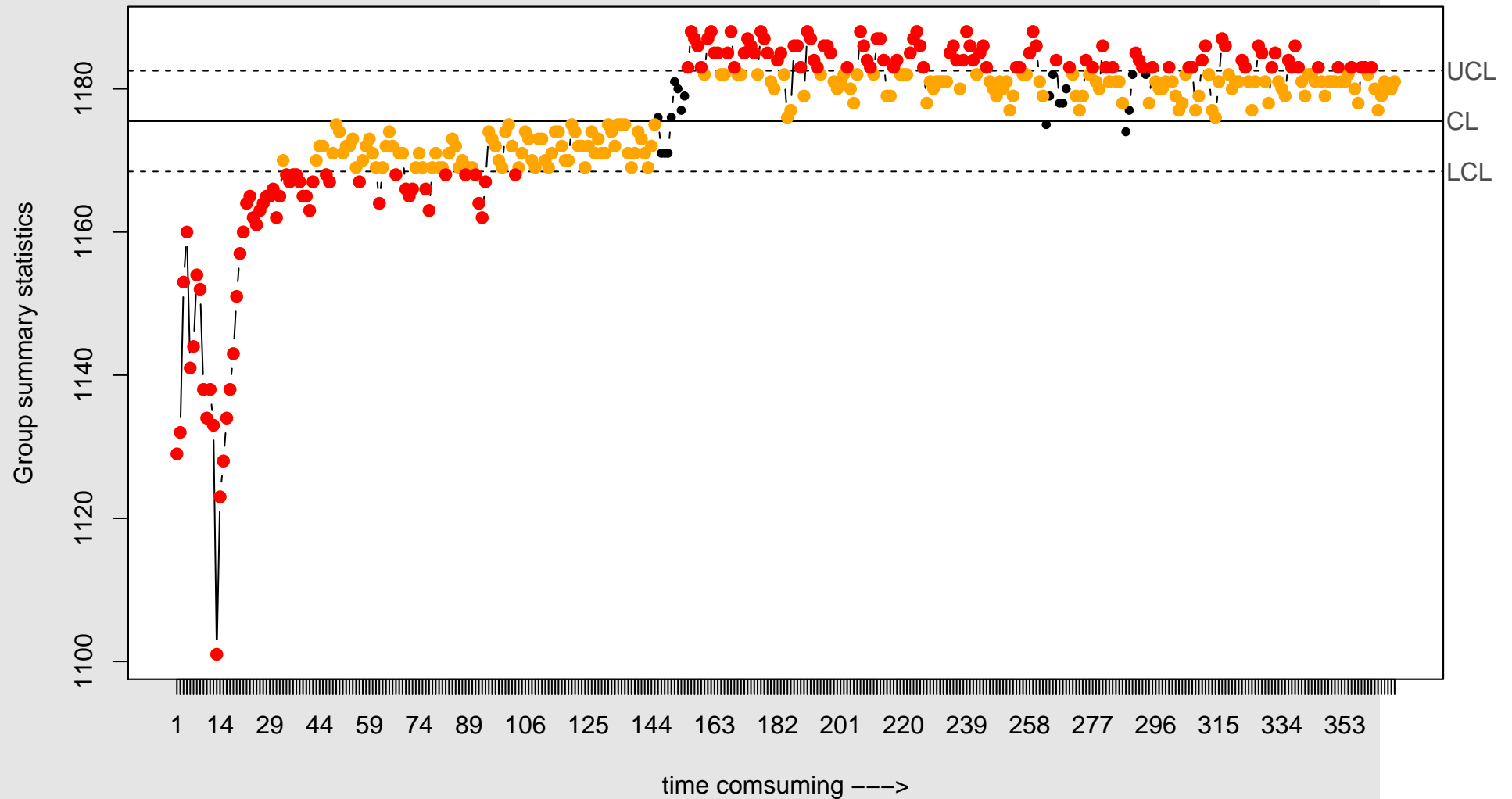


Number of groups = 368
Center = 1176.079
StdDev = 2.345547

LCL = 1169.042
UCL = 1183.115

Number beyond limits = 139
Number violating runs = 322

101th column point of this product



Number of groups = 368

Center = 1175.481

StdDev = 2.343131

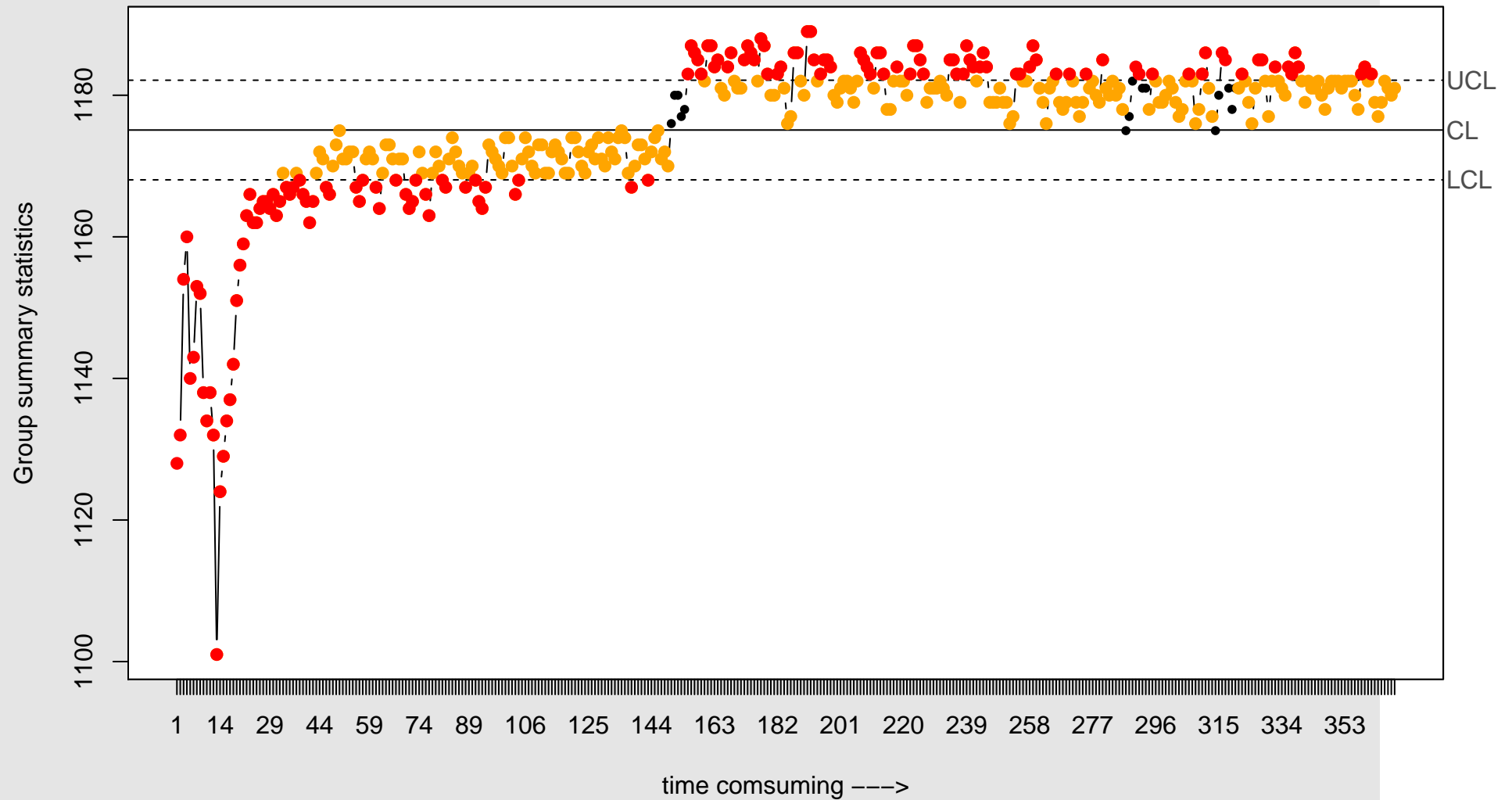
LCL = 1168.452

UCL = 1182.51

Number beyond limits = 153

Number violating runs = 338

102th column point of this product



Number of groups = 368

Center = 1175.087

StdDev = 2.345547

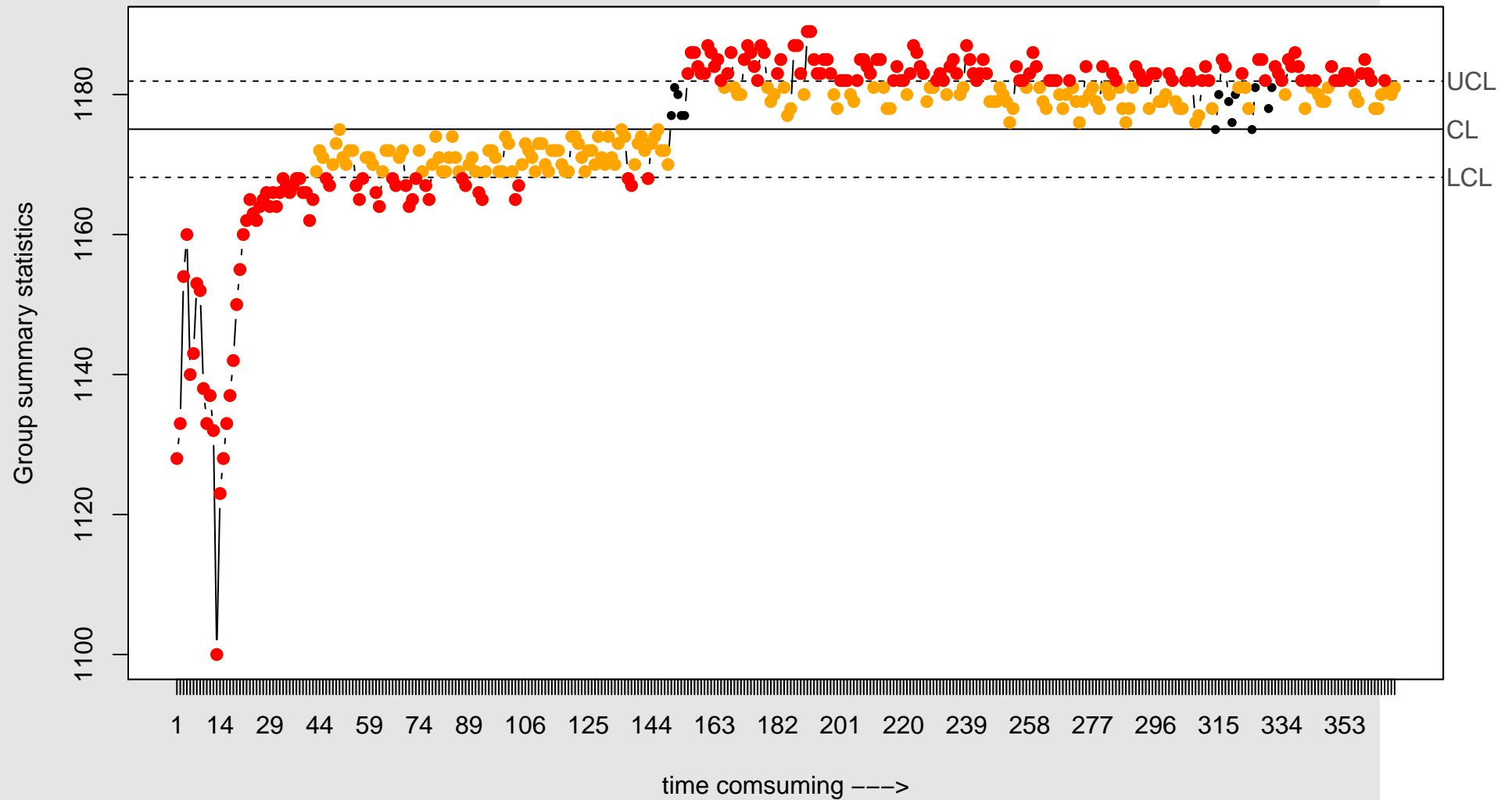
LCL = 1168.05

UCL = 1182.124

Number beyond limits = 145

Number violating runs = 342

103th column point of this product

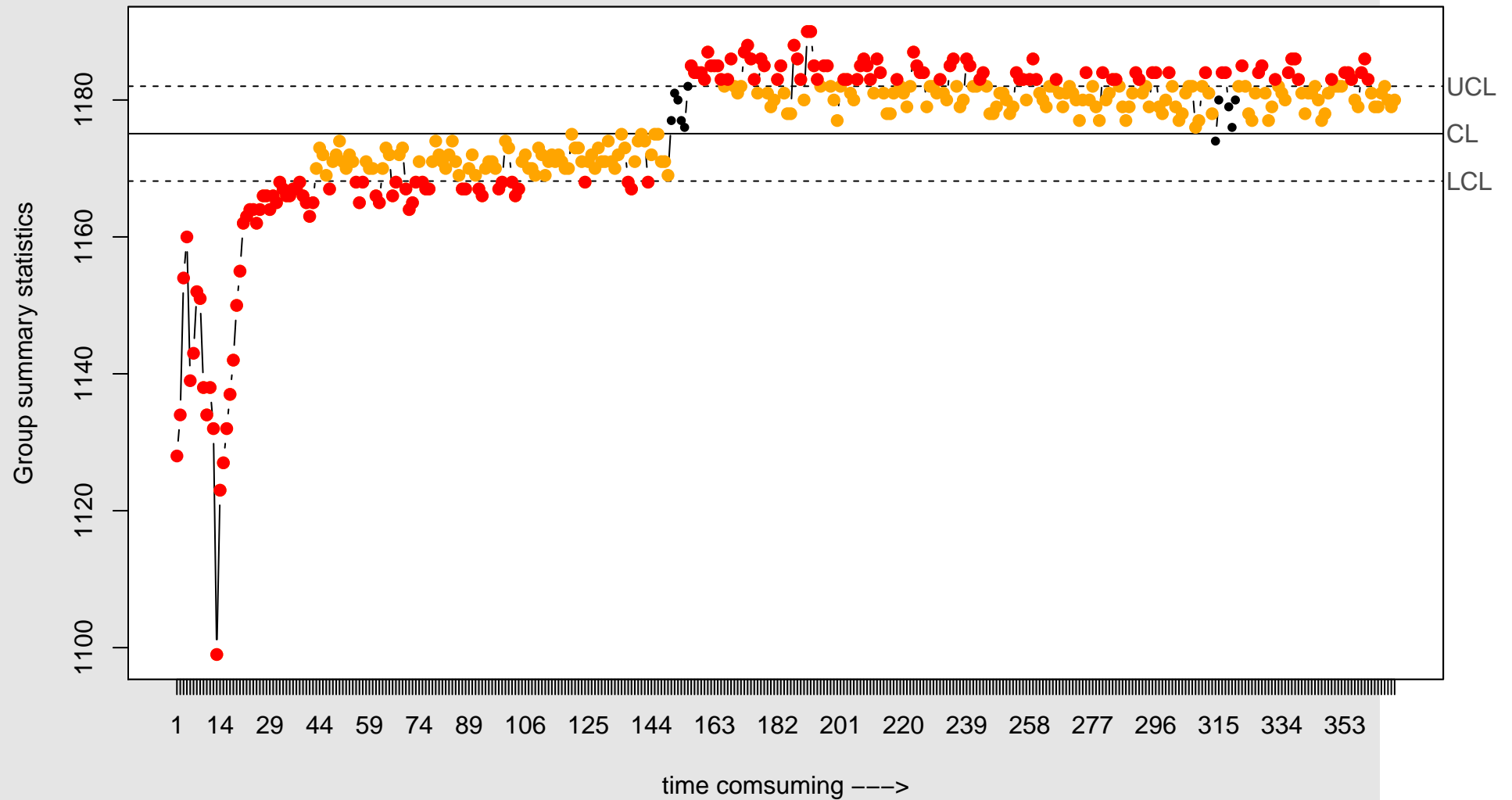


Number of groups = 368
Center = 1175.043
StdDev = 2.292403

LCL = 1168.166
UCL = 1181.921

Number beyond limits = 187
Number violating runs = 342

104th column point of this product



Number of groups = 368

Center = 1175.082

StdDev = 2.309313

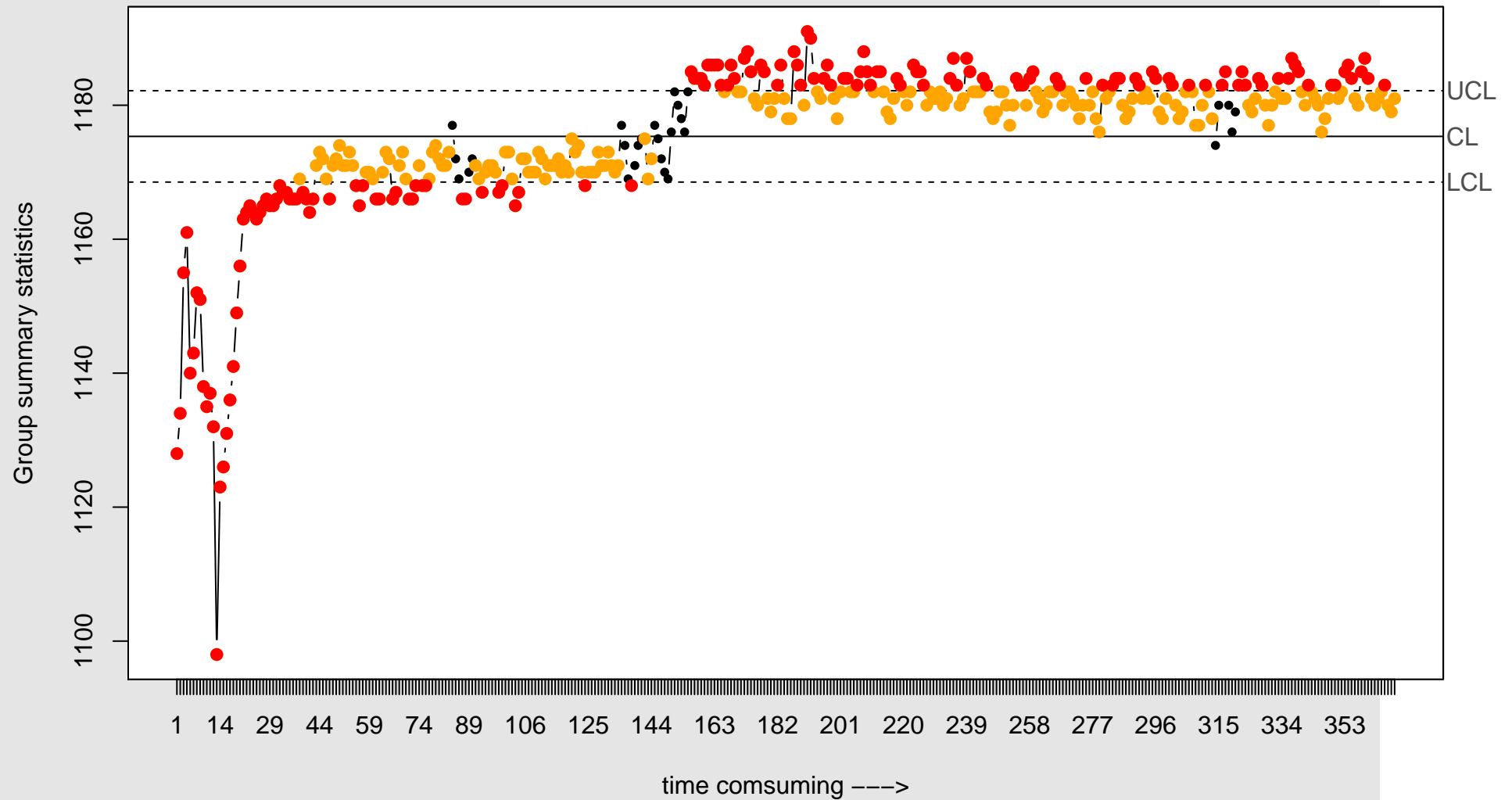
LCL = 1168.154

UCL = 1182.009

Number beyond limits = 154

Number violating runs = 349

105th column point of this product



Number of groups = 368

Center = 1175.348

StdDev = 2.273079

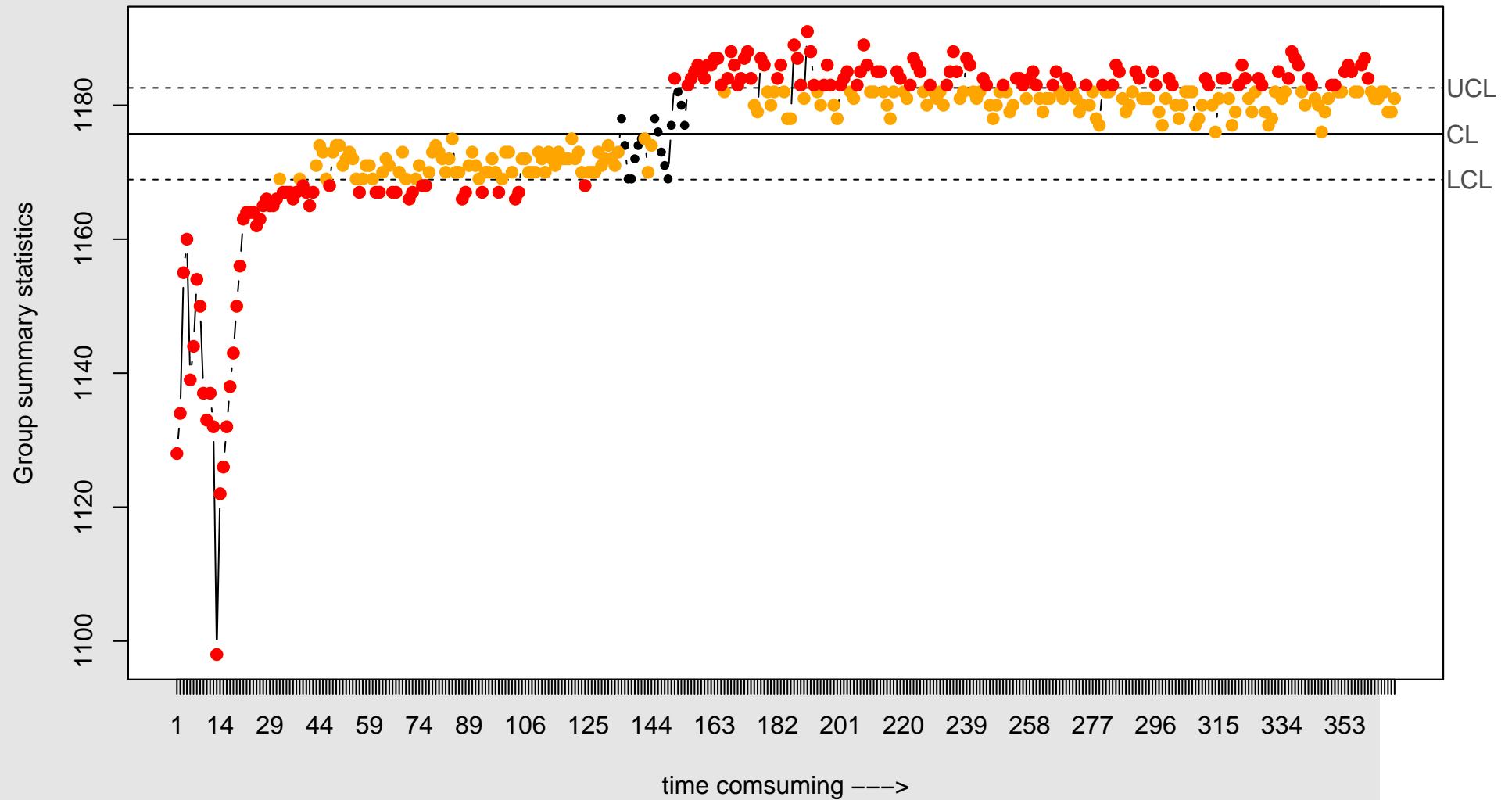
LCL = 1168.529

UCL = 1182.167

Number beyond limits = 156

Number violating runs = 330

106th column point of this product

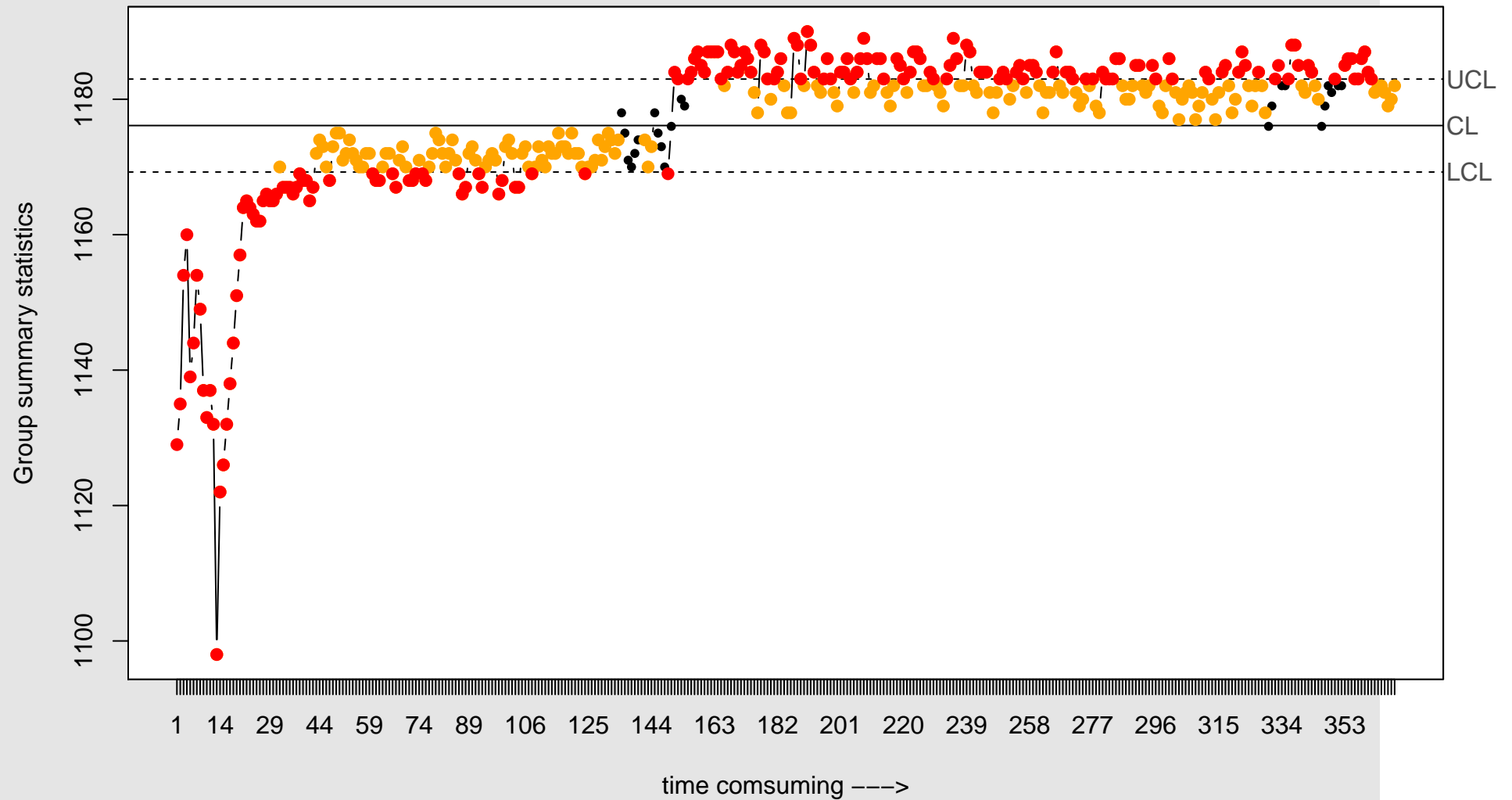


Number of groups = 368
Center = 1175.742
StdDev = 2.282741

LCL = 1168.894
UCL = 1182.59

Number beyond limits = 160
Number violating runs = 344

107th column point of this product



Number of groups = 368

Center = 1176.117

StdDev = 2.287572

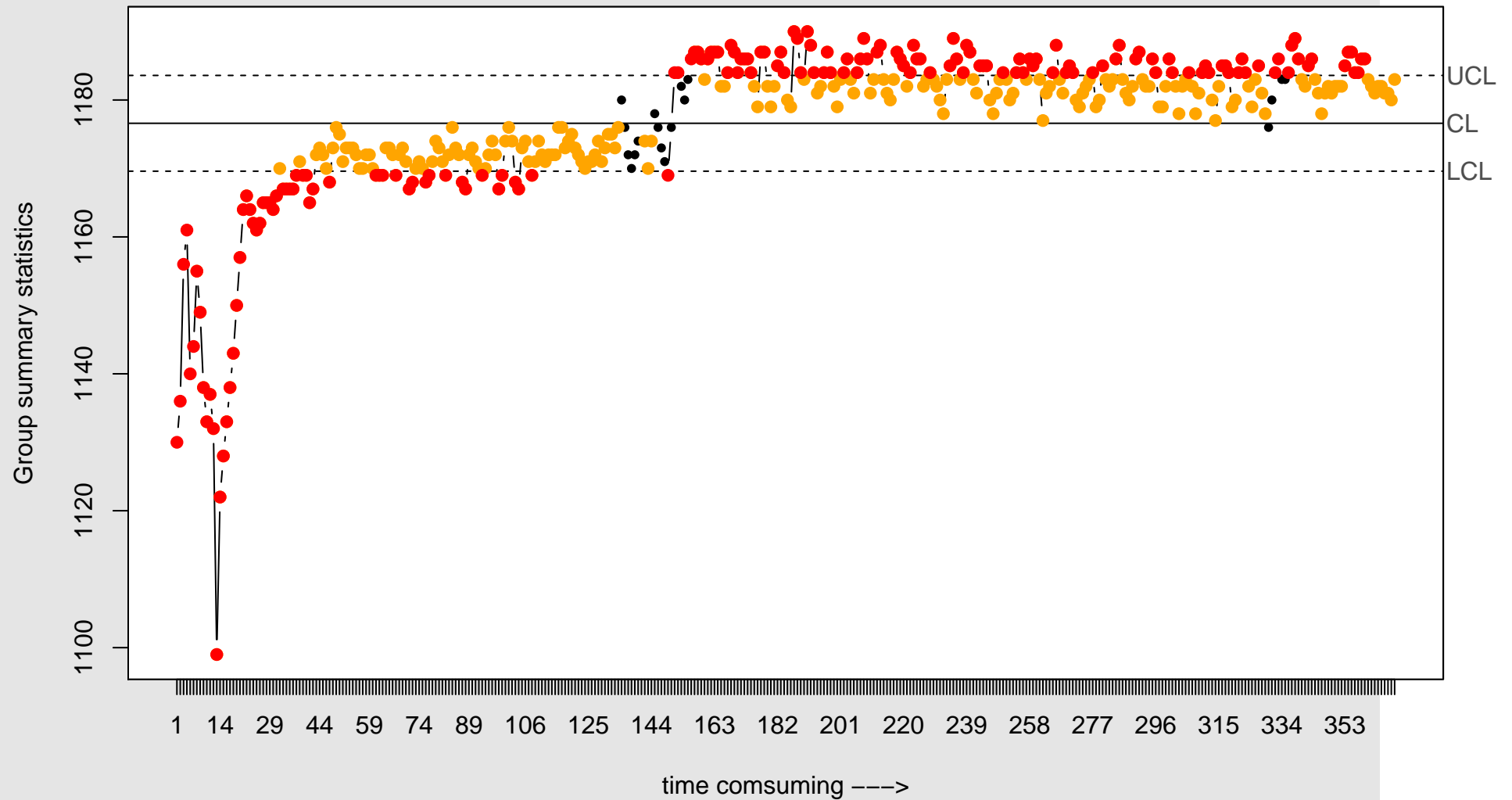
LCL = 1169.254

UCL = 1182.98

Number beyond limits = 183

Number violating runs = 329

108th column point of this product

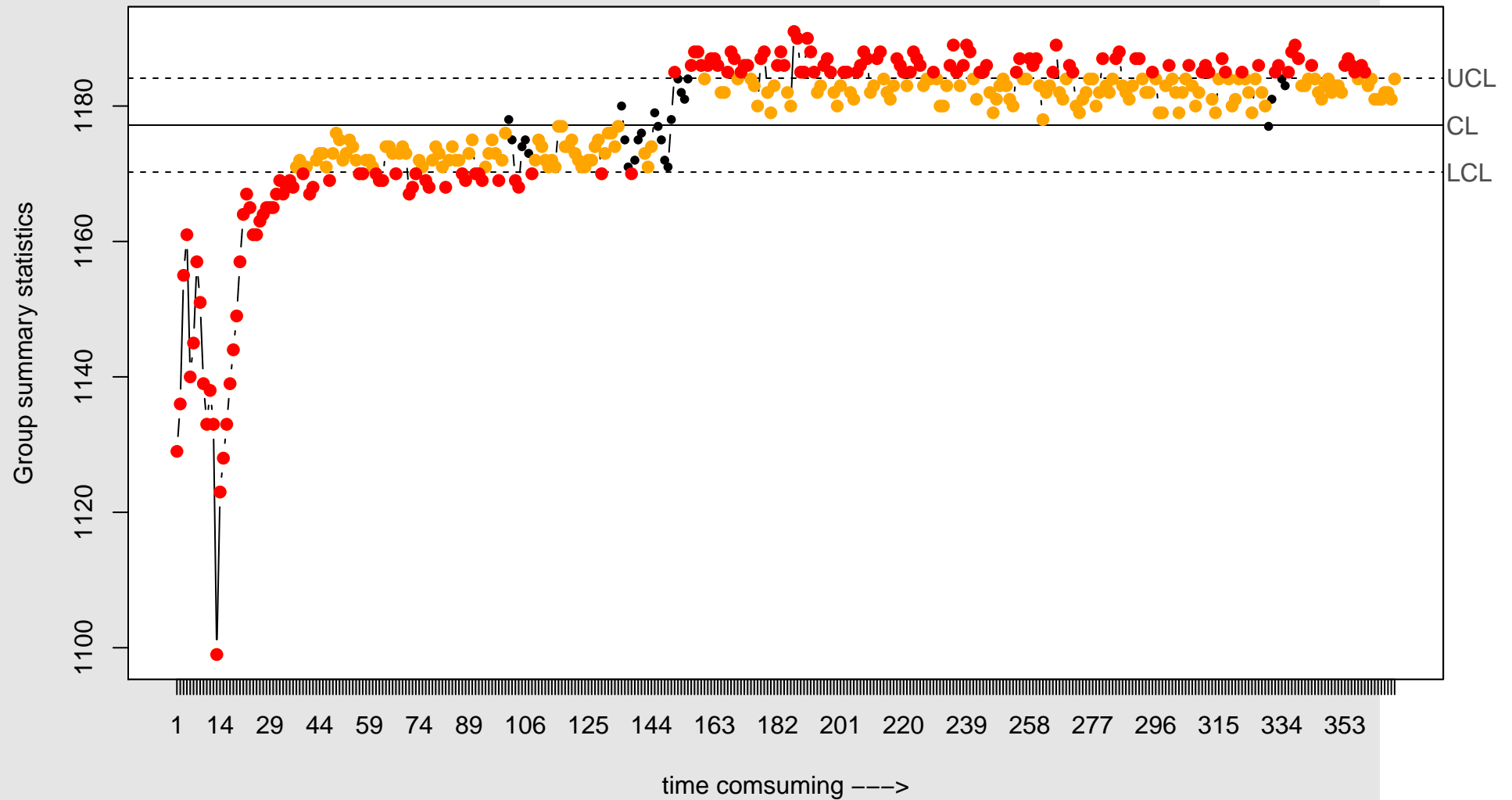


Number of groups = 368
Center = 1176.595
StdDev = 2.331053

LCL = 1169.602
UCL = 1183.588

Number beyond limits = 164
Number violating runs = 336

109th column point of this product

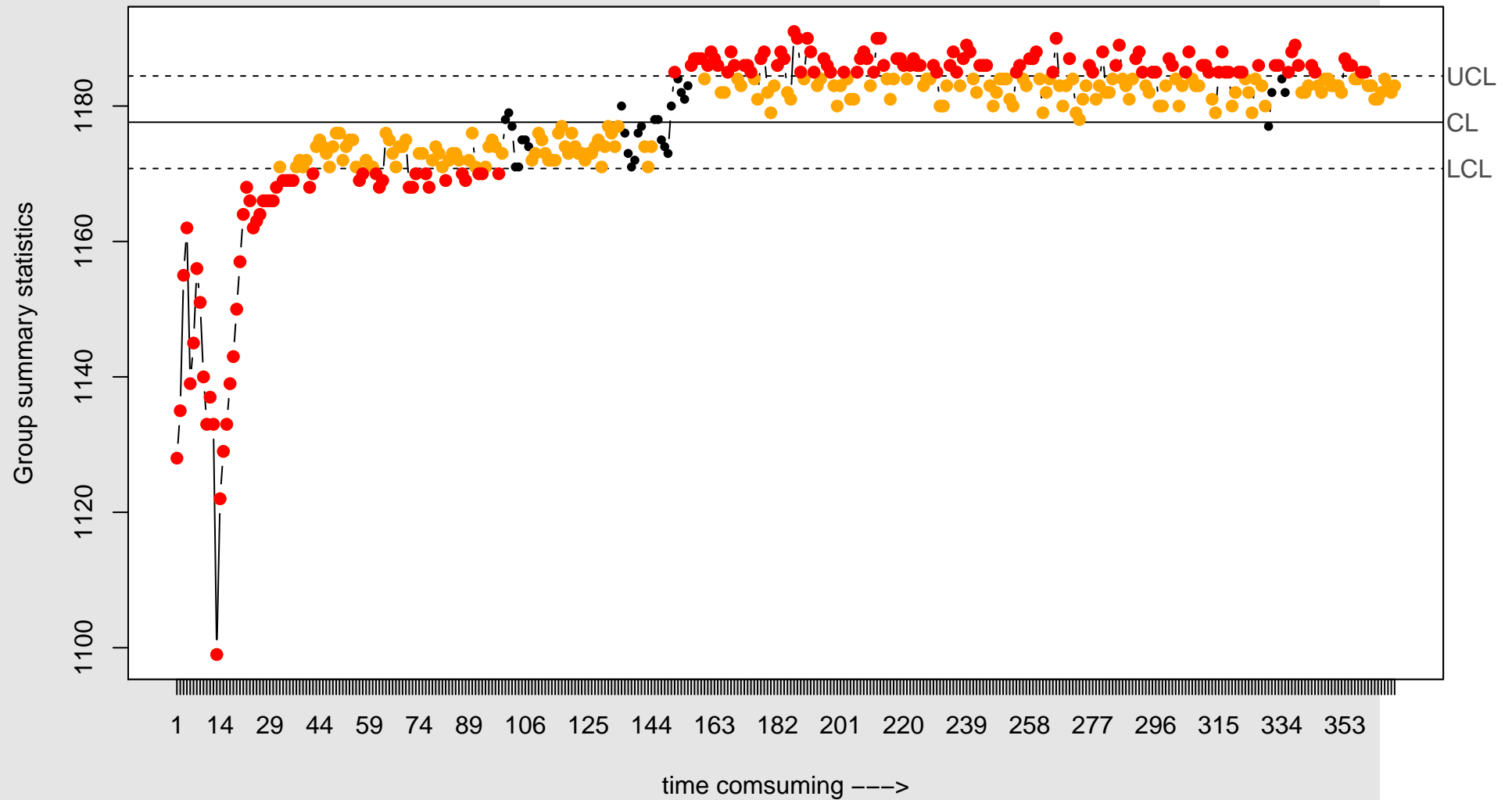


Number of groups = 368
Center = 1177.177
StdDev = 2.311728

LCL = 1170.241
UCL = 1184.112

Number beyond limits = 155
Number violating runs = 330

110th column point of this product

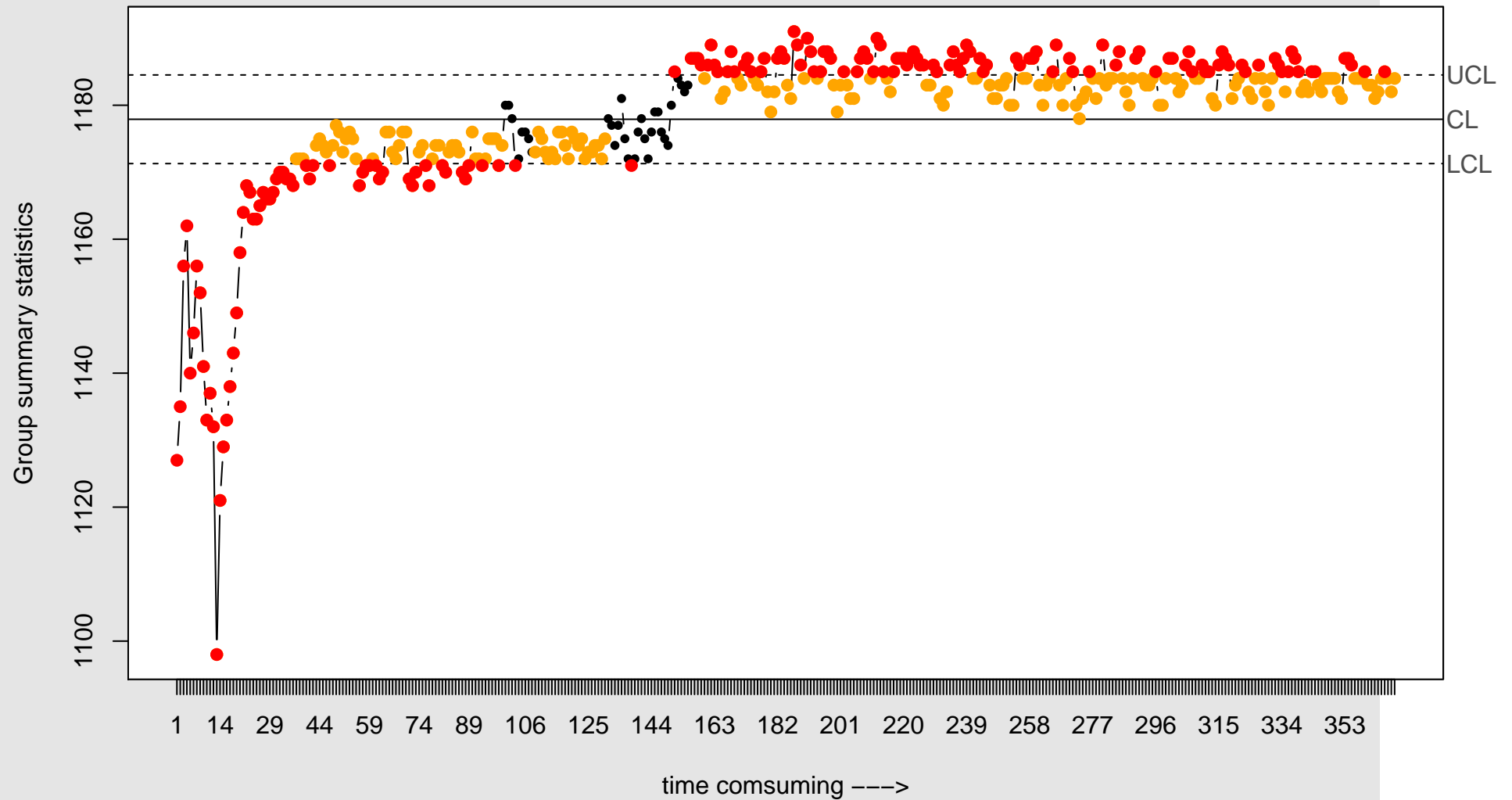


Number of groups = 368
Center = 1177.606
StdDev = 2.27791

LCL = 1170.772
UCL = 1184.44

Number beyond limits = 154
Number violating runs = 329

111th column point of this product



Number of groups = 368

Center = 1177.902

StdDev = 2.205442

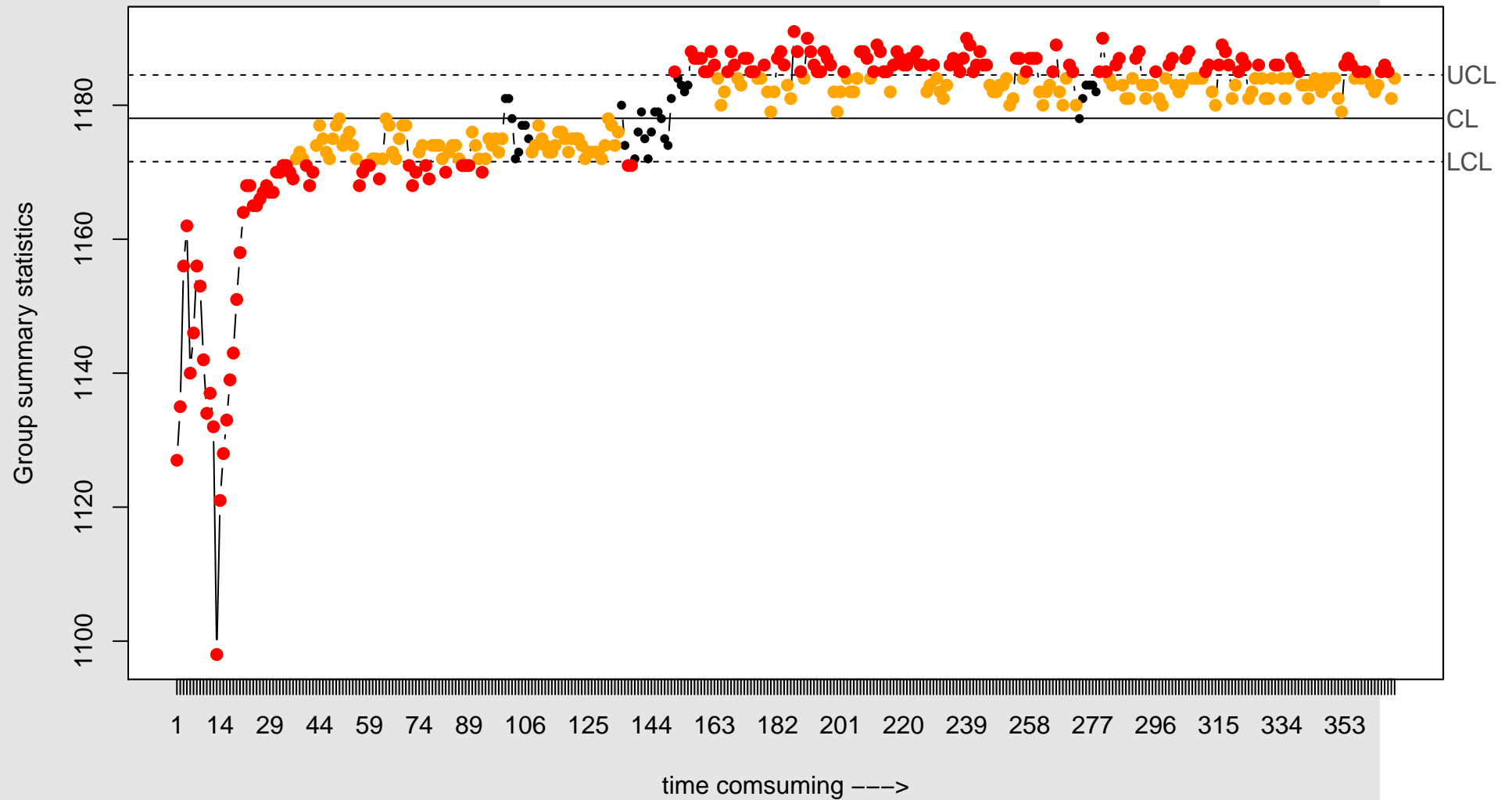
LCL = 1171.286

UCL = 1184.518

Number beyond limits = 167

Number violating runs = 328

112th column point of this product

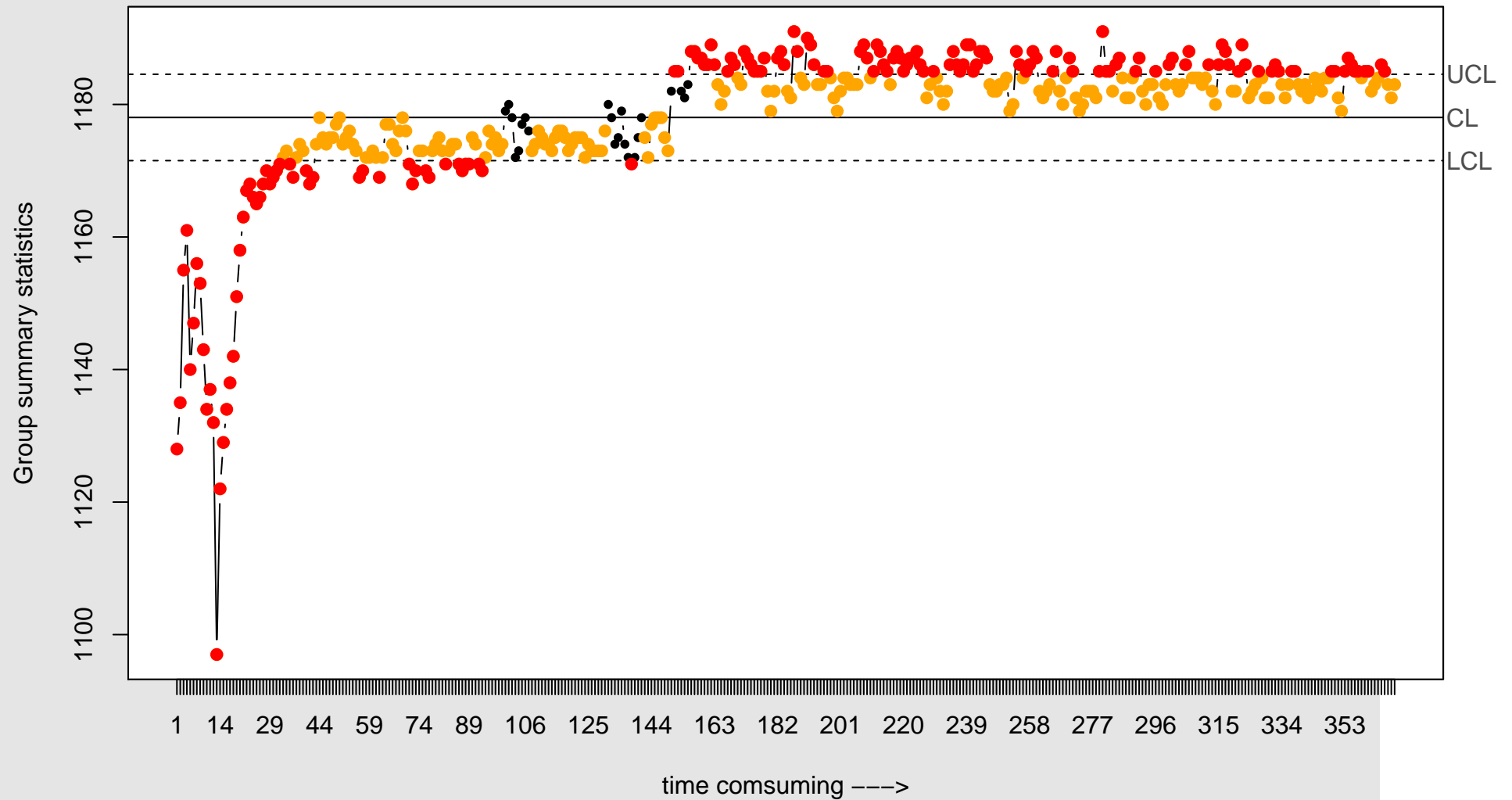


Number of groups = 368
Center = 1178.046
StdDev = 2.15713

LCL = 1171.575
UCL = 1184.518

Number beyond limits = 164
Number violating runs = 326

113th column point of this product



Number of groups = 368

Center = 1178.035

StdDev = 2.171623

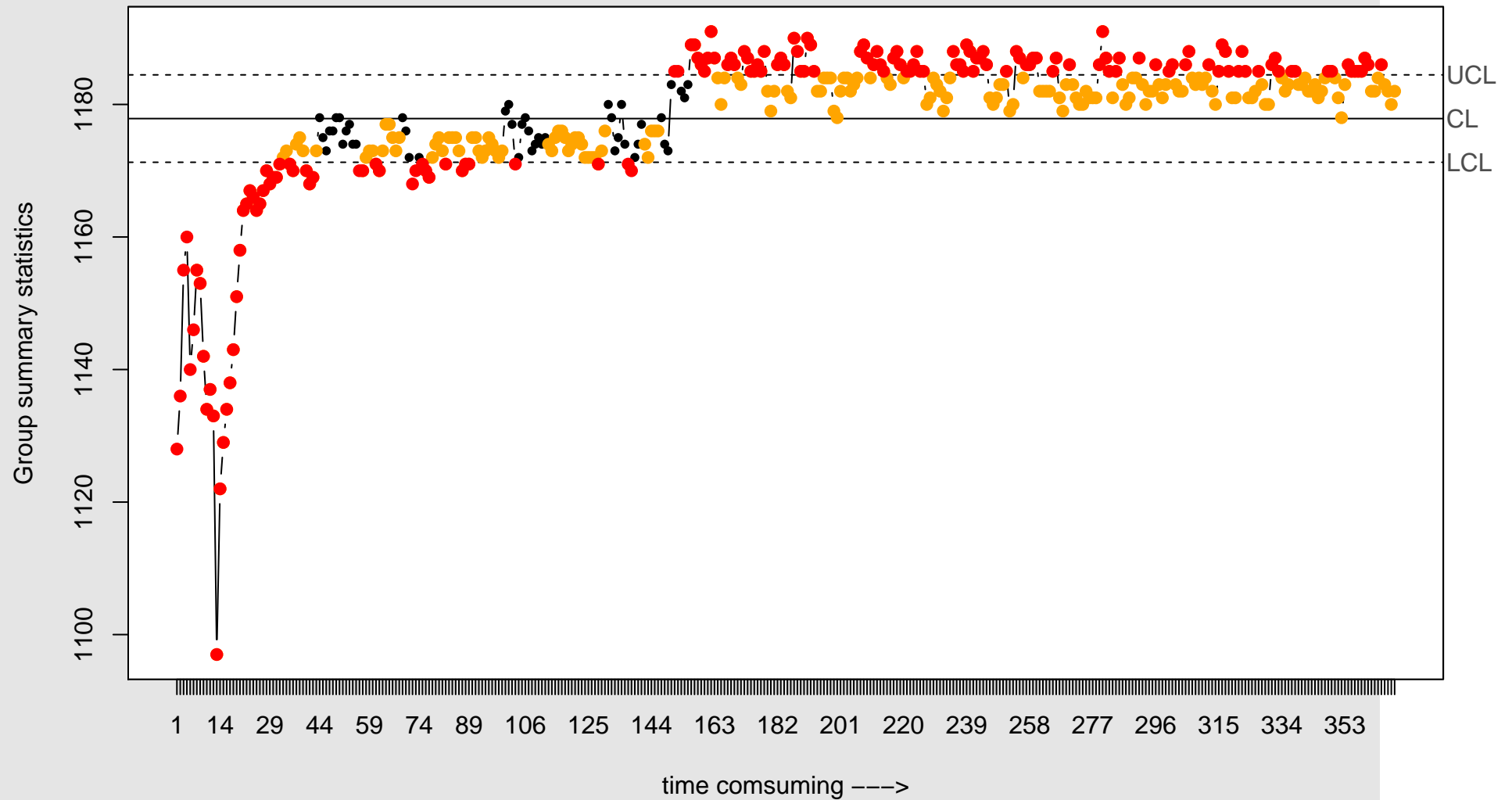
LCL = 1171.52

UCL = 1184.55

Number beyond limits = 162

Number violating runs = 337

114th column point of this product

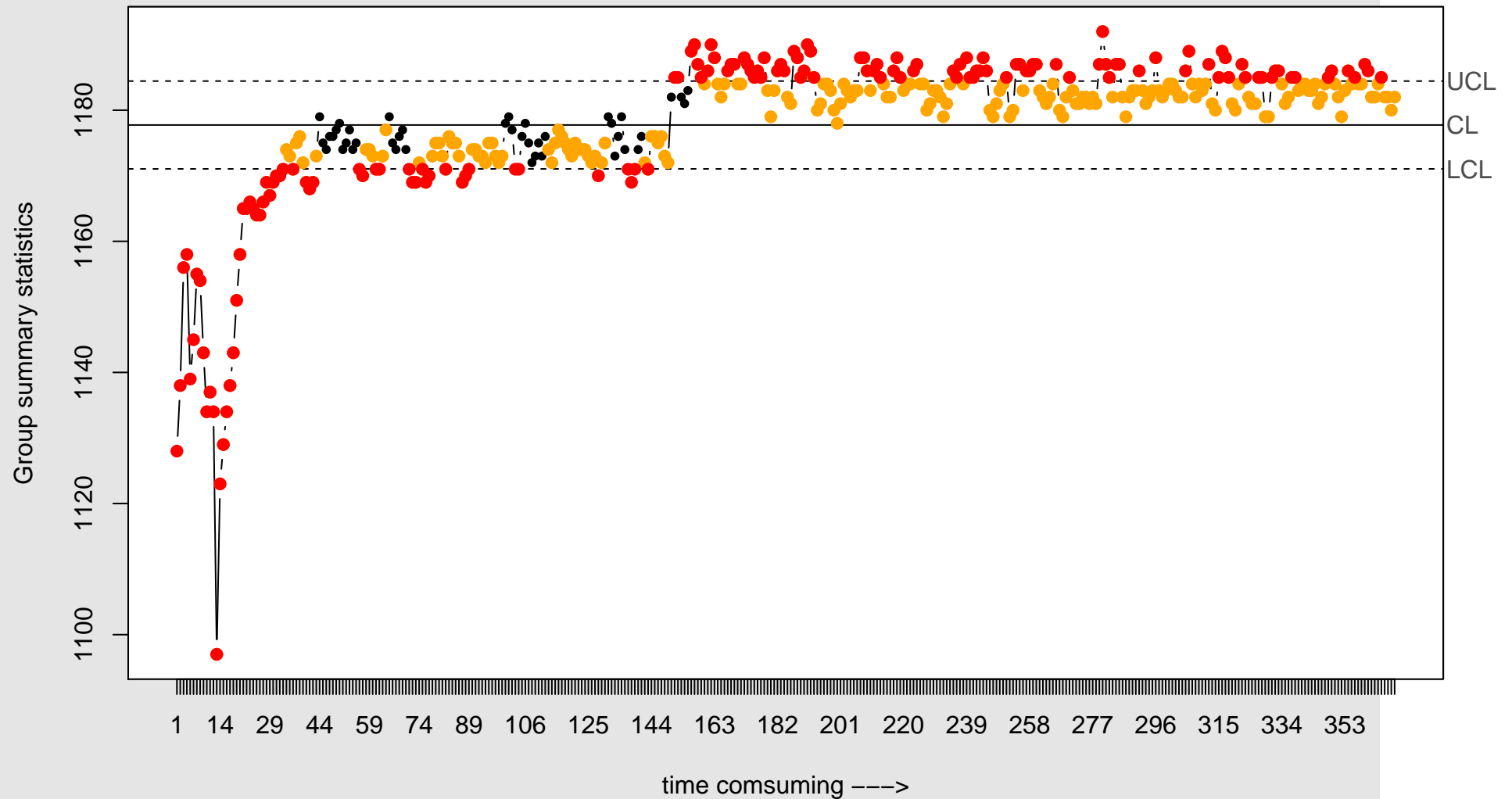


Number of groups = 368
Center = 1177.867
StdDev = 2.198195

LCL = 1171.272
UCL = 1184.461

Number beyond limits = 157
Number violating runs = 309

115th column point of this product

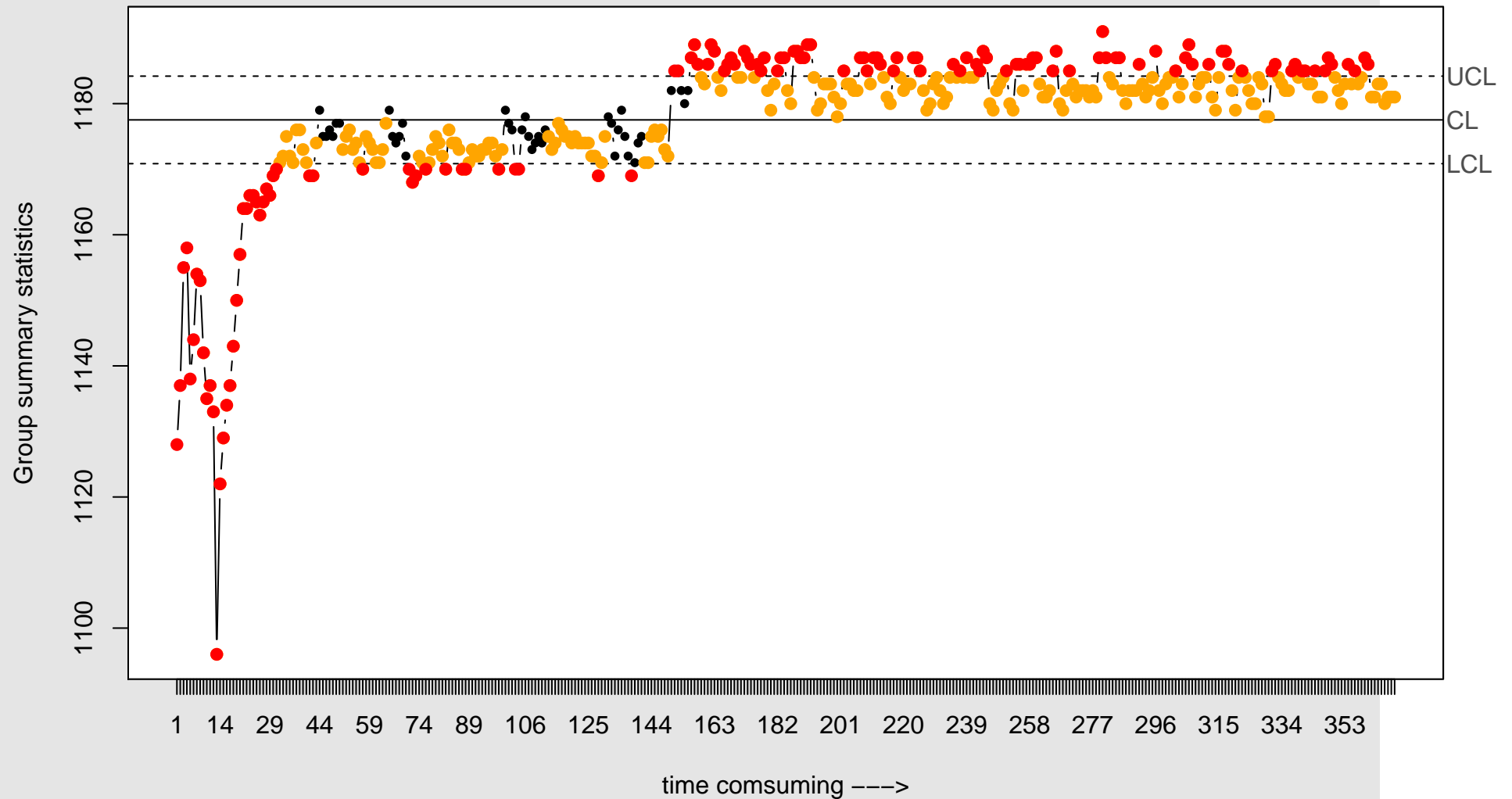


Number of groups = 368
Center = 1177.745
StdDev = 2.232013

LCL = 1171.049
UCL = 1184.441

Number beyond limits = 148
Number violating runs = 312

116th column point of this product



Number of groups = 368

Center = 1177.522

StdDev = 2.224767

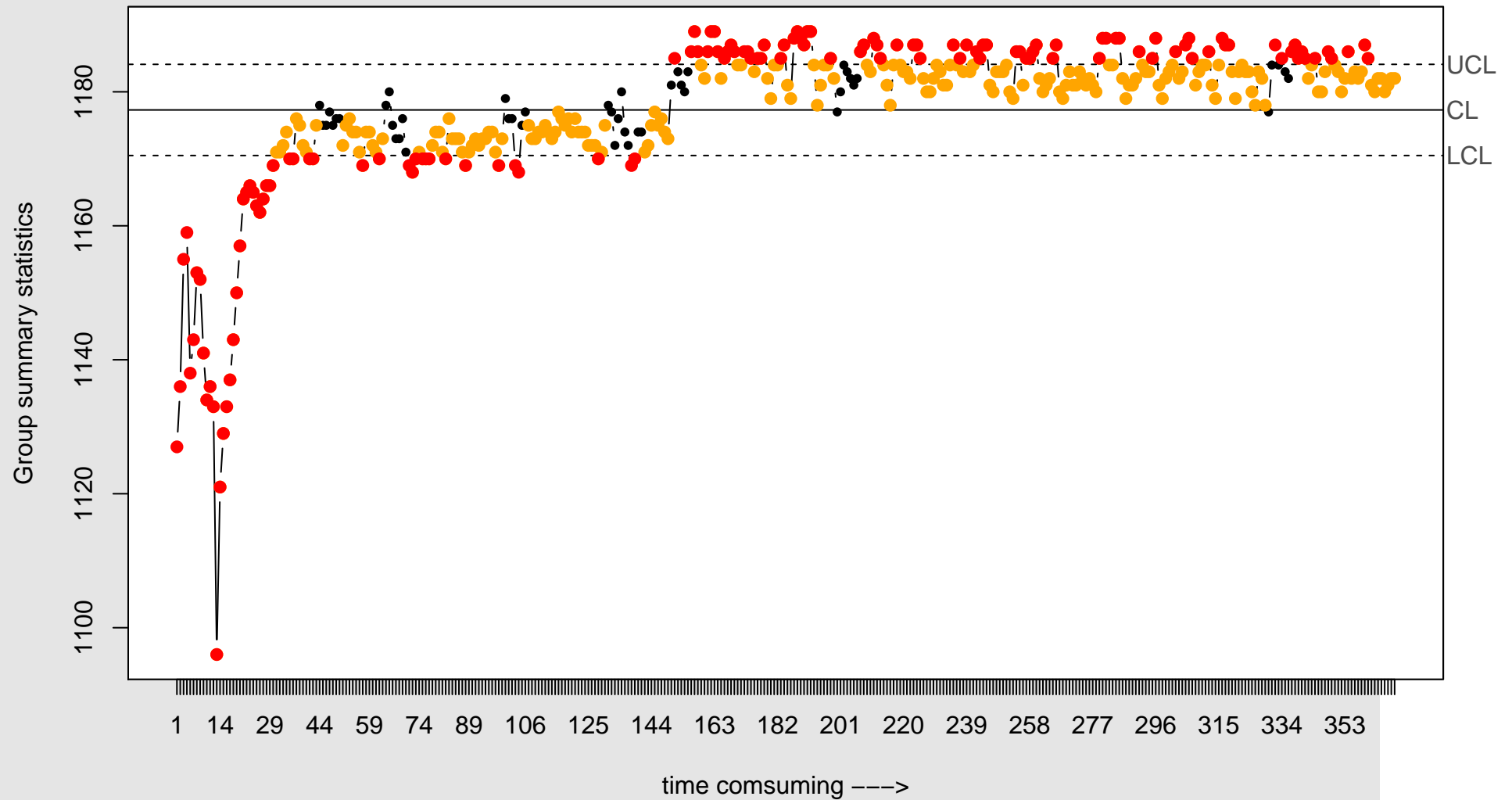
LCL = 1170.847

UCL = 1184.196

Number beyond limits = 132

Number violating runs = 318

117th column point of this product

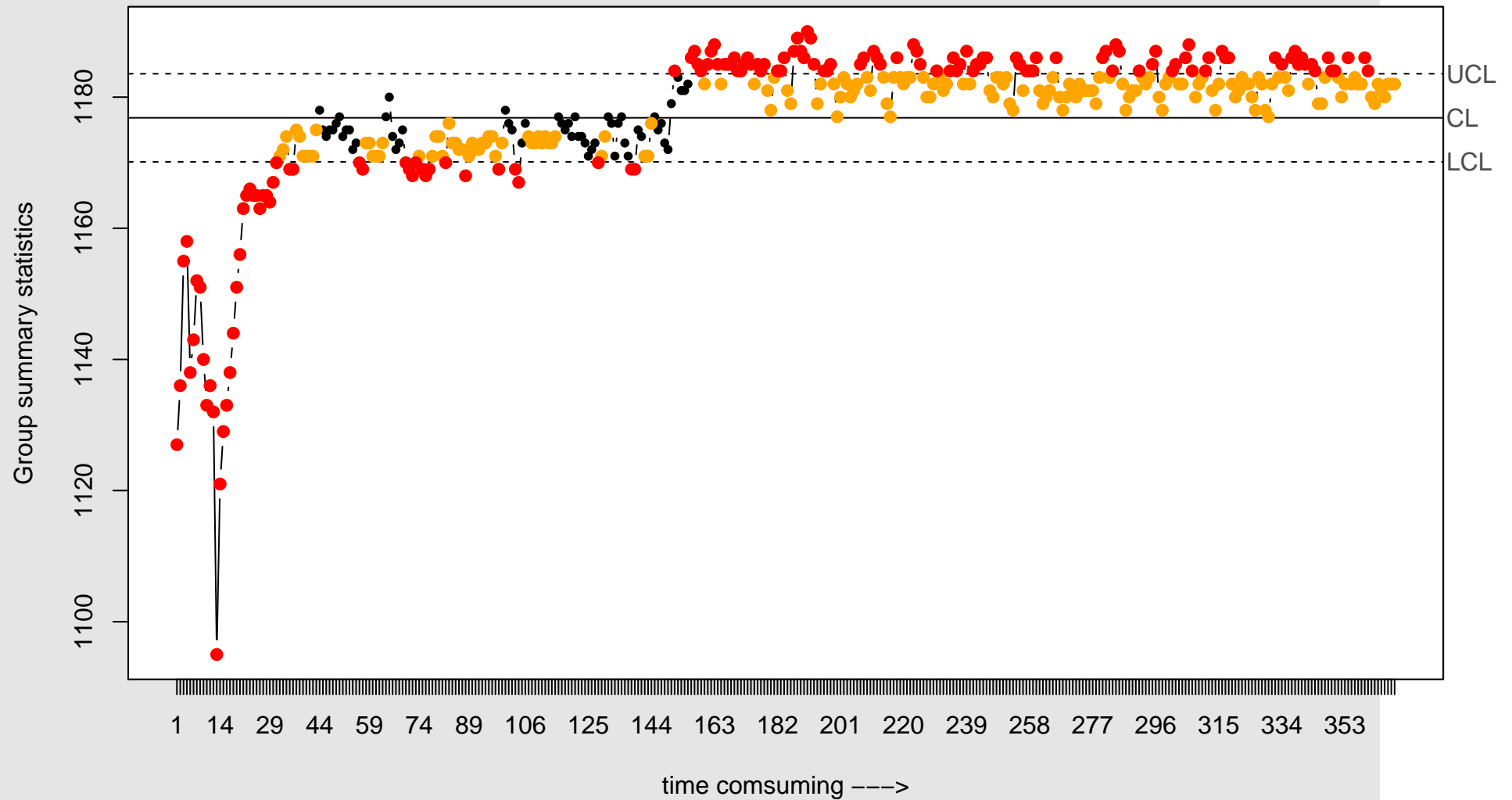


Number of groups = 368
Center = 1177.296
StdDev = 2.268247

LCL = 1170.491
UCL = 1184.101

Number beyond limits = 130
Number violating runs = 309

118th column point of this product

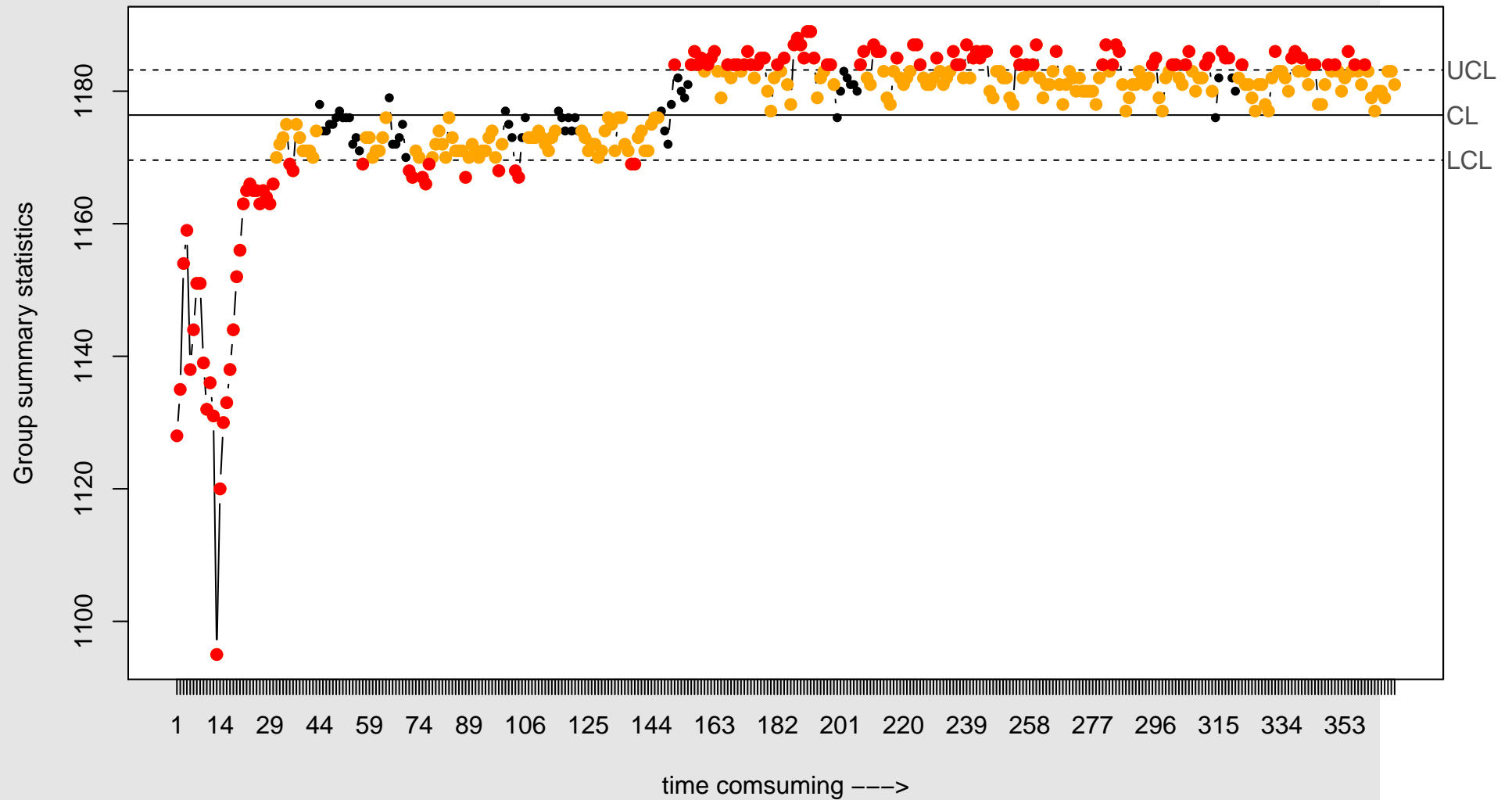


Number of groups = 368
Center = 1176.842
StdDev = 2.23926

LCL = 1170.125
UCL = 1183.56

Number beyond limits = 144
Number violating runs = 300

119th column point of this product

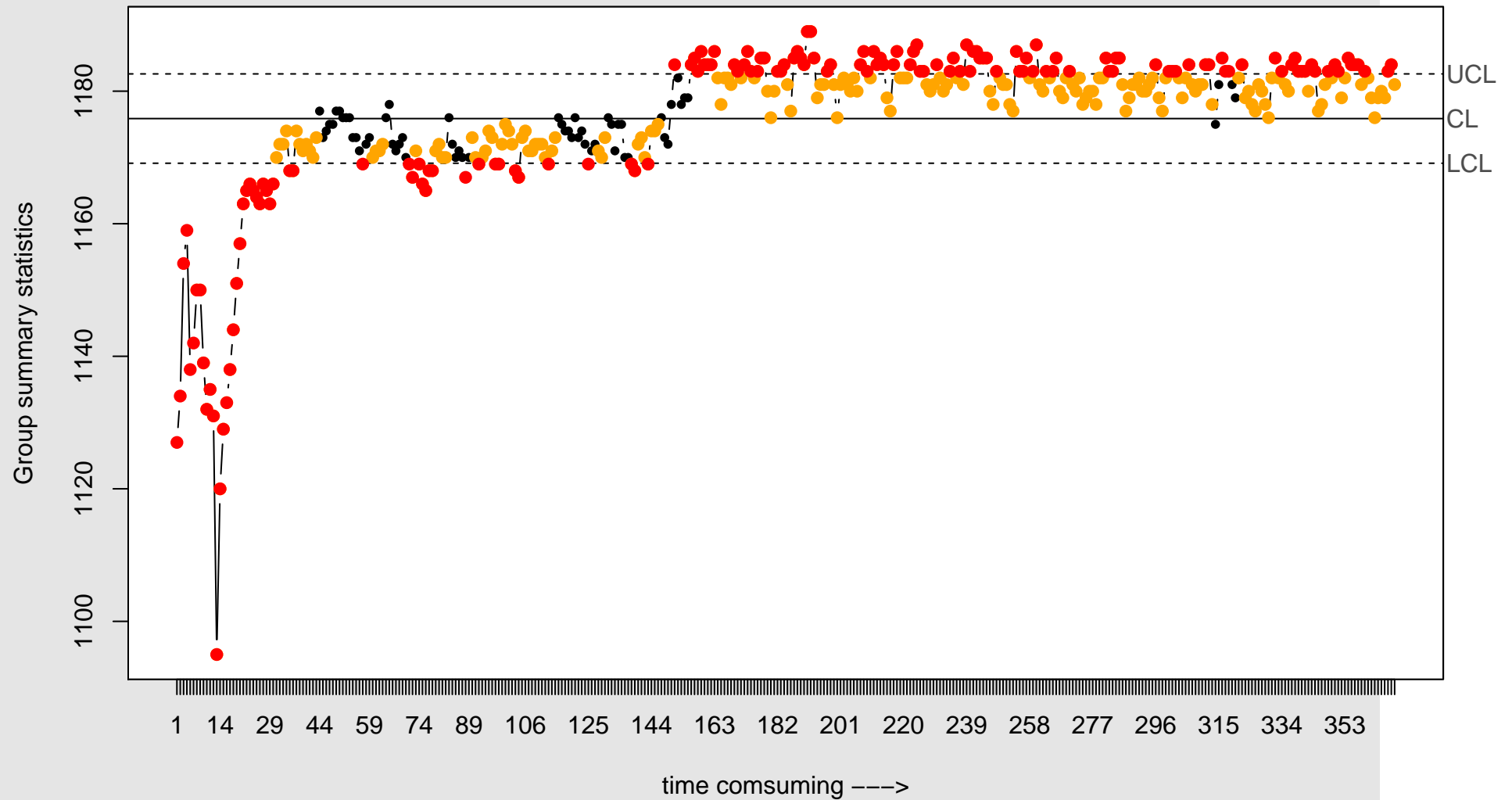


Number of groups = 368
Center = 1176.397
StdDev = 2.268247

LCL = 1169.592
UCL = 1183.201

Number beyond limits = 125
Number violating runs = 305

120th column point of this product



Number of groups = 368

Center = 1175.867

StdDev = 2.246507

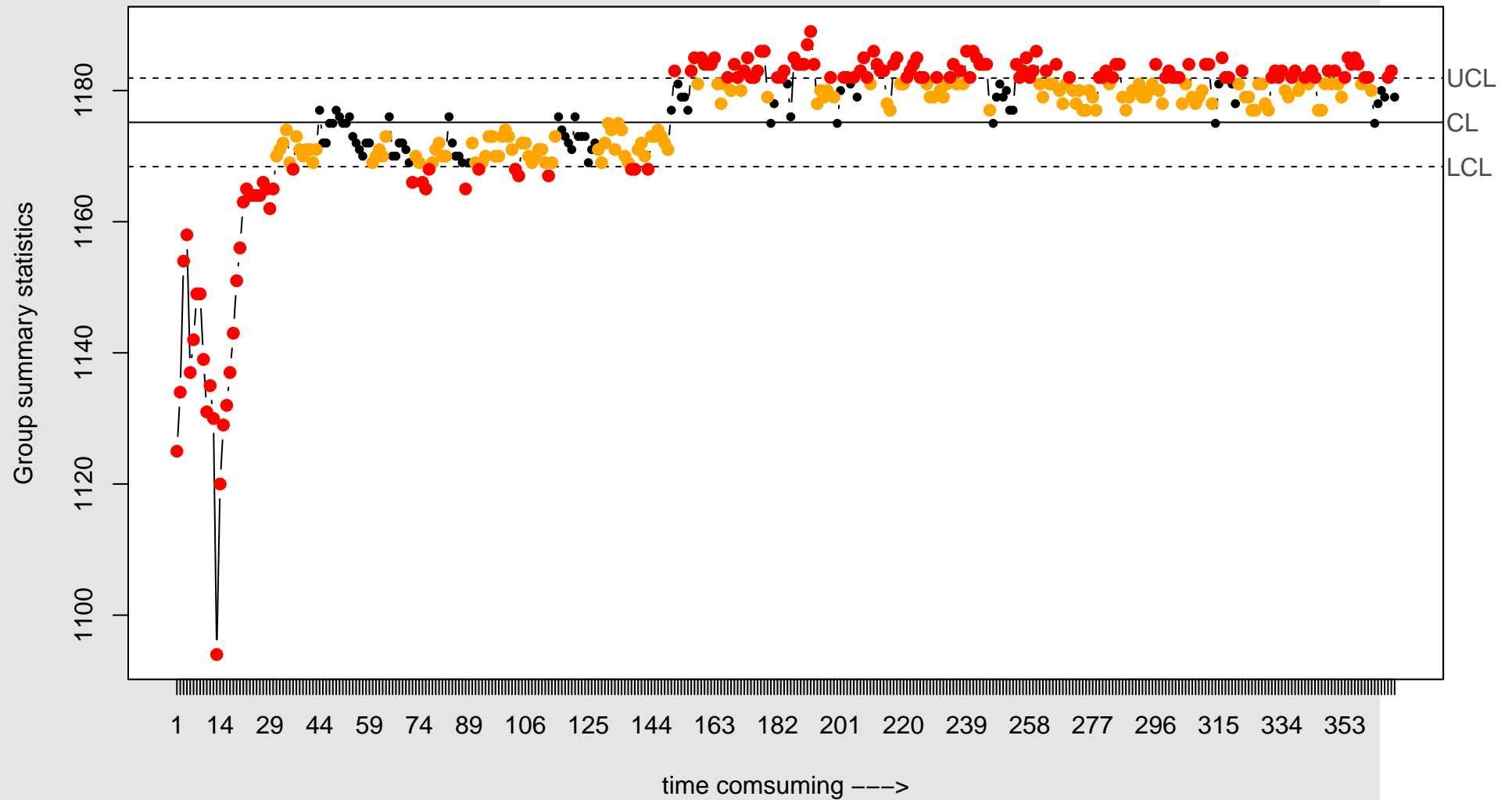
LCL = 1169.127

UCL = 1182.606

Number beyond limits = 151

Number violating runs = 296

121th column point of this product

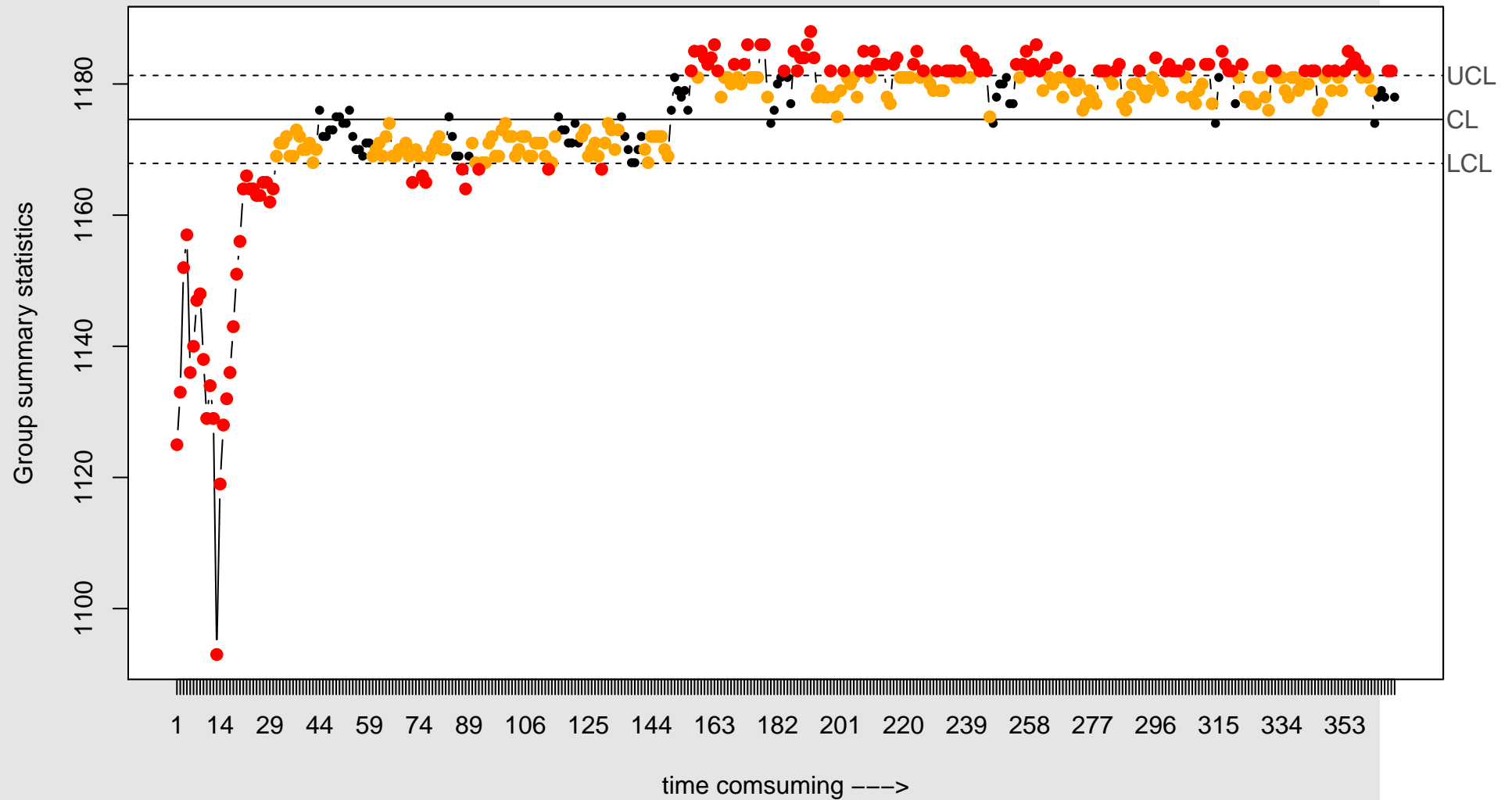


Number of groups = 368
Center = 1175.152
StdDev = 2.251338

LCL = 1168.398
UCL = 1181.906

Number beyond limits = 150
Number violating runs = 279

122th column point of this product



Number of groups = 368

Center = 1174.601

StdDev = 2.234429

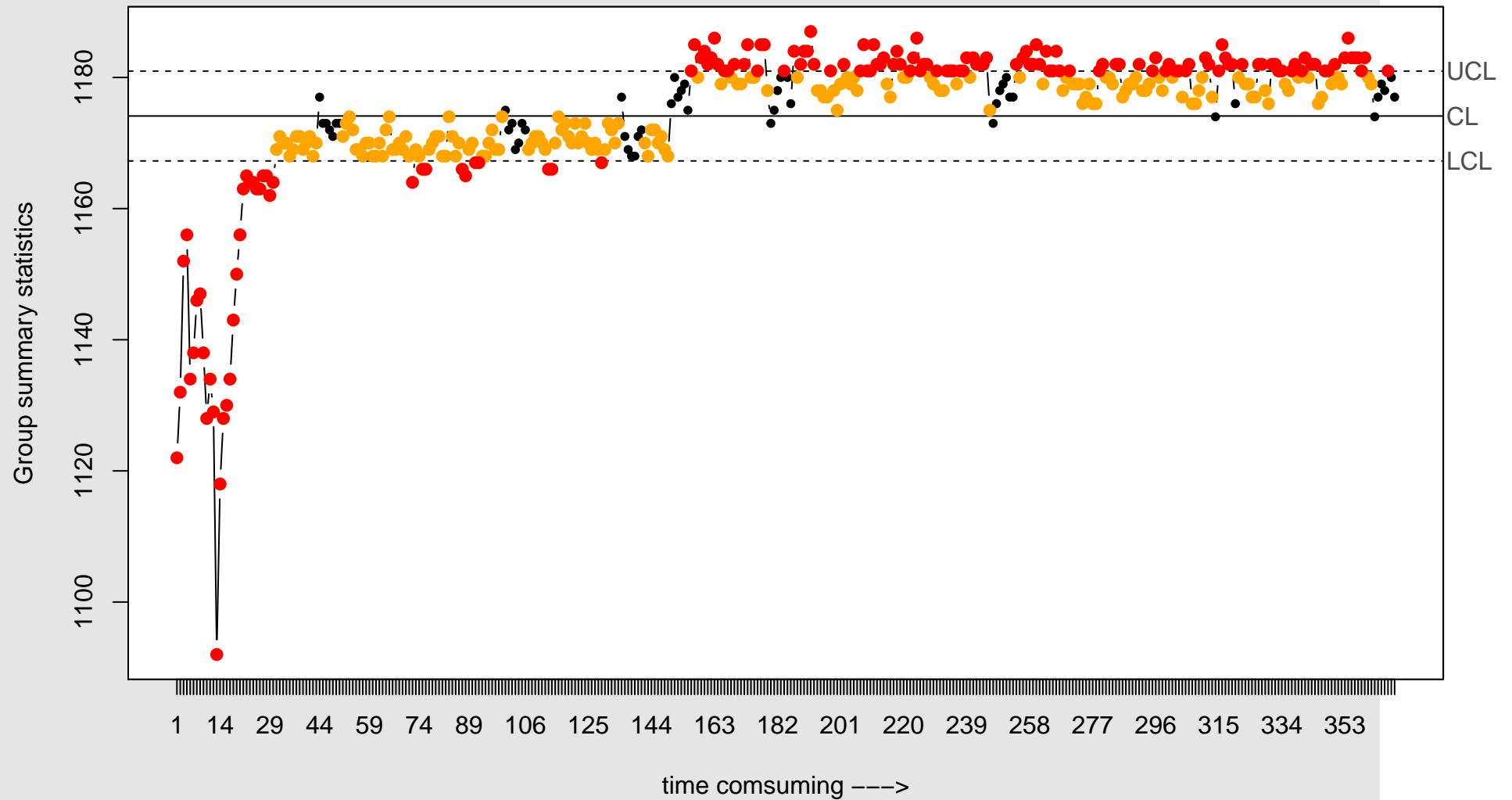
LCL = 1167.897

UCL = 1181.304

Number beyond limits = 129

Number violating runs = 291

123th column point of this product

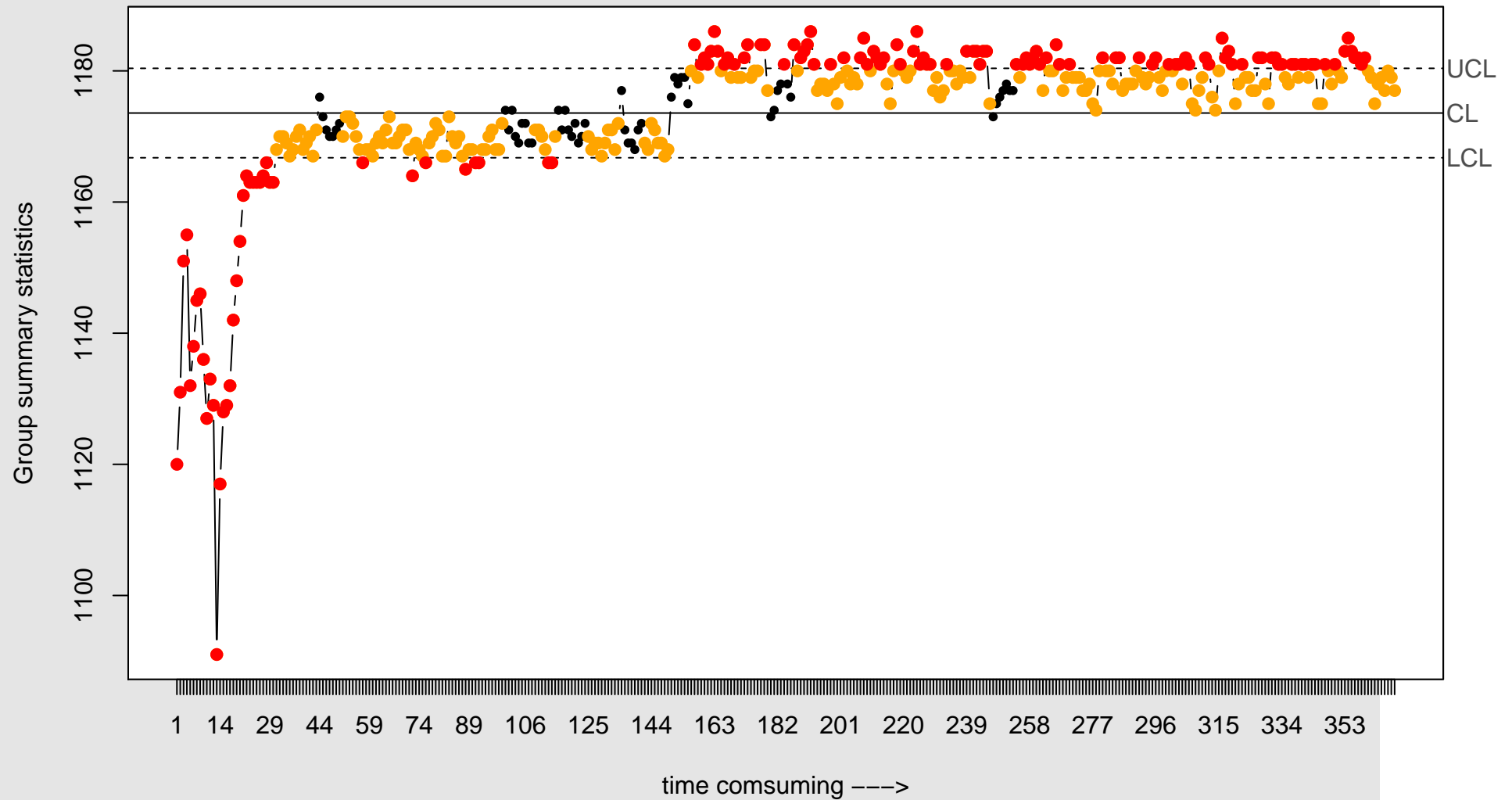


Number of groups = 368
Center = 1174.117
StdDev = 2.282741

LCL = 1167.269
UCL = 1180.965

Number beyond limits = 151
Number violating runs = 307

124th column point of this product



Number of groups = 368

Center = 1173.571

StdDev = 2.273079

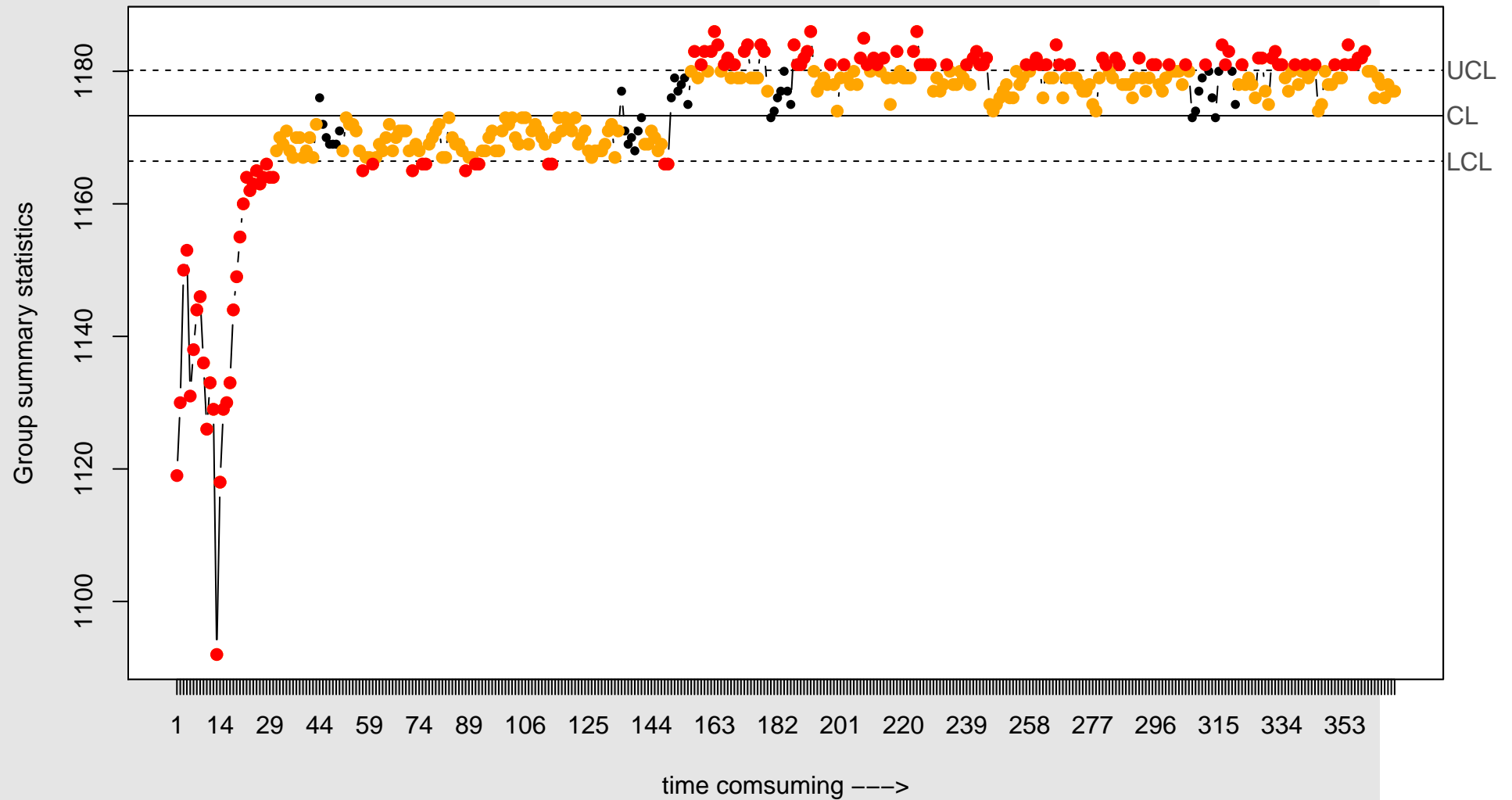
LCL = 1166.751

UCL = 1180.39

Number beyond limits = 133

Number violating runs = 310

125th column point of this product

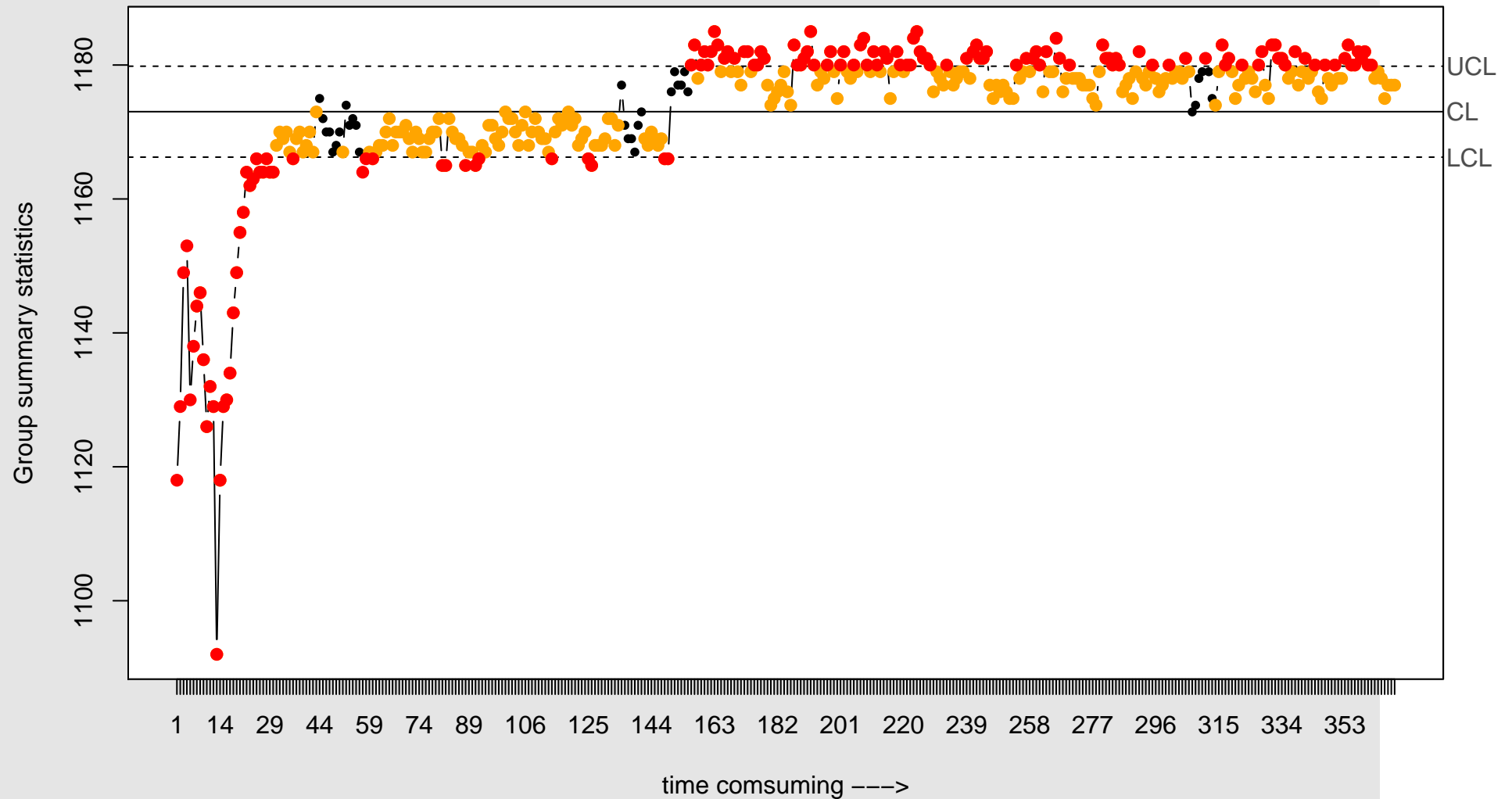


Number of groups = 368
Center = 1173.299
StdDev = 2.285157

LCL = 1166.443
UCL = 1180.154

Number beyond limits = 122
Number violating runs = 321

126th column point of this product



Number of groups = 368

Center = 1173.033

StdDev = 2.263416

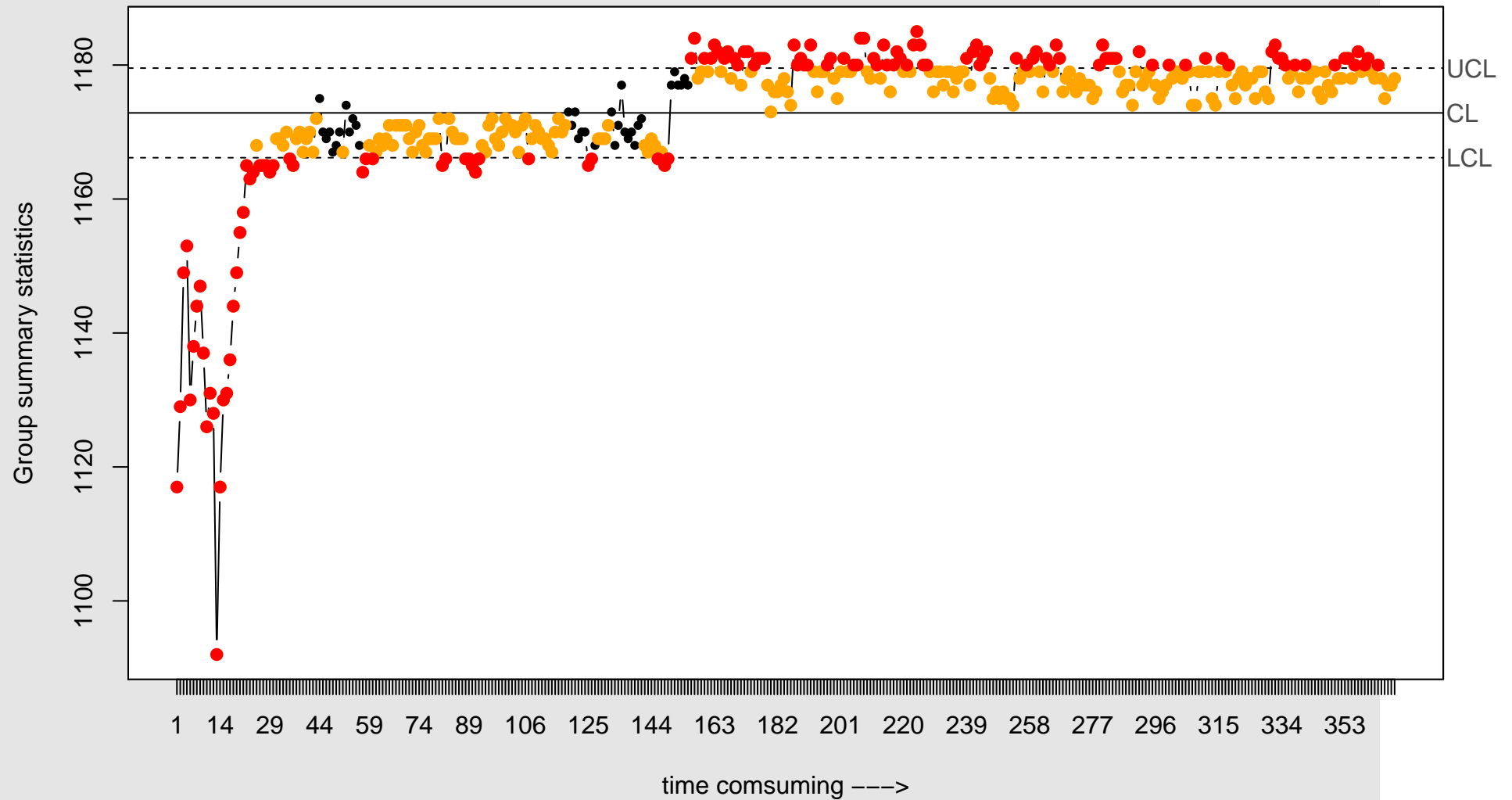
LCL = 1166.242

UCL = 1179.823

Number beyond limits = 142

Number violating runs = 328

127th column point of this product



Number of groups = 368

Center = 1172.853

StdDev = 2.229598

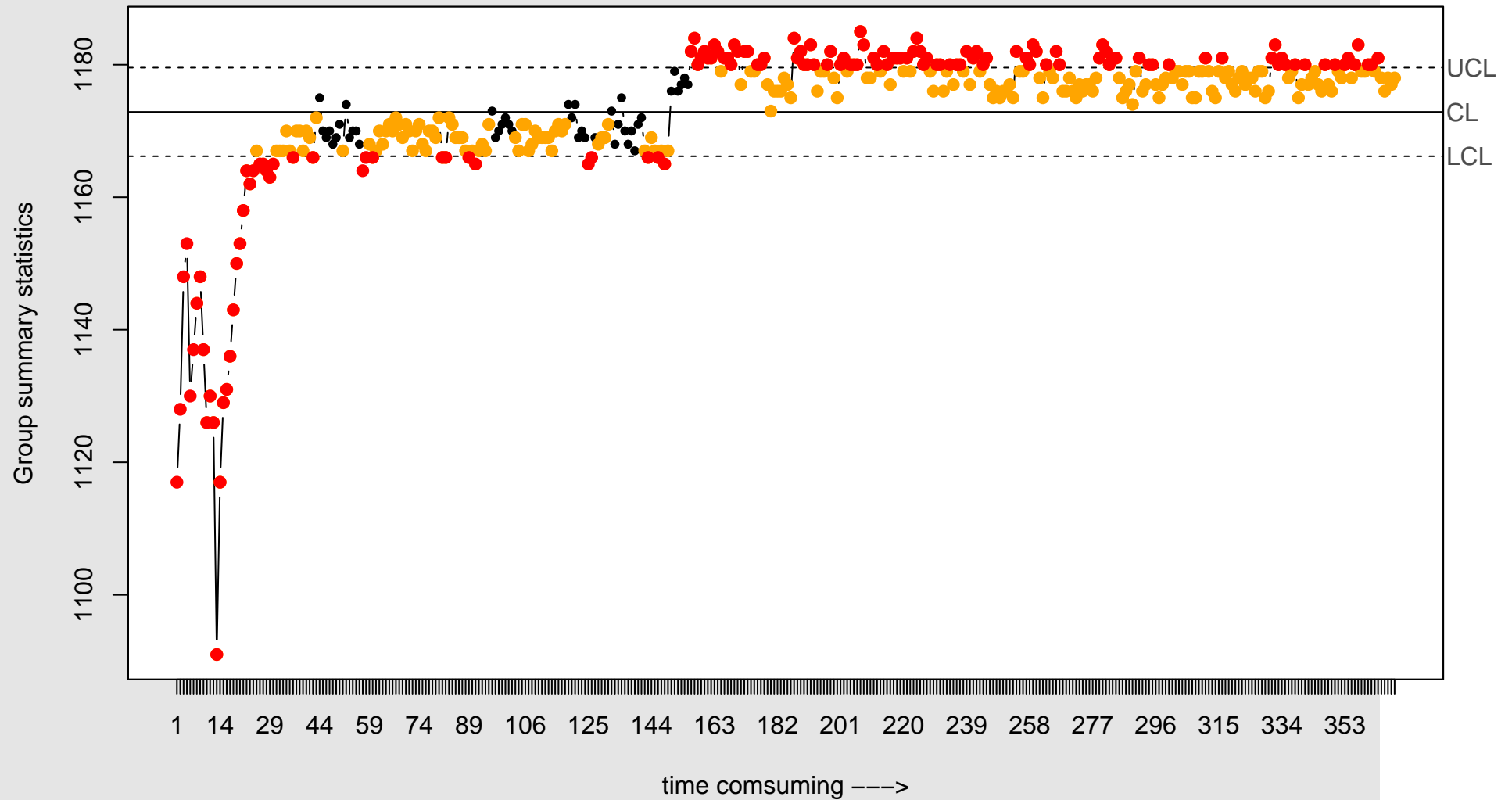
LCL = 1166.164

UCL = 1179.542

Number beyond limits = 131

Number violating runs = 323

128th column point of this product



Number of groups = 368

Center = 1172.87

StdDev = 2.229598

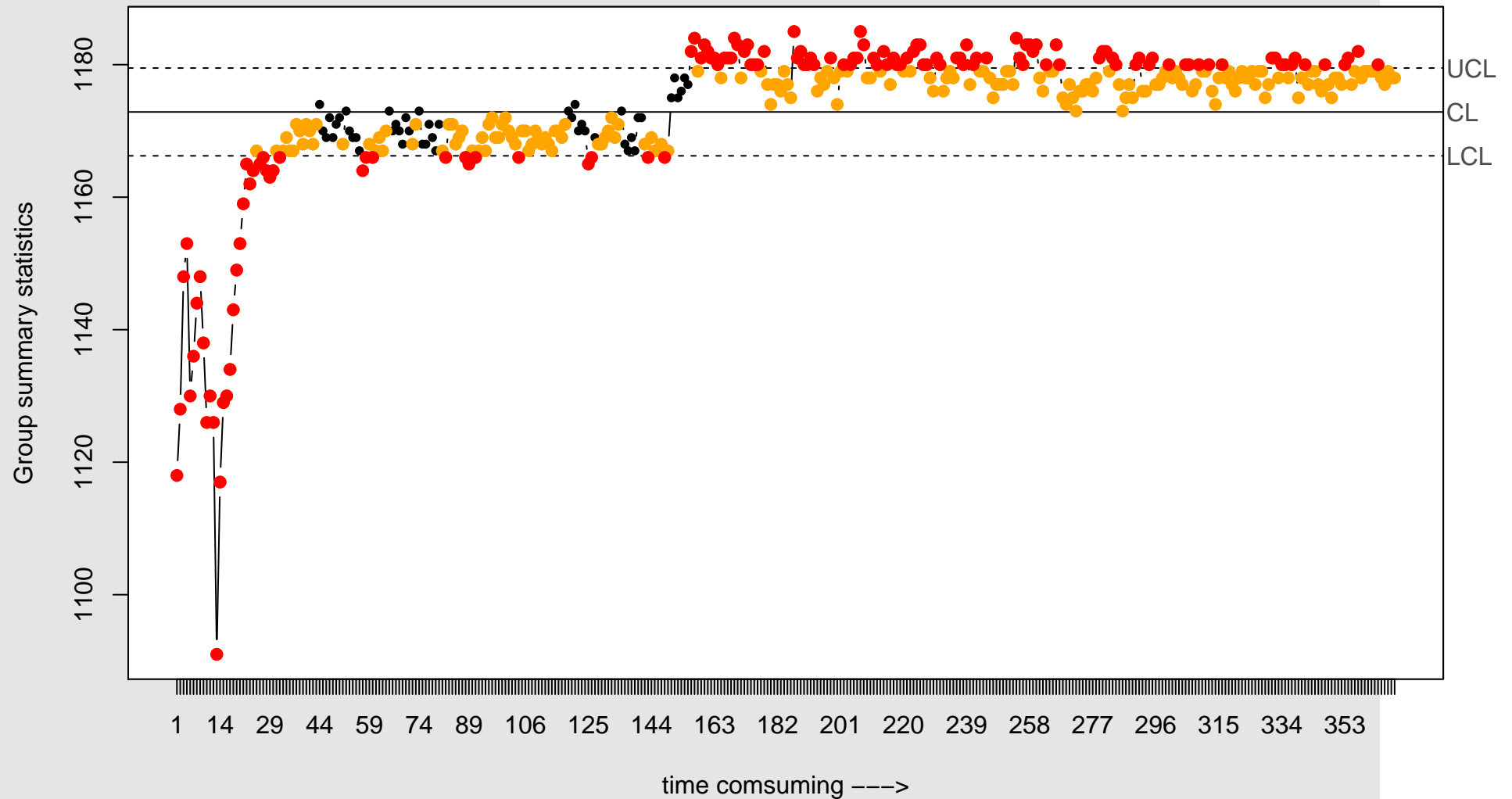
LCL = 1166.181

UCL = 1179.558

Number beyond limits = 137

Number violating runs = 316

129th column point of this product



Number of groups = 368

Center = 1172.861

StdDev = 2.207857

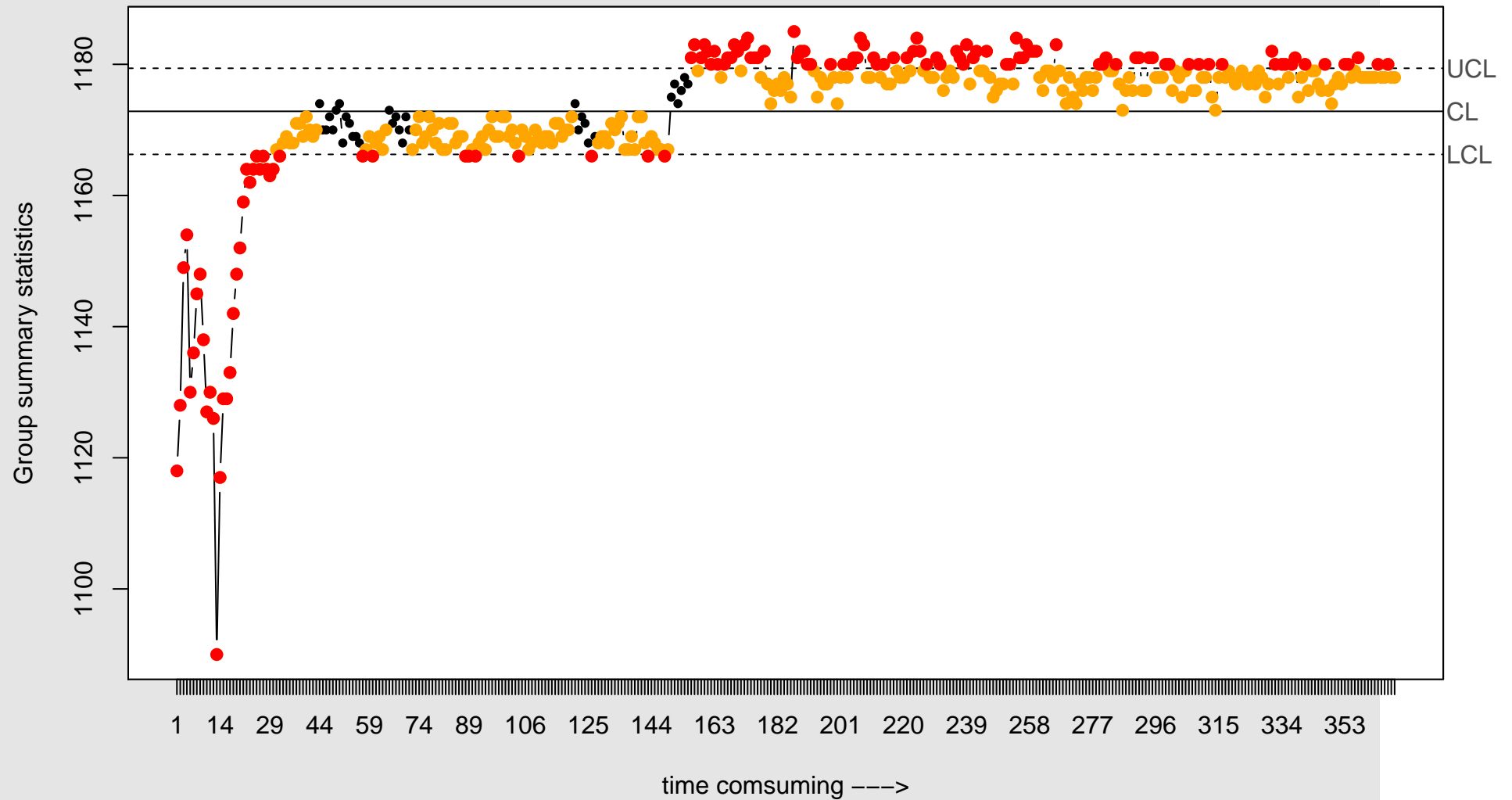
LCL = 1166.238

UCL = 1179.485

Number beyond limits = 134

Number violating runs = 312

130th column point of this product



Number of groups = 368

Center = 1172.832

StdDev = 2.188533

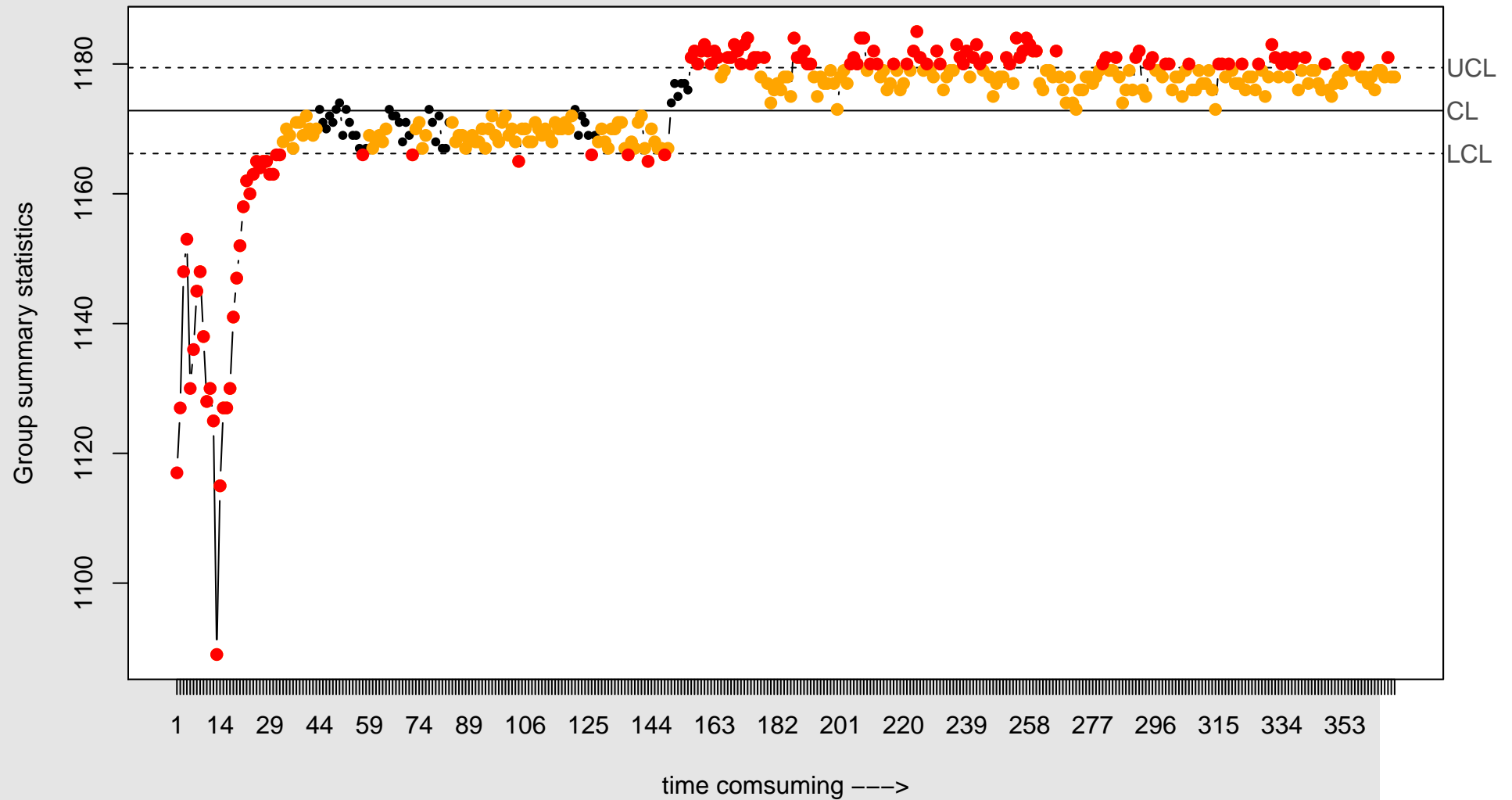
LCL = 1166.266

UCL = 1179.397

Number beyond limits = 127

Number violating runs = 329

131th column point of this product



Number of groups = 368

Center = 1172.815

StdDev = 2.205442

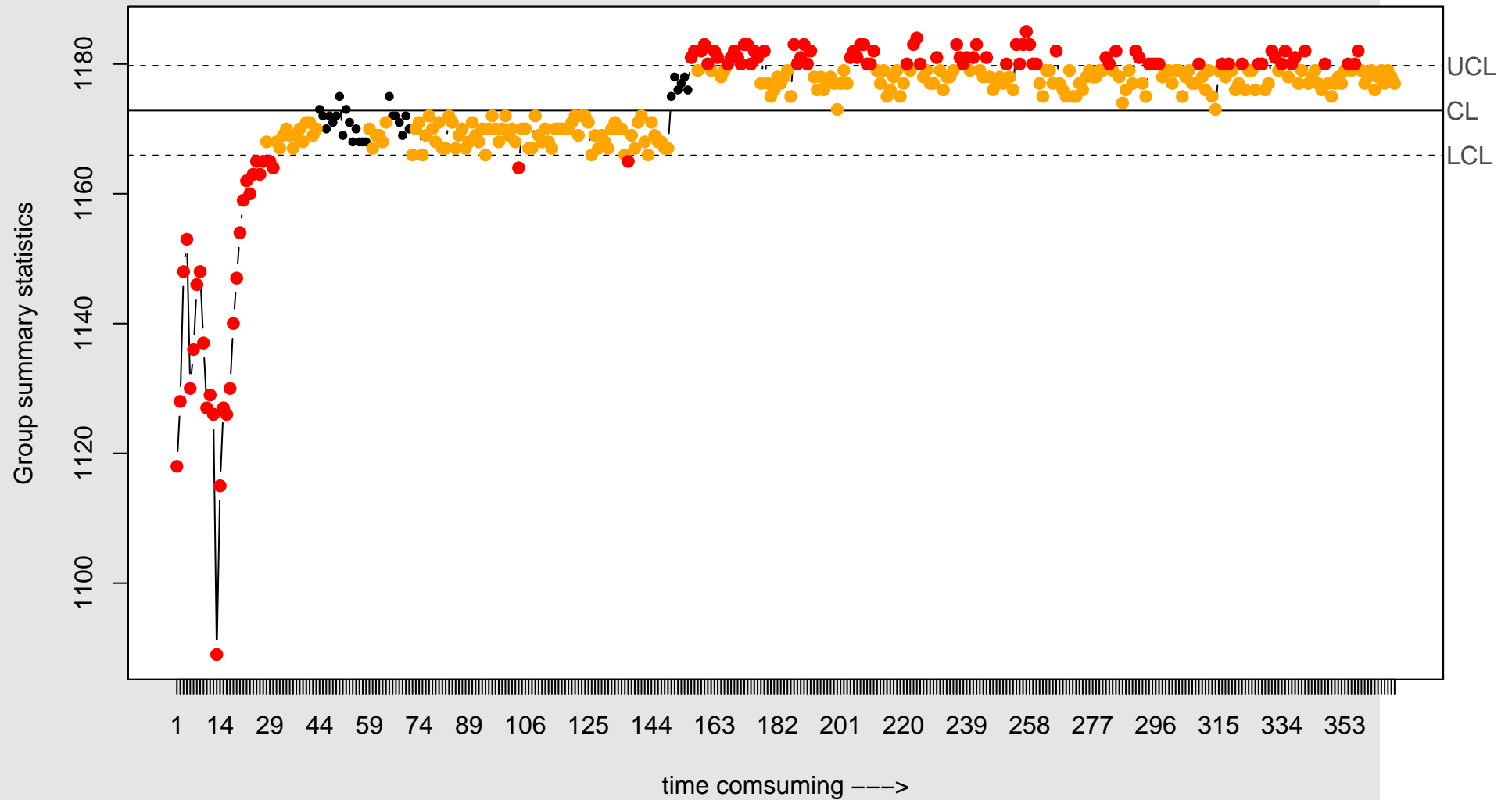
LCL = 1166.199

UCL = 1179.432

Number beyond limits = 126

Number violating runs = 320

132th column point of this product



Number of groups = 368

Center = 1172.821

StdDev = 2.302066

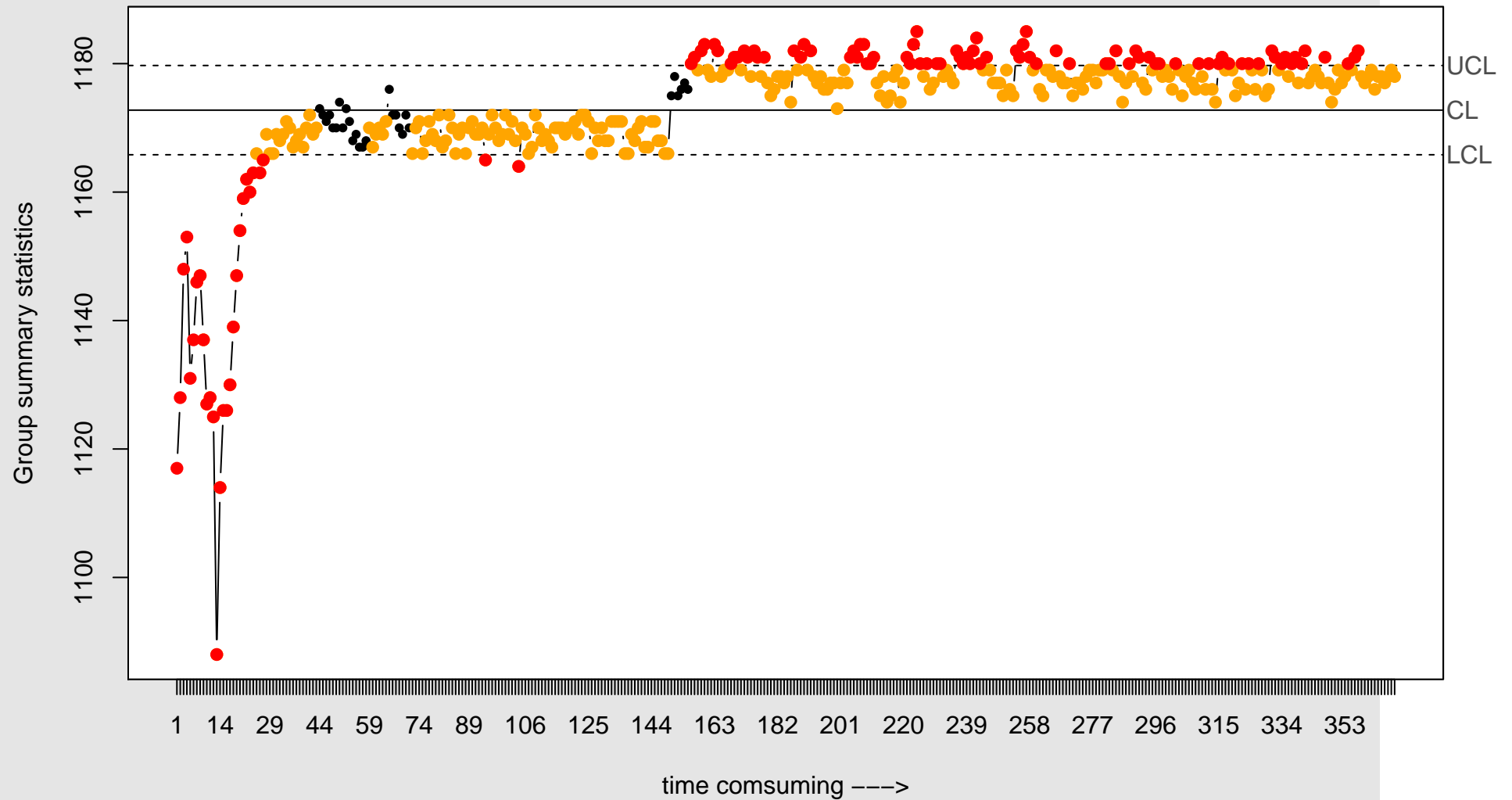
LCL = 1165.914

UCL = 1179.727

Number beyond limits = 110

Number violating runs = 334

133th column point of this product

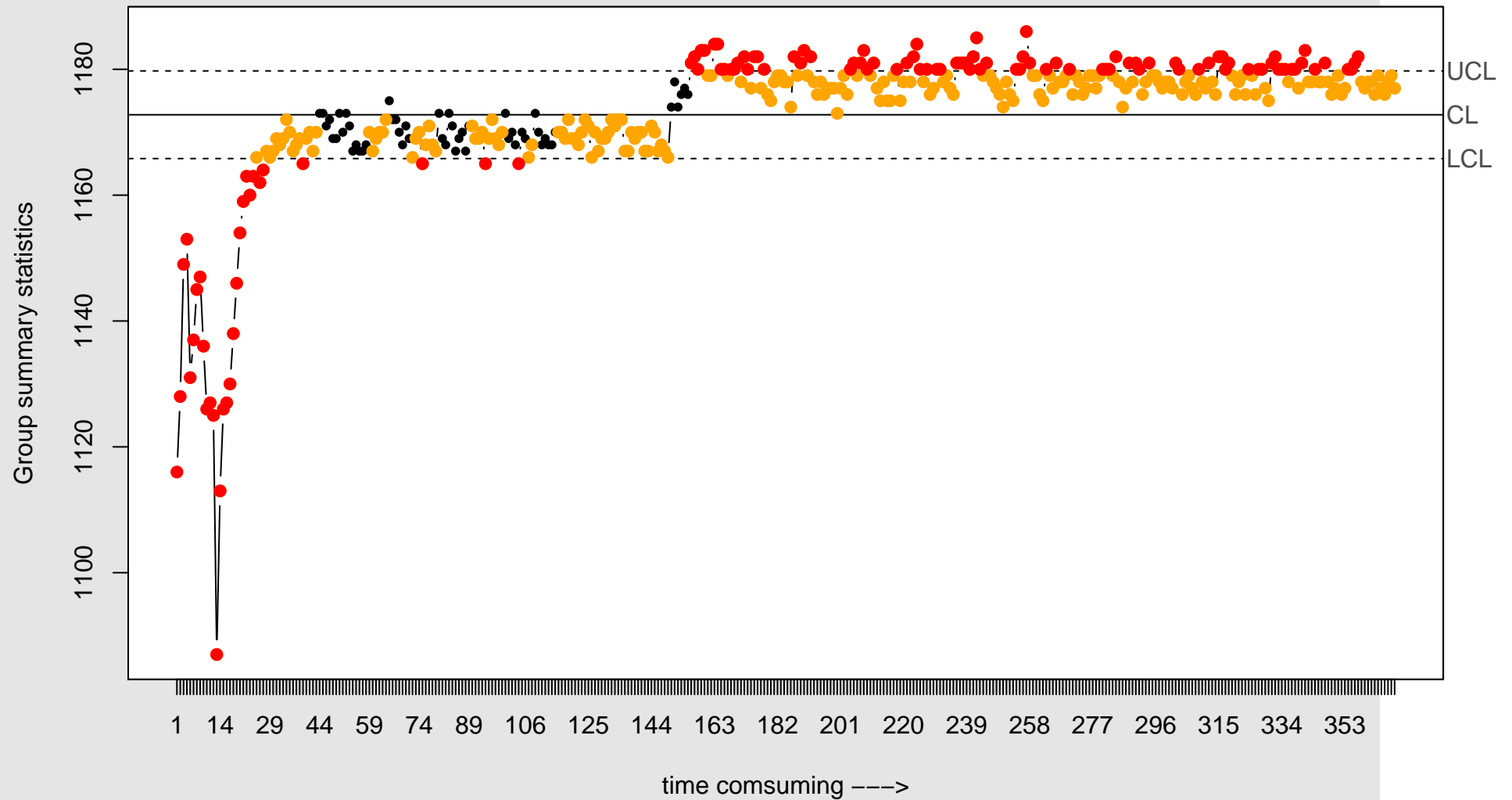


Number of groups = 368
Center = 1172.764
StdDev = 2.316559

LCL = 1165.814
UCL = 1179.713

Number beyond limits = 109
Number violating runs = 334

134th column point of this product

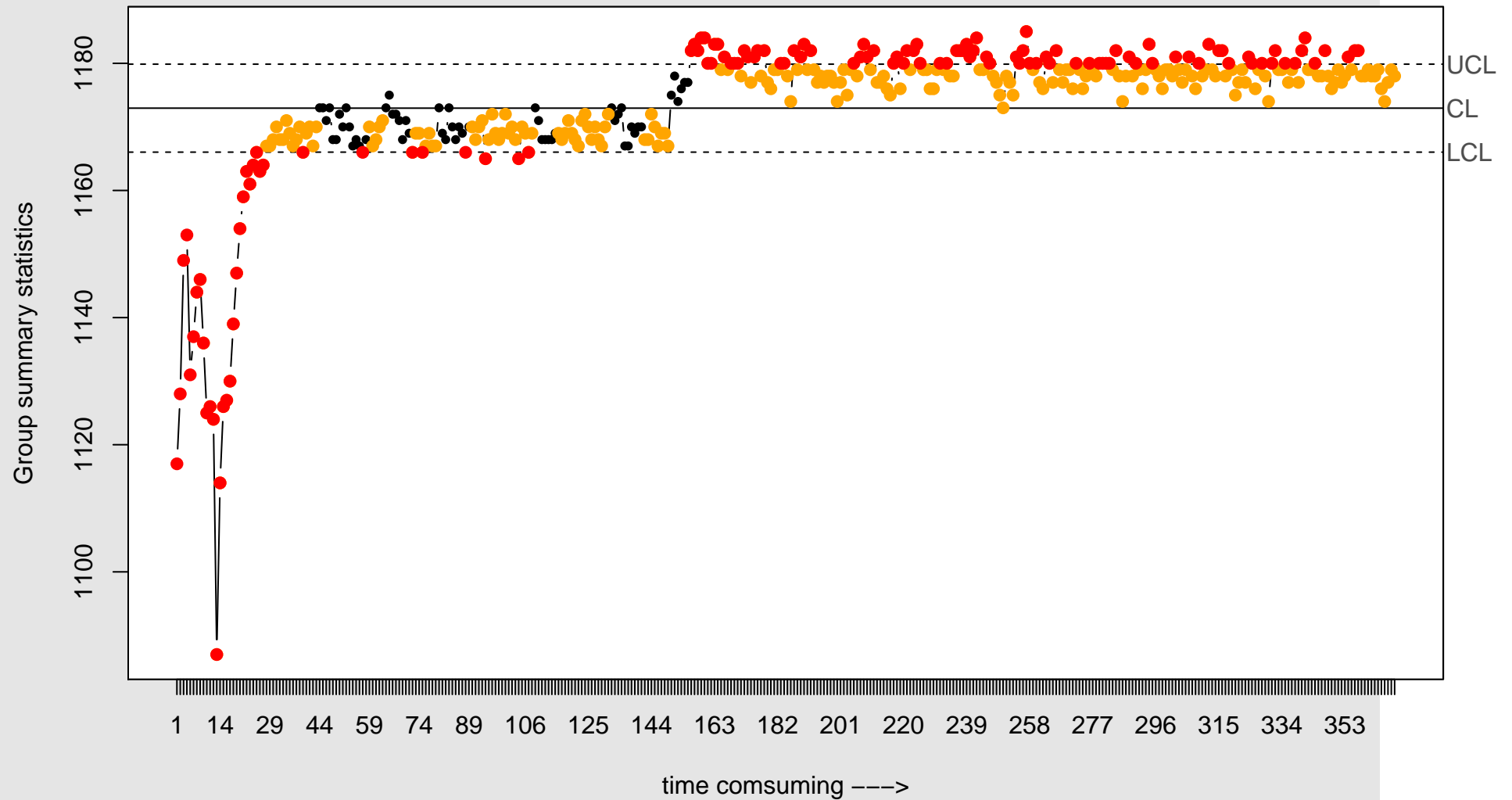


Number of groups = 368
Center = 1172.777
StdDev = 2.321391

LCL = 1165.813
UCL = 1179.741

Number beyond limits = 116
Number violating runs = 310

135th column point of this product

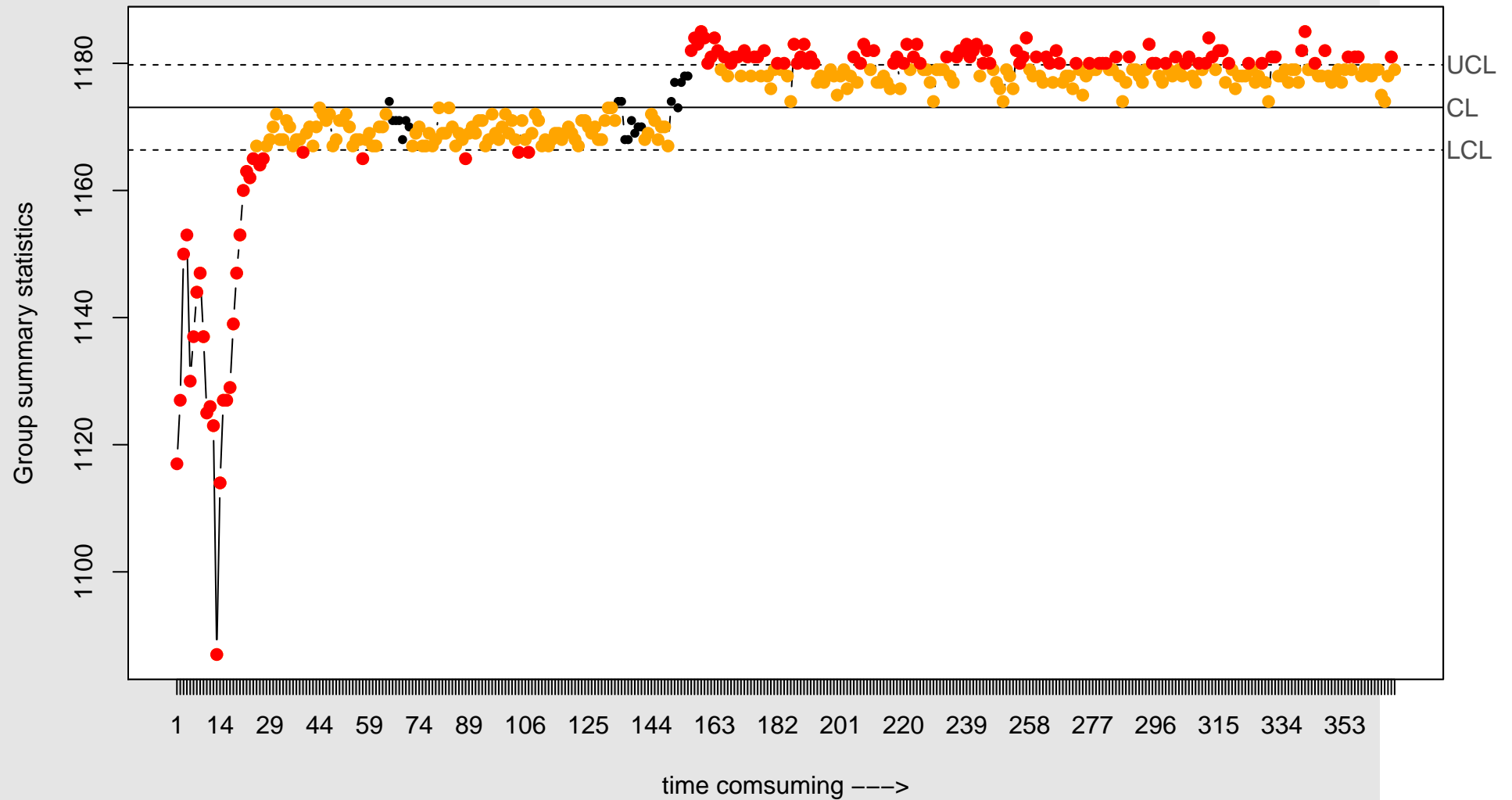


Number of groups = 368
Center = 1172.948
StdDev = 2.306897

LCL = 1166.028
UCL = 1179.869

Number beyond limits = 123
Number violating runs = 306

136th column point of this product

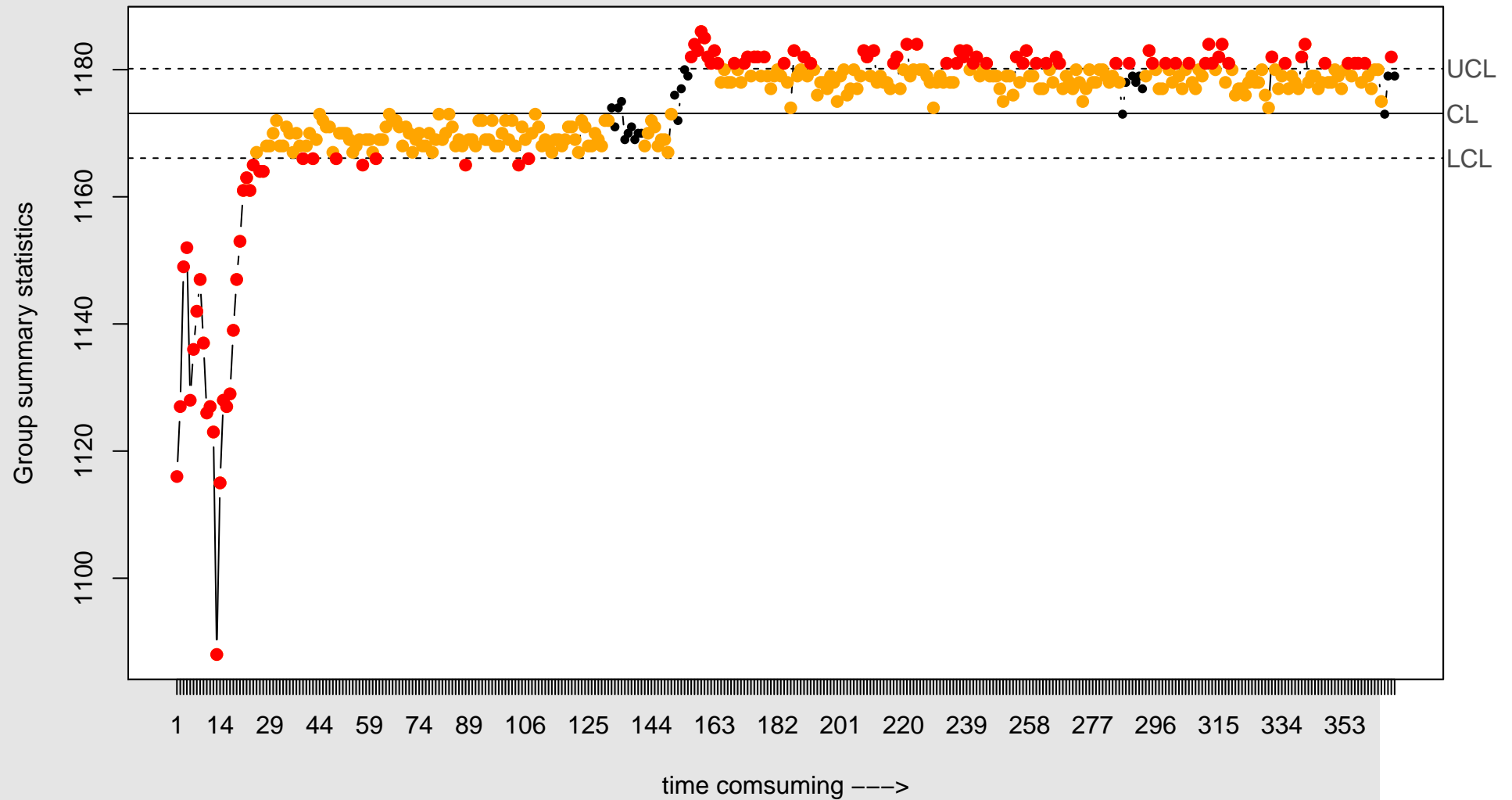


Number of groups = 368
Center = 1173.065
StdDev = 2.232013

LCL = 1166.369
UCL = 1179.761

Number beyond limits = 123
Number violating runs = 338

137th column point of this product



Number of groups = 368

Center = 1173.12

StdDev = 2.345547

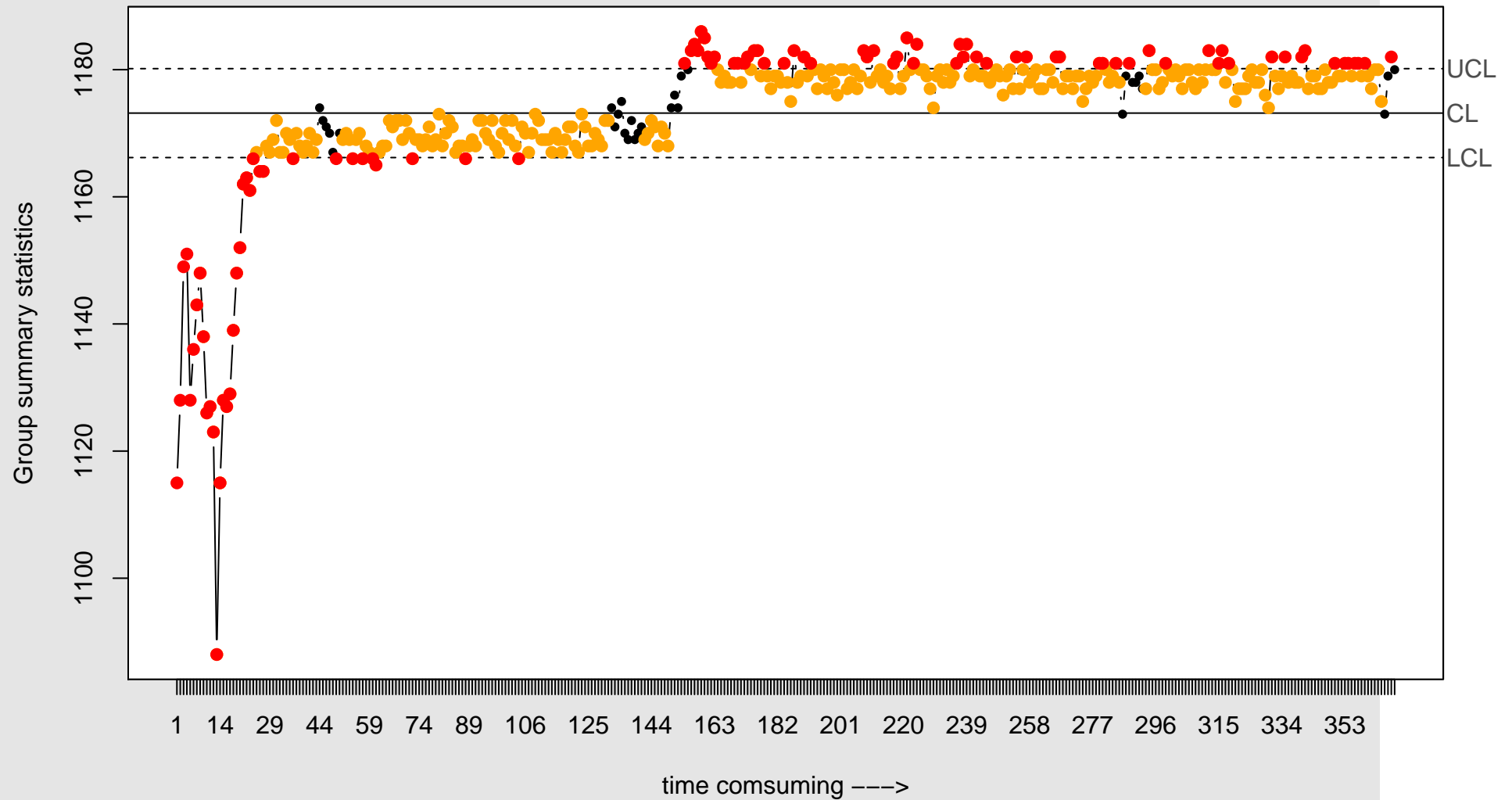
LCL = 1166.083

UCL = 1180.156

Number beyond limits = 98

Number violating runs = 333

138th column point of this product

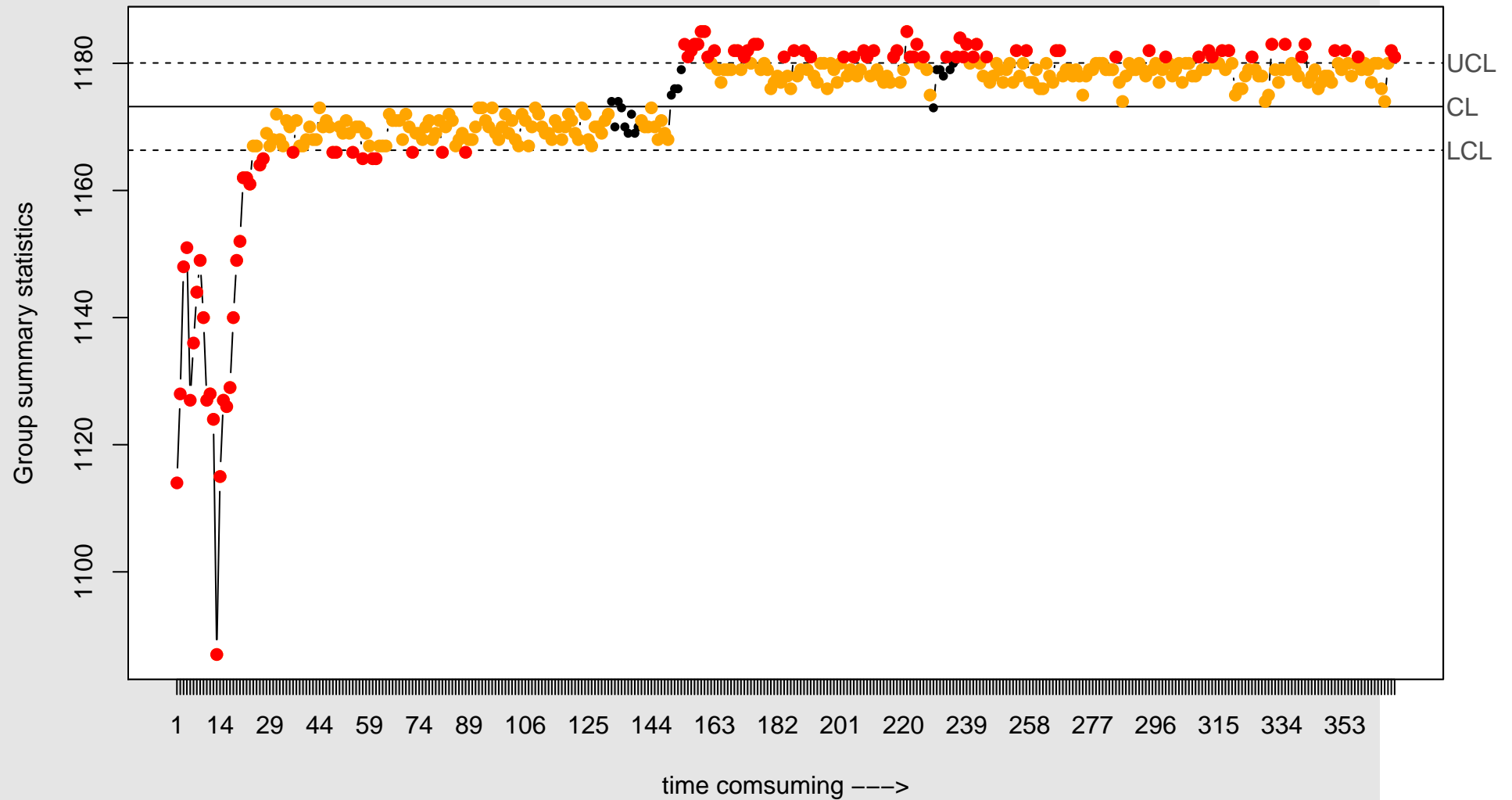


Number of groups = 368
Center = 1173.168
StdDev = 2.331053

LCL = 1166.175
UCL = 1180.162

Number beyond limits = 94
Number violating runs = 328

139th column point of this product



Number of groups = 368

Center = 1173.193

StdDev = 2.287572

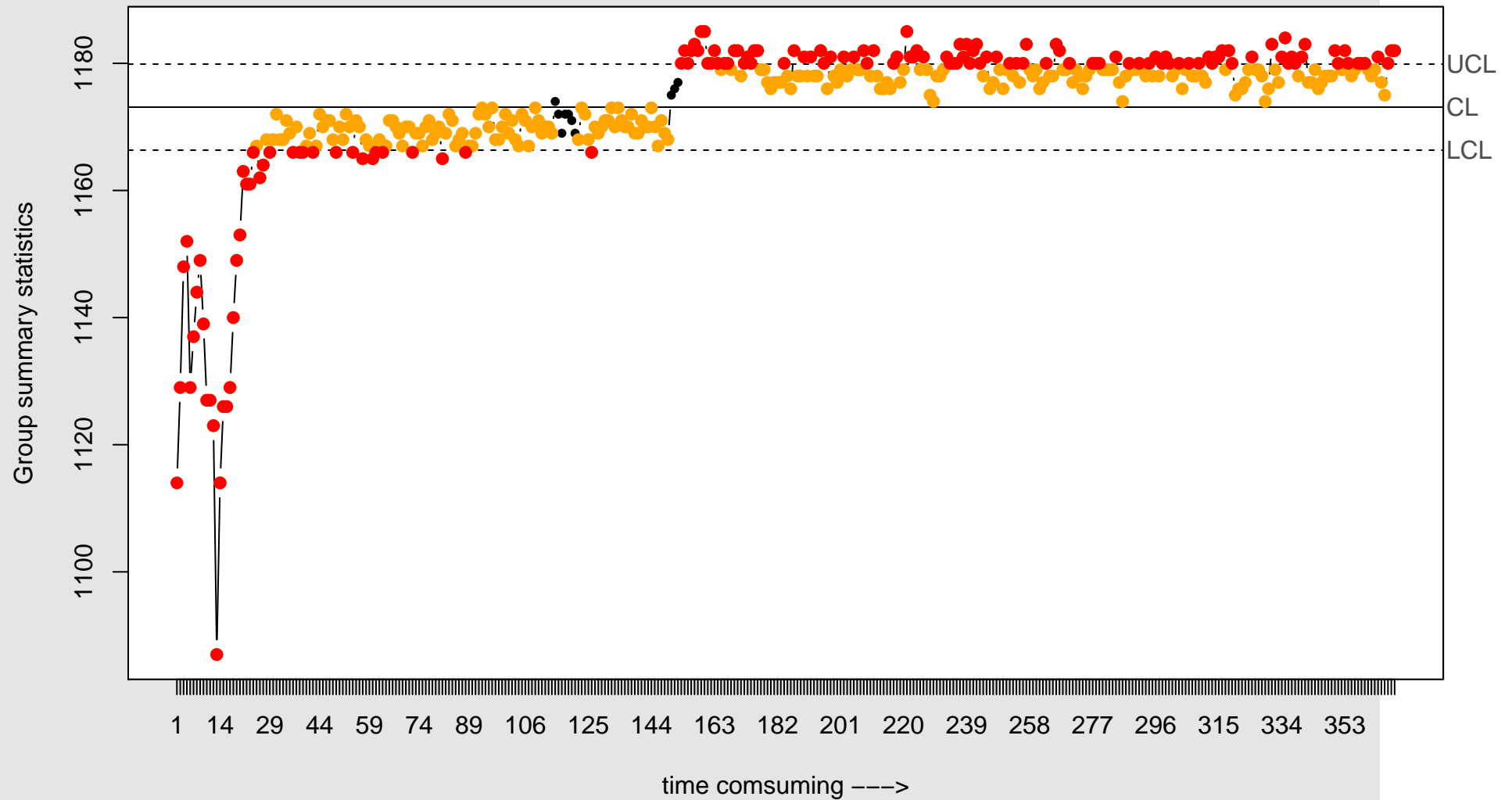
LCL = 1166.33

UCL = 1180.056

Number beyond limits = 96

Number violating runs = 340

140th column point of this product

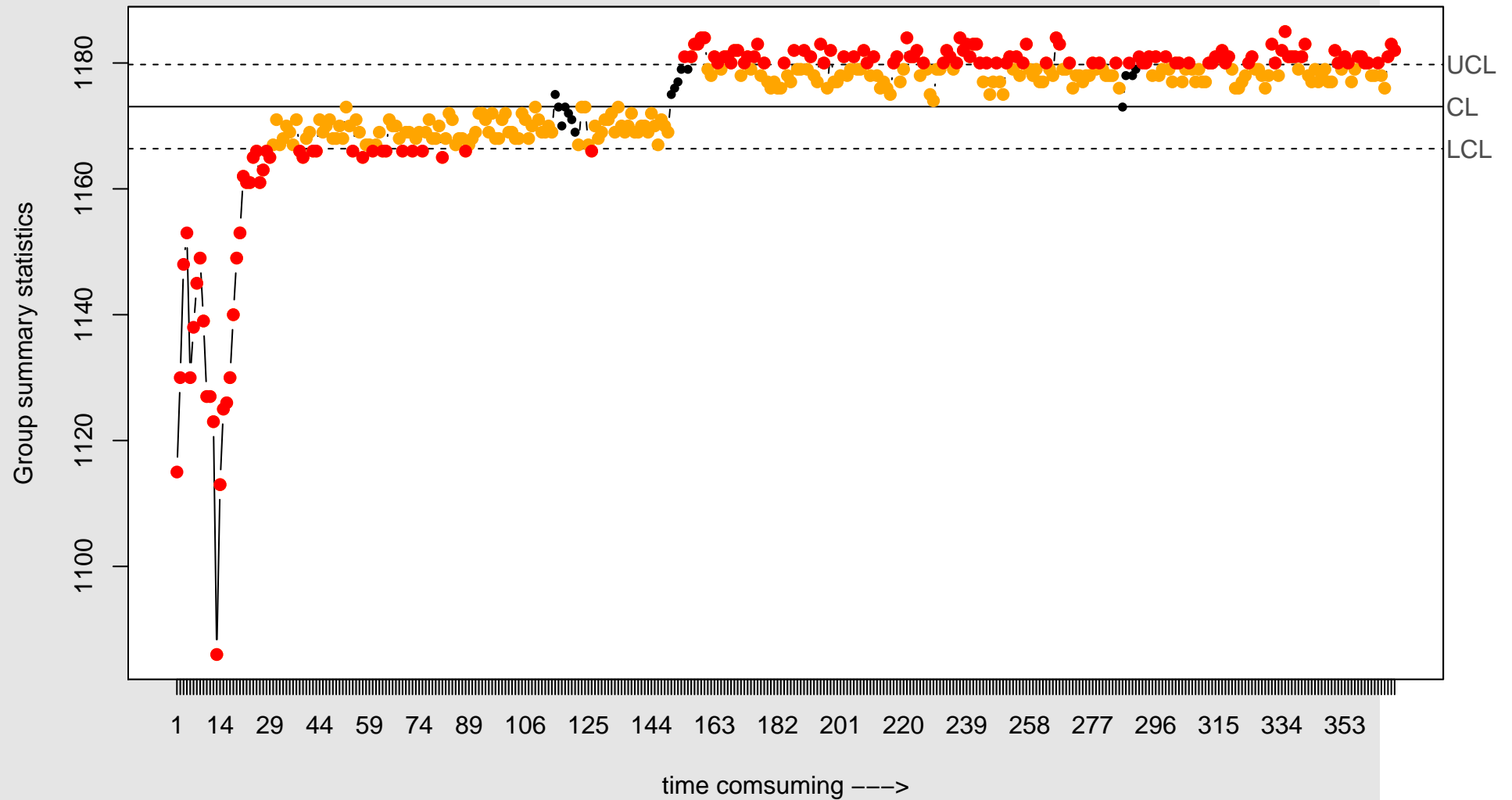


Number of groups = 368
Center = 1173.109
StdDev = 2.256169

LCL = 1166.34
UCL = 1179.877

Number beyond limits = 143
Number violating runs = 349

141th column point of this product

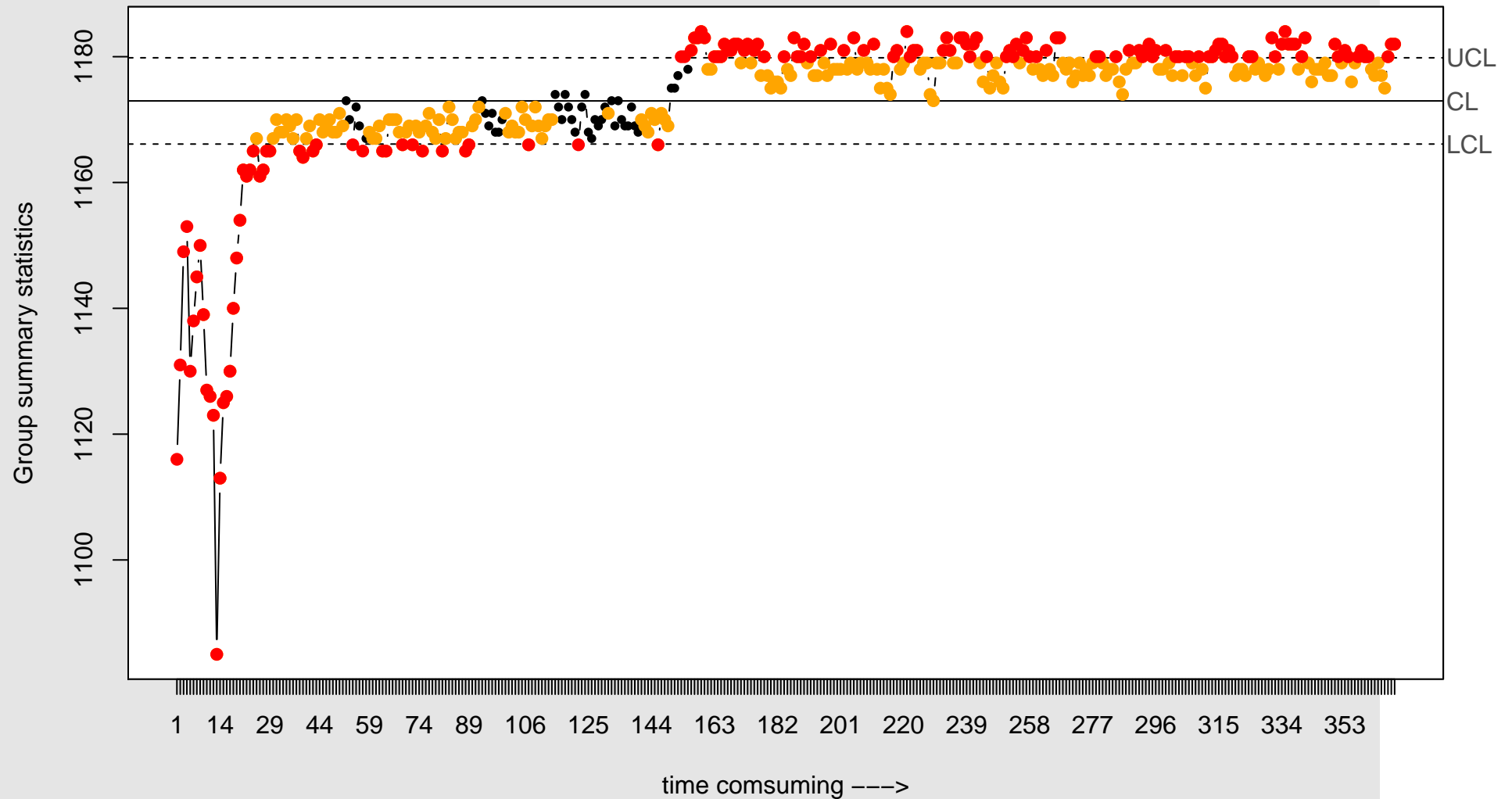


Number of groups = 368
Center = 1173.068
StdDev = 2.229598

LCL = 1166.379
UCL = 1179.757

Number beyond limits = 146
Number violating runs = 342

142th column point of this product

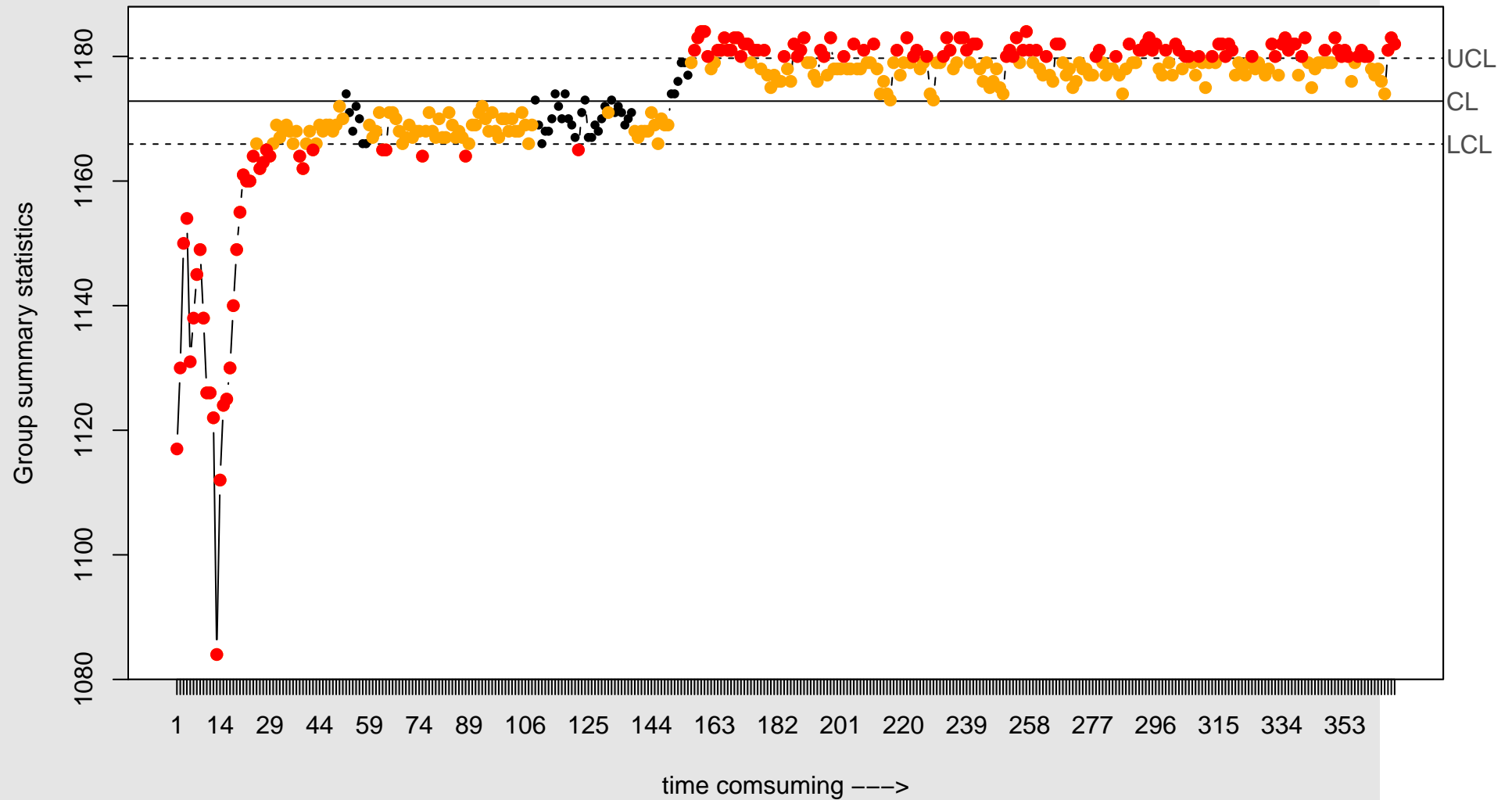


Number of groups = 368
Center = 1172.97
StdDev = 2.285157

LCL = 1166.115
UCL = 1179.826

Number beyond limits = 150
Number violating runs = 317

143th column point of this product

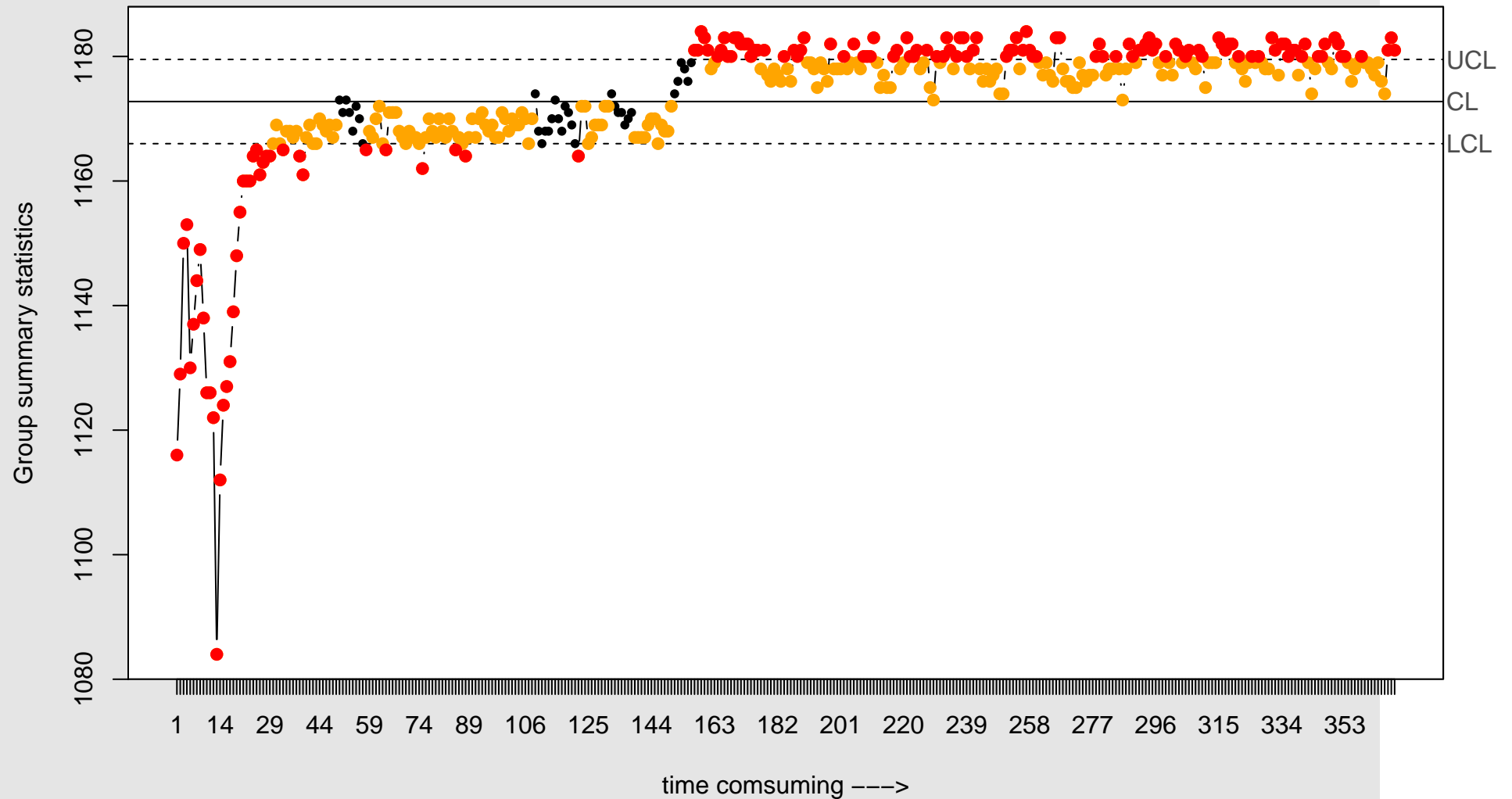


Number of groups = 368
Center = 1172.829
StdDev = 2.297235

LCL = 1165.937
UCL = 1179.721

Number beyond limits = 135
Number violating runs = 320

144th column point of this product

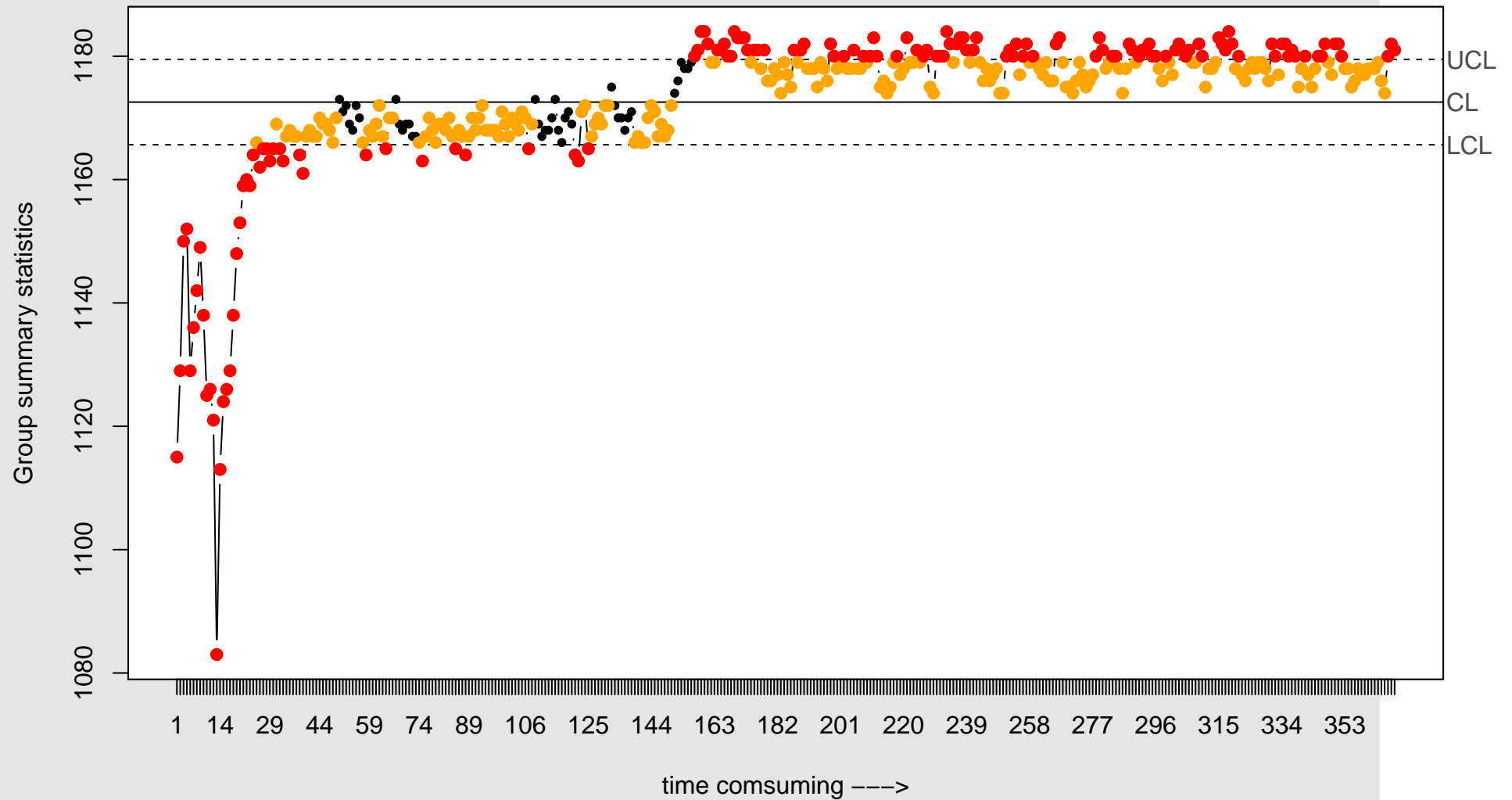


Number of groups = 368
Center = 1172.758
StdDev = 2.253754

LCL = 1165.997
UCL = 1179.519

Number beyond limits = 144
Number violating runs = 327

145th column point of this product

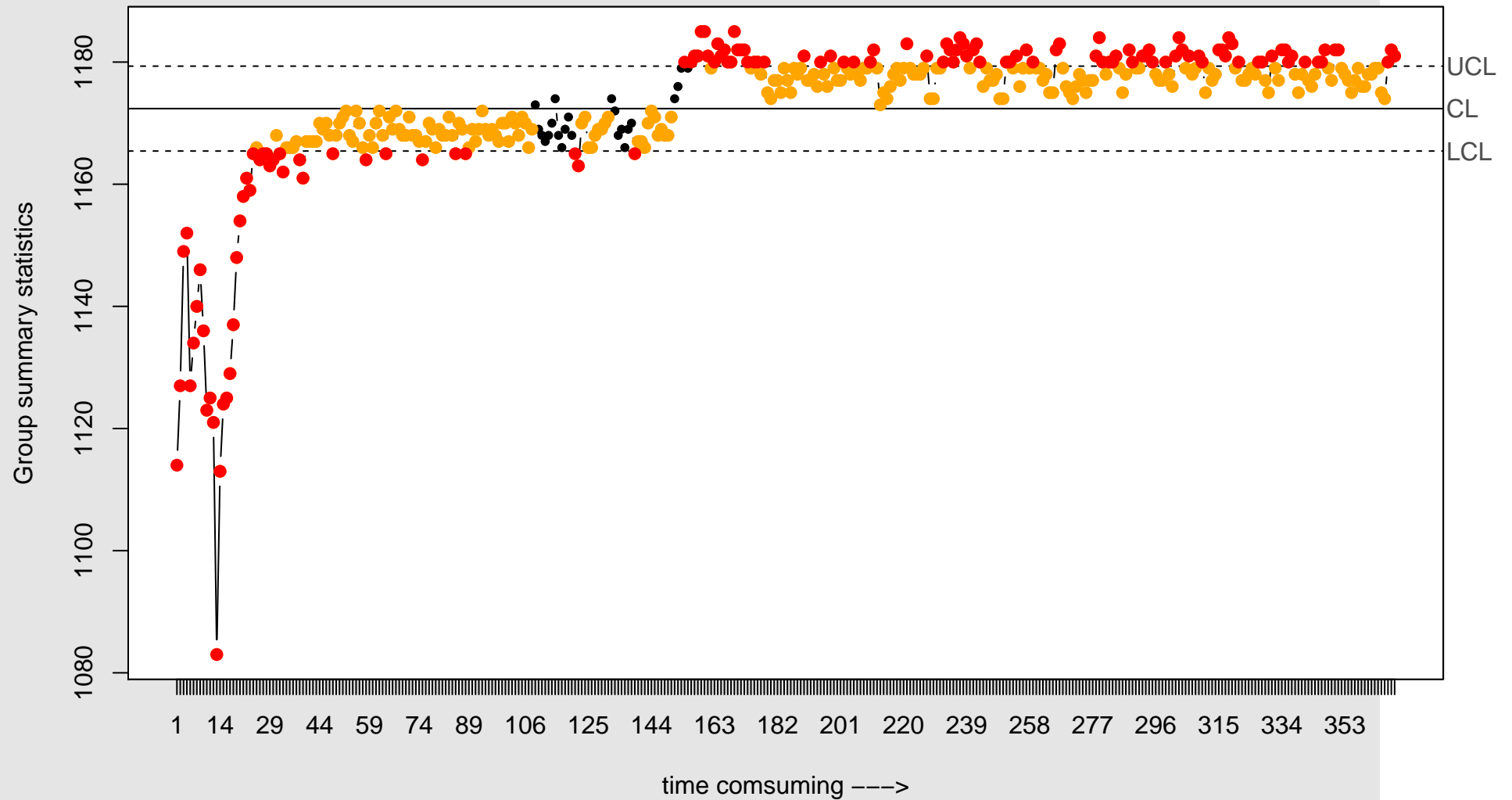


Number of groups = 368
Center = 1172.56
StdDev = 2.304481

LCL = 1165.646
UCL = 1179.473

Number beyond limits = 140
Number violating runs = 322

146th column point of this product

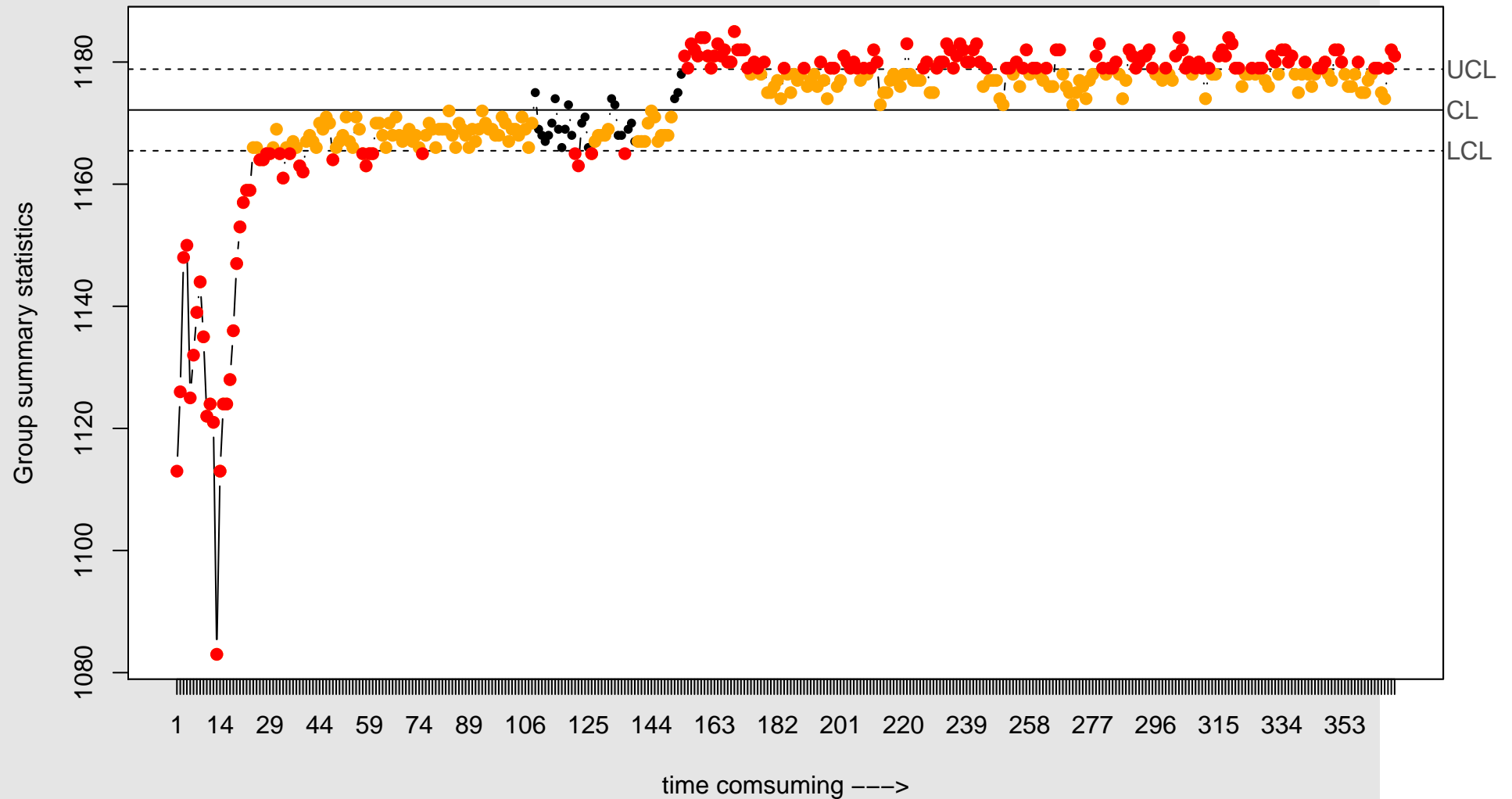


Number of groups = 368
Center = 1172.383
StdDev = 2.316559

LCL = 1165.433
UCL = 1179.333

Number beyond limits = 131
Number violating runs = 336

147th column point of this product

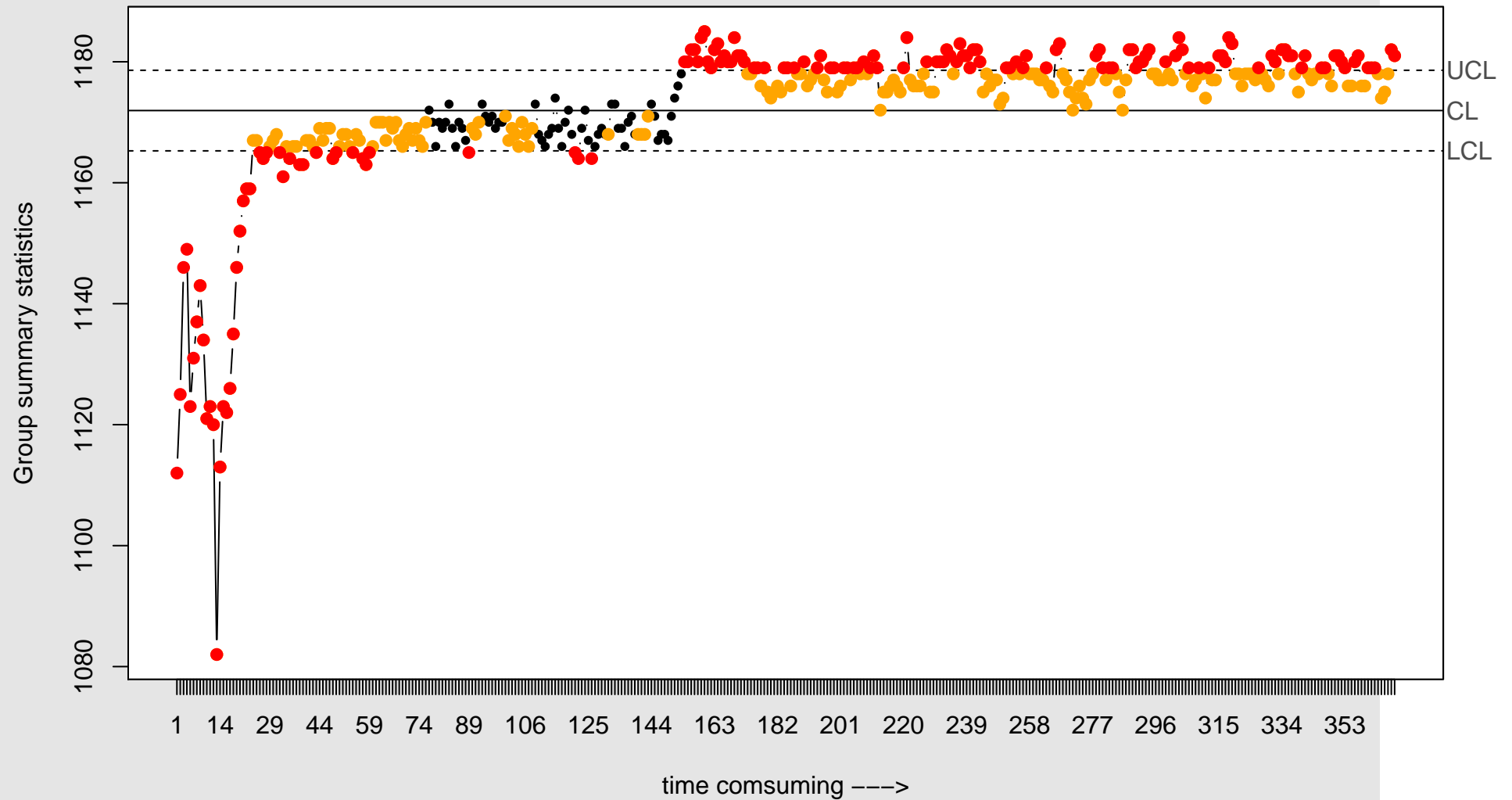


Number of groups = 368
Center = 1172.152
StdDev = 2.227182

LCL = 1165.471
UCL = 1178.834

Number beyond limits = 160
Number violating runs = 331

148th column point of this product

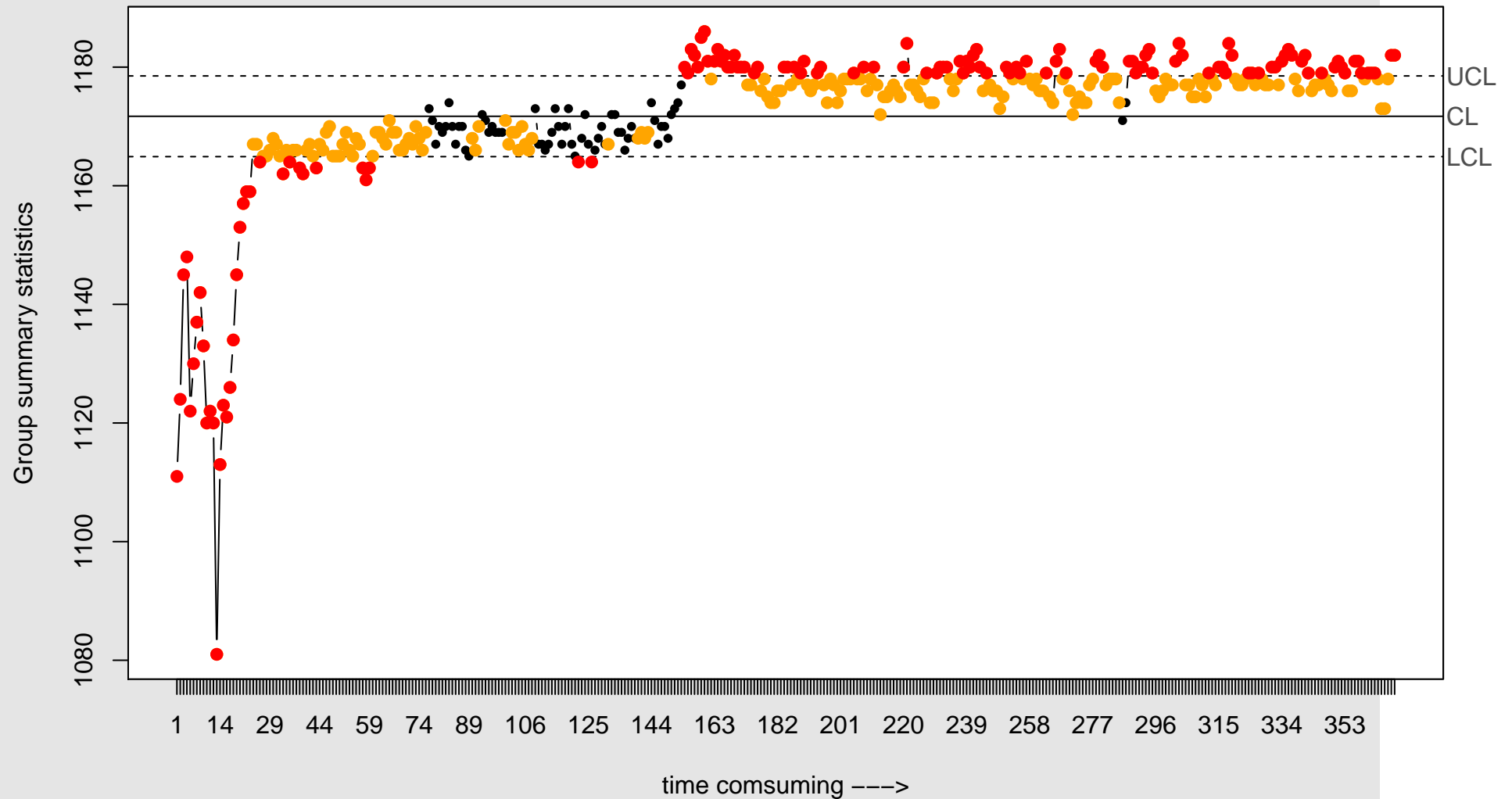


Number of groups = 368
Center = 1171.935
StdDev = 2.219935

LCL = 1165.275
UCL = 1178.595

Number beyond limits = 150
Number violating runs = 299

149th column point of this product

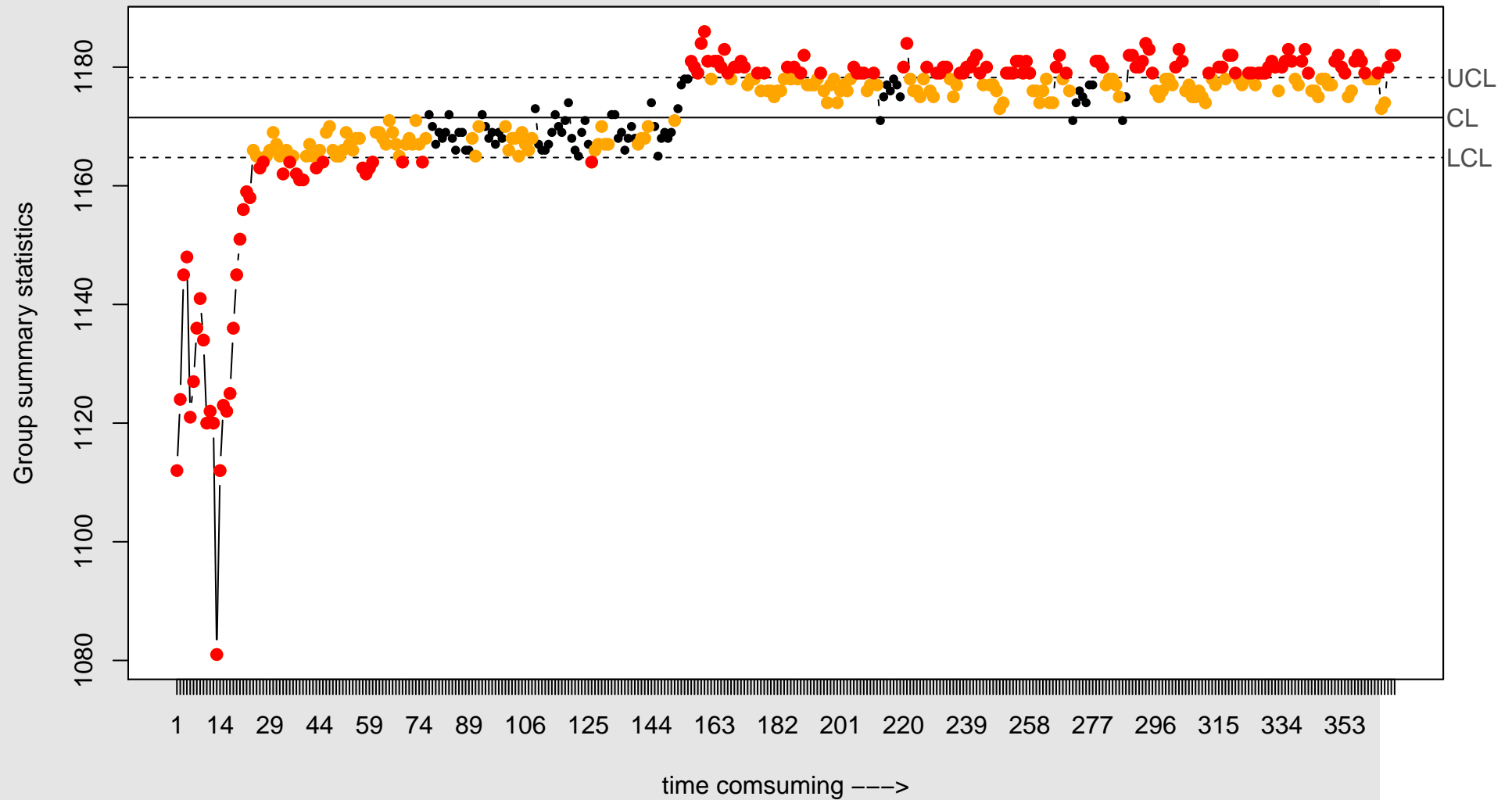


Number of groups = 368
Center = 1171.709
StdDev = 2.268247

LCL = 1164.904
UCL = 1178.514

Number beyond limits = 133
Number violating runs = 293

150th column point of this product



Number of groups = 368

Center = 1171.5

StdDev = 2.246507

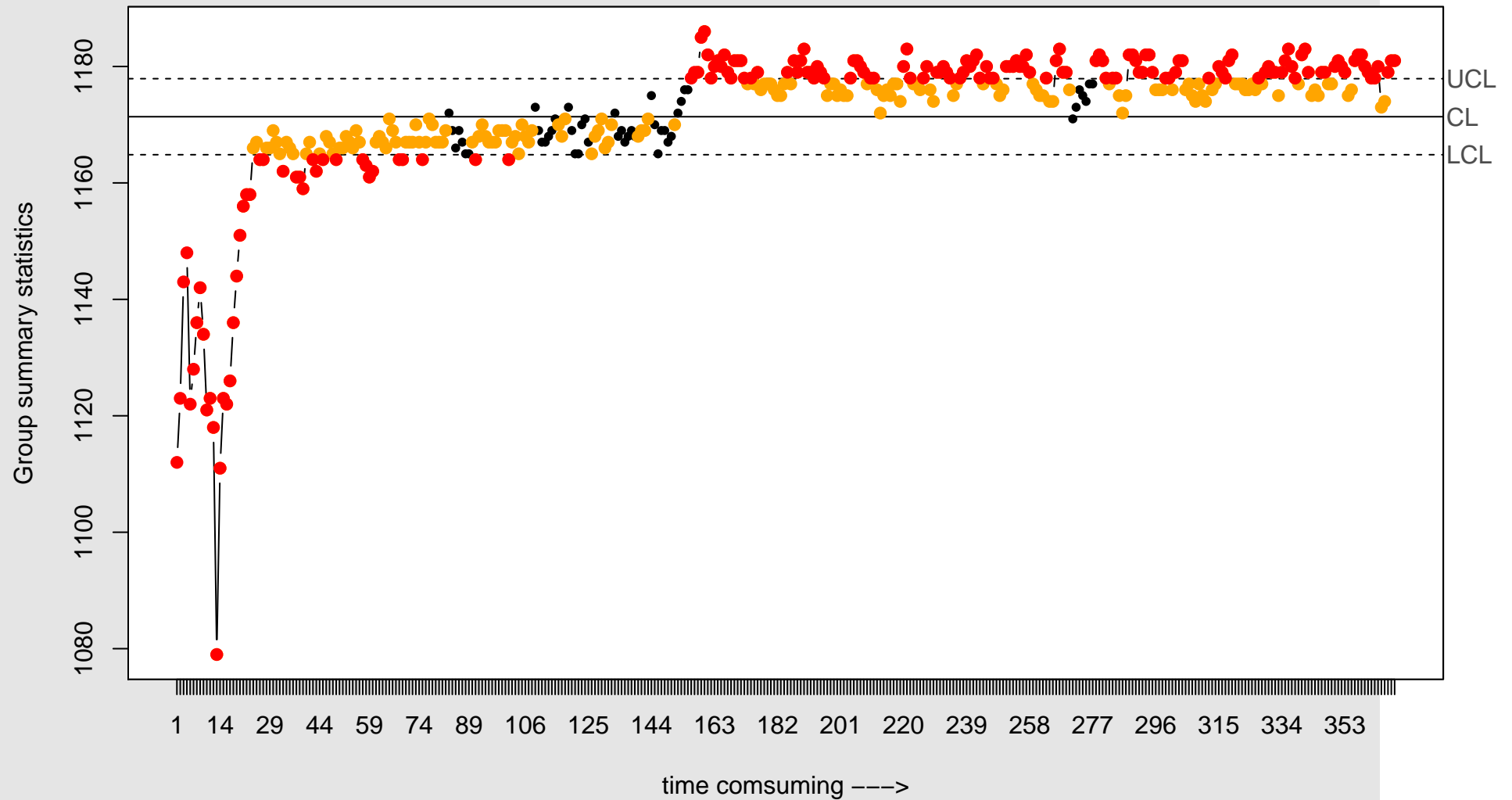
LCL = 1164.76

UCL = 1178.24

Number beyond limits = 139

Number violating runs = 283

151th column point of this product

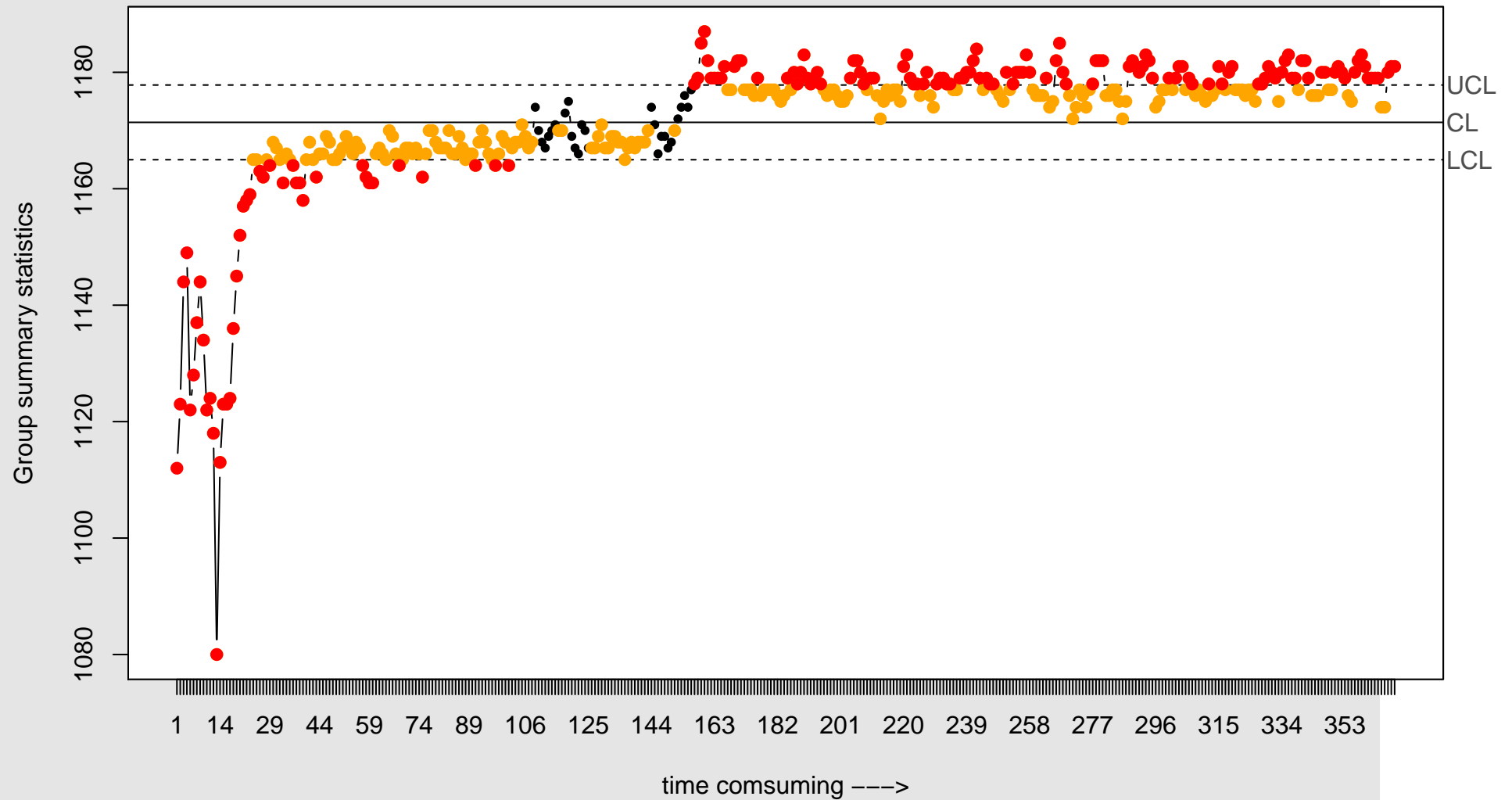


Number of groups = 368
Center = 1171.372
StdDev = 2.176455

LCL = 1164.843
UCL = 1177.902

Number beyond limits = 167
Number violating runs = 314

152th column point of this product



Number of groups = 368

Center = 1171.399

StdDev = 2.137805

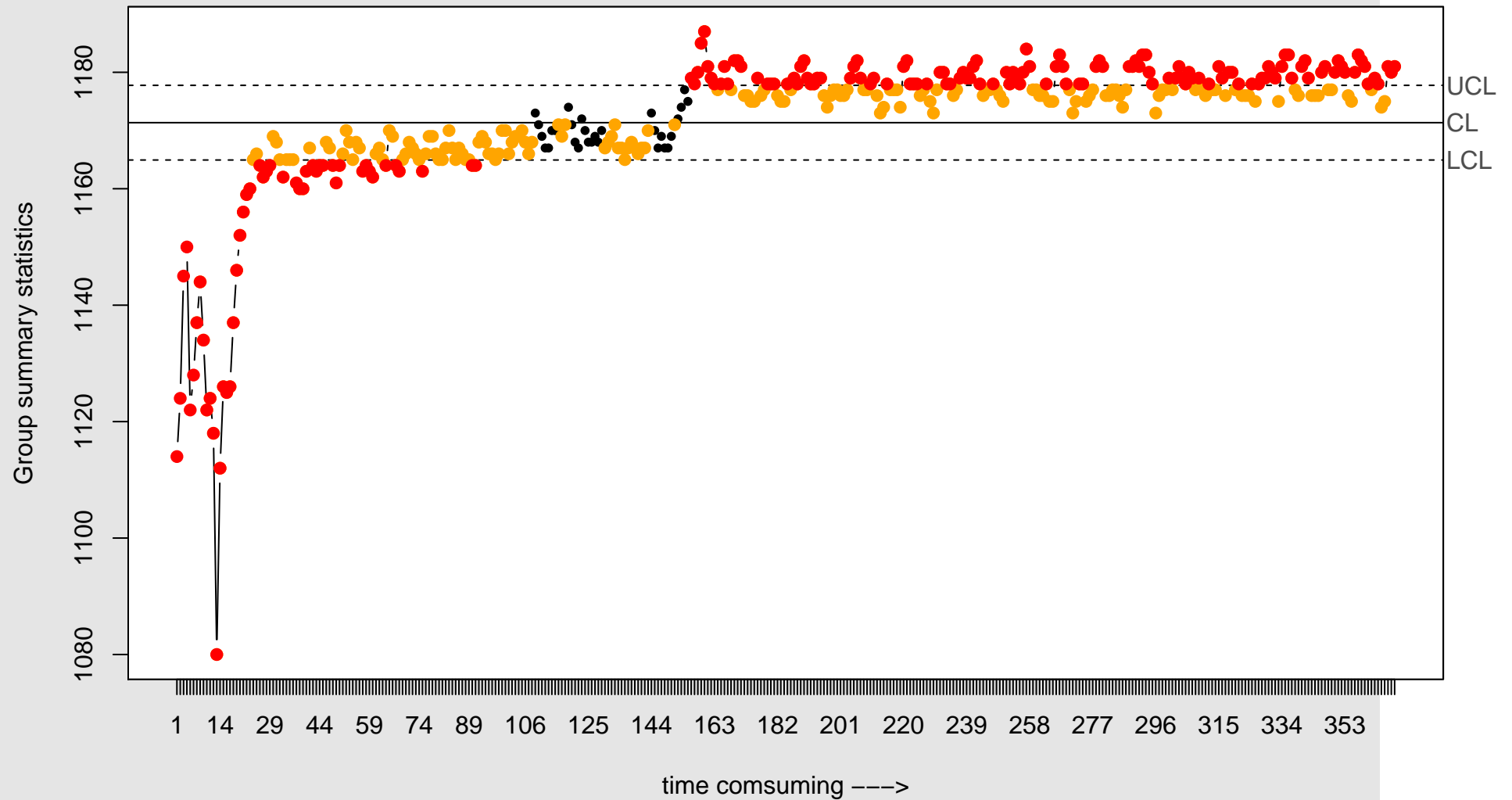
LCL = 1164.986

UCL = 1177.813

Number beyond limits = 160

Number violating runs = 334

153th column point of this product



Number of groups = 368

Center = 1171.348

StdDev = 2.137805

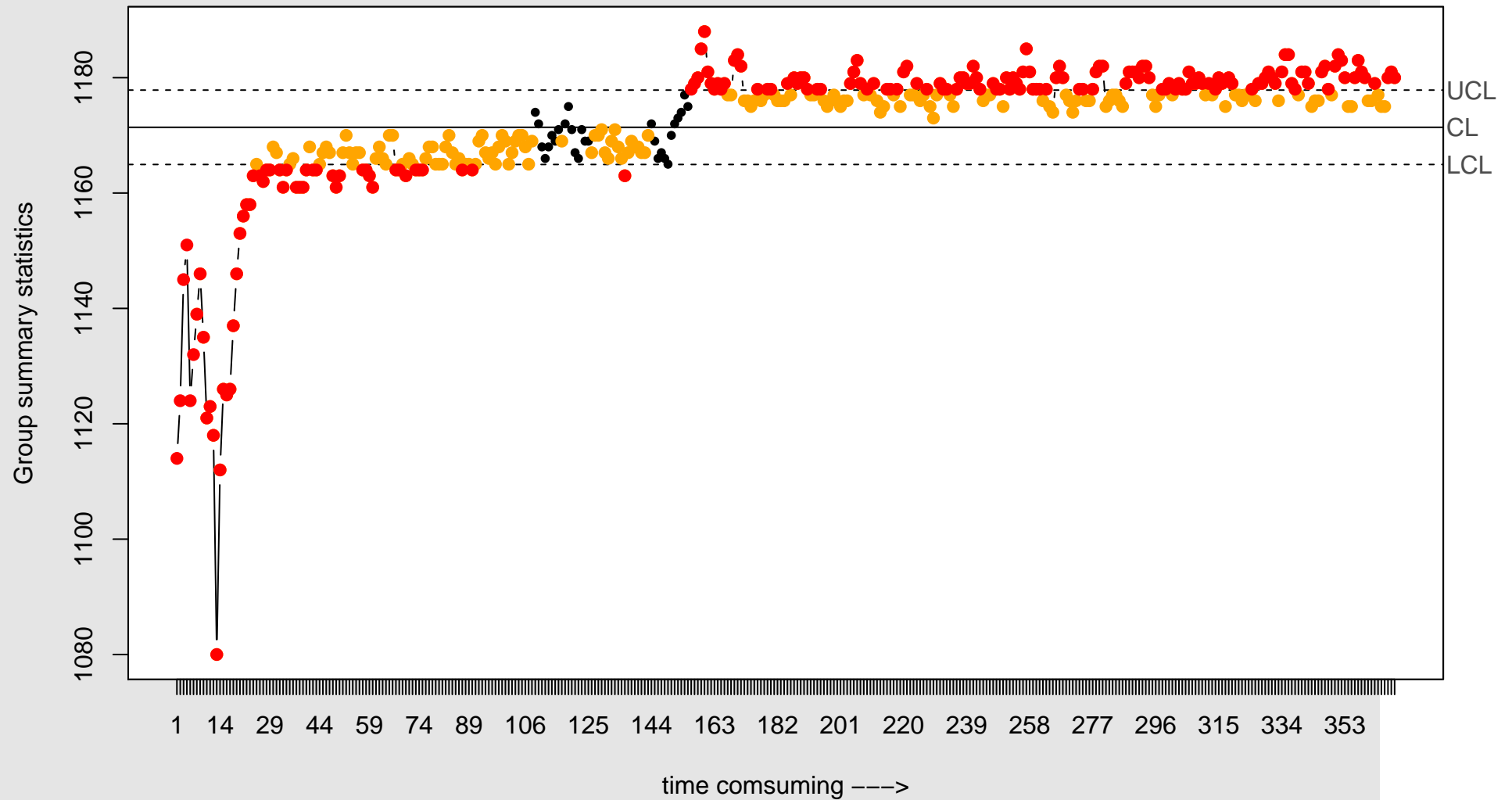
LCL = 1164.934

UCL = 1177.761

Number beyond limits = 172

Number violating runs = 331

154th column point of this product

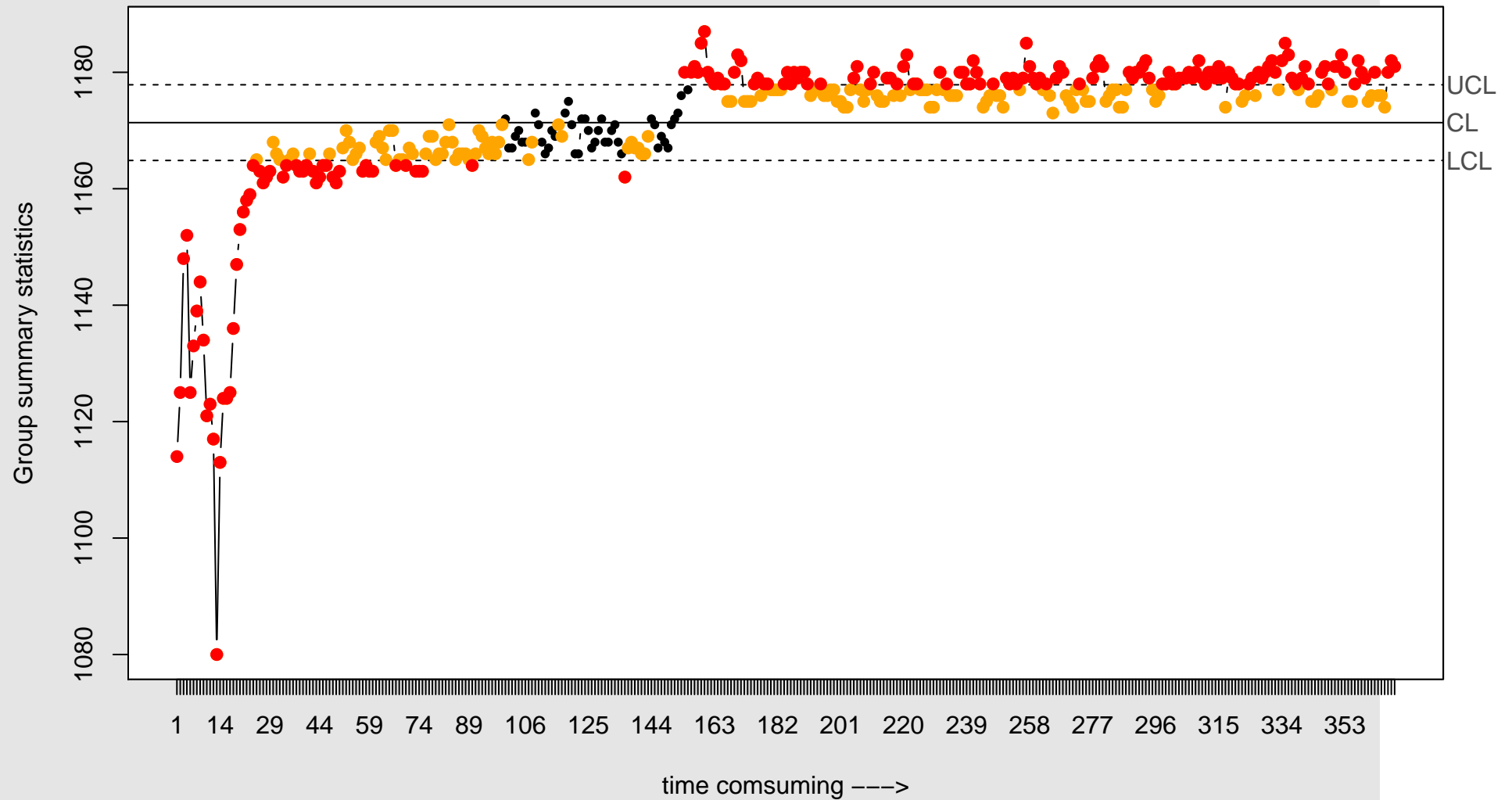


Number of groups = 368
Center = 1171.399
StdDev = 2.149883

LCL = 1164.95
UCL = 1177.849

Number beyond limits = 182
Number violating runs = 333

155th column point of this product



Number of groups = 368

Center = 1171.356

StdDev = 2.166792

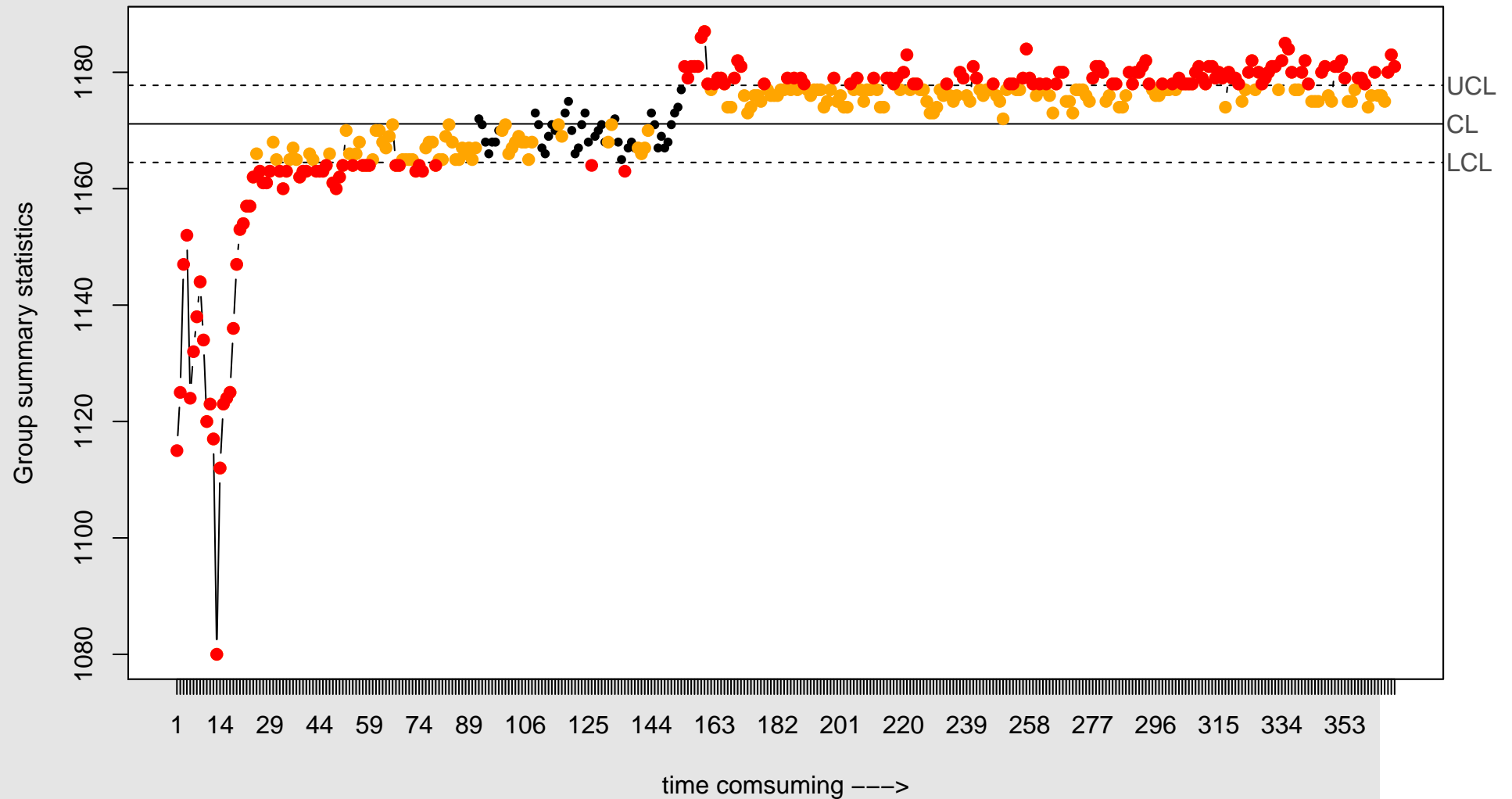
LCL = 1164.856

UCL = 1177.856

Number beyond limits = 182

Number violating runs = 317

156th column point of this product

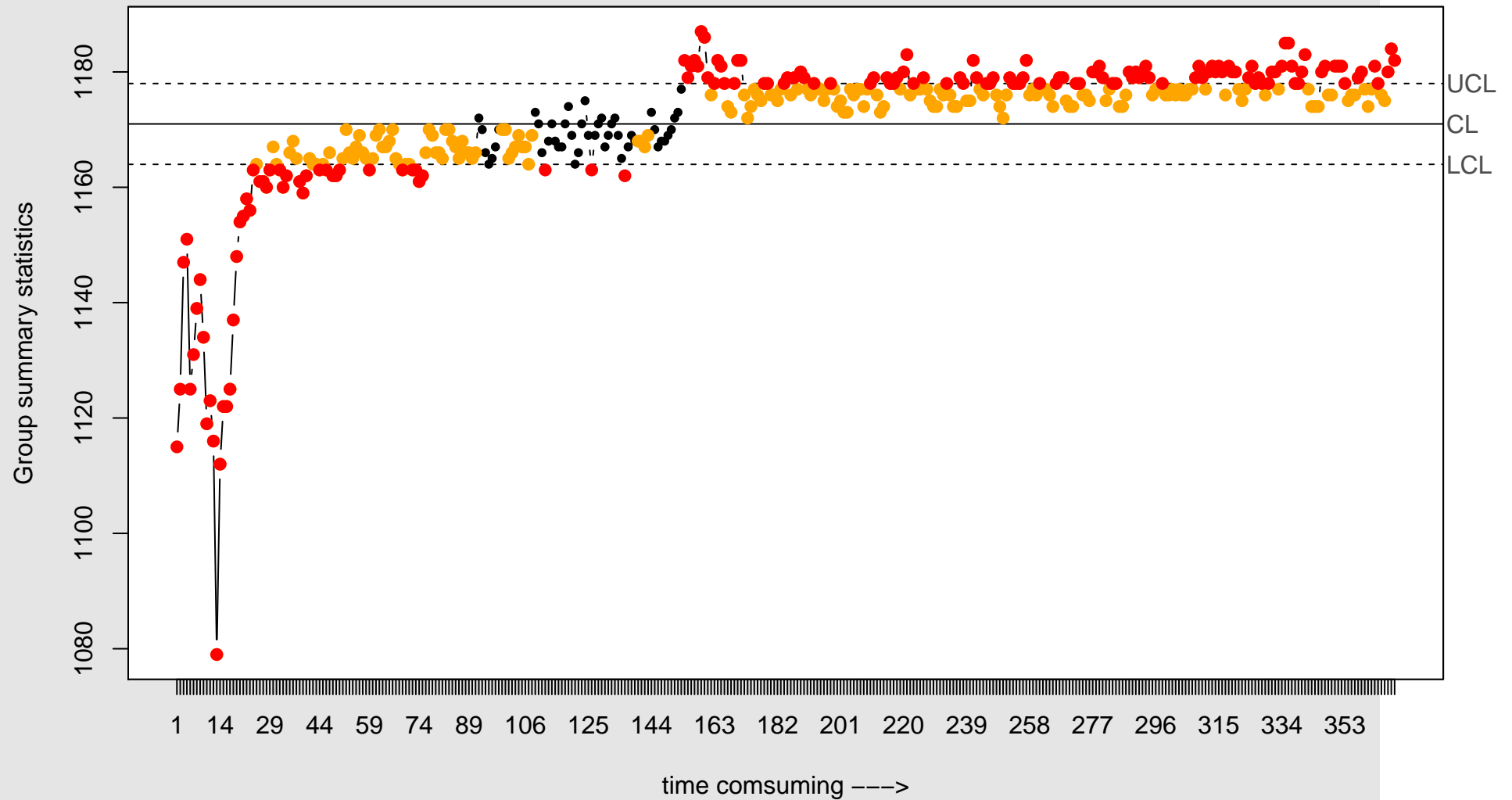


Number of groups = 368
Center = 1171.133
StdDev = 2.207857

LCL = 1164.51
UCL = 1177.757

Number beyond limits = 164
Number violating runs = 315

157th column point of this product



Number of groups = 368

Center = 1170.981

StdDev = 2.335884

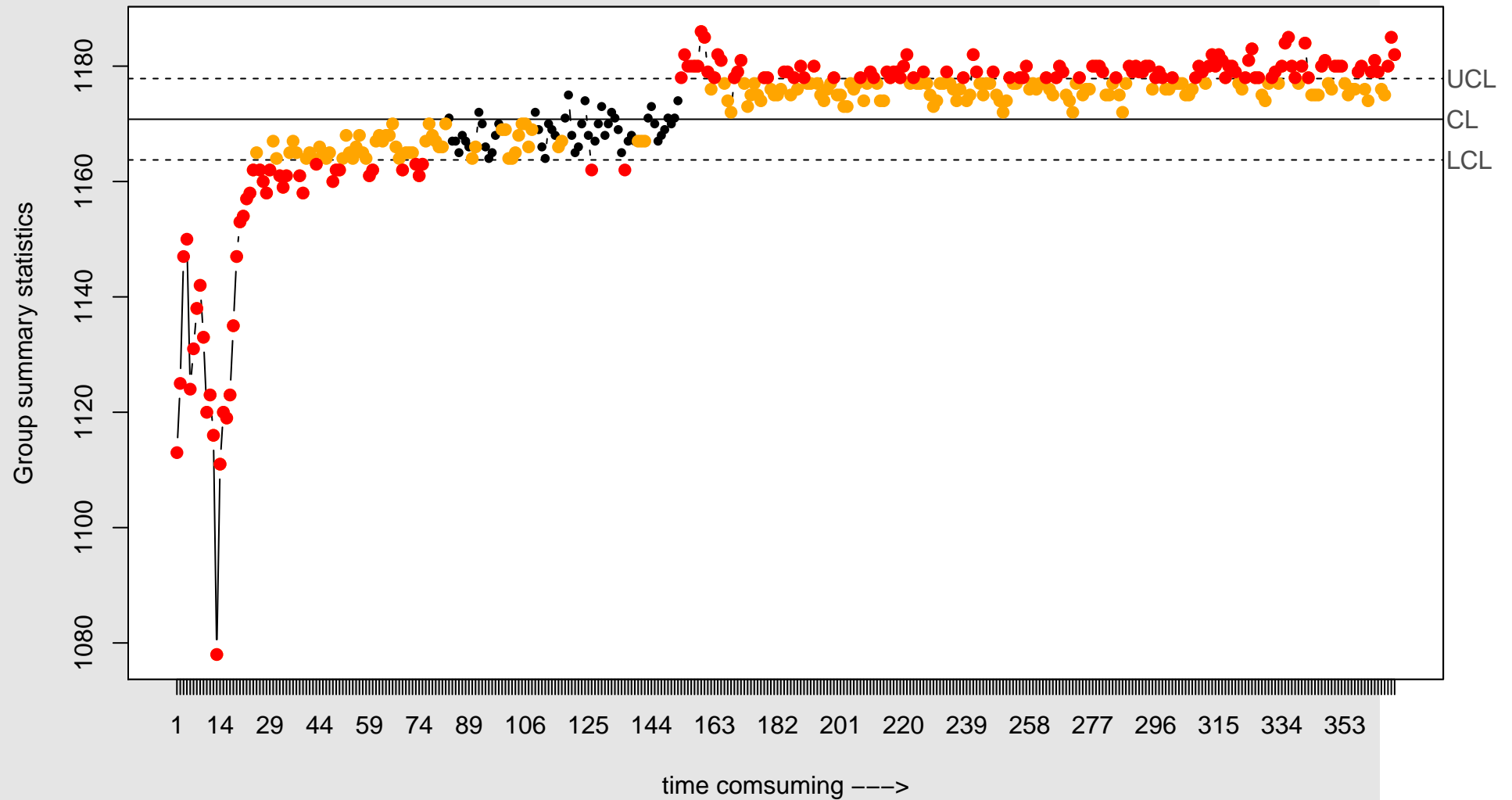
LCL = 1163.973

UCL = 1177.989

Number beyond limits = 156

Number violating runs = 311

158th column point of this product

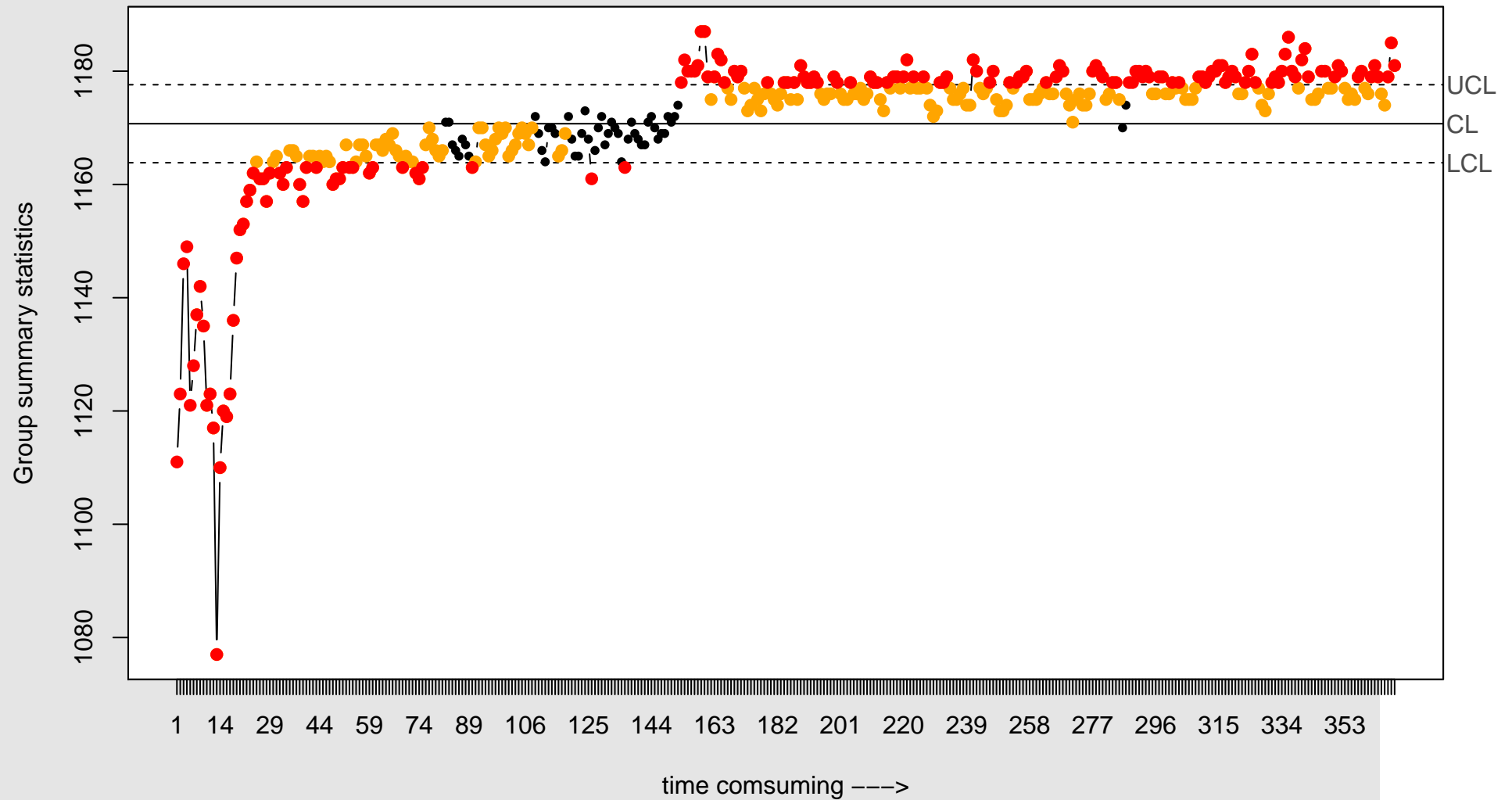


Number of groups = 368
Center = 1170.793
StdDev = 2.350378

LCL = 1163.742
UCL = 1177.845

Number beyond limits = 151
Number violating runs = 305

159th column point of this product

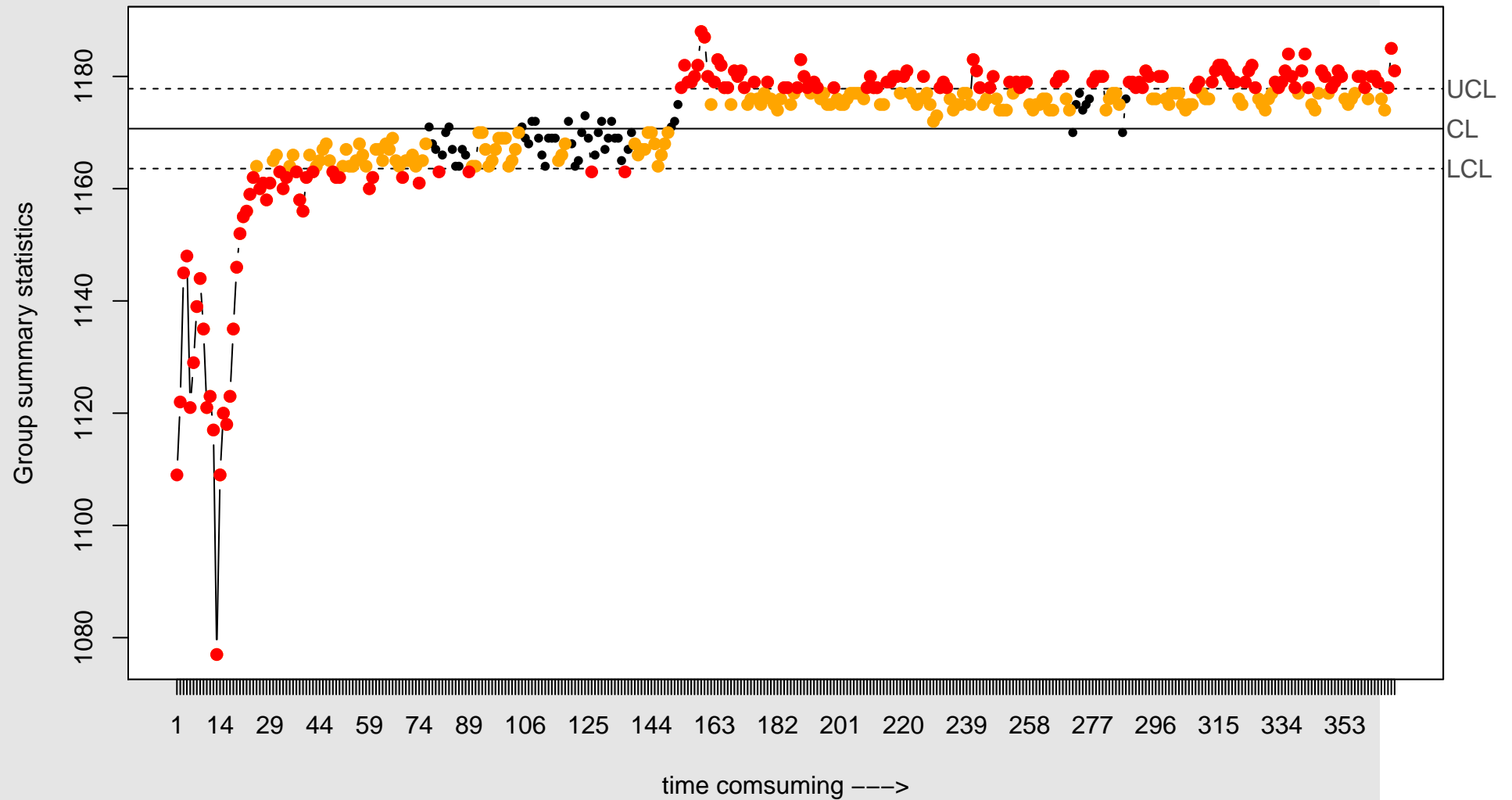


Number of groups = 368
Center = 1170.723
StdDev = 2.294819

LCL = 1163.838
UCL = 1177.607

Number beyond limits = 162
Number violating runs = 304

160th column point of this product

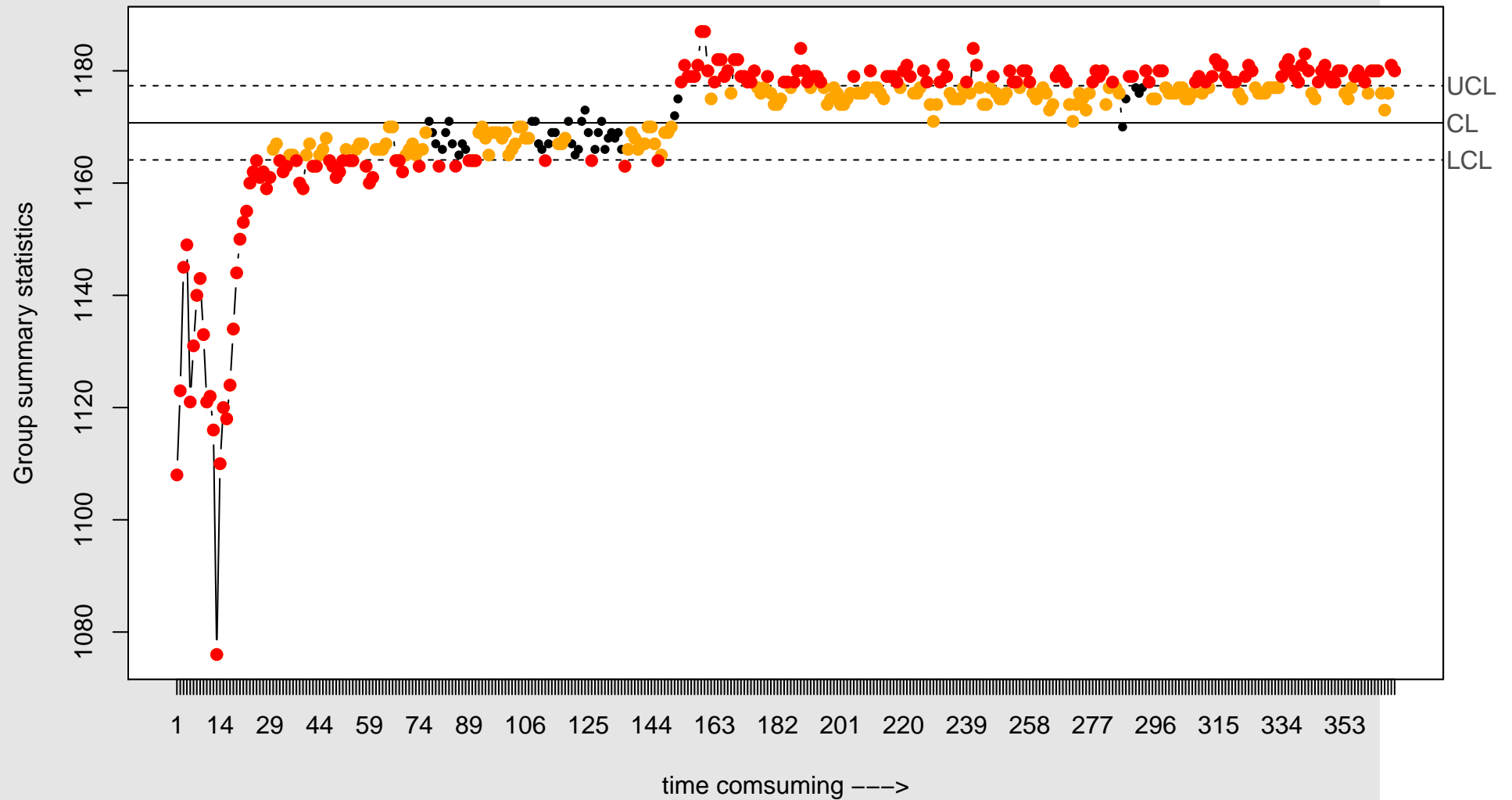


Number of groups = 368
Center = 1170.696
StdDev = 2.372118

LCL = 1163.579
UCL = 1177.812

Number beyond limits = 155
Number violating runs = 298

161th column point of this product

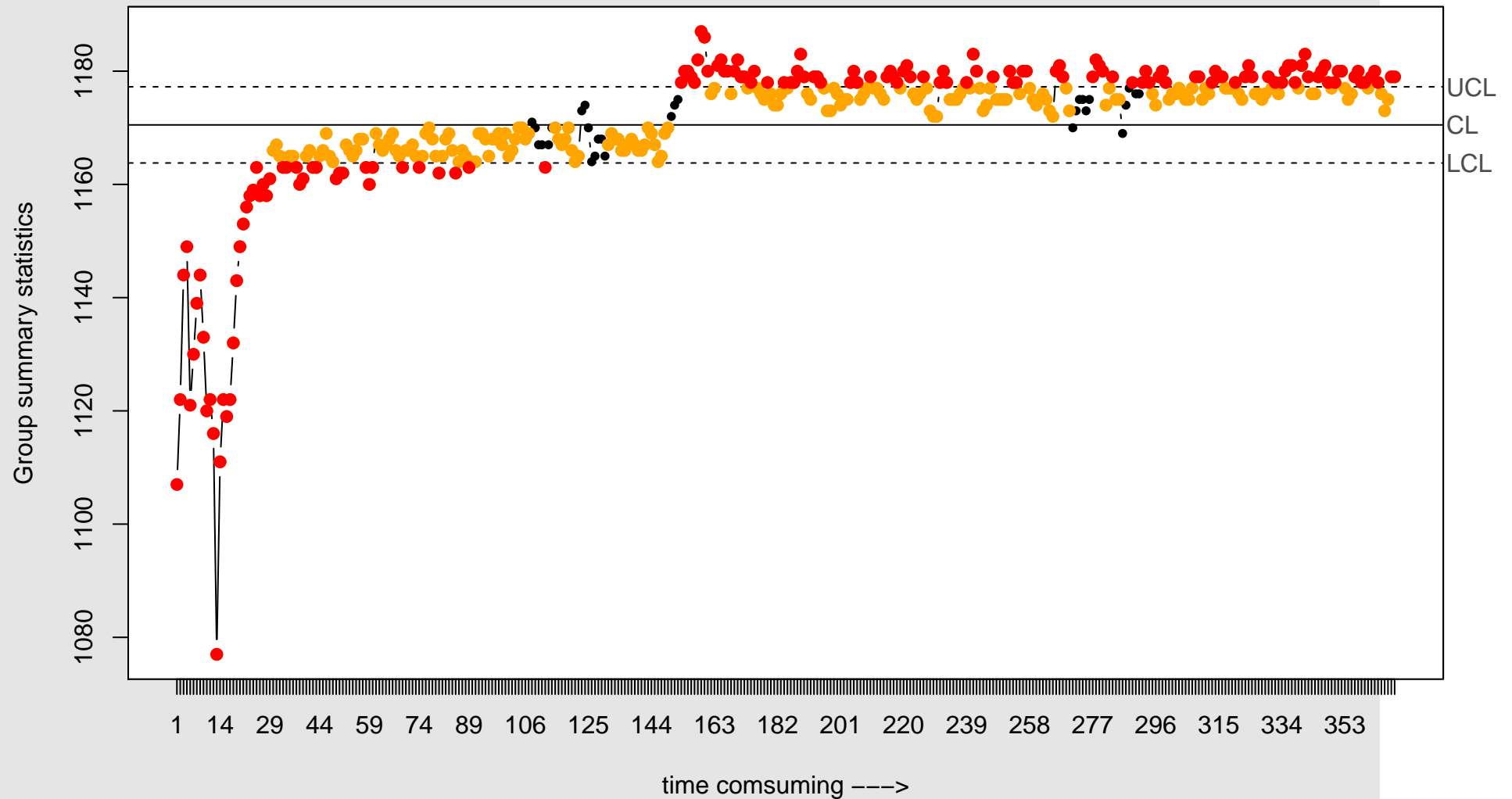


Number of groups = 368
Center = 1170.734
StdDev = 2.203026

LCL = 1164.125
UCL = 1177.343

Number beyond limits = 171
Number violating runs = 311

162th column point of this product



Number of groups = 368

Center = 1170.508

StdDev = 2.241676

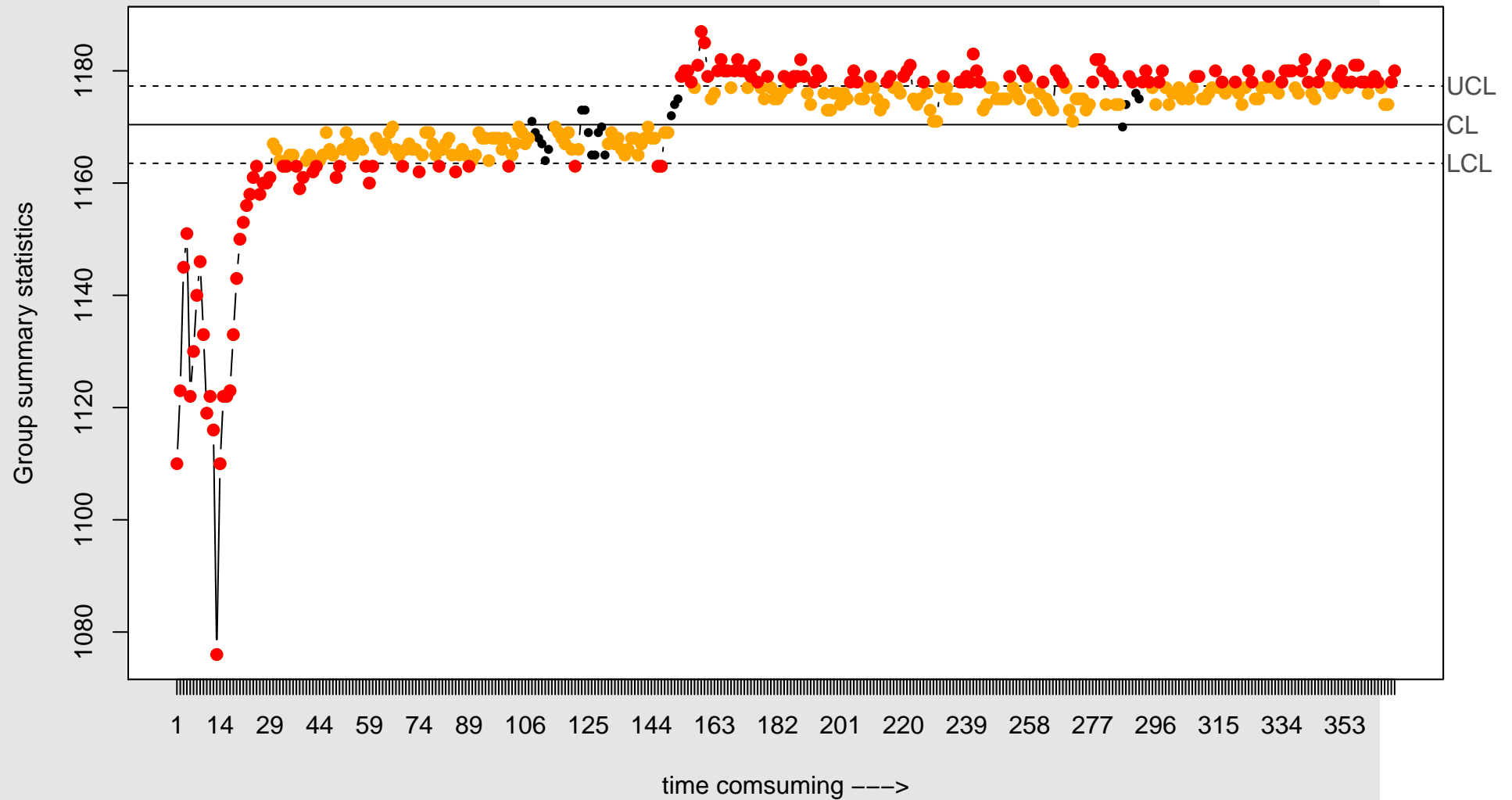
LCL = 1163.783

UCL = 1177.233

Number beyond limits = 152

Number violating runs = 327

163th column point of this product

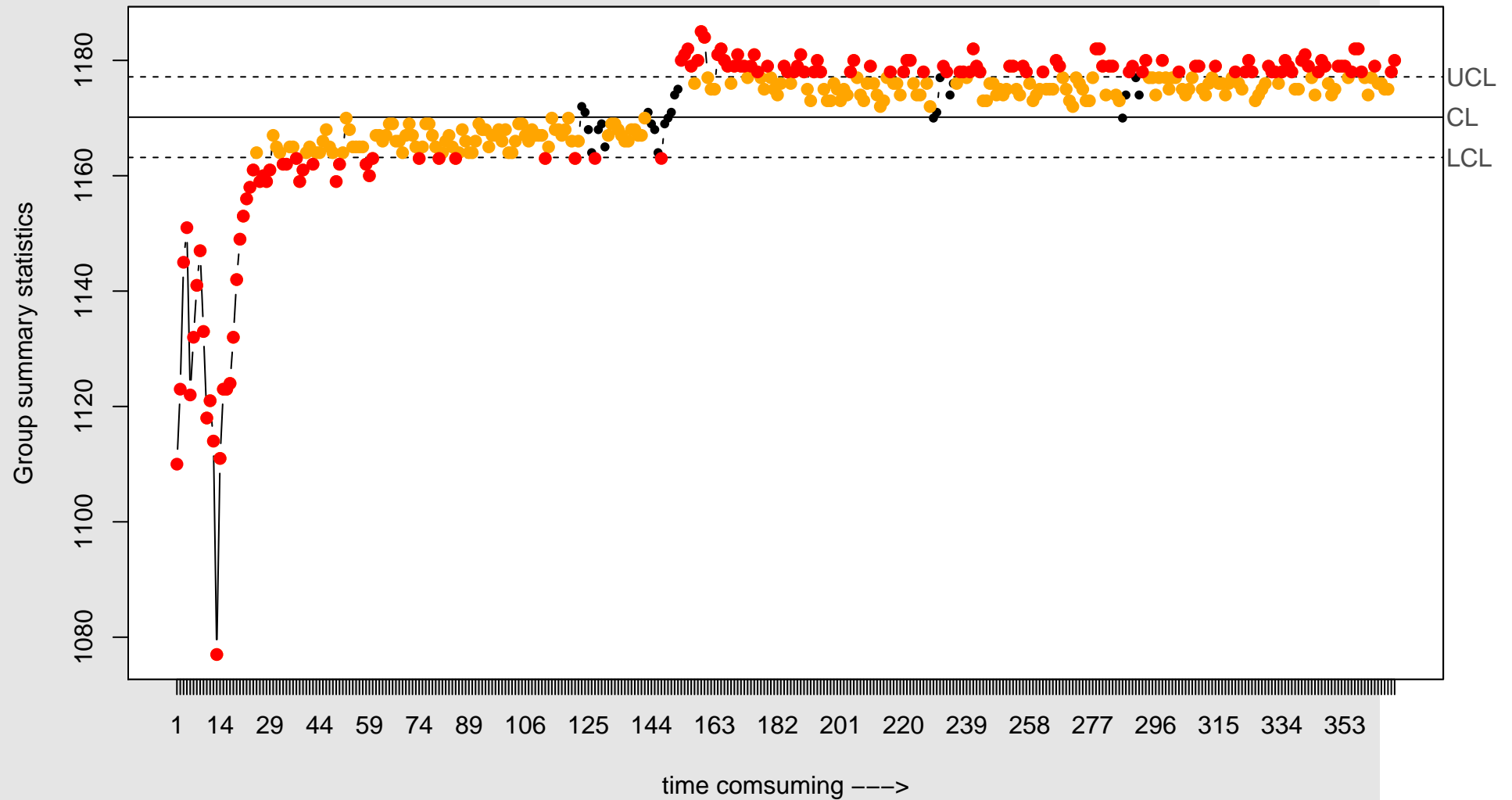


Number of groups = 368
Center = 1170.408
StdDev = 2.294819

LCL = 1163.523
UCL = 1177.292

Number beyond limits = 148
Number violating runs = 334

164th column point of this product



Number of groups = 368

Center = 1170.155

StdDev = 2.328637

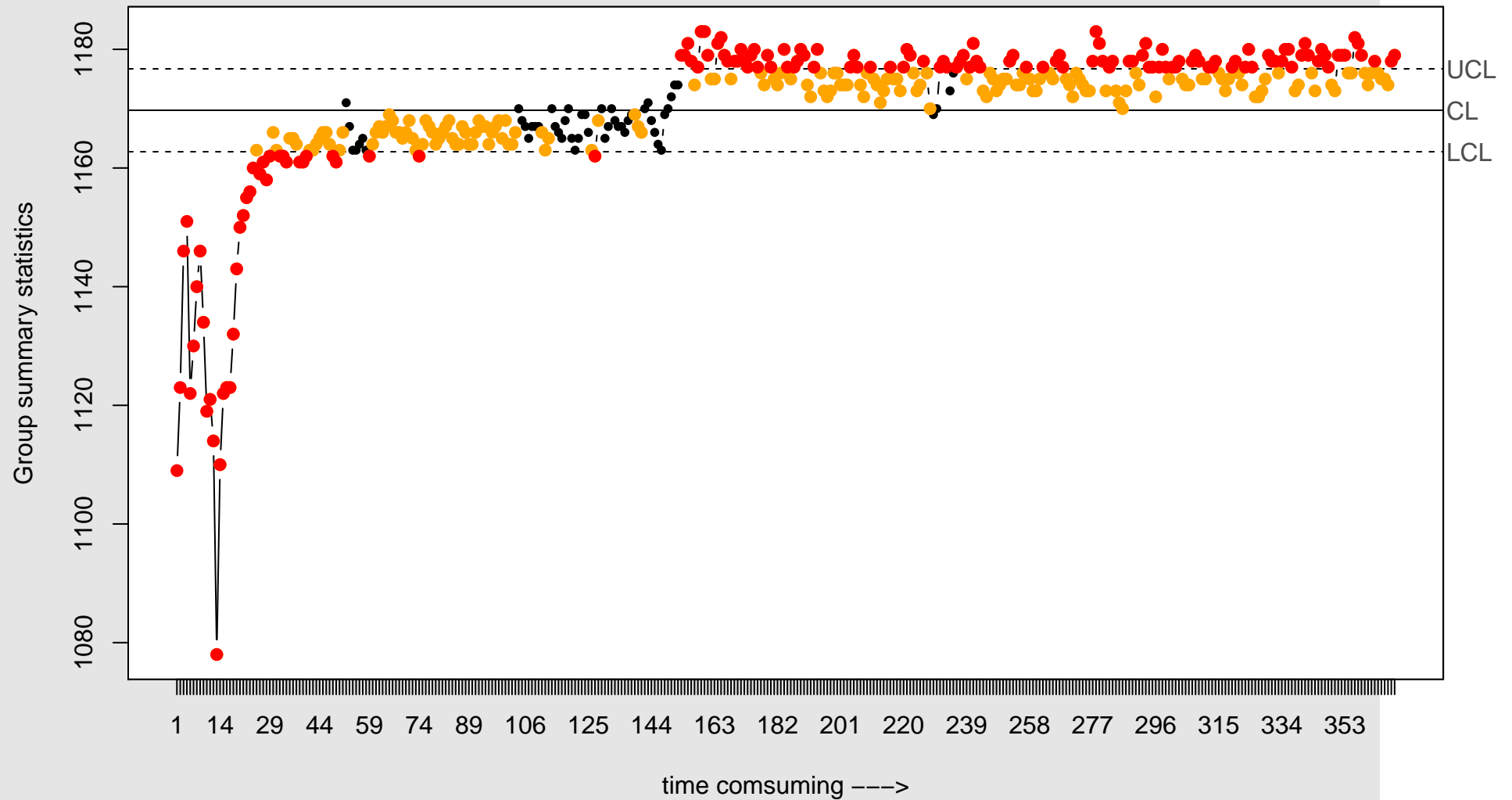
LCL = 1163.169

UCL = 1177.141

Number beyond limits = 138

Number violating runs = 327

165th column point of this product



Number of groups = 368

Center = 1169.728

StdDev = 2.328637

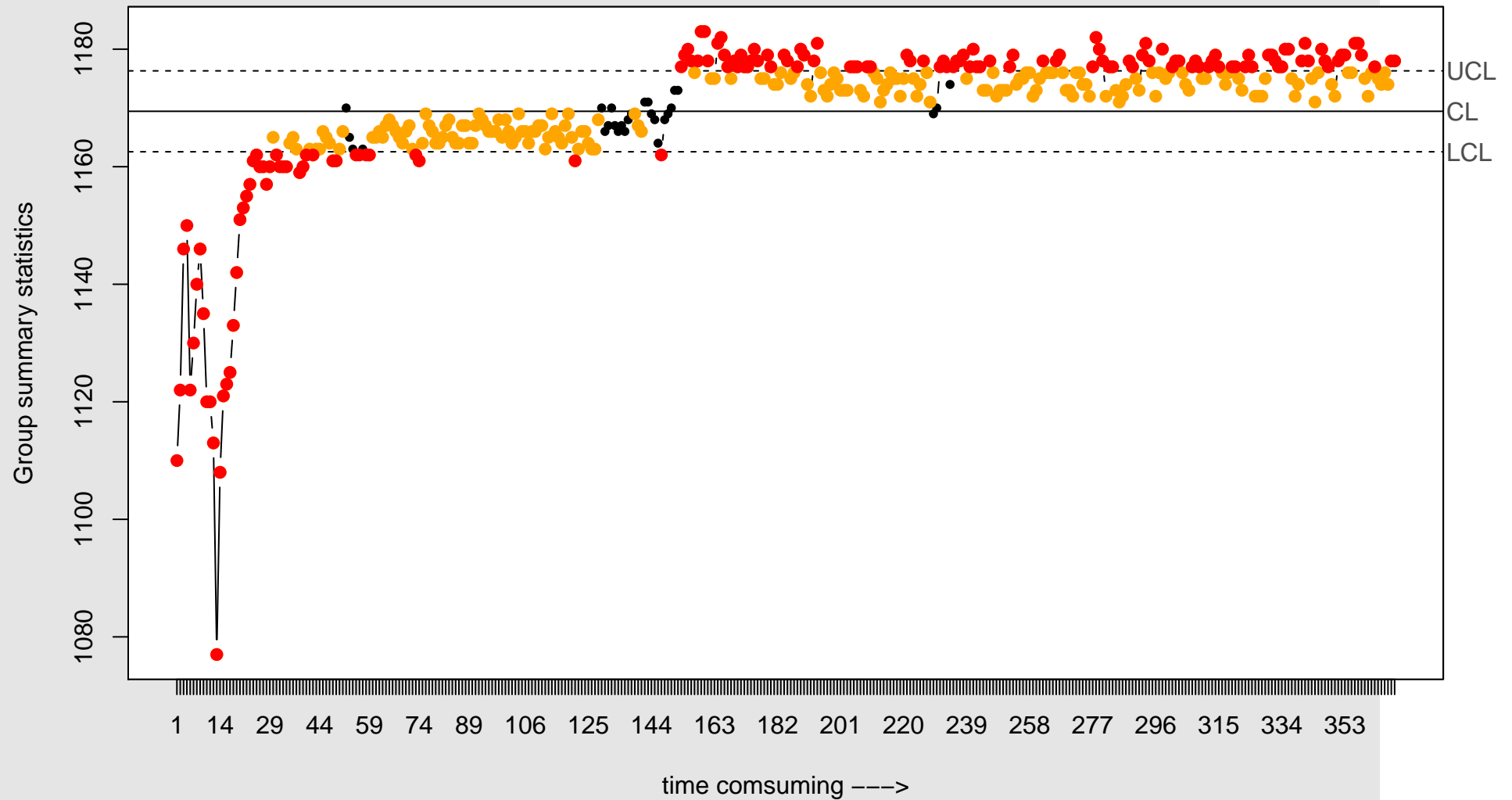
LCL = 1162.742

UCL = 1176.714

Number beyond limits = 147

Number violating runs = 306

166th column point of this product

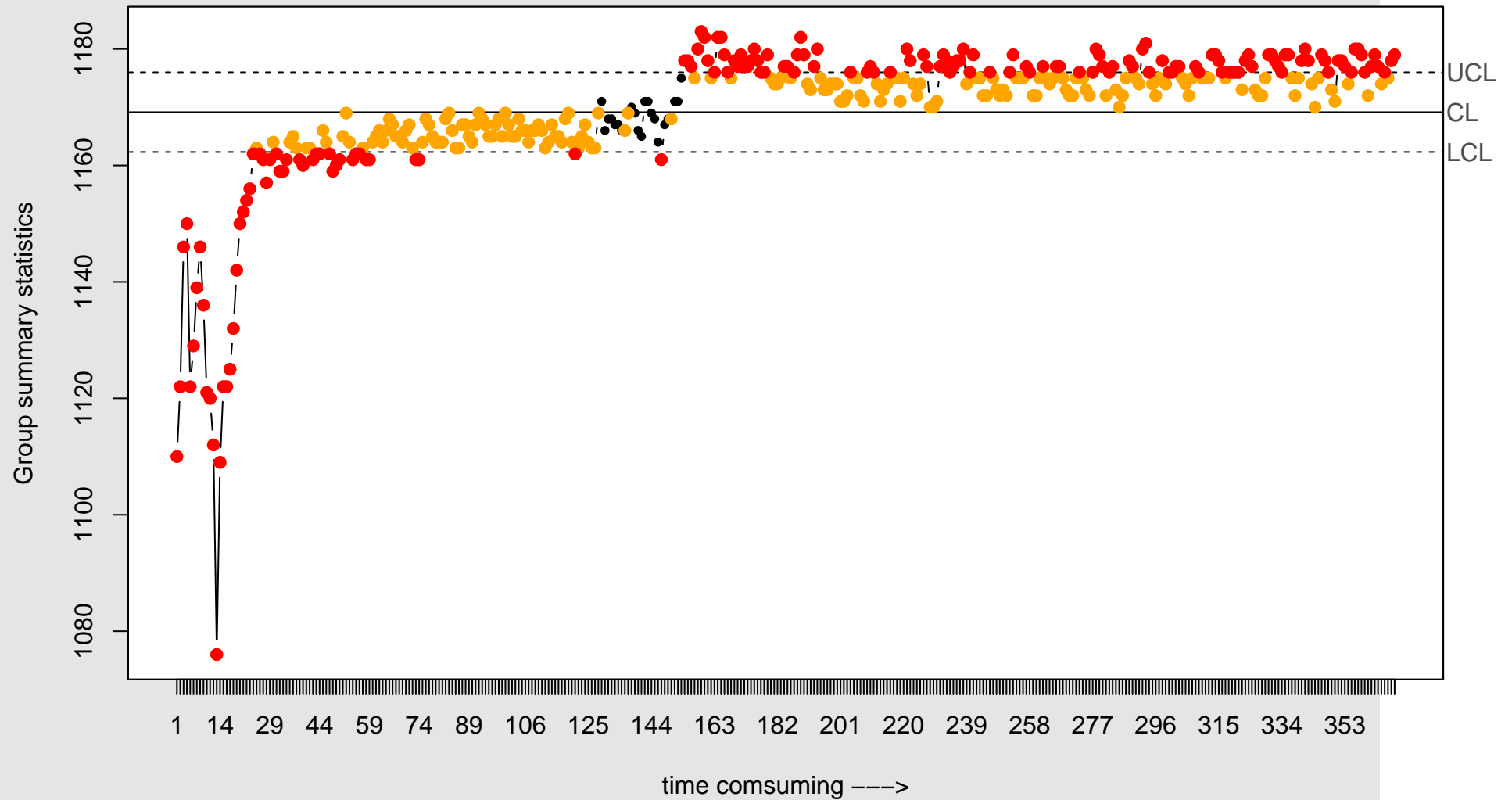


Number of groups = 368
Center = 1169.427
StdDev = 2.294819

LCL = 1162.542
UCL = 1176.311

Number beyond limits = 150
Number violating runs = 324

167th column point of this product



Number of groups = 368

Center = 1169.149

StdDev = 2.282741

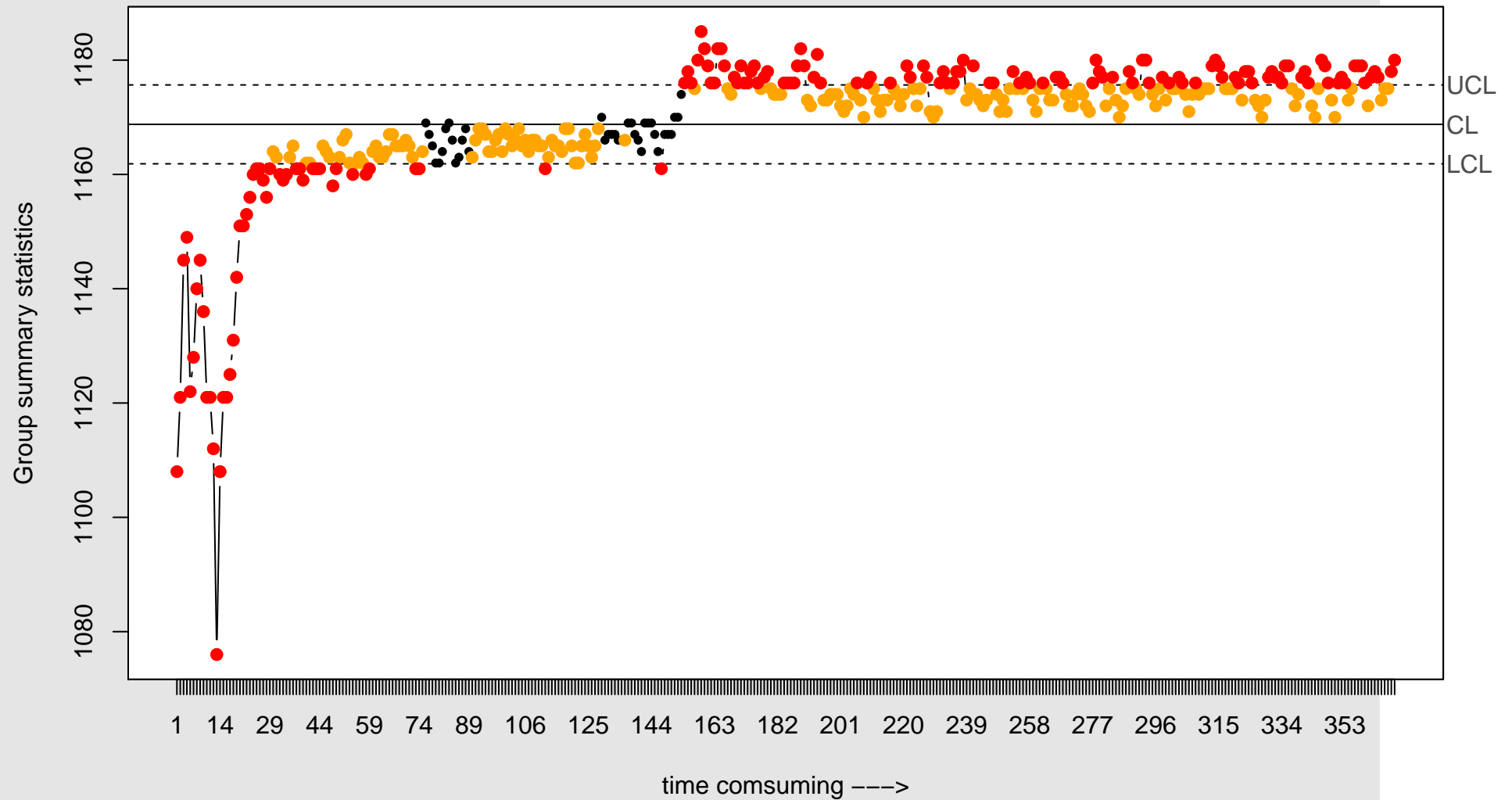
LCL = 1162.301

UCL = 1175.998

Number beyond limits = 165

Number violating runs = 337

168th column point of this product

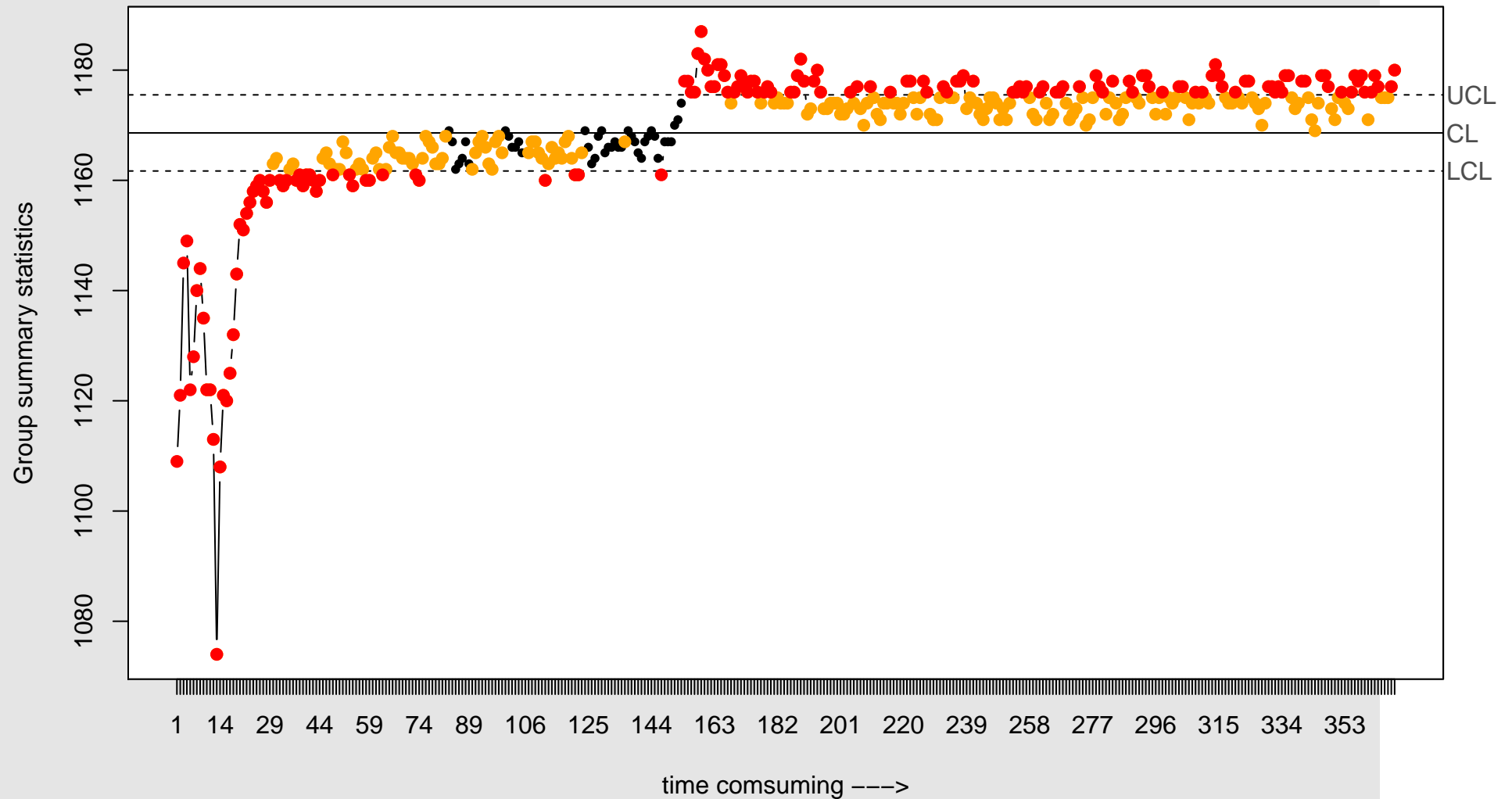


Number of groups = 368
Center = 1168.758
StdDev = 2.29965

LCL = 1161.859
UCL = 1175.657

Number beyond limits = 154
Number violating runs = 321

169th column point of this product

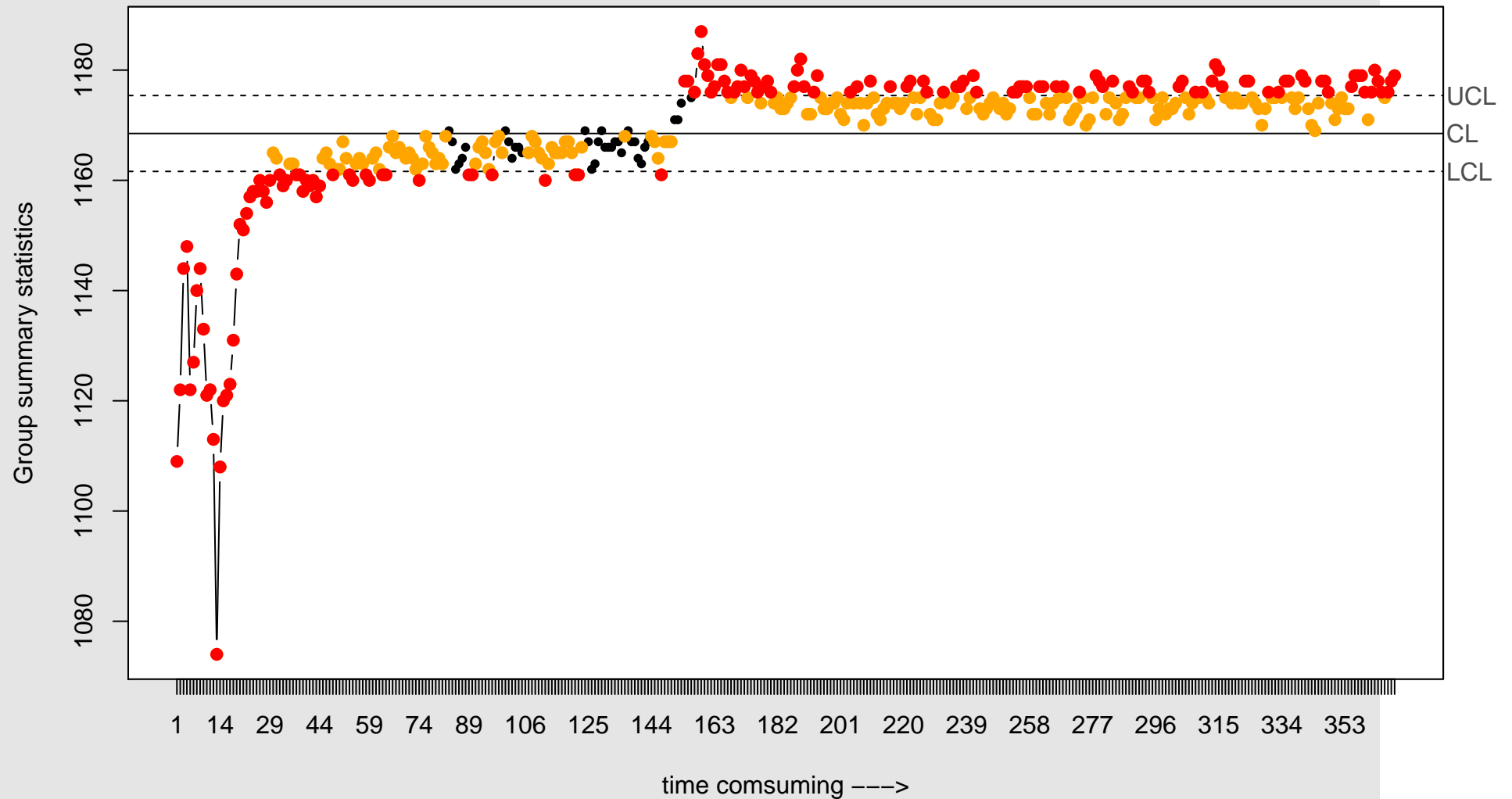


Number of groups = 368
Center = 1168.603
StdDev = 2.302066

LCL = 1161.697
UCL = 1175.509

Number beyond limits = 154
Number violating runs = 316

170th column point of this product

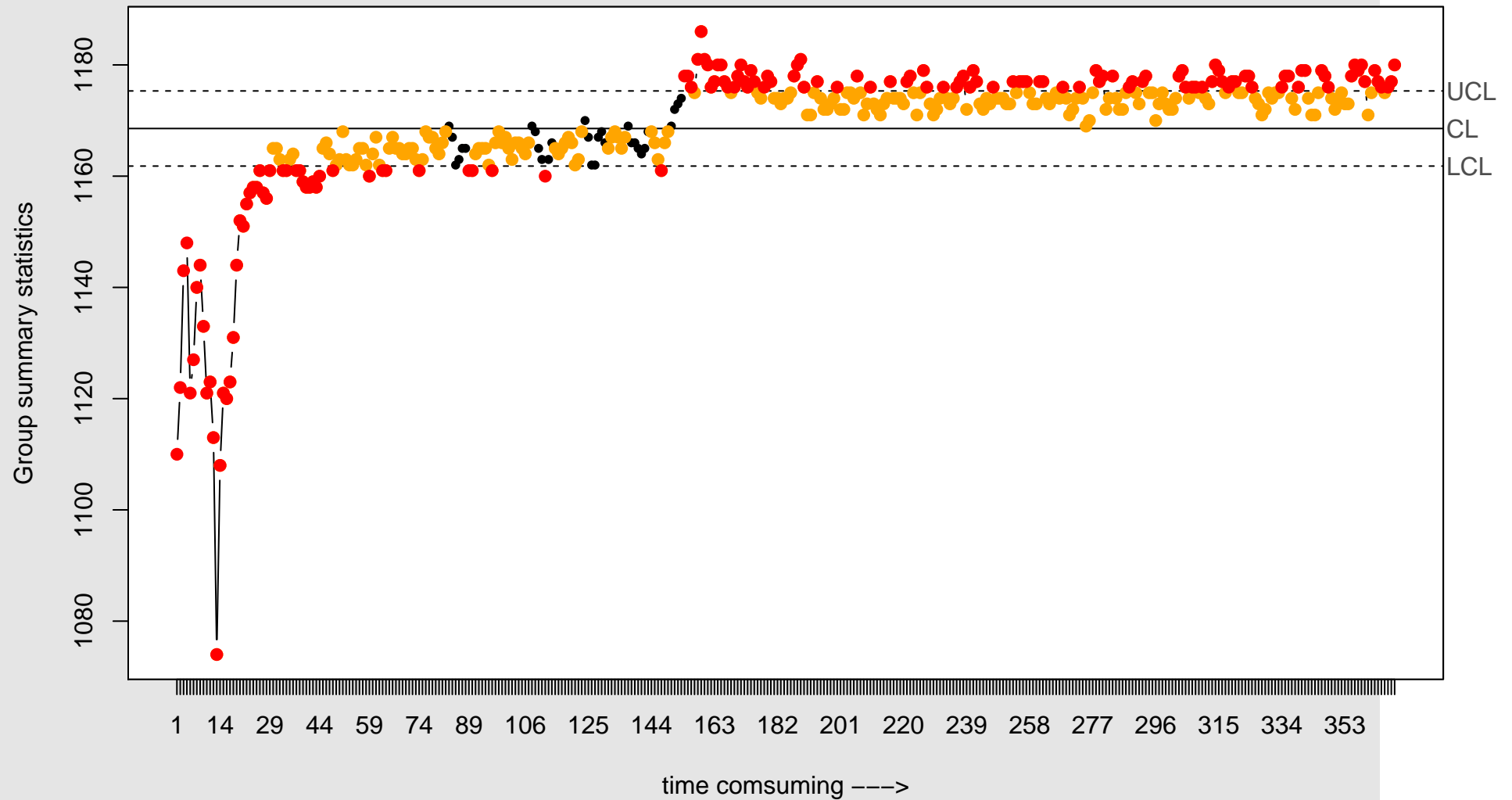


Number of groups = 368
Center = 1168.503
StdDev = 2.294819

LCL = 1161.618
UCL = 1175.387

Number beyond limits = 148
Number violating runs = 323

171th column point of this product

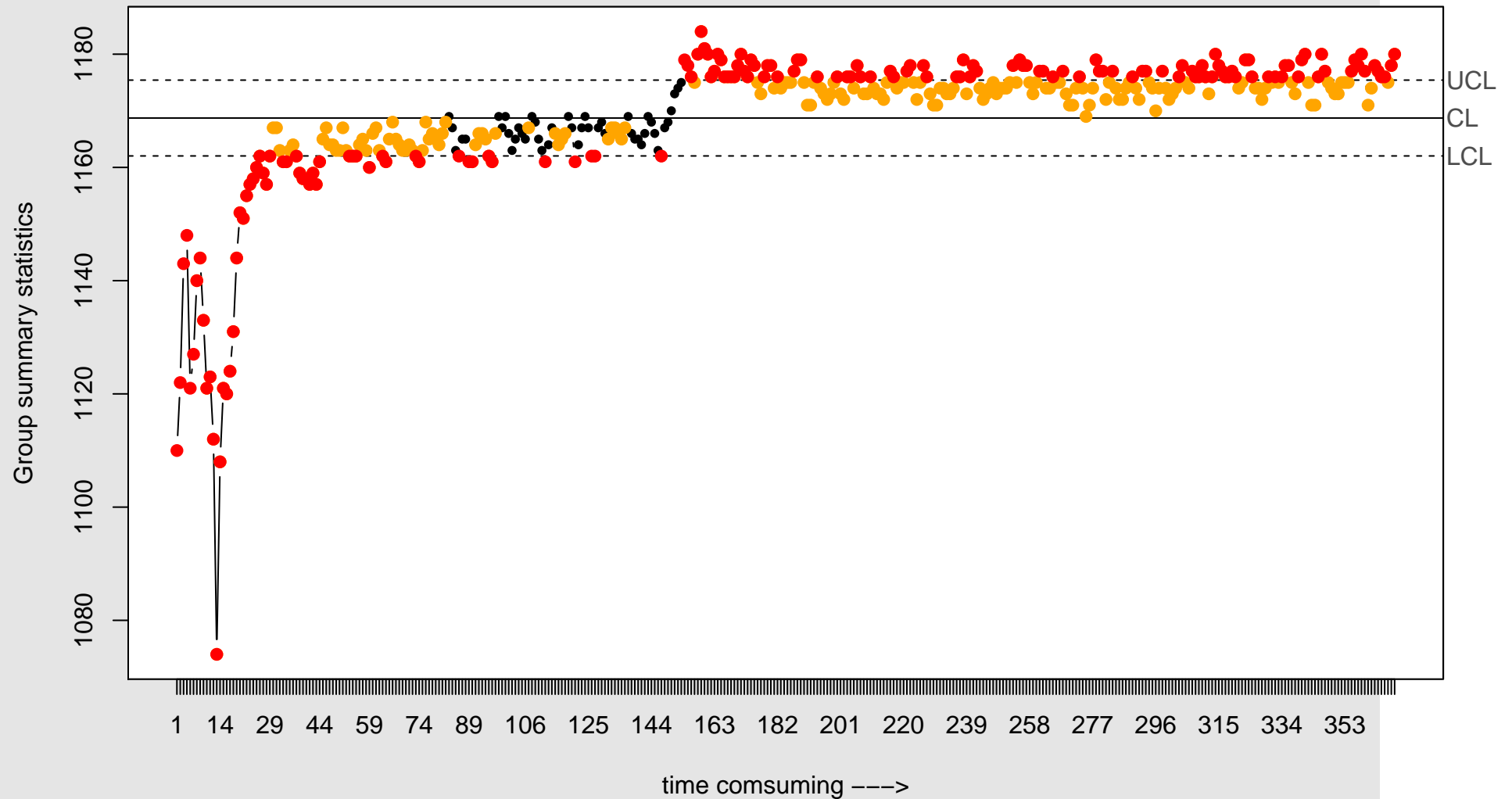


Number of groups = 368
Center = 1168.565
StdDev = 2.251338

LCL = 1161.811
UCL = 1175.319

Number beyond limits = 145
Number violating runs = 328

172th column point of this product



Number of groups = 368

Center = 1168.723

StdDev = 2.232013

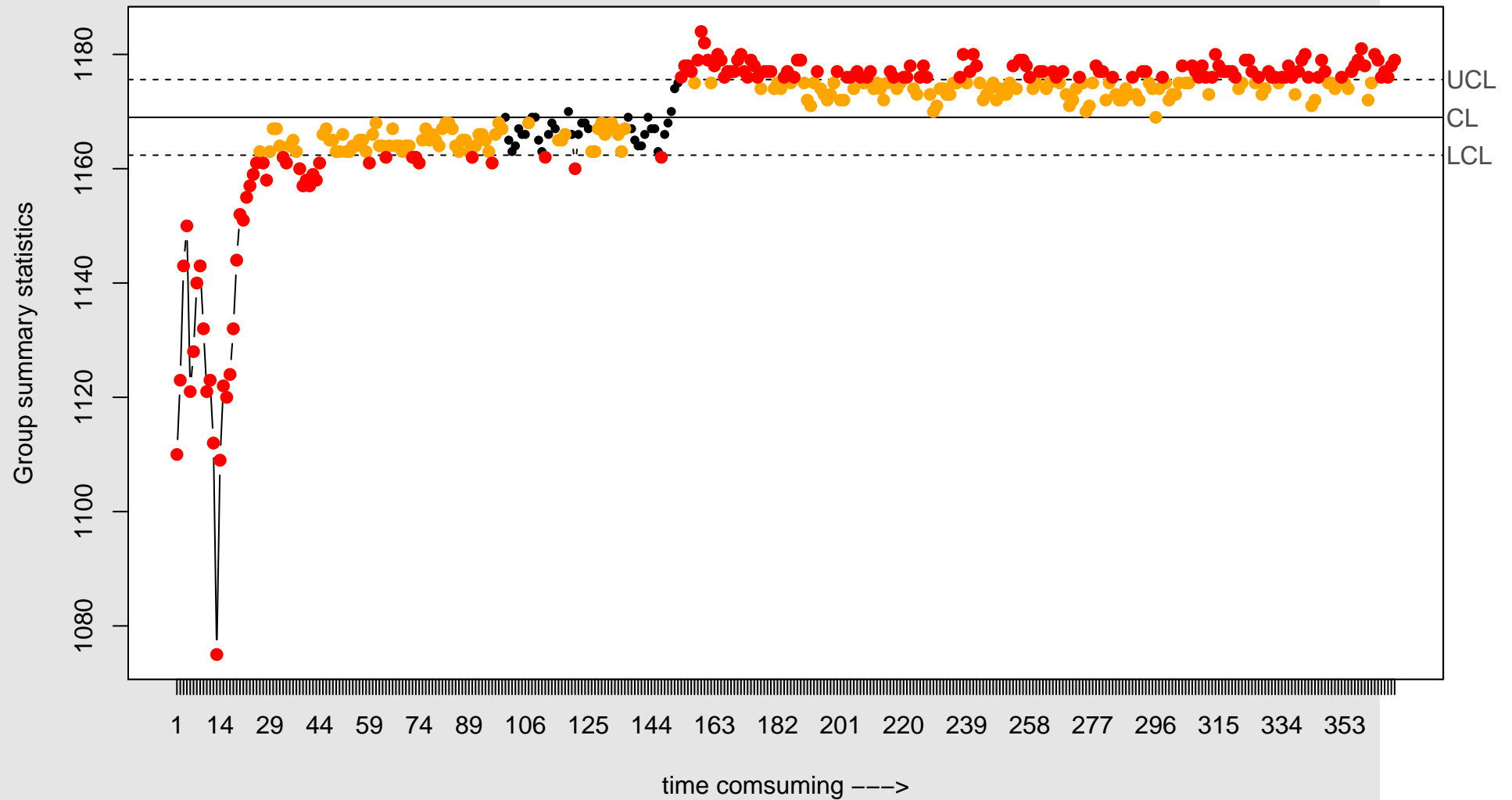
LCL = 1162.027

UCL = 1175.419

Number beyond limits = 161

Number violating runs = 308

173th column point of this product

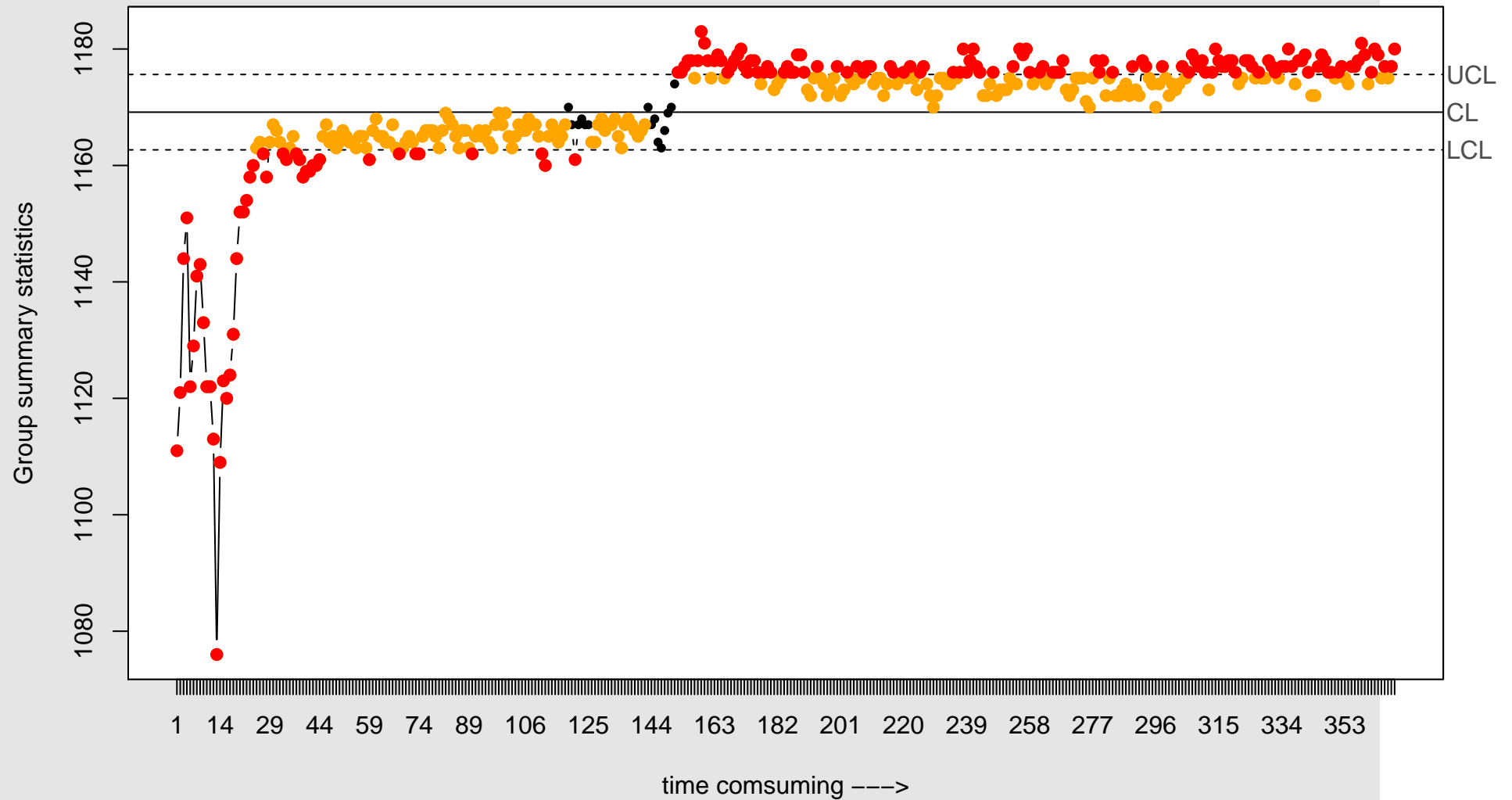


Number of groups = 368
Center = 1168.981
StdDev = 2.205442

LCL = 1162.365
UCL = 1175.597

Number beyond limits = 161
Number violating runs = 321

174th column point of this product

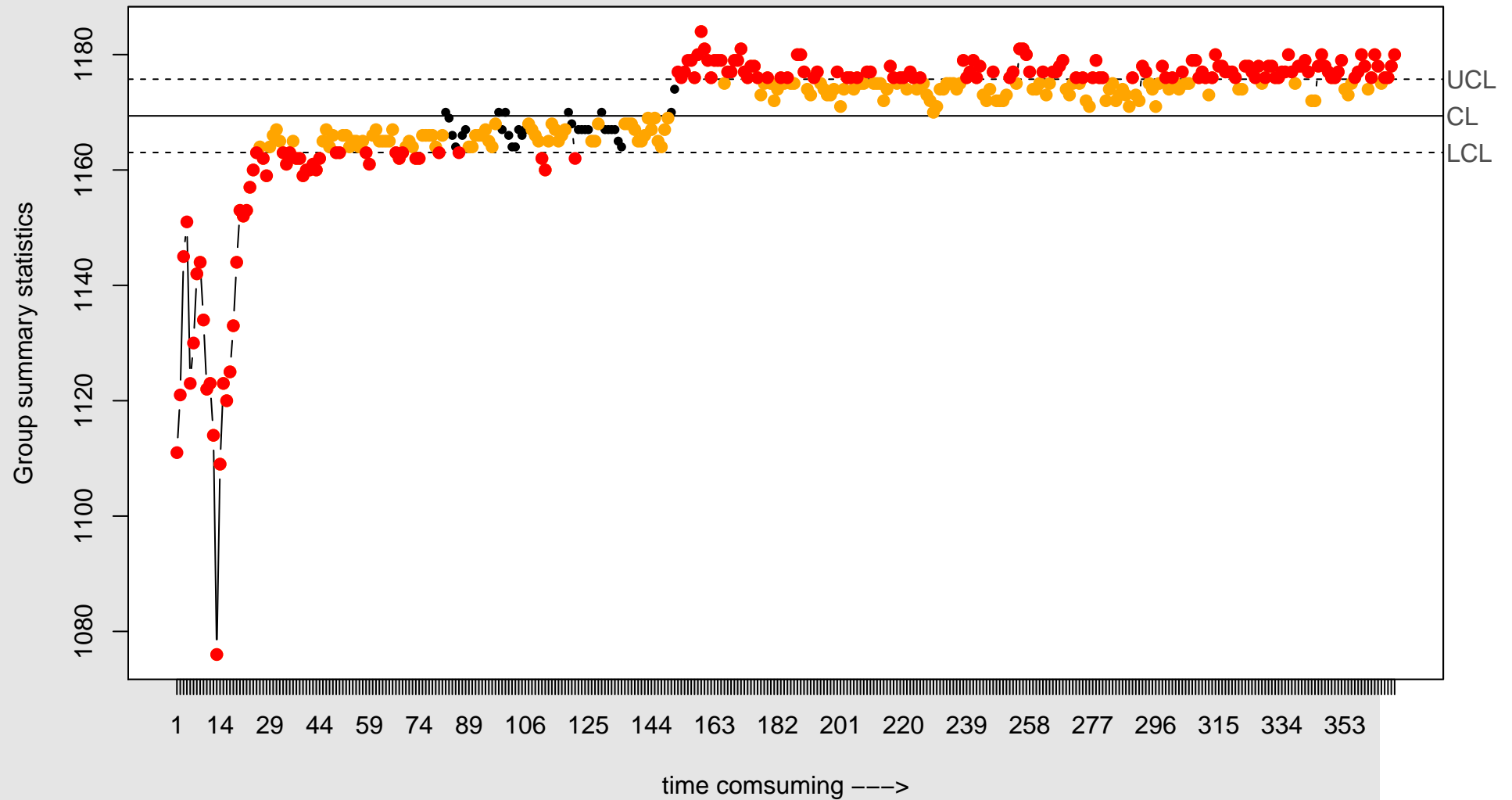


Number of groups = 368
Center = 1169.152
StdDev = 2.15713

LCL = 1162.681
UCL = 1175.624

Number beyond limits = 165
Number violating runs = 342

175th column point of this product

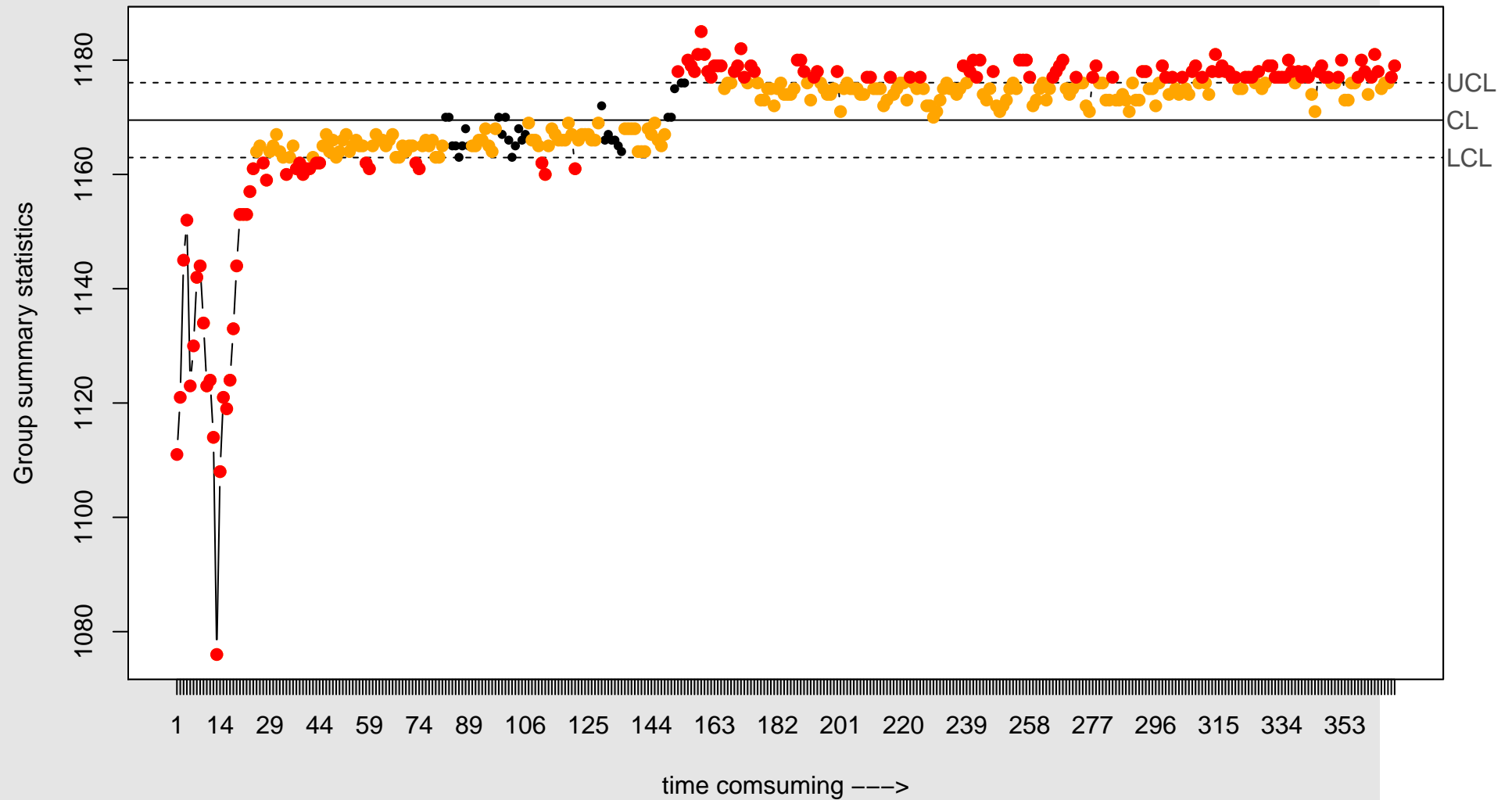


Number of groups = 368
Center = 1169.38
StdDev = 2.11848

LCL = 1163.025
UCL = 1175.736

Number beyond limits = 178
Number violating runs = 326

176th column point of this product

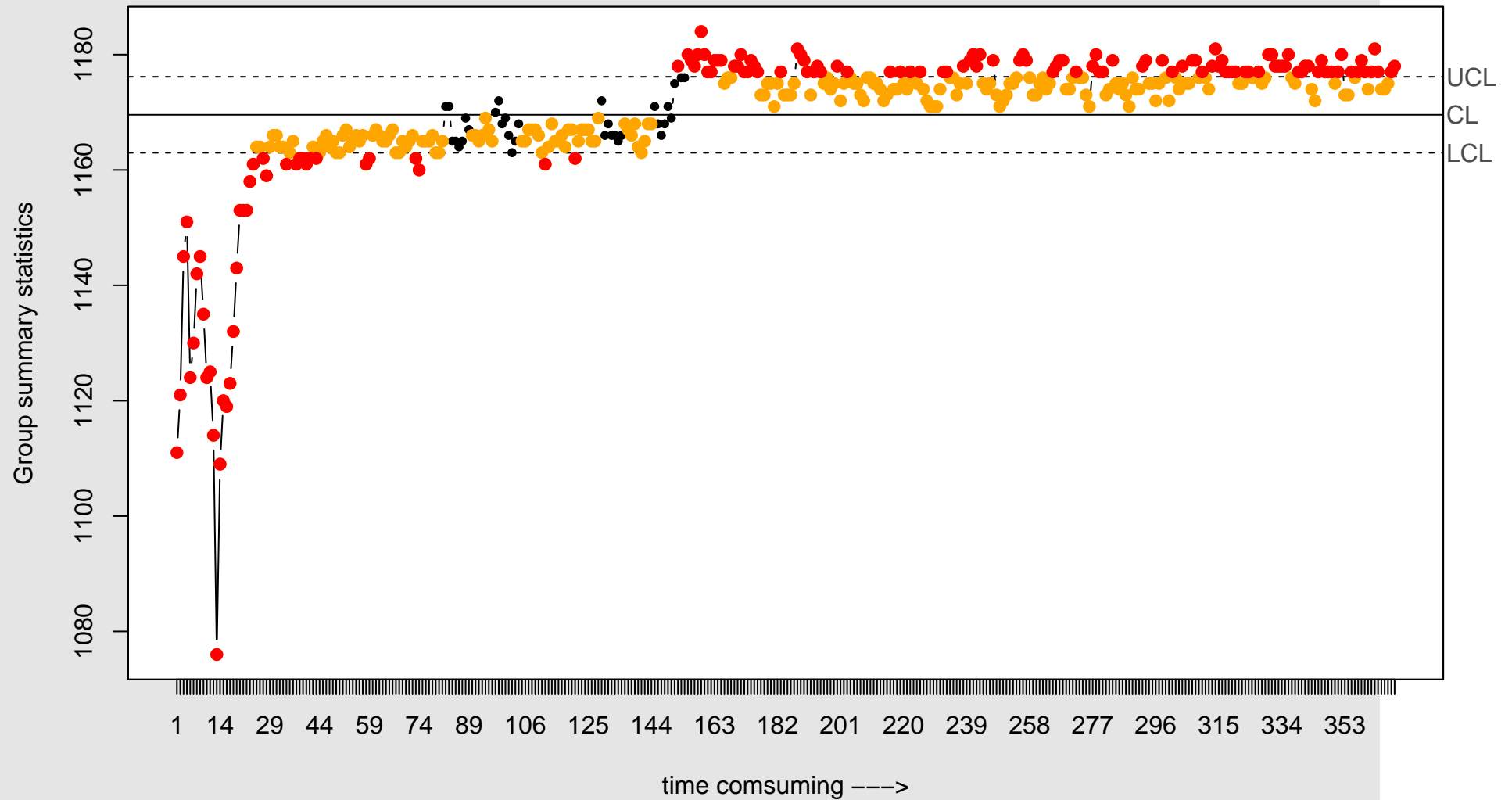


Number of groups = 368
Center = 1169.5
StdDev = 2.183701

LCL = 1162.949
UCL = 1176.051

Number beyond limits = 135
Number violating runs = 332

177th column point of this product

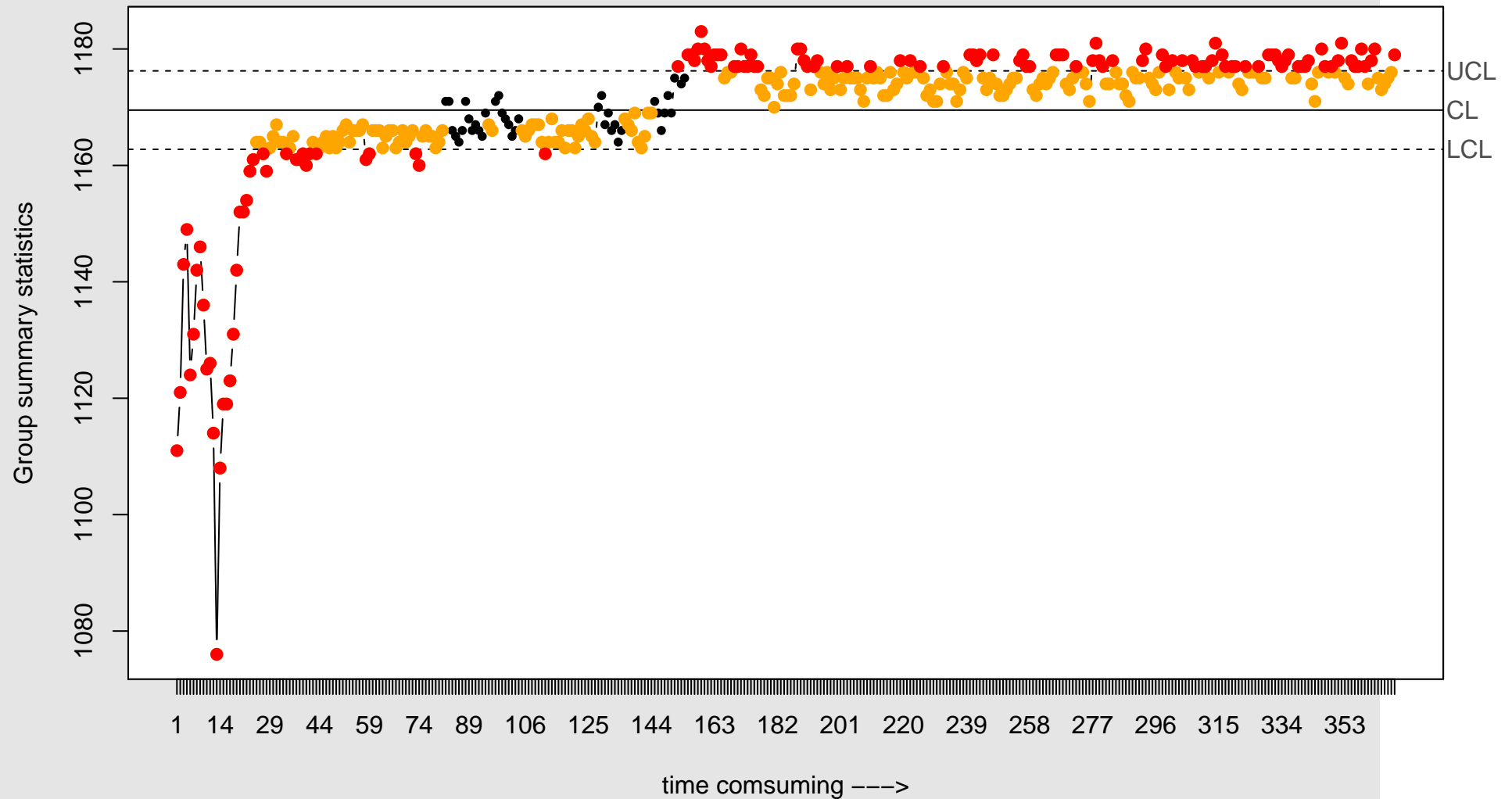


Number of groups = 368
Center = 1169.568
StdDev = 2.195779

LCL = 1162.981
UCL = 1176.155

Number beyond limits = 140
Number violating runs = 327

178th column point of this product



Number of groups = 368

Center = 1169.5

StdDev = 2.246507

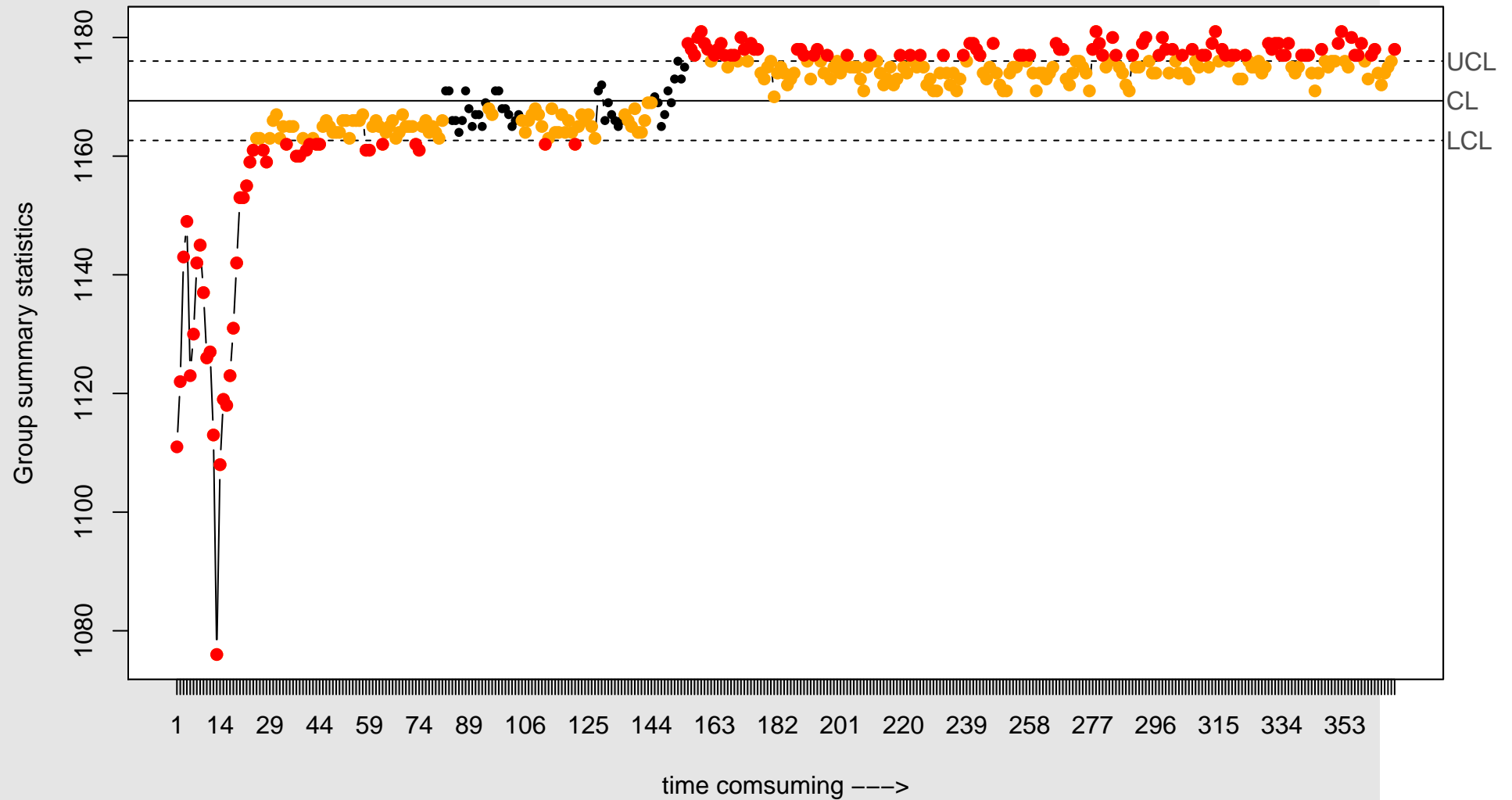
LCL = 1162.76

UCL = 1176.24

Number beyond limits = 131

Number violating runs = 321

179th column point of this product



Number of groups = 368

Center = 1169.332

StdDev = 2.229598

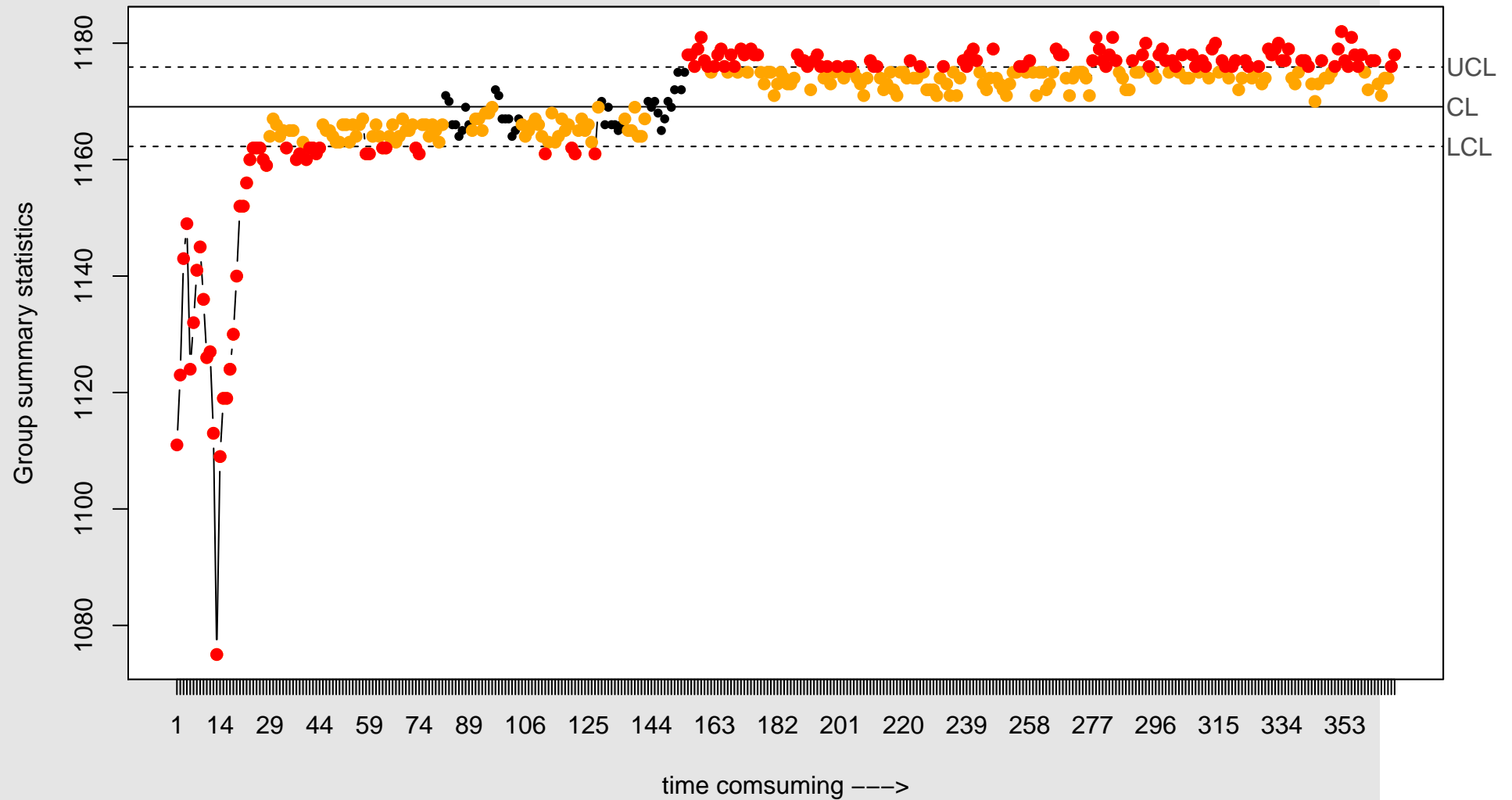
LCL = 1162.643

UCL = 1176.02

Number beyond limits = 126

Number violating runs = 321

180th column point of this product



Number of groups = 368

Center = 1169.082

StdDev = 2.273079

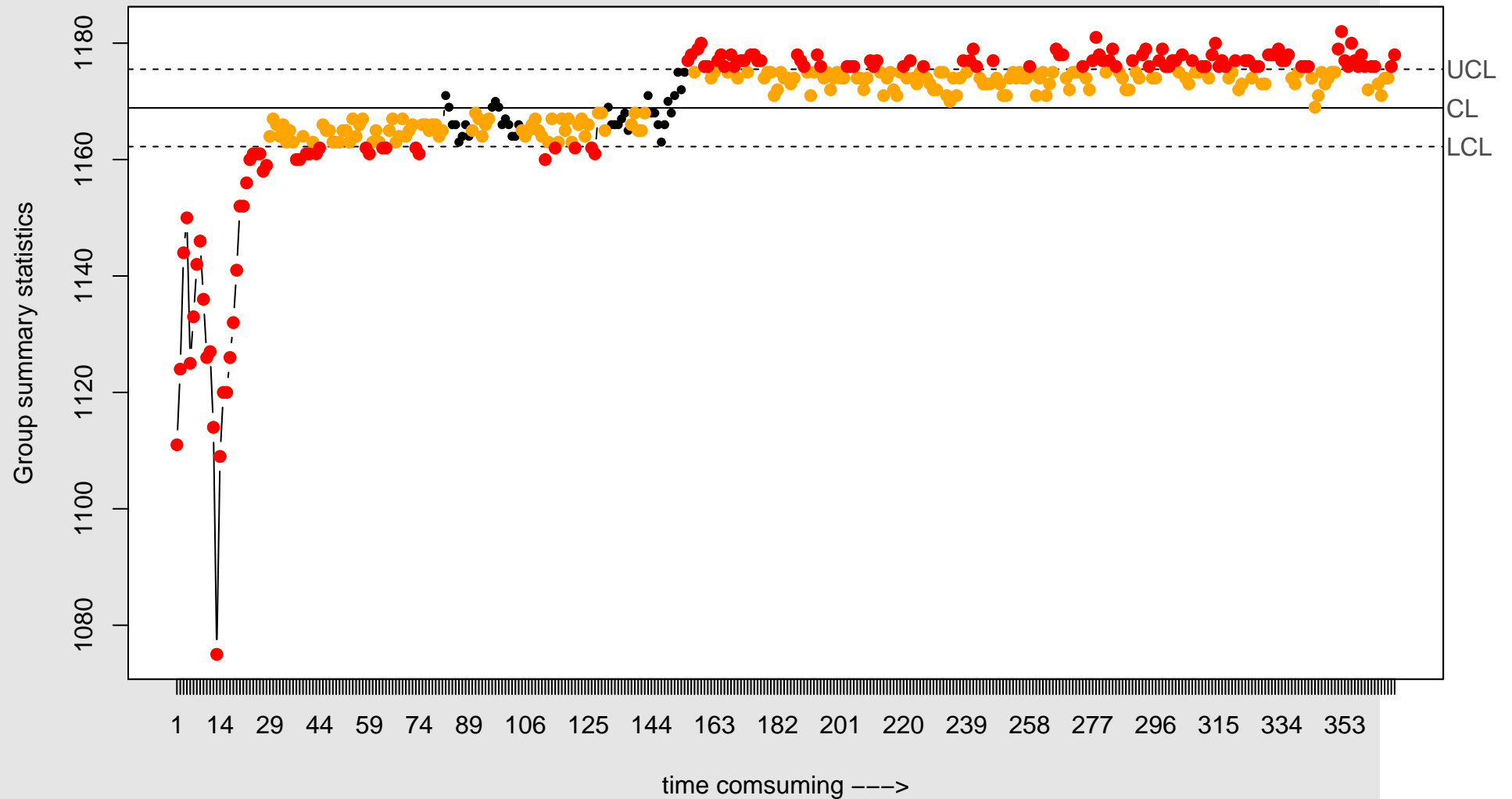
LCL = 1162.262

UCL = 1175.901

Number beyond limits = 148

Number violating runs = 325

181th column point of this product



Number of groups = 368

Center = 1168.878

StdDev = 2.215104

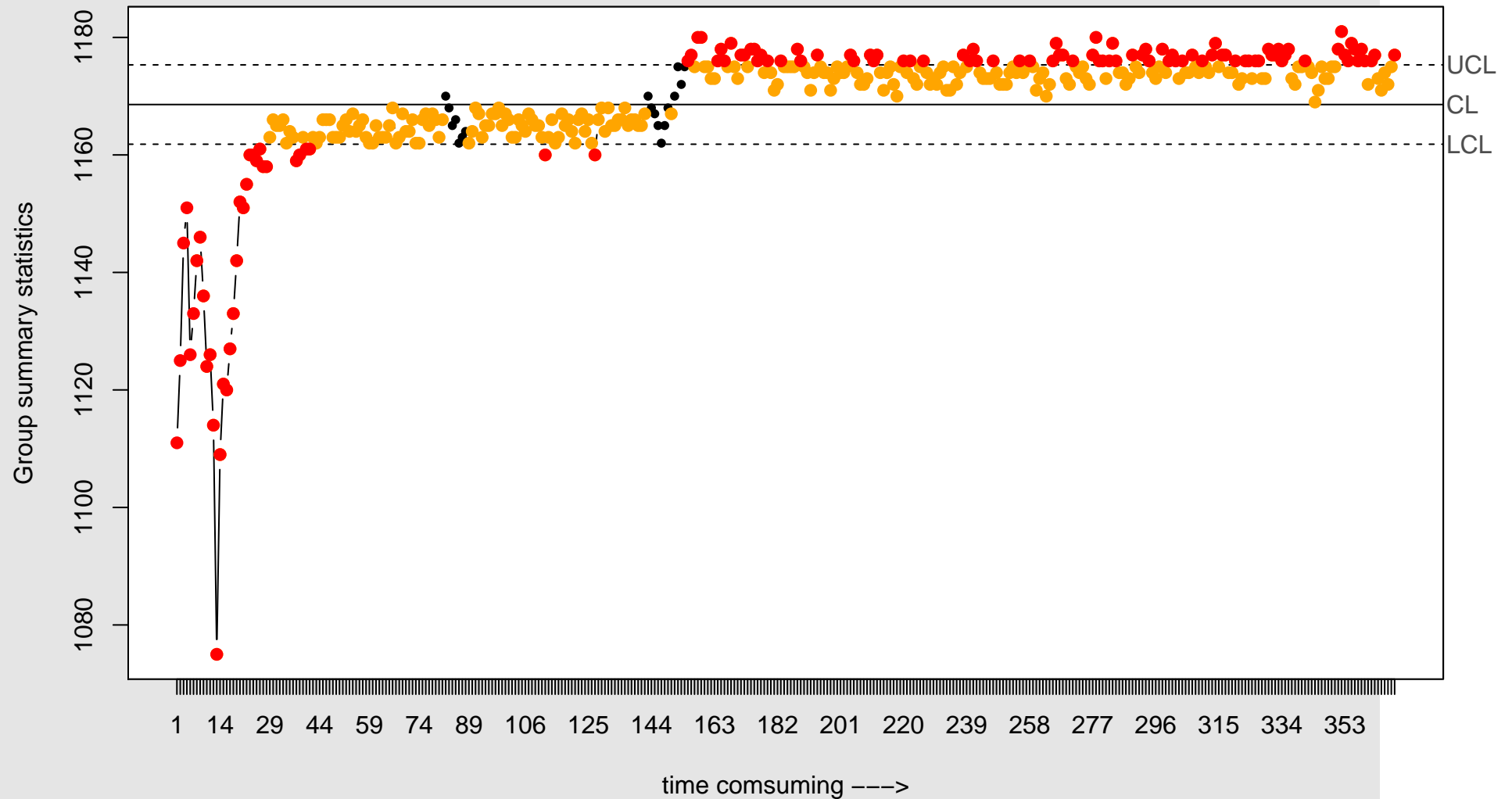
LCL = 1162.232

UCL = 1175.523

Number beyond limits = 140

Number violating runs = 324

182th column point of this product



Number of groups = 368

Center = 1168.573

StdDev = 2.251338

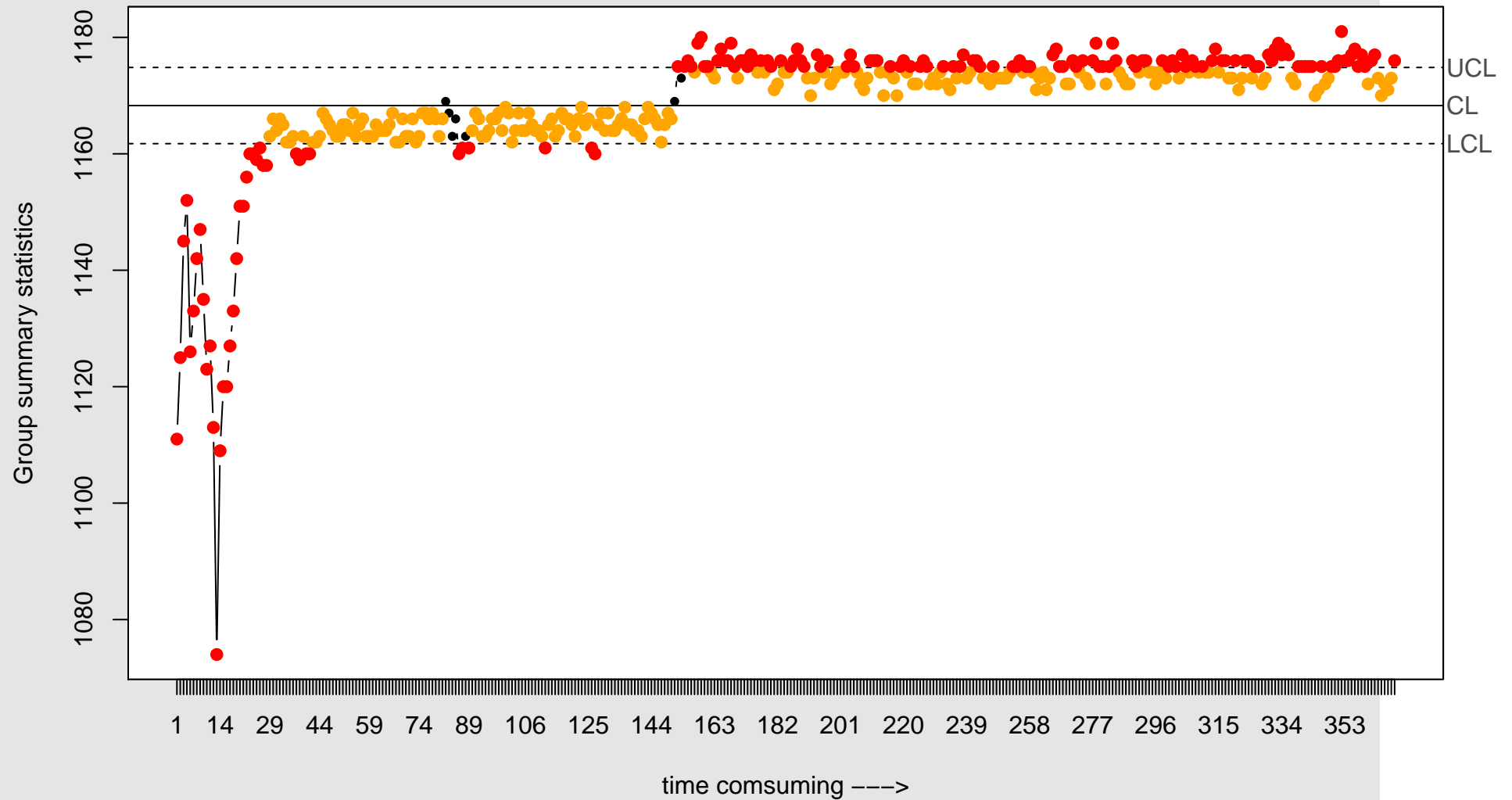
LCL = 1161.819

UCL = 1175.327

Number beyond limits = 120

Number violating runs = 342

183th column point of this product



Number of groups = 368

Center = 1168.288

StdDev = 2.181286

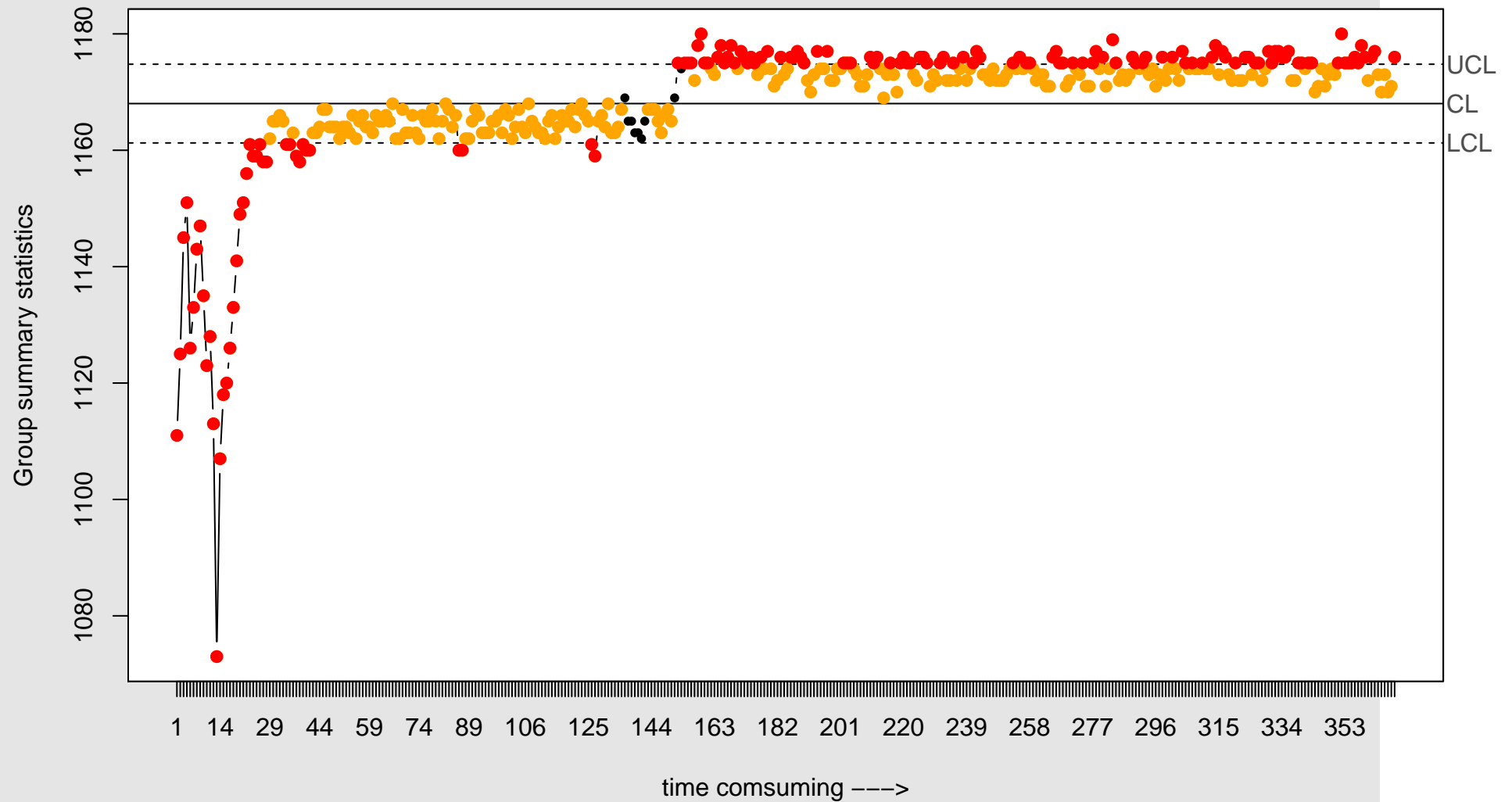
LCL = 1161.744

UCL = 1174.832

Number beyond limits = 158

Number violating runs = 349

184th column point of this product

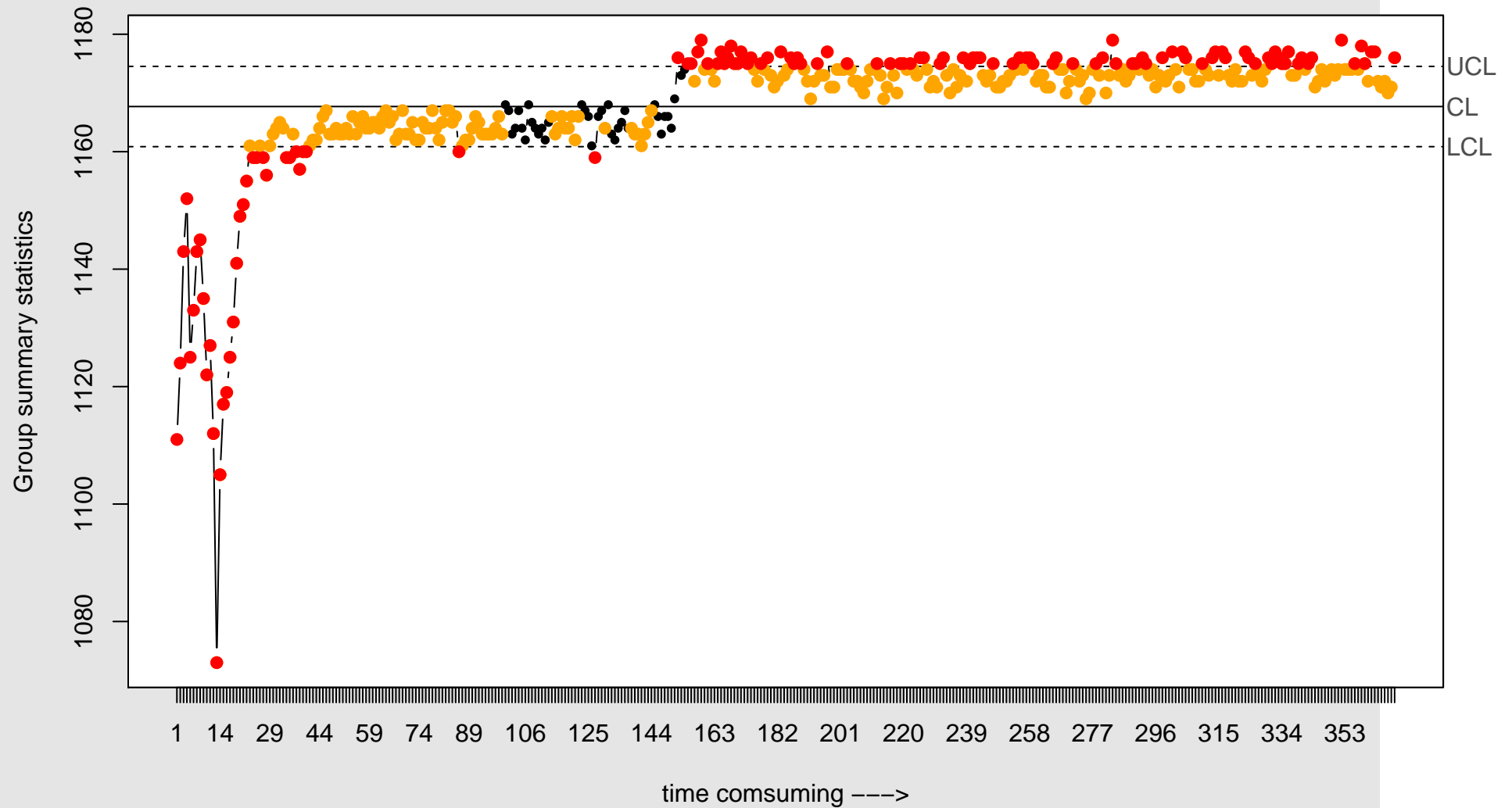


Number of groups = 368
Center = 1168.022
StdDev = 2.253754

LCL = 1161.26
UCL = 1174.783

Number beyond limits = 146
Number violating runs = 349

185th column point of this product

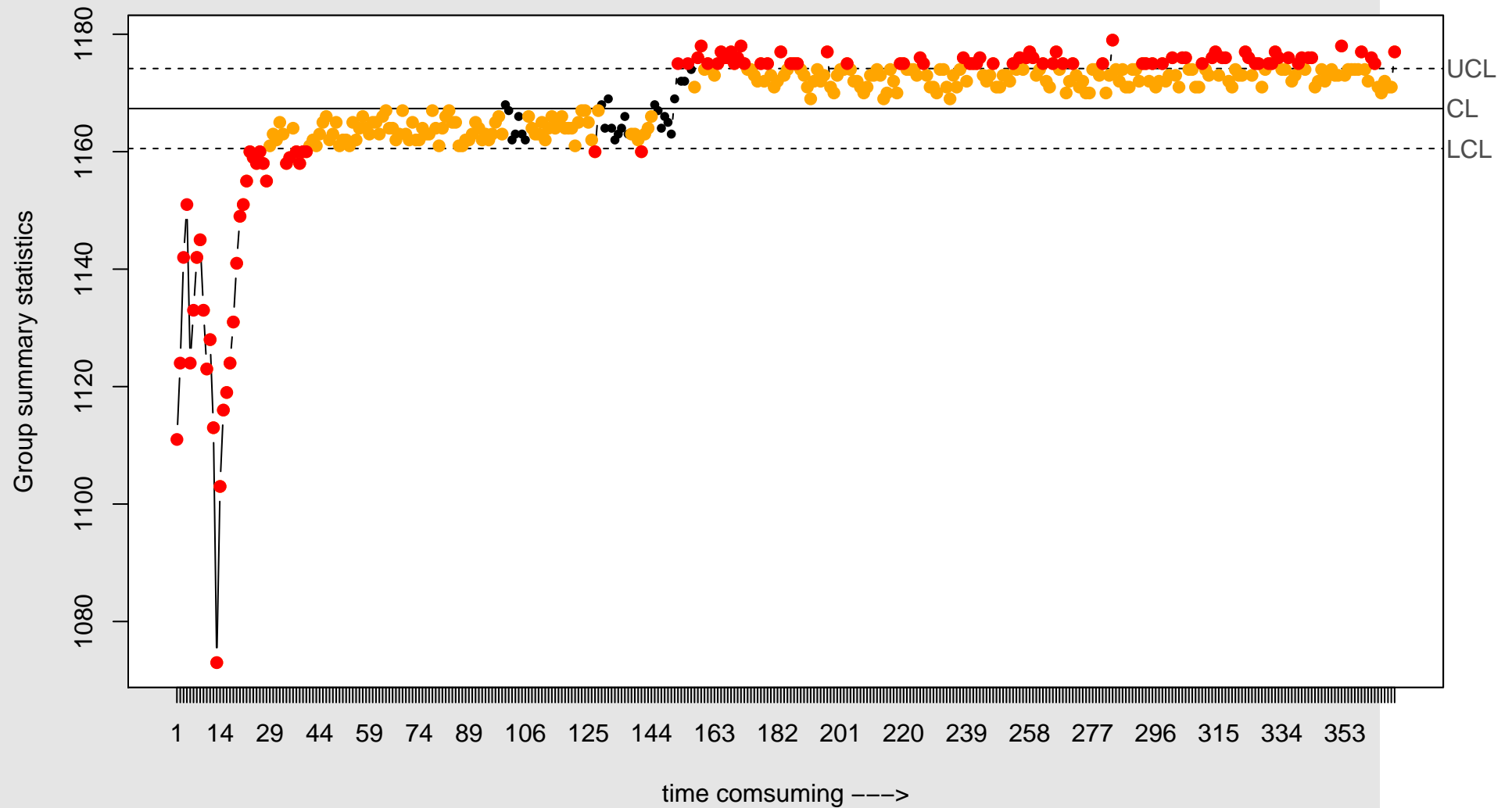


Number of groups = 368
Center = 1167.69
StdDev = 2.27791

LCL = 1160.856
UCL = 1174.524

Number beyond limits = 122
Number violating runs = 322

186th column point of this product



Number of groups = 368

Center = 1167.348

StdDev = 2.270663

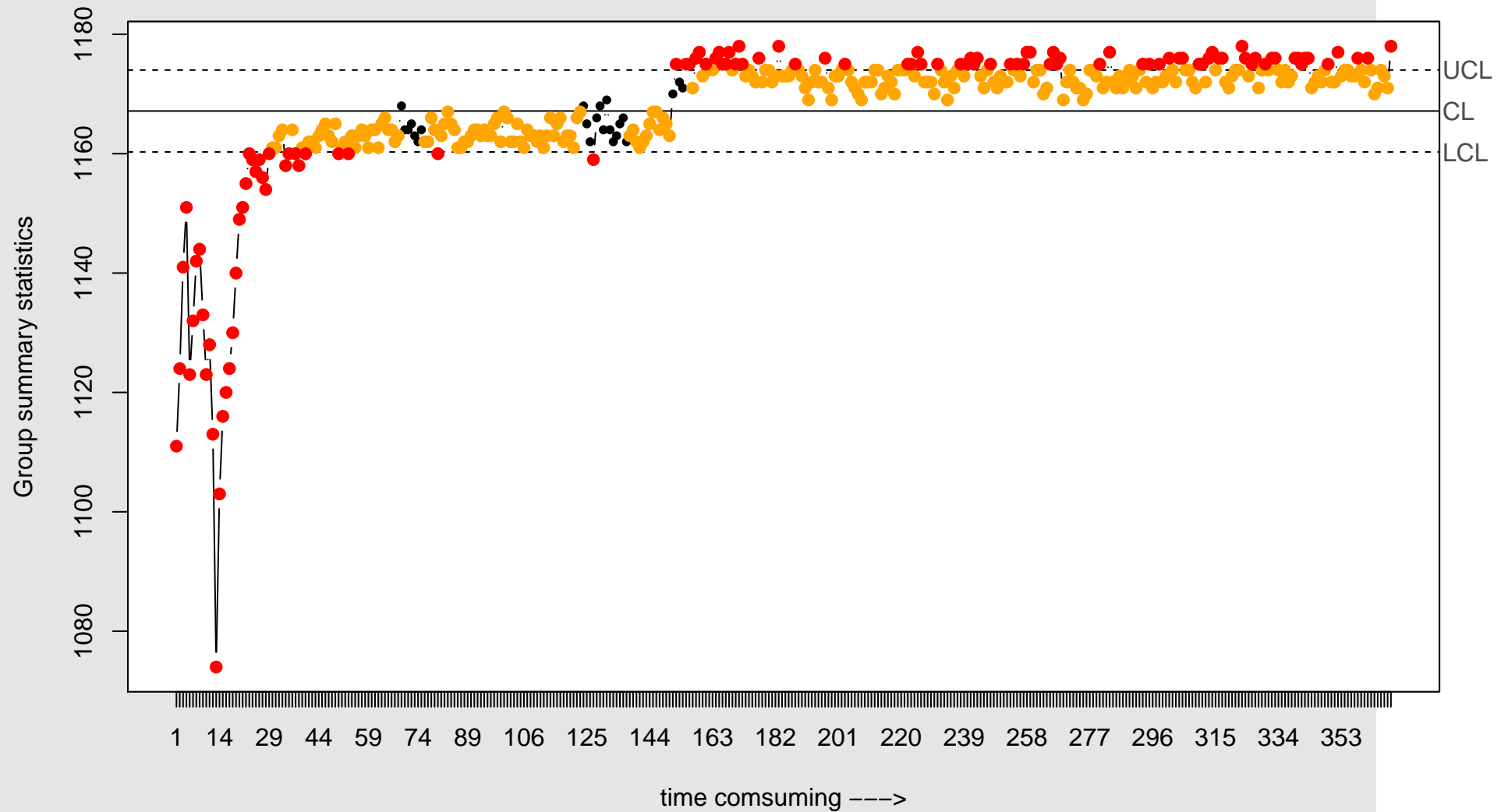
LCL = 1160.536

UCL = 1174.16

Number beyond limits = 110

Number violating runs = 334

187th column point of this product



Number of groups = 368

Center = 1167.149

StdDev = 2.287572

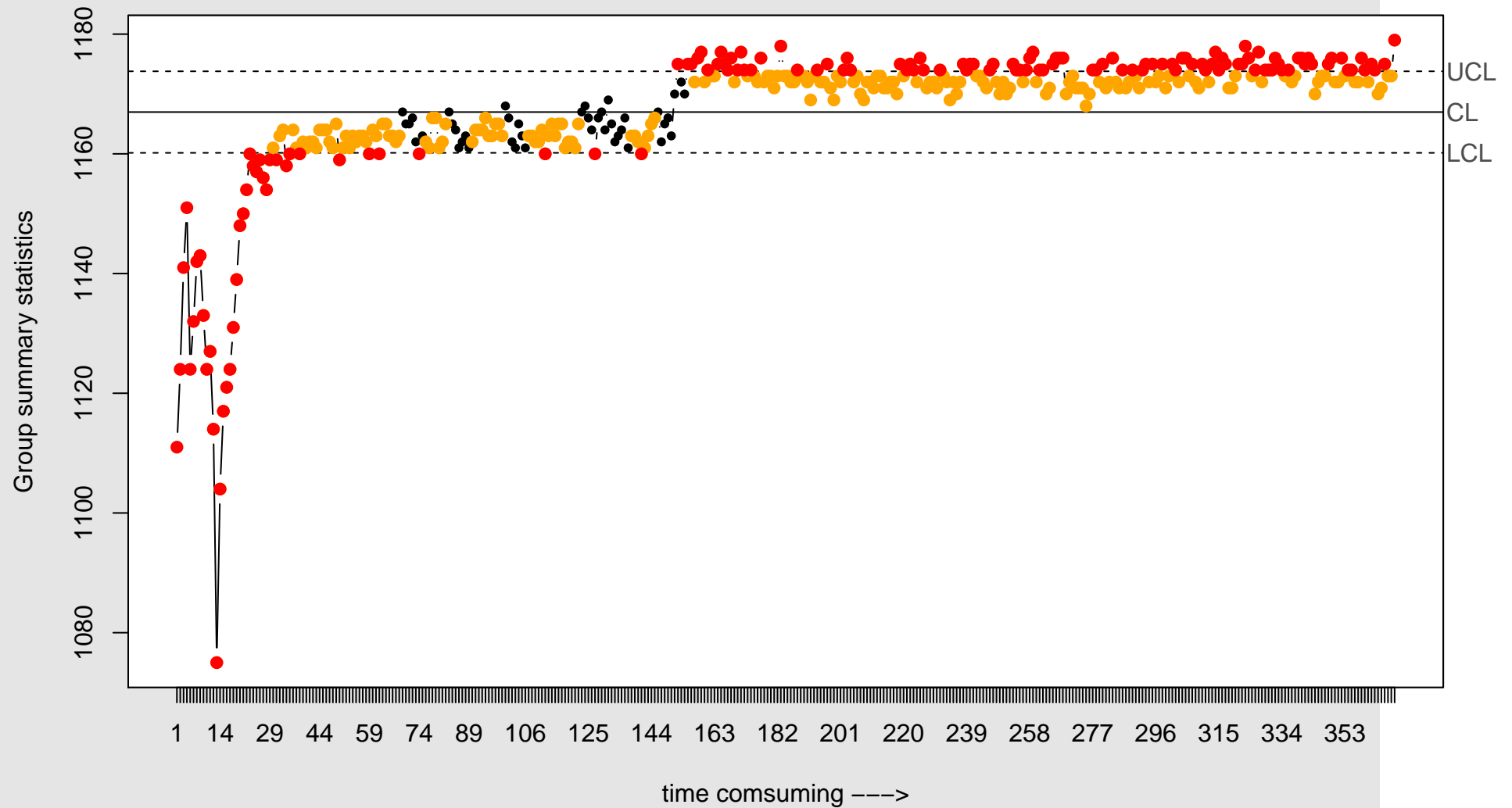
LCL = 1160.287

UCL = 1174.012

Number beyond limits = 108

Number violating runs = 335

188th column point of this product

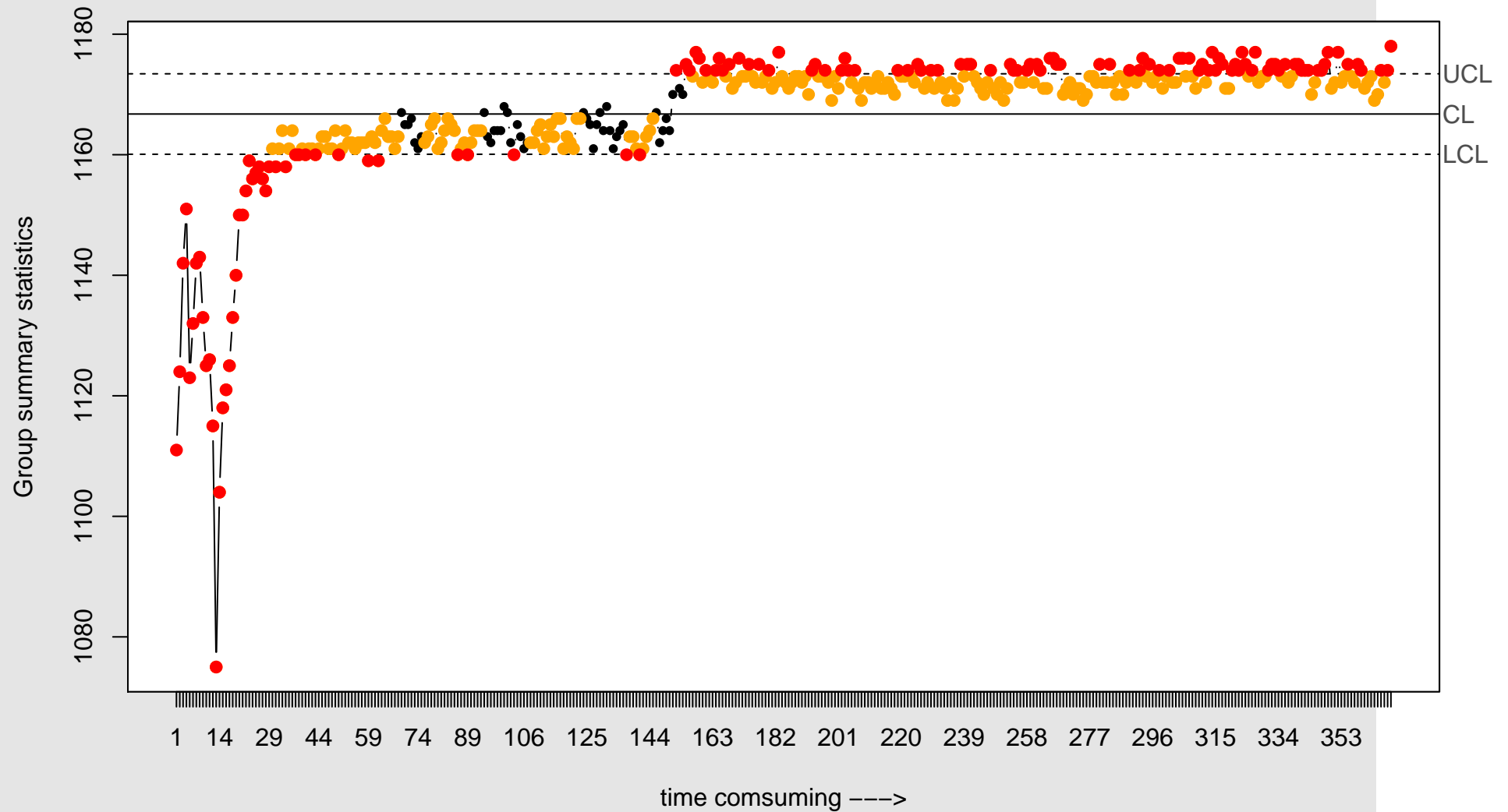


Number of groups = 368
Center = 1166.978
StdDev = 2.270663

LCL = 1160.166
UCL = 1173.79

Number beyond limits = 139
Number violating runs = 315

189th column point of this product

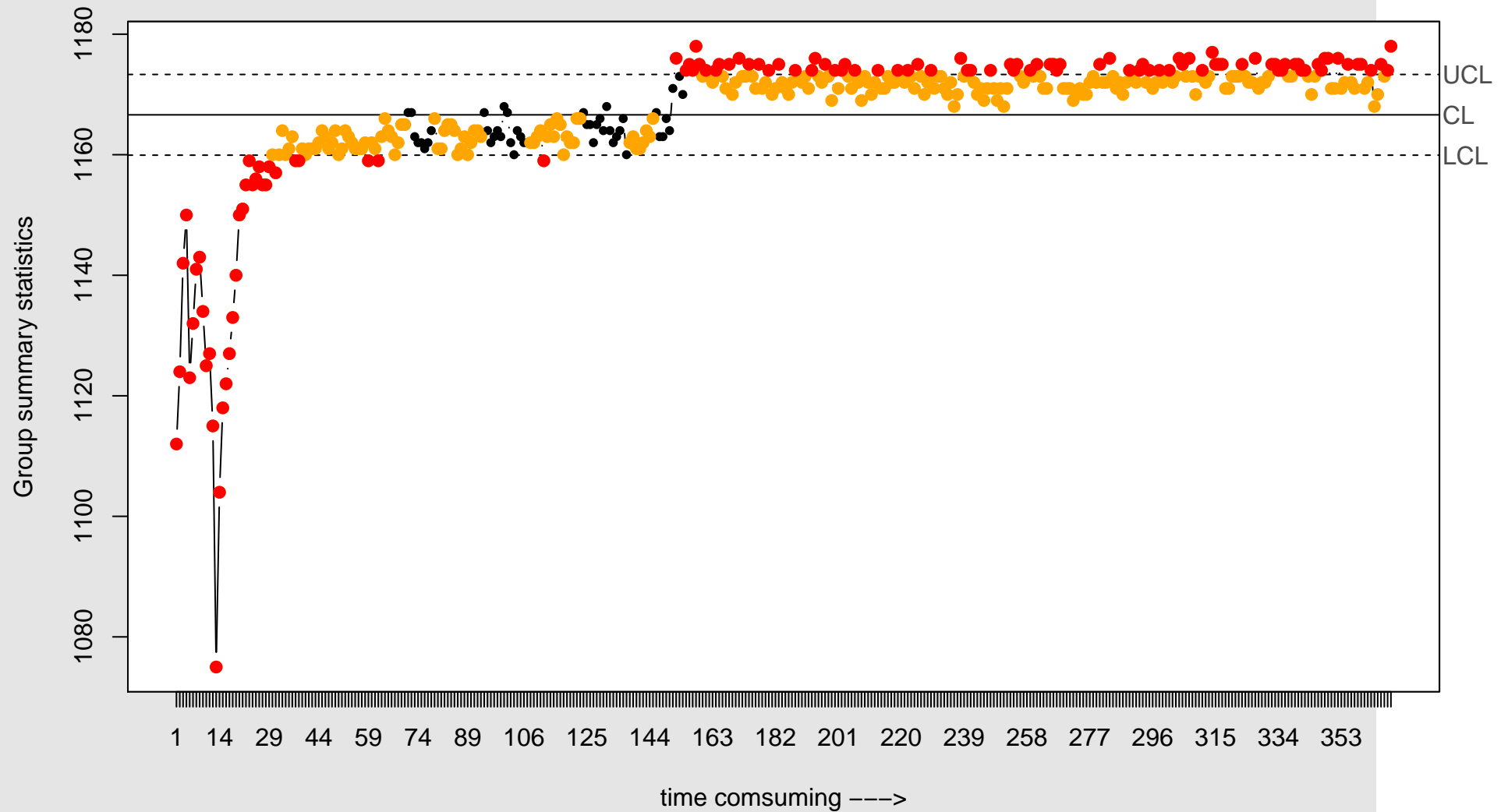


Number of groups = 368
Center = 1166.753
StdDev = 2.224767

LCL = 1160.078
UCL = 1173.427

Number beyond limits = 132
Number violating runs = 316

190th column point of this product



Number of groups = 368

Center = 1166.62

StdDev = 2.232013

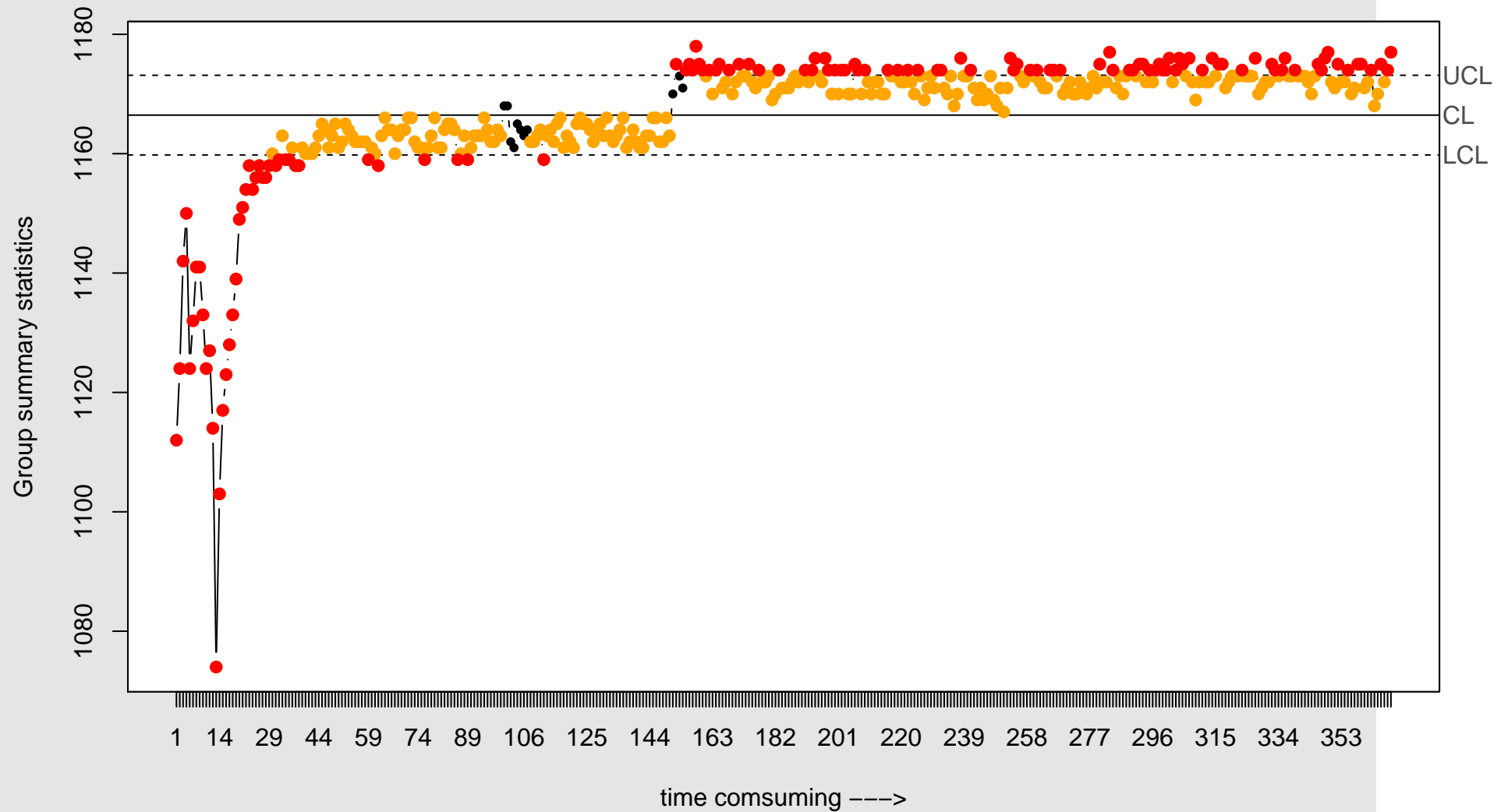
LCL = 1159.924

UCL = 1173.316

Number beyond limits = 115

Number violating runs = 315

191th column point of this product

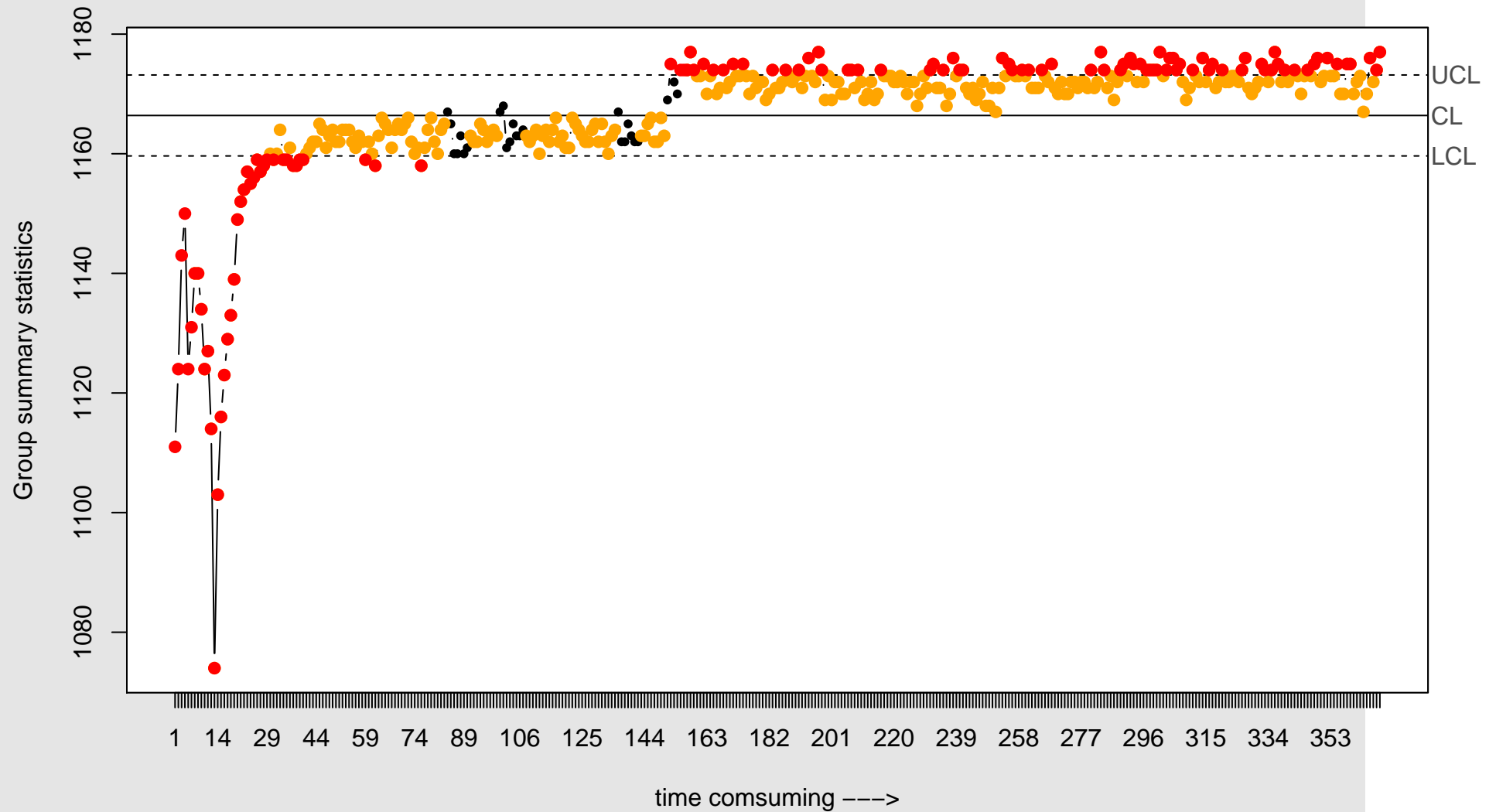


Number of groups = 368
Center = 1166.459
StdDev = 2.224767

LCL = 1159.785
UCL = 1173.134

Number beyond limits = 123
Number violating runs = 348

192th column point of this product



Number of groups = 368

Center = 1166.399

StdDev = 2.256169

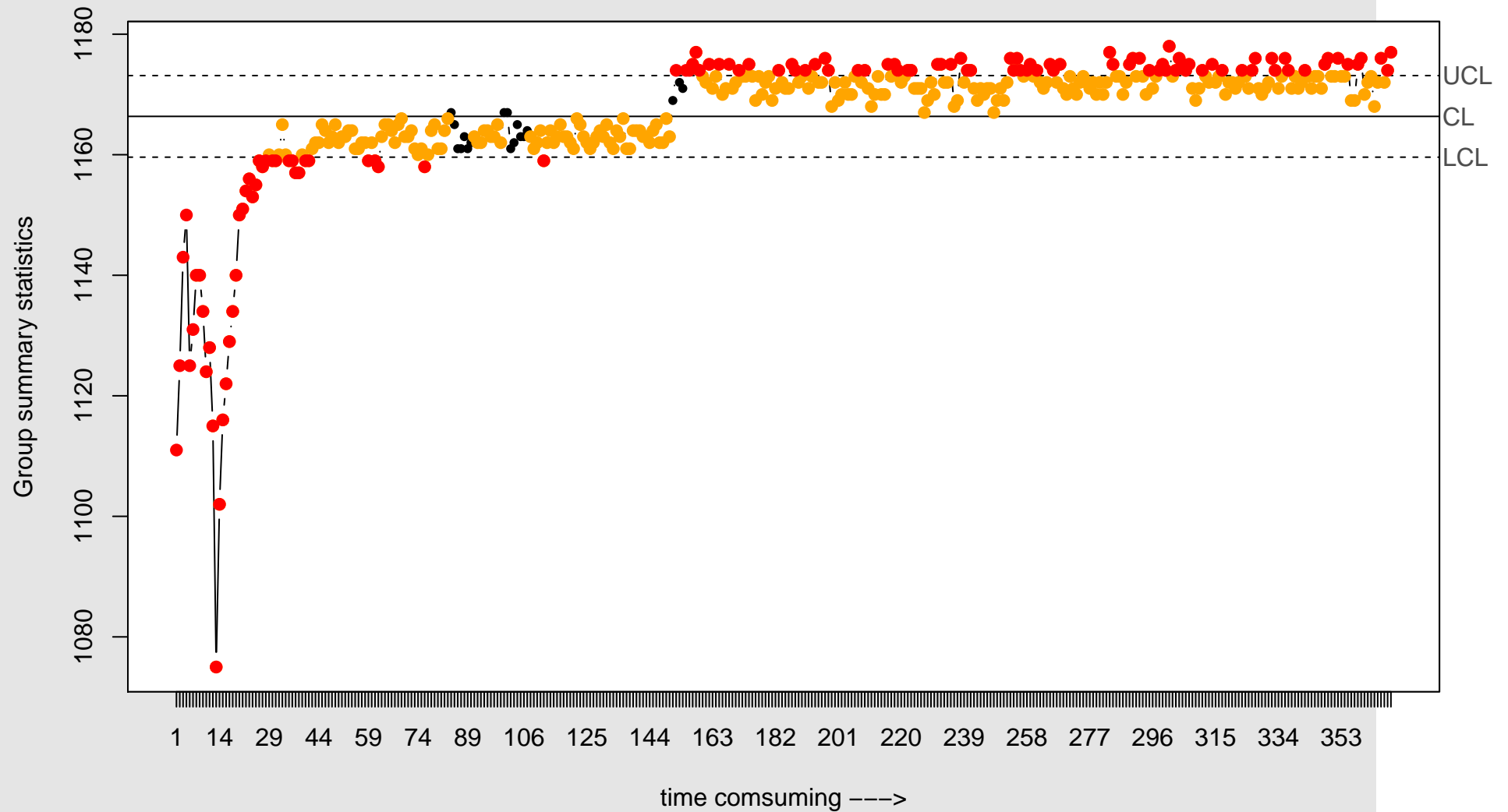
LCL = 1159.631

UCL = 1173.168

Number beyond limits = 115

Number violating runs = 334

193th column point of this product

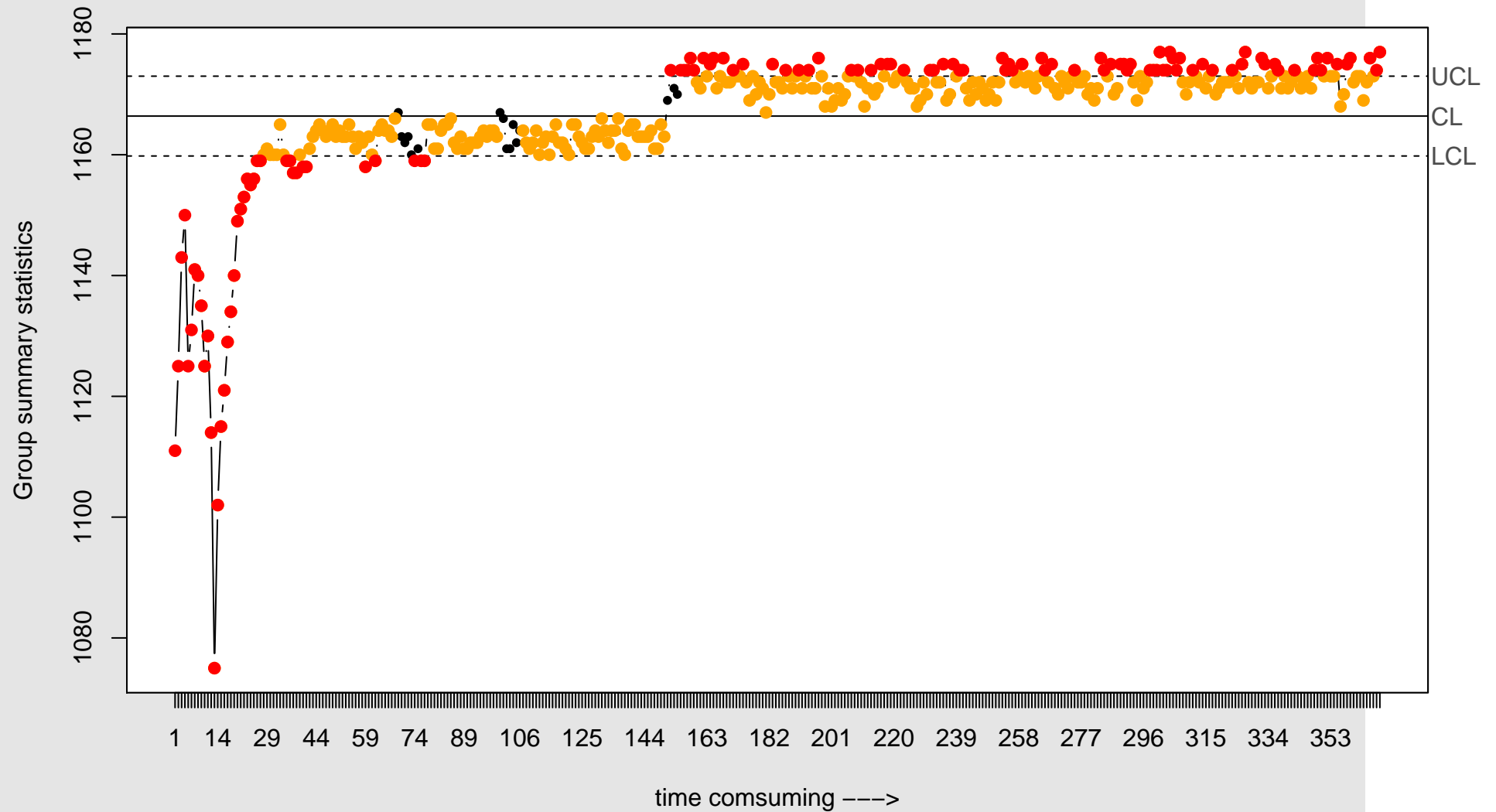


Number of groups = 368
Center = 1166.361
StdDev = 2.256169

LCL = 1159.593
UCL = 1173.13

Number beyond limits = 117
Number violating runs = 341

194th column point of this product

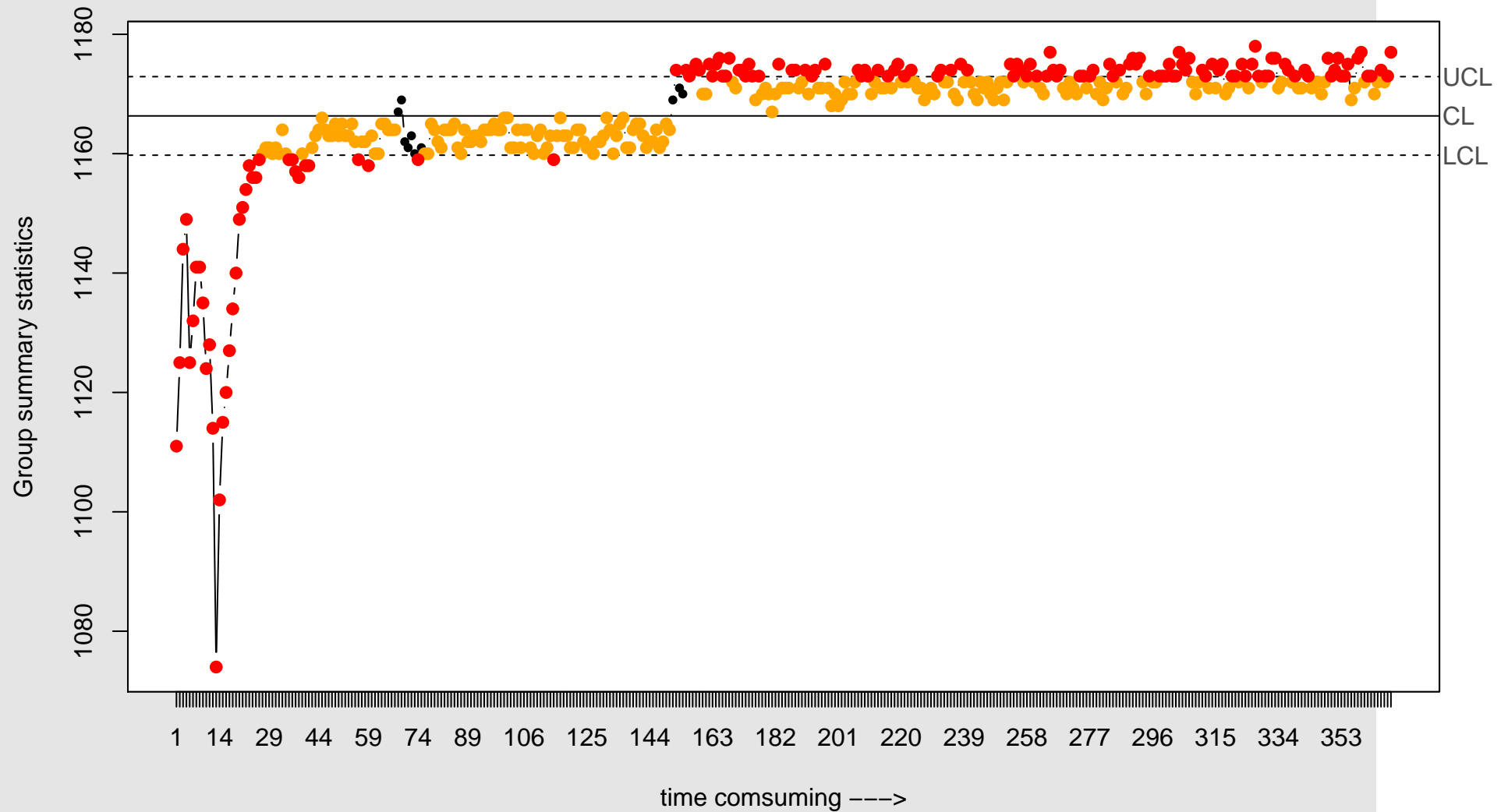


Number of groups = 368
Center = 1166.402
StdDev = 2.203026

LCL = 1159.793
UCL = 1173.011

Number beyond limits = 115
Number violating runs = 342

195th column point of this product



Number of groups = 368

Center = 1166.326

StdDev = 2.193364

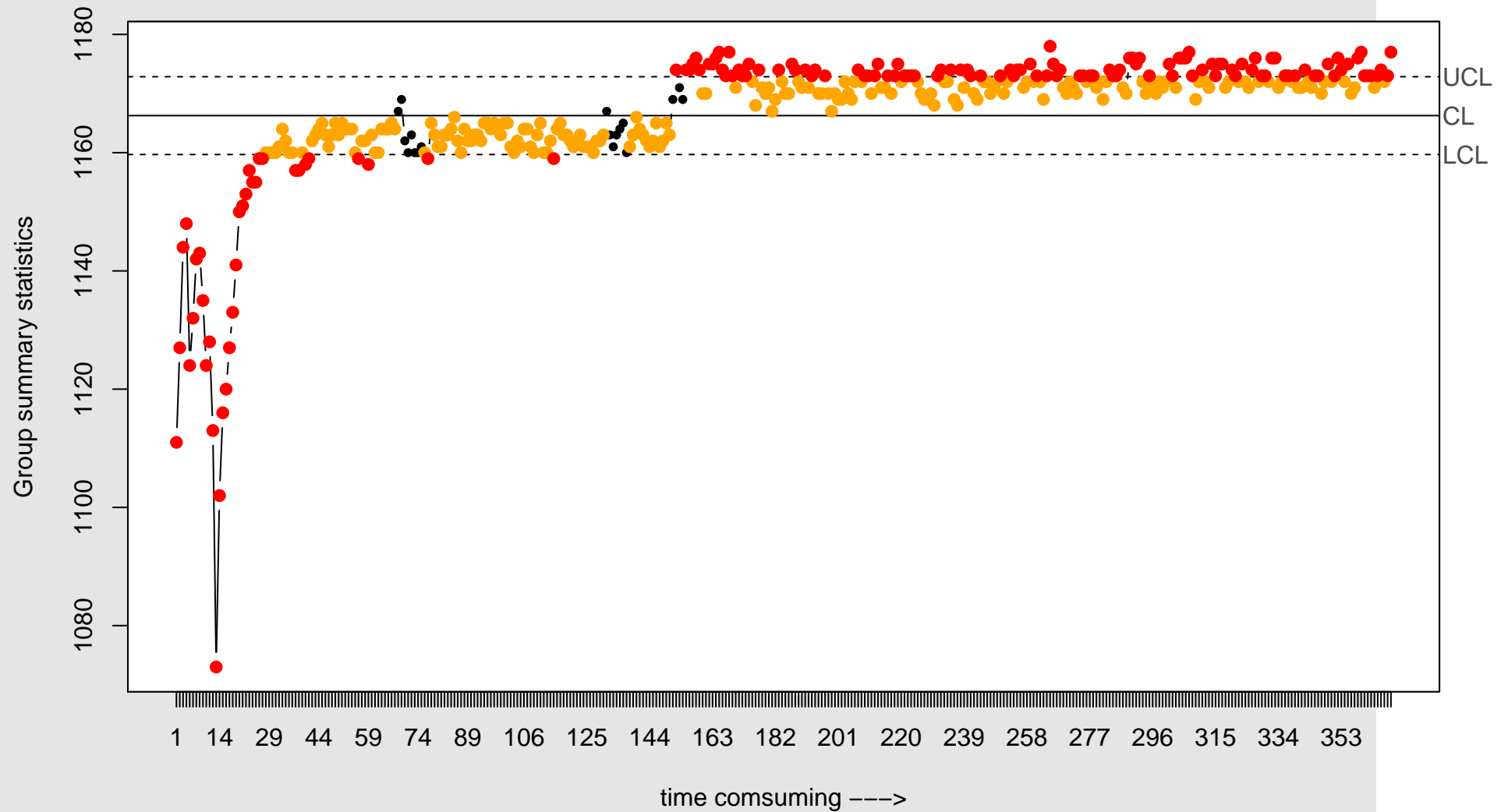
LCL = 1159.746

UCL = 1172.906

Number beyond limits = 146

Number violating runs = 348

196th column point of this product



Number of groups = 368

Center = 1166.264

StdDev = 2.193364

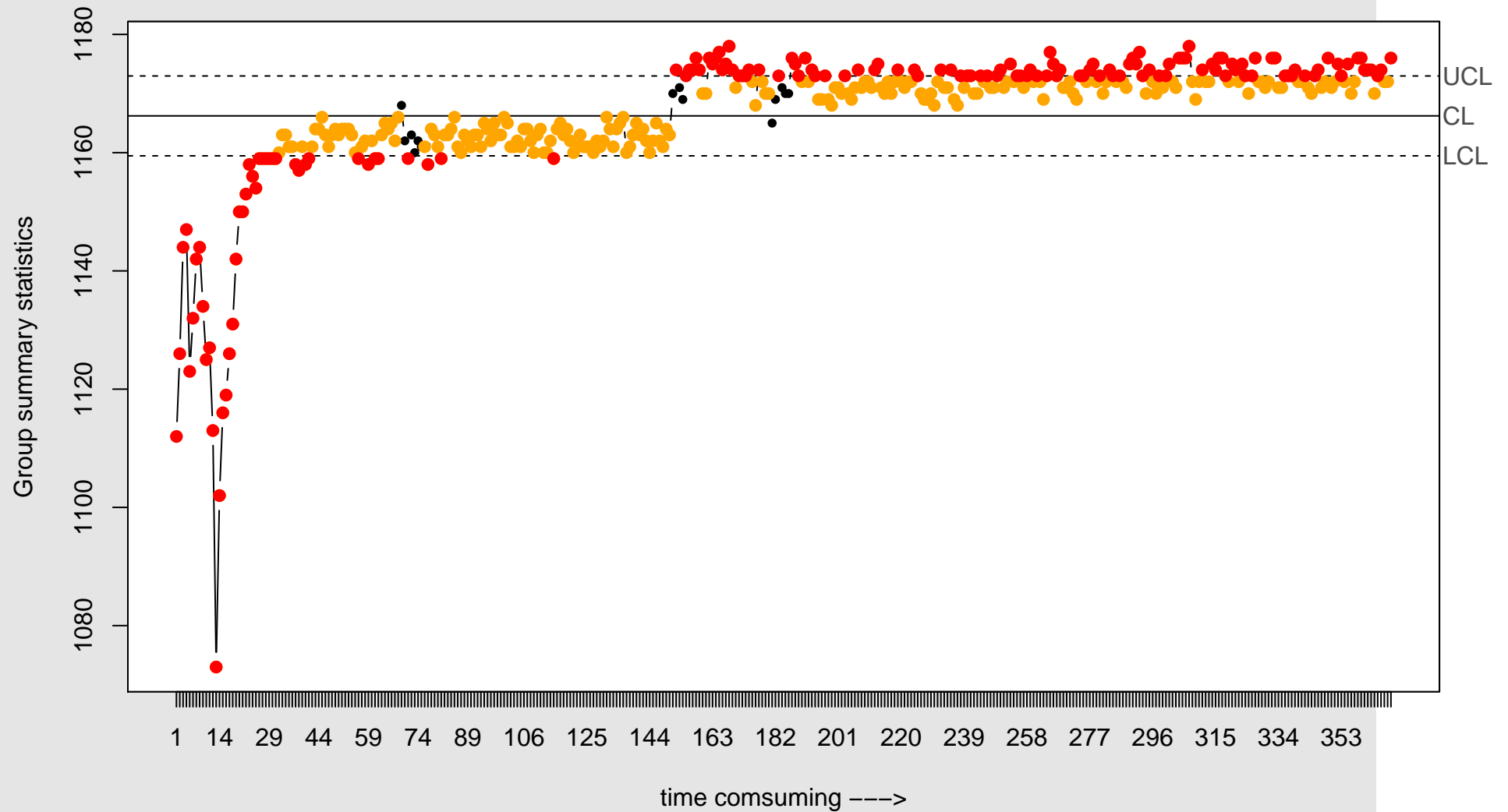
LCL = 1159.683

UCL = 1172.844

Number beyond limits = 146

Number violating runs = 341

197th column point of this product

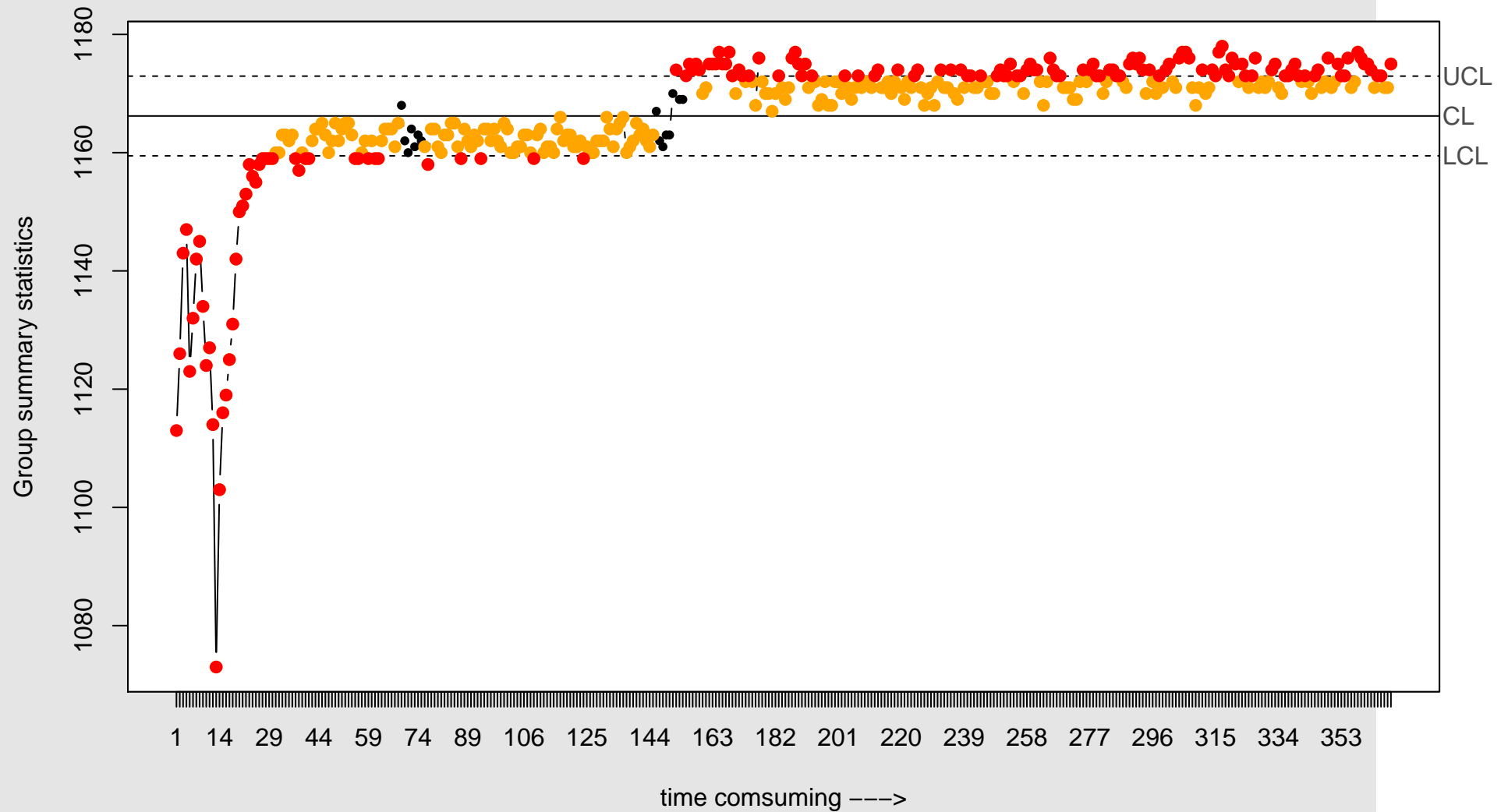


Number of groups = 368
Center = 1166.217
StdDev = 2.251338

LCL = 1159.463
UCL = 1172.971

Number beyond limits = 151
Number violating runs = 342

198th column point of this product



Number of groups = 368

Center = 1166.204

StdDev = 2.246507

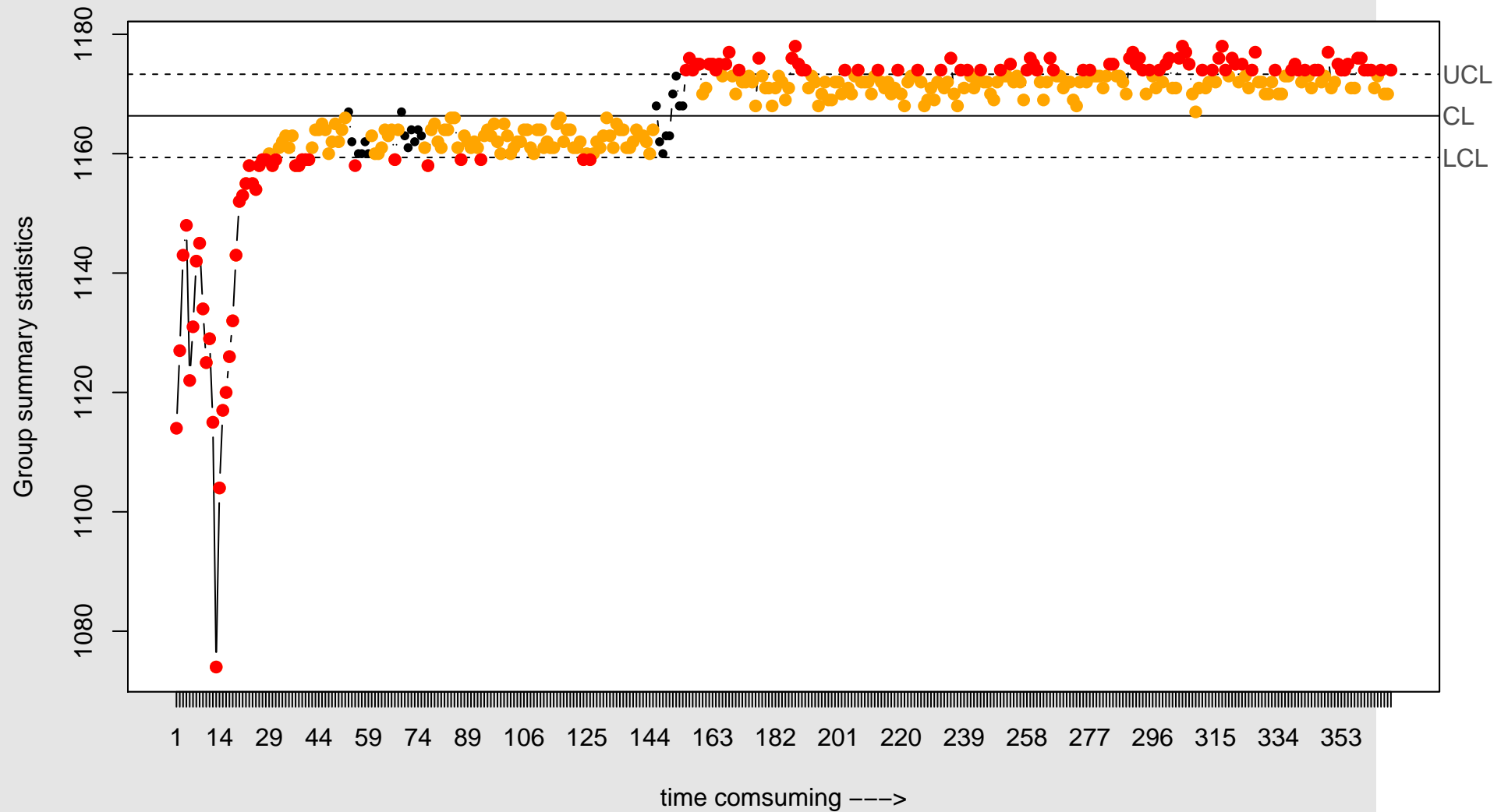
LCL = 1159.464

UCL = 1172.943

Number beyond limits = 155

Number violating runs = 344

199th column point of this product



Number of groups = 368

Center = 1166.337

StdDev = 2.323806

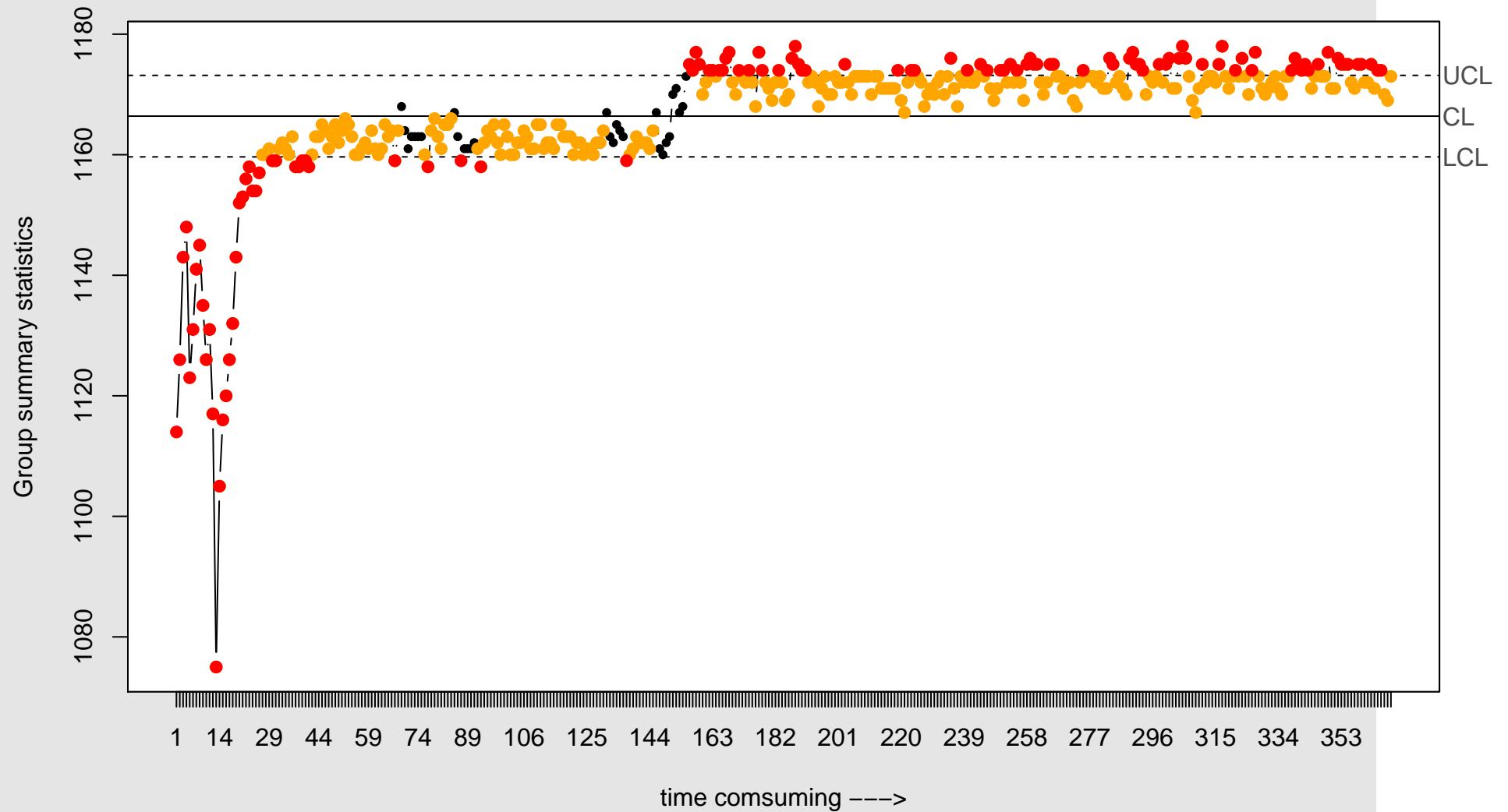
LCL = 1159.366

UCL = 1173.308

Number beyond limits = 124

Number violating runs = 337

200th column point of this product



Number of groups = 368

Center = 1166.402

StdDev = 2.253754

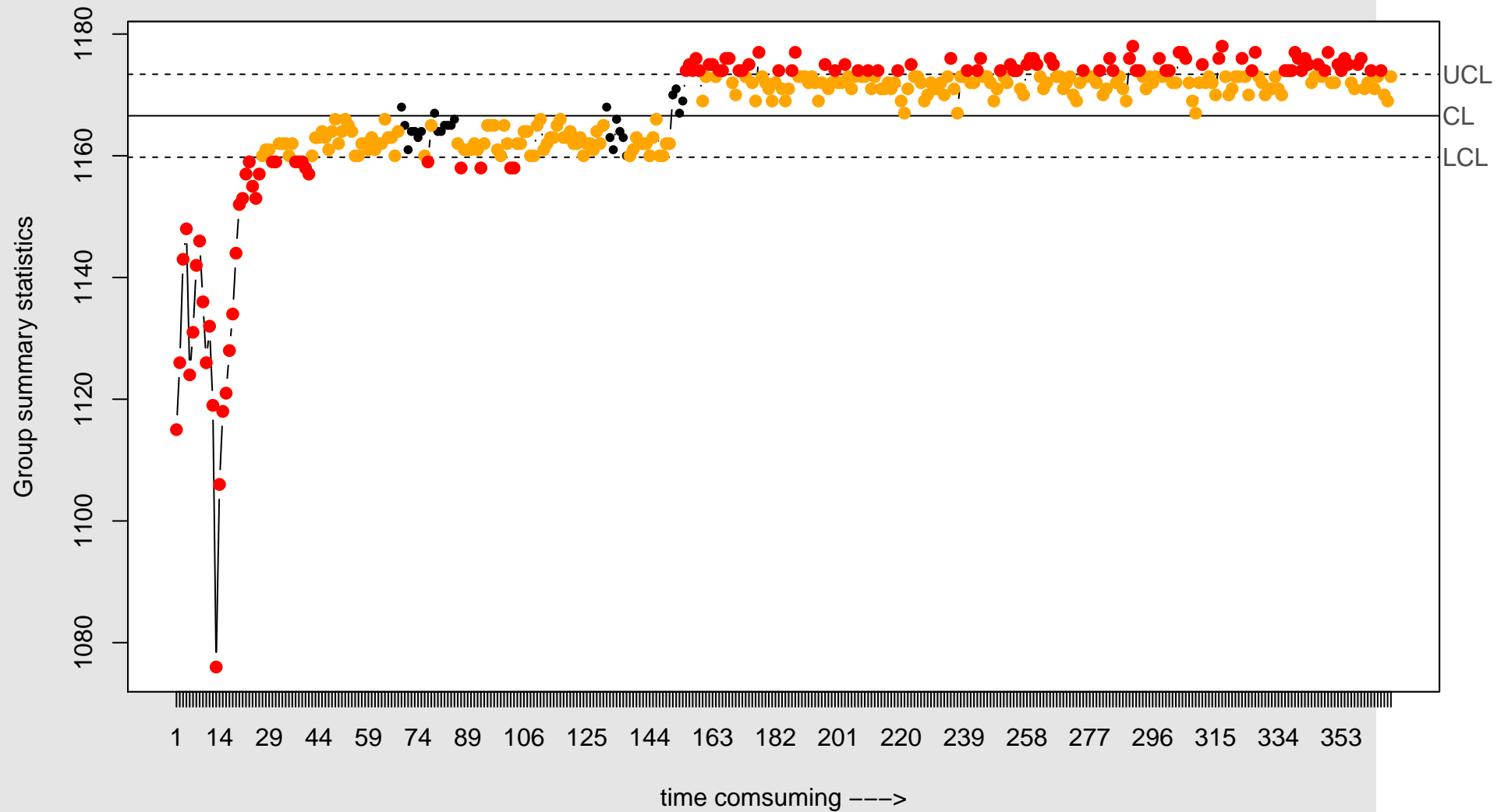
LCL = 1159.641

UCL = 1173.163

Number beyond limits = 114

Number violating runs = 330

201th column point of this product



Number of groups = 368

Center = 1166.576

StdDev = 2.270663

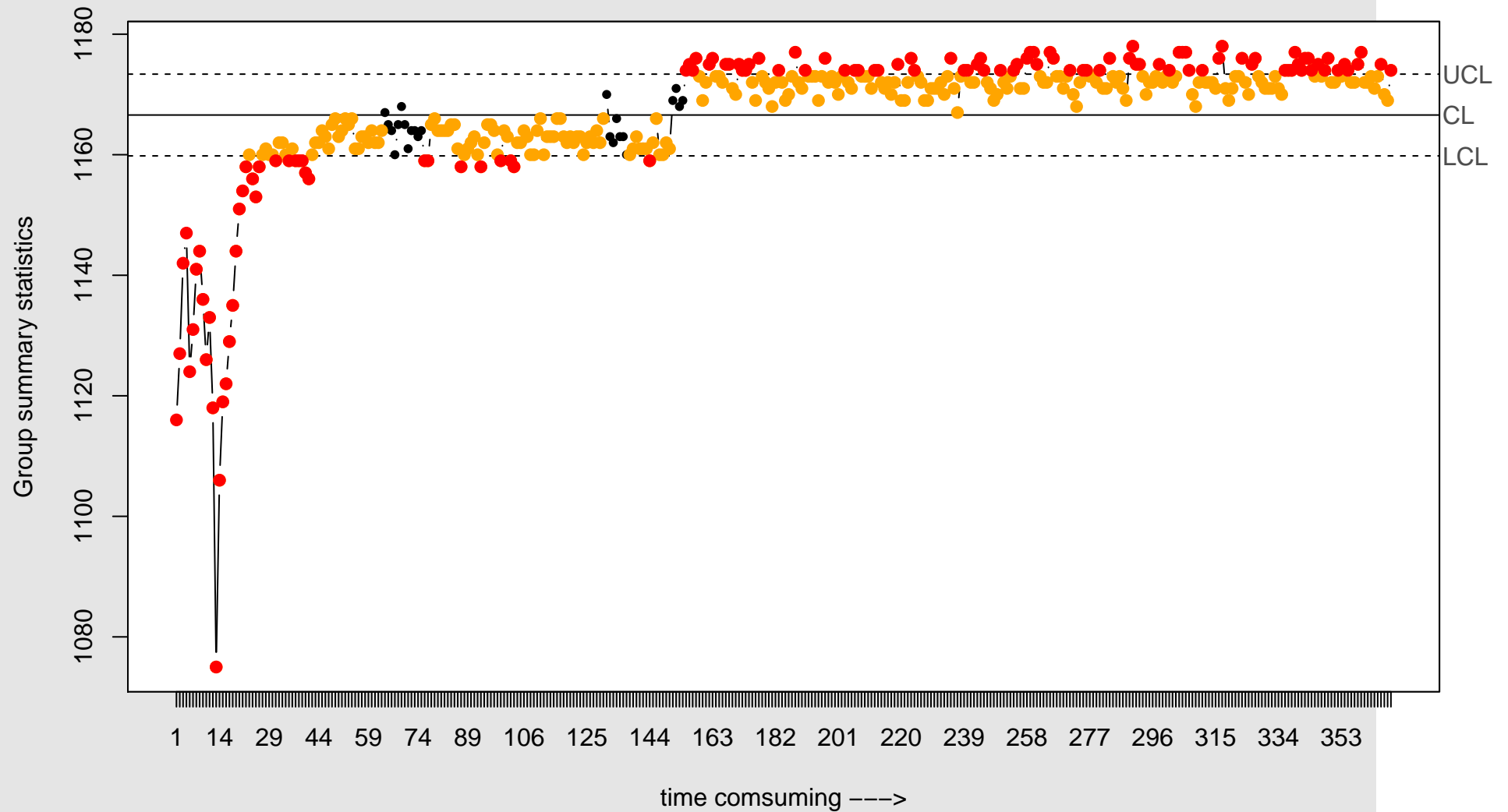
LCL = 1159.764

UCL = 1173.388

Number beyond limits = 117

Number violating runs = 335

202th column point of this product



Number of groups = 368

Center = 1166.59

StdDev = 2.261001

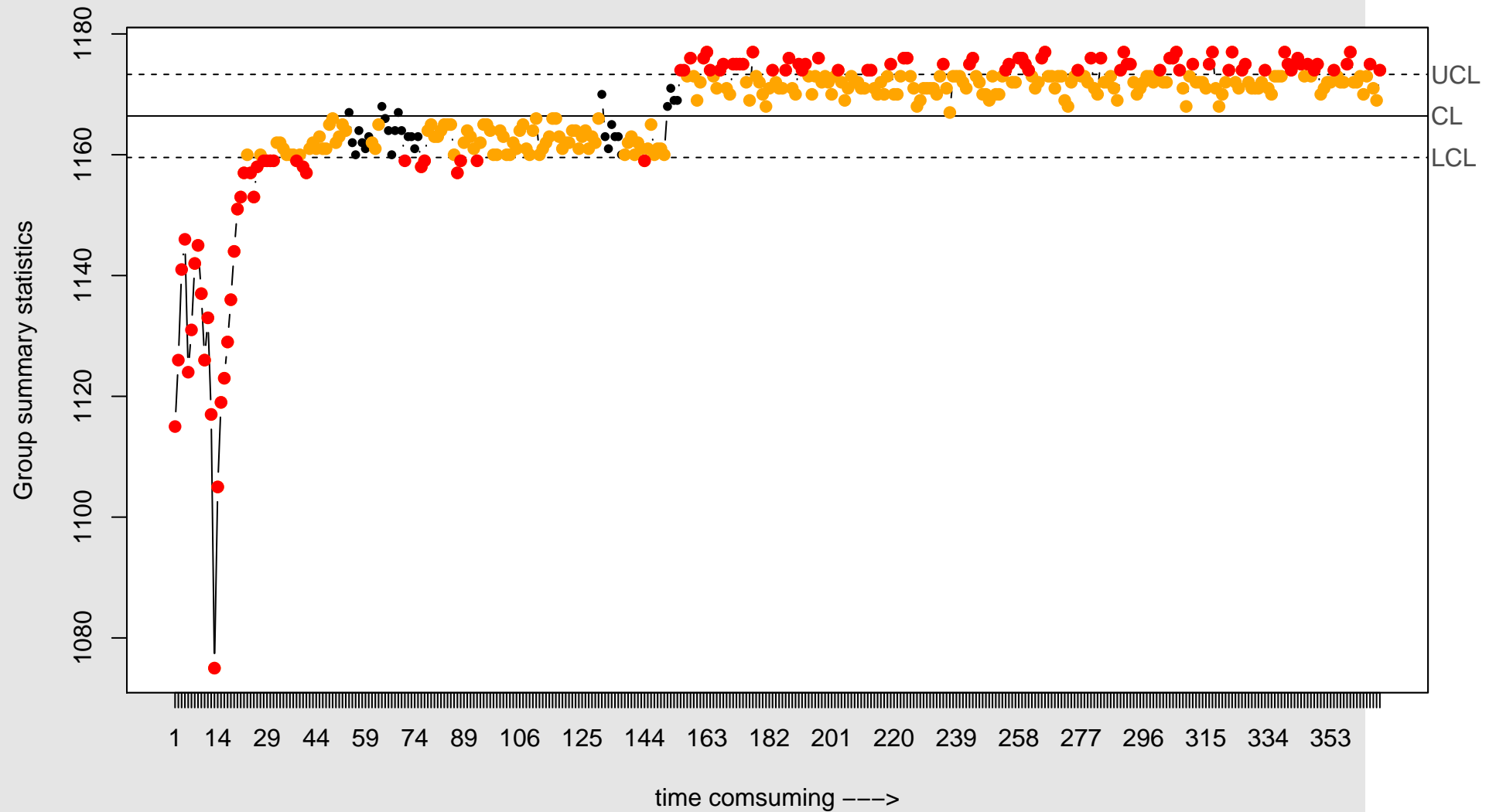
LCL = 1159.807

UCL = 1173.373

Number beyond limits = 120

Number violating runs = 337

203th column point of this product



Number of groups = 368

Center = 1166.424

StdDev = 2.292403

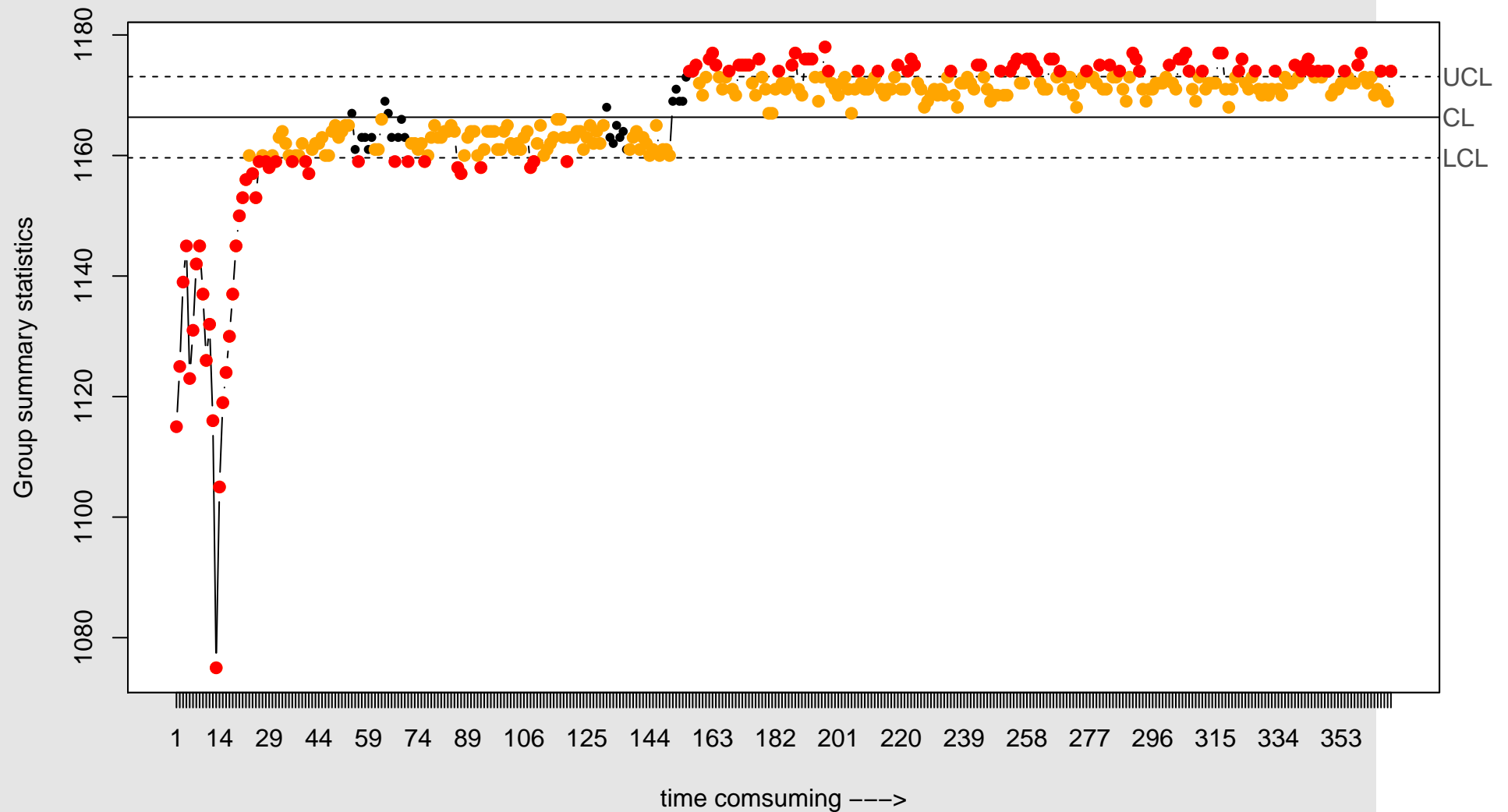
LCL = 1159.547

UCL = 1173.301

Number beyond limits = 110

Number violating runs = 330

204th column point of this product



Number of groups = 368

Center = 1166.351

StdDev = 2.244091

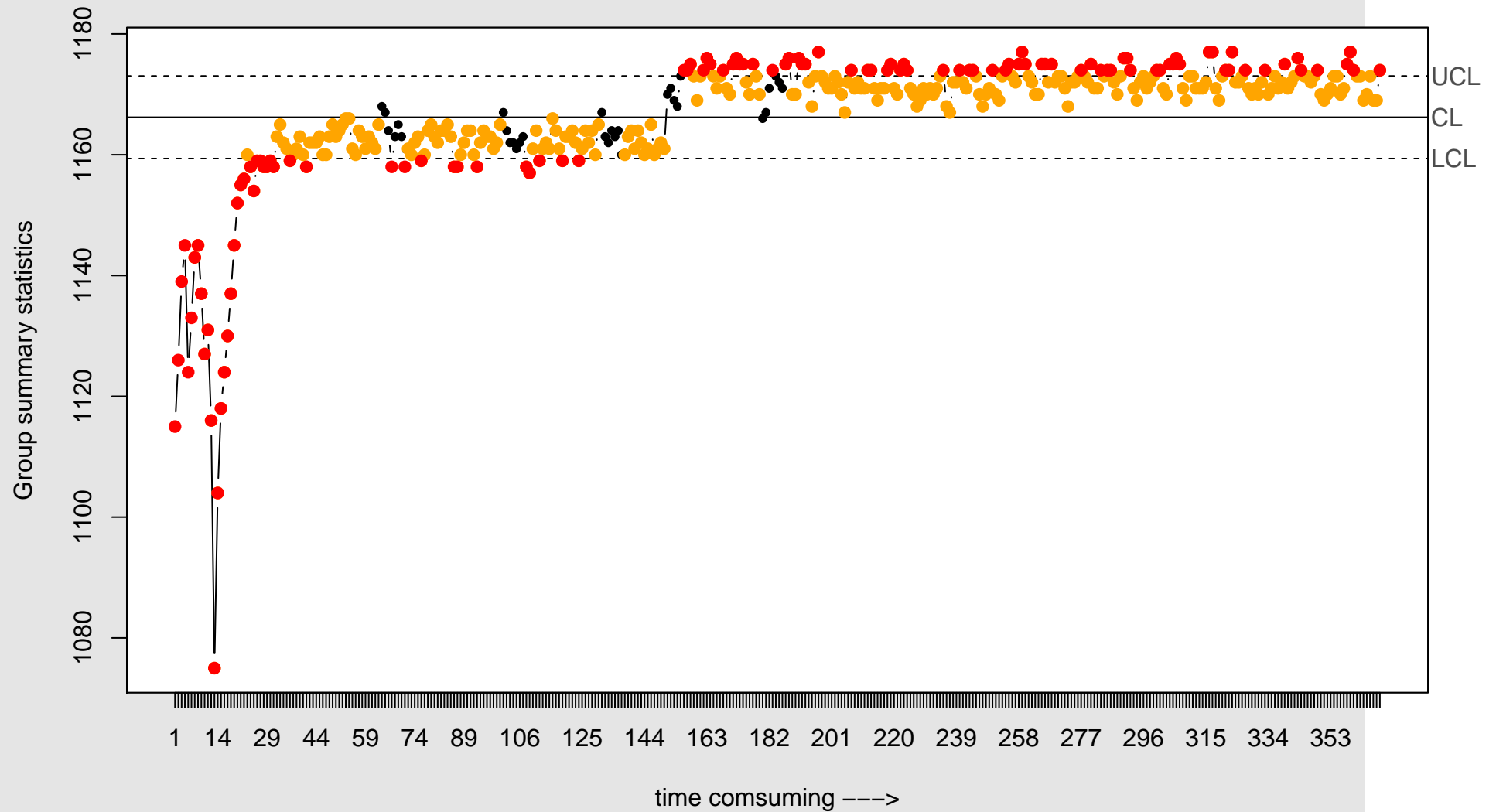
LCL = 1159.618

UCL = 1173.083

Number beyond limits = 113

Number violating runs = 334

205th column point of this product

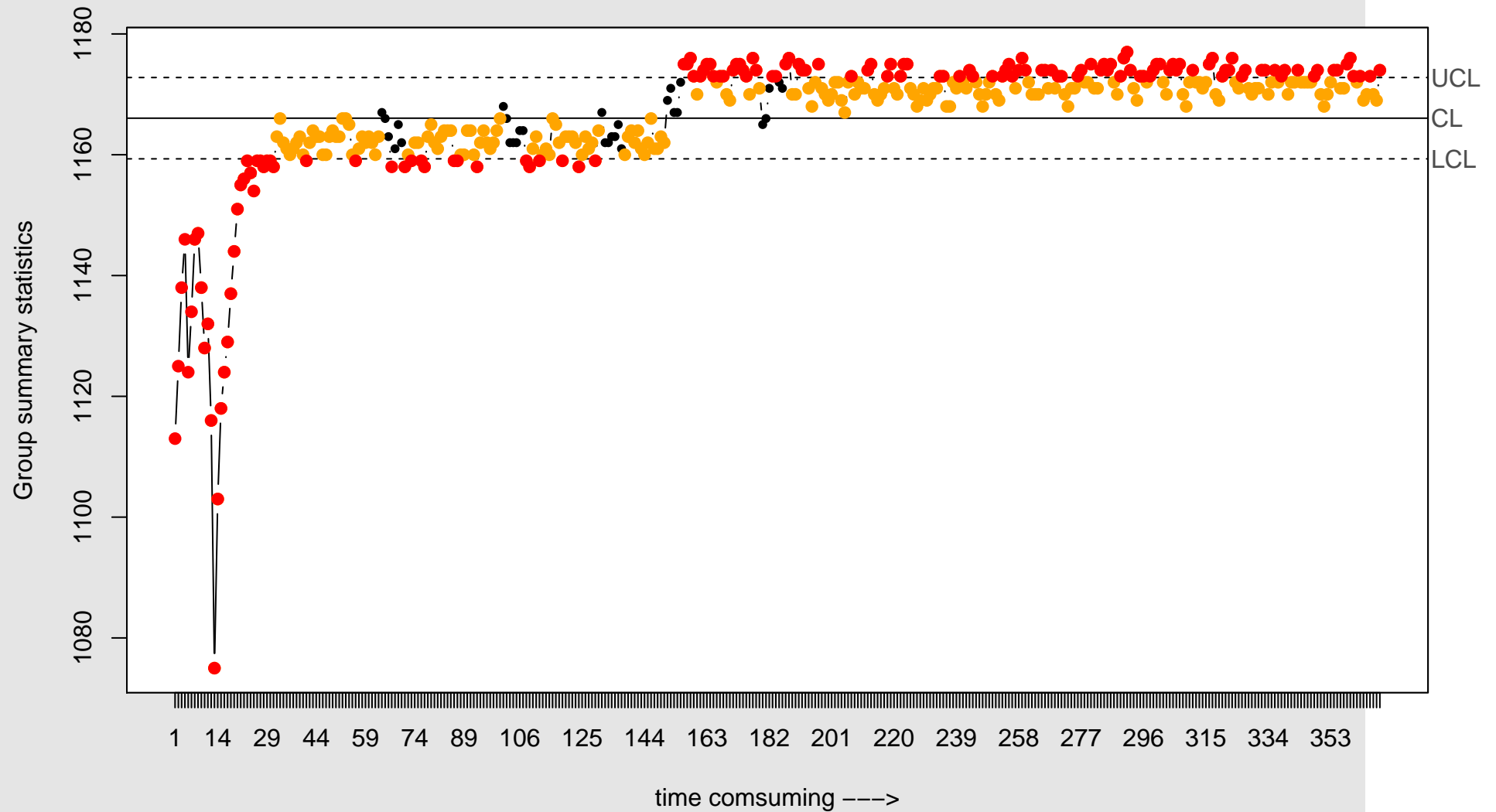


Number of groups = 368
Center = 1166.209
StdDev = 2.27791

LCL = 1159.376
UCL = 1173.043

Number beyond limits = 112
Number violating runs = 327

206th column point of this product



Number of groups = 368

Center = 1166.054

StdDev = 2.244091

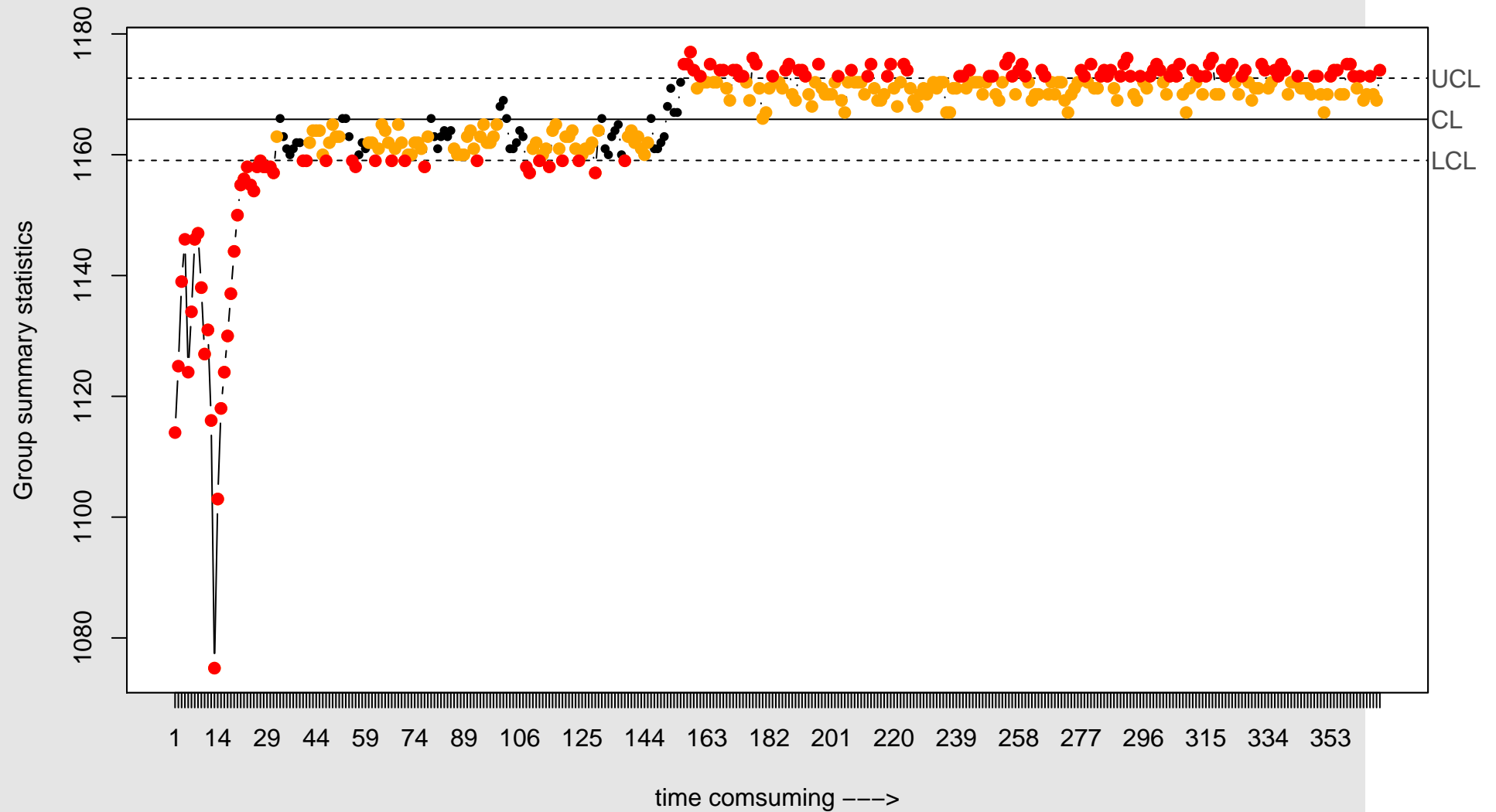
LCL = 1159.322

UCL = 1172.787

Number beyond limits = 145

Number violating runs = 327

207th column point of this product



Number of groups = 368

Center = 1165.867

StdDev = 2.270663

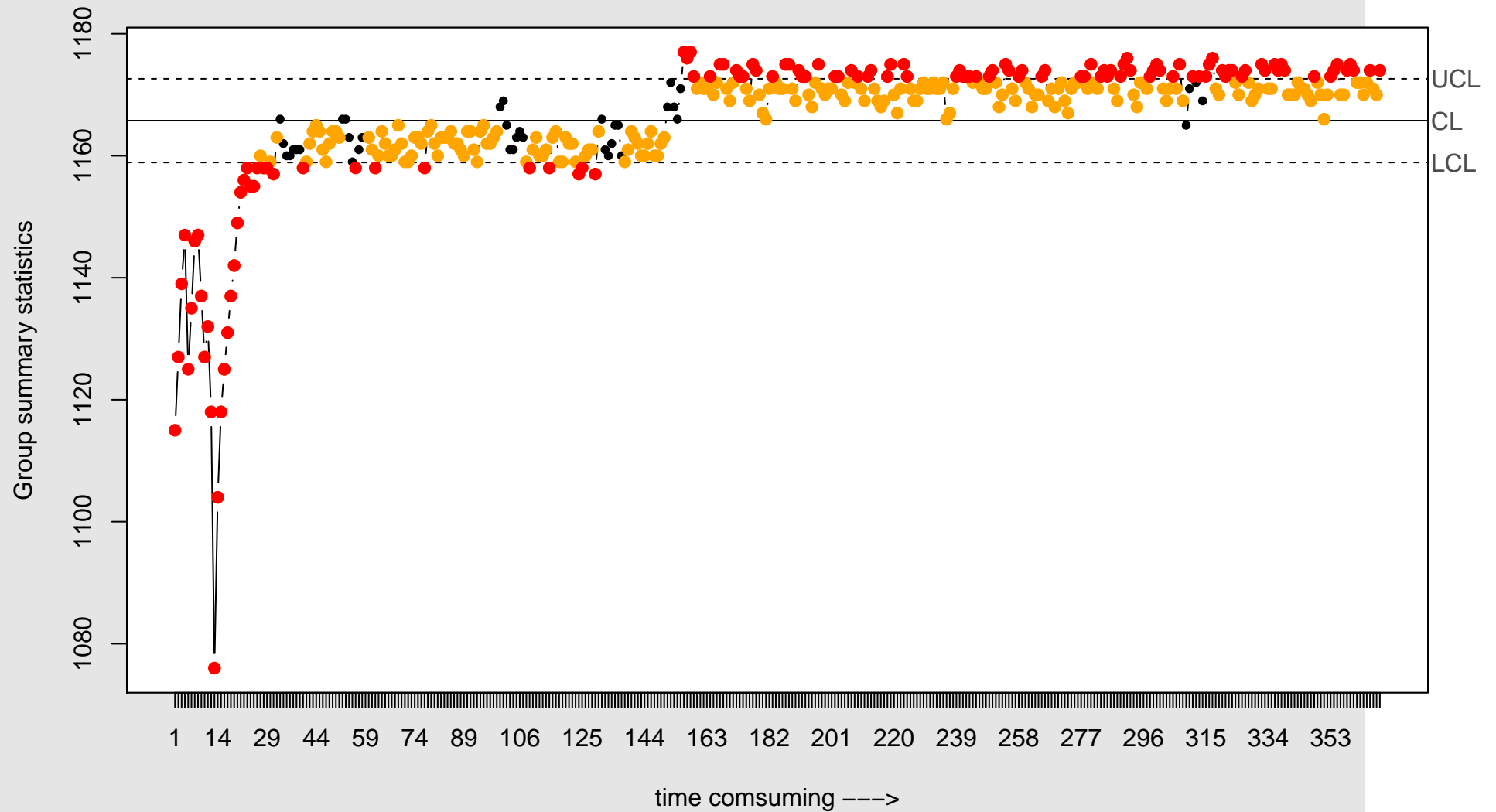
LCL = 1159.055

UCL = 1172.679

Number beyond limits = 140

Number violating runs = 313

208th column point of this product



Number of groups = 368

Center = 1165.755

StdDev = 2.287572

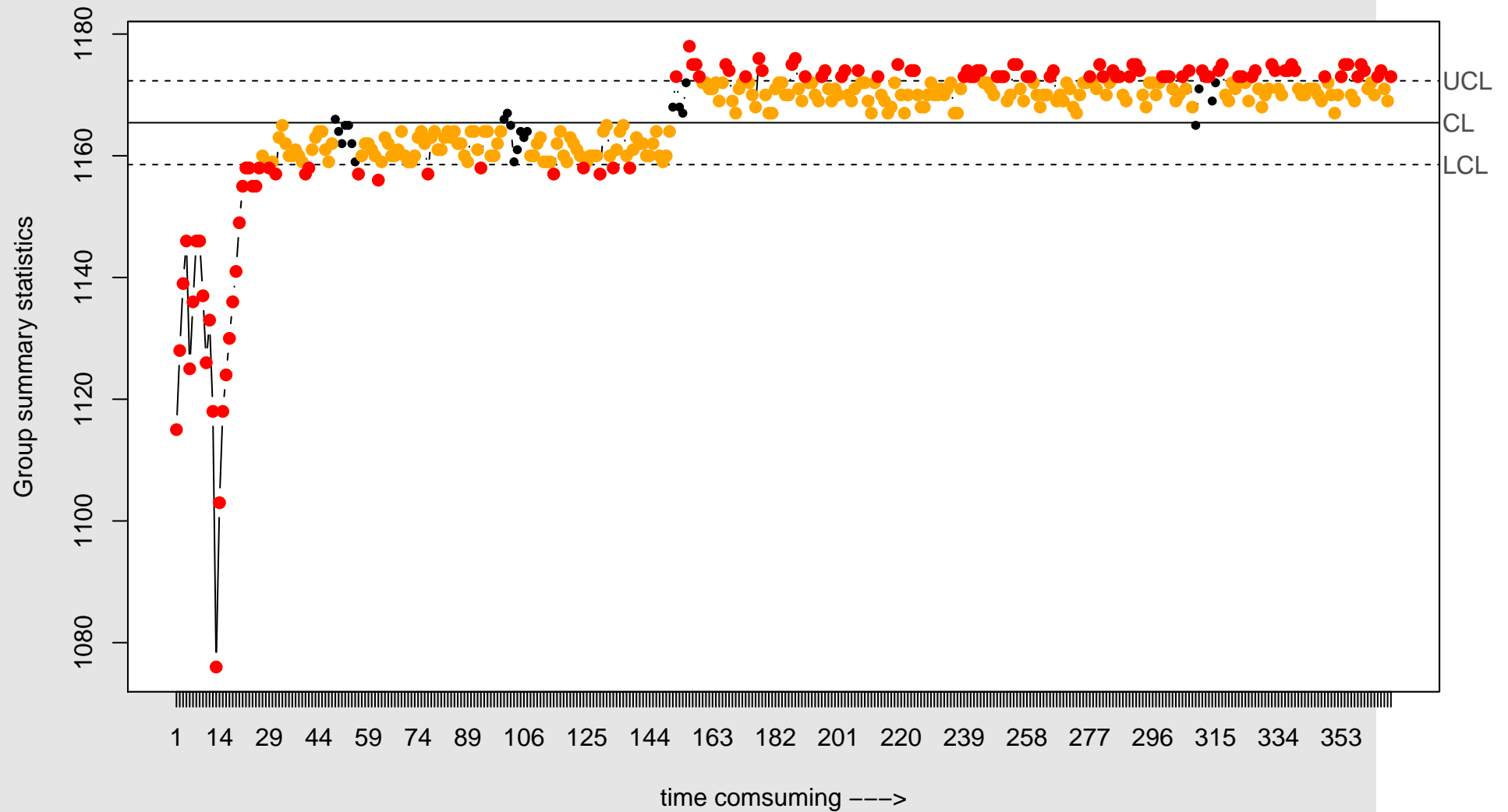
LCL = 1158.893

UCL = 1172.618

Number beyond limits = 124

Number violating runs = 319

209th column point of this product

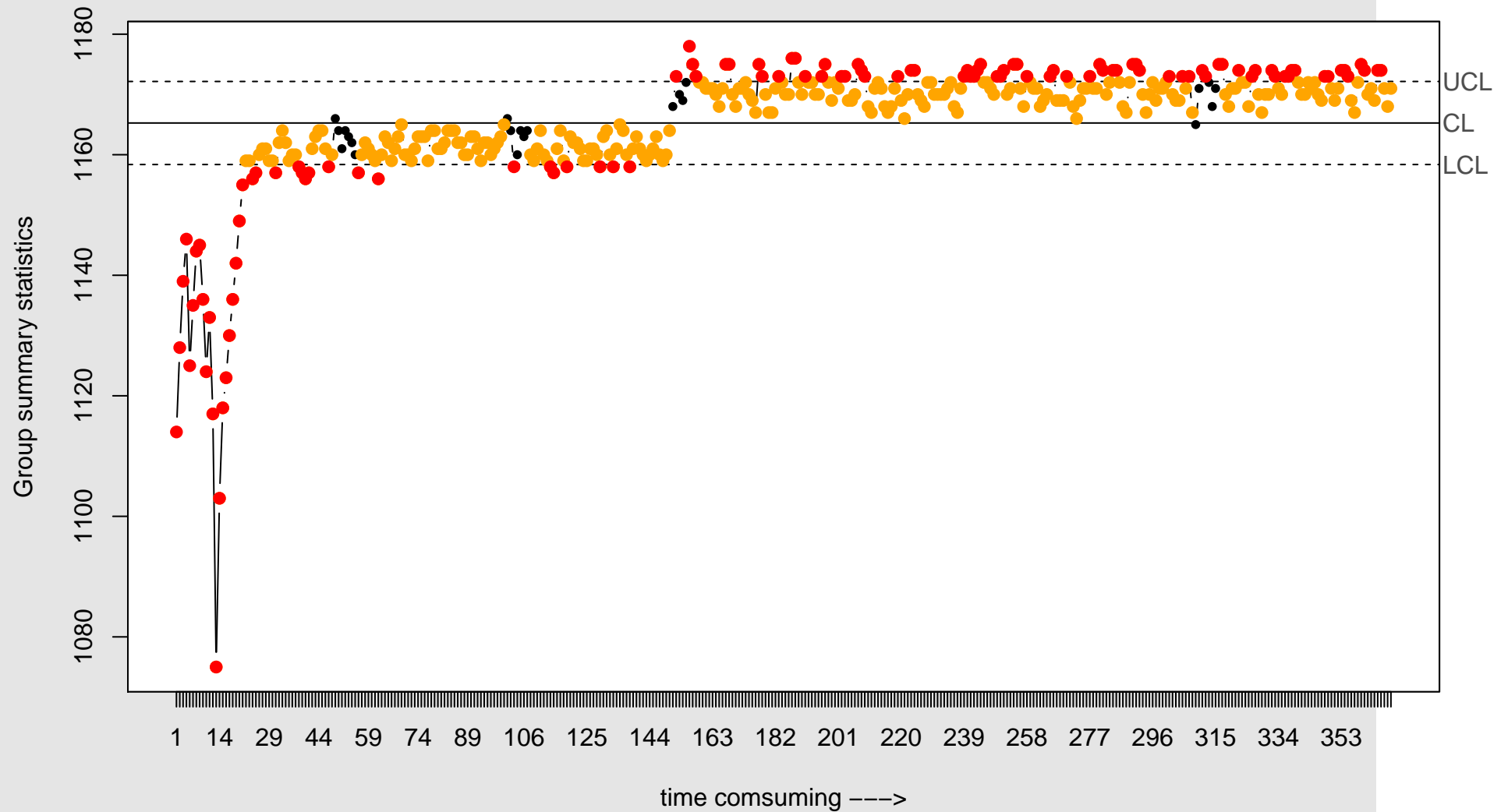


Number of groups = 368
Center = 1165.435
StdDev = 2.294819

LCL = 1158.55
UCL = 1172.319

Number beyond limits = 116
Number violating runs = 334

210th column point of this product



Number of groups = 368

Center = 1165.264

StdDev = 2.297235

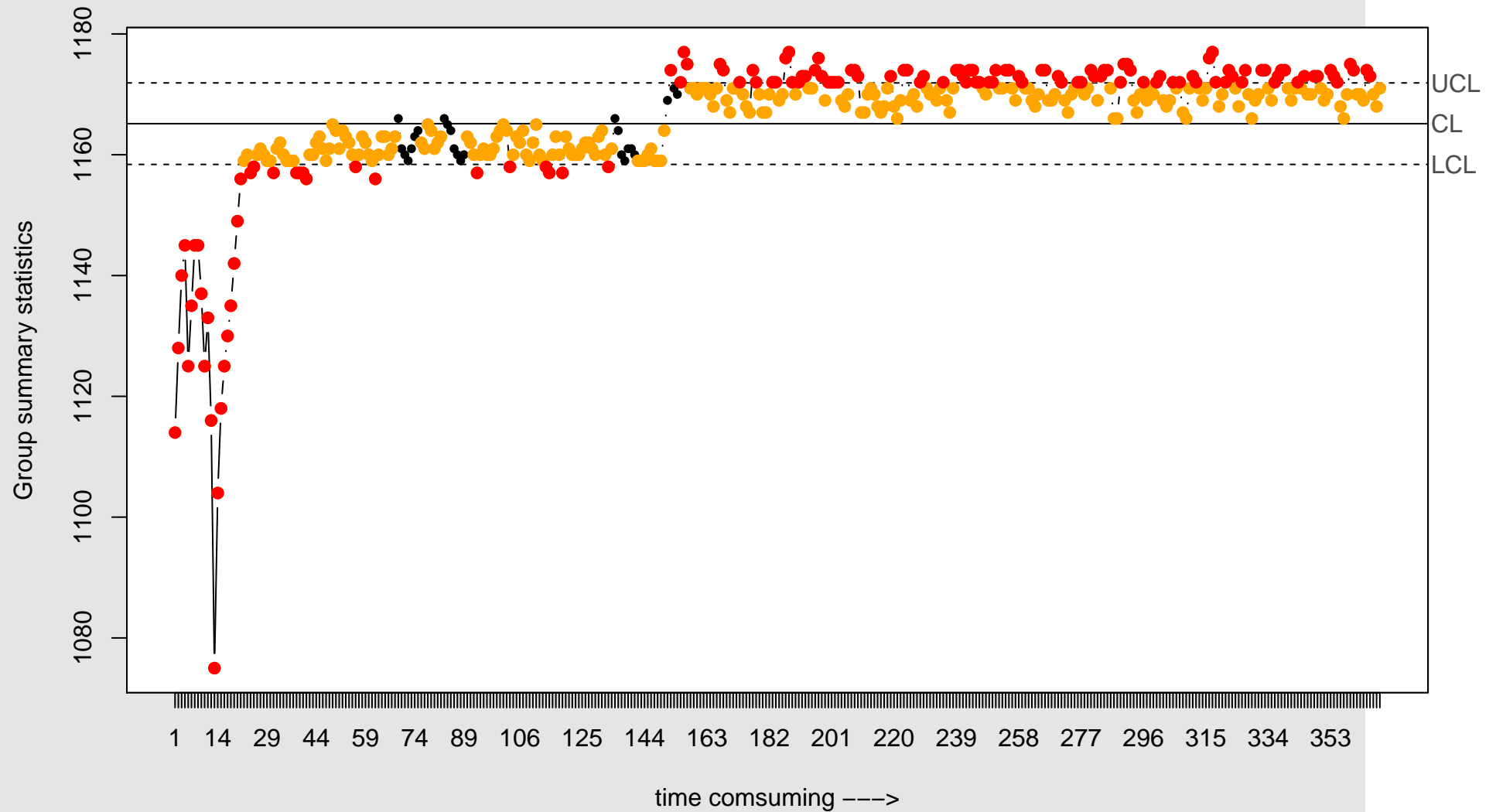
LCL = 1158.372

UCL = 1172.155

Number beyond limits = 108

Number violating runs = 335

211th column point of this product



Number of groups = 368

Center = 1165.144

StdDev = 2.248923

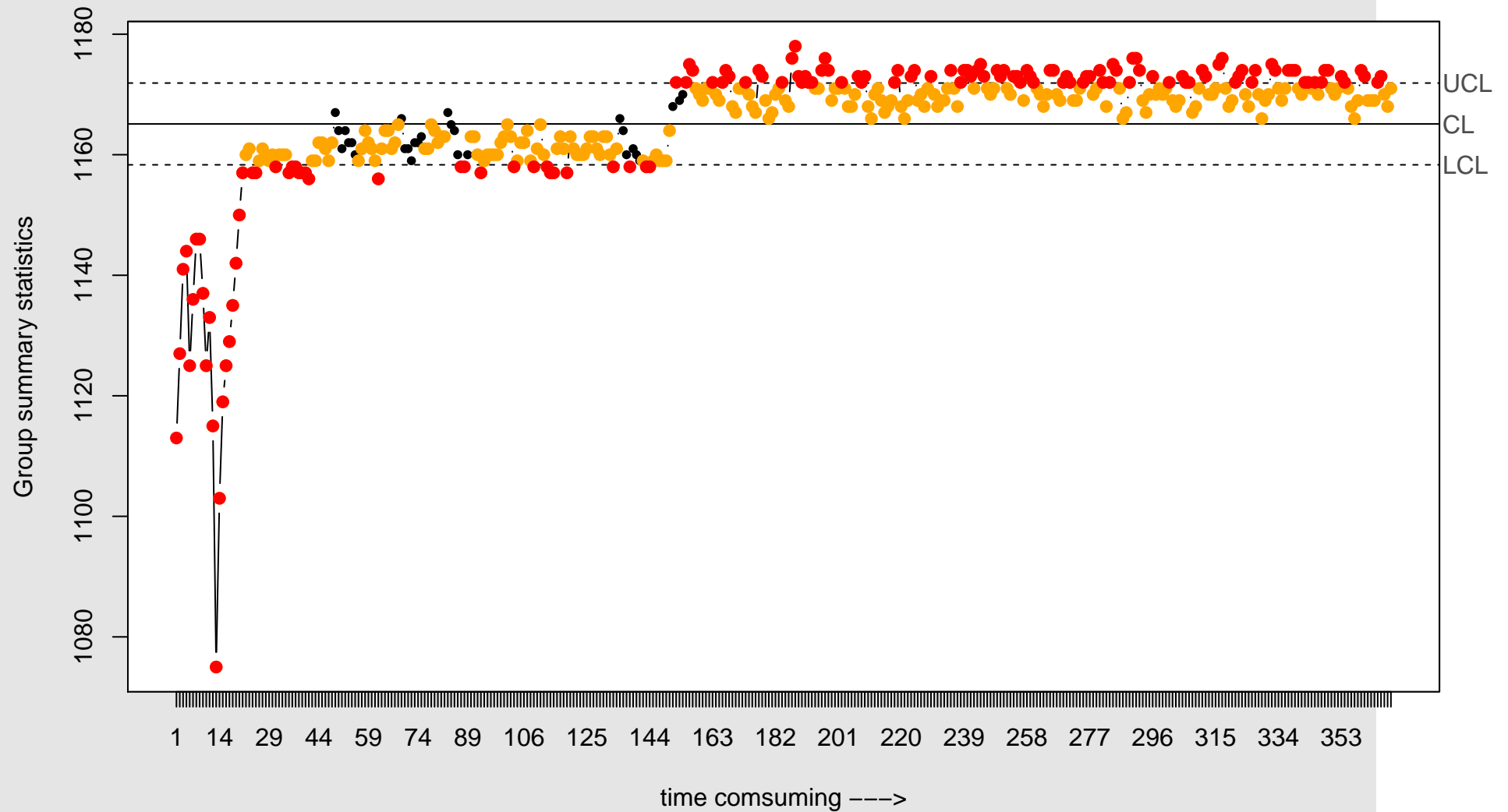
LCL = 1158.397

UCL = 1171.891

Number beyond limits = 131

Number violating runs = 335

212th column point of this product



Number of groups = 368

Center = 1165.109

StdDev = 2.261001

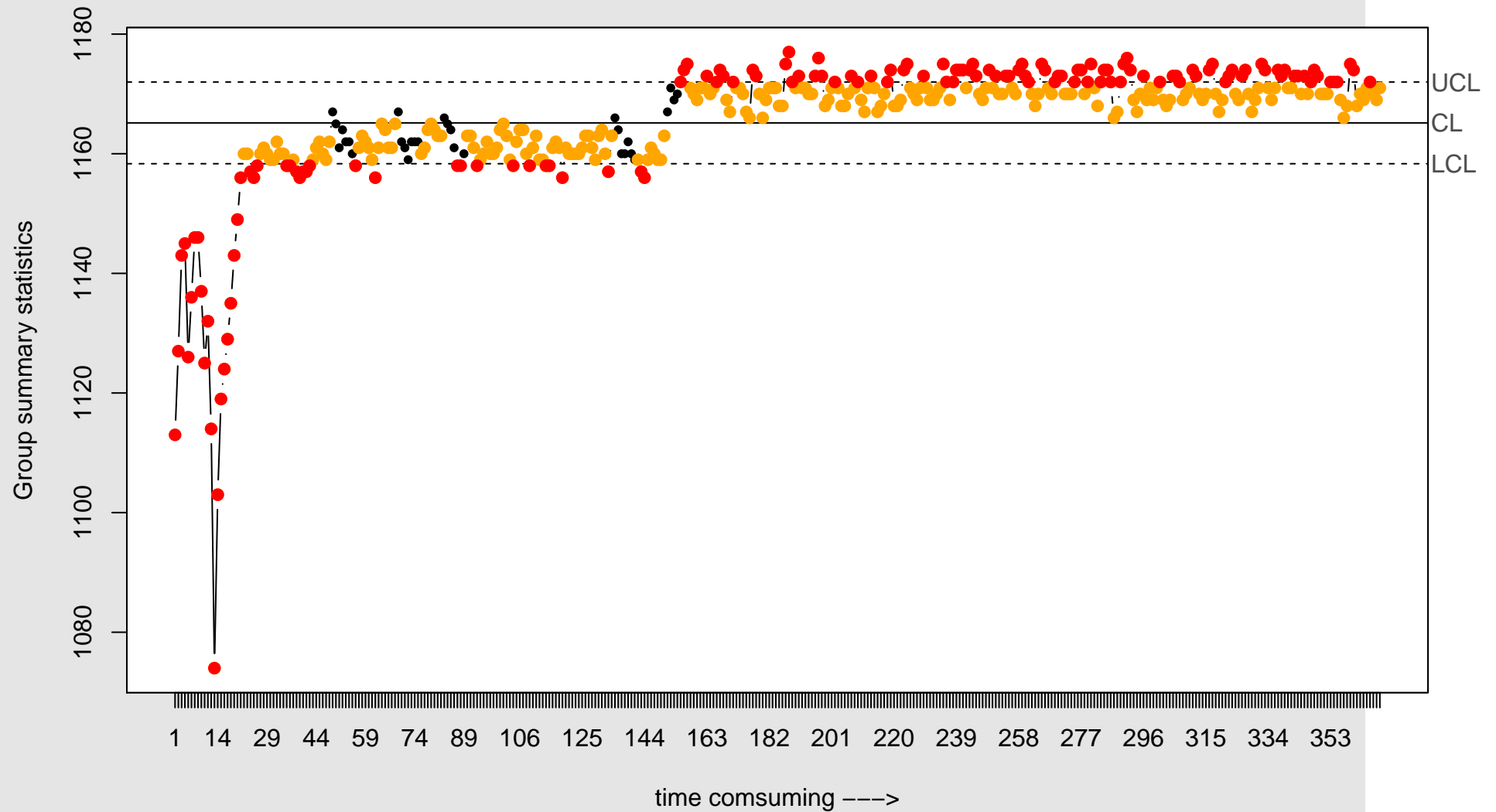
LCL = 1158.326

UCL = 1171.892

Number beyond limits = 141

Number violating runs = 328

213th column point of this product



Number of groups = 368

Center = 1165.158

StdDev = 2.275494

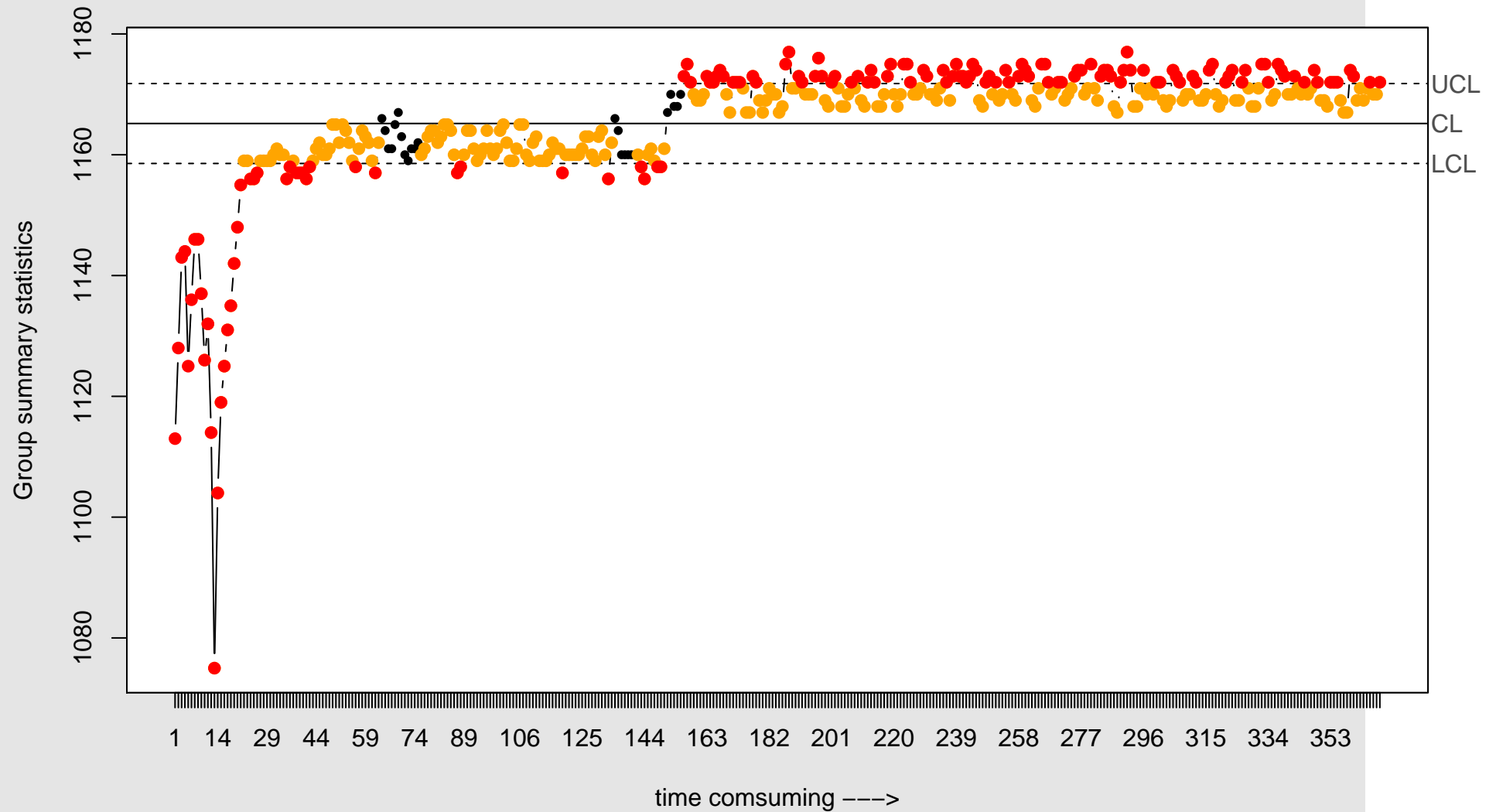
LCL = 1158.331

UCL = 1171.984

Number beyond limits = 136

Number violating runs = 328

214th column point of this product



Number of groups = 368

Center = 1165.171

StdDev = 2.205442

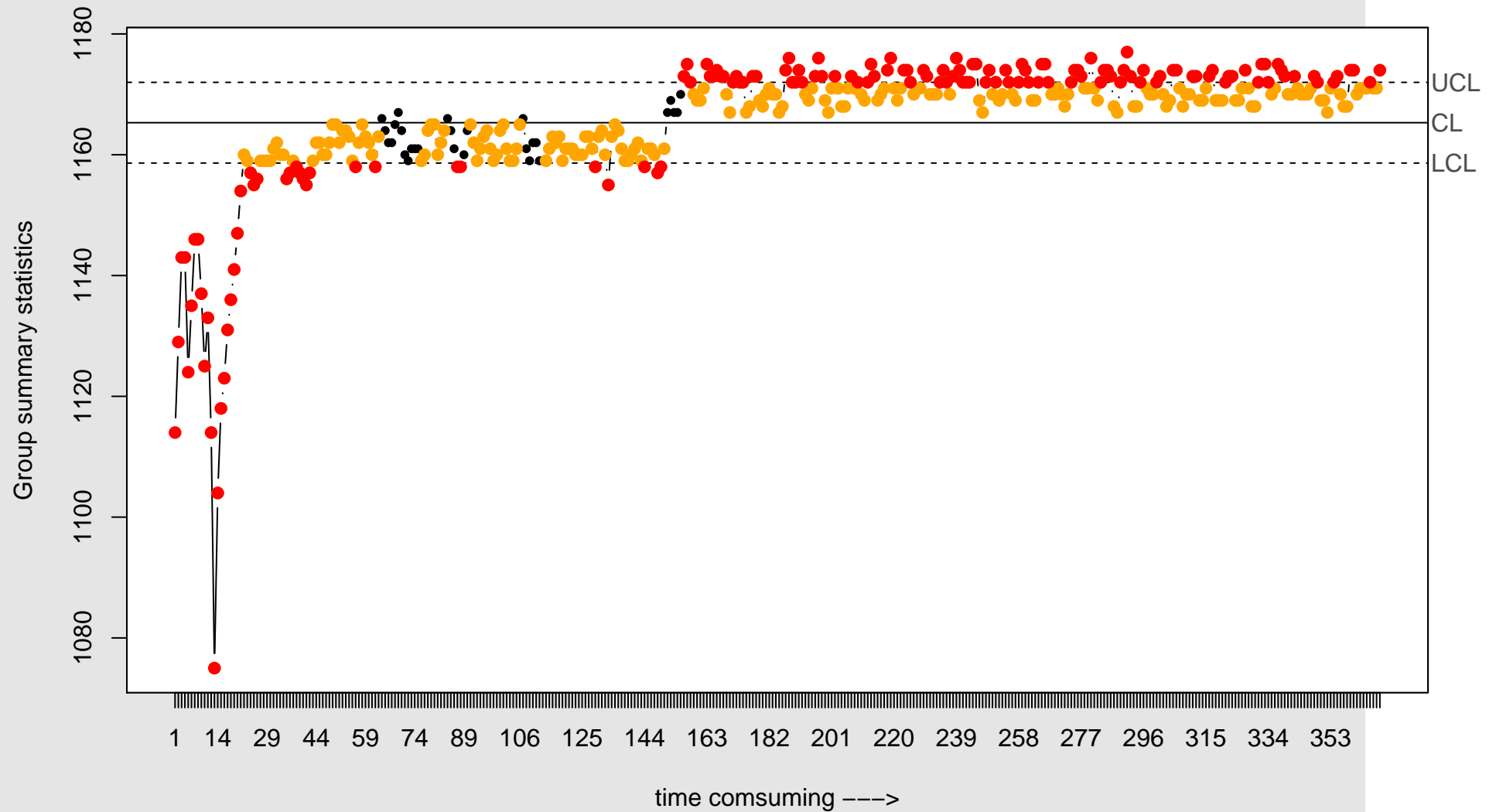
LCL = 1158.555

UCL = 1171.788

Number beyond limits = 144

Number violating runs = 337

215th column point of this product



Number of groups = 368

Center = 1165.304

StdDev = 2.227182

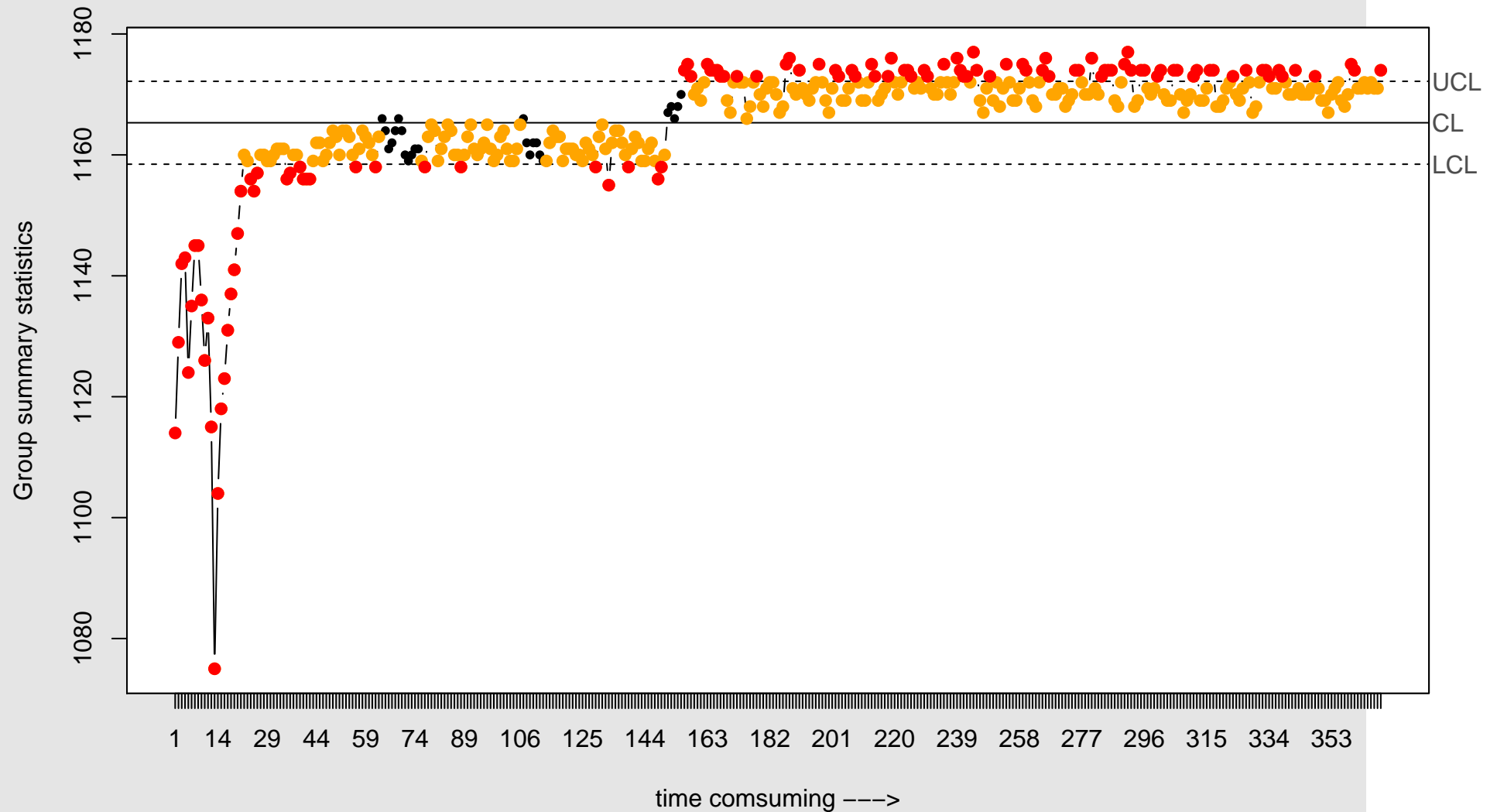
LCL = 1158.623

UCL = 1171.986

Number beyond limits = 144

Number violating runs = 330

216th column point of this product



Number of groups = 368

Center = 1165.315

StdDev = 2.285157

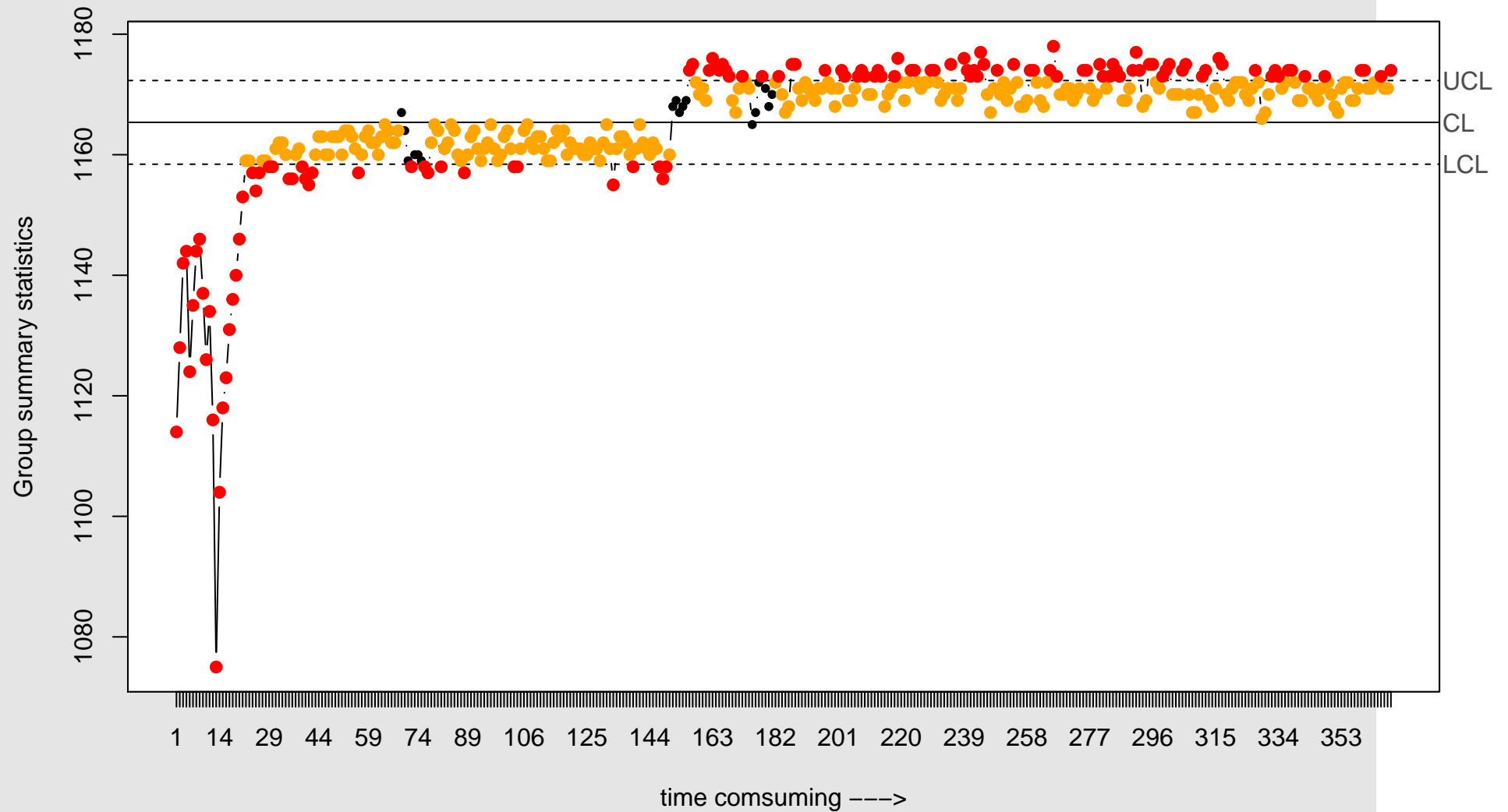
LCL = 1158.46

UCL = 1172.171

Number beyond limits = 113

Number violating runs = 337

217th column point of this product



Number of groups = 368

Center = 1165.367

StdDev = 2.314144

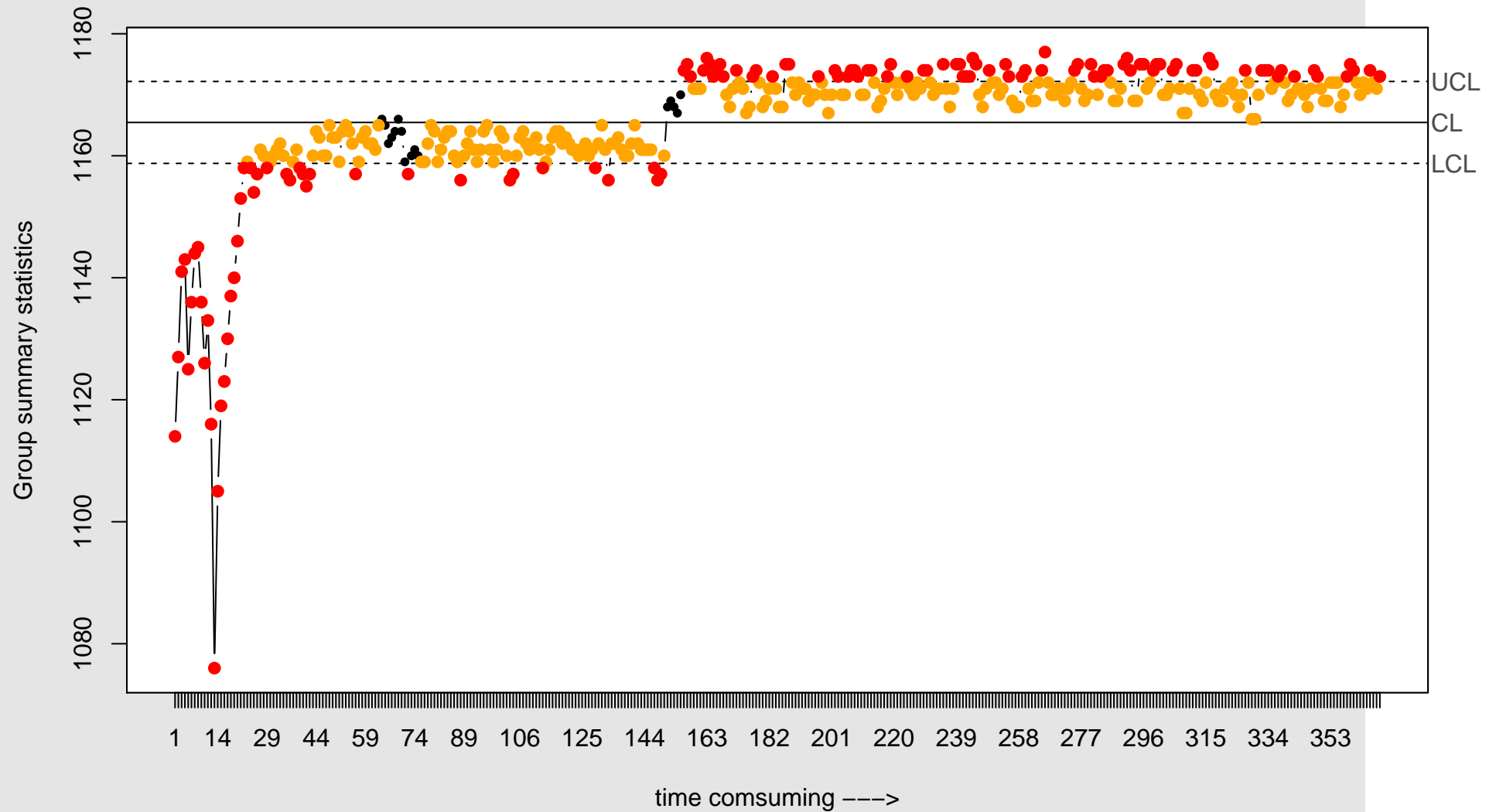
LCL = 1158.424

UCL = 1172.309

Number beyond limits = 123

Number violating runs = 342

218th column point of this product



Number of groups = 368

Center = 1165.462

StdDev = 2.23926

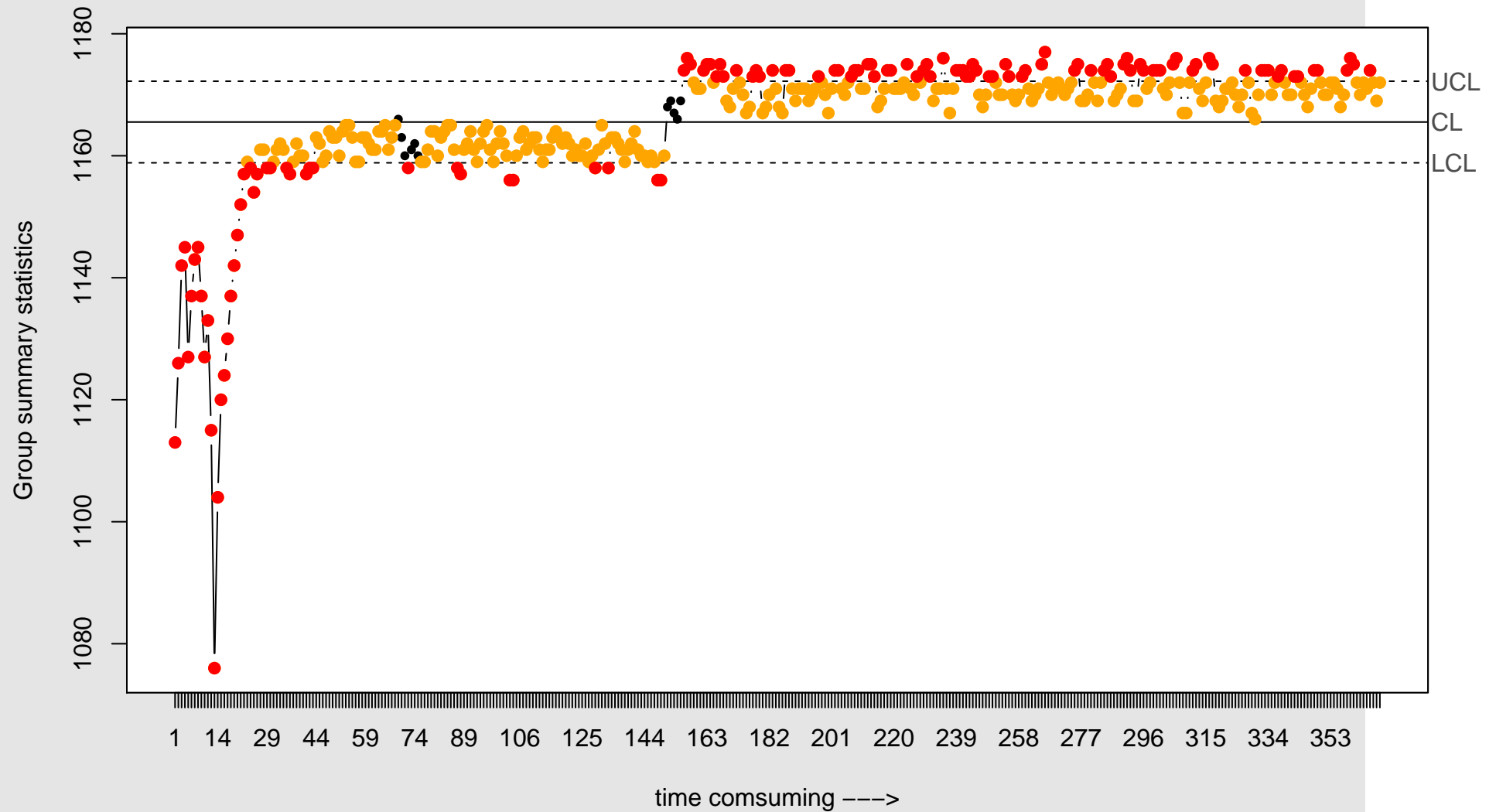
LCL = 1158.744

UCL = 1172.18

Number beyond limits = 123

Number violating runs = 344

219th column point of this product



Number of groups = 368

Center = 1165.533

StdDev = 2.229598

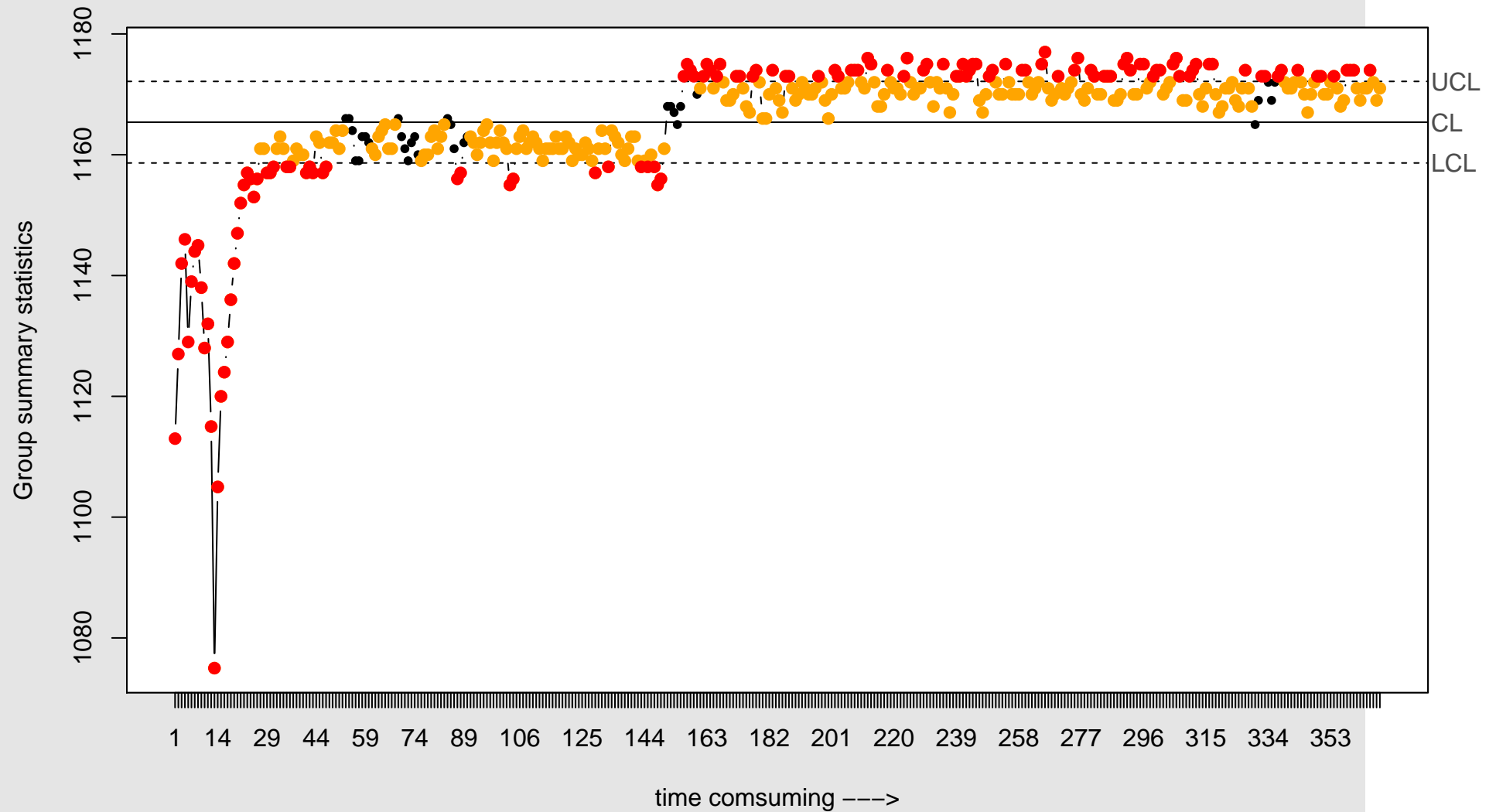
LCL = 1158.844

UCL = 1172.221

Number beyond limits = 123

Number violating runs = 349

220th column point of this product



Number of groups = 368

Center = 1165.389

StdDev = 2.251338

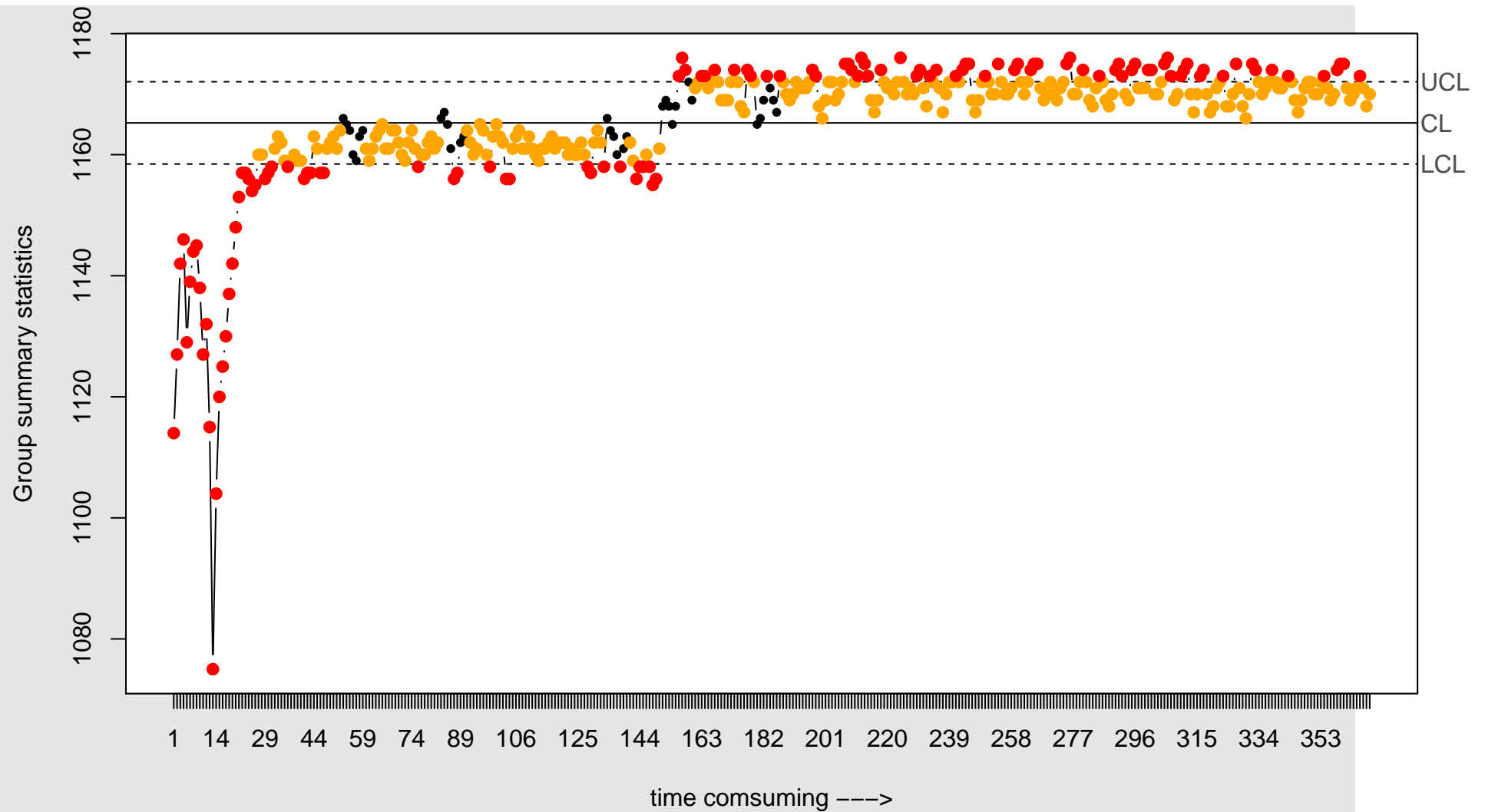
LCL = 1158.635

UCL = 1172.143

Number beyond limits = 128

Number violating runs = 323

221th column point of this product



Number of groups = 368

Center = 1165.25

StdDev = 2.265832

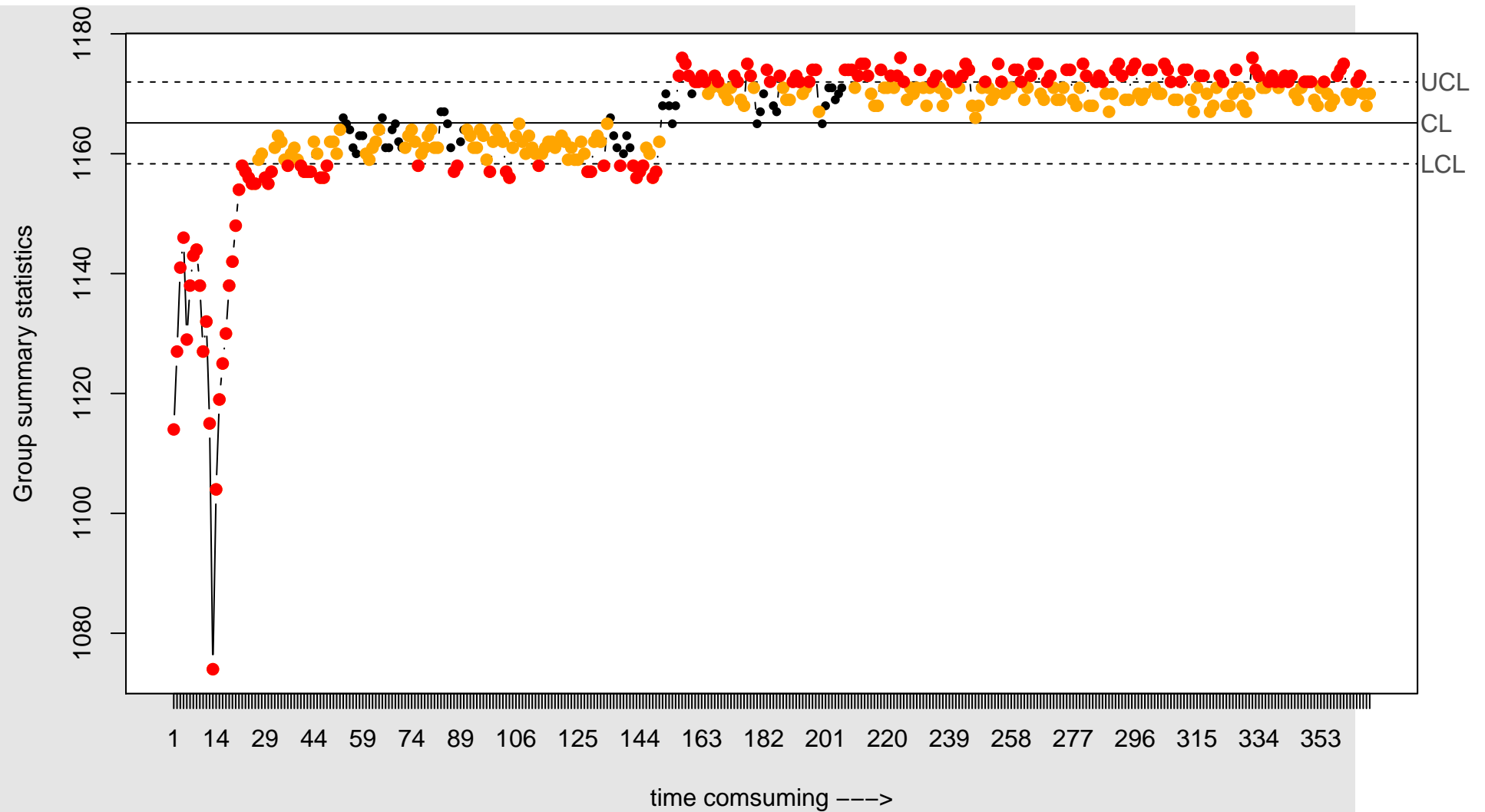
LCL = 1158.453

UCL = 1172.047

Number beyond limits = 118

Number violating runs = 323

222th column point of this product



Number of groups = 368

Center = 1165.141

StdDev = 2.275494

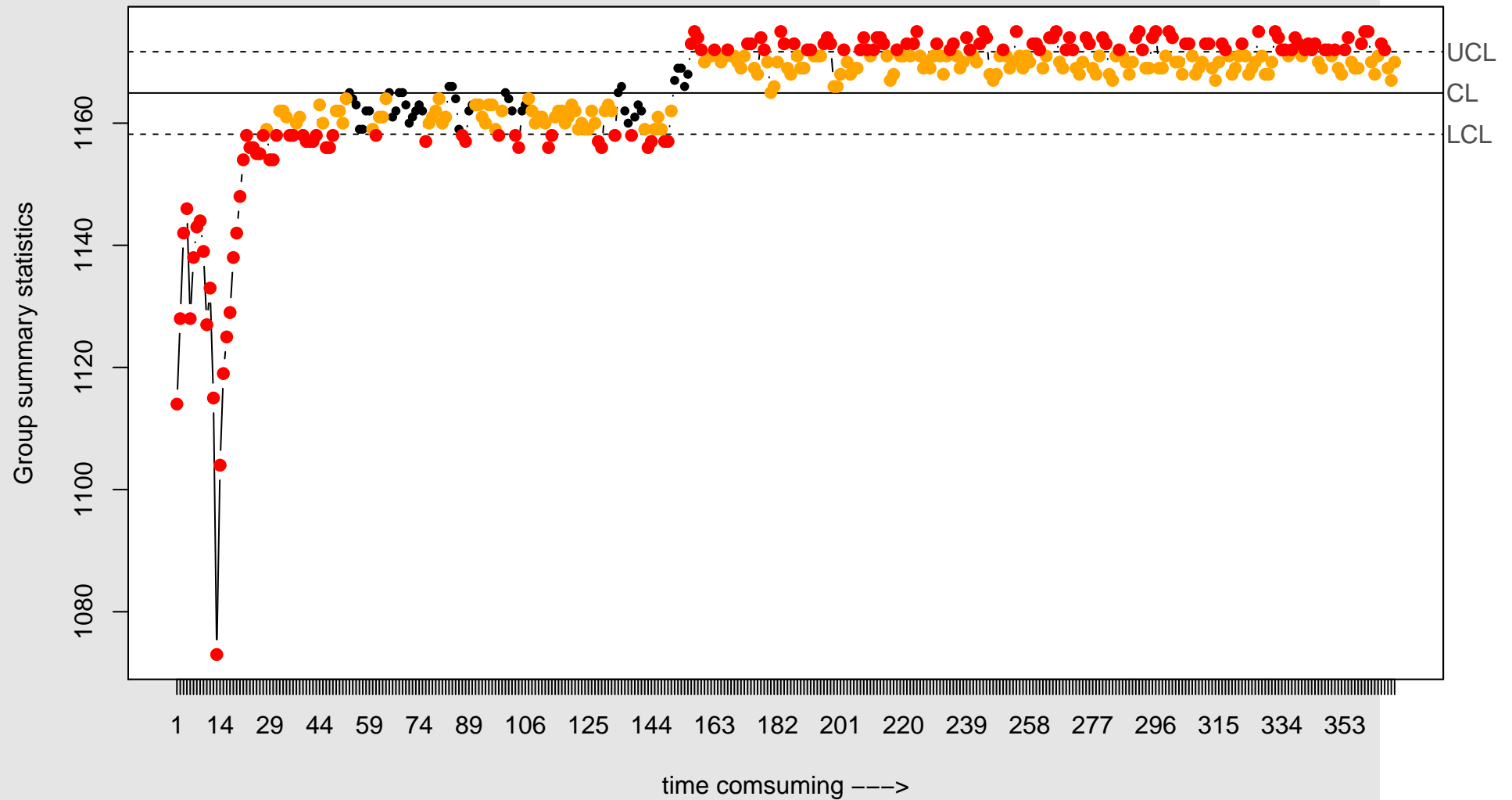
LCL = 1158.315

UCL = 1171.968

Number beyond limits = 153

Number violating runs = 309

223th column point of this product



Number of groups = 368

Center = 1164.938

StdDev = 2.251338

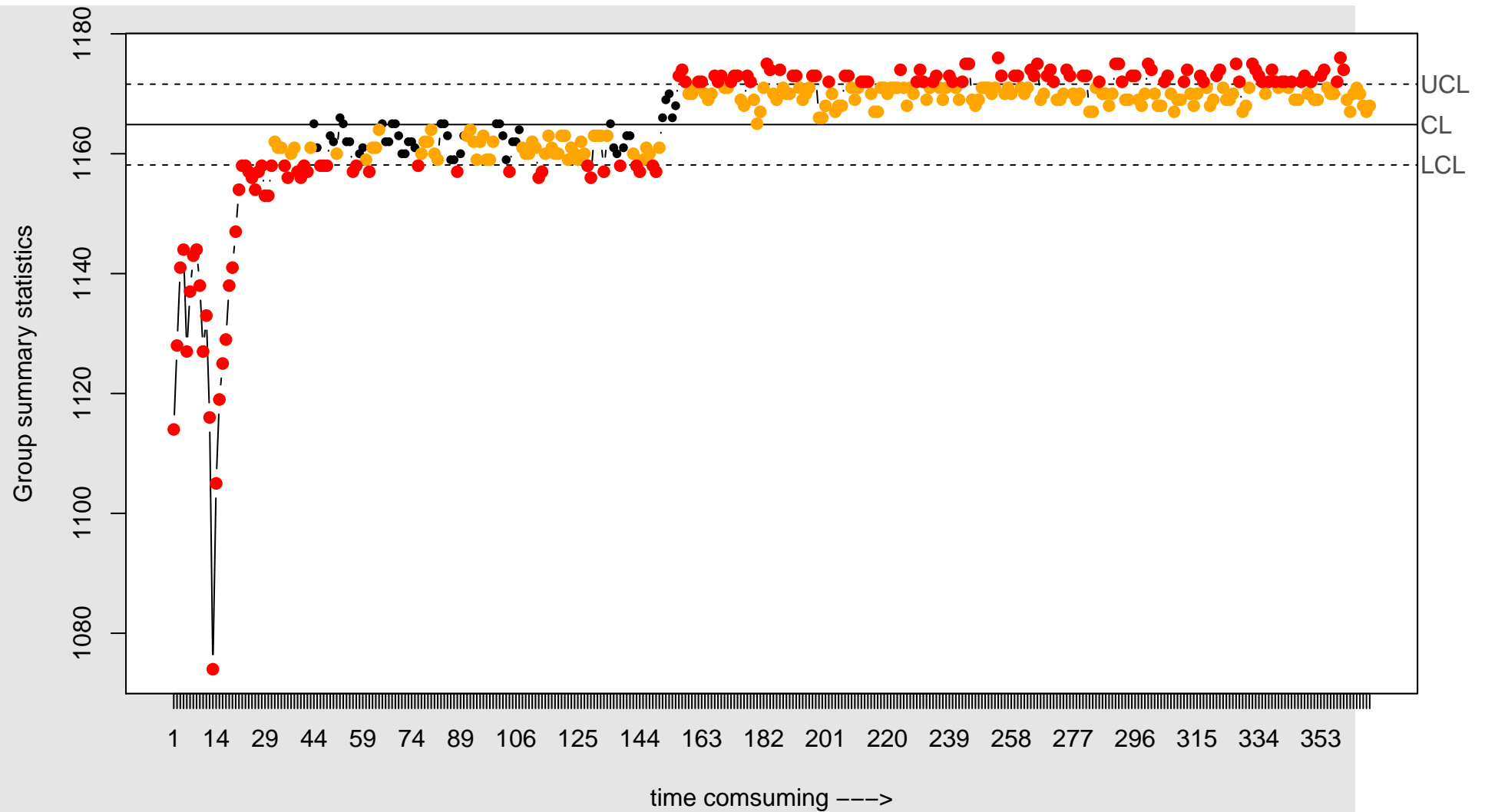
LCL = 1158.183

UCL = 1171.692

Number beyond limits = 147

Number violating runs = 315

224th column point of this product



Number of groups = 368

Center = 1164.864

StdDev = 2.246507

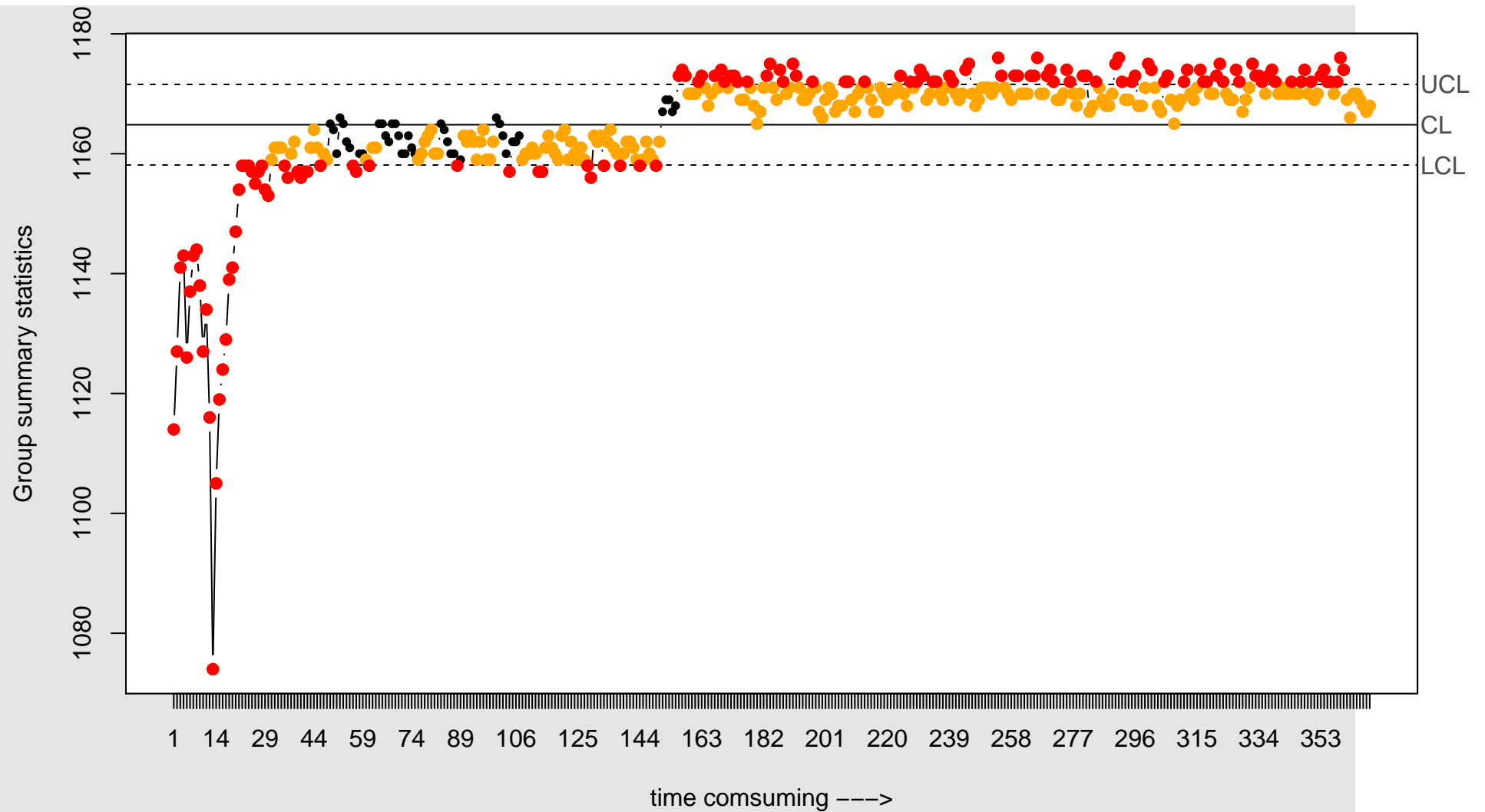
LCL = 1158.125

UCL = 1171.604

Number beyond limits = 143

Number violating runs = 307

225th column point of this product



Number of groups = 368

Center = 1164.837

StdDev = 2.241676

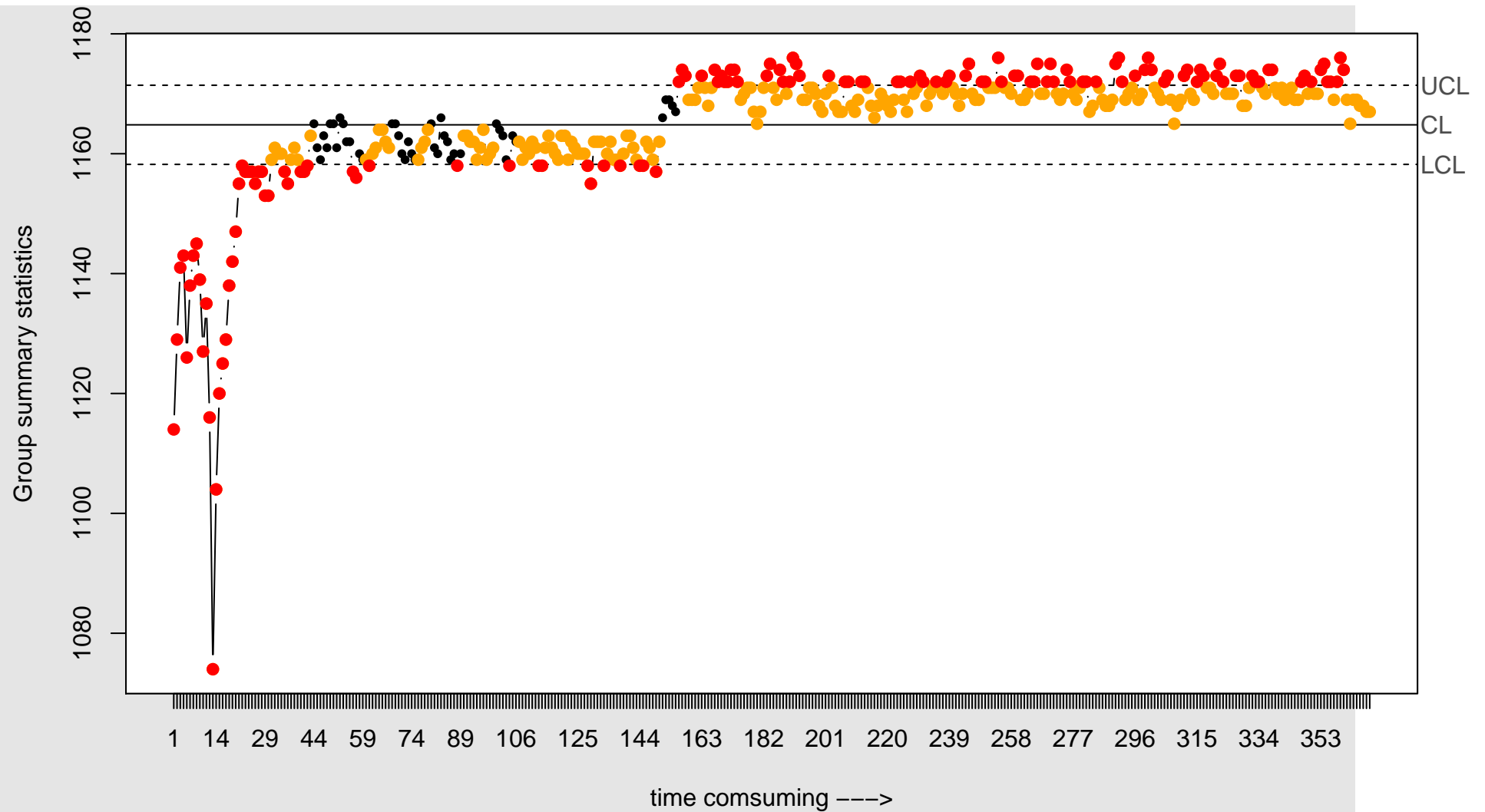
LCL = 1158.112

UCL = 1171.562

Number beyond limits = 135

Number violating runs = 318

226th column point of this product

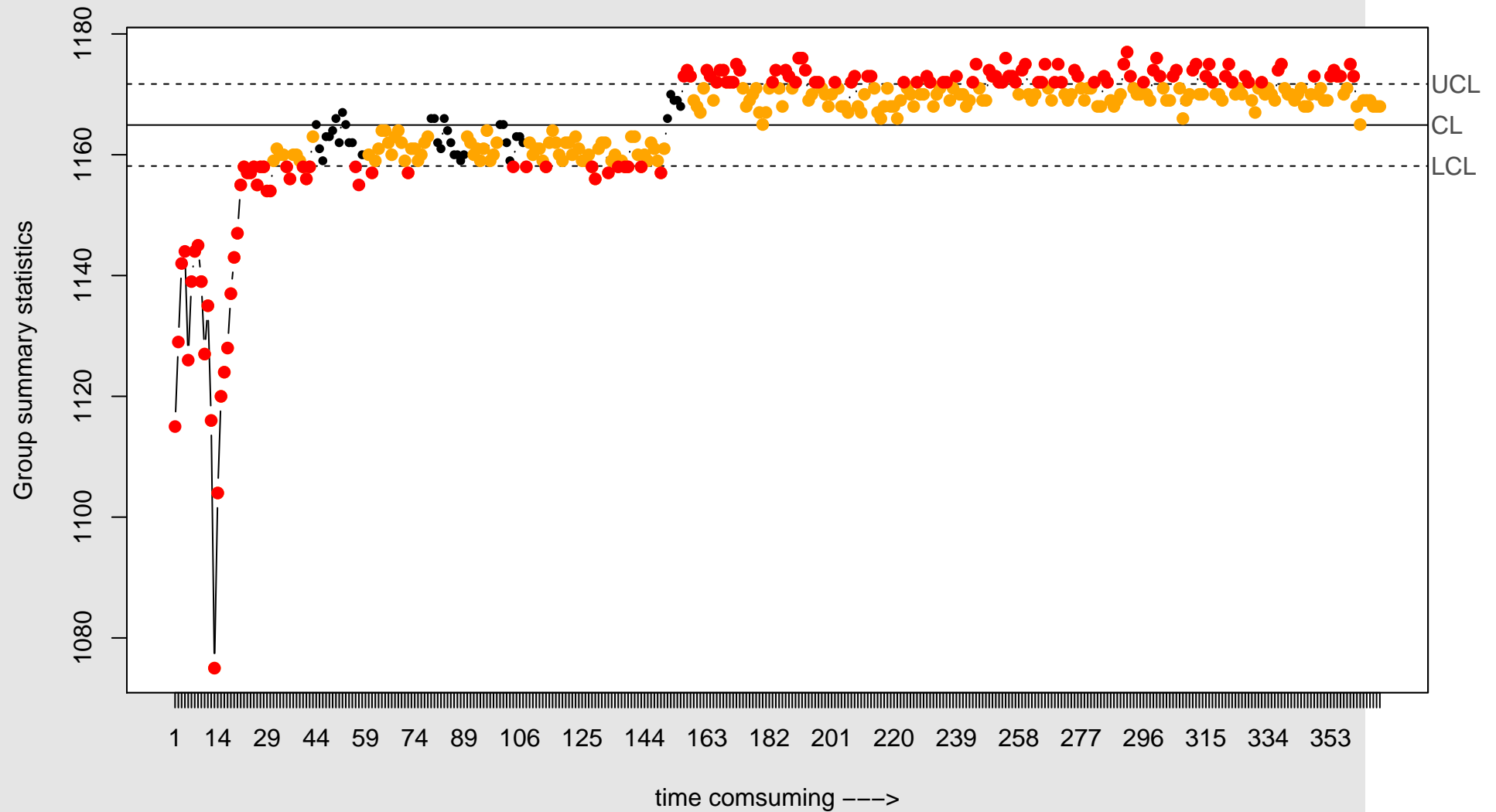


Number of groups = 368
Center = 1164.821
StdDev = 2.200611

LCL = 1158.219
UCL = 1171.422

Number beyond limits = 135
Number violating runs = 315

227th column point of this product



Number of groups = 368

Center = 1164.921

StdDev = 2.263416

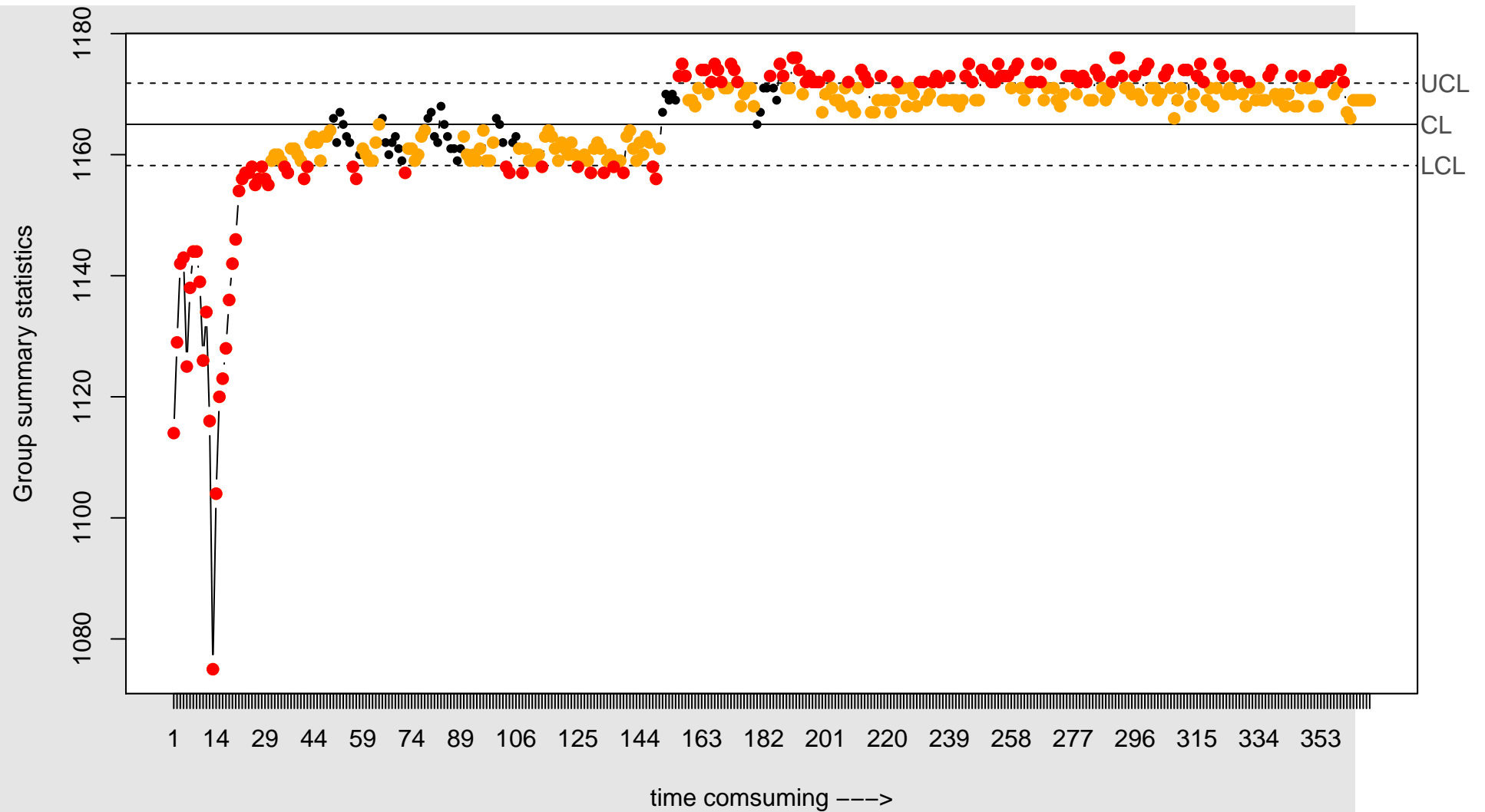
LCL = 1158.131

UCL = 1171.711

Number beyond limits = 138

Number violating runs = 321

228th column point of this product

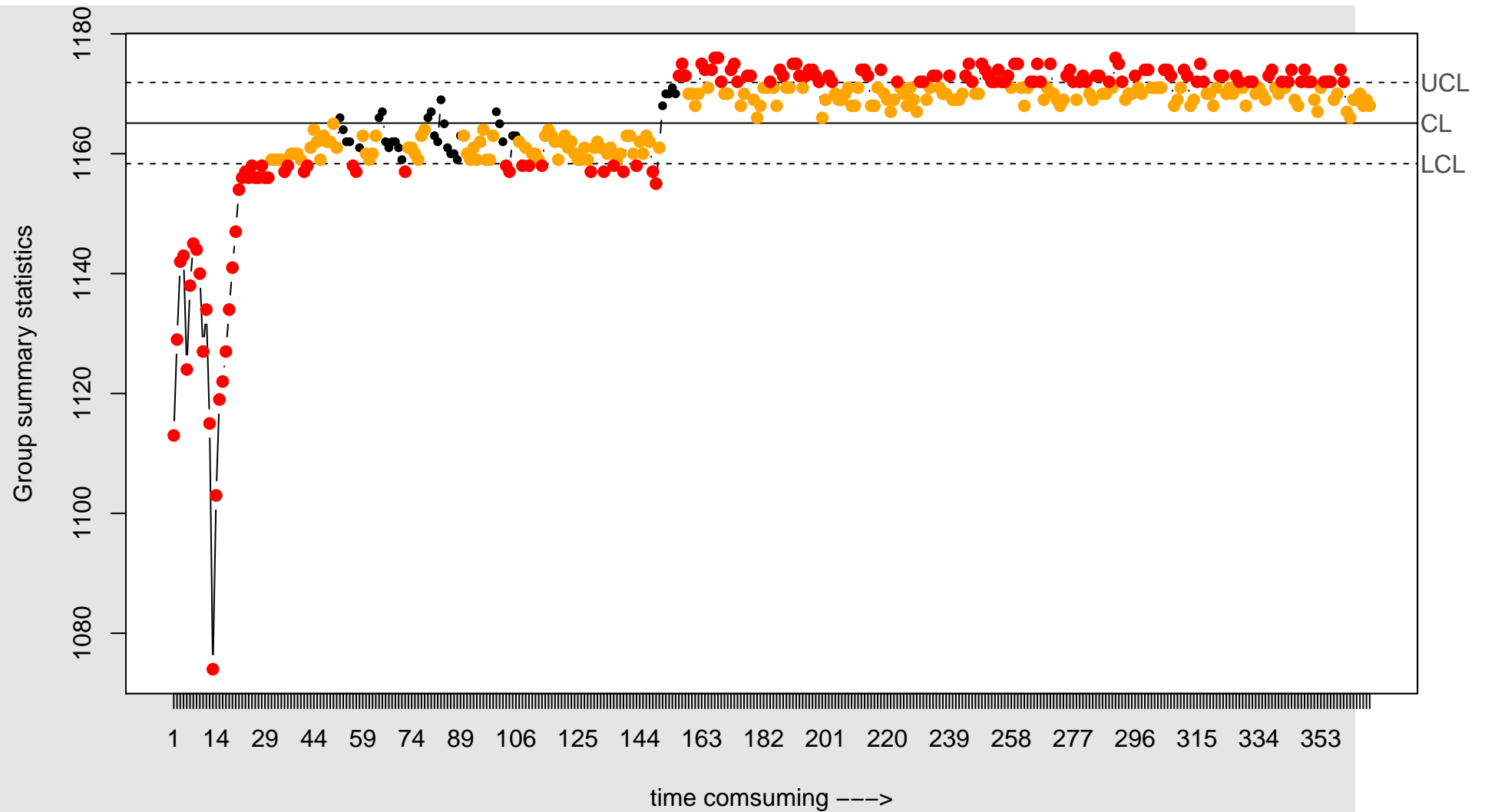


Number of groups = 368
Center = 1165.008
StdDev = 2.268247

LCL = 1158.203
UCL = 1171.813

Number beyond limits = 140
Number violating runs = 315

229th column point of this product

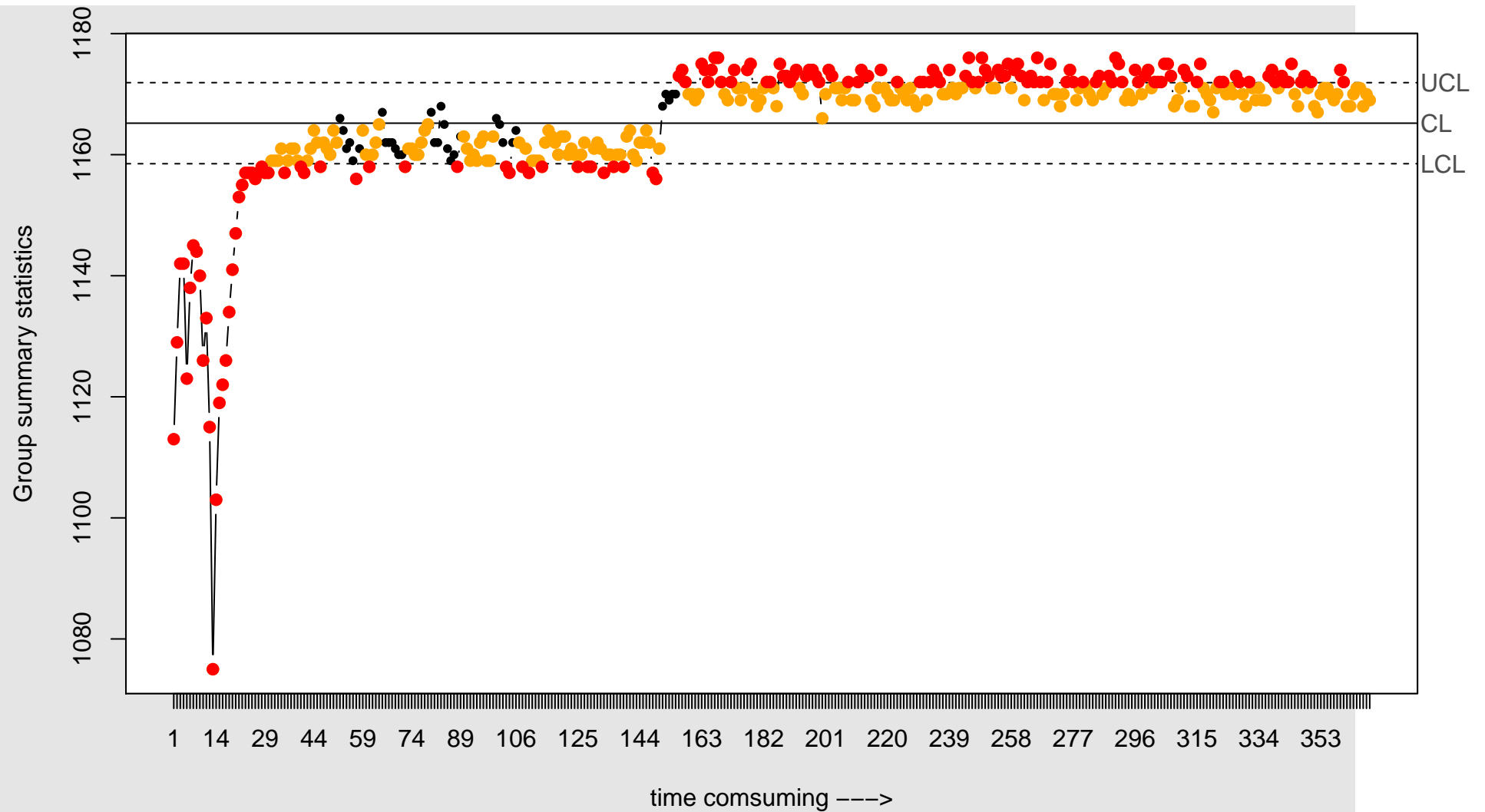


Number of groups = 368
Center = 1165.109
StdDev = 2.258585

LCL = 1158.333
UCL = 1171.884

Number beyond limits = 148
Number violating runs = 323

230th column point of this product



Number of groups = 368

Center = 1165.201

StdDev = 2.232013

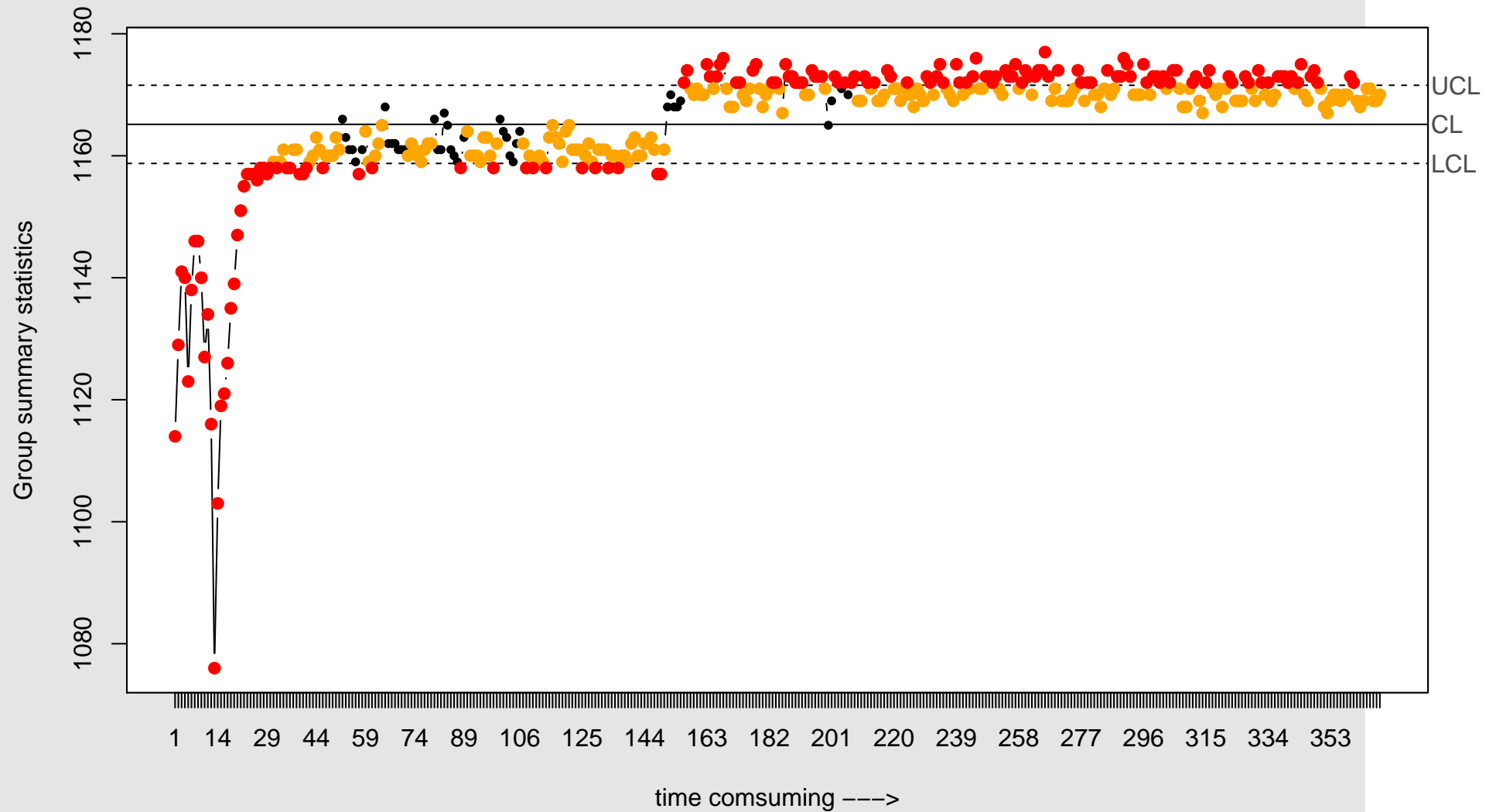
LCL = 1158.505

UCL = 1171.897

Number beyond limits = 157

Number violating runs = 325

231th column point of this product



Number of groups = 368

Center = 1165.149

StdDev = 2.135389

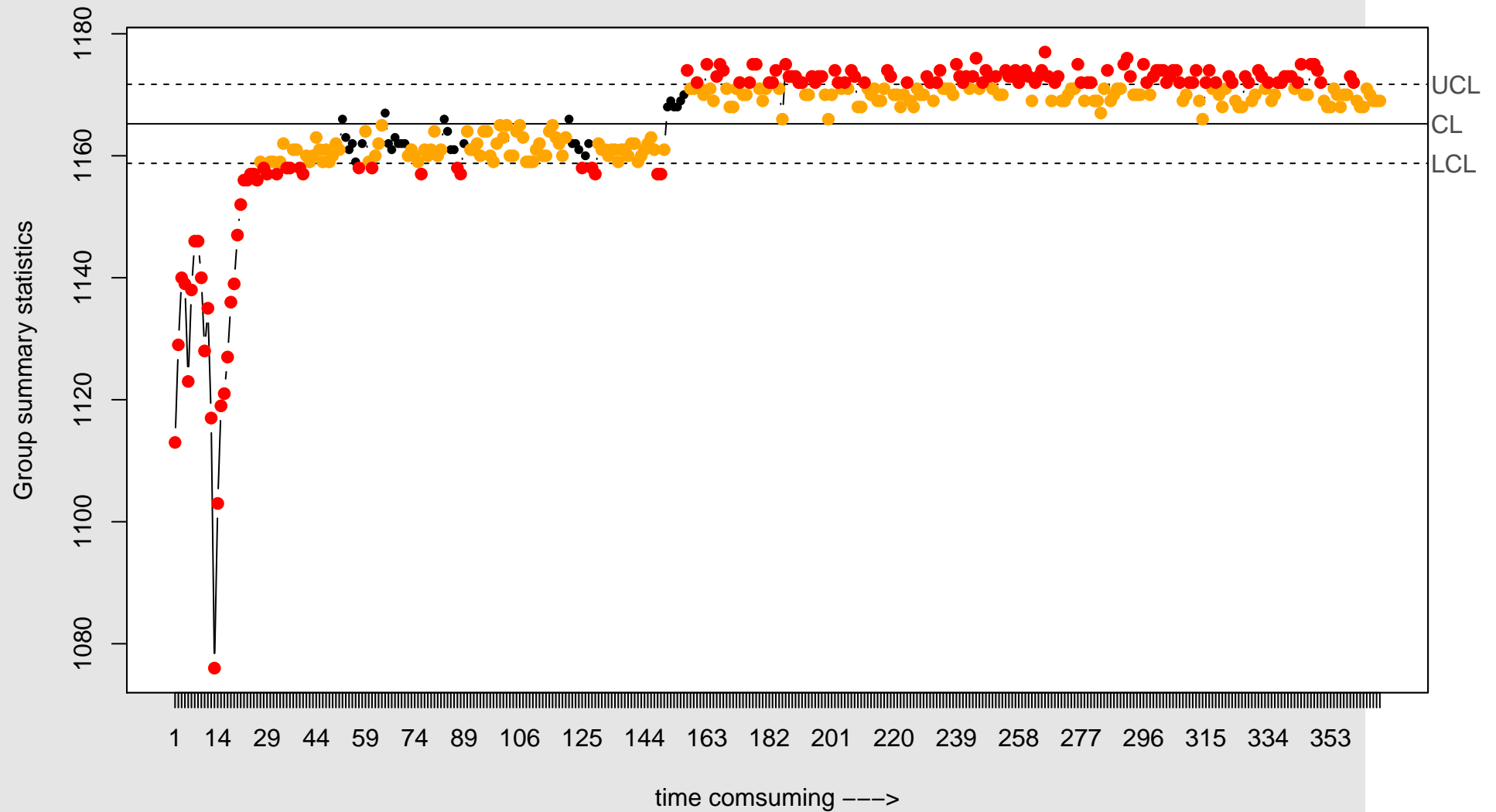
LCL = 1158.743

UCL = 1171.556

Number beyond limits = 153

Number violating runs = 318

232th column point of this product



Number of groups = 368

Center = 1165.234

StdDev = 2.159545

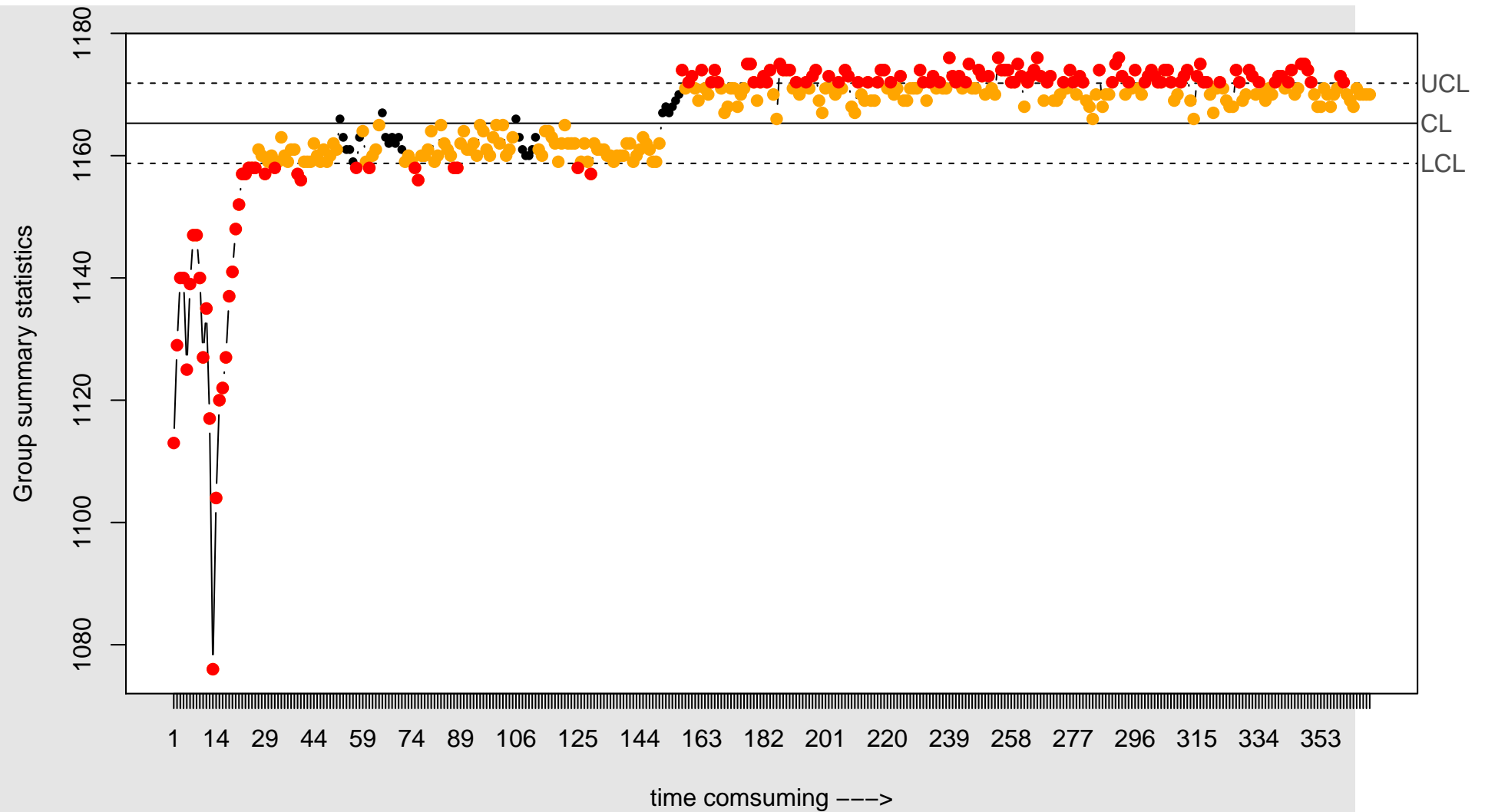
LCL = 1158.755

UCL = 1171.712

Number beyond limits = 149

Number violating runs = 328

233th column point of this product

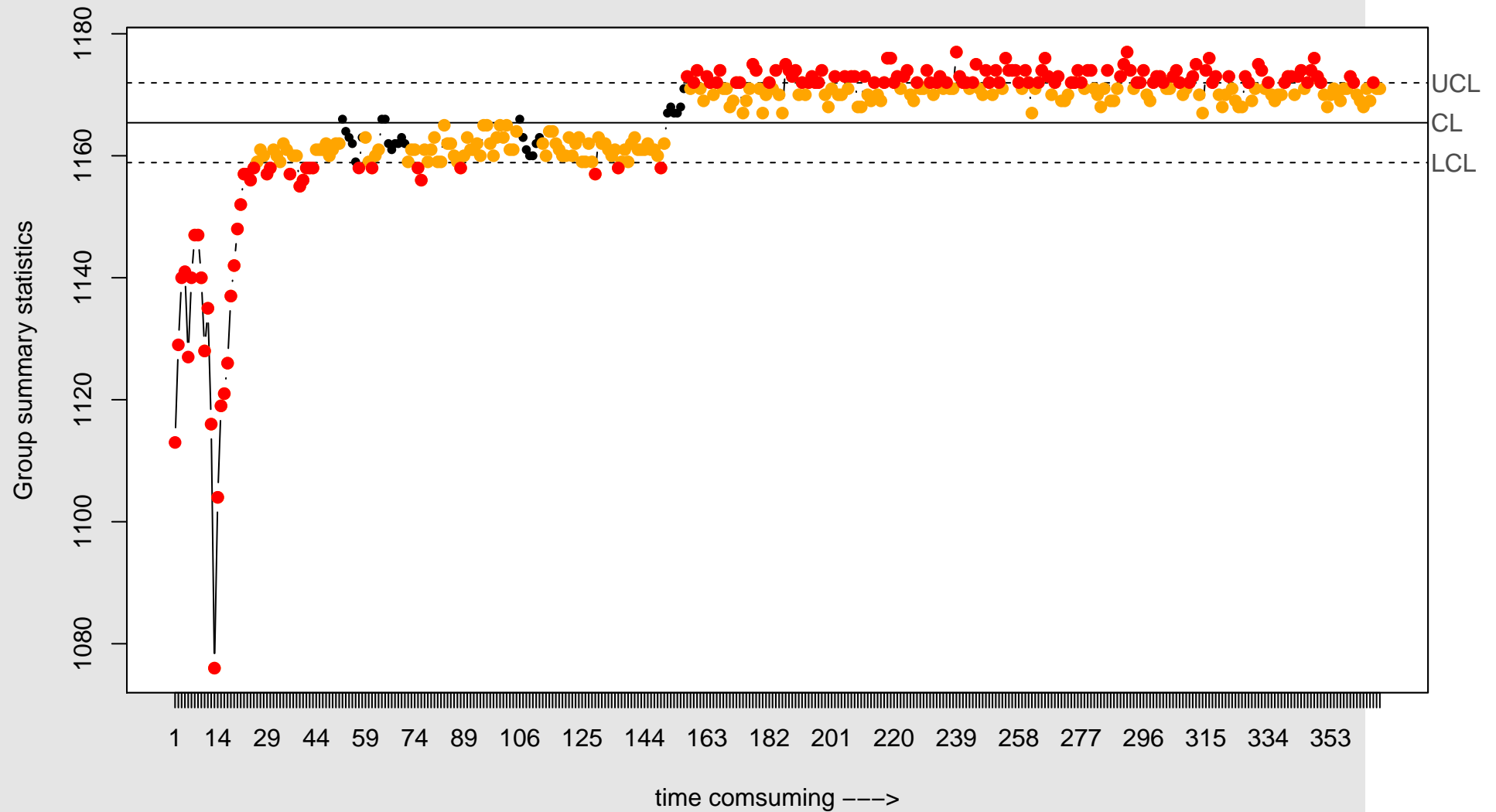


Number of groups = 368
Center = 1165.296
StdDev = 2.186117

LCL = 1158.738
UCL = 1171.855

Number beyond limits = 145
Number violating runs = 335

234th column point of this product

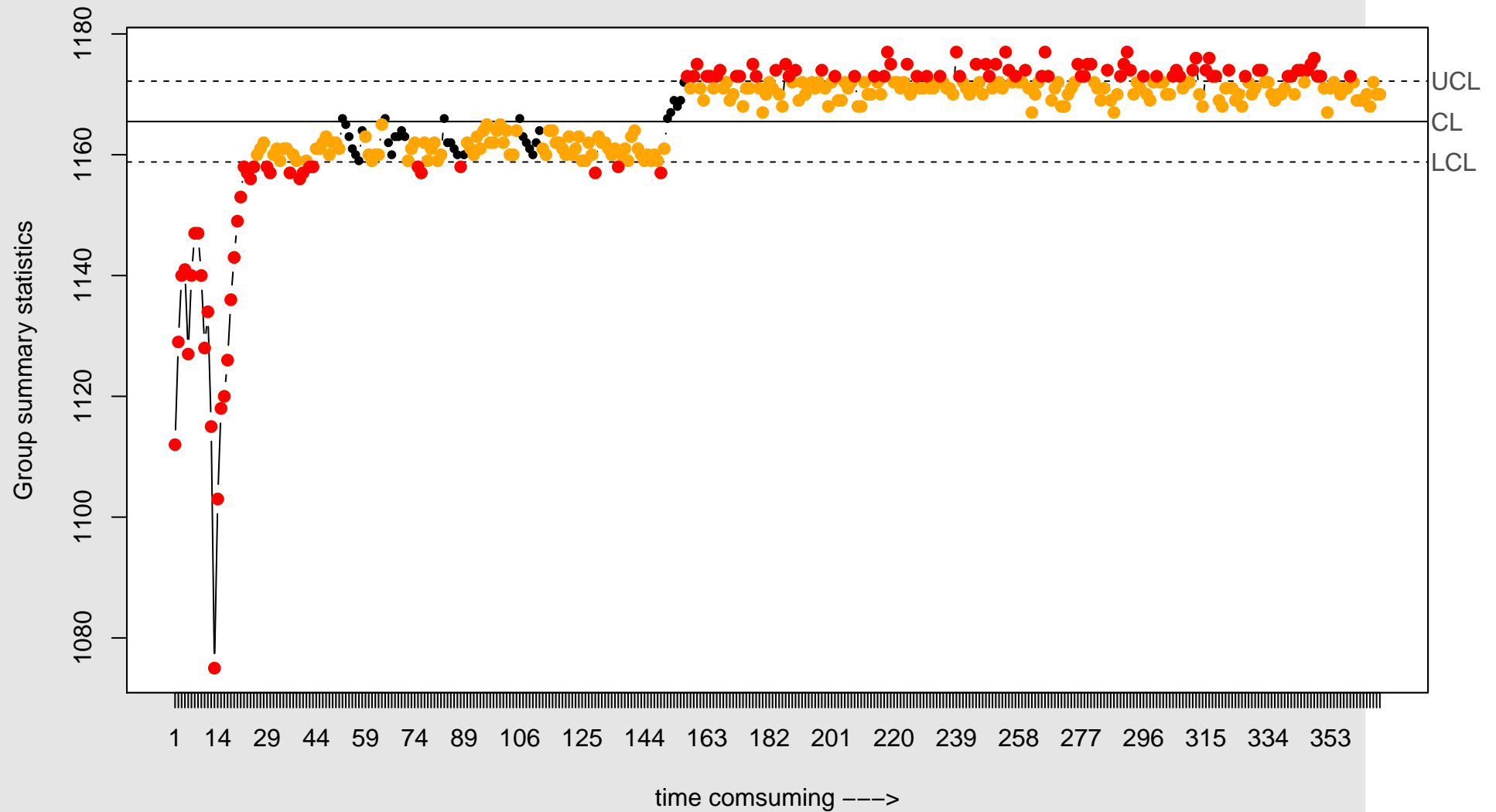


Number of groups = 368
Center = 1165.413
StdDev = 2.17887

LCL = 1158.876
UCL = 1171.95

Number beyond limits = 153
Number violating runs = 334

235th column point of this product



Number of groups = 368

Center = 1165.495

StdDev = 2.232013

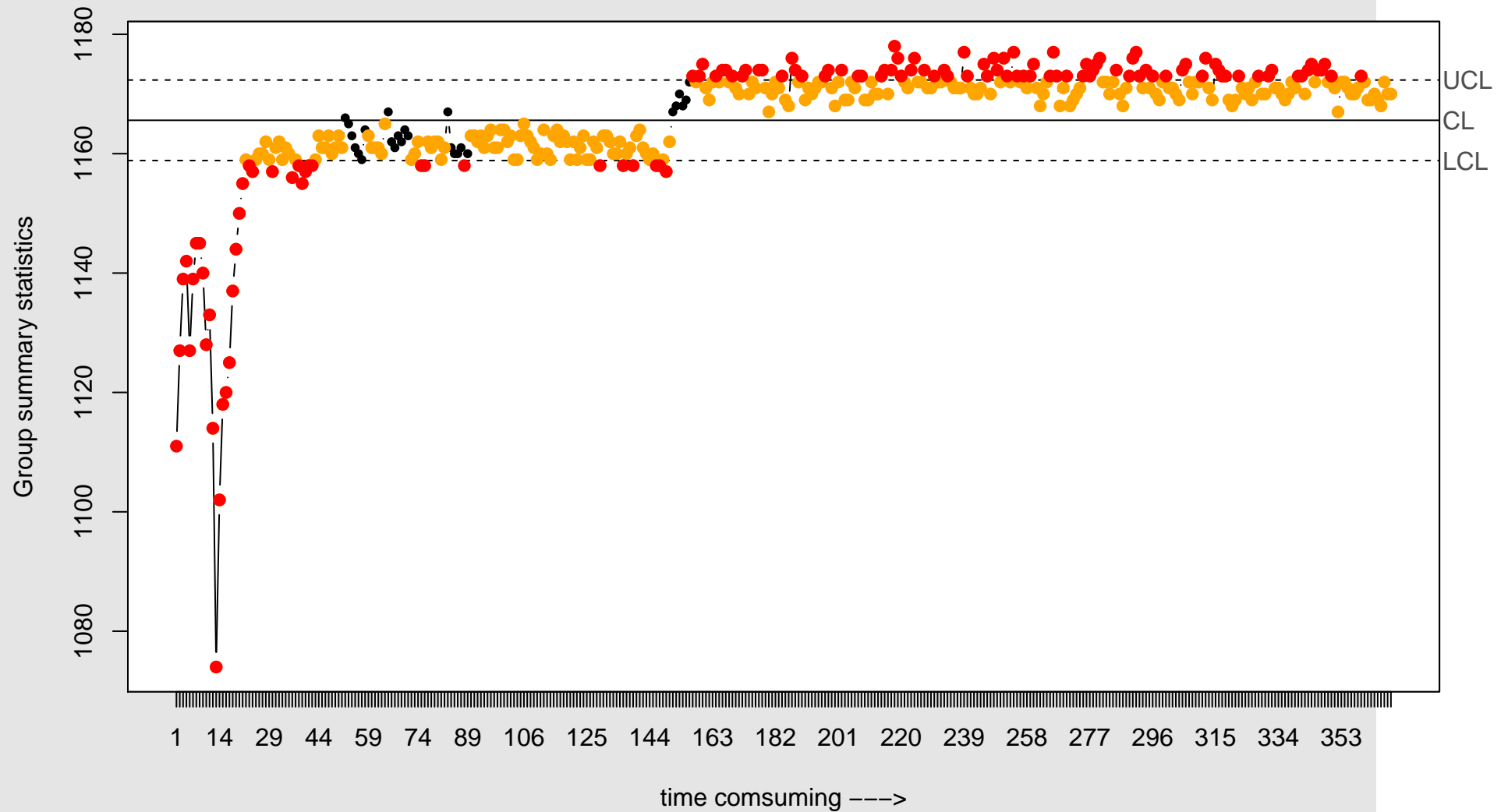
LCL = 1158.799

UCL = 1172.191

Number beyond limits = 112

Number violating runs = 328

236th column point of this product

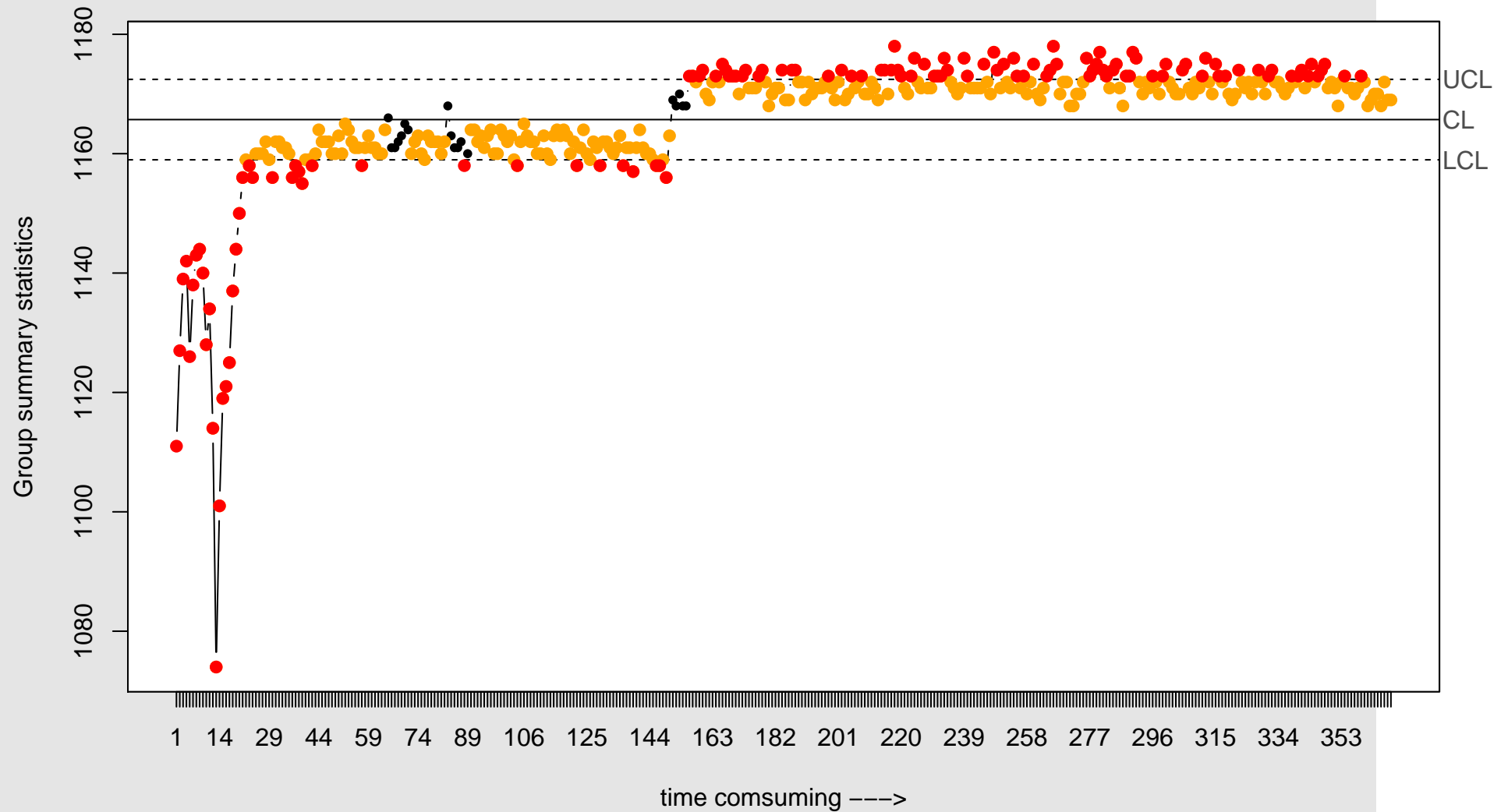


Number of groups = 368
Center = 1165.592
StdDev = 2.248923

LCL = 1158.846
UCL = 1172.339

Number beyond limits = 123
Number violating runs = 335

237th column point of this product



Number of groups = 368

Center = 1165.712

StdDev = 2.246507

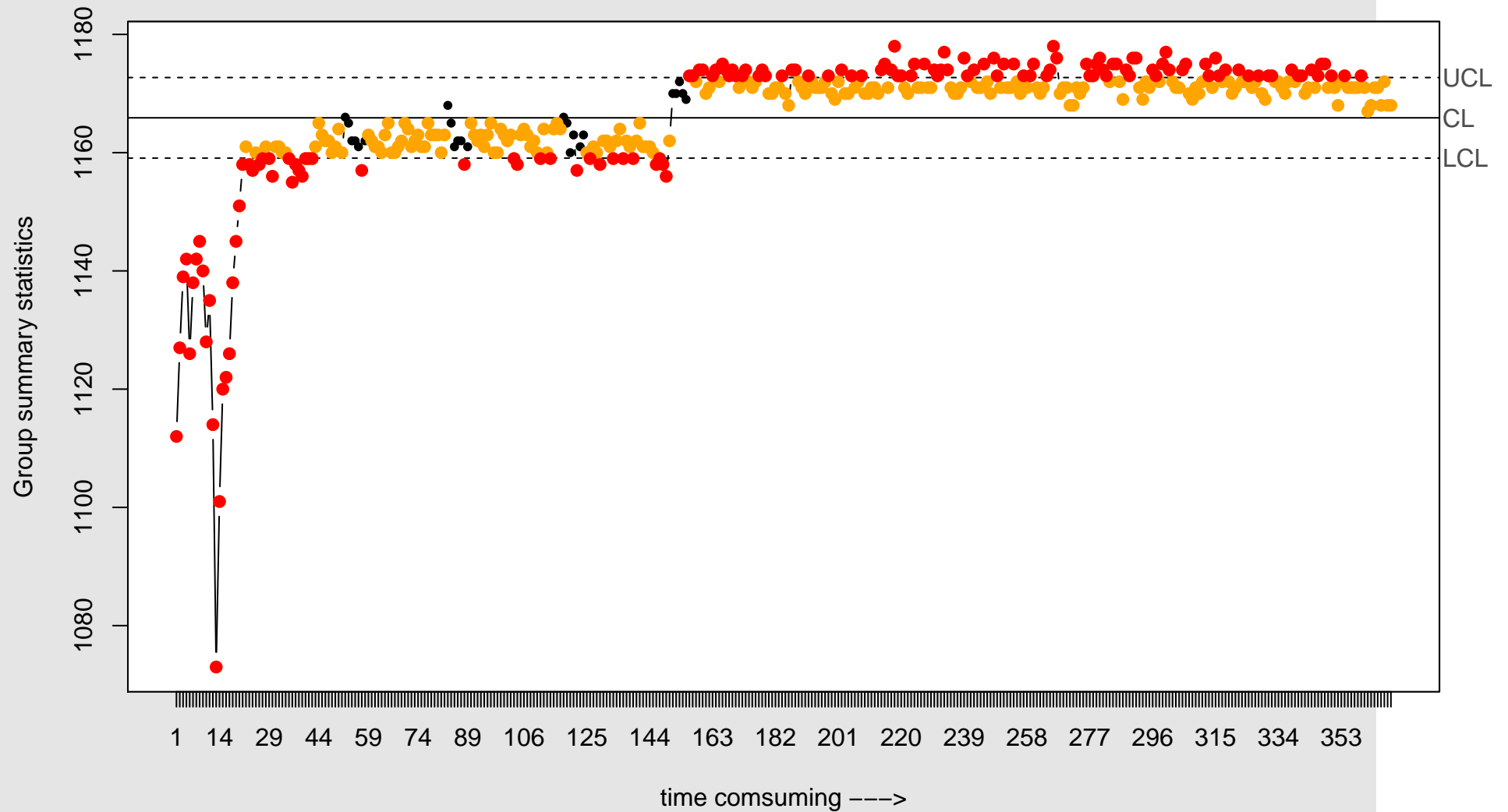
LCL = 1158.972

UCL = 1172.451

Number beyond limits = 125

Number violating runs = 342

238th column point of this product



Number of groups = 368

Center = 1165.891

StdDev = 2.270663

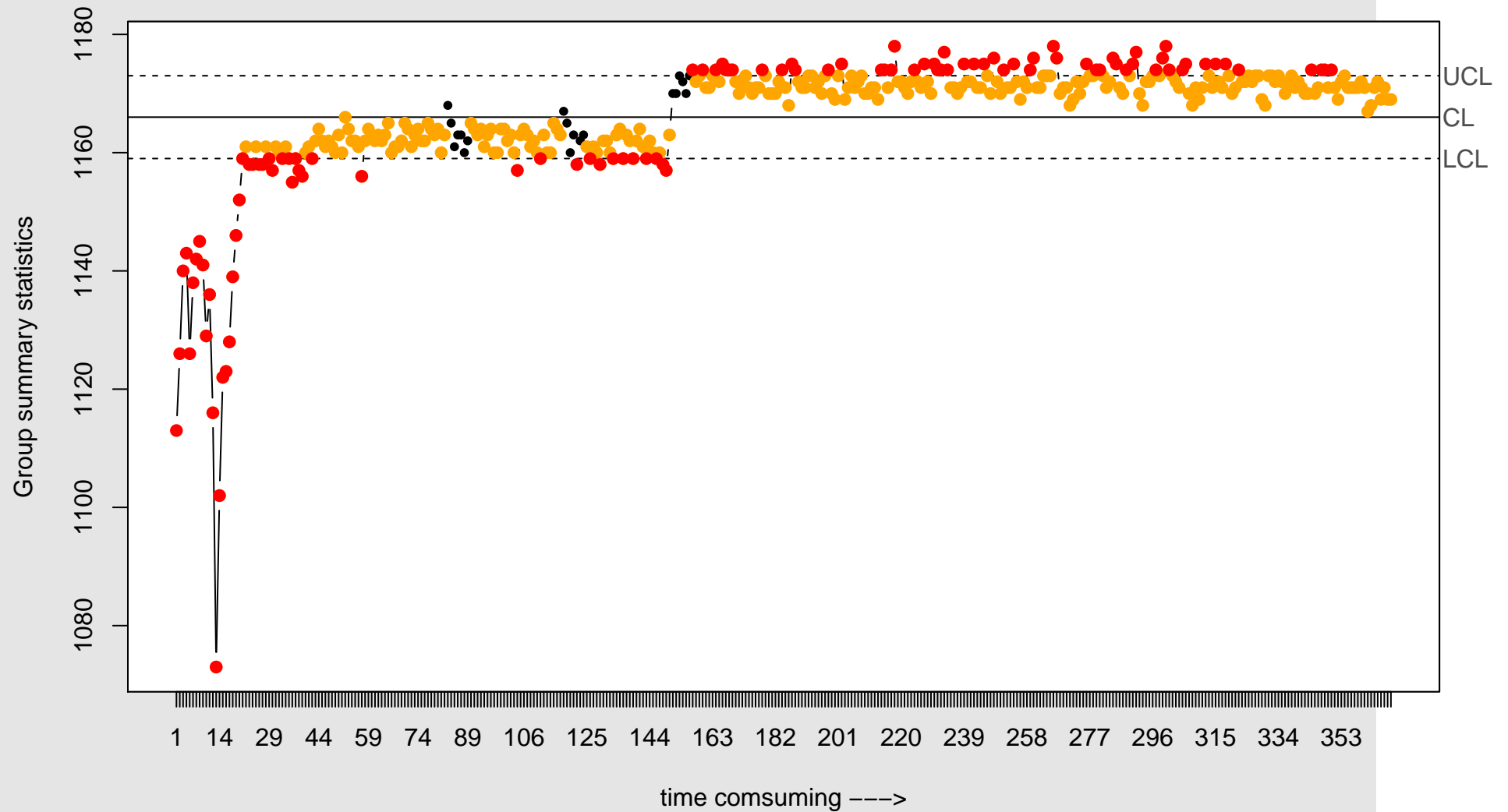
LCL = 1159.079

UCL = 1172.703

Number beyond limits = 144

Number violating runs = 335

239th column point of this product



Number of groups = 368

Center = 1166.005

StdDev = 2.333469

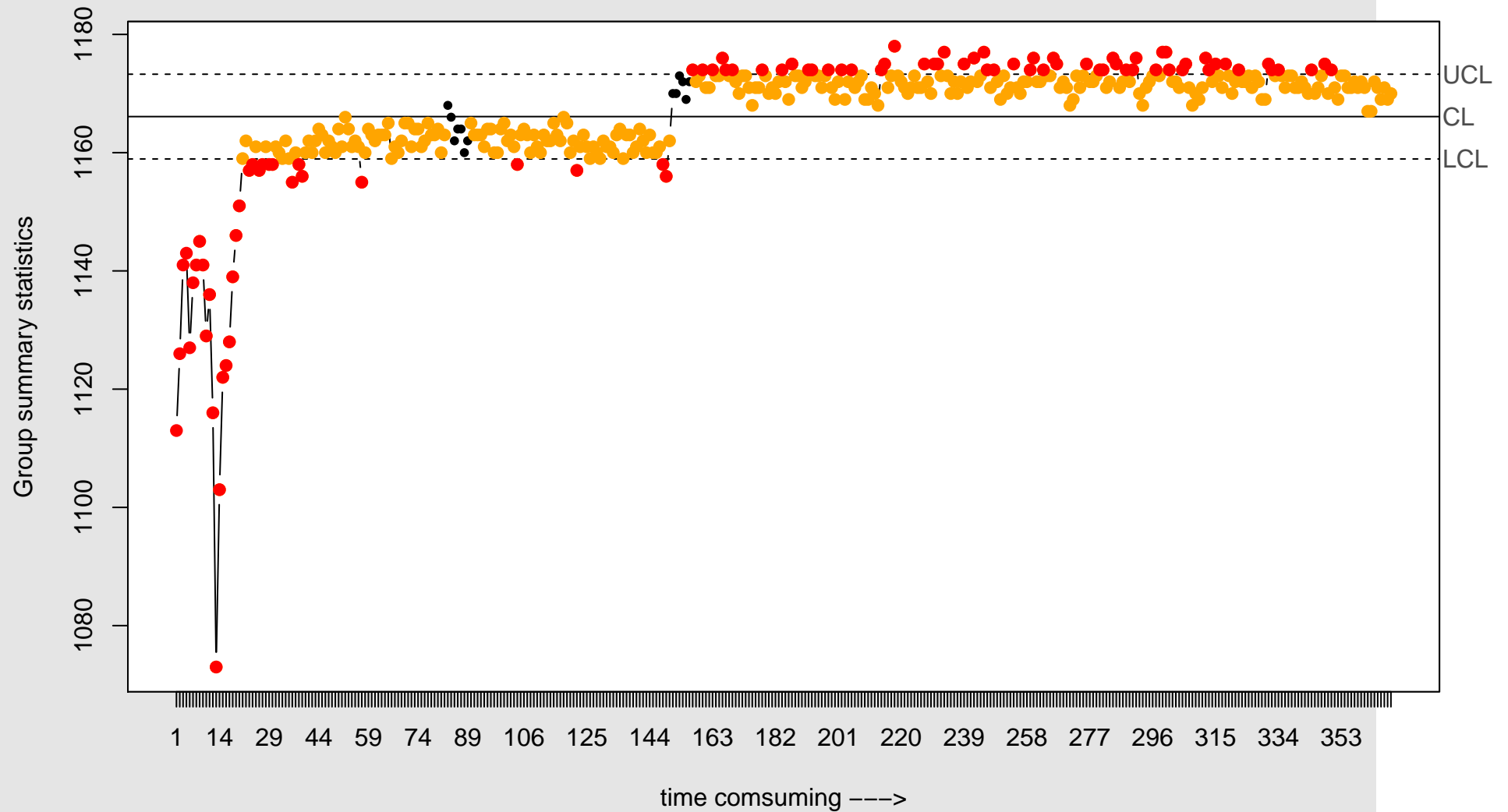
LCL = 1159.005

UCL = 1173.006

Number beyond limits = 103

Number violating runs = 342

240th column point of this product



Number of groups = 368

Center = 1166.101

StdDev = 2.389027

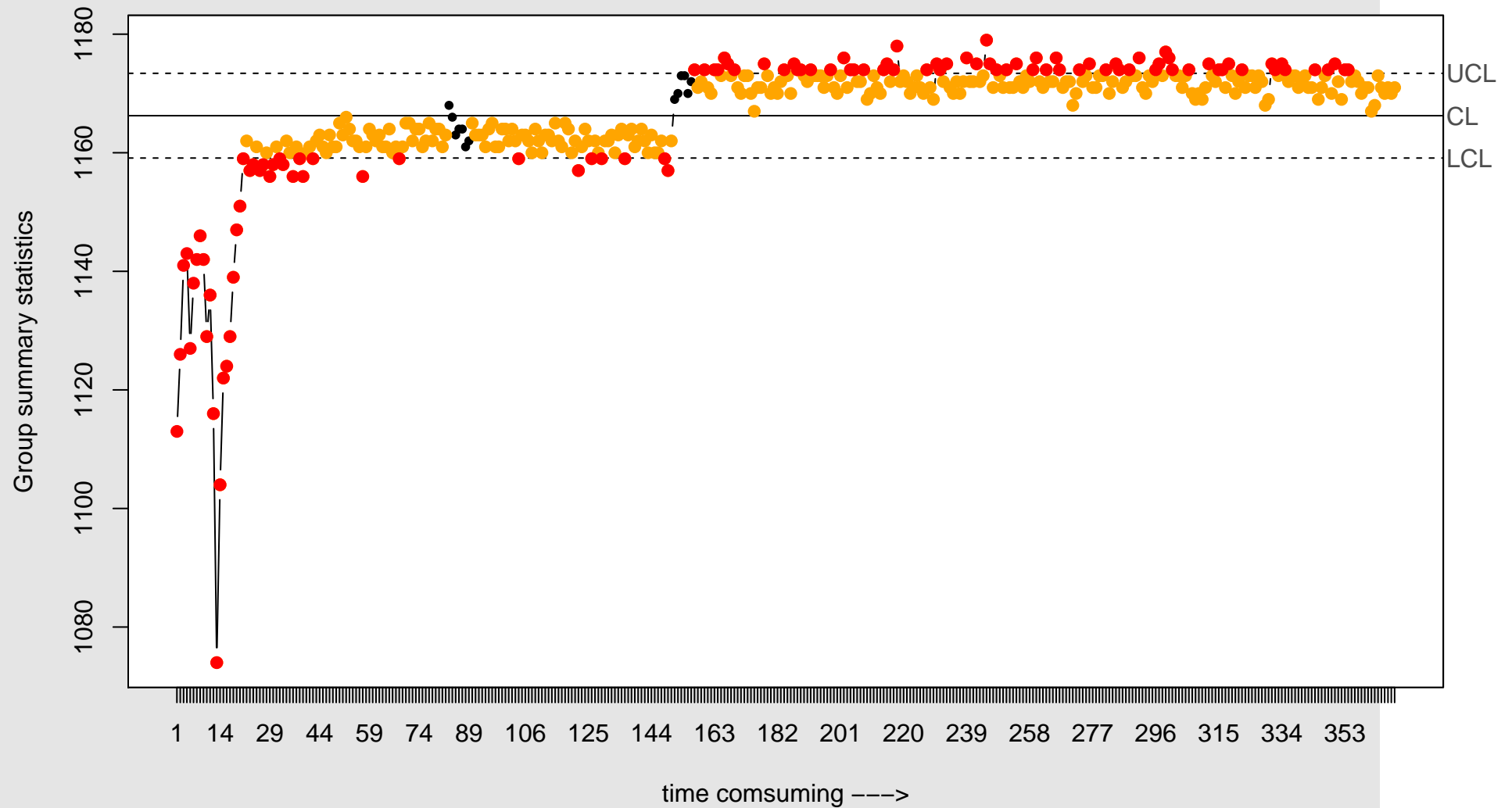
LCL = 1158.933

UCL = 1173.268

Number beyond limits = 91

Number violating runs = 349

241th column point of this product

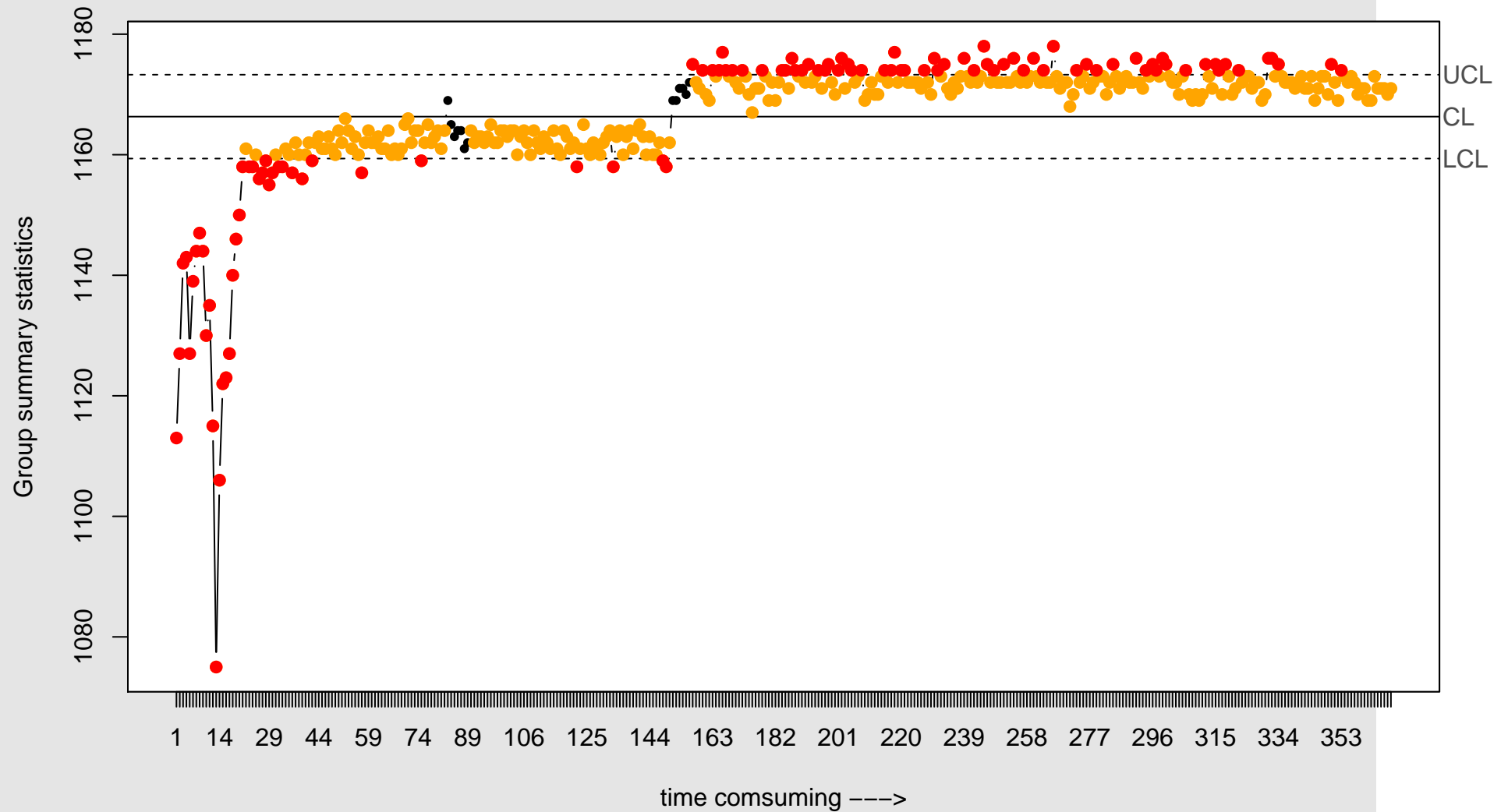


Number of groups = 368
Center = 1166.253
StdDev = 2.381781

LCL = 1159.107
UCL = 1173.398

Number beyond limits = 107
Number violating runs = 349

242th column point of this product



Number of groups = 368

Center = 1166.321

StdDev = 2.318975

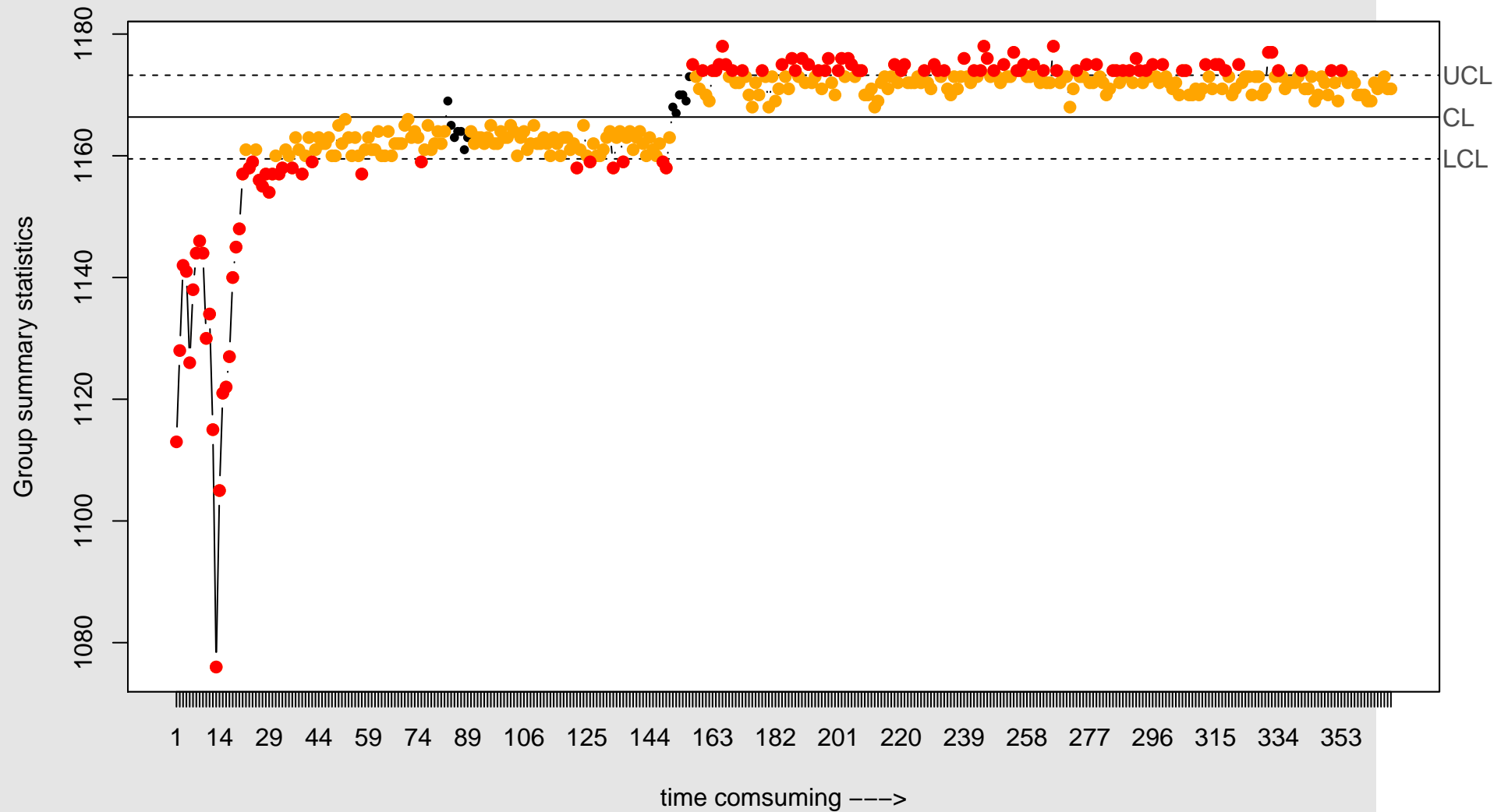
LCL = 1159.364

UCL = 1173.278

Number beyond limits = 103

Number violating runs = 349

243th column point of this product



Number of groups = 368

Center = 1166.364

StdDev = 2.289988

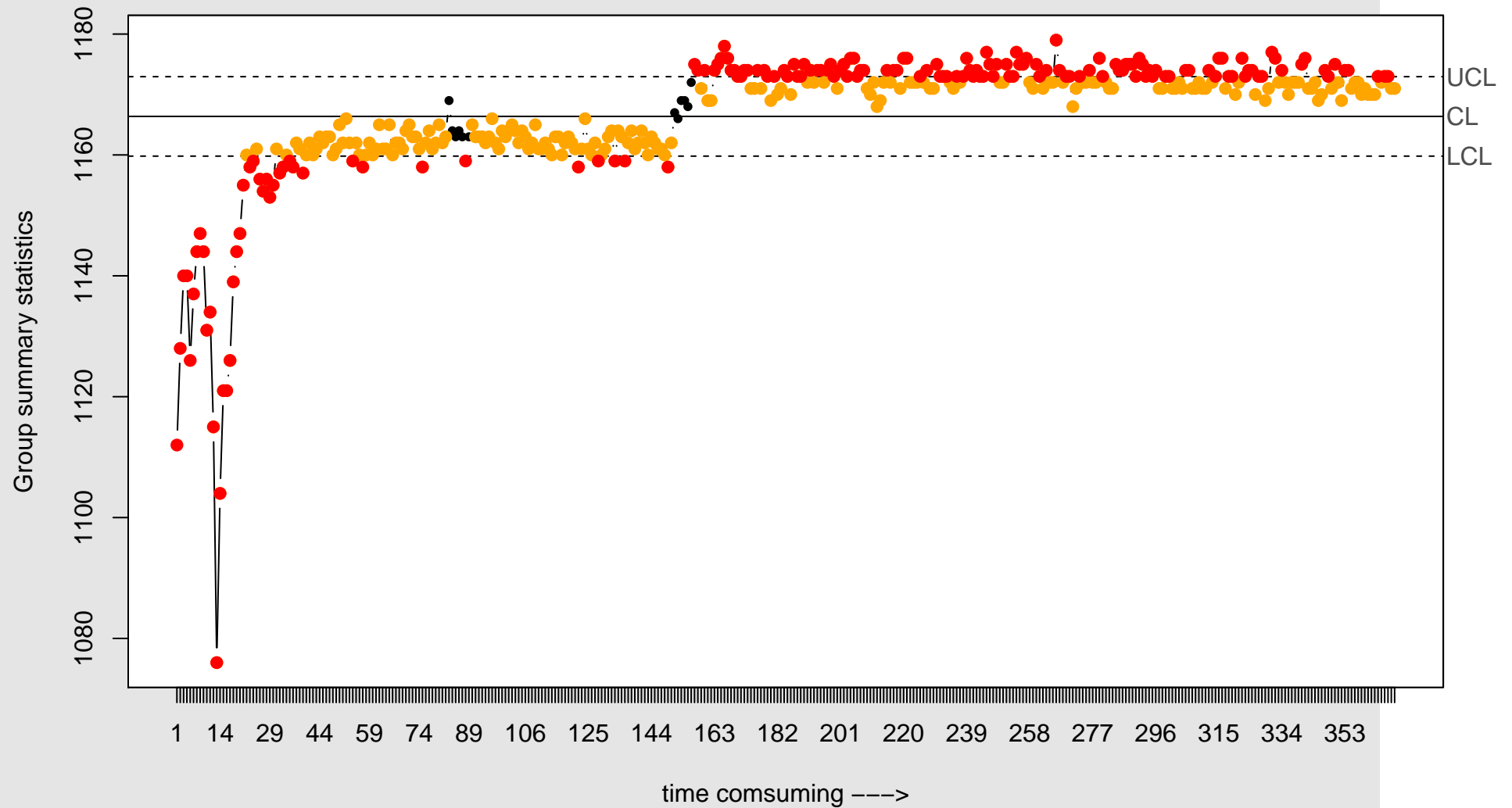
LCL = 1159.494

UCL = 1173.234

Number beyond limits = 112

Number violating runs = 349

244th column point of this product

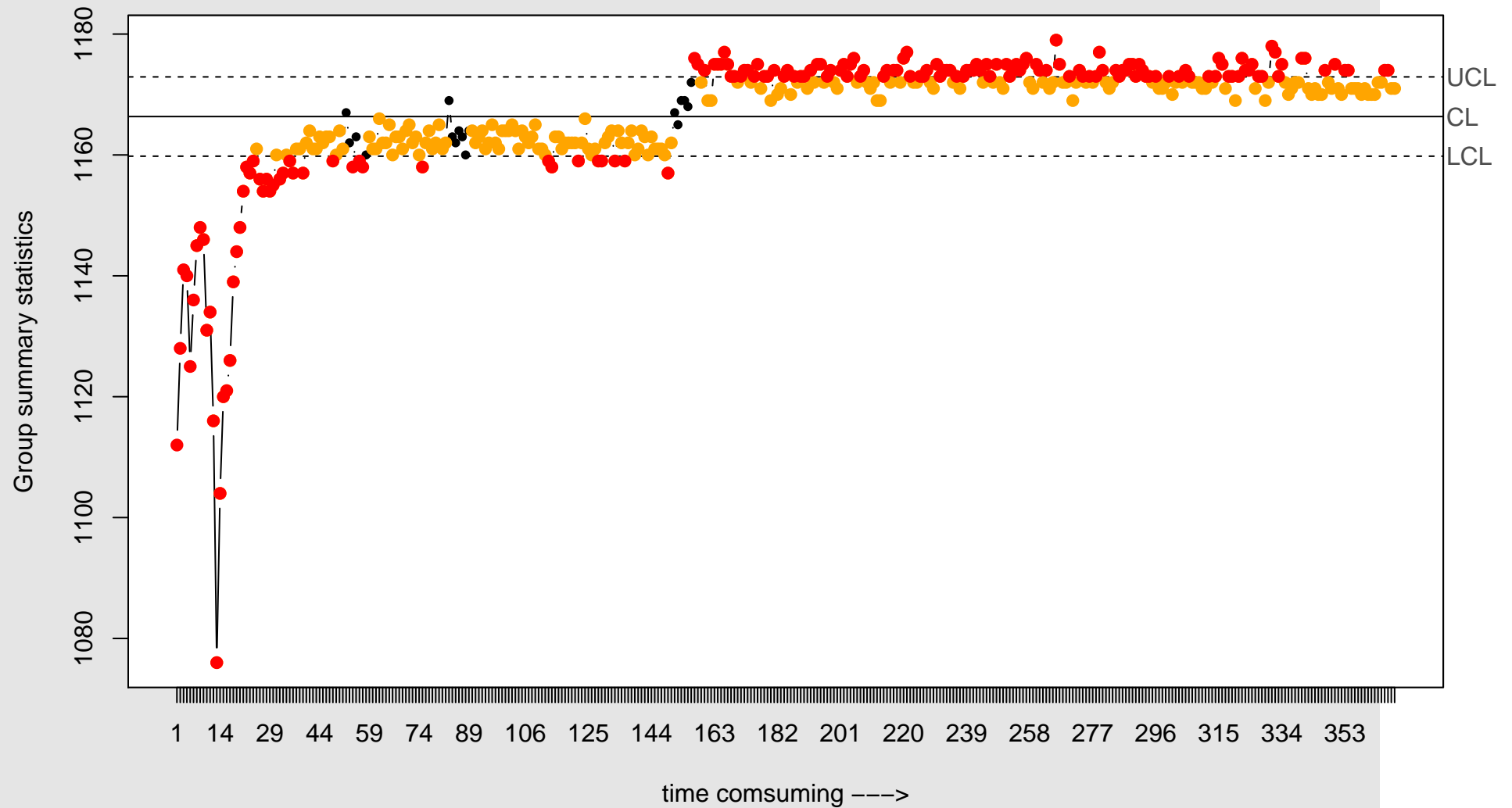


Number of groups = 368
Center = 1166.378
StdDev = 2.190948

LCL = 1159.805
UCL = 1172.951

Number beyond limits = 163
Number violating runs = 347

245th column point of this product



Number of groups = 368

Center = 1166.353

StdDev = 2.186117

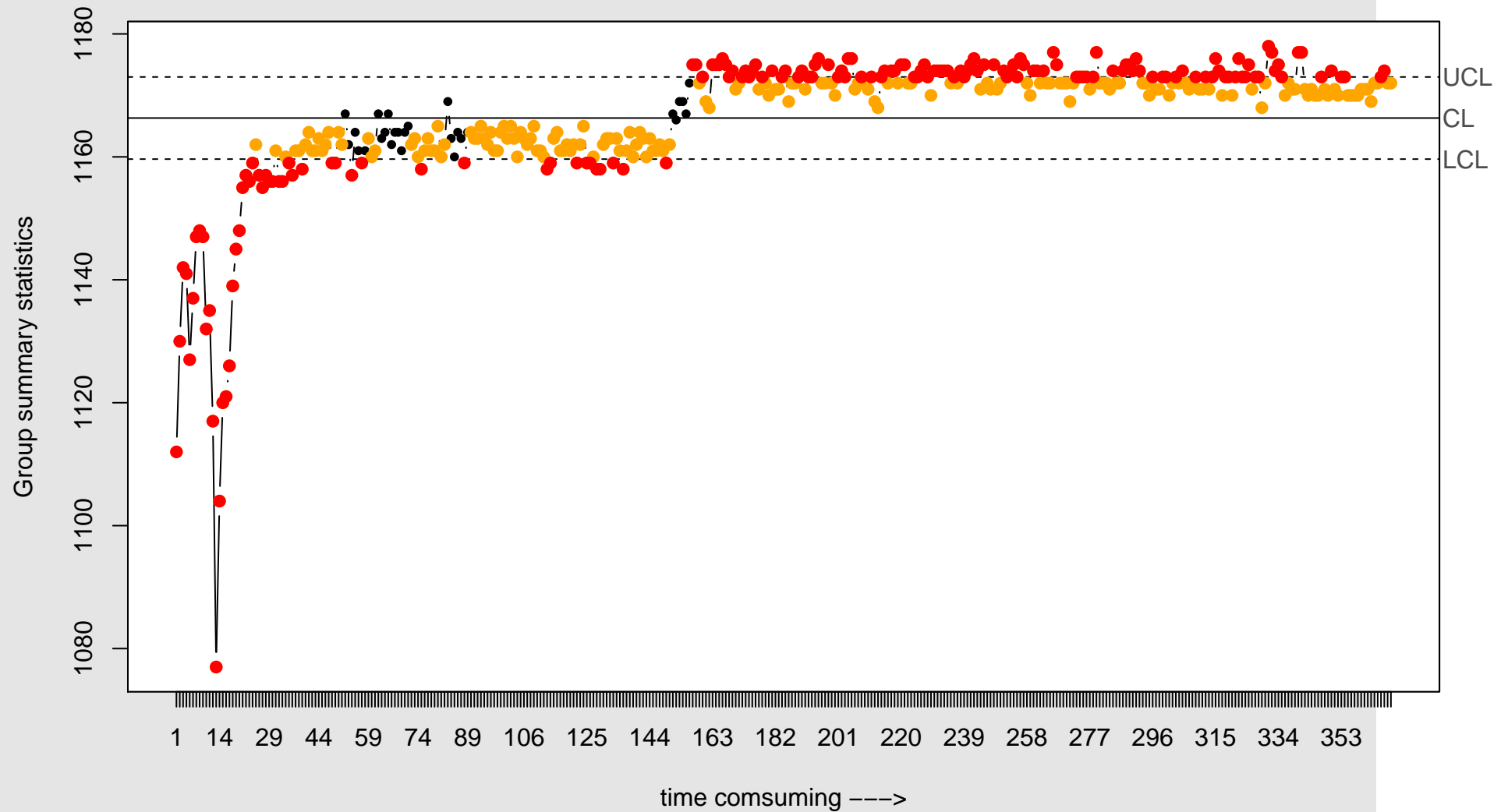
LCL = 1159.795

UCL = 1172.912

Number beyond limits = 167

Number violating runs = 340

246th column point of this product



Number of groups = 368

Center = 1166.318

StdDev = 2.227182

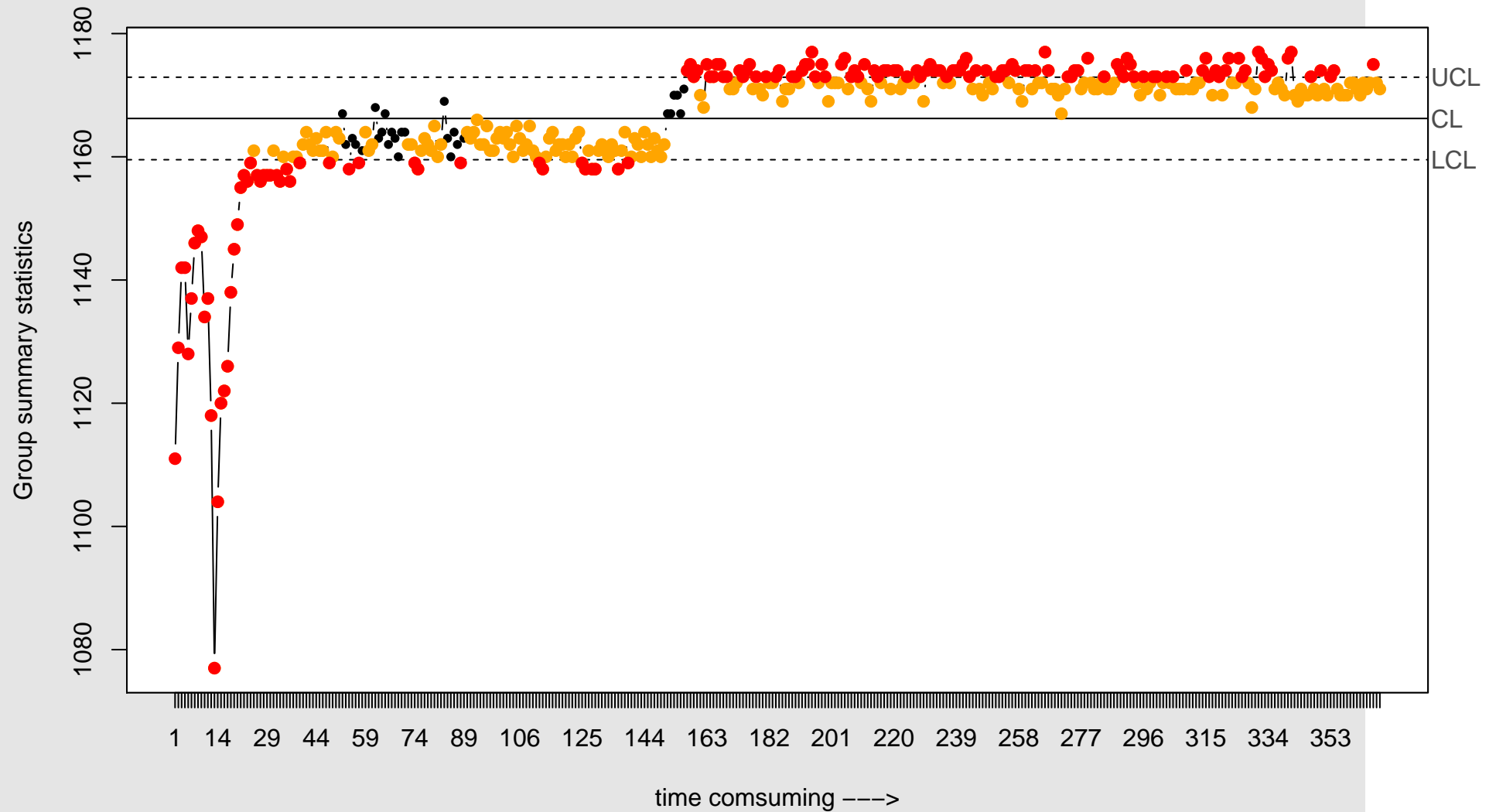
LCL = 1159.636

UCL = 1172.999

Number beyond limits = 165

Number violating runs = 330

247th column point of this product



Number of groups = 368

Center = 1166.223

StdDev = 2.232013

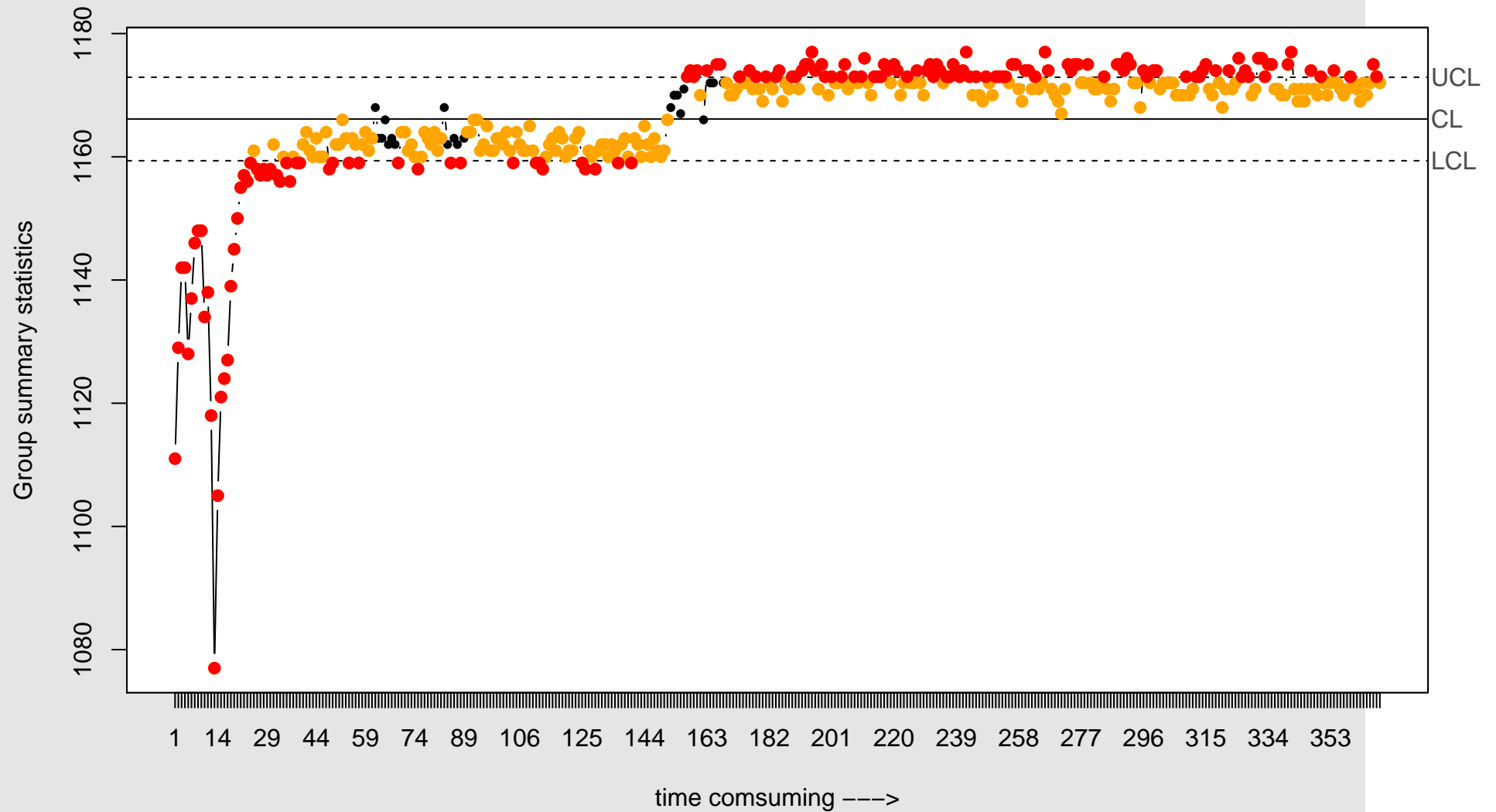
LCL = 1159.527

UCL = 1172.919

Number beyond limits = 156

Number violating runs = 332

248th column point of this product



Number of groups = 368

Center = 1166.139

StdDev = 2.258585

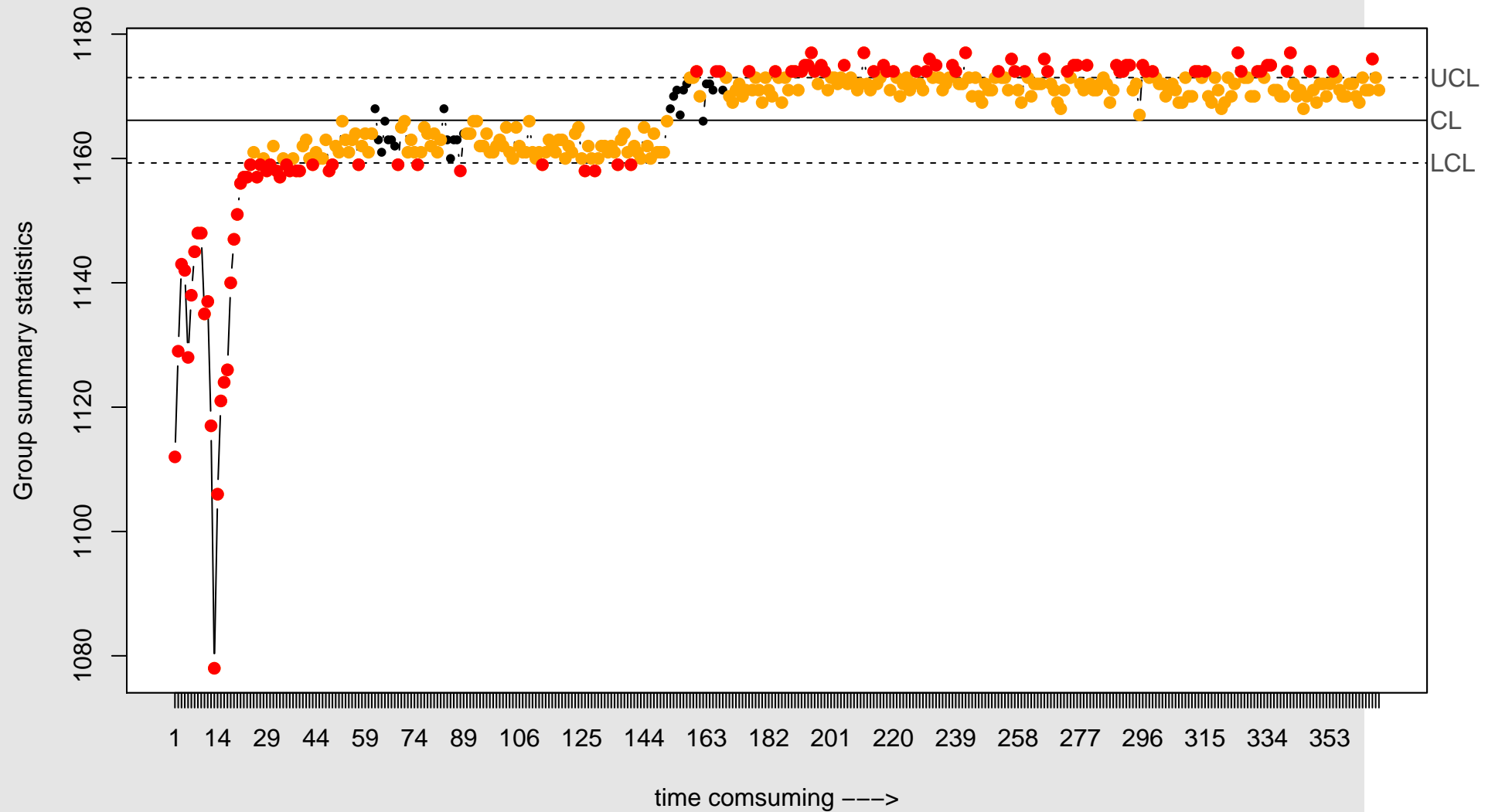
LCL = 1159.363

UCL = 1172.914

Number beyond limits = 154

Number violating runs = 335

249th column point of this product



Number of groups = 368

Center = 1166.141

StdDev = 2.287572

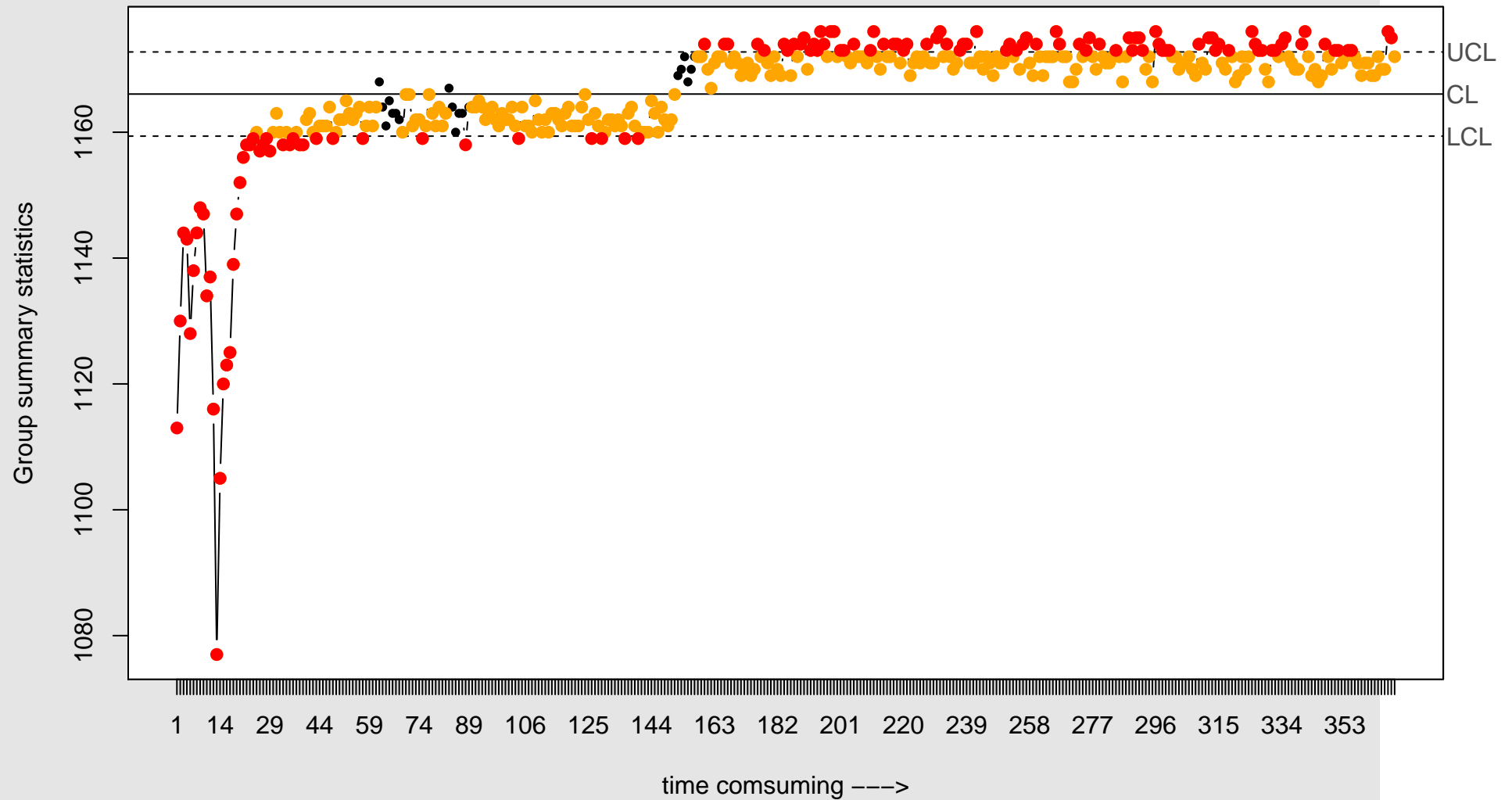
LCL = 1159.279

UCL = 1173.004

Number beyond limits = 105

Number violating runs = 335

250th column point of this product



Number of groups = 368

Center = 1166.065

StdDev = 2.229598

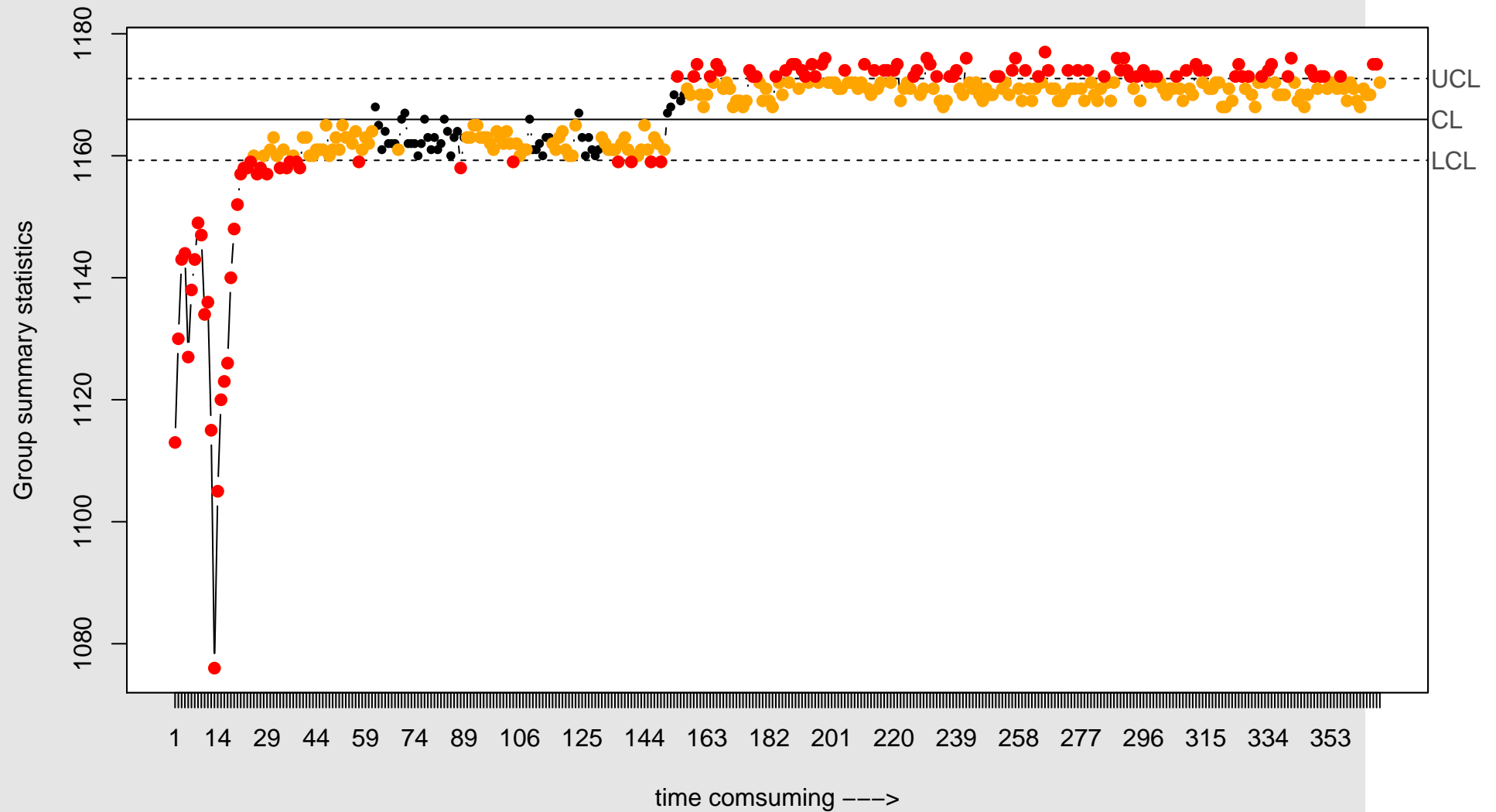
LCL = 1159.376

UCL = 1172.754

Number beyond limits = 124

Number violating runs = 342

251th column point of this product



Number of groups = 368

Center = 1165.957

StdDev = 2.234429

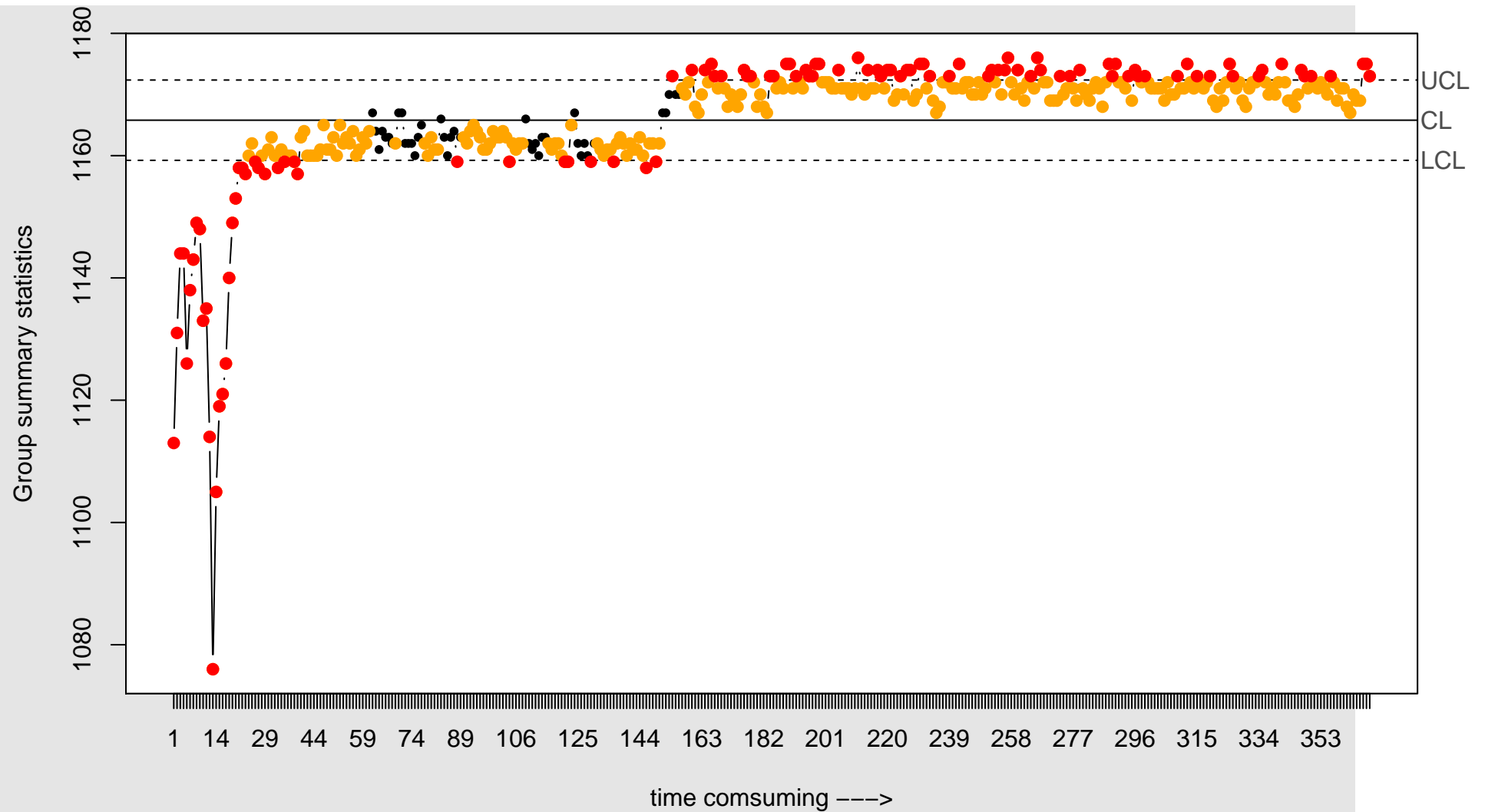
LCL = 1159.253

UCL = 1172.66

Number beyond limits = 117

Number violating runs = 315

252th column point of this product



Number of groups = 368

Center = 1165.799

StdDev = 2.188533

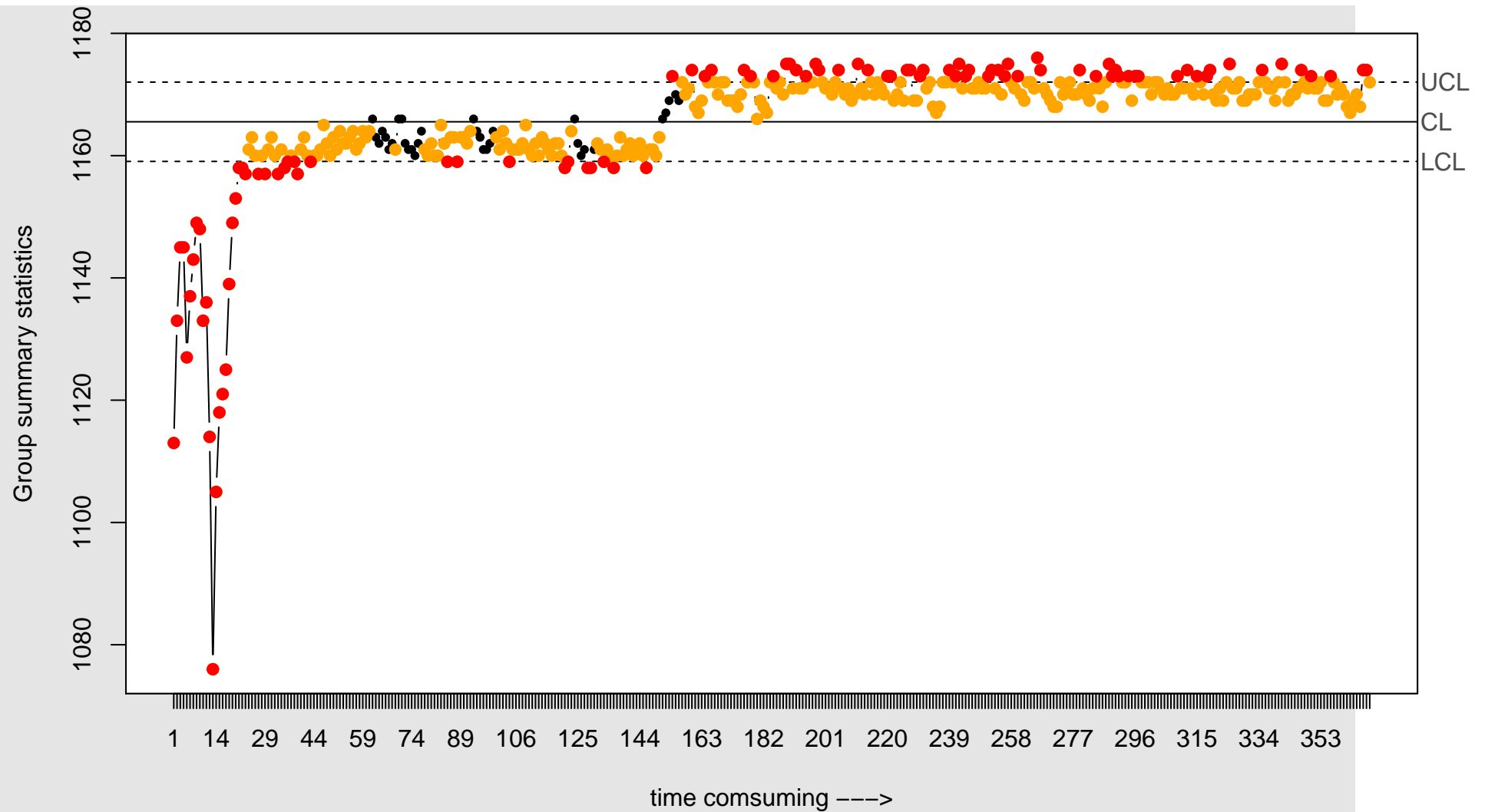
LCL = 1159.233

UCL = 1172.365

Number beyond limits = 107

Number violating runs = 320

253th column point of this product

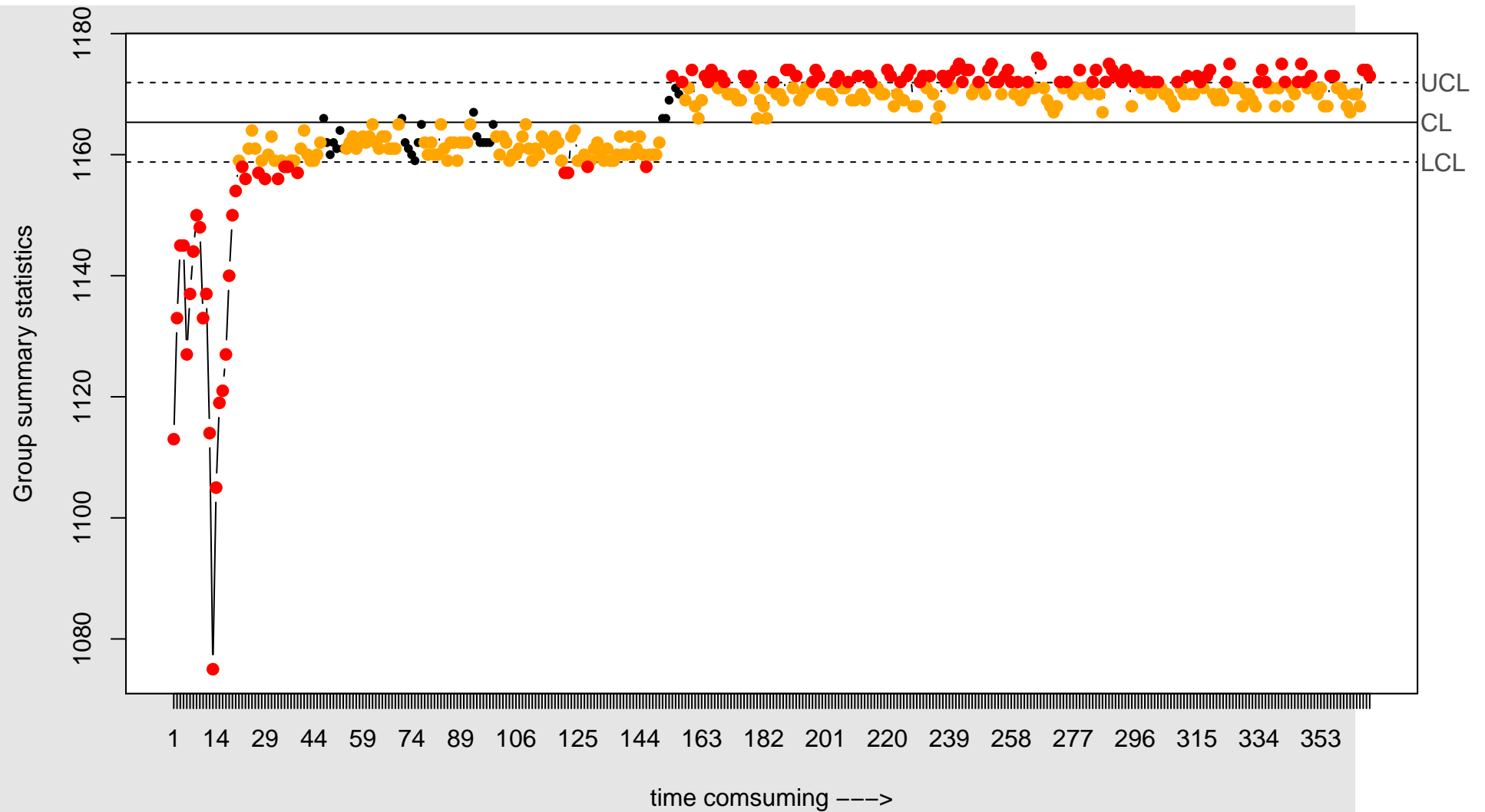


Number of groups = 368
Center = 1165.541
StdDev = 2.161961

LCL = 1159.055
UCL = 1172.027

Number beyond limits = 98
Number violating runs = 327

254th column point of this product



Number of groups = 368

Center = 1165.345

StdDev = 2.188533

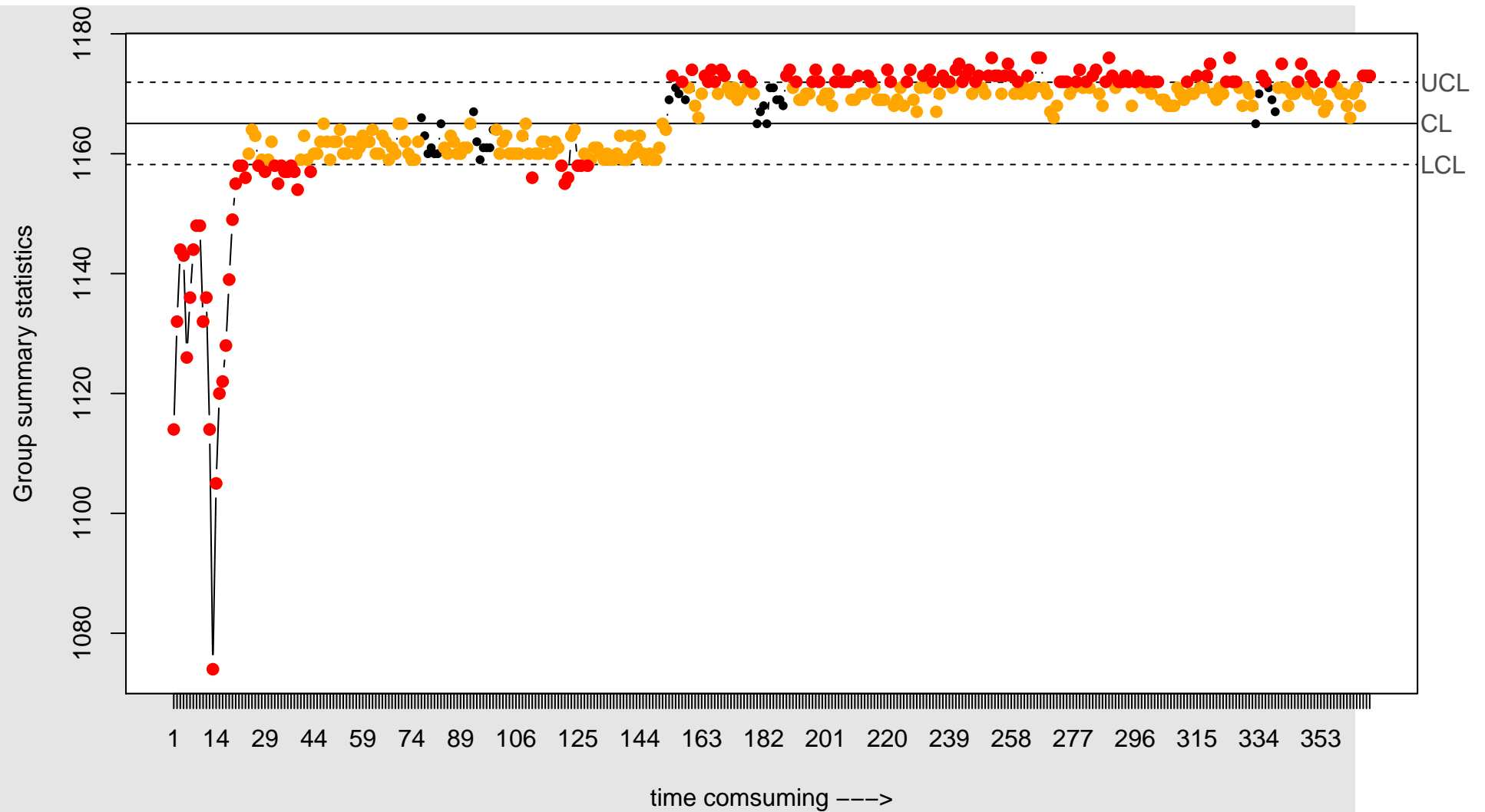
LCL = 1158.78

UCL = 1171.911

Number beyond limits = 126

Number violating runs = 335

255th column point of this product



Number of groups = 368

Center = 1165.054

StdDev = 2.287572

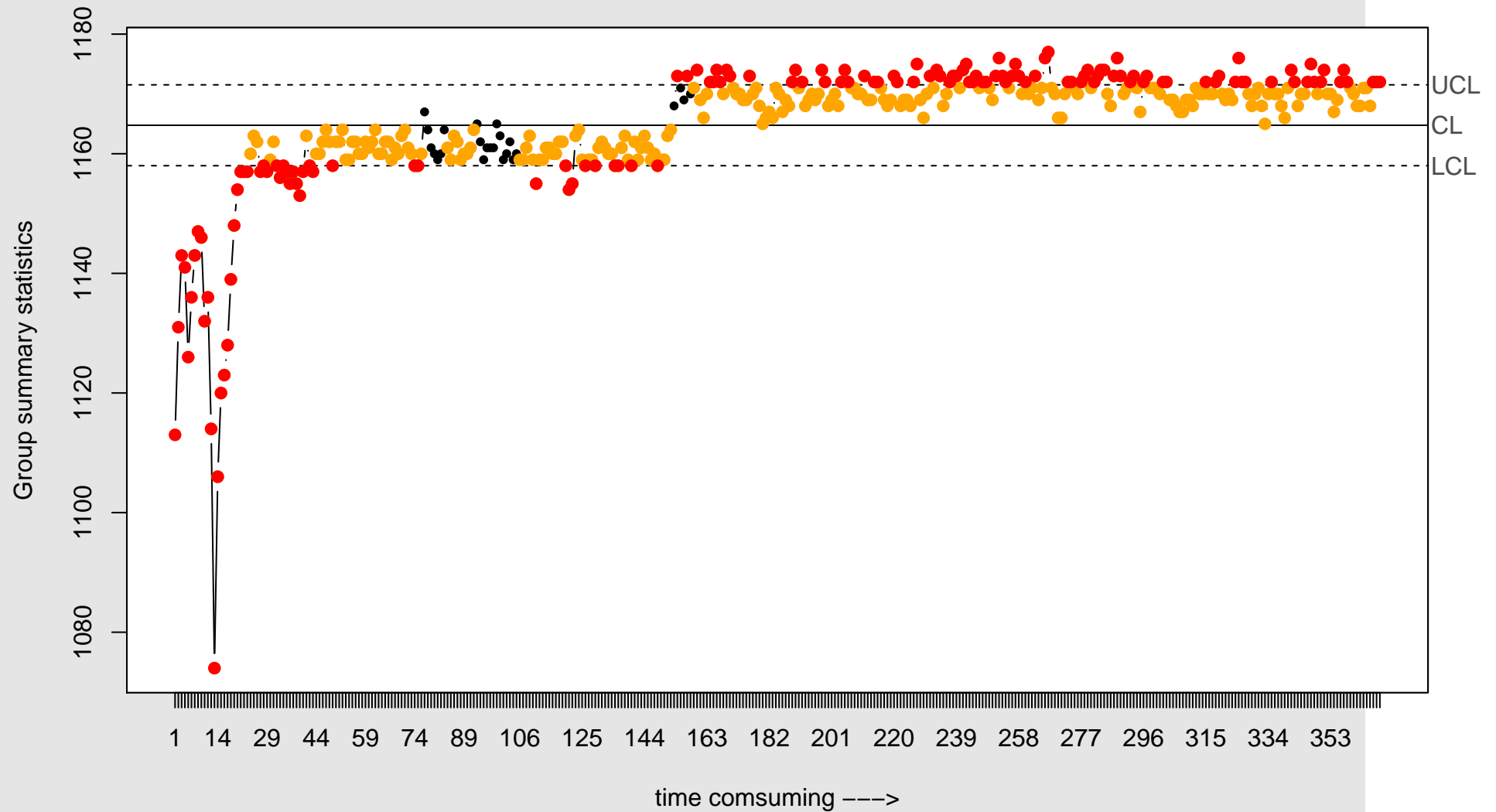
LCL = 1158.192

UCL = 1171.917

Number beyond limits = 135

Number violating runs = 325

256th column point of this product



Number of groups = 368

Center = 1164.764

StdDev = 2.253754

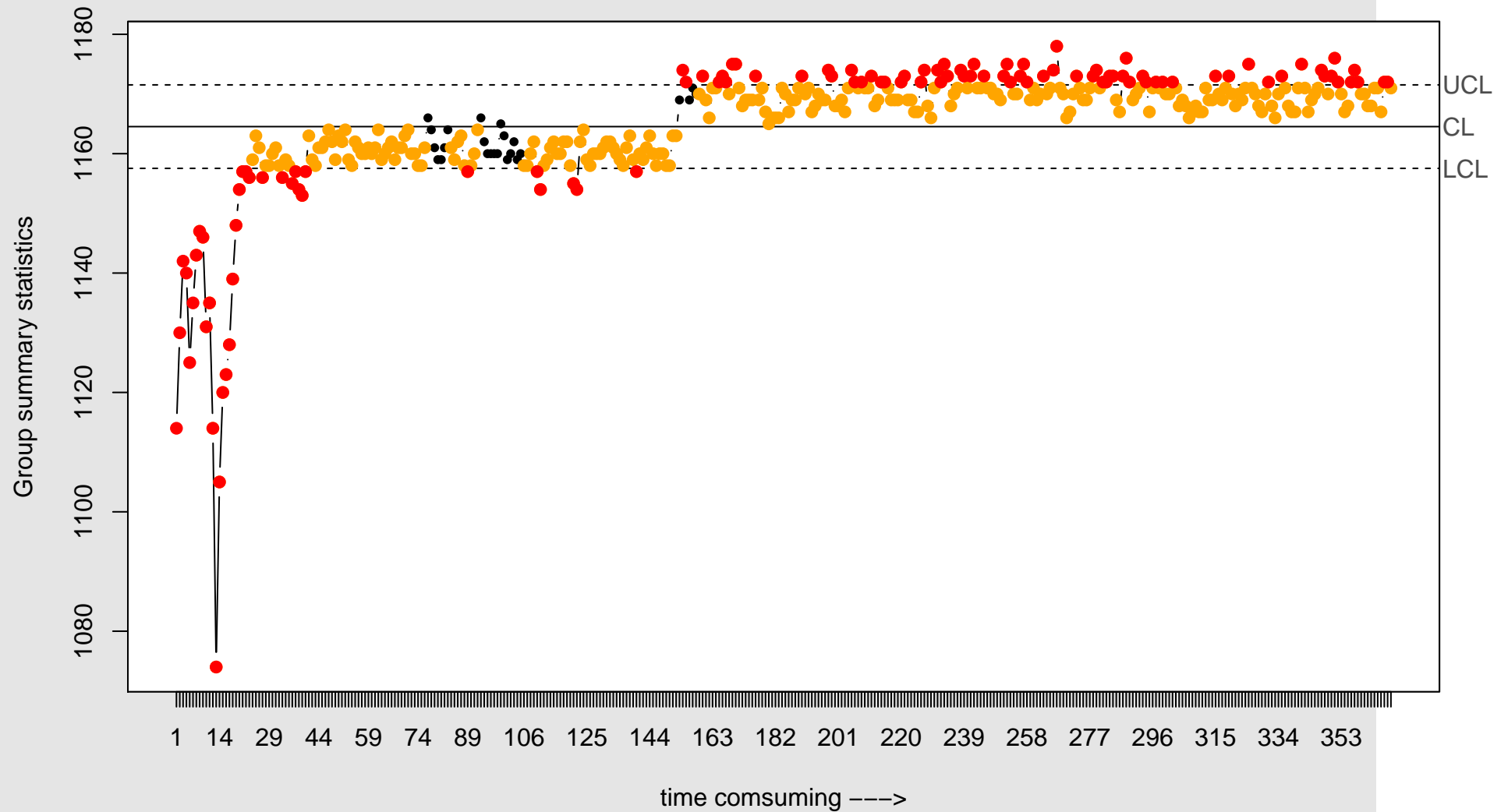
LCL = 1158.002

UCL = 1171.525

Number beyond limits = 138

Number violating runs = 336

257th column point of this product



Number of groups = 368

Center = 1164.533

StdDev = 2.331053

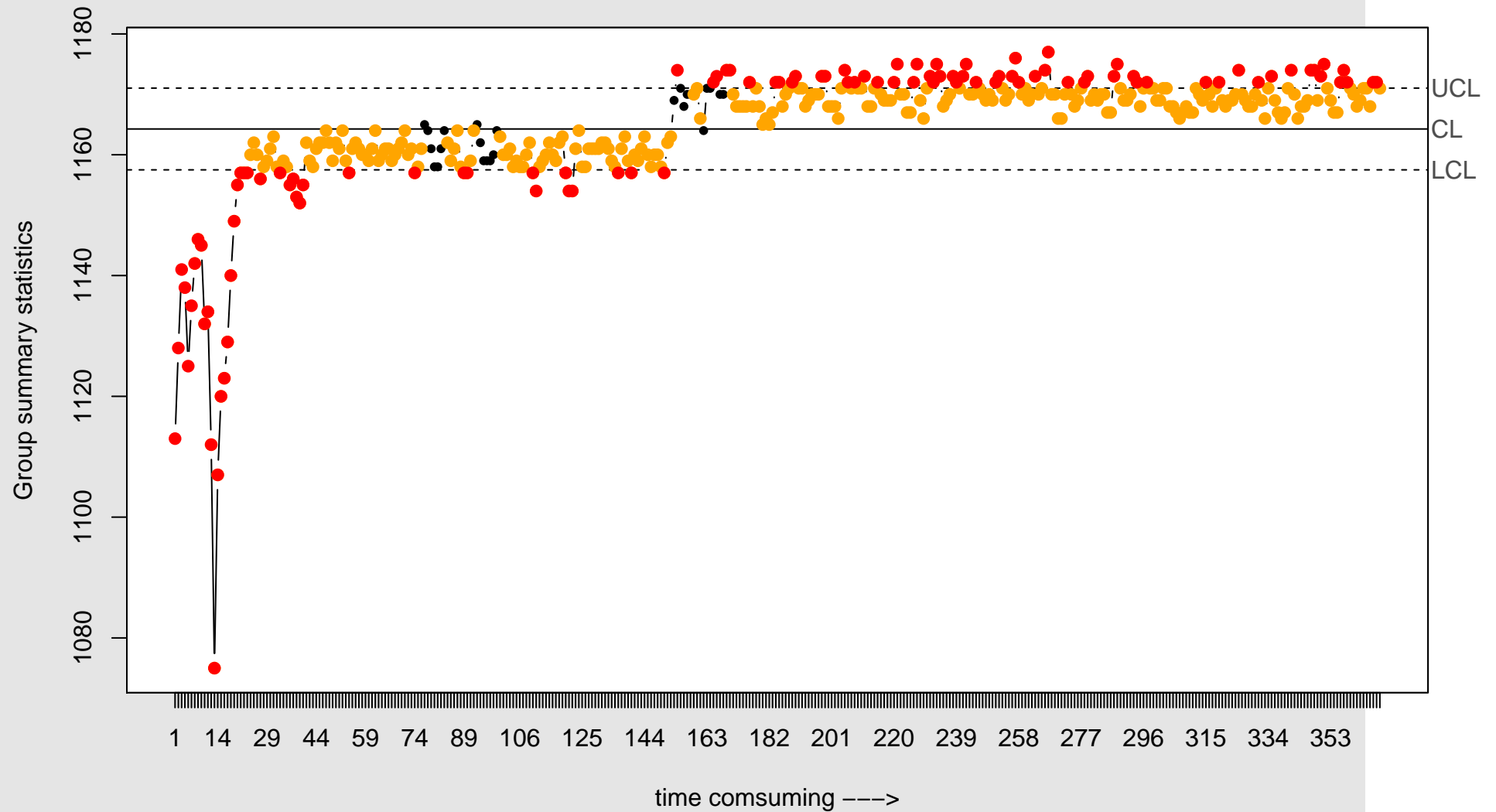
LCL = 1157.539

UCL = 1171.526

Number beyond limits = 107

Number violating runs = 336

258th column point of this product



Number of groups = 368

Center = 1164.266

StdDev = 2.256169

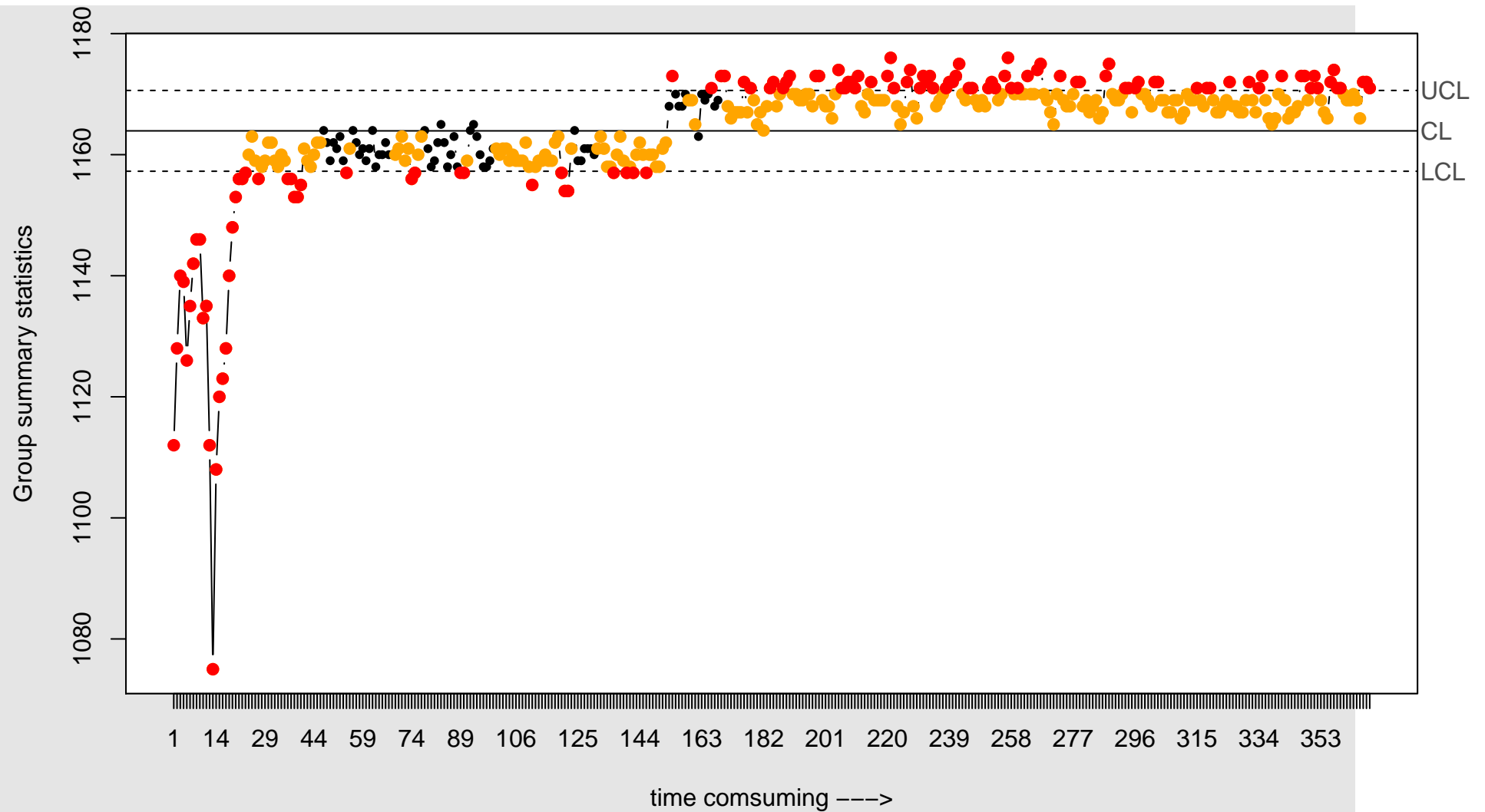
LCL = 1157.498

UCL = 1171.035

Number beyond limits = 103

Number violating runs = 335

259th column point of this product



Number of groups = 368

Center = 1163.935

StdDev = 2.224767

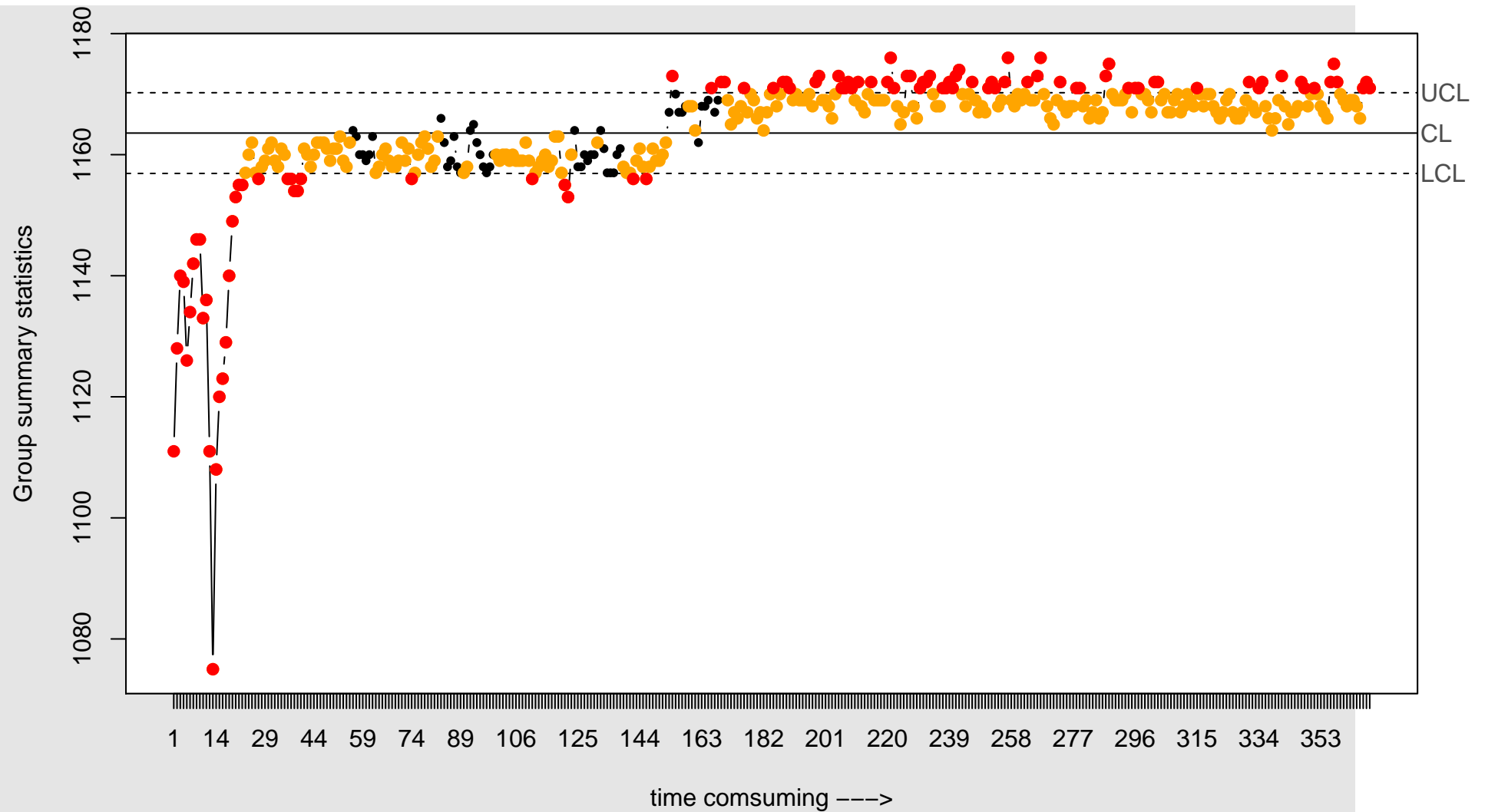
LCL = 1157.26

UCL = 1170.609

Number beyond limits = 121

Number violating runs = 302

260th column point of this product



Number of groups = 368

Center = 1163.568

StdDev = 2.222351

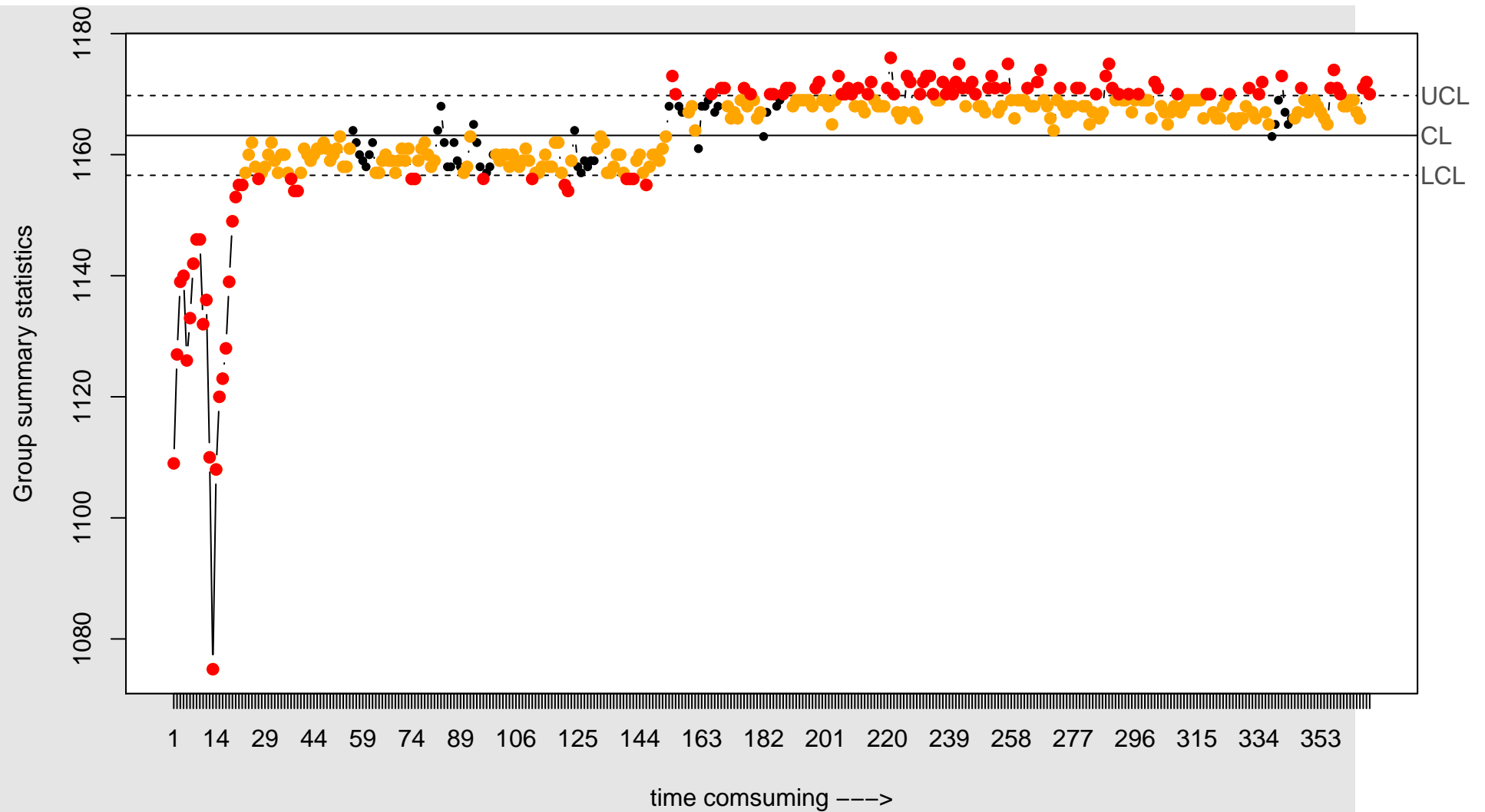
LCL = 1156.901

UCL = 1170.235

Number beyond limits = 100

Number violating runs = 313

261th column point of this product



Number of groups = 368

Center = 1163.177

StdDev = 2.195779

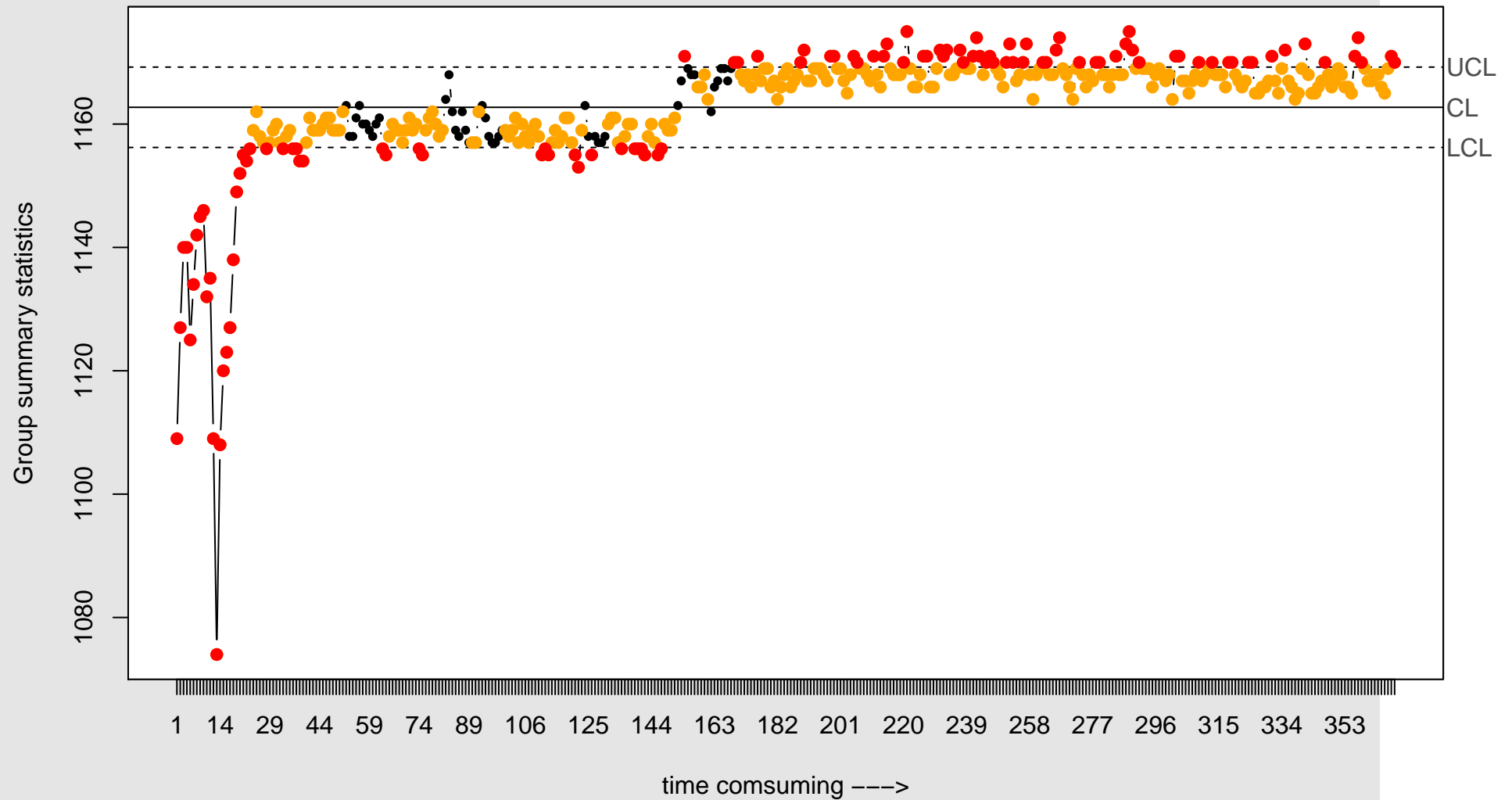
LCL = 1156.589

UCL = 1169.764

Number beyond limits = 114

Number violating runs = 306

262th column point of this product



Number of groups = 368

Center = 1162.717

StdDev = 2.171623

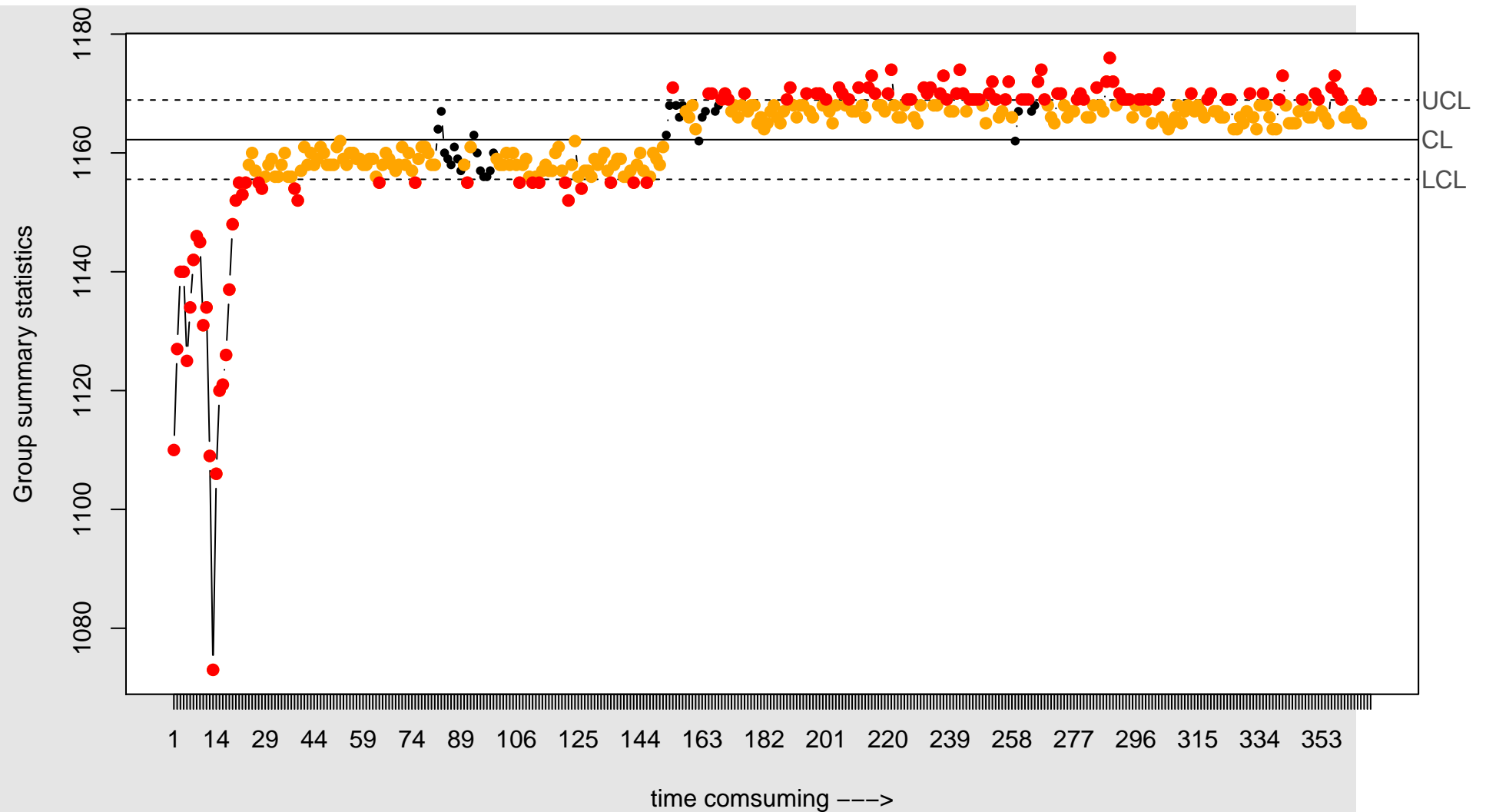
LCL = 1156.203

UCL = 1169.232

Number beyond limits = 108

Number violating runs = 316

263th column point of this product



Number of groups = 368

Center = 1162.231

StdDev = 2.224767

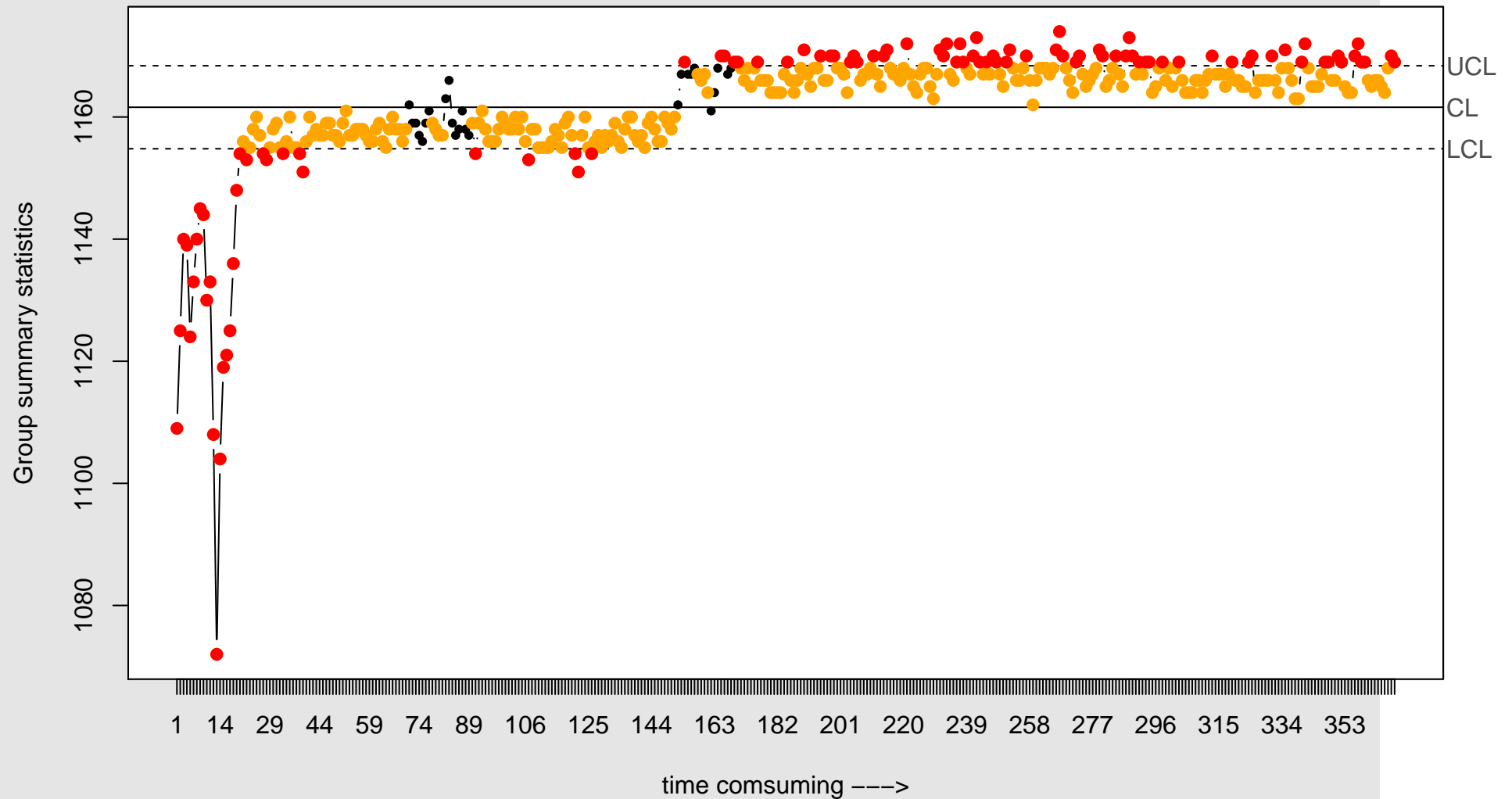
LCL = 1155.557

UCL = 1168.905

Number beyond limits = 124

Number violating runs = 327

264th column point of this product



Number of groups = 368

Center = 1161.598

StdDev = 2.265832

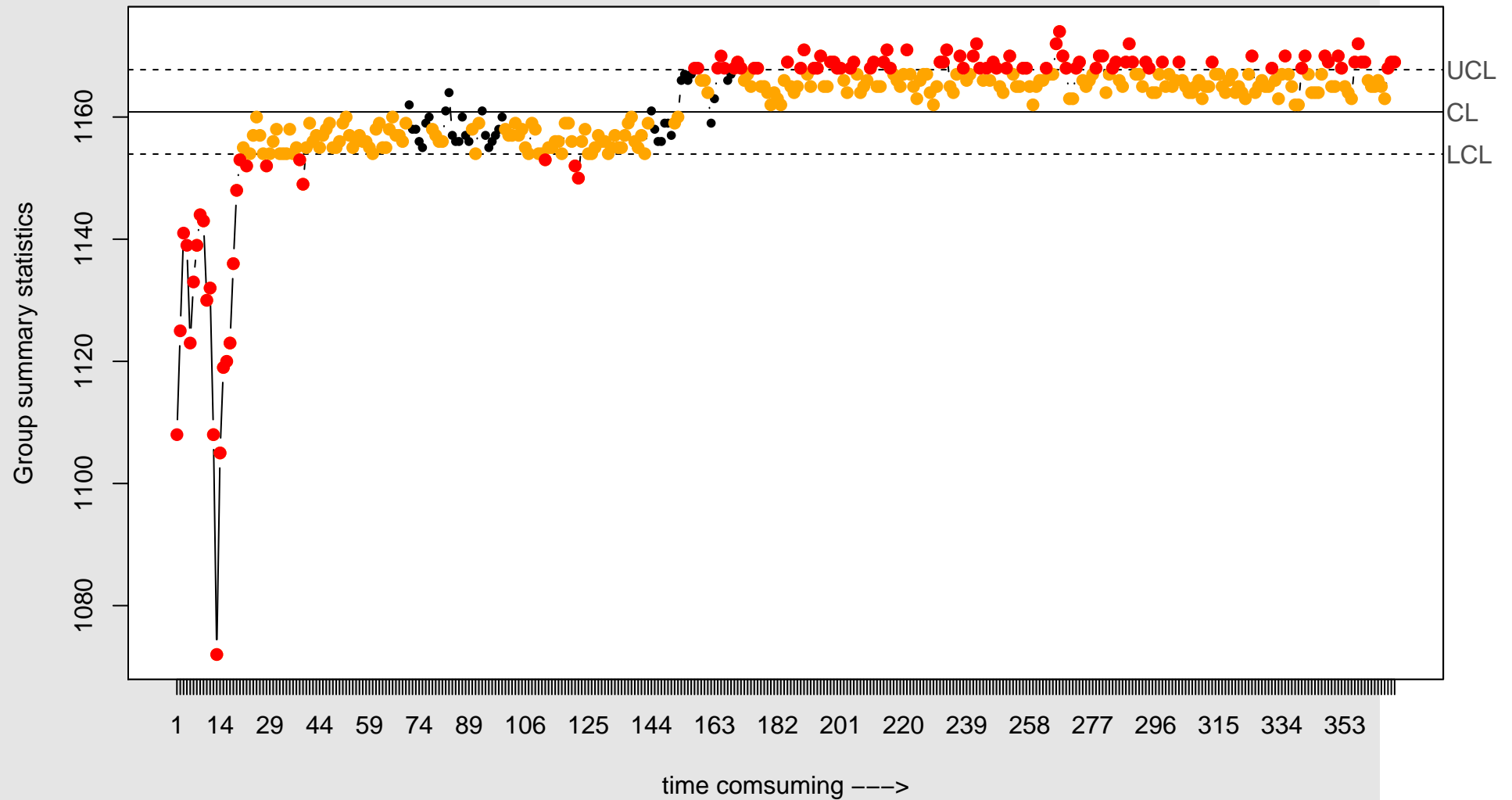
LCL = 1154.8

UCL = 1168.395

Number beyond limits = 98

Number violating runs = 334

265th column point of this product

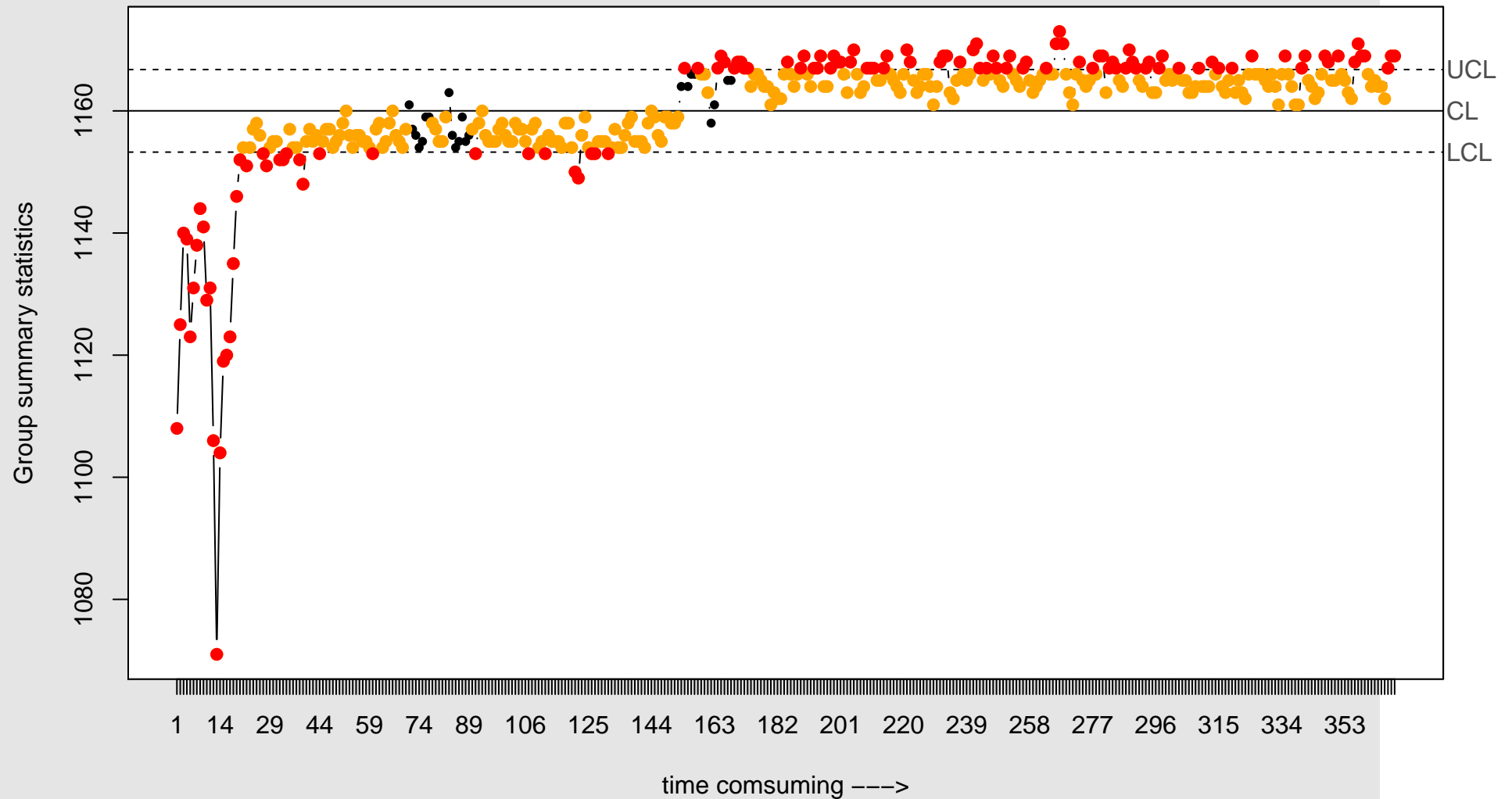


Number of groups = 368
Center = 1160.842
StdDev = 2.302066

LCL = 1153.936
UCL = 1167.749

Number beyond limits = 106
Number violating runs = 320

266th column point of this product



Number of groups = 368

Center = 1160.011

StdDev = 2.253754

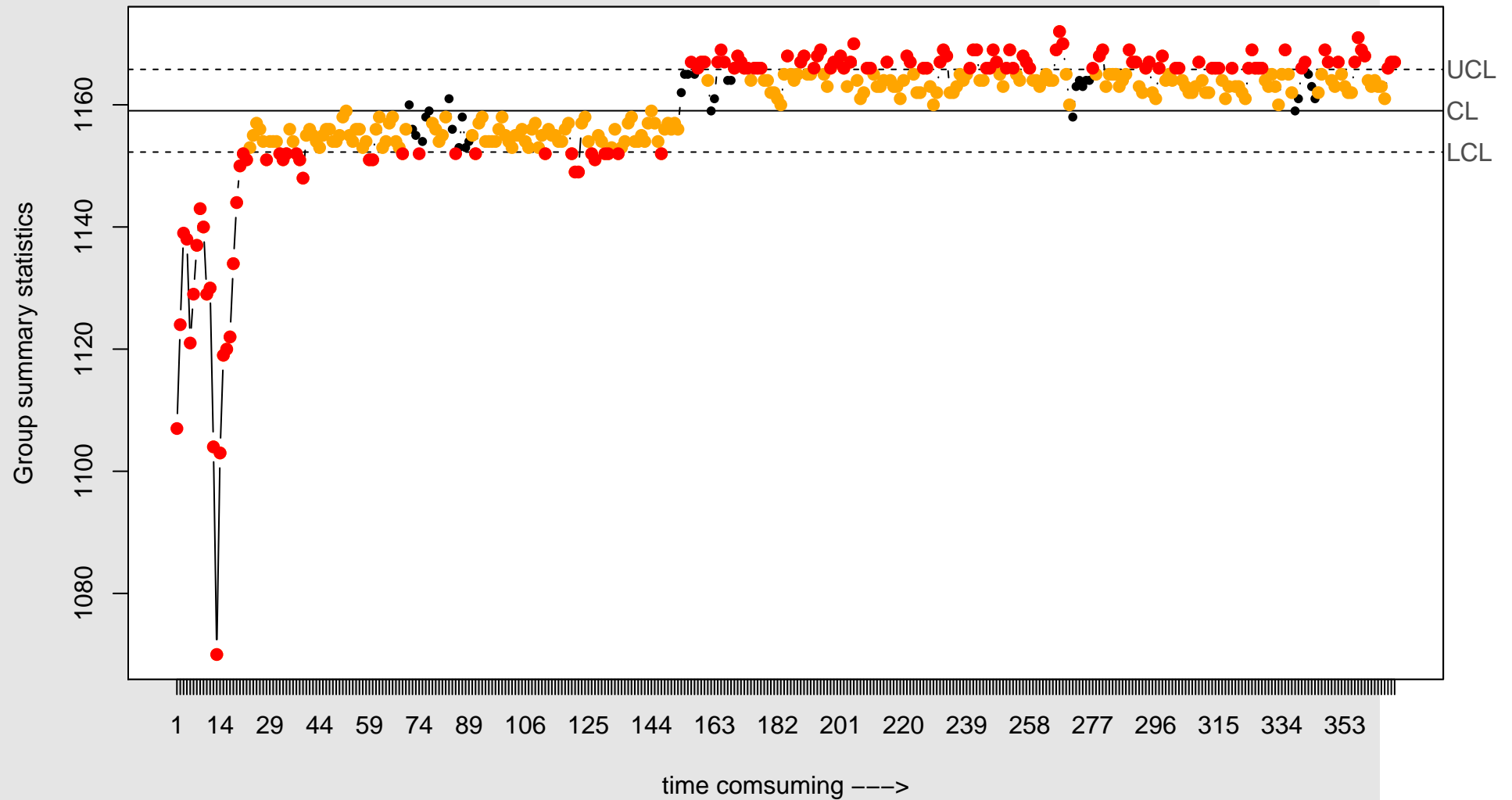
LCL = 1153.25

UCL = 1166.772

Number beyond limits = 119

Number violating runs = 335

267th column point of this product



Number of groups = 368

Center = 1159.033

StdDev = 2.256169

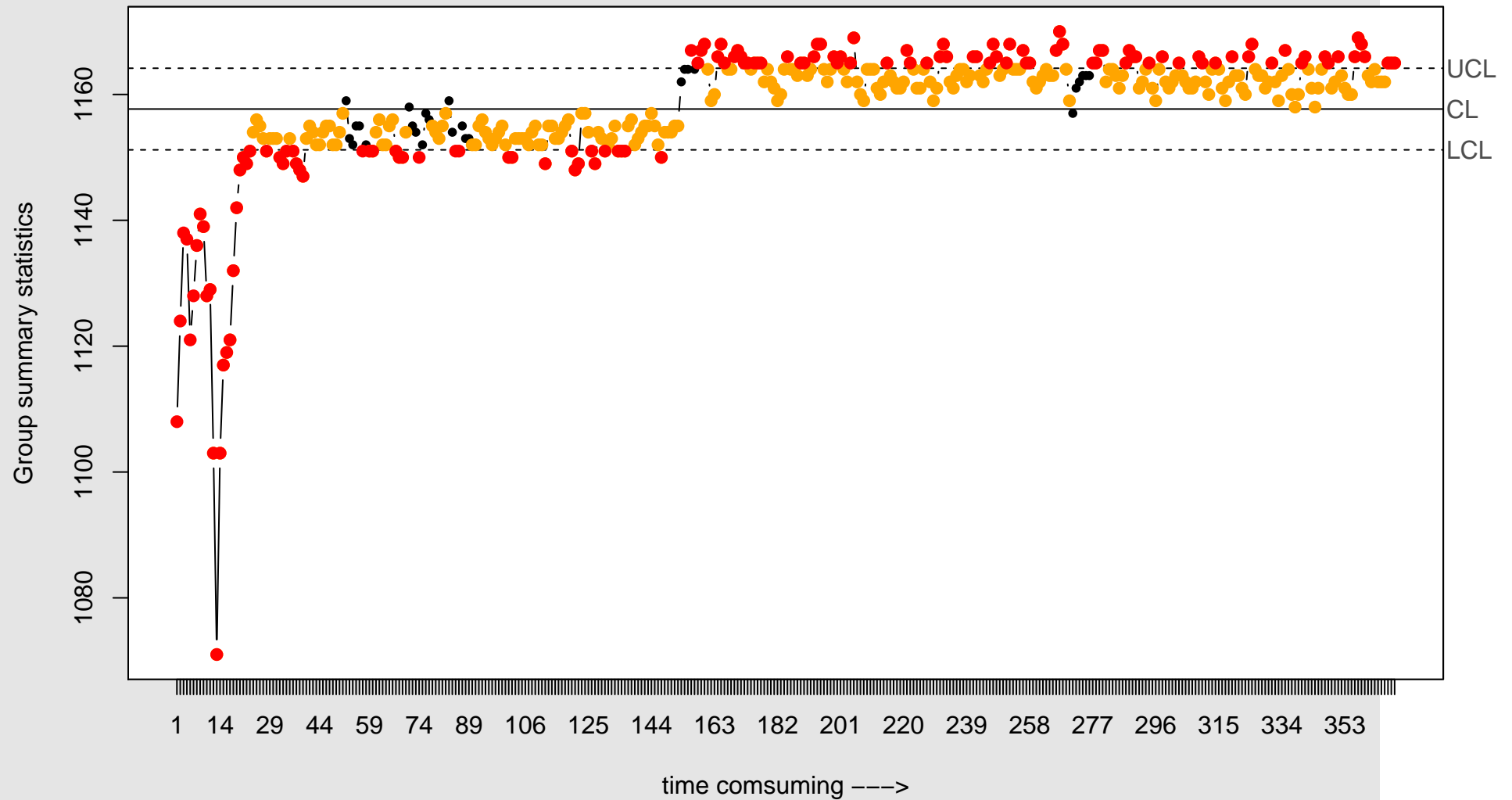
LCL = 1152.264

UCL = 1165.801

Number beyond limits = 134

Number violating runs = 321

268th column point of this product



Number of groups = 368

Center = 1157.685

StdDev = 2.161961

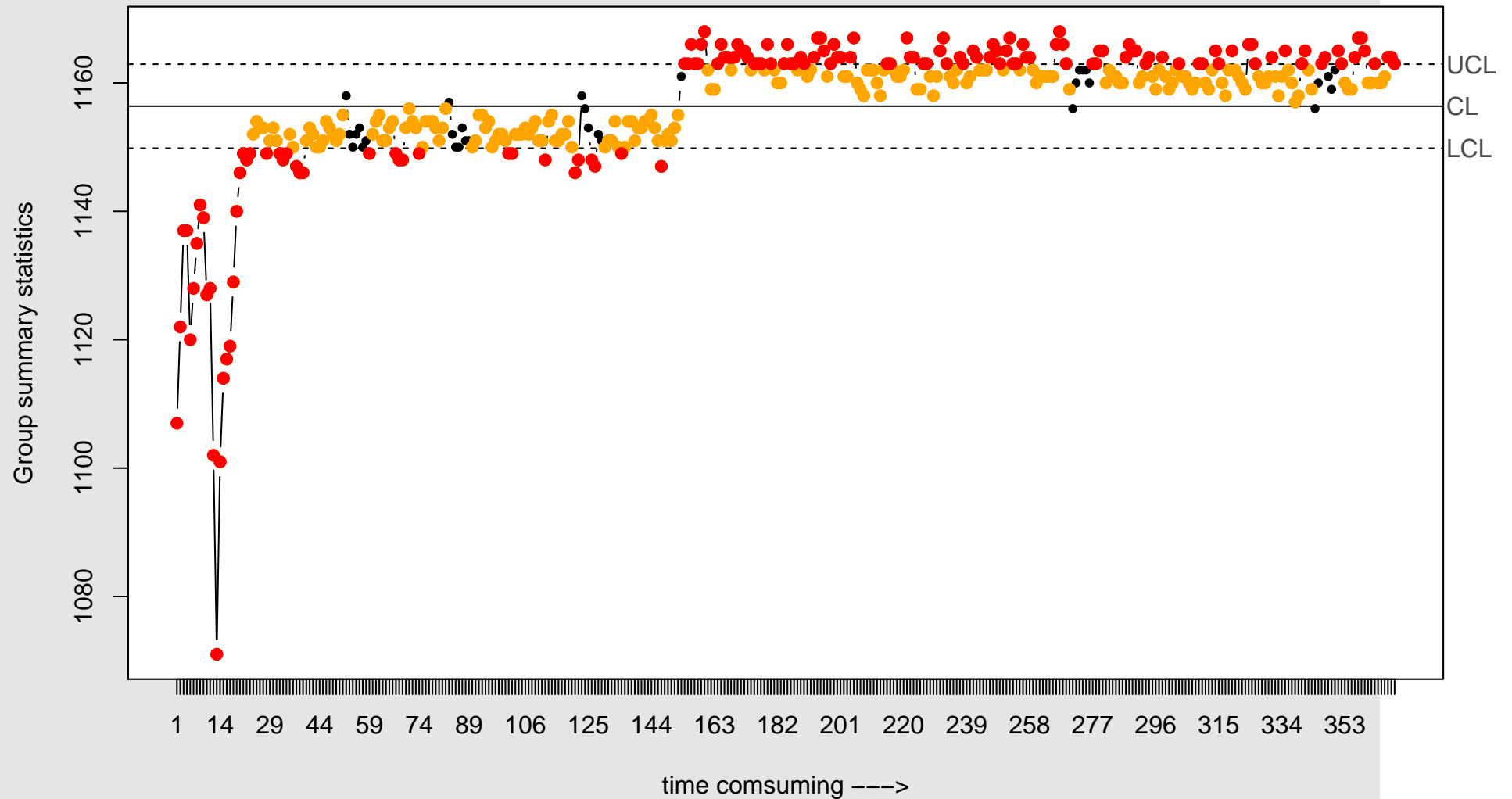
LCL = 1151.199

UCL = 1164.171

Number beyond limits = 130

Number violating runs = 328

269th column point of this product

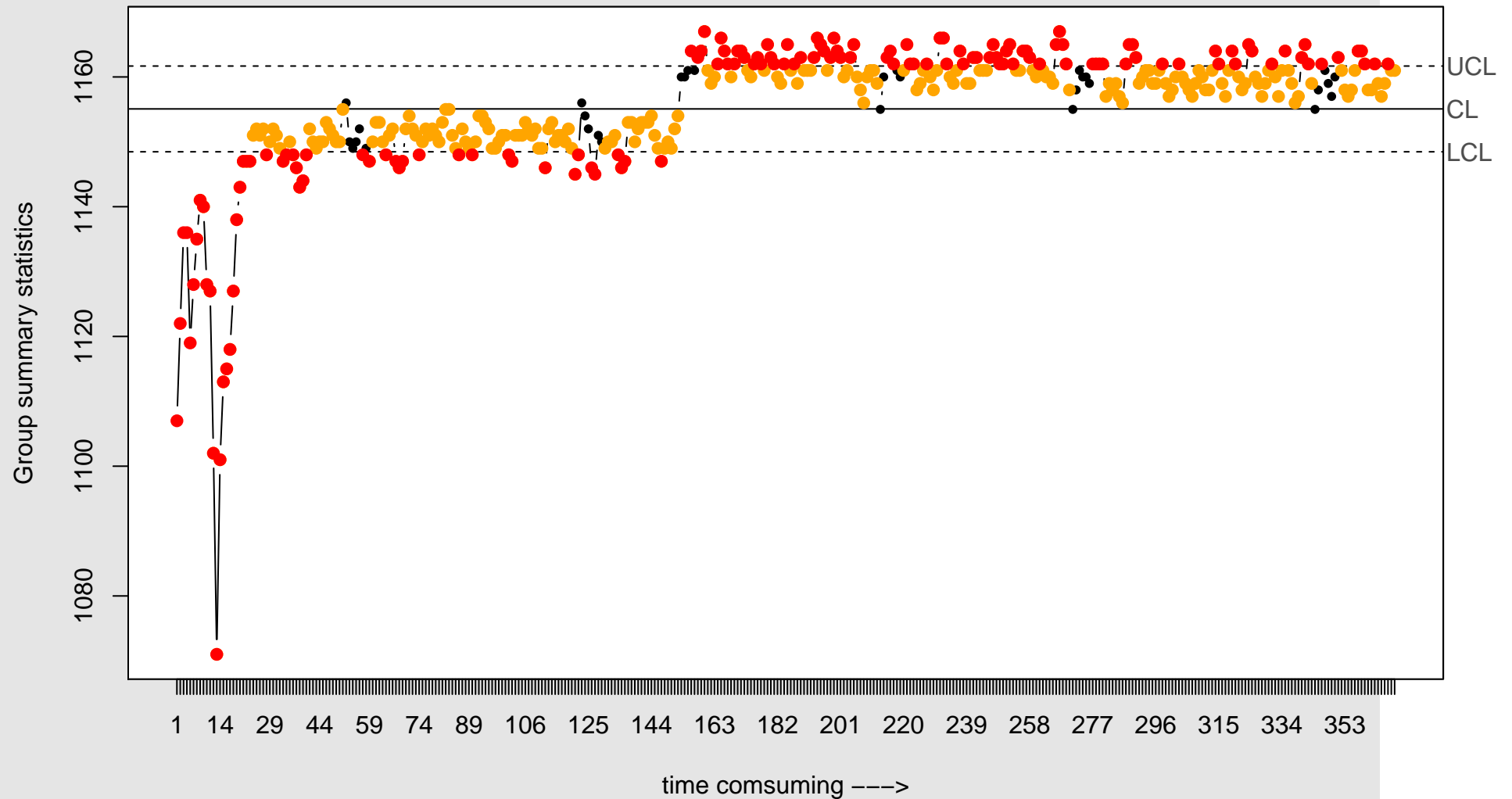


Number of groups = 368
Center = 1156.372
StdDev = 2.17887

LCL = 1149.836
UCL = 1162.909

Number beyond limits = 146
Number violating runs = 321

270th column point of this product

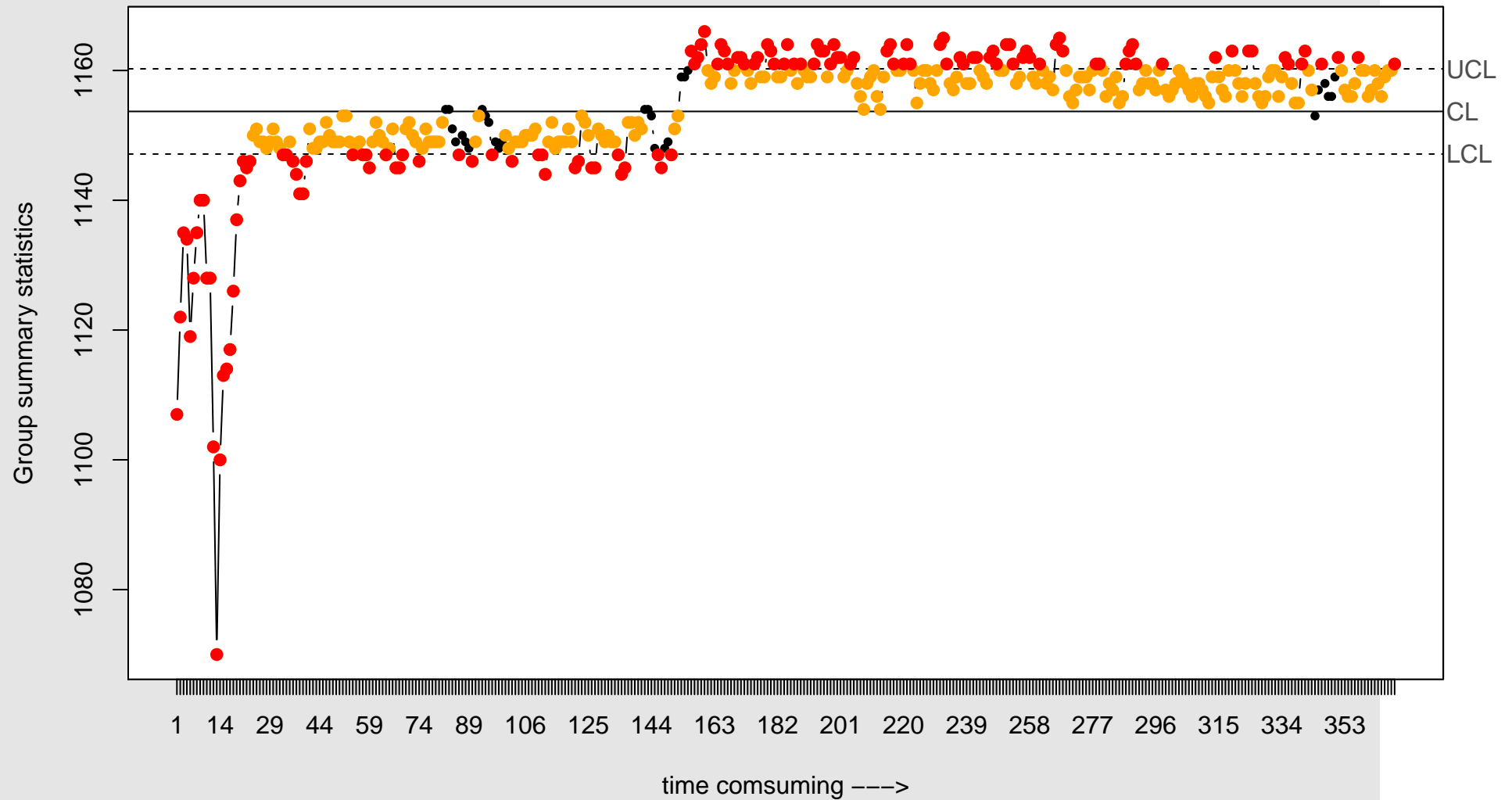


Number of groups = 368
Center = 1155.071
StdDev = 2.203026

LCL = 1148.462
UCL = 1161.68

Number beyond limits = 141
Number violating runs = 321

271th column point of this product



Number of groups = 368

Center = 1153.688

StdDev = 2.188533

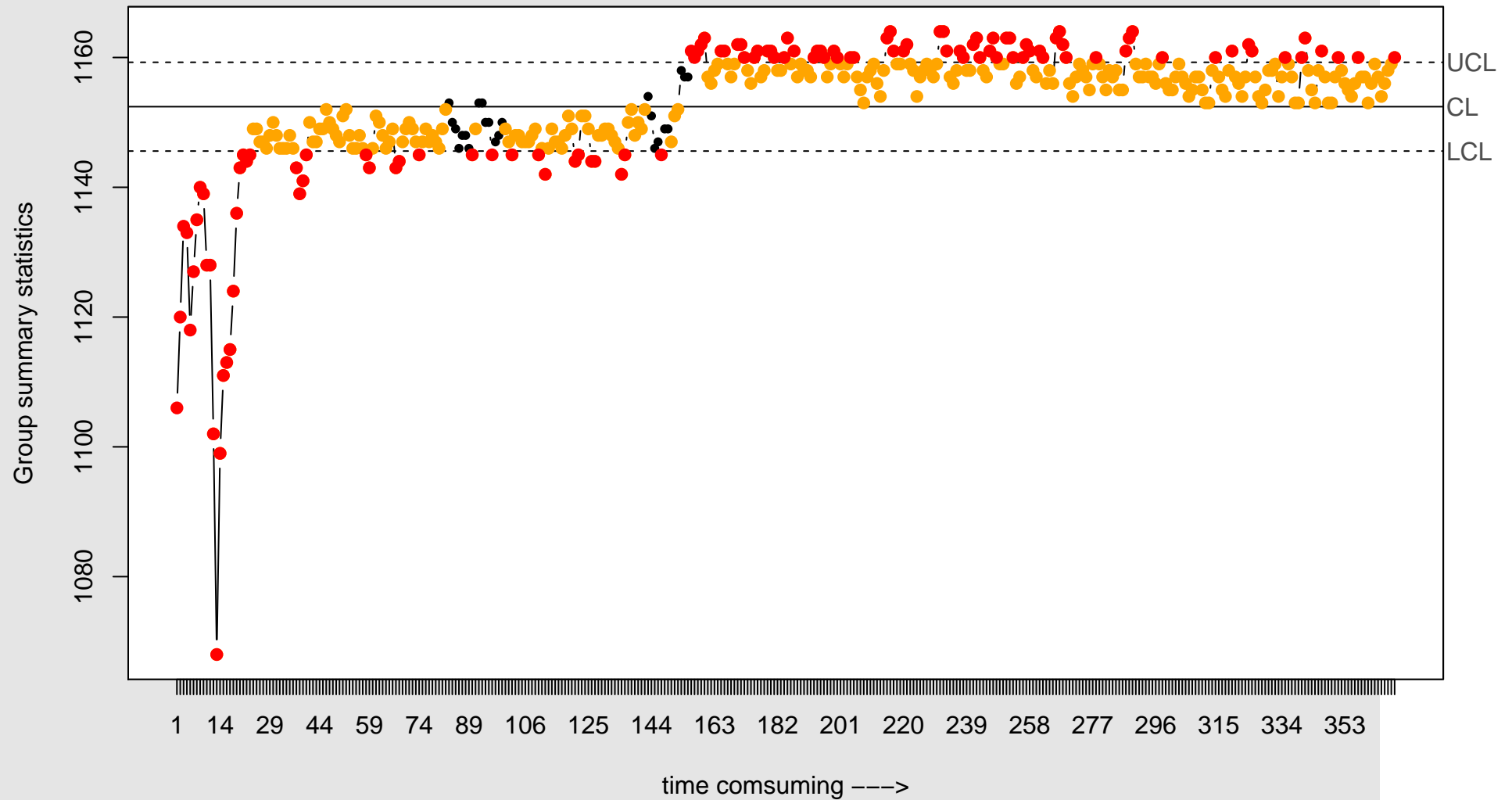
LCL = 1147.122

UCL = 1160.253

Number beyond limits = 132

Number violating runs = 326

272th column point of this product



Number of groups = 368

Center = 1152.421

StdDev = 2.280325

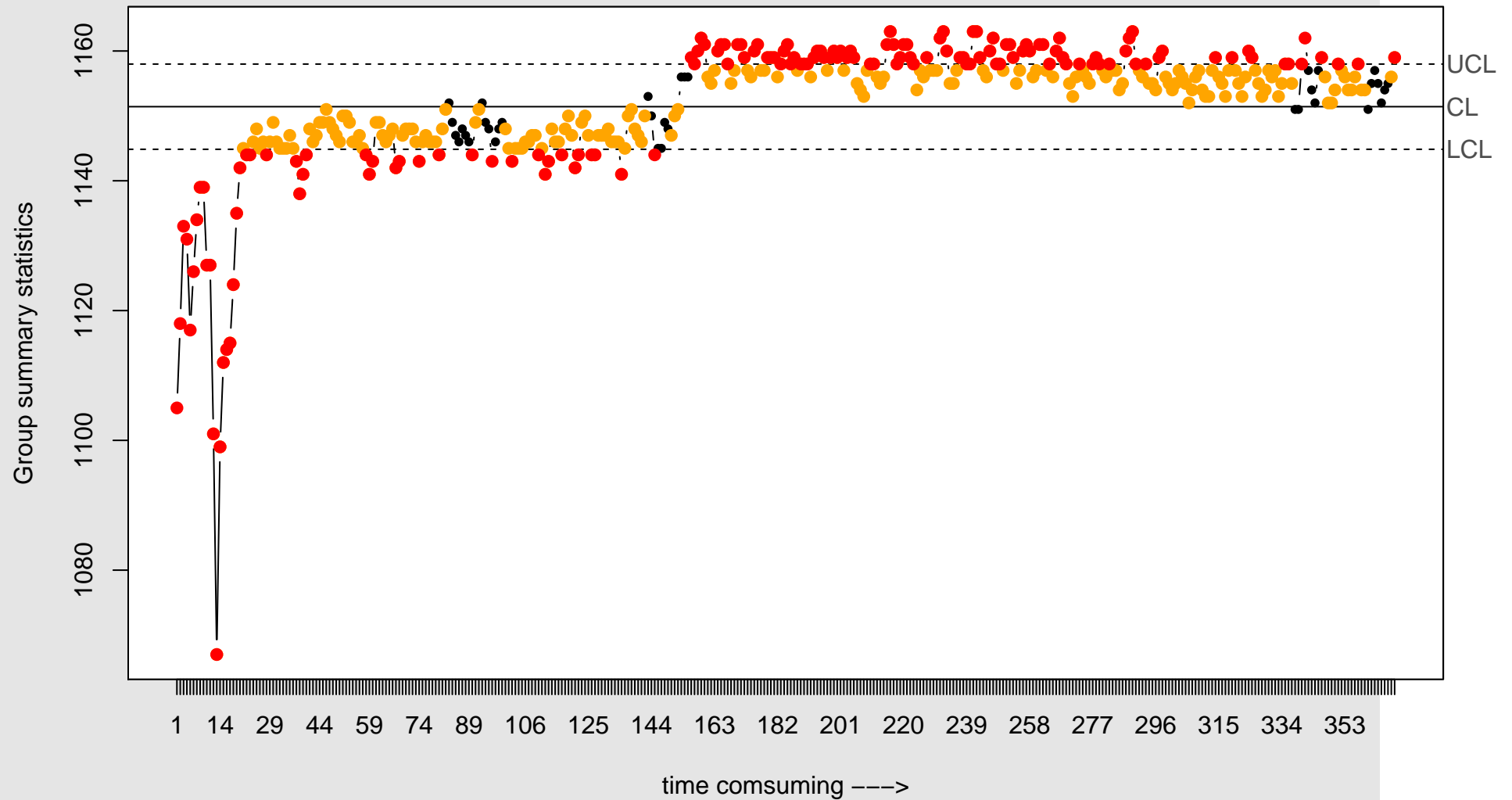
LCL = 1145.58

UCL = 1159.262

Number beyond limits = 114

Number violating runs = 334

273th column point of this product



Number of groups = 368

Center = 1151.421

StdDev = 2.188533

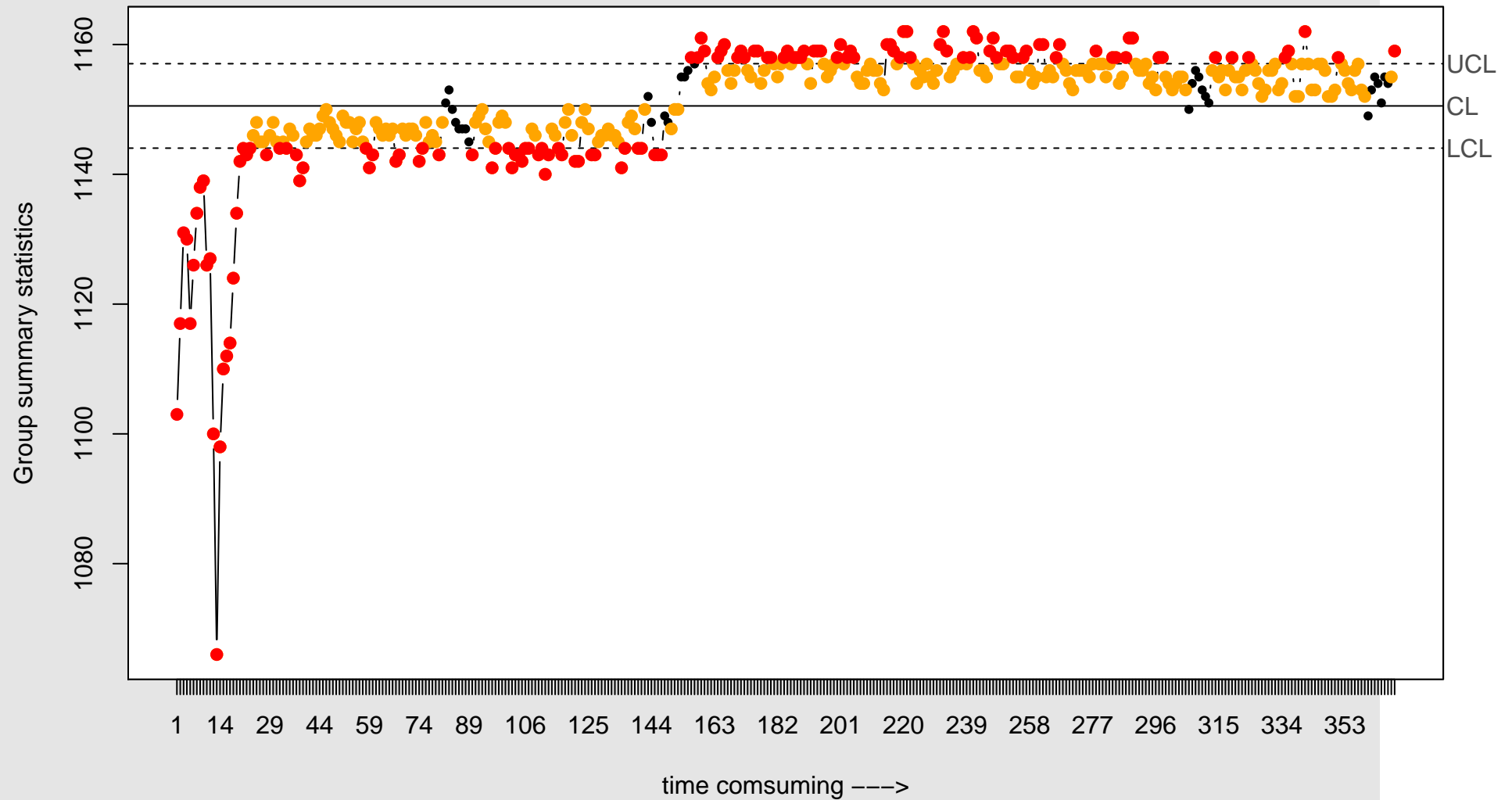
LCL = 1144.856

UCL = 1157.987

Number beyond limits = 146

Number violating runs = 320

274th column point of this product



Number of groups = 368

Center = 1150.538

StdDev = 2.169208

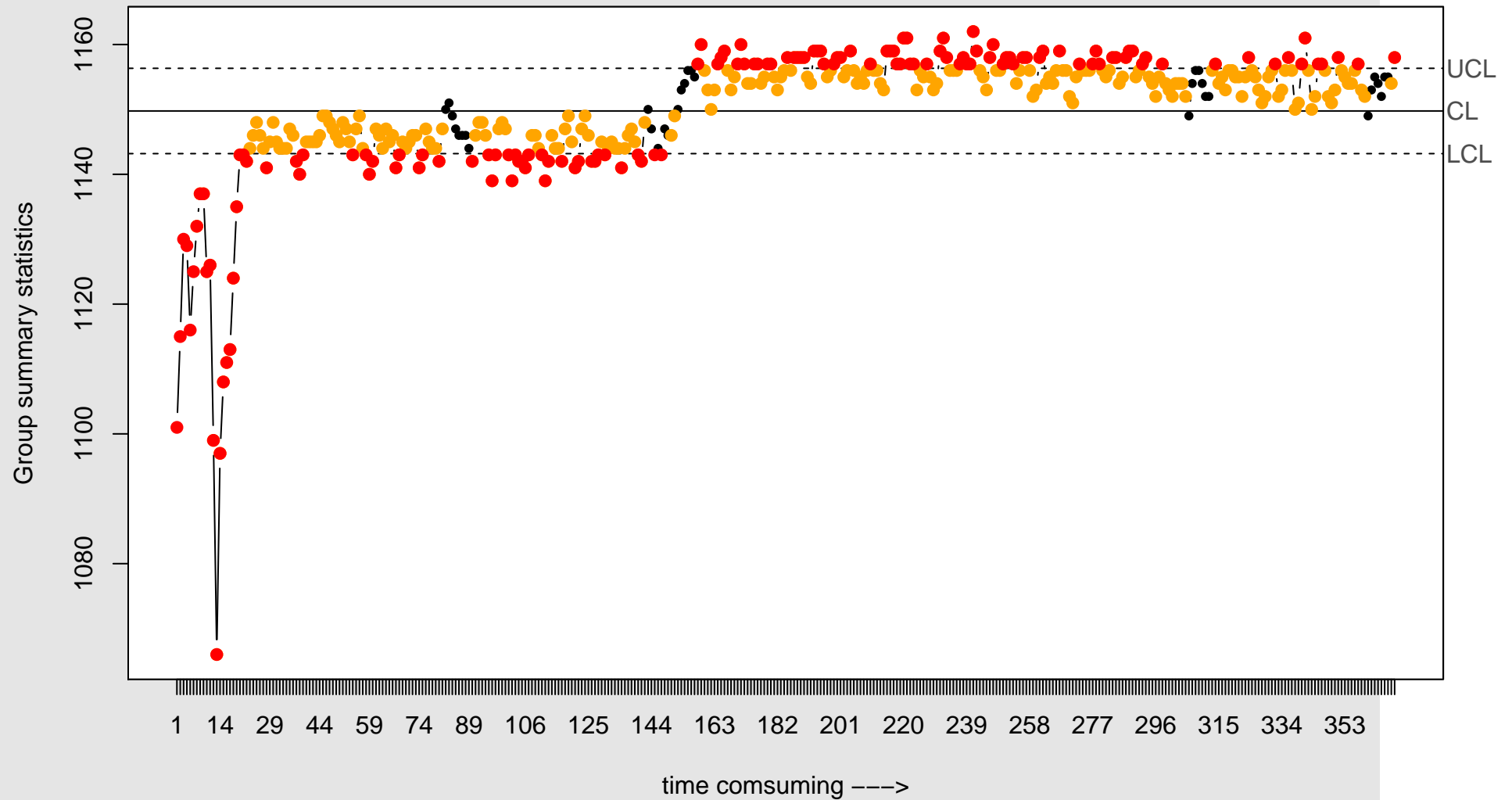
LCL = 1144.03

UCL = 1157.046

Number beyond limits = 134

Number violating runs = 327

275th column point of this product



Number of groups = 368

Center = 1149.761

StdDev = 2.190948

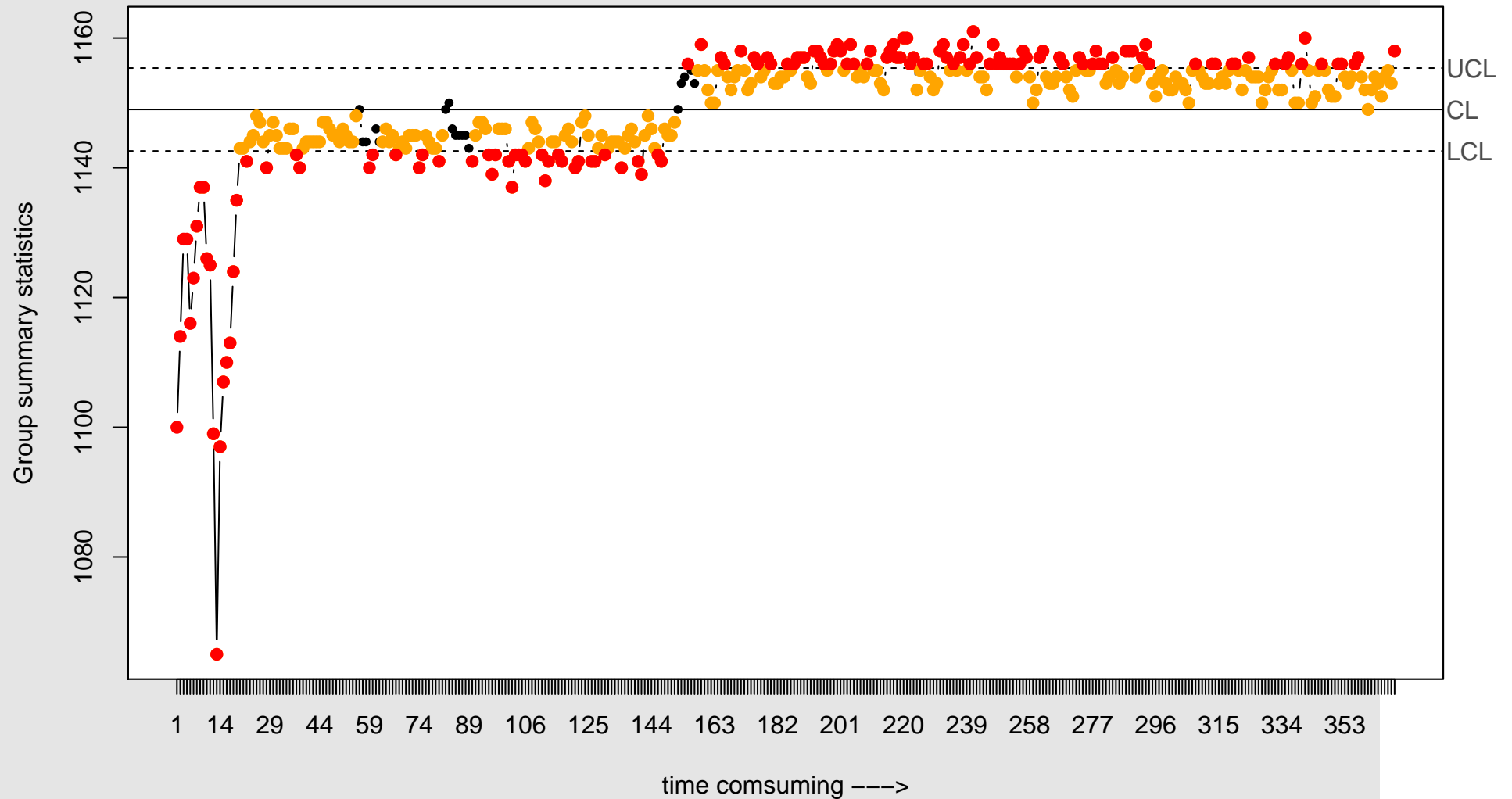
LCL = 1143.188

UCL = 1156.334

Number beyond limits = 140

Number violating runs = 327

276th column point of this product



Number of groups = 368

Center = 1148.981

StdDev = 2.130558

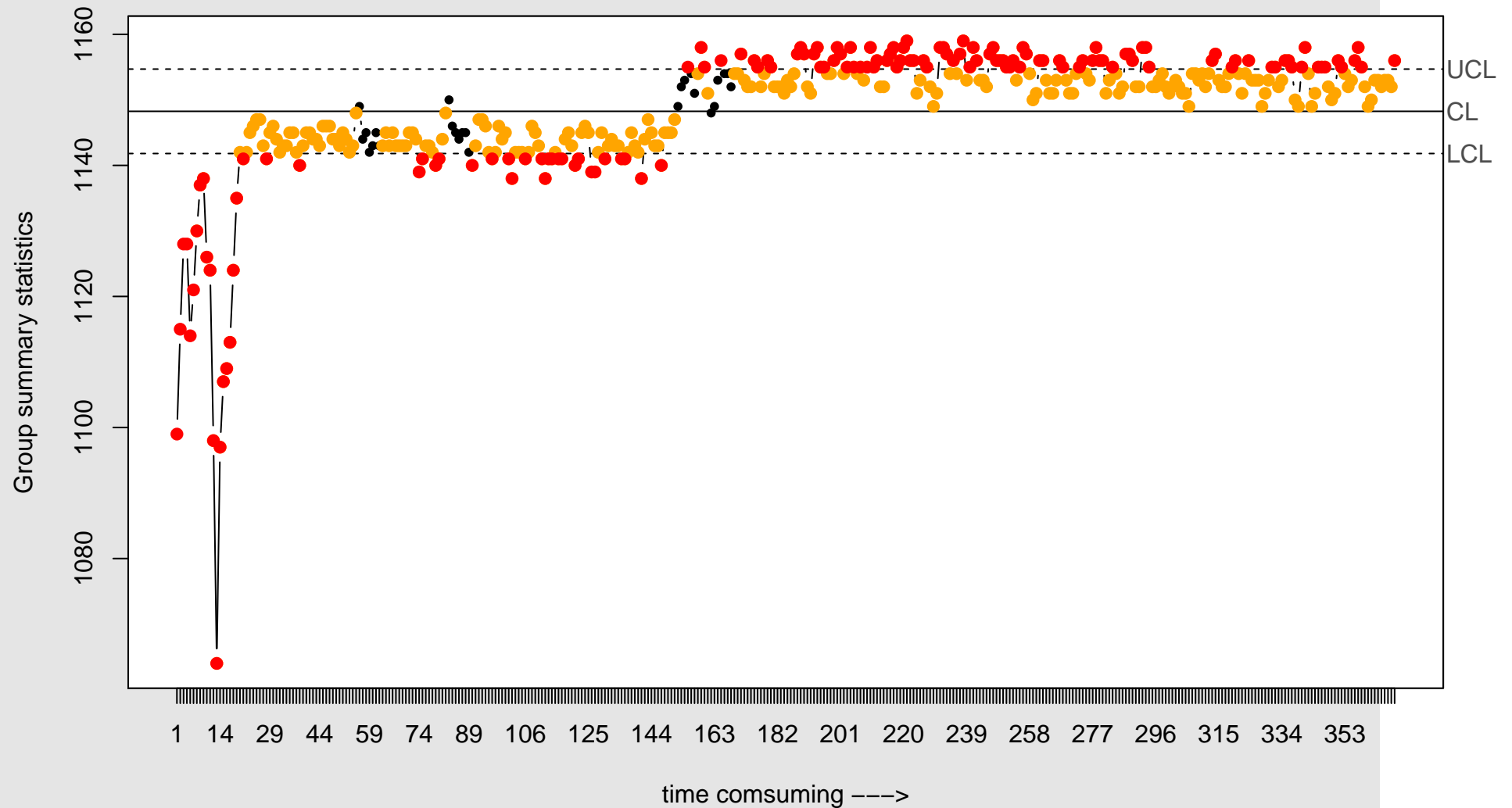
LCL = 1142.589

UCL = 1155.373

Number beyond limits = 146

Number violating runs = 341

277th column point of this product



Number of groups = 368

Center = 1148.253

StdDev = 2.147467

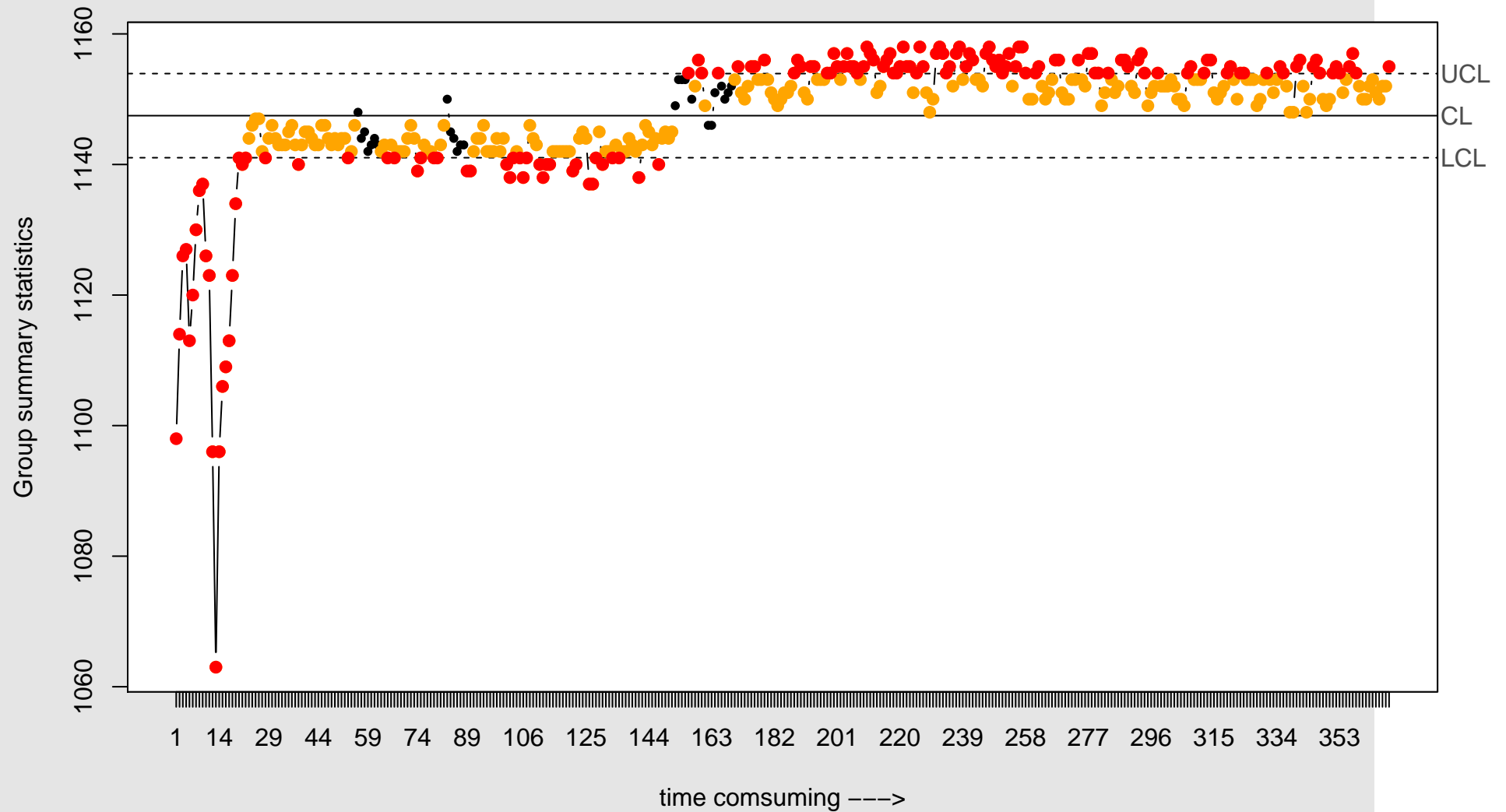
LCL = 1141.81

UCL = 1154.695

Number beyond limits = 142

Number violating runs = 335

278th column point of this product

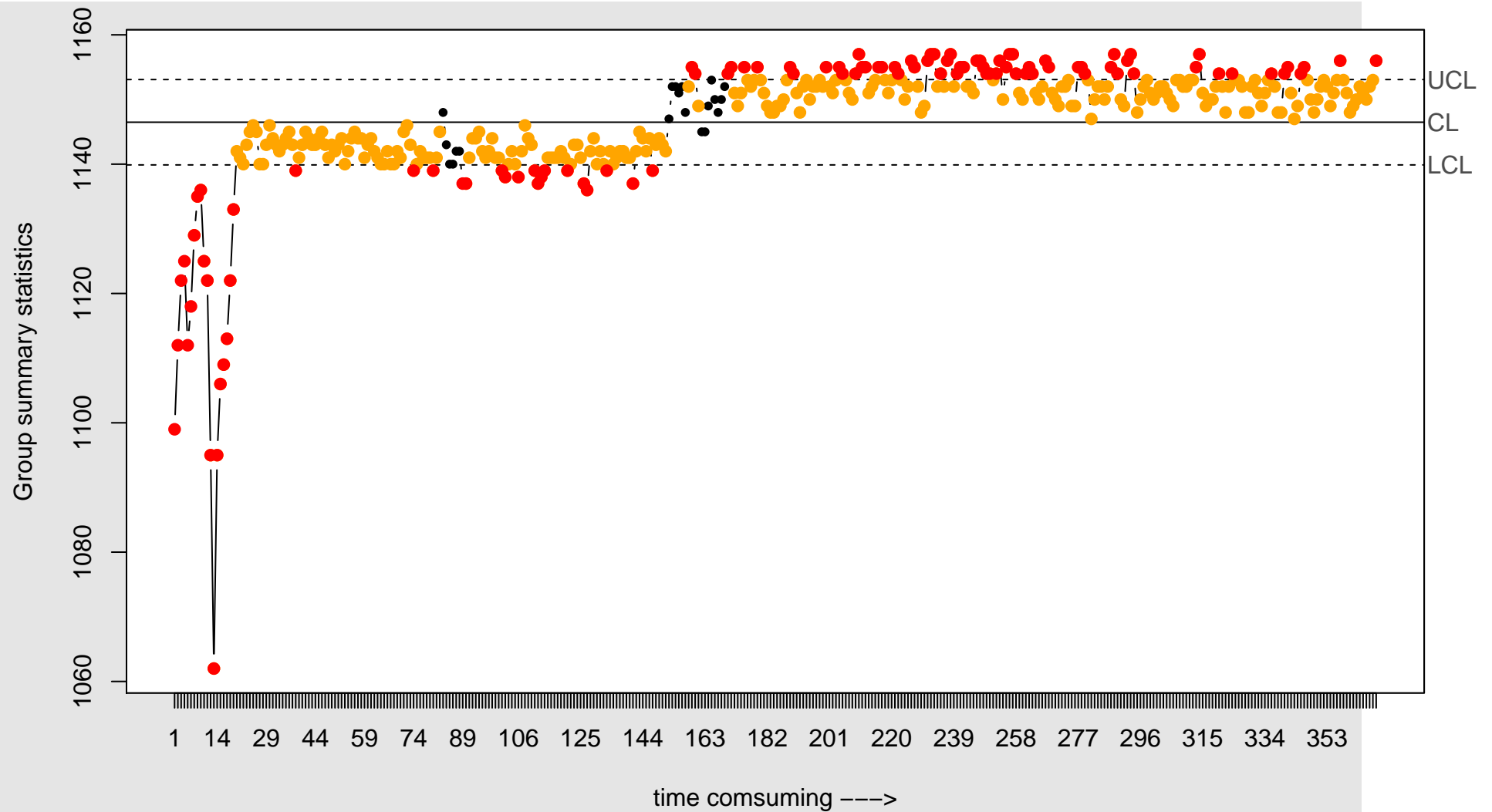


Number of groups = 368
Center = 1147.478
StdDev = 2.147467

LCL = 1141.036
UCL = 1153.921

Number beyond limits = 154
Number violating runs = 334

279th column point of this product

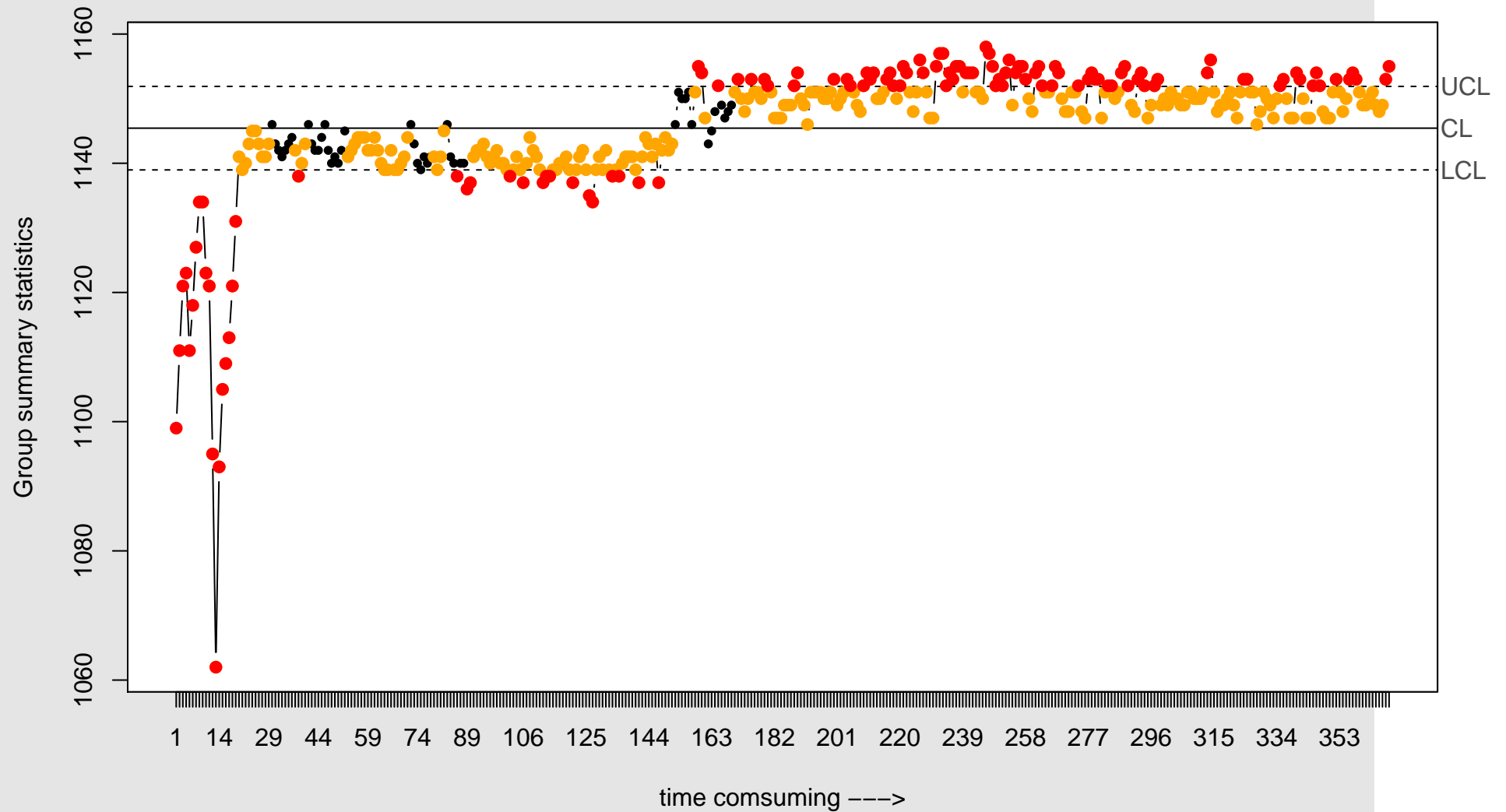


Number of groups = 368
Center = 1146.486
StdDev = 2.200611

LCL = 1139.885
UCL = 1153.088

Number beyond limits = 103
Number violating runs = 341

280th column point of this product

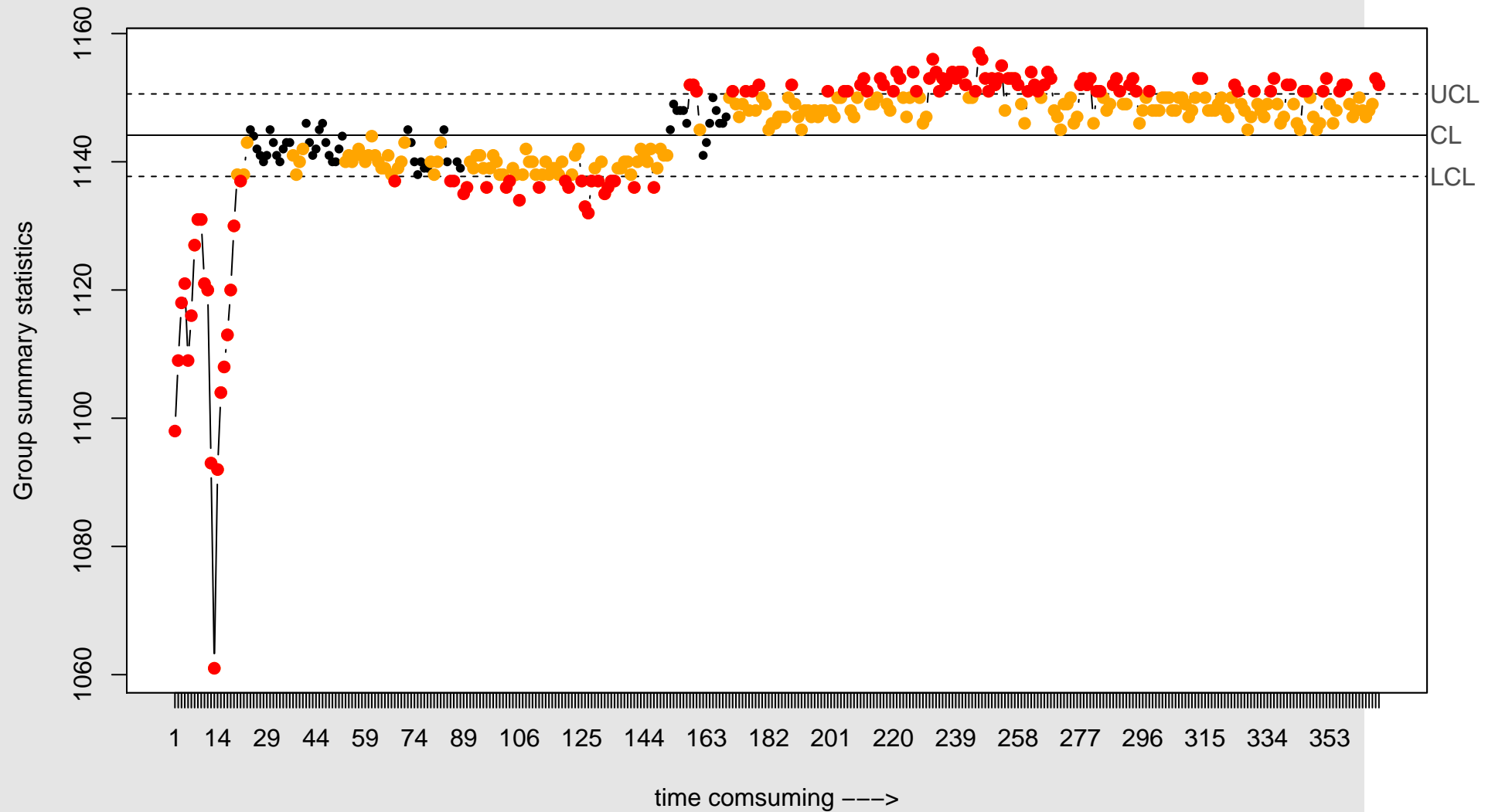


Number of groups = 368
Center = 1145.432
StdDev = 2.154714

LCL = 1138.968
UCL = 1151.896

Number beyond limits = 120
Number violating runs = 315

281th column point of this product



Number of groups = 368

Center = 1144.149

StdDev = 2.145052

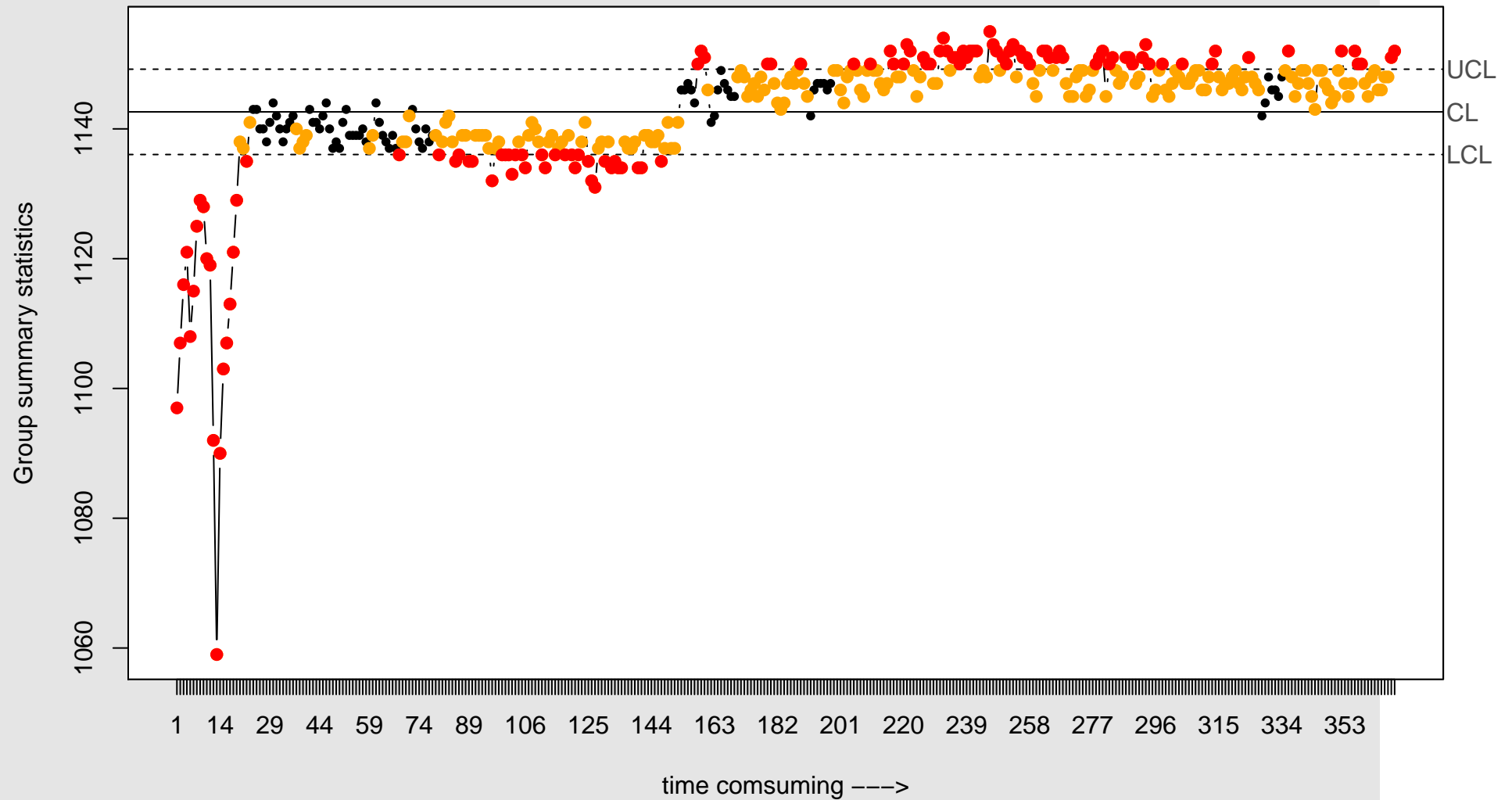
LCL = 1137.714

UCL = 1150.585

Number beyond limits = 127

Number violating runs = 309

282th column point of this product



Number of groups = 368

Center = 1142.622

StdDev = 2.190948

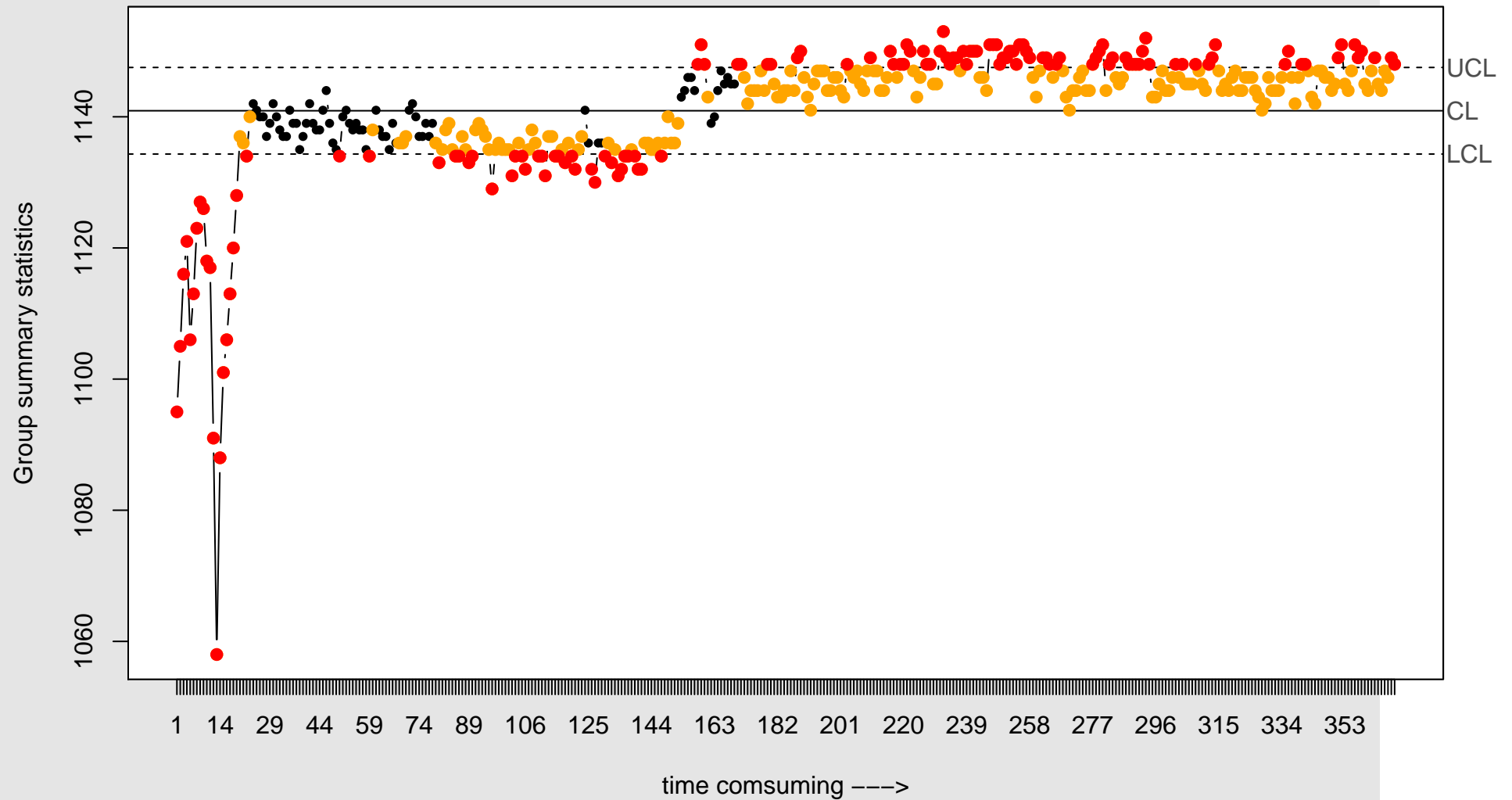
LCL = 1136.049

UCL = 1149.195

Number beyond limits = 119

Number violating runs = 289

283th column point of this product



Number of groups = 368

Center = 1140.921

StdDev = 2.200611

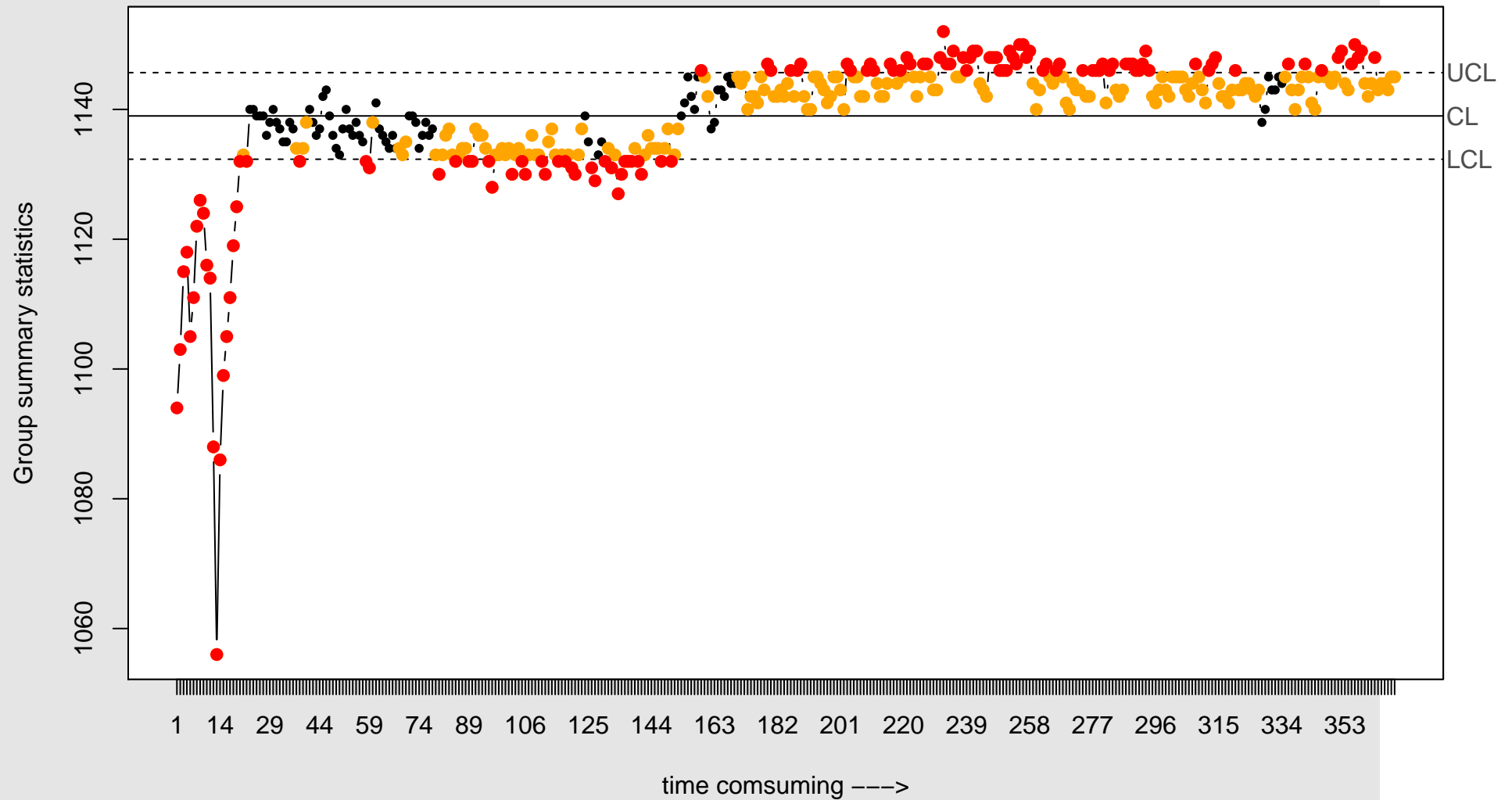
LCL = 1134.319

UCL = 1147.523

Number beyond limits = 133

Number violating runs = 291

284th column point of this product



Number of groups = 368

Center = 1138.995

StdDev = 2.224767

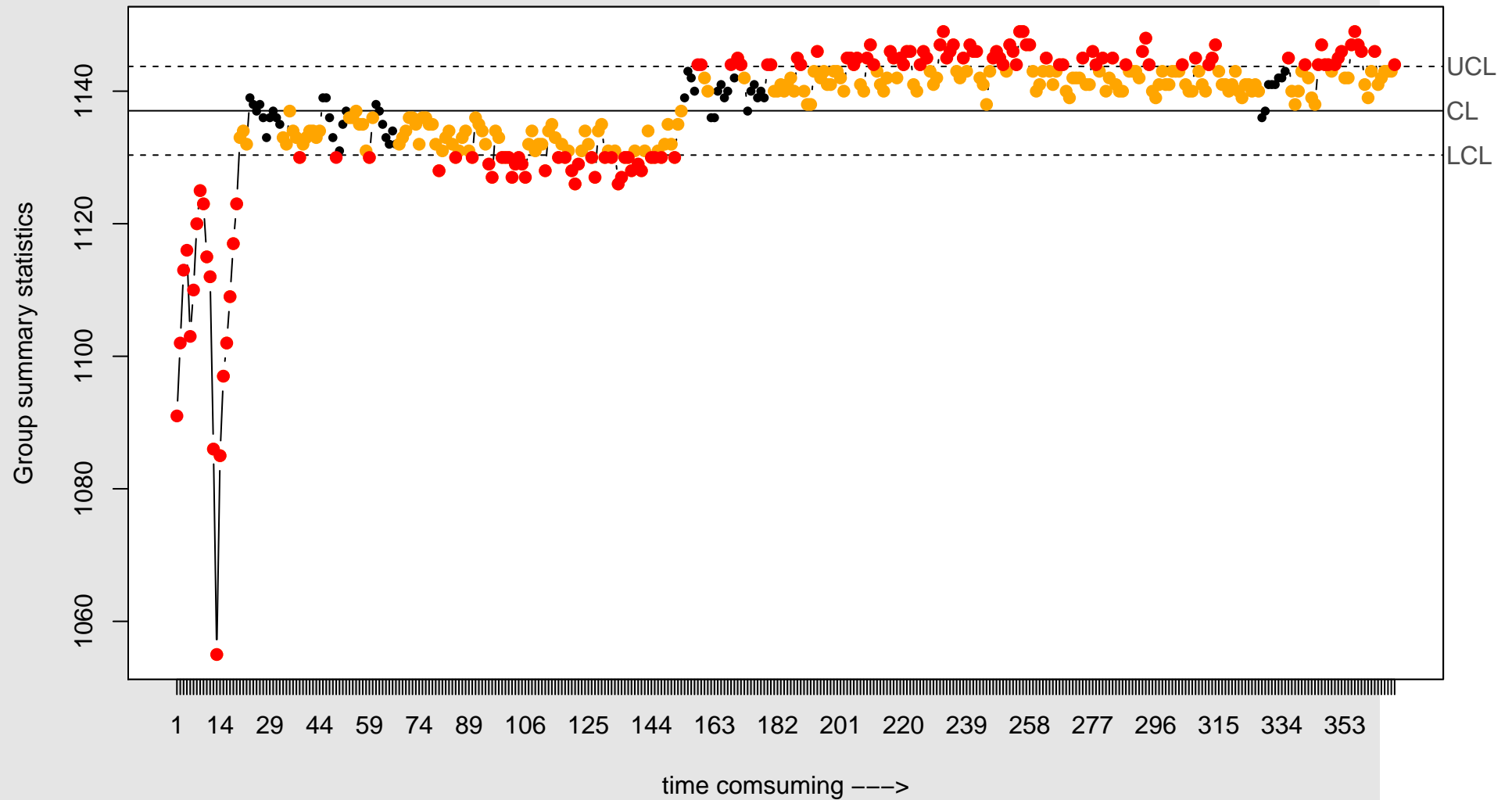
LCL = 1132.32

UCL = 1145.669

Number beyond limits = 127

Number violating runs = 287

285th column point of this product



Number of groups = 368

Center = 1137.046

StdDev = 2.229598

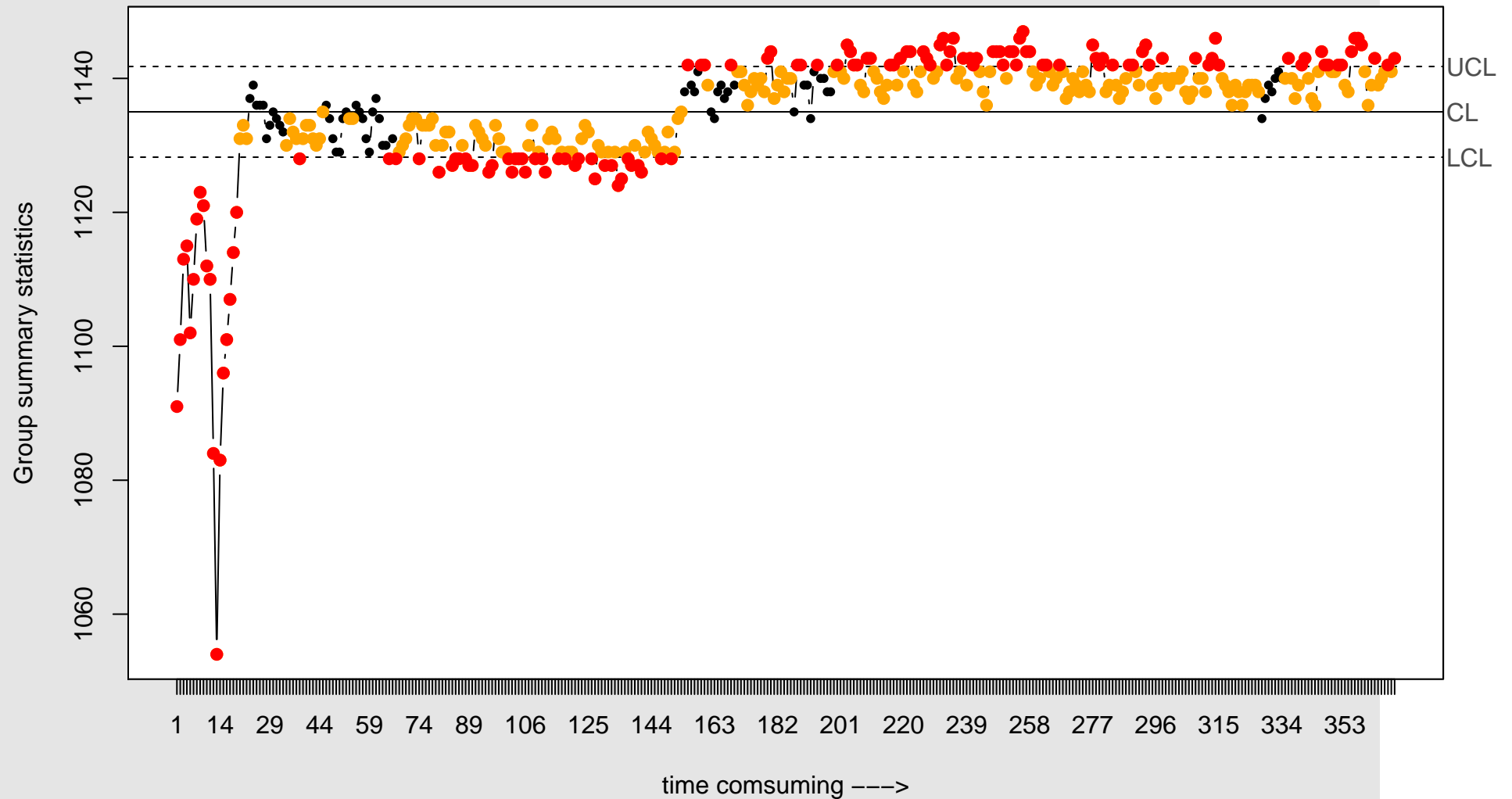
LCL = 1130.357

UCL = 1143.735

Number beyond limits = 134

Number violating runs = 308

286th column point of this product



Number of groups = 368

Center = 1135.008

StdDev = 2.256169

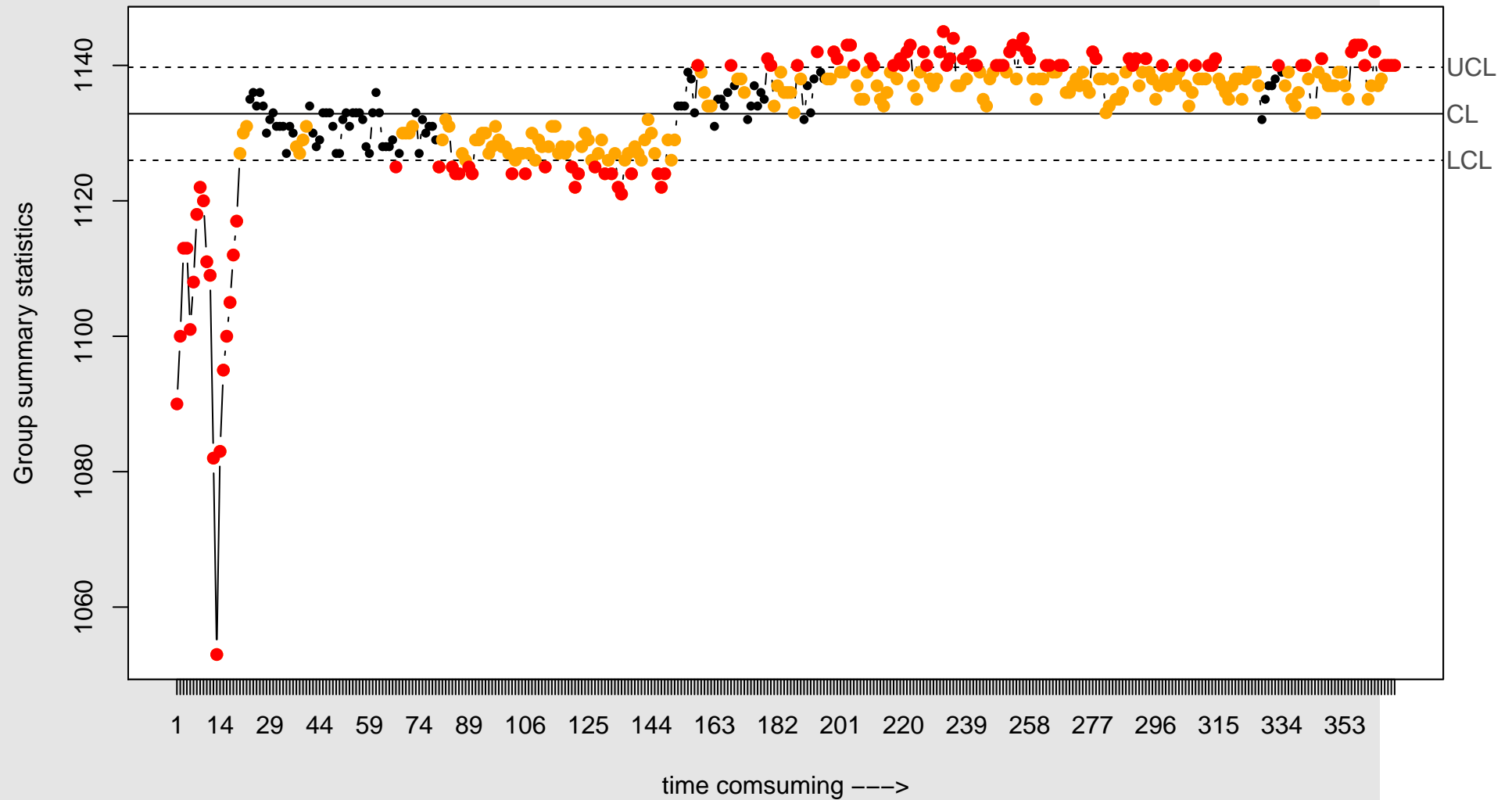
LCL = 1128.24

UCL = 1141.777

Number beyond limits = 135

Number violating runs = 298

287th column point of this product



Number of groups = 368

Center = 1132.856

StdDev = 2.289988

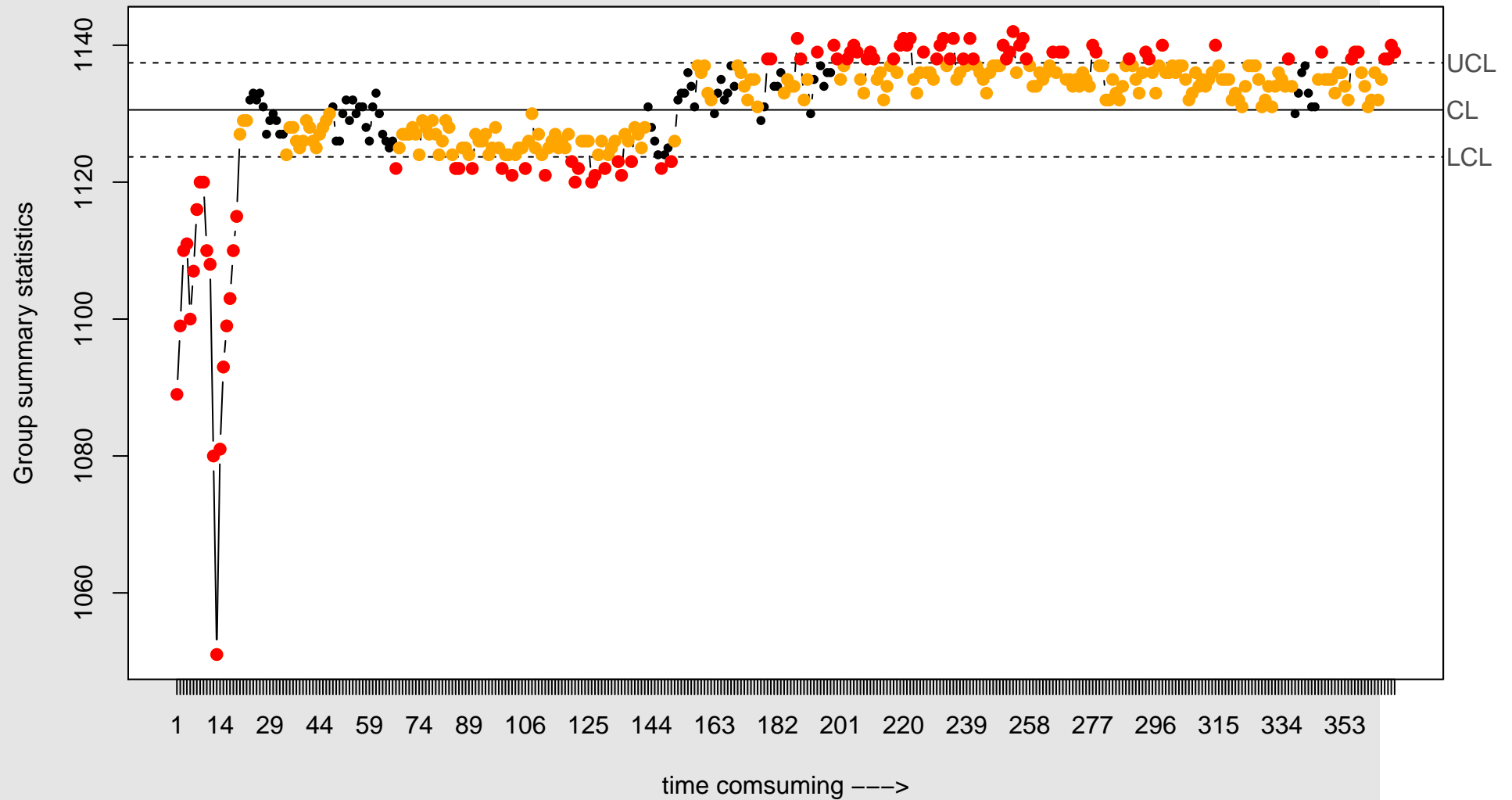
LCL = 1125.986

UCL = 1139.726

Number beyond limits = 109

Number violating runs = 279

288th column point of this product

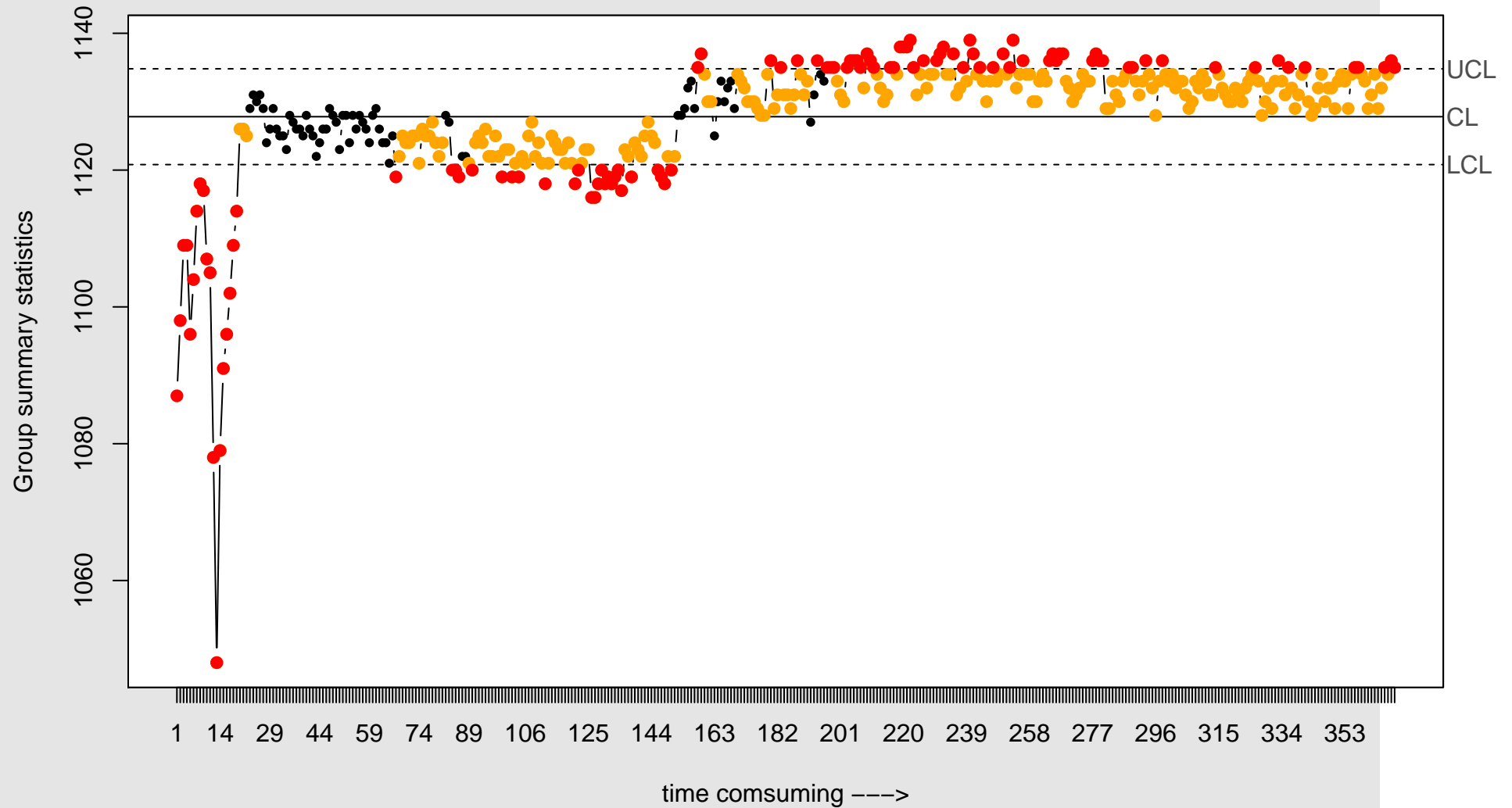


Number of groups = 368
Center = 1130.557
StdDev = 2.289988

LCL = 1123.687
UCL = 1137.427

Number beyond limits = 92
Number violating runs = 290

289th column point of this product



Number of groups = 368

Center = 1127.804

StdDev = 2.333469

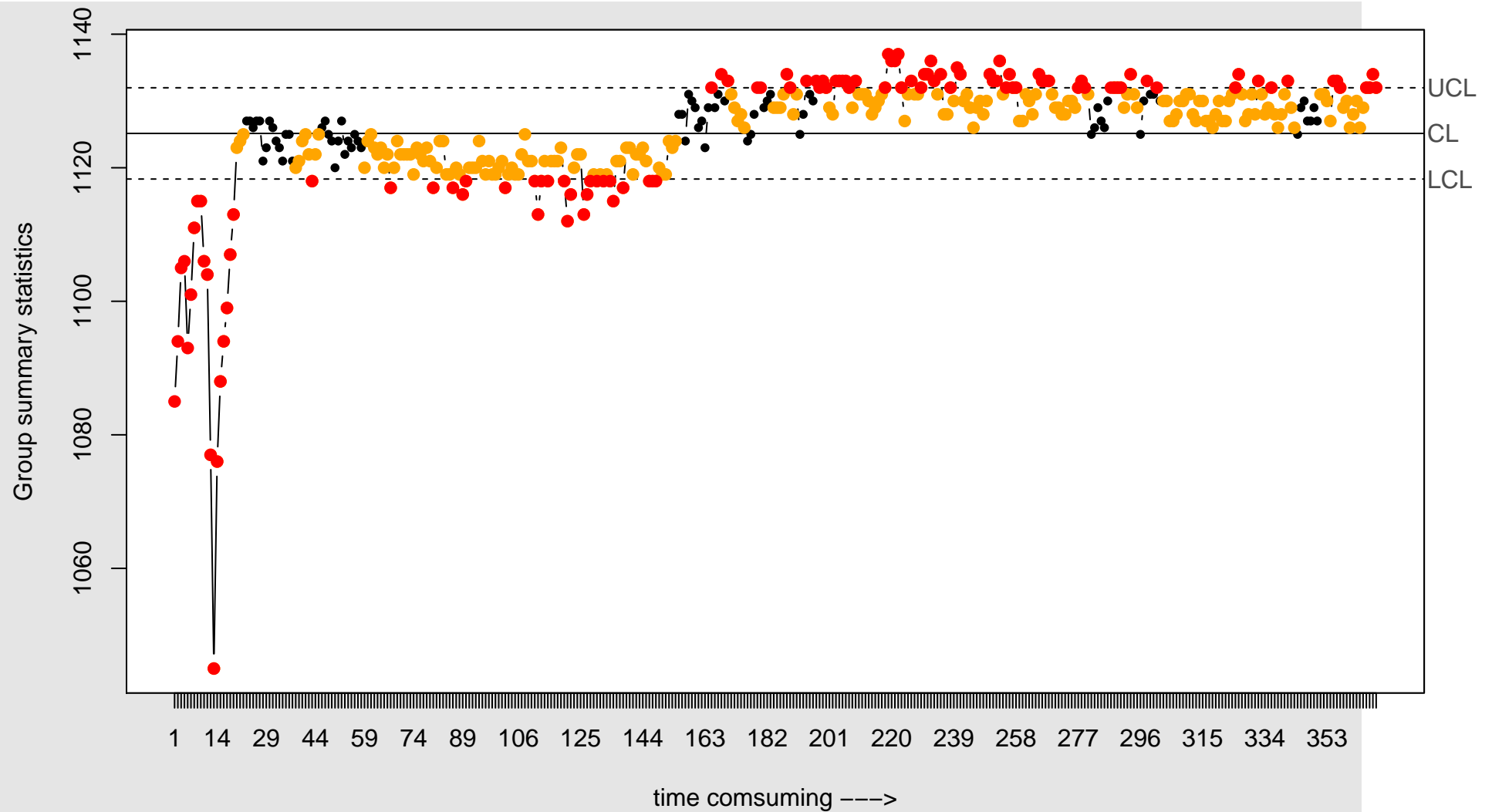
LCL = 1120.804

UCL = 1134.805

Number beyond limits = 106

Number violating runs = 290

290th column point of this product

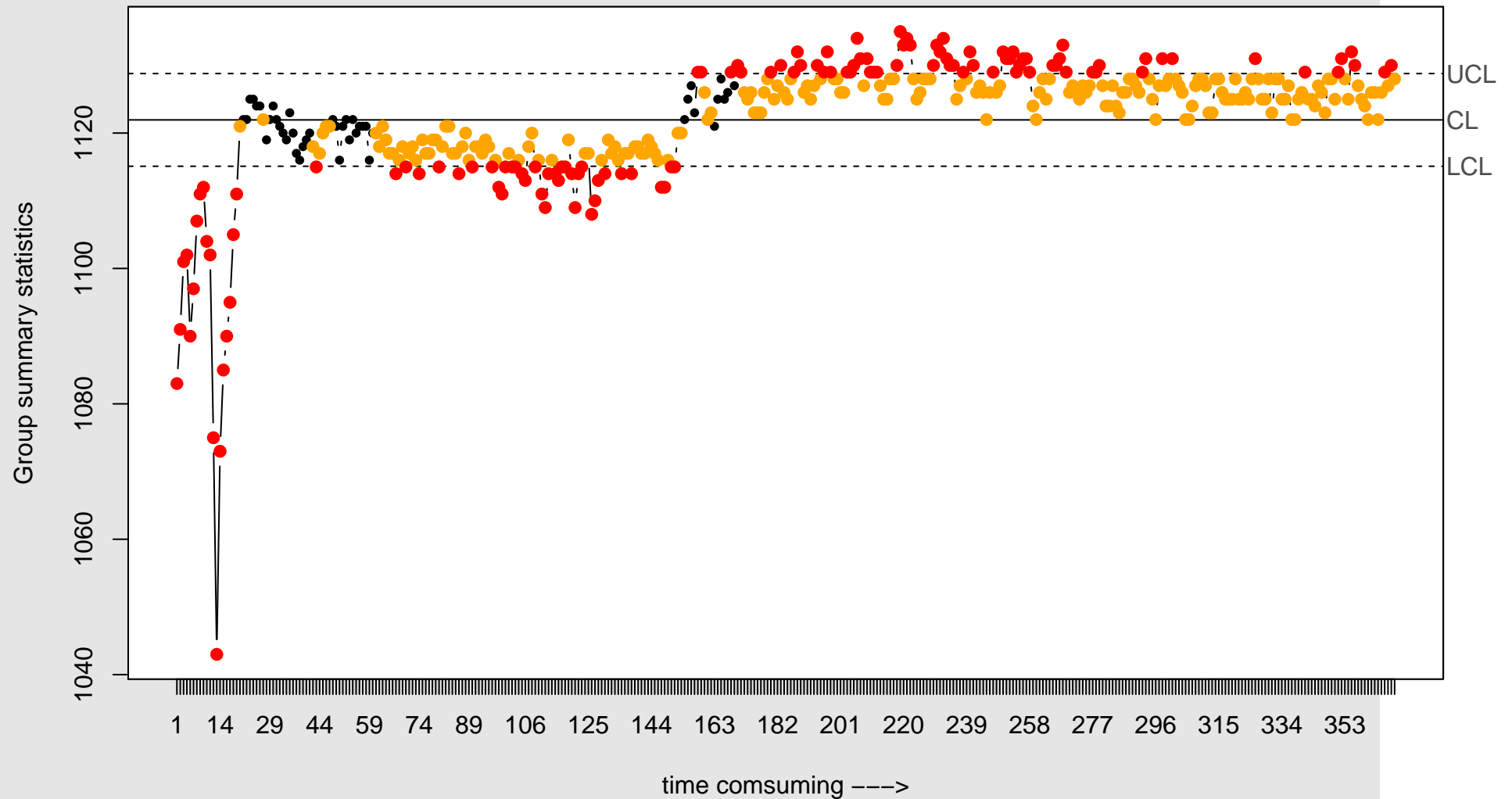


Number of groups = 368
Center = 1125.141
StdDev = 2.27791

LCL = 1118.308
UCL = 1131.975

Number beyond limits = 112
Number violating runs = 283

291th column point of this product



Number of groups = 368

Center = 1121.946

StdDev = 2.282741

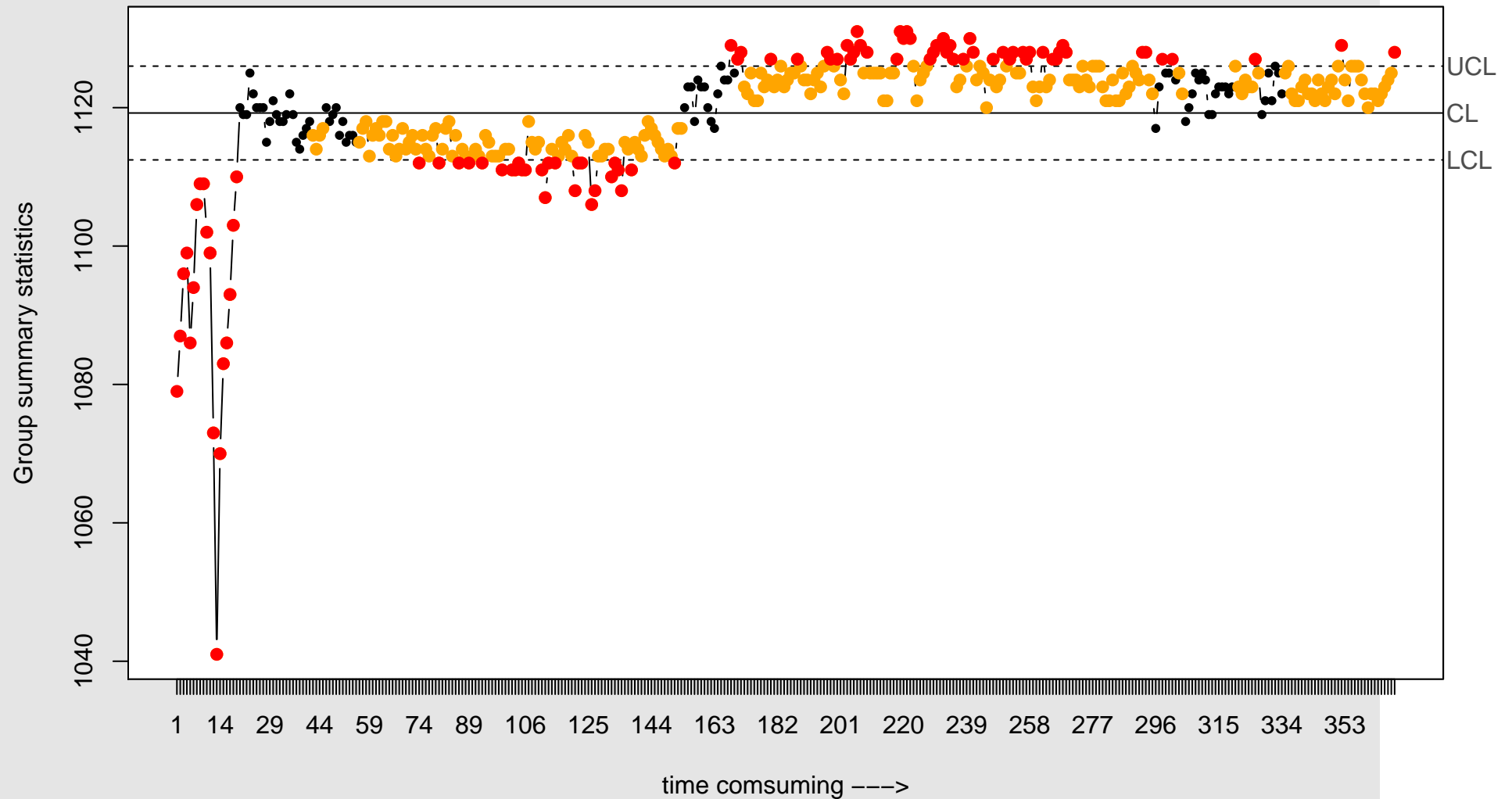
LCL = 1115.097

UCL = 1128.794

Number beyond limits = 124

Number violating runs = 316

292th column point of this product



Number of groups = 368

Center = 1119.226

StdDev = 2.258585

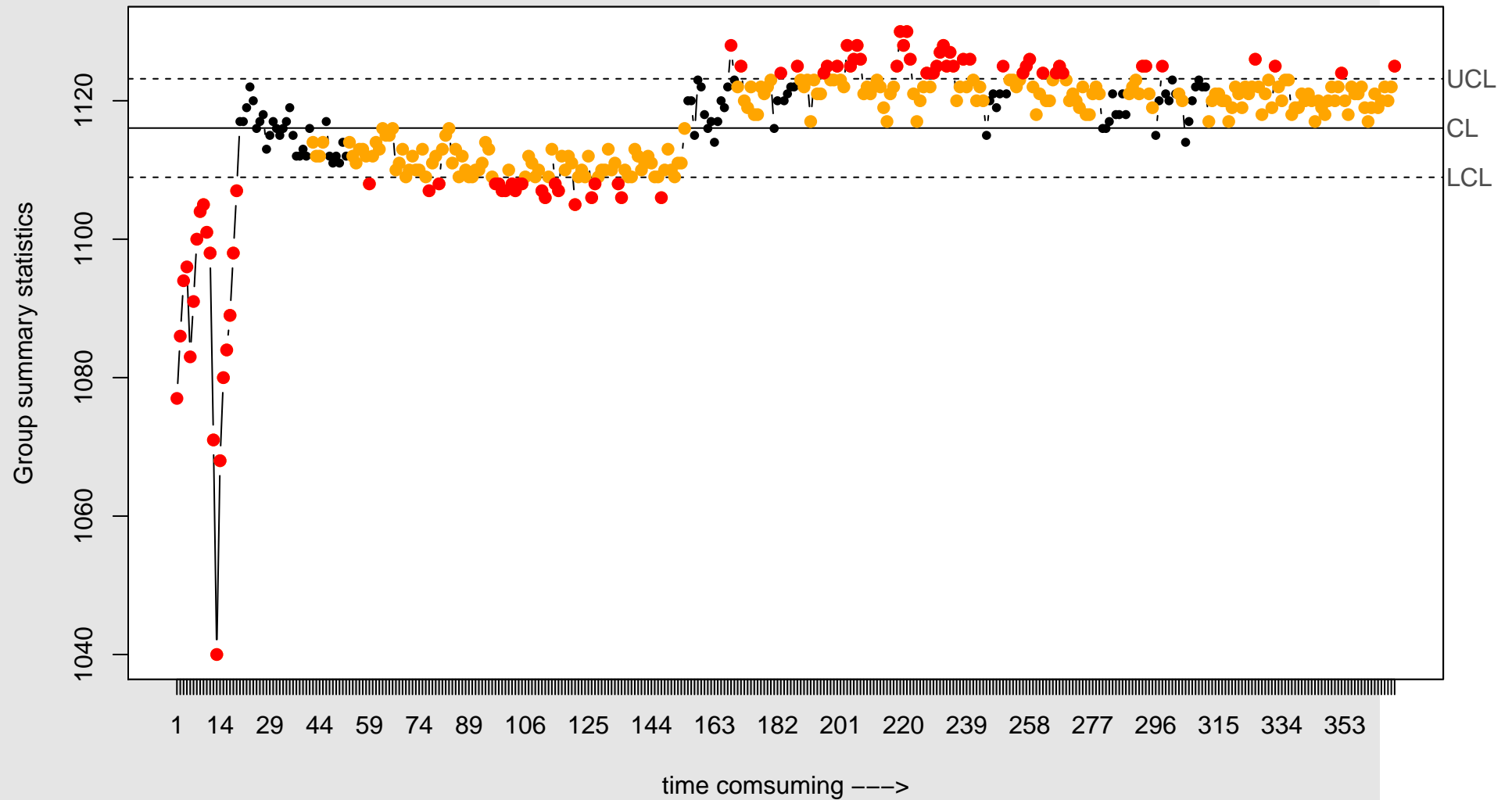
LCL = 1112.45

UCL = 1126.001

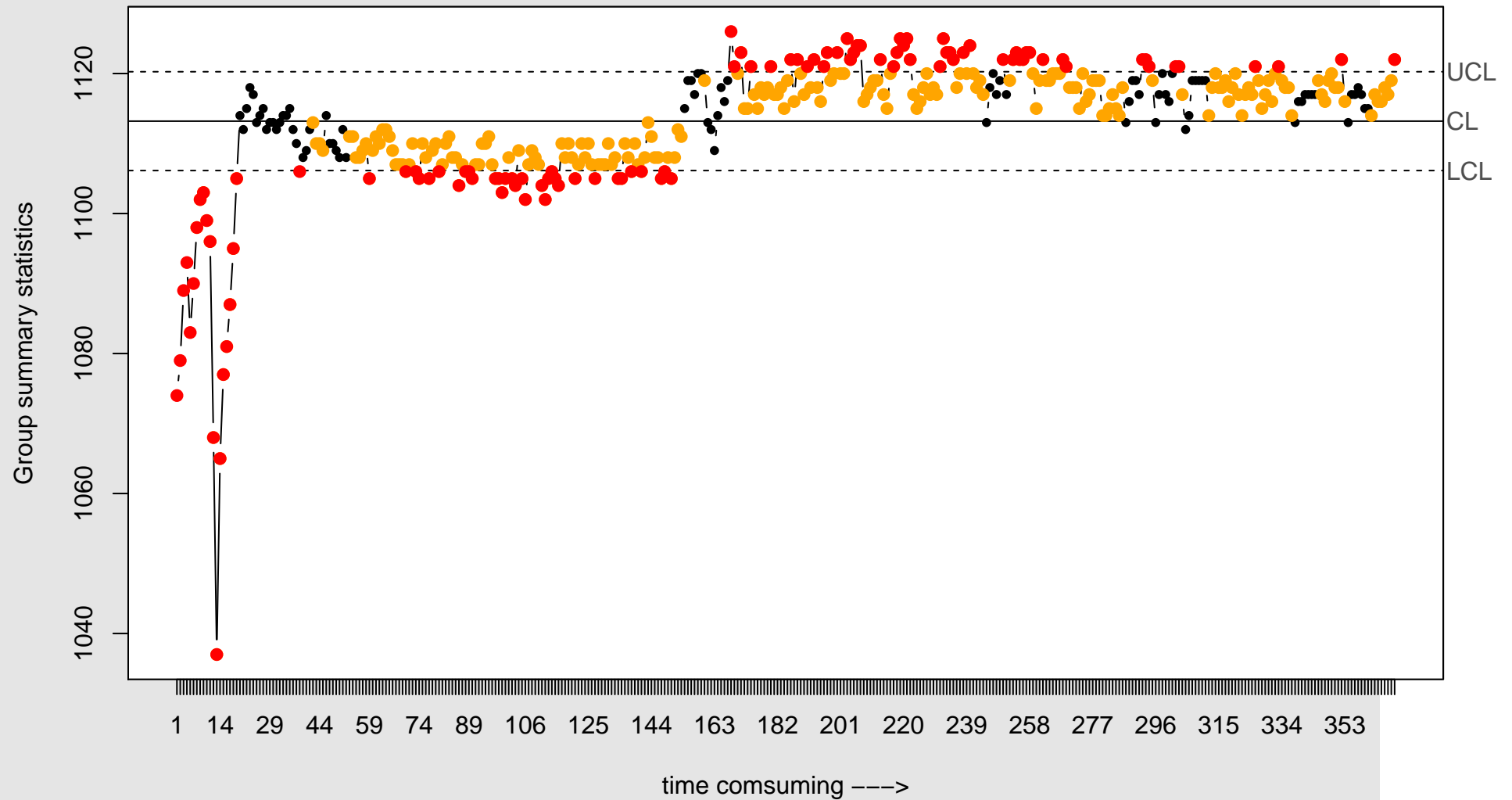
Number beyond limits = 95

Number violating runs = 285

293th column point of this product



294th column point of this product



Number of groups = 368

Center = 1113.198

StdDev = 2.352793

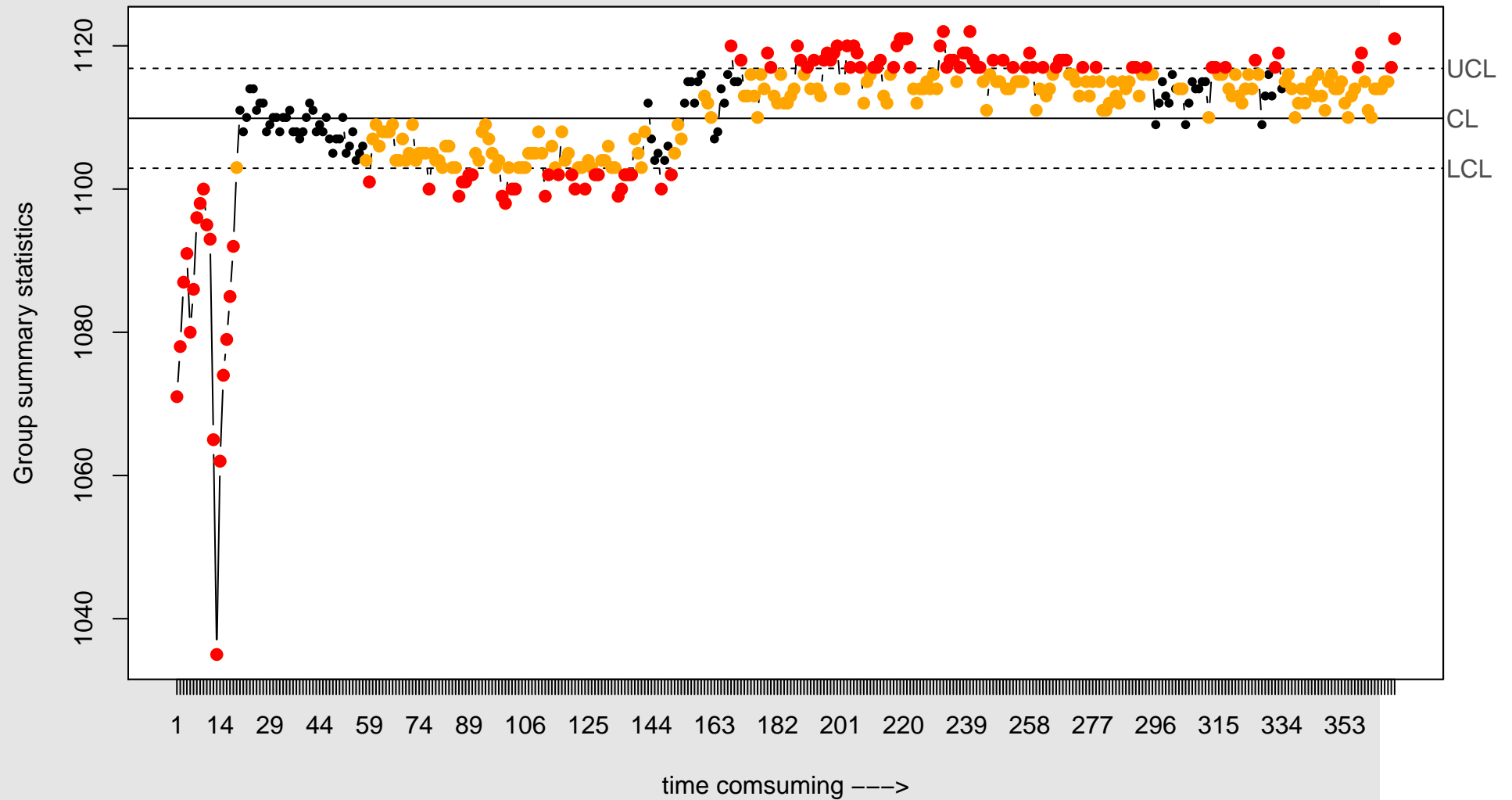
LCL = 1106.14

UCL = 1120.257

Number beyond limits = 103

Number violating runs = 276

295th column point of this product



Number of groups = 368

Center = 1109.883

StdDev = 2.323806

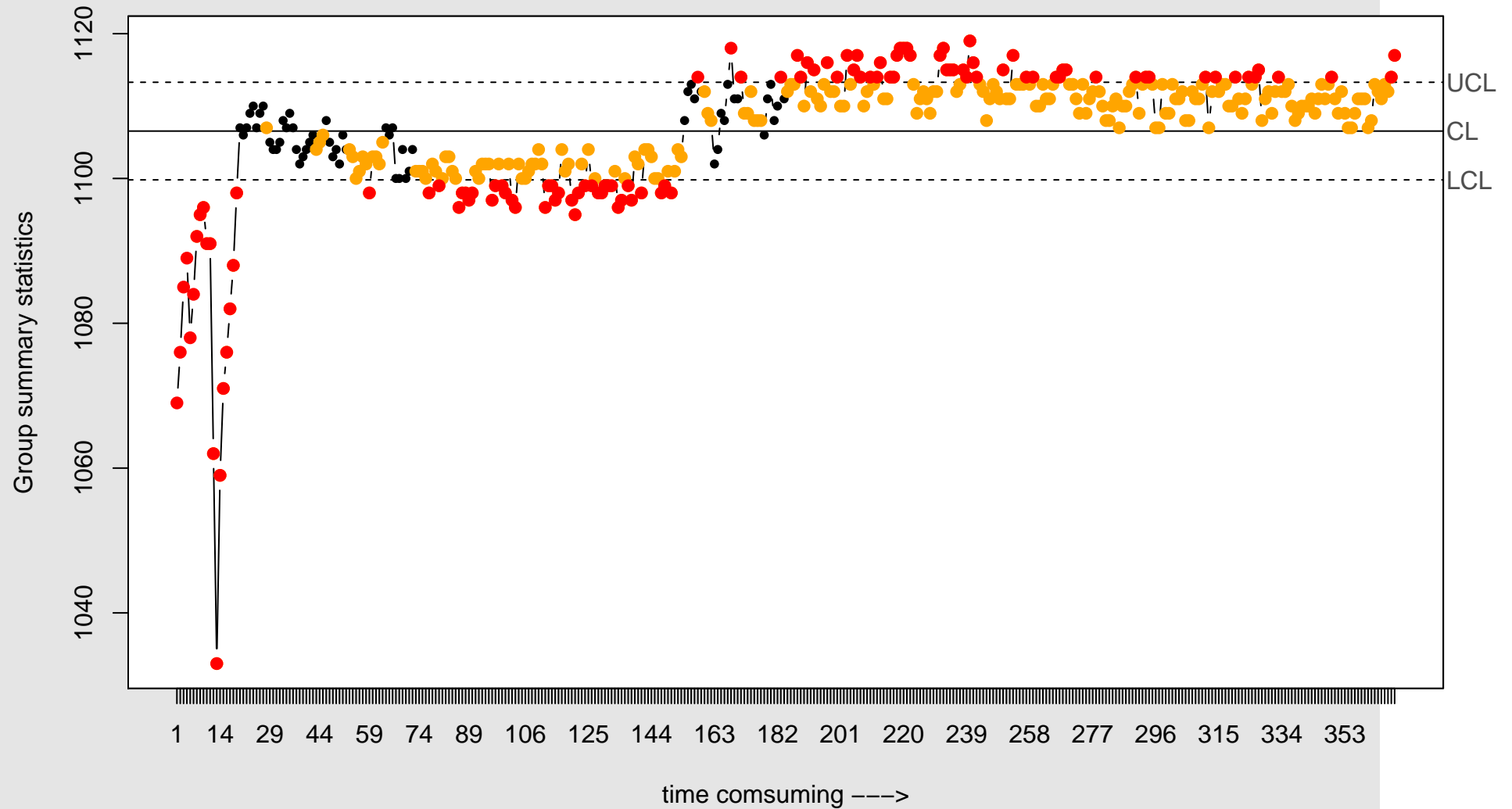
LCL = 1102.912

UCL = 1116.855

Number beyond limits = 109

Number violating runs = 282

296th column point of this product

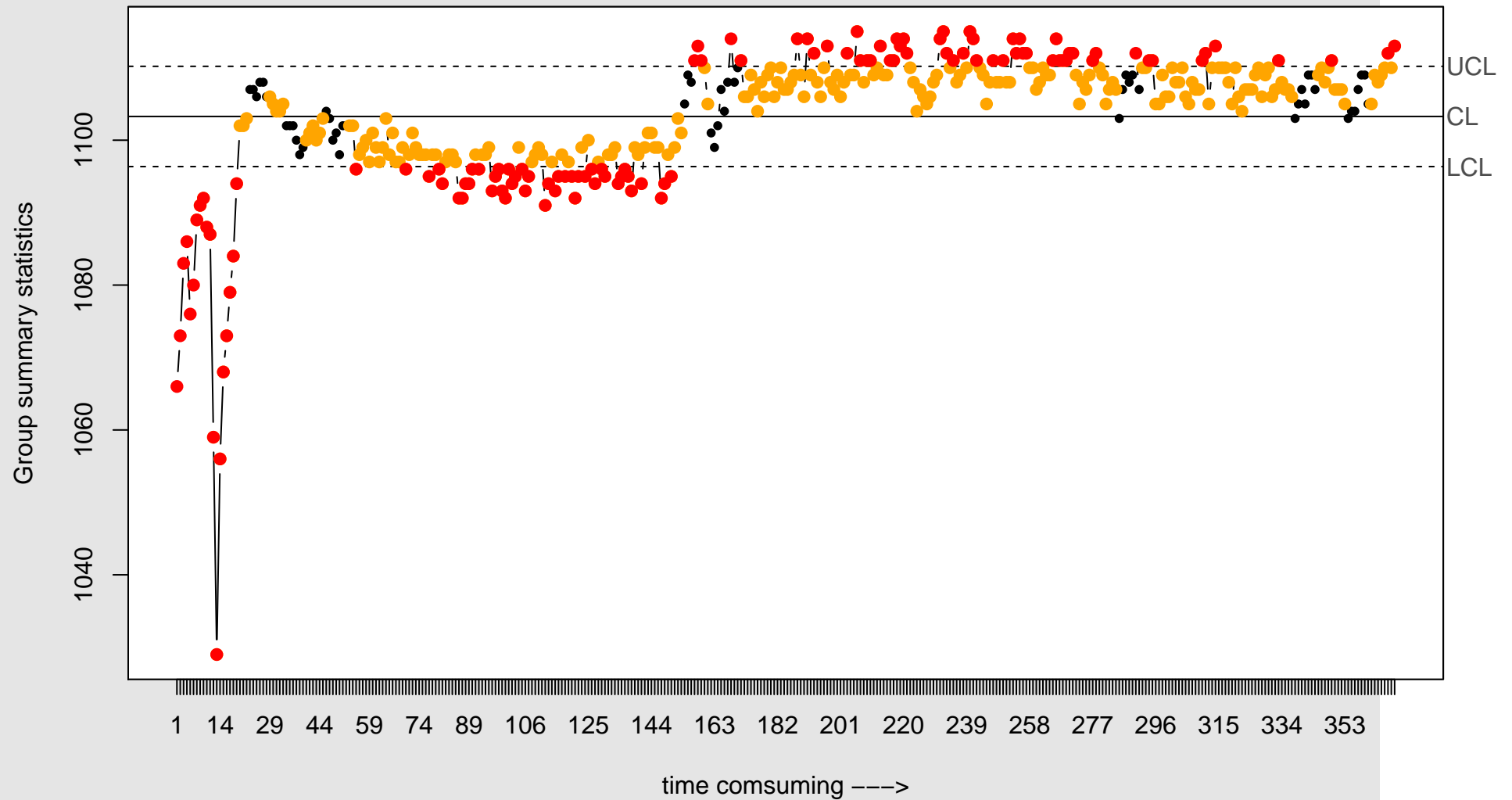


Number of groups = 368
Center = 1106.546
StdDev = 2.246507

LCL = 1099.807
UCL = 1113.286

Number beyond limits = 112
Number violating runs = 303

297th column point of this product

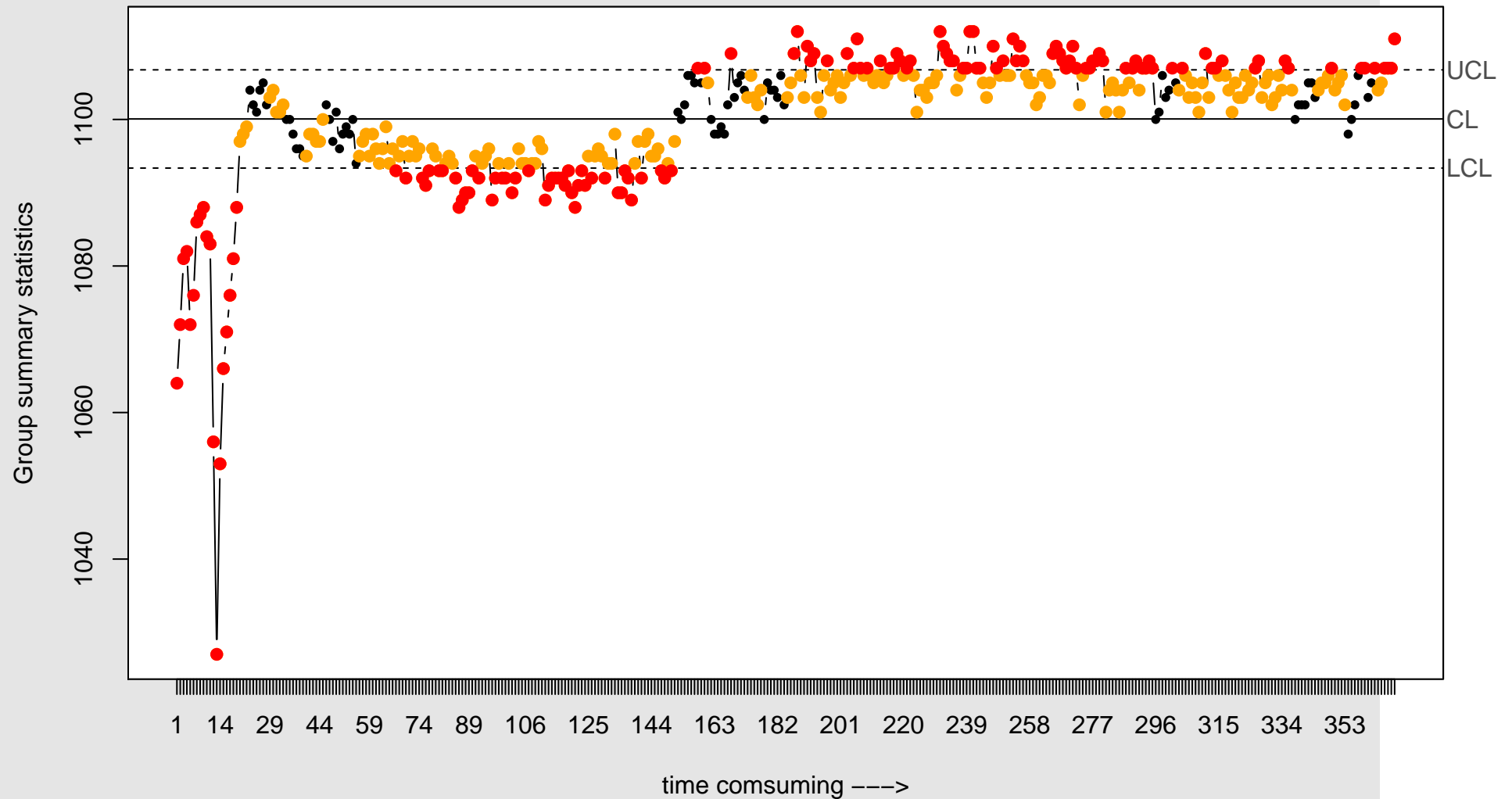


Number of groups = 368
Center = 1103.277
StdDev = 2.306897

LCL = 1096.356
UCL = 1110.198

Number beyond limits = 118
Number violating runs = 307

298th column point of this product



Number of groups = 368

Center = 1100.068

StdDev = 2.234429

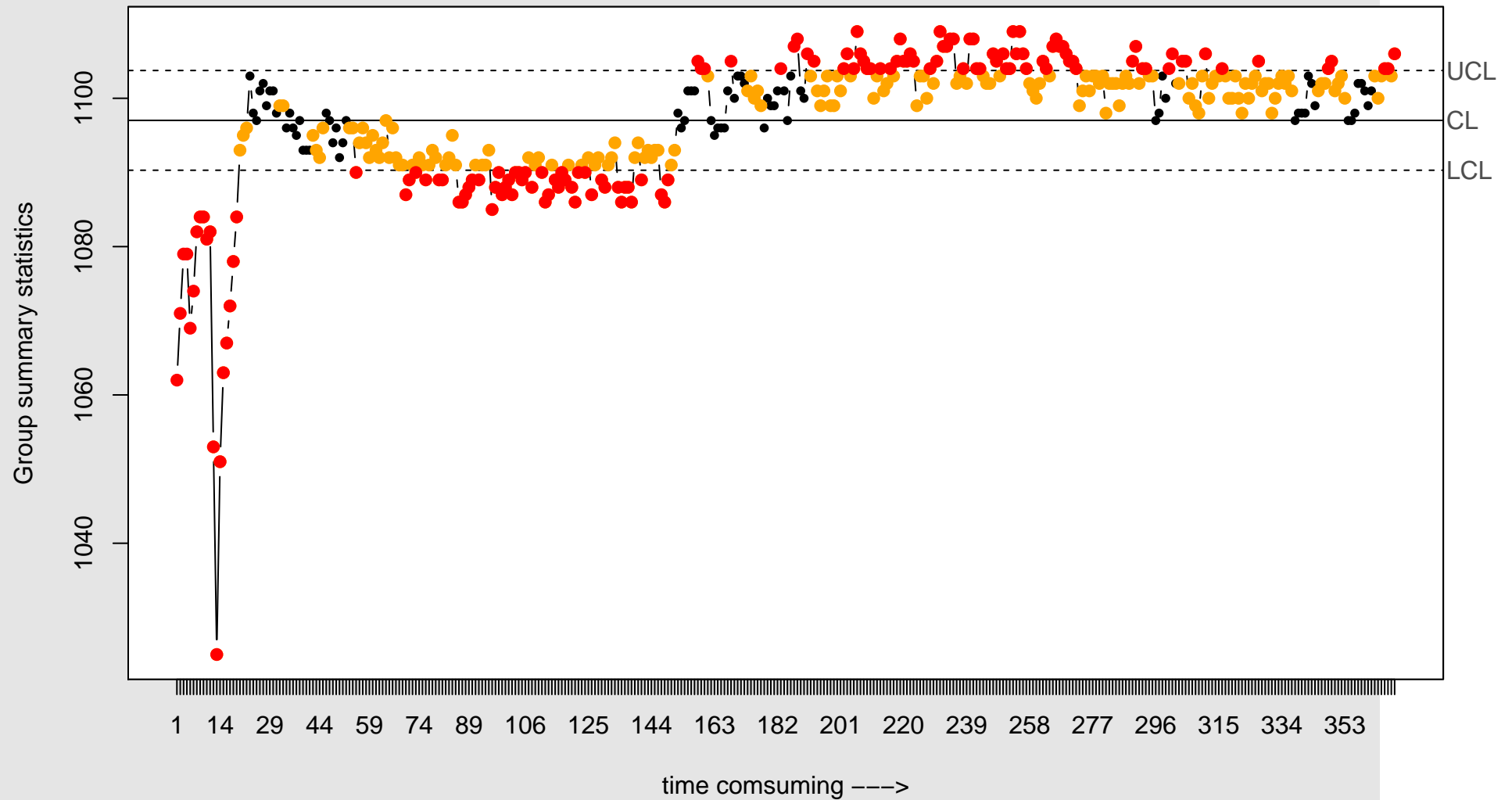
LCL = 1093.365

UCL = 1106.771

Number beyond limits = 142

Number violating runs = 292

299th column point of this product



Number of groups = 368

Center = 1097.022

StdDev = 2.241676

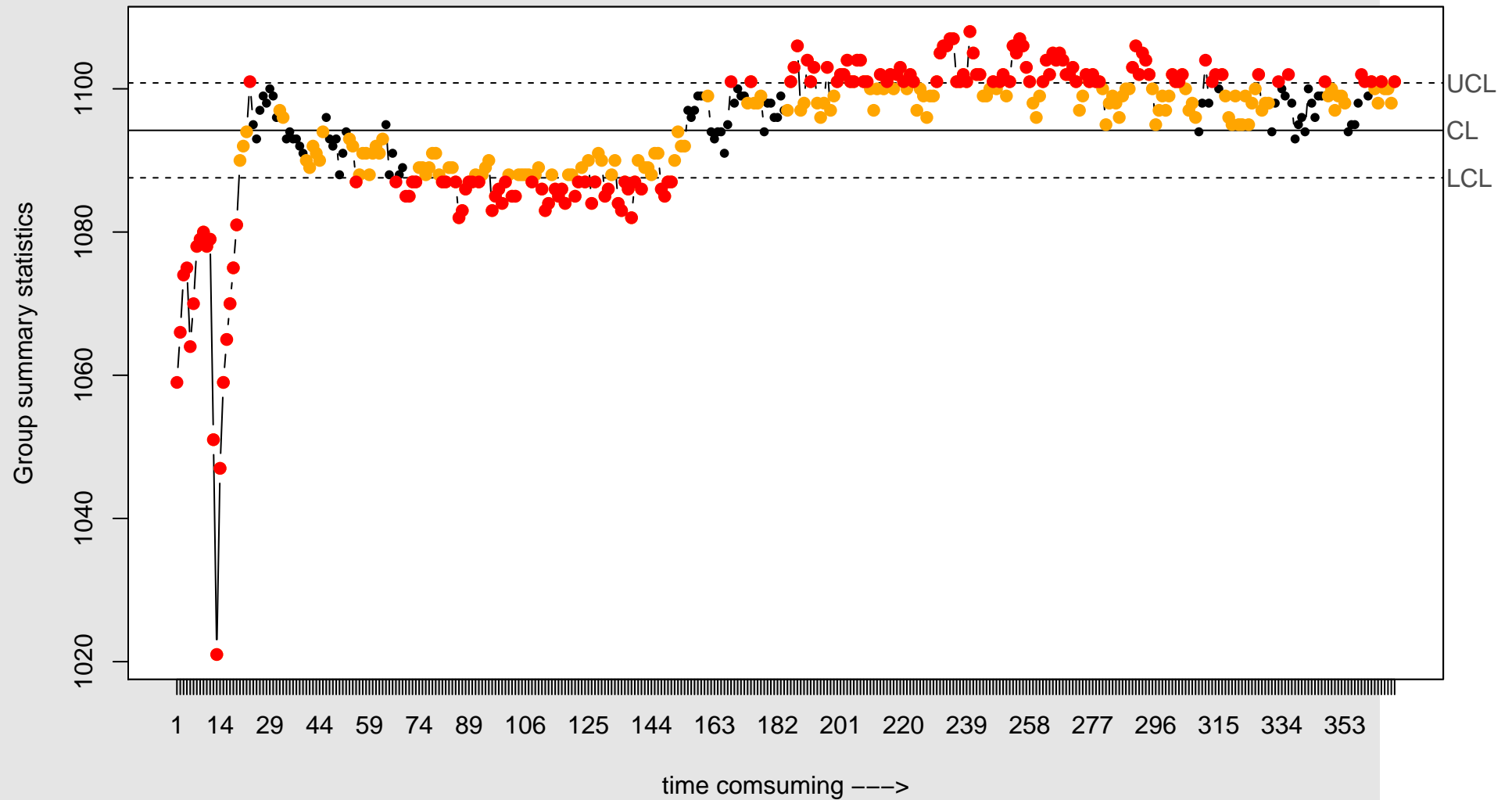
LCL = 1090.297

UCL = 1103.747

Number beyond limits = 140

Number violating runs = 282

300th column point of this product



Number of groups = 368

Center = 1094.198

StdDev = 2.207857

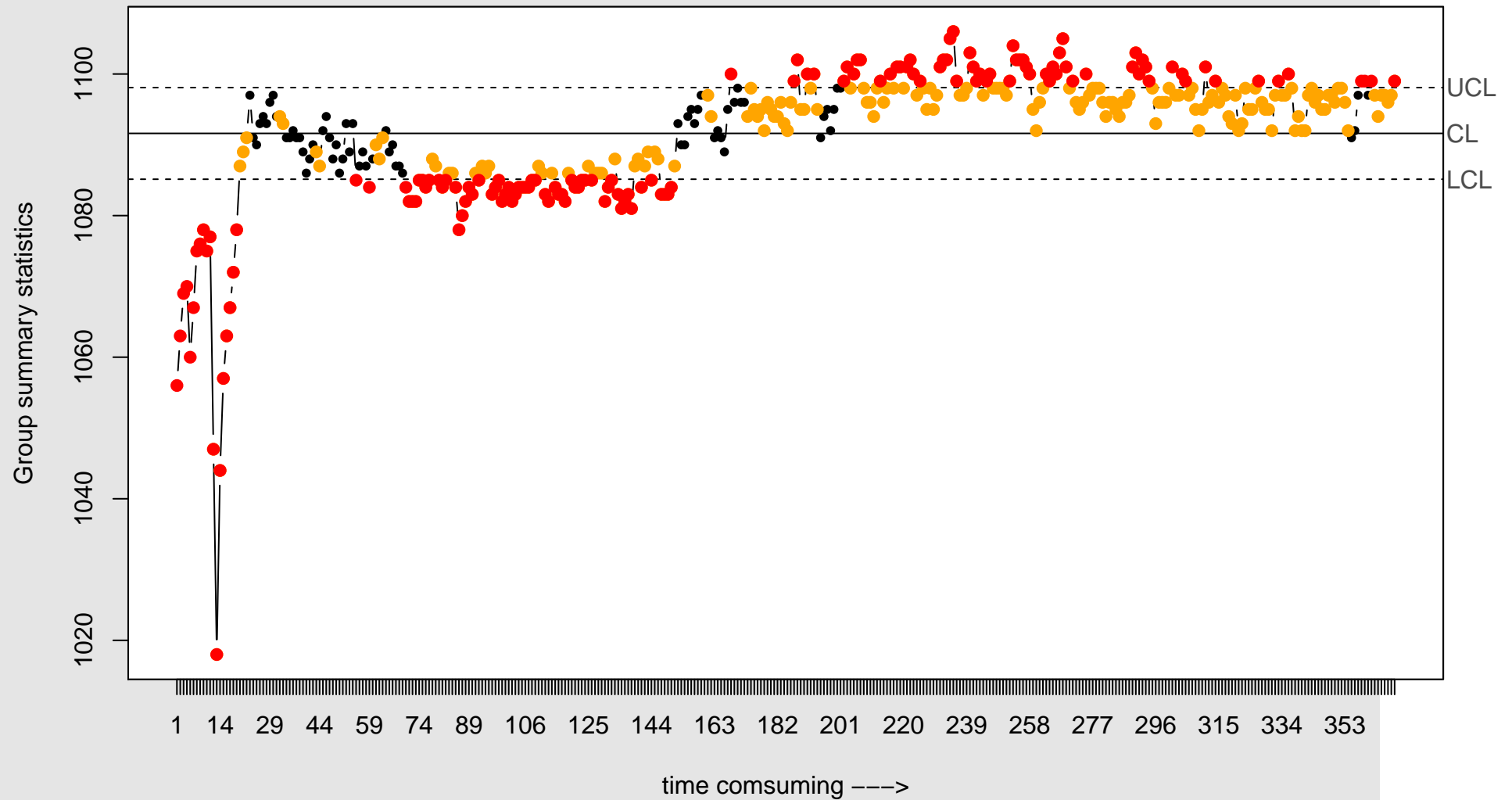
LCL = 1087.575

UCL = 1100.822

Number beyond limits = 158

Number violating runs = 278

301th column point of this product



Number of groups = 368

Center = 1091.611

StdDev = 2.15713

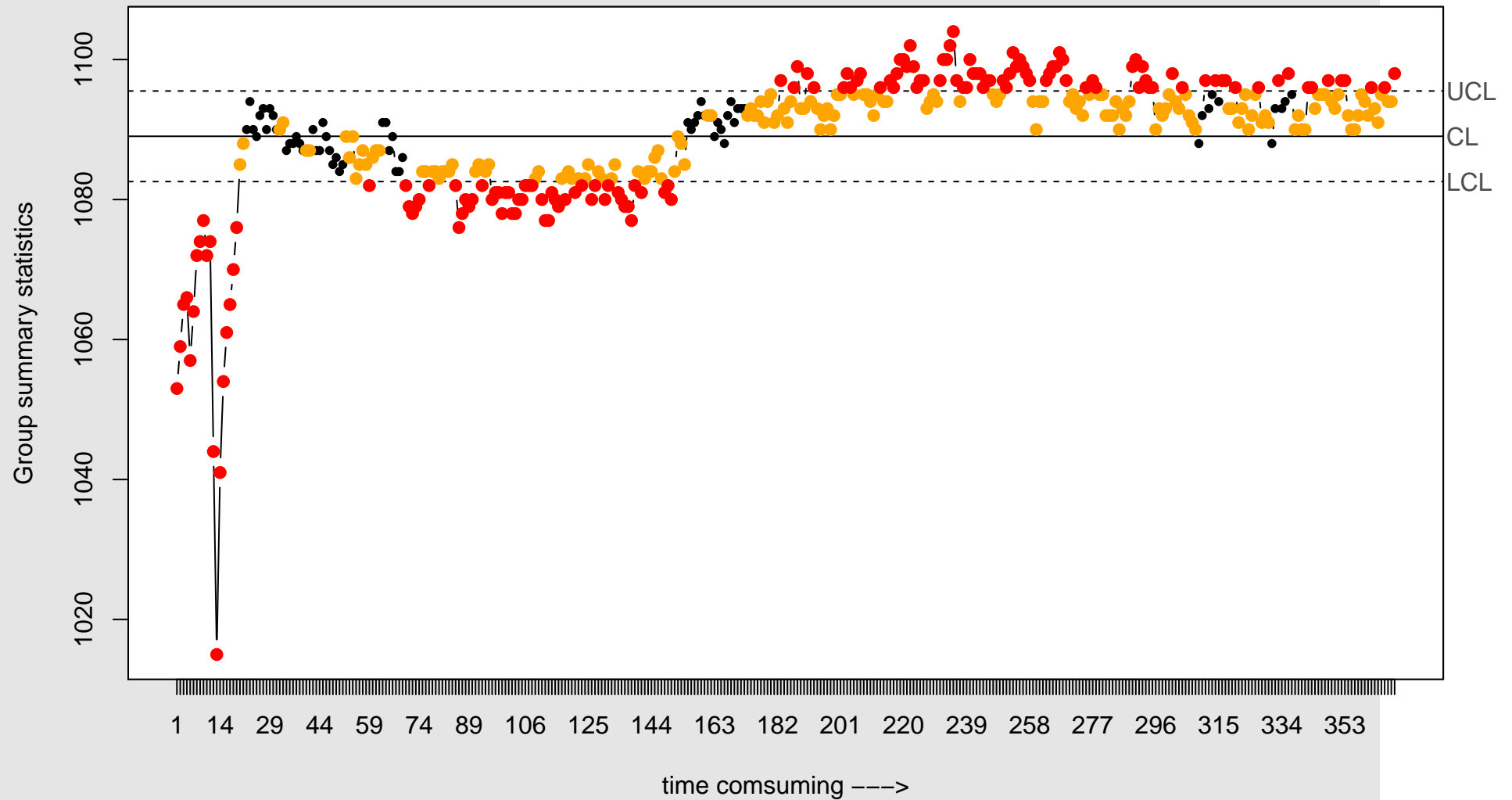
LCL = 1085.14

UCL = 1098.083

Number beyond limits = 143

Number violating runs = 288

302th column point of this product

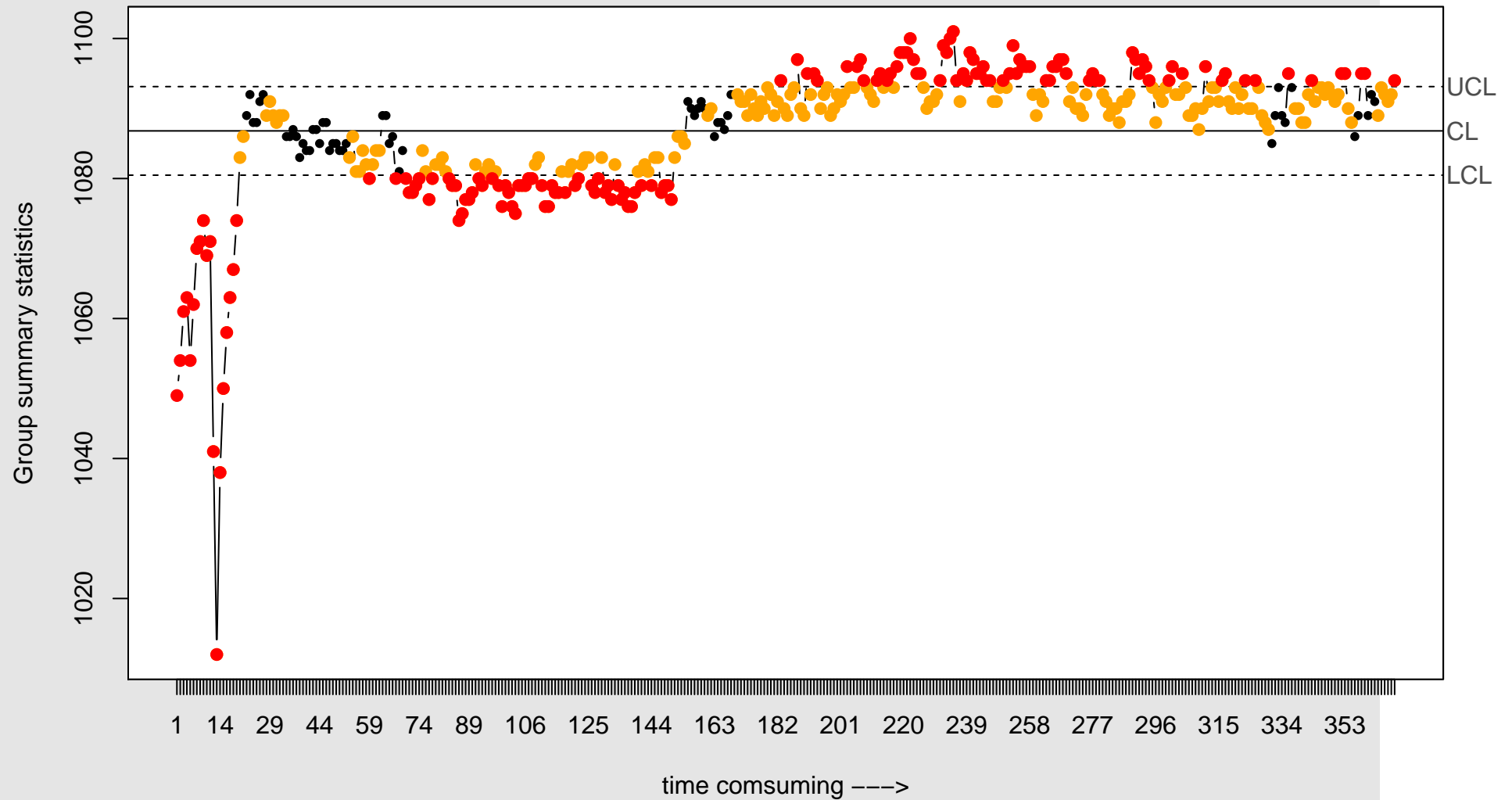


Number of groups = 368
Center = 1089.035
StdDev = 2.15713

LCL = 1082.564
UCL = 1095.507

Number beyond limits = 150
Number violating runs = 298

303th column point of this product



Number of groups = 368

Center = 1086.807

StdDev = 2.108818

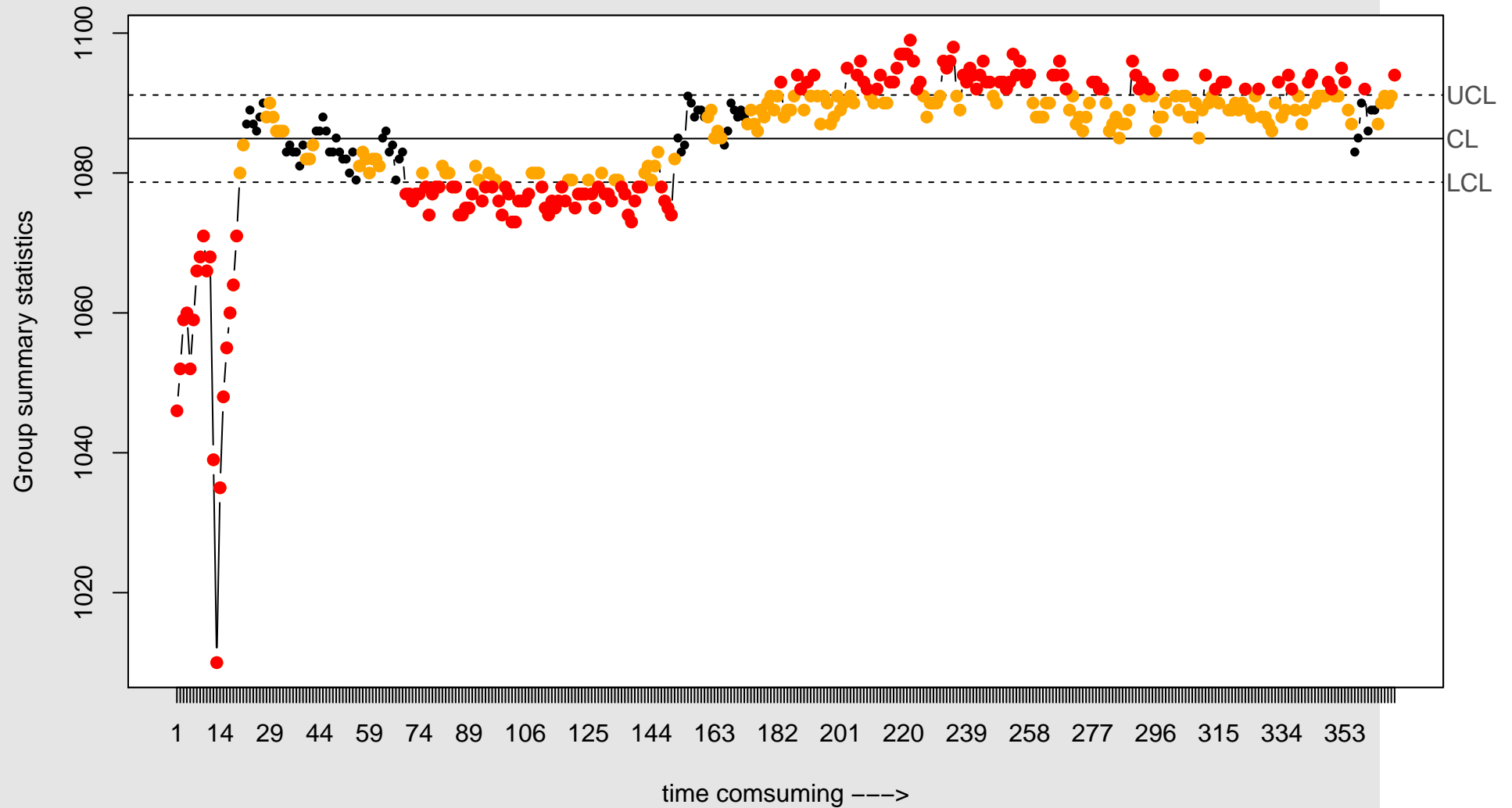
LCL = 1080.481

UCL = 1093.134

Number beyond limits = 153

Number violating runs = 302

304th column point of this product



Number of groups = 368

Center = 1084.918

StdDev = 2.077415

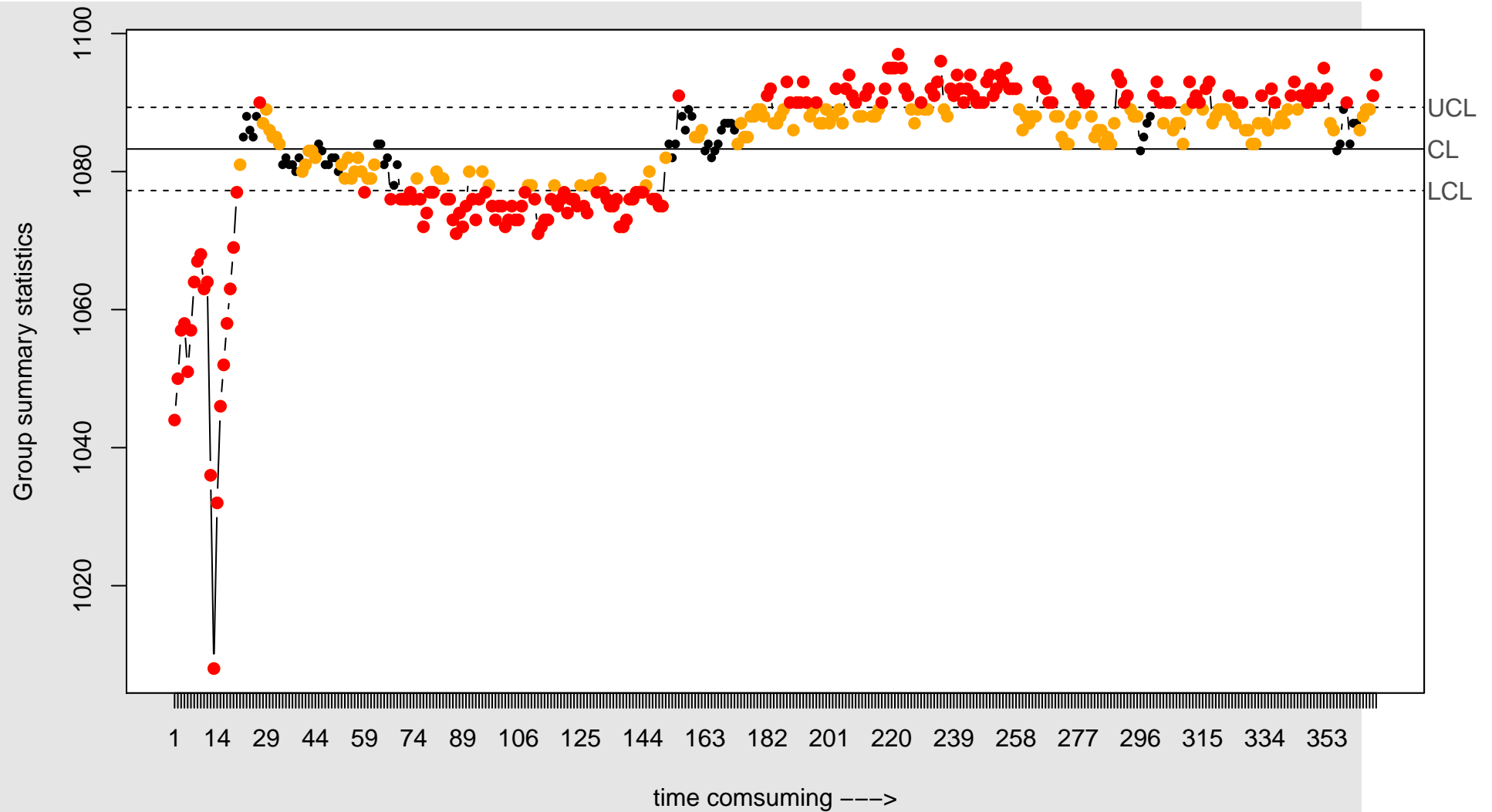
LCL = 1078.686

UCL = 1091.151

Number beyond limits = 156

Number violating runs = 306

305th column point of this product

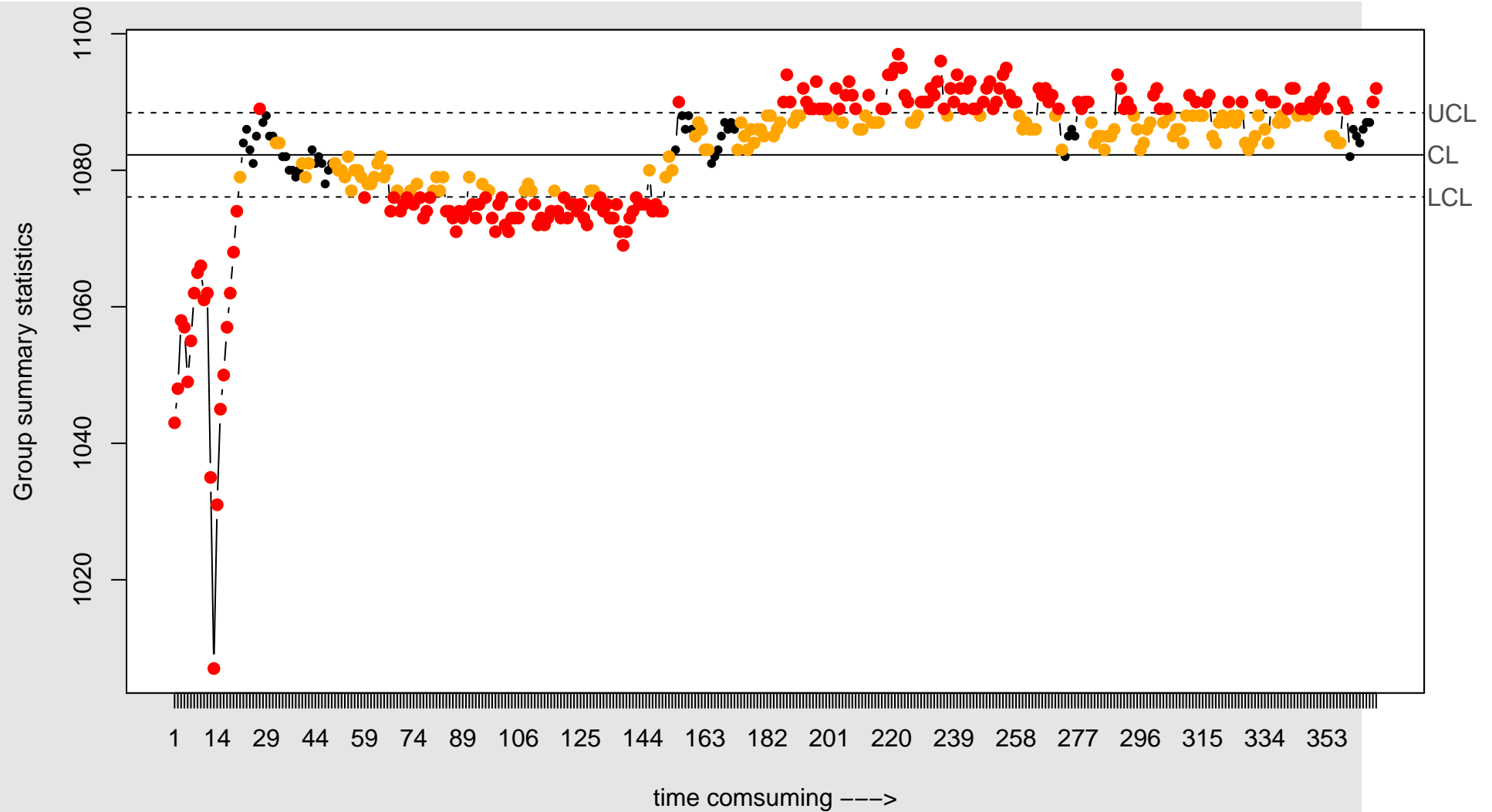


Number of groups = 368
Center = 1083.272
StdDev = 2.009778

LCL = 1077.242
UCL = 1089.301

Number beyond limits = 184
Number violating runs = 303

306th column point of this product



Number of groups = 368

Center = 1082.255

StdDev = 2.055675

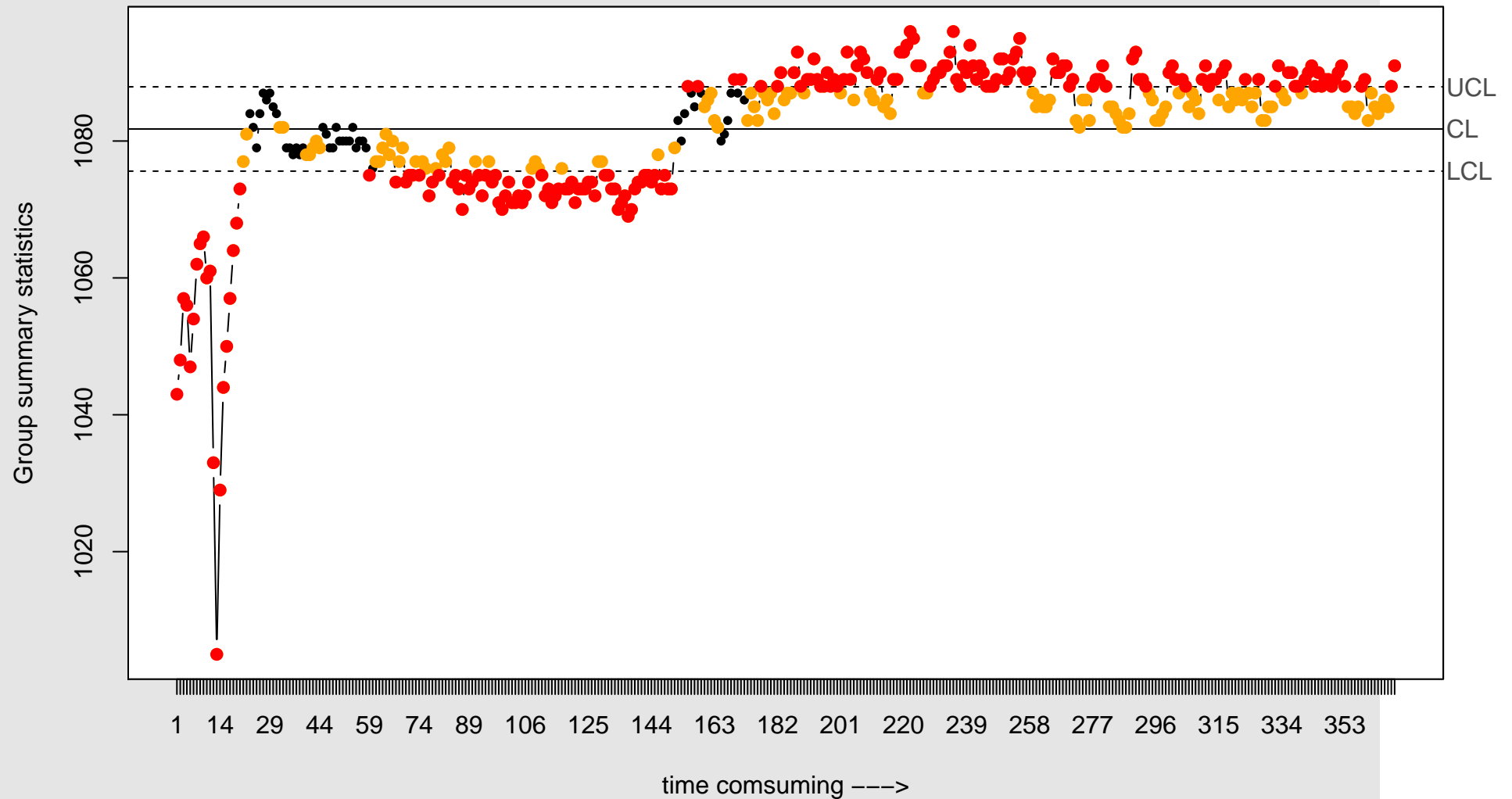
LCL = 1076.088

UCL = 1088.422

Number beyond limits = 188

Number violating runs = 311

307th column point of this product



Number of groups = 368

Center = 1081.761

StdDev = 2.053259

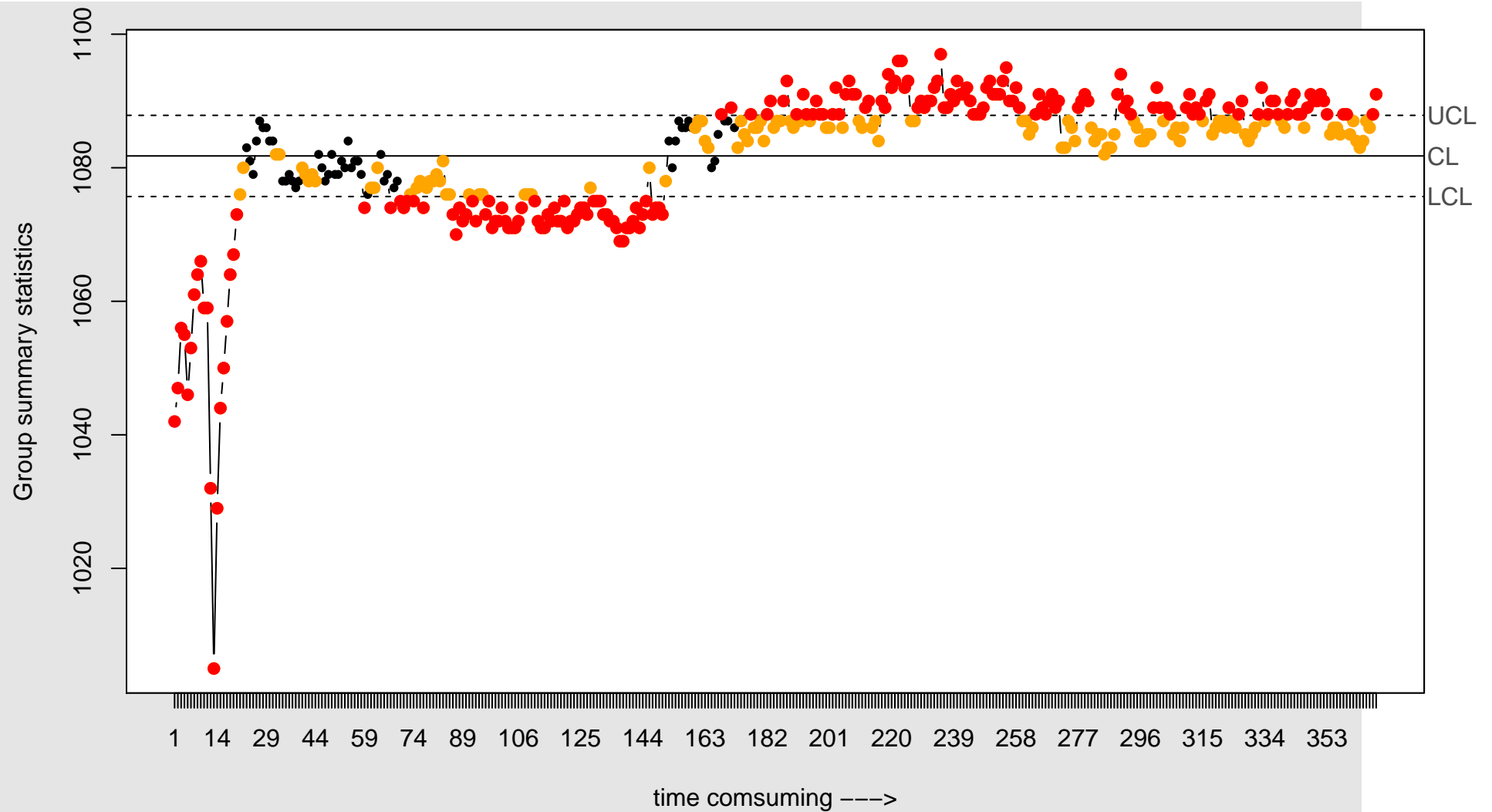
LCL = 1075.601

UCL = 1087.921

Number beyond limits = 210

Number violating runs = 315

308th column point of this product

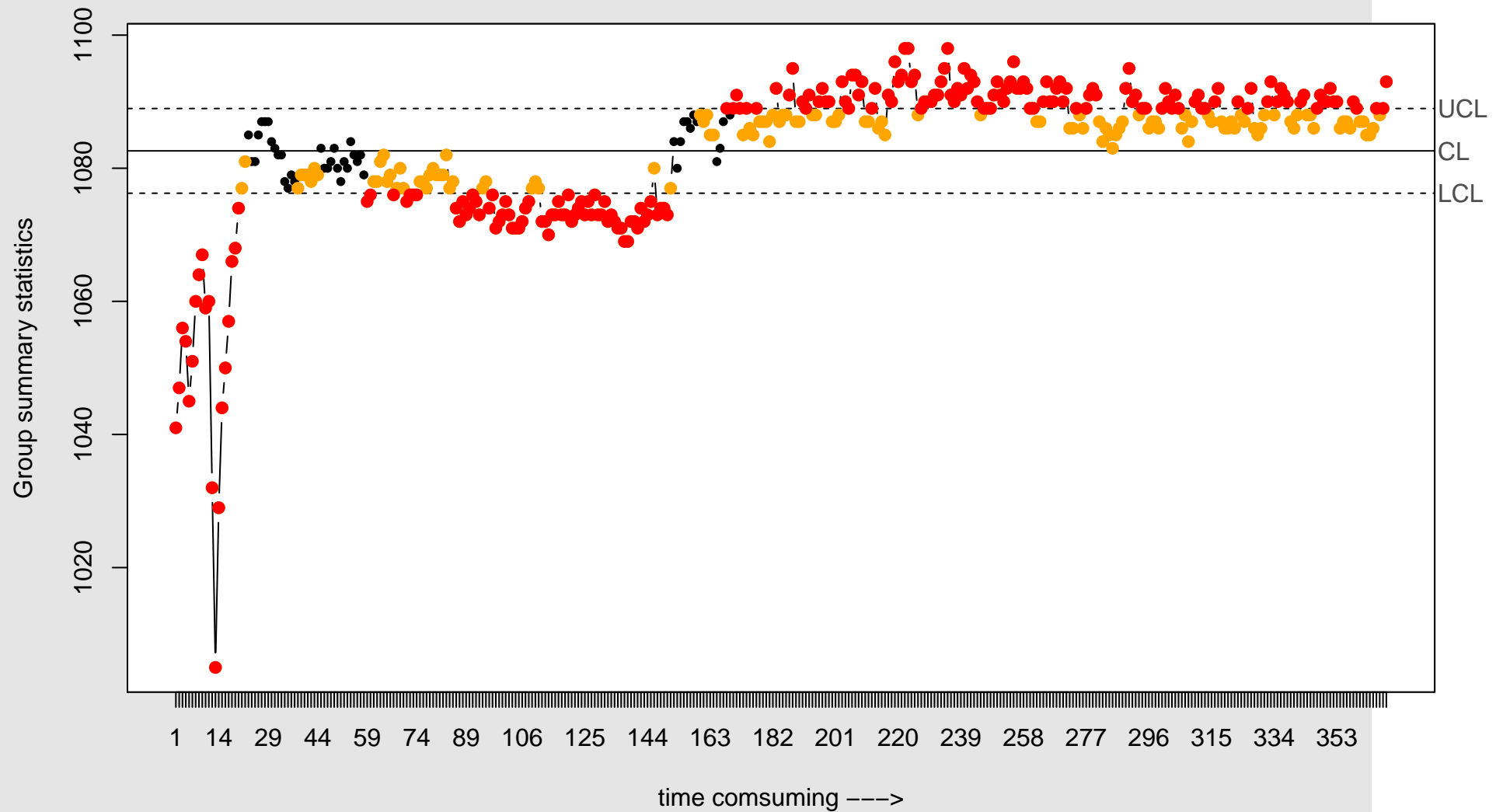


Number of groups = 368
Center = 1081.769
StdDev = 2.026688

LCL = 1075.689
UCL = 1087.849

Number beyond limits = 202
Number violating runs = 308

309th column point of this product

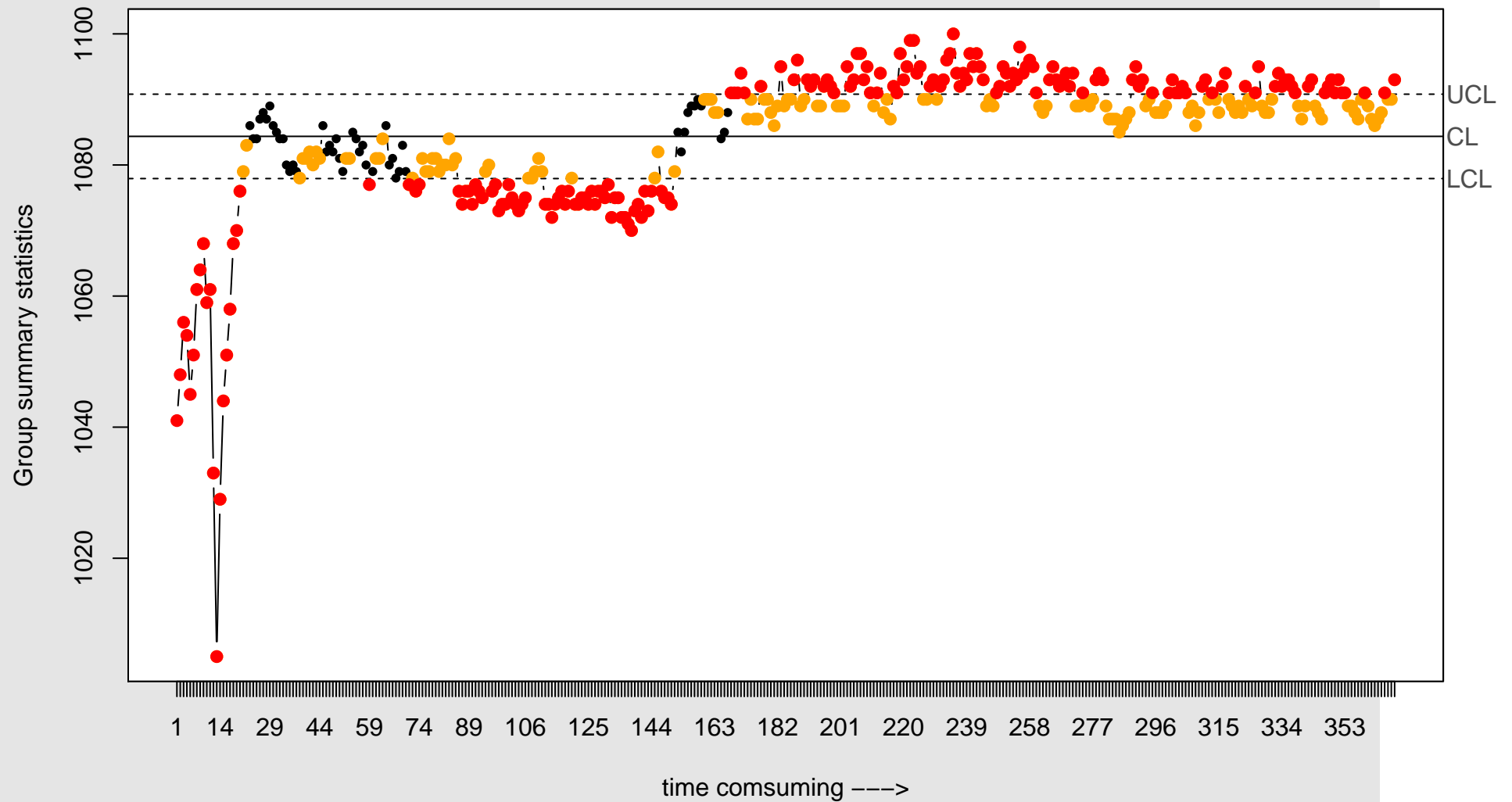


Number of groups = 368
Center = 1082.609
StdDev = 2.120896

LCL = 1076.246
UCL = 1088.971

Number beyond limits = 208
Number violating runs = 316

310th column point of this product



Number of groups = 368

Center = 1084.361

StdDev = 2.145052

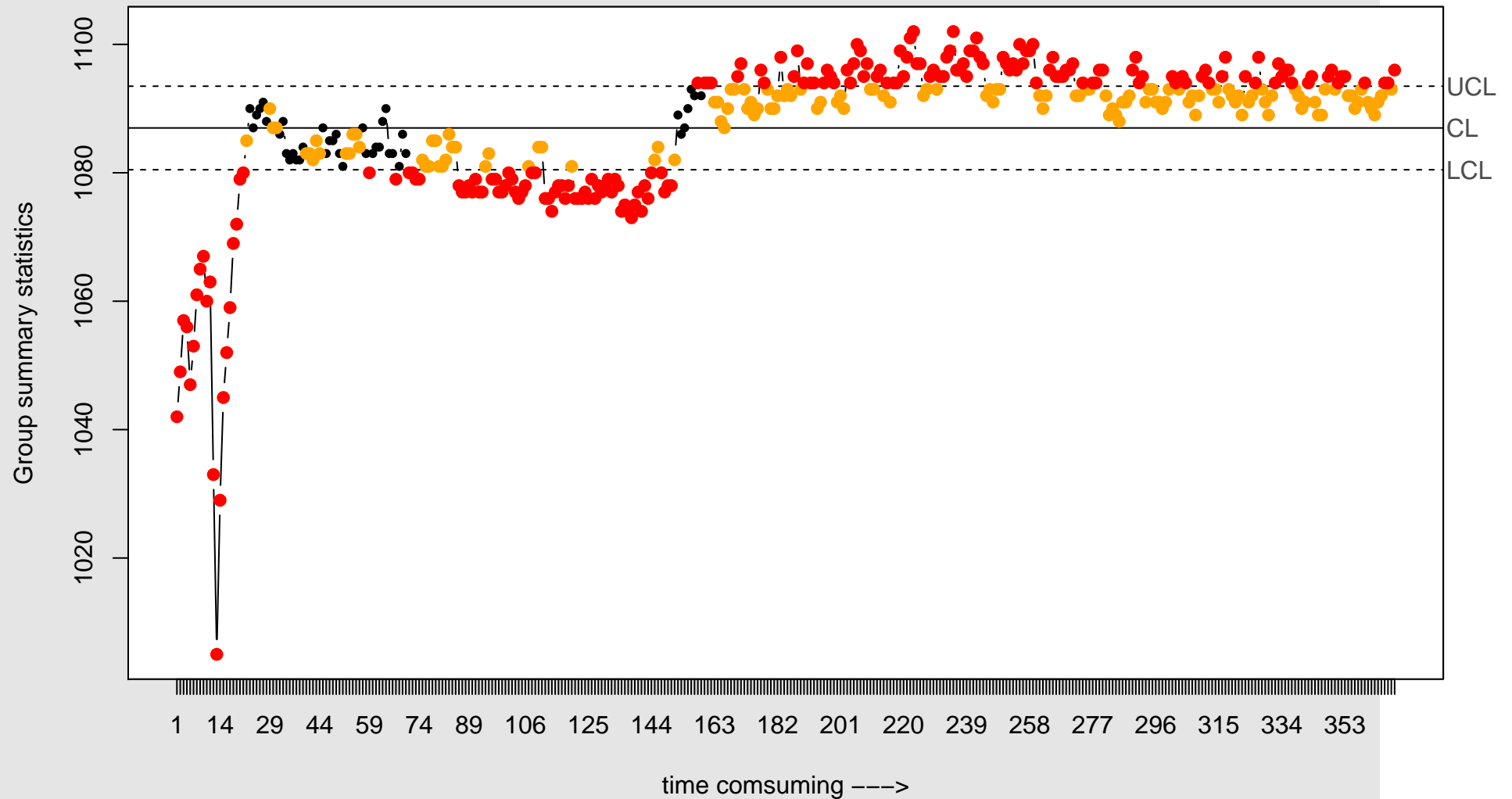
LCL = 1077.926

UCL = 1090.797

Number beyond limits = 193

Number violating runs = 311

311th column point of this product

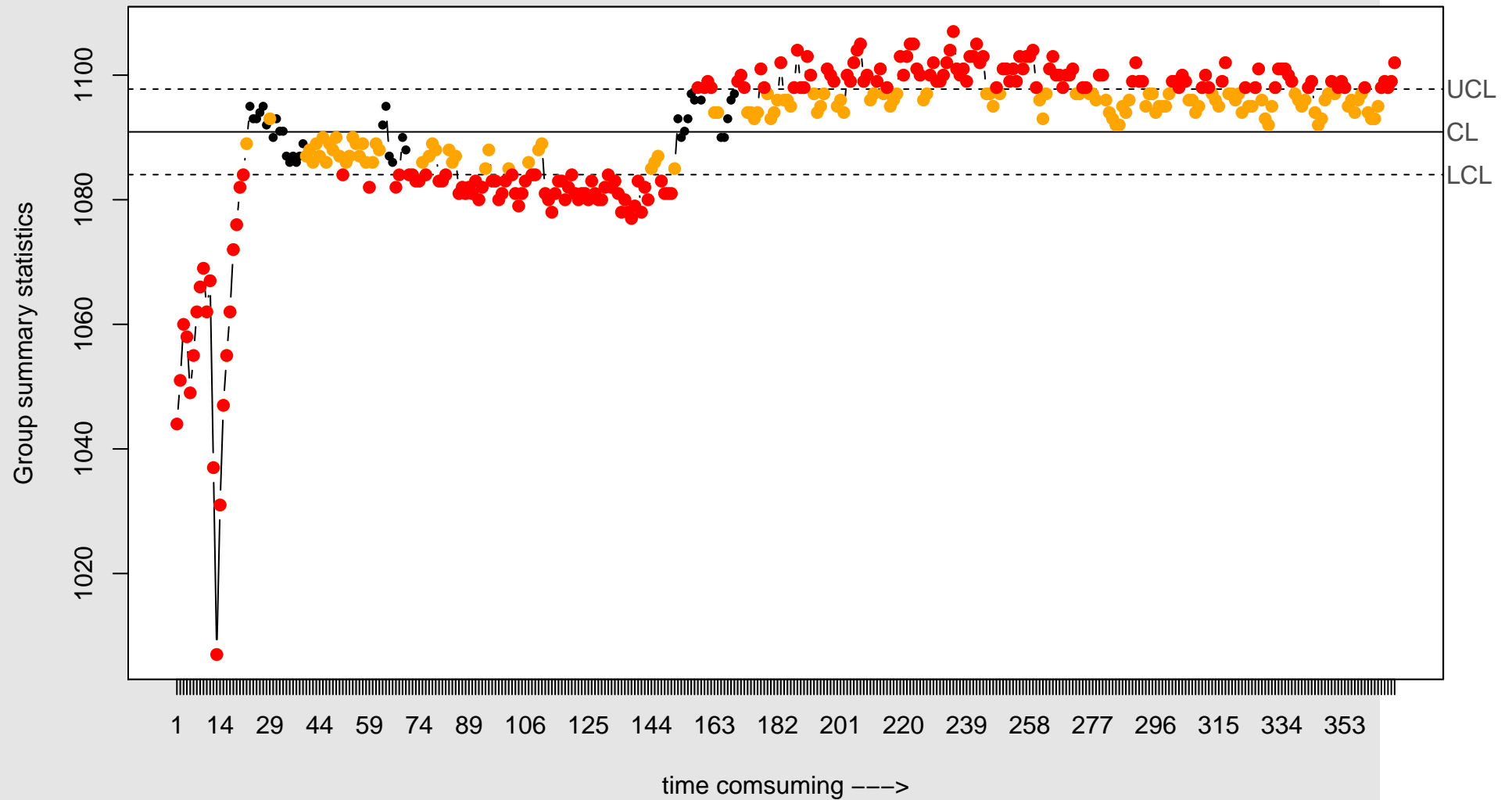


Number of groups = 368
Center = 1086.981
StdDev = 2.169208

LCL = 1080.473
UCL = 1093.489

Number beyond limits = 195
Number violating runs = 319

312th column point of this product

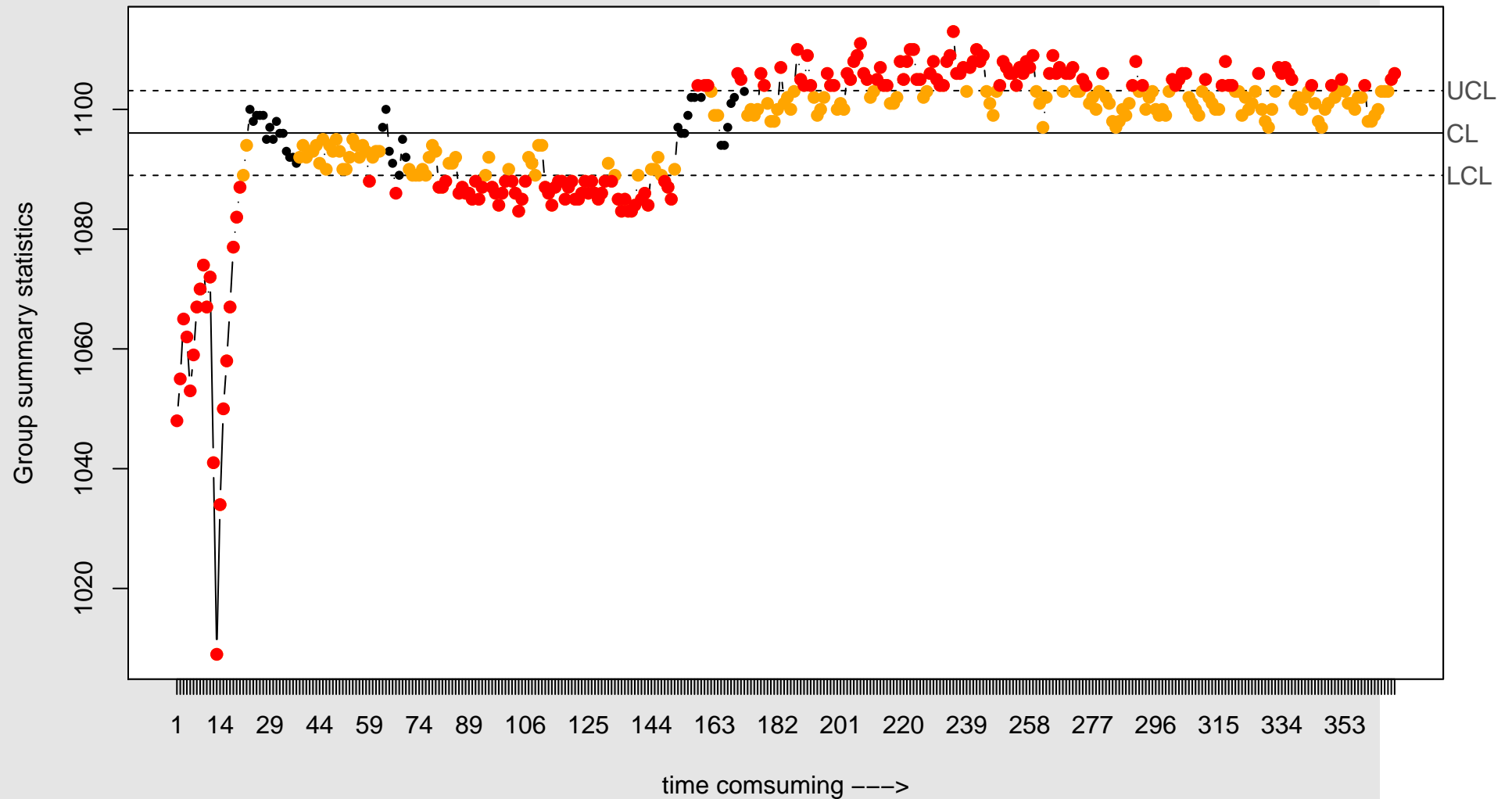


Number of groups = 368
Center = 1090.894
StdDev = 2.289988

LCL = 1084.024
UCL = 1097.764

Number beyond limits = 201
Number violating runs = 322

313th column point of this product



Number of groups = 368

Center = 1096.054

StdDev = 2.357625

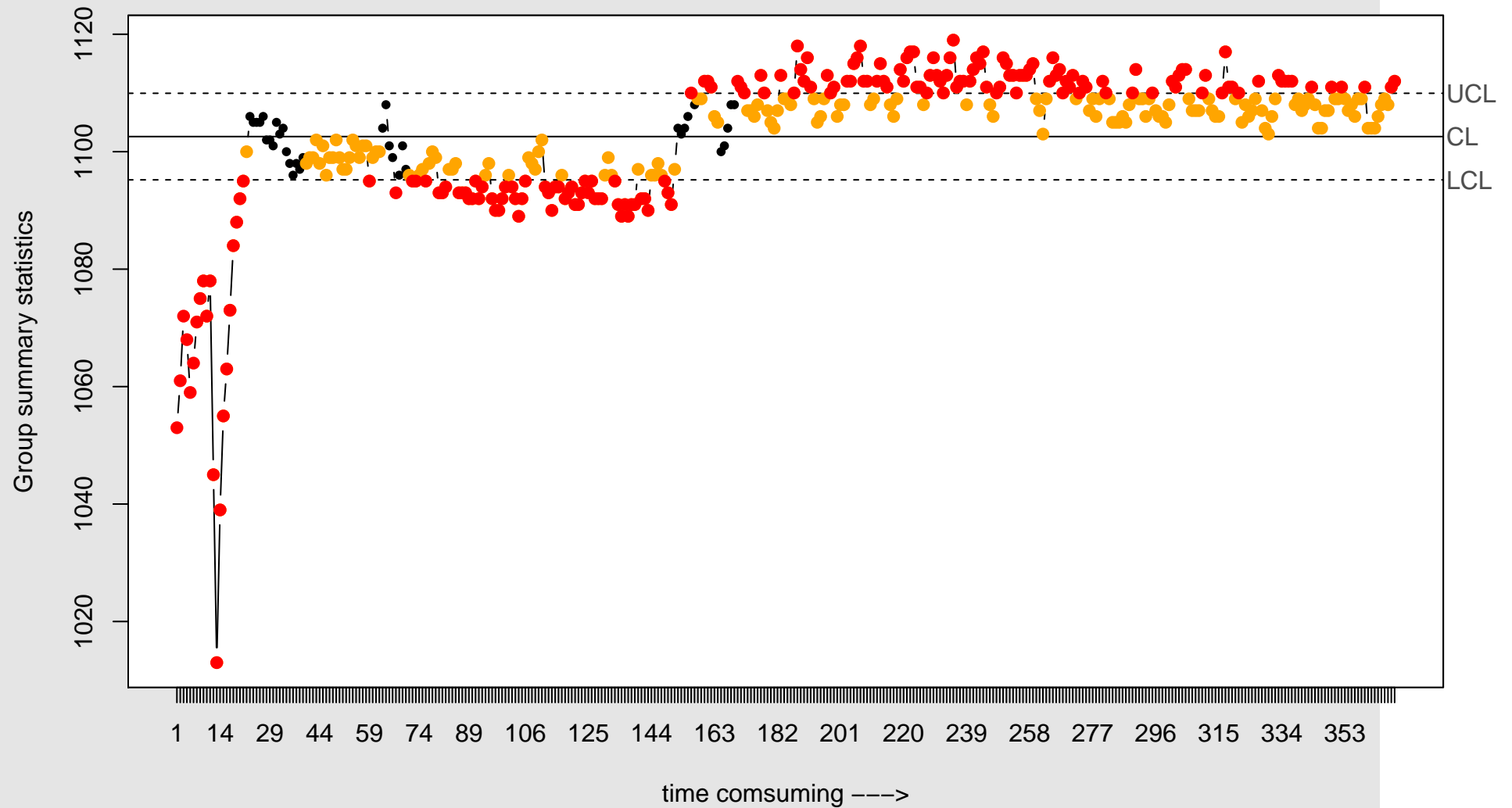
LCL = 1088.981

UCL = 1103.127

Number beyond limits = 171

Number violating runs = 322

314th column point of this product



Number of groups = 368

Center = 1102.576

StdDev = 2.456664

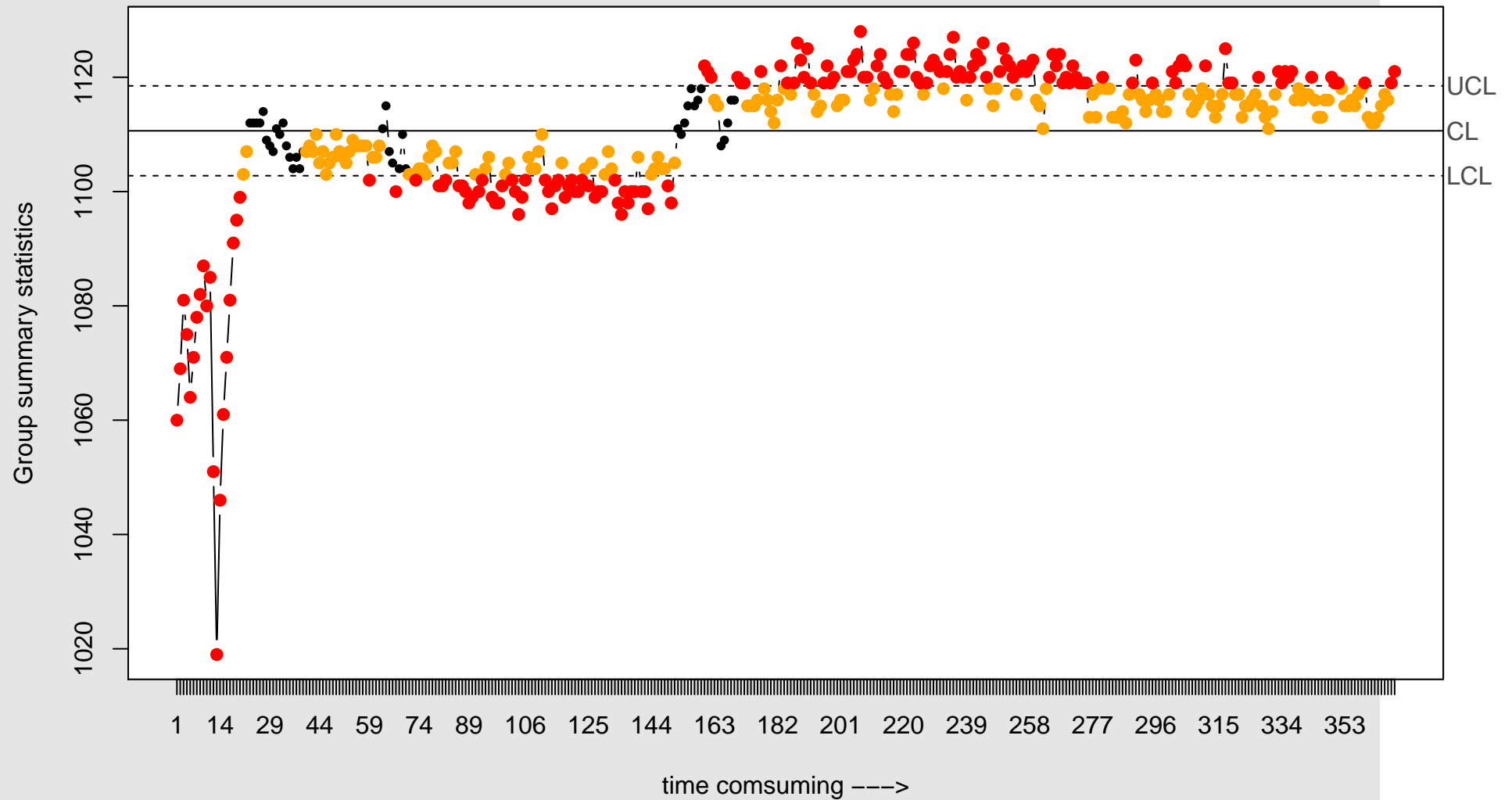
LCL = 1095.206

UCL = 1109.946

Number beyond limits = 184

Number violating runs = 323

315th column point of this product

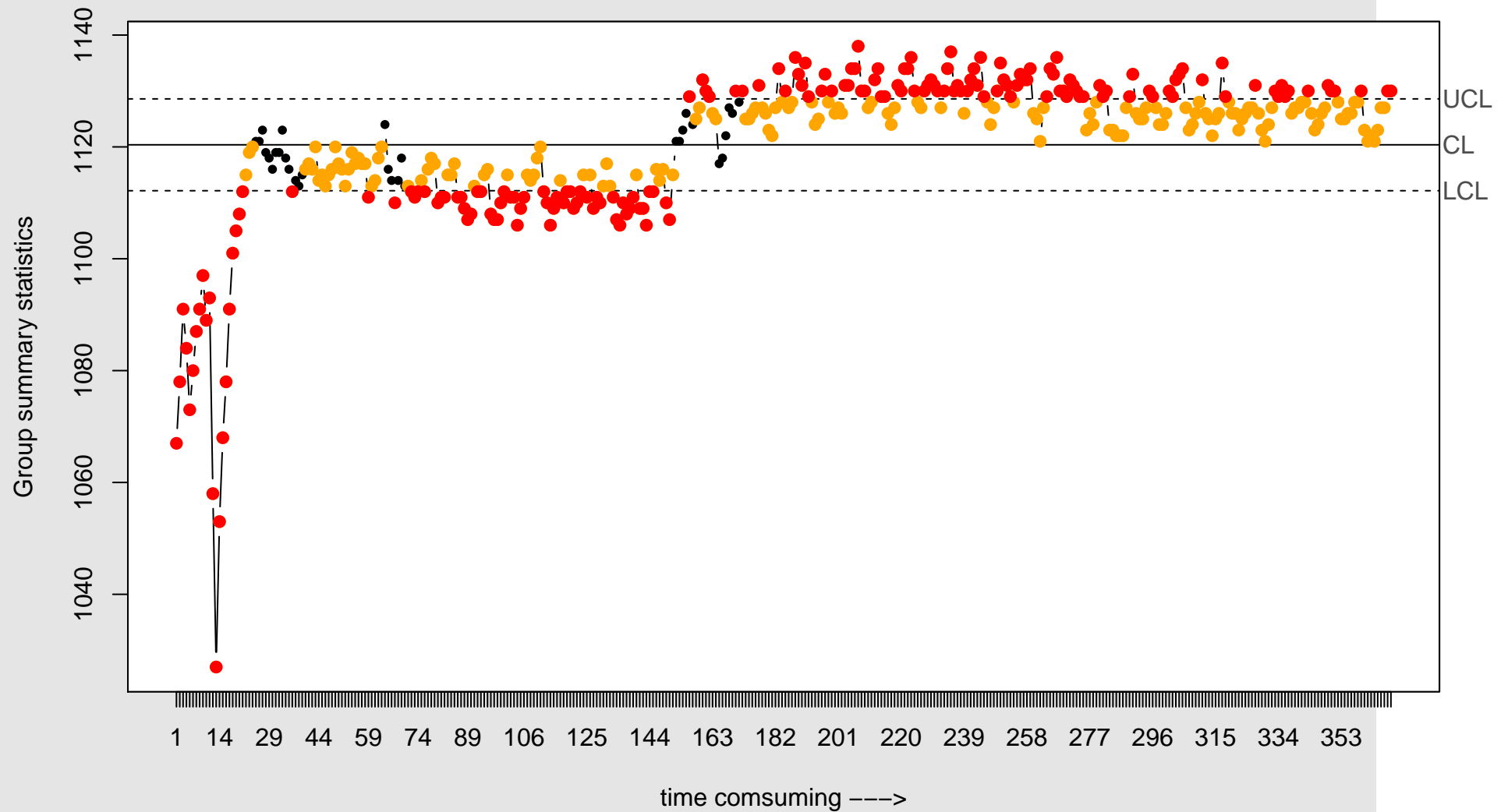


Number of groups = 368
Center = 1110.633
StdDev = 2.620925

LCL = 1102.77
UCL = 1118.496

Number beyond limits = 171
Number violating runs = 321

316th column point of this product

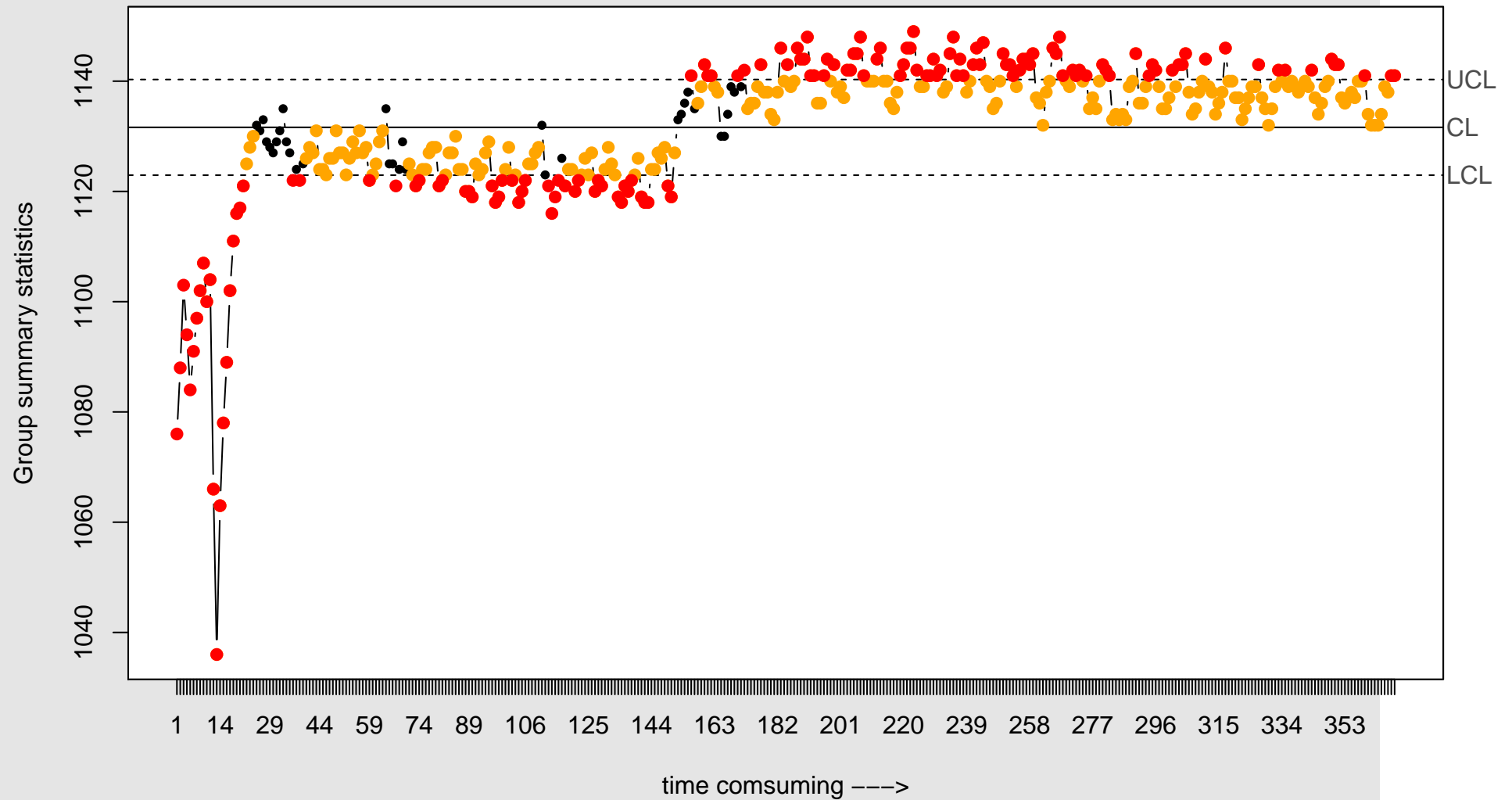


Number of groups = 368
Center = 1120.375
StdDev = 2.736874

LCL = 1112.164
UCL = 1128.586

Number beyond limits = 178
Number violating runs = 326

317th column point of this product



Number of groups = 368

Center = 1131.625

StdDev = 2.891472

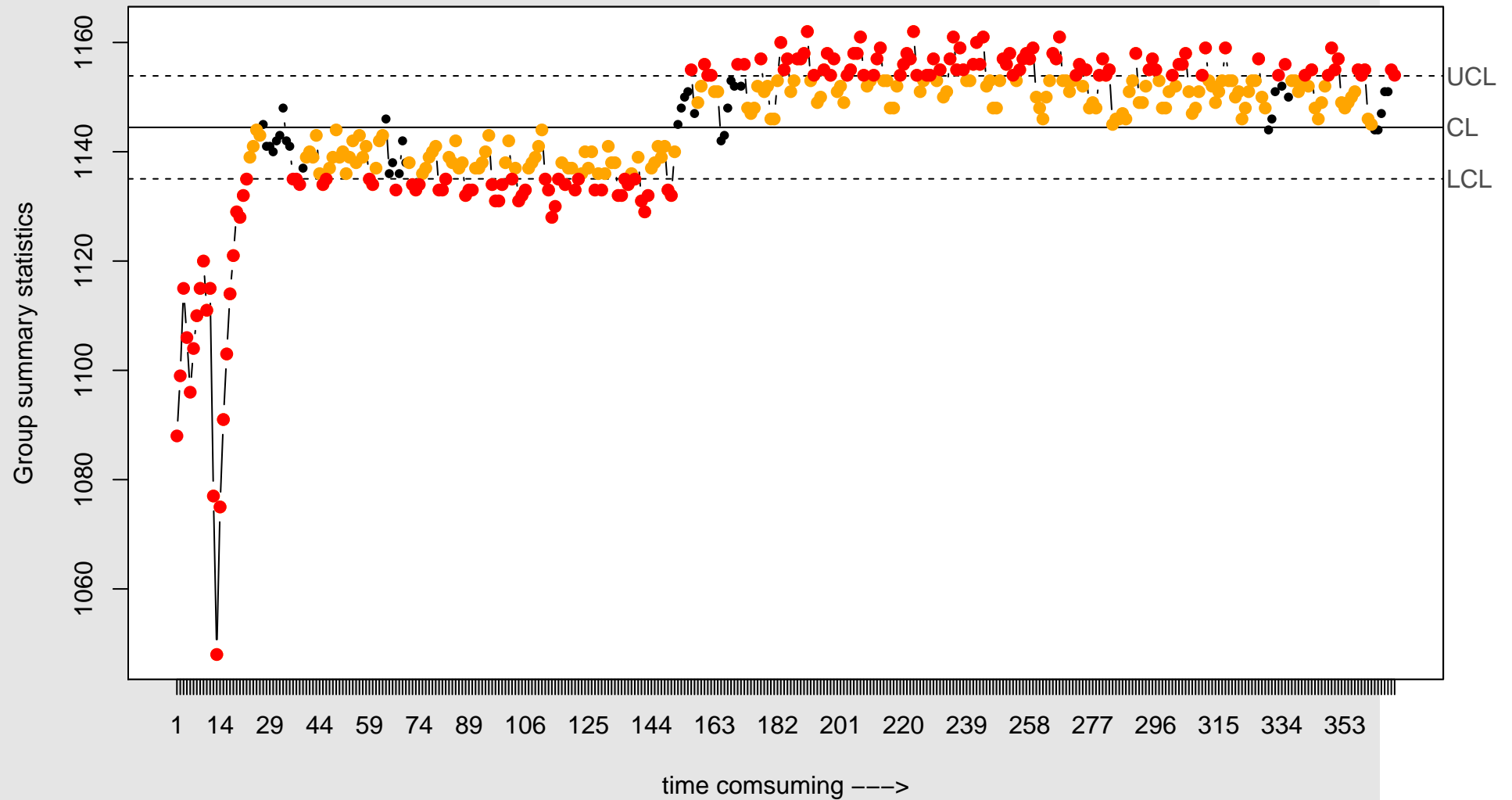
LCL = 1122.951

UCL = 1140.299

Number beyond limits = 146

Number violating runs = 319

318th column point of this product



Number of groups = 368

Center = 1144.465

StdDev = 3.140279

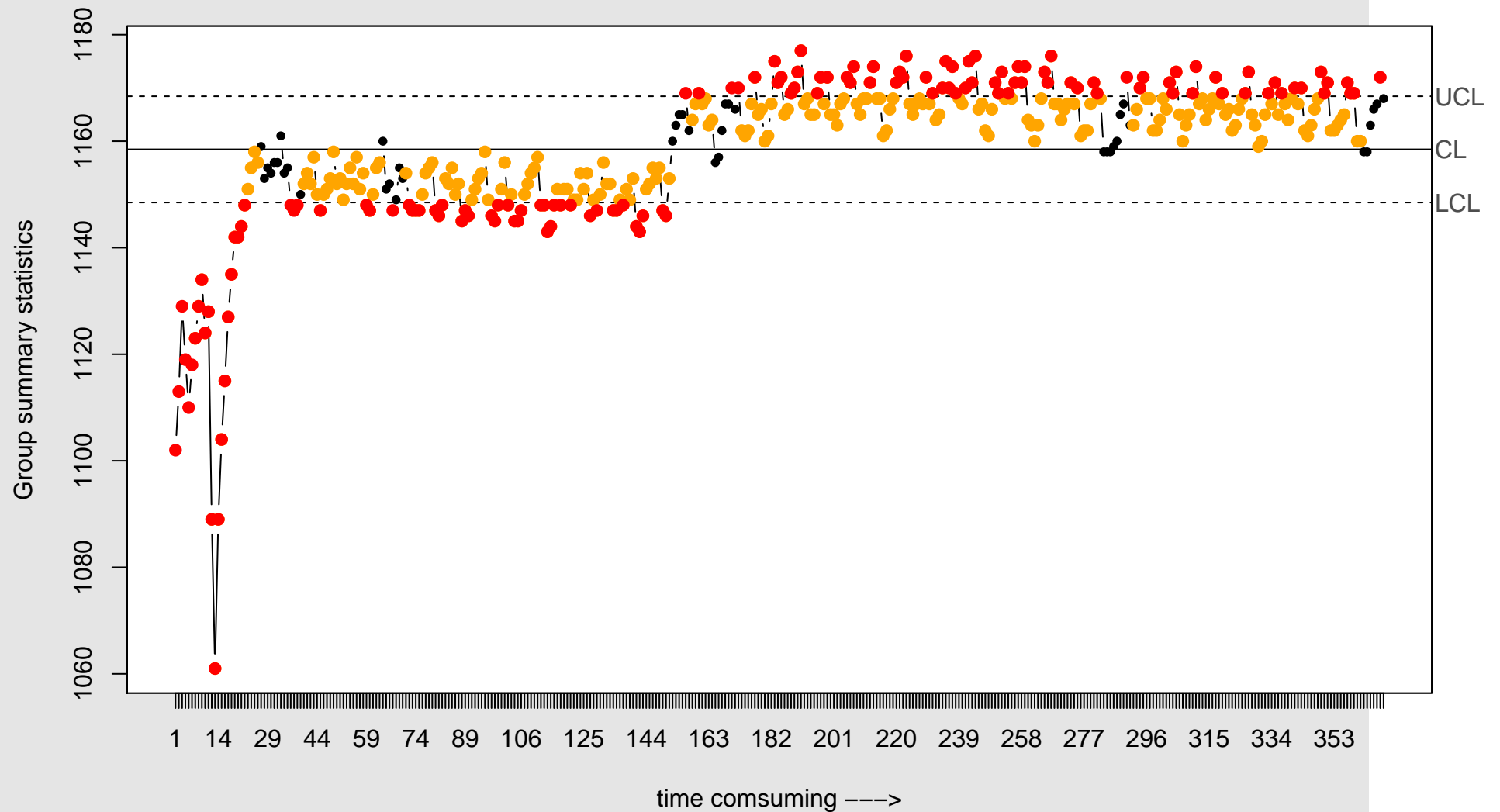
LCL = 1135.044

UCL = 1153.886

Number beyond limits = 158

Number violating runs = 314

319th column point of this product

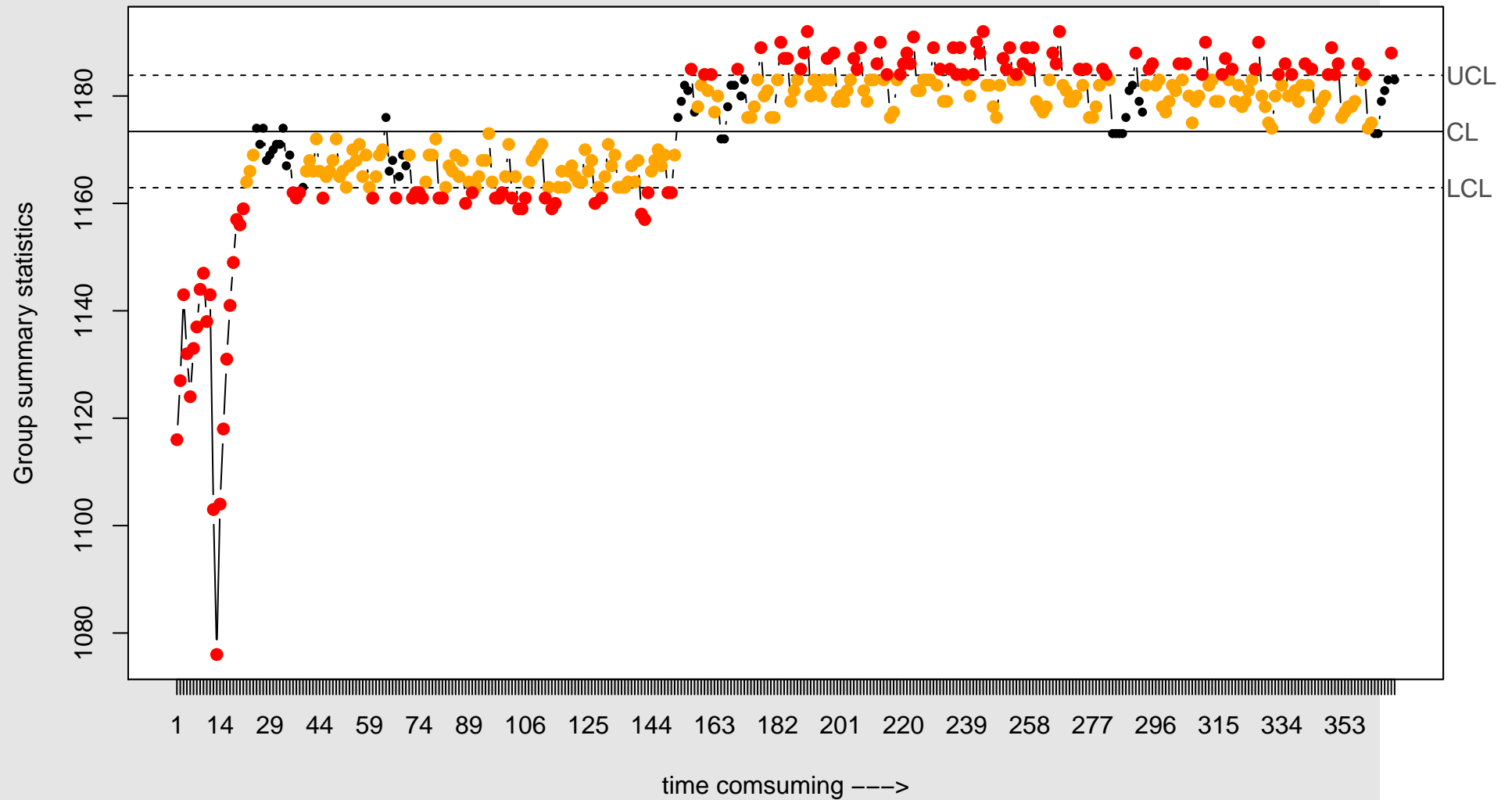


Number of groups = 368
Center = 1158.467
StdDev = 3.323864

LCL = 1148.496
UCL = 1168.439

Number beyond limits = 137
Number violating runs = 312

320th column point of this product

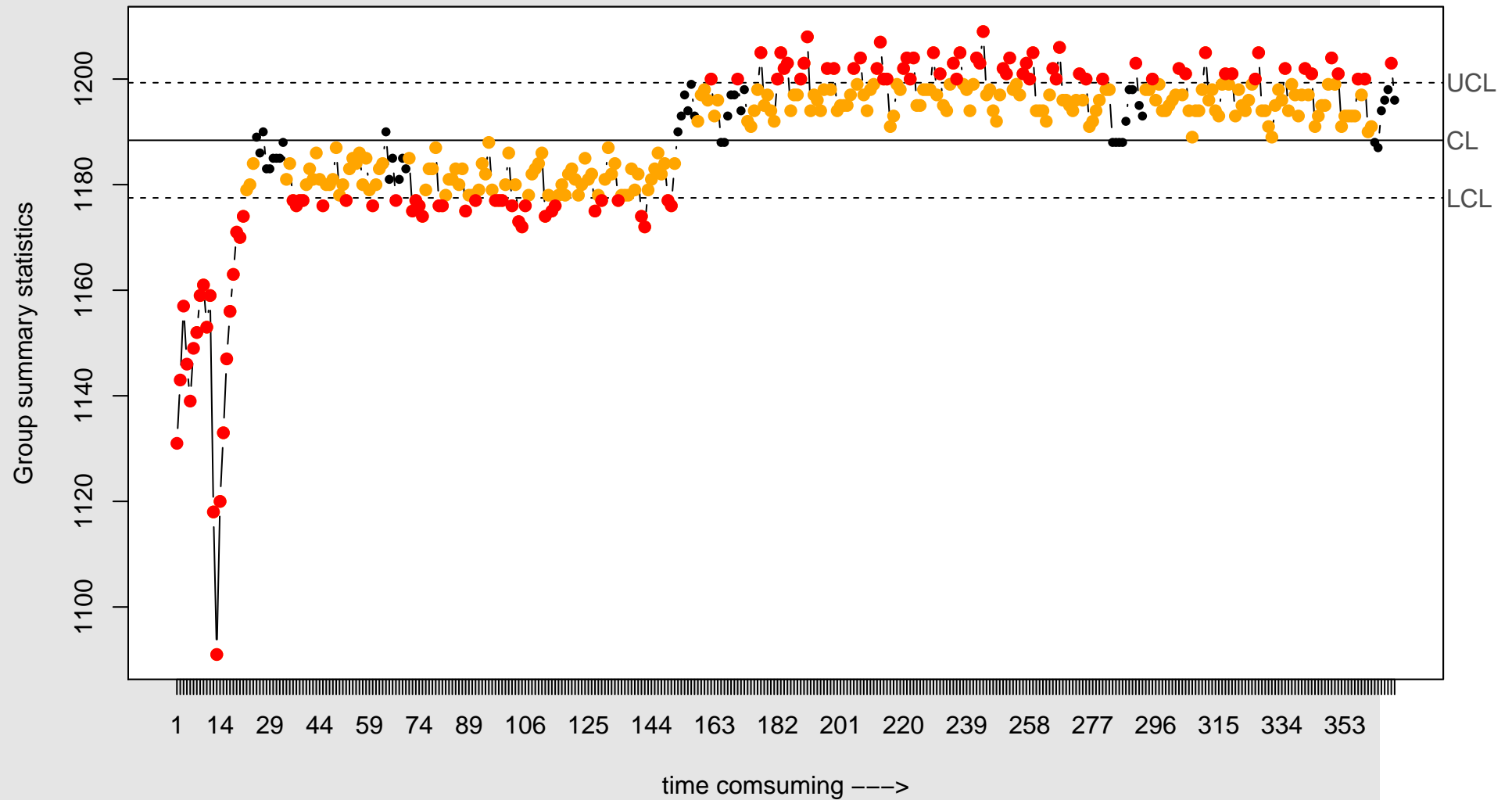


Number of groups = 368
Center = 1173.389
StdDev = 3.490541

LCL = 1162.917
UCL = 1183.86

Number beyond limits = 126
Number violating runs = 309

321th column point of this product



Number of groups = 368

Center = 1188.399

StdDev = 3.635476

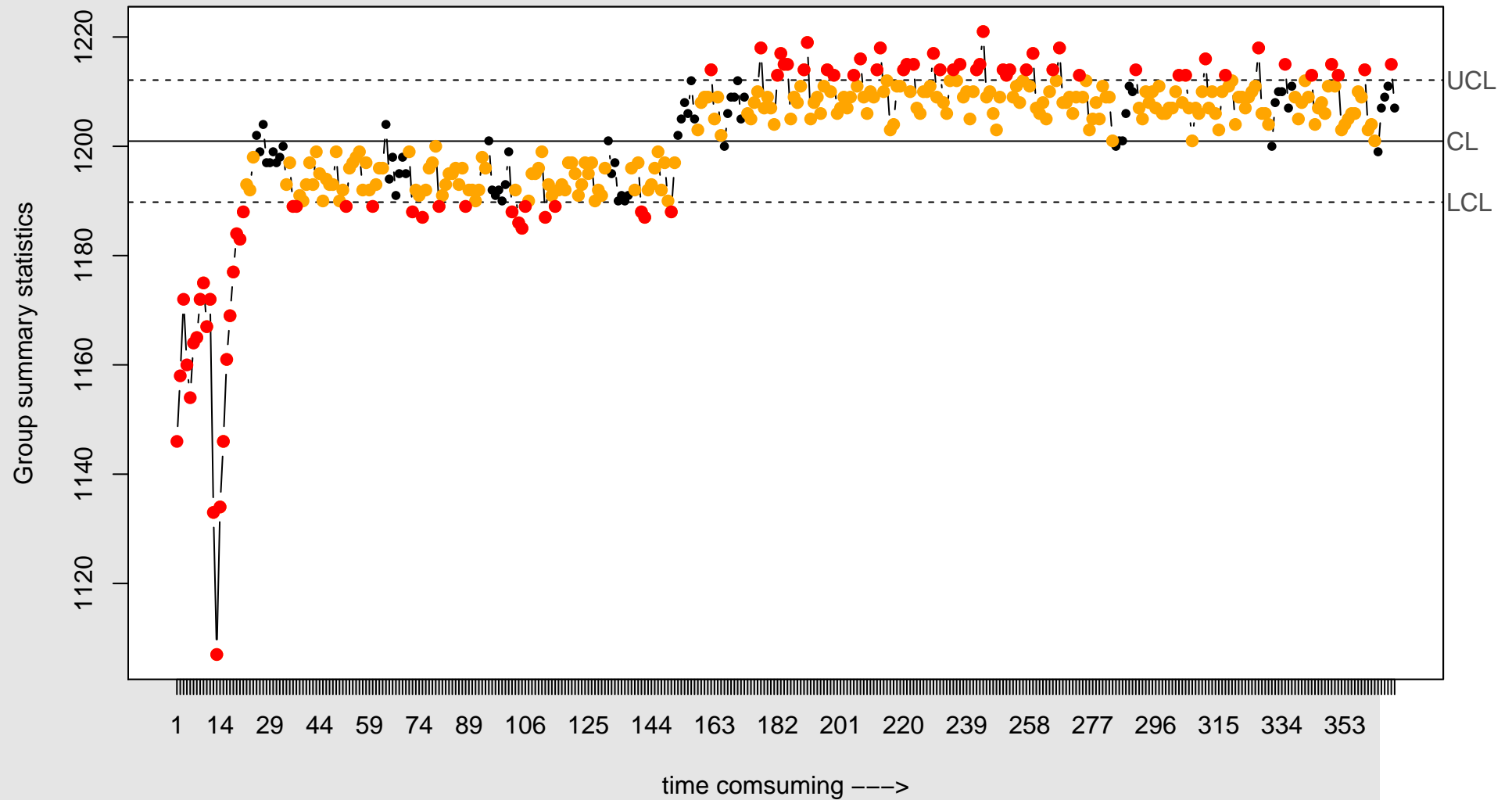
LCL = 1177.493

UCL = 1199.306

Number beyond limits = 114

Number violating runs = 315

322th column point of this product



Number of groups = 368

Center = 1200.946

StdDev = 3.722438

LCL = 1189.778

UCL = 1212.113

Number beyond limits = 82

Number violating runs = 299