m900488:CVPR2016\_Rcode jt306$ R --no-save < evaluate\_methods.R

R version 3.3.1 (2016-06-21) -- "Bug in Your Hair"

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Platform: x86\_64-apple-darwin13.4.0 (64-bit)

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>

> #This R script evaluate all methods compared in the manuscript

> #This data corresponds to one of 10 repeats when training

> #the attribute classifier 'railing', test scenario A.

>

>

> commandArgs <- function() 1

> source("simulateGPC.R")

[1] 1

0 New evidence: -276.9971

1 New evidence: -276.946 eps: 0.011 Change: 0.05108707 -3.017031

2 New evidence: -276.8628 eps: 0.0121 Change: 0.08325838 -3.04514

3 New evidence: -276.7081 eps: 0.01331 Change: 0.1547096 -3.084398

4 New evidence: -276.3512 eps: 0.014641 Change: 0.3568993 -3.144391

5 New evidence: -275.1756 eps: 0.0161051 Change: 1.175519 -3.251227

6 New evidence: -271.0239 eps: 0.01771561 Change: 4.15178 -3.482894

7 New evidence: -263.2249 eps: 0.01948717 Change: 7.798992 -3.805614

8 New evidence: -255.4064 eps: 0.02143589 Change: 7.818425 -4.237122

9 New evidence: -251.9107 eps: 0.02357948 Change: 3.495775 -4.269708

10 New evidence: -249.4511 eps: 0.02593742 Change: 2.459557 -4.32997

11 New evidence: -247.7999 eps: 0.02853117 Change: 1.651184 -4.386098

12 New evidence: -246.6933 eps: 0.03138428 Change: 1.106598 -4.439951

13 New evidence: -245.9378 eps: 0.03452271 Change: 0.7555254 -4.49092

14 New evidence: -245.4087 eps: 0.03797498 Change: 0.5291289 -4.539122

15 New evidence: -245.0275 eps: 0.04177248 Change: 0.3812141 -4.58483

16 New evidence: -244.7443 eps: 0.04594973 Change: 0.2831962 -4.628268

17 New evidence: -244.5267 eps: 0.0505447 Change: 0.2175811 -4.669617

18 New evidence: -244.3532 eps: 0.05559917 Change: 0.1735015 -4.708986

19 New evidence: -244.2092 eps: 0.06115909 Change: 0.1440312 -4.746321

20 New evidence: -244.0844 eps: 0.067275 Change: 0.1247932 -4.781787

21 New evidence: -243.9715 eps: 0.0740025 Change: 0.1128174 -4.815288

22 New evidence: -243.8654 eps: 0.08140275 Change: 0.1061723 -4.846783

23 New evidence: -243.7618 eps: 0.08954302 Change: 0.1035791 -4.876246

24 New evidence: -243.6576 eps: 0.09849733 Change: 0.104197 -4.903677

25 New evidence: -243.5501 eps: 0.1083471 Change: 0.1074819 -4.929098

26 New evidence: -243.437 eps: 0.1191818 Change: 0.1130955 -4.952551

27 New evidence: -243.3162 eps: 0.1310999 Change: 0.1208453 -4.974093

28 New evidence: -243.1855 eps: 0.1442099 Change: 0.1306467 -4.99379

29 New evidence: -243.043 eps: 0.1586309 Change: 0.142499 -5.01172

30 New evidence: -242.8866 eps: 0.174494 Change: 0.1564721 -5.027974

31 New evidence: -242.7139 eps: 0.1919434 Change: 0.1726922 -5.042401

32 New evidence: -242.5225 eps: 0.2111378 Change: 0.1913767 -5.055938

33 New evidence: -242.3097 eps: 0.2322515 Change: 0.2127636 -5.067356

34 New evidence: -242.0725 eps: 0.2554767 Change: 0.2371966 -5.079251

35 New evidence: -241.8074 eps: 0.2810244 Change: 0.265083 -5.087045

36 New evidence: -241.5106 eps: 0.3091268 Change: 0.296891 -5.101543

37 New evidence: -241.1776 eps: 0.3400395 Change: 0.3329195 -5.097125

38 New evidence: -240.8067 eps: 0.3740434 Change: 0.37094 -5.141574

39 New evidence: -240.4201 eps: 0.4114478 Change: 0.3866337 -5.043623

40 New evidence: -240.2549 eps: 0.4525926 Change: 0.1651852 -5.337826

41 New evidence: -244.6324 eps: 0.2262963 Change: 4.377559 -4.078046

42 New evidence: -276.4083 eps: 0.1131481 Change: 31.77589 -7.893202

43 New evidence: -240.3115 eps: 0.124463 Change: 36.0968 -5.958816

44 New evidence: -239.9013 eps: 0.1369092 Change: 0.4102361 -6.007397

45 New evidence: -239.4774 eps: 0.1506002 Change: 0.4239133 -6.065029

46 New evidence: -239.0944 eps: 0.1656602 Change: 0.3829255 -6.110232

47 New evidence: -238.7643 eps: 0.1822262 Change: 0.3301171 -6.103137

48 New evidence: -238.4217 eps: 0.2004488 Change: 0.342675 -6.038556

49 New evidence: -238.0424 eps: 0.2204937 Change: 0.3792306 -5.958951

50 New evidence: -237.6231 eps: 0.2425431 Change: 0.4193606 -5.873755

51 New evidence: -237.1608 eps: 0.2667974 Change: 0.4622454 -5.783152

52 New evidence: -236.6538 eps: 0.2934771 Change: 0.506979 -5.689286

53 New evidence: -236.1015 eps: 0.3228248 Change: 0.5523834 -5.596125

54 New evidence: -235.5036 eps: 0.3551073 Change: 0.5978866 -5.510315

55 New evidence: -234.8582 eps: 0.3906181 Change: 0.6453771 -5.440669

56 New evidence: -234.158 eps: 0.4296799 Change: 0.7001613 -5.394923

57 New evidence: -233.3898 eps: 0.4726479 Change: 0.7682514 -5.373119

58 New evidence: -232.5372 eps: 0.5199126 Change: 0.8525484 -5.369832

59 New evidence: -231.5846 eps: 0.5719039 Change: 0.9526625 -5.380978

60 New evidence: -230.5188 eps: 0.6290943 Change: 1.065738 -5.405871

61 New evidence: -229.3316 eps: 0.6920037 Change: 1.18722 -5.440395

62 New evidence: -228.0205 eps: 0.7612041 Change: 1.311151 -5.48736

63 New evidence: -226.5898 eps: 0.8373245 Change: 1.430686 -5.535906

64 New evidence: -225.0512 eps: 0.921057 Change: 1.53862 -5.605864

65 New evidence: -223.4226 eps: 1.013163 Change: 1.628548 -5.638199

66 New evidence: -221.7331 eps: 1.114479 Change: 1.689531 -5.785654

67 New evidence: -220.0588 eps: 1.225927 Change: 1.674288 -5.588871

68 New evidence: -219.0061 eps: 1.348519 Change: 1.052666 -6.574583

69 New evidence: -242.5664 eps: 0.6742597 Change: 23.56032 -3.870015

70 New evidence: -285.5397 eps: 0.3371299 Change: 42.97327 -35.39151

71 New evidence: -285.3712 eps: 0.3708429 Change: 0.1685218 -35.39151

72 New evidence: -285.1858 eps: 0.4079271 Change: 0.185377 -35.39151

73 New evidence: -284.9819 eps: 0.4487199 Change: 0.2039211 -35.39151

74 New evidence: -284.7576 eps: 0.4935918 Change: 0.2243193 -35.39151

75 New evidence: -284.5108 eps: 0.542951 Change: 0.2467567 -35.39151

76 New evidence: -284.2394 eps: 0.5972461 Change: 0.2714287 -35.39151

77 New evidence: -283.9408 eps: 0.6569707 Change: 0.2985741 -35.39151

78 New evidence: -283.6124 eps: 0.7226678 Change: 0.3284324 -35.39151

79 New evidence: -283.2511 eps: 0.7949346 Change: 0.3612475 -35.39151

80 New evidence: -282.8538 eps: 0.8744281 Change: 0.3973661 -35.39151

81 New evidence: -282.4167 eps: 0.9618709 Change: 0.4370238 -35.39151

82 New evidence: -281.936 eps: 1.058058 Change: 0.4807213 -35.39151

83 New evidence: -281.4074 eps: 1.163864 Change: 0.5286451 -35.39151

84 New evidence: -280.826 eps: 1.28025 Change: 0.581338 -35.39151

85 New evidence: -280.1853 eps: 1.408275 Change: 0.6407389 -35.39151

86 New evidence: -279.4756 eps: 1.549103 Change: 0.7096974 -35.39151

87 New evidence: -278.671 eps: 1.704013 Change: 0.8045748 -35.39151

88 New evidence: -277.7598 eps: 1.874414 Change: 0.9112752 -35.39151

89 New evidence: -277.3158 eps: 2.061856 Change: 0.4439082 -35.39151

90 New evidence: -277.2942 eps: 2.268041 Change: 0.02168544 -35.39151

91 New evidence: -277.2838 eps: 2.494845 Change: 0.01035734 -35.39151

92 New evidence: -277.2776 eps: 2.74433 Change: 0.006226032 -35.39151

93 New evidence: -277.2752 eps: 3.018763 Change: 0.002341641 -35.39151

94 New evidence: -277.2692 eps: 3.320639 Change: 0.006078778 -35.39151

95 New evidence: -277.2694 eps: 1.66032 Change: 0.0002692053 -35.39151

96 New evidence: -277.2674 eps: 1.826352 Change: 0.001994527 -35.39151

97 New evidence: -277.2676 eps: 0.9131758 Change: 0.0001222163 -35.39151

98 New evidence: -277.2667 eps: 1.004493 Change: 0.0008245722 -35.39151

99 New evidence: -277.2668 eps: 0.5022467 Change: 2.95826e-05 -35.39151

> source("simulateGPC\_conf.R")

[1] 1

0 New evidence: -277.1017

1 New evidence: -277.0826 eps: 0.0105 Change: 0.01911167

2 New evidence: -277.0568 eps: 0.011025 Change: 0.02583223

3 New evidence: -277.0201 eps: 0.01157625 Change: 0.03669785

4 New evidence: -276.9642 eps: 0.01215506 Change: 0.05587618

5 New evidence: -276.87 eps: 0.01276282 Change: 0.09419037

6 New evidence: -276.6836 eps: 0.01340096 Change: 0.1863595

7 New evidence: -276.203 eps: 0.014071 Change: 0.4806184

8 New evidence: -274.5102 eps: 0.01477455 Change: 1.692813

9 New evidence: -270.3122 eps: 0.01551328 Change: 4.197965

10 New evidence: -262.9823 eps: 0.01628895 Change: 7.329944

11 New evidence: -257.0016 eps: 0.01710339 Change: 5.98069

12 New evidence: -254.0496 eps: 0.01795856 Change: 2.952031

13 New evidence: -251.7912 eps: 0.01885649 Change: 2.258336

14 New evidence: -250.1061 eps: 0.01979932 Change: 1.6851

15 New evidence: -248.8483 eps: 0.02078928 Change: 1.257827

16 New evidence: -247.8944 eps: 0.02182875 Change: 0.9539324

17 New evidence: -247.1541 eps: 0.02292018 Change: 0.7402649

18 New evidence: -246.5638 eps: 0.02406619 Change: 0.5902667

19 New evidence: -246.0779 eps: 0.0252695 Change: 0.4859907

20 New evidence: -245.6608 eps: 0.02653298 Change: 0.4170102

21 New evidence: -245.2802 eps: 0.02785963 Change: 0.3806495

22 New evidence: -244.8899 eps: 0.02925261 Change: 0.3902711

23 New evidence: -244.3569 eps: 0.03071524 Change: 0.5330427

24 New evidence: -243.3718 eps: 0.032251 Change: 0.985116

25 New evidence: -241.9822 eps: 0.03386355 Change: 1.389608

26 New evidence: -240.5589 eps: 0.03555673 Change: 1.423281

27 New evidence: -239.3587 eps: 0.03733456 Change: 1.200142

28 New evidence: -238.4166 eps: 0.03920129 Change: 0.9420838

29 New evidence: -237.6794 eps: 0.04116136 Change: 0.7372195

30 New evidence: -237.0908 eps: 0.04321942 Change: 0.5886677

31 New evidence: -236.6092 eps: 0.04538039 Change: 0.4815161

32 New evidence: -236.2066 eps: 0.04764941 Change: 0.4026745

33 New evidence: -235.8634 eps: 0.05003189 Change: 0.3431965

34 New evidence: -235.5661 eps: 0.05253348 Change: 0.2972418

35 New evidence: -235.3051 eps: 0.05516015 Change: 0.2609834

36 New evidence: -235.0733 eps: 0.05791816 Change: 0.2318606

37 New evidence: -234.8652 eps: 0.06081407 Change: 0.2081347

38 New evidence: -234.6766 eps: 0.06385477 Change: 0.1885842

39 New evidence: -234.5042 eps: 0.06704751 Change: 0.1723599

40 New evidence: -234.3453 eps: 0.07039989 Change: 0.1588635

41 New evidence: -234.1977 eps: 0.07391988 Change: 0.1476812

42 New evidence: -234.0591 eps: 0.07761588 Change: 0.1385882

43 New evidence: -233.9276 eps: 0.08149667 Change: 0.1314832

44 New evidence: -233.8011 eps: 0.0855715 Change: 0.1264861

45 New evidence: -233.6771 eps: 0.08985008 Change: 0.1240393

46 New evidence: -233.5519 eps: 0.09434258 Change: 0.12514

47 New evidence: -233.4203 eps: 0.09905971 Change: 0.131578

48 New evidence: -233.2745 eps: 0.1040127 Change: 0.145898

49 New evidence: -233.1052 eps: 0.1092133 Change: 0.1692476

50 New evidence: -232.9095 eps: 0.114674 Change: 0.1956919

51 New evidence: -232.7003 eps: 0.1204077 Change: 0.2092293

52 New evidence: -232.5005 eps: 0.1264281 Change: 0.1998025

53 New evidence: -232.3171 eps: 0.1327495 Change: 0.1834166

54 New evidence: -232.138 eps: 0.139387 Change: 0.1790698

55 New evidence: -231.9561 eps: 0.1463563 Change: 0.1818596

56 New evidence: -231.7701 eps: 0.1536741 Change: 0.1860546

57 New evidence: -231.5787 eps: 0.1613578 Change: 0.1913484

58 New evidence: -231.3806 eps: 0.1694257 Change: 0.1980872

59 New evidence: -231.1757 eps: 0.177897 Change: 0.2049003

60 New evidence: -231.4422 eps: 0.0889485 Change: -0.2664149

61 New evidence: -231.1202 eps: 0.09339593 Change: 0.3219367

62 New evidence: -230.8747 eps: 0.09806573 Change: 0.2455588

63 New evidence: -230.733 eps: 0.102969 Change: 0.1417045

64 New evidence: -231.1863 eps: 0.05148451 Change: -0.4533311

65 New evidence: -230.6656 eps: 0.05405873 Change: 0.5206768

66 New evidence: -230.5054 eps: 0.05676167 Change: 0.1602342

67 New evidence: -230.5183 eps: 0.02838083 Change: -0.01295151

68 New evidence: -230.3901 eps: 0.02979988 Change: 0.1282792

69 New evidence: -230.3455 eps: 0.03128987 Change: 0.04452337

70 New evidence: -230.3046 eps: 0.03285436 Change: 0.04093661

71 New evidence: -230.2353 eps: 0.03449708 Change: 0.06925883

72 New evidence: -230.1779 eps: 0.03622194 Change: 0.05743438

73 New evidence: -230.1167 eps: 0.03803303 Change: 0.06117822

74 New evidence: -230.0536 eps: 0.03993468 Change: 0.06308783

75 New evidence: -229.9911 eps: 0.04193142 Change: 0.06253446

76 New evidence: -229.9293 eps: 0.04402799 Change: 0.06176921

77 New evidence: -229.8697 eps: 0.04622939 Change: 0.05963958

78 New evidence: -229.8142 eps: 0.04854086 Change: 0.05551031

79 New evidence: -229.7634 eps: 0.0509679 Change: 0.05077582

80 New evidence: -229.7123 eps: 0.0535163 Change: 0.05114065

81 New evidence: -229.6606 eps: 0.05619211 Change: 0.05168527

82 New evidence: -229.601 eps: 0.05900172 Change: 0.05958853

83 New evidence: -229.551 eps: 0.0619518 Change: 0.04999177

84 New evidence: -229.4953 eps: 0.06504939 Change: 0.05564942

85 New evidence: -229.4441 eps: 0.06830186 Change: 0.05123618

86 New evidence: -229.3895 eps: 0.07171695 Change: 0.05462451

87 New evidence: -229.3358 eps: 0.0753028 Change: 0.05373429

88 New evidence: -229.2792 eps: 0.07906794 Change: 0.05655872

89 New evidence: -229.2219 eps: 0.08302134 Change: 0.05733793

90 New evidence: -229.1615 eps: 0.08717241 Change: 0.06033309

91 New evidence: -229.0997 eps: 0.09153103 Change: 0.06178929

92 New evidence: -229.0351 eps: 0.09610758 Change: 0.06464316

93 New evidence: -228.9683 eps: 0.100913 Change: 0.06678831

94 New evidence: -228.8986 eps: 0.1059586 Change: 0.06974695

95 New evidence: -228.8263 eps: 0.1112565 Change: 0.07222385

96 New evidence: -228.7539 eps: 0.1168194 Change: 0.07242815

97 New evidence: -228.7702 eps: 0.05840968 Change: -0.01627279

98 New evidence: -229.0977 eps: 0.02920484 Change: -0.3275398

99 New evidence: -228.7354 eps: 0.03066508 Change: 0.3623408

> source("simulateGPC\_plus.R")

[1] 1

Iteration 1 0.4767842

Iteration 2 0.2376165

Iteration 3 0.1210907

Iteration 4 0.06271965

Iteration 5 0.03294611

Iteration 6 0.01752962

Iteration 7 0.009438939

Iteration 8 0.00513979

Iteration 9 0.002828606

Iteration 10 0.001572421

Iteration 11 0.0008825192

0 New evidence: -277.0576

sF: 0.001893658 s0F: -0.001934726 lF: -3.012224 sG: -8.012051e-05 s0G: -8.776742e-05 lG: -2.309554e-07 m0G: -1.000369

Iteration 1 0.0009914582

1 New evidence: -277.0275 eps: 0.0105 Change: 0.03007303

sF: 0.004296588 s0F: -0.004130493 lF: -3.0322 sG: -0.0001699982 s0G: -0.0001869514 lG: -5.056493e-07 m0G: -1.000785

Iteration 1 0.001486616

Iteration 2 0.001516402

Iteration 3 0.001140675

Iteration 4 0.000766387

2 New evidence: -276.9848 eps: 0.011025 Change: 0.04269044

sF: 0.007404464 s0F: -0.006716349 lF: -3.057168 sG: -0.0002846644 s0G: -0.0003168193 lG: -9.231007e-07 m0G: -1.001328

Iteration 1 0.001650588

Iteration 2 0.001558707

Iteration 3 0.001223614

Iteration 4 0.0008389948

3 New evidence: -276.9199 eps: 0.01157625 Change: 0.06484162

sF: 0.01141404 s0F: -0.01004255 lF: -3.089701 sG: -0.0004284383 s0G: -0.0004847257 lG: -1.537545e-06 m0G: -1.002025

Iteration 1 0.002662916

Iteration 2 0.002364522

Iteration 3 0.001896712

Iteration 4 0.001313383

Iteration 5 0.0008496963

4 New evidence: -276.8116 eps: 0.01215506 Change: 0.1083166

sF: 0.01690622 s0F: -0.01459258 lF: -3.134863 sG: -0.0006167897 s0G: -0.0007164932 lG: -2.52713e-06 m0G: -1.002979

Iteration 1 0.004852197

Iteration 2 0.004040804

Iteration 3 0.003319192

Iteration 4 0.002322011

Iteration 5 0.00151175

Iteration 6 0.0009474689

5 New evidence: -276.6021 eps: 0.01276282 Change: 0.209557

sF: 0.02518145 s0F: -0.0214535 lF: -3.20413 sG: -0.0008755503 s0G: -0.001068732 lG: -4.313827e-06 m0G: -1.004407

Iteration 1 0.01072347

Iteration 2 0.008551535

Iteration 3 0.007140156

Iteration 4 0.005022752

Iteration 5 0.003281264

Iteration 6 0.002063053

Iteration 7 0.00126973

Iteration 8 0.0007721195

6 New evidence: -276.09 eps: 0.01340096 Change: 0.5120885

sF: 0.03977063 s0F: -0.03358884 lF: -3.327709 sG: -0.001236031 s0G: -0.001699264 lG: -7.895399e-06 m0G: -1.006877

Iteration 1 0.02989643

Iteration 2 0.02060815

Iteration 3 0.01710532

Iteration 4 0.01193041

Iteration 5 0.007733692

Iteration 6 0.004831848

Iteration 7 0.002958836

Iteration 8 0.001792006

Iteration 9 0.001079214

Iteration 10 0.0006485013

7 New evidence: -274.4516 eps: 0.014071 Change: 1.63835

sF: 0.06995623 s0F: -0.05892743 lF: -3.549387 sG: -0.001556292 s0G: -0.003039098 lG: -6.019756e-06 m0G: -1.011756

Iteration 1 0.05864799

Iteration 2 0.03806548

Iteration 3 0.03014016

Iteration 4 0.0204346

Iteration 5 0.01303428

Iteration 6 0.008075959

Iteration 7 0.004931398

Iteration 8 0.002990533

Iteration 9 0.001809165

Iteration 10 0.001094885

Iteration 11 0.000664048

8 New evidence: -270.675 eps: 0.01477455 Change: 3.776648

sF: 0.1336387 s0F: -0.1137635 lF: -3.810809 sG: -0.0009320263 s0G: -0.005749974 lG: 3.767354e-05 m0G: -1.020648

Iteration 1 0.1032382

Iteration 2 0.06067075

Iteration 3 0.04494333

Iteration 4 0.03009695

Iteration 5 0.01896921

Iteration 6 0.01161189

Iteration 7 0.007002777

Iteration 8 0.004192532

Iteration 9 0.002503218

Iteration 10 0.001494821

Iteration 11 0.0008944792

9 New evidence: -264.6185 eps: 0.01551328 Change: 6.056522

sF: 0.2530608 s0F: -0.2190236 lF: -4.127918 sG: 0.002561201 s0G: -0.01054421 lG: 0.0001427502 m0G: -1.034852

Iteration 1 0.09234939

Iteration 2 0.06933039

Iteration 3 0.04660527

Iteration 4 0.02914086

Iteration 5 0.01765923

Iteration 6 0.01054308

Iteration 7 0.006252817

Iteration 8 0.003701362

Iteration 9 0.00219334

Iteration 10 0.001303574

Iteration 11 0.0007780247

10 New evidence: -258.3368 eps: 0.01628895 Change: 6.281617

sF: 0.4084597 s0F: -0.3566406 lF: -4.226005 sG: 0.008819016 s0G: -0.01675613 lG: 0.0006061229 m0G: -1.052596

Iteration 1 0.05044915

Iteration 2 0.02860269

Iteration 3 0.01683382

Iteration 4 0.009847732

Iteration 5 0.005755661

Iteration 6 0.003372256

Iteration 7 0.001984165

Iteration 8 0.001173535

Iteration 9 0.0006981064

11 New evidence: -255.3382 eps: 0.01710339 Change: 2.998599

sF: 0.5598664 s0F: -0.4890581 lF: -4.271518 sG: 0.01583353 s0G: -0.02340534 lG: 0.001463237 m0G: -1.07149

Iteration 1 0.04249777

Iteration 2 0.02052244

Iteration 3 0.009998283

Iteration 4 0.004915196

Iteration 5 0.00243852

Iteration 6 0.001226679

Iteration 7 0.0006284617

12 New evidence: -252.9945 eps: 0.01795856 Change: 2.34374

sF: 0.6979966 s0F: -0.6078851 lF: -4.31088 sG: 0.02291614 s0G: -0.03021758 lG: 0.002801221 m0G: -1.090818

Iteration 1 0.03540619

Iteration 2 0.01728906

Iteration 3 0.008513595

Iteration 4 0.00424289

Iteration 5 0.002157608

Iteration 6 0.00132209

Iteration 7 0.0008543625

13 New evidence: -251.1741 eps: 0.01885649 Change: 1.82037

sF: 0.8221627 s0F: -0.7128155 lF: -4.348215 sG: 0.02977169 s0G: -0.03706548 lG: 0.004703604 m0G: -1.110253

Iteration 1 0.02823605

Iteration 2 0.01381275

Iteration 3 0.006898398

Iteration 4 0.005249783

Iteration 5 0.003596868

Iteration 6 0.002336868

Iteration 7 0.001483092

Iteration 8 0.000932506

14 New evidence: -249.7801 eps: 0.01979932 Change: 1.393999

sF: 0.9338095 s0F: -0.8053152 lF: -4.383579 sG: 0.0362518 s0G: -0.0438838 lG: 0.007243819 m0G: -1.129598

Iteration 1 0.02356565

Iteration 2 0.01103233

Iteration 3 0.009217711

Iteration 4 0.006797638

Iteration 5 0.004550653

Iteration 6 0.002926731

Iteration 7 0.001851667

Iteration 8 0.001165678

Iteration 9 0.0007344744

15 New evidence: -248.709 eps: 0.02078928 Change: 1.071176

sF: 1.034674 s0F: -0.8872016 lF: -4.41703 sG: 0.04229937 s0G: -0.05063518 lG: 0.01048638 m0G: -1.148738

Iteration 1 0.02022722

Iteration 2 0.01122468

Iteration 3 0.01036346

Iteration 4 0.00749233

Iteration 5 0.004978746

Iteration 6 0.003197932

Iteration 7 0.002028284

Iteration 8 0.001283325

Iteration 9 0.0008141449

16 New evidence: -247.8762 eps: 0.02182875 Change: 0.8328053

sF: 1.126341 s0F: -0.9601774 lF: -4.448739 sG: 0.04791186 s0G: -0.05729845 lG: 0.01449407 m0G: -1.167604

Iteration 1 0.01749785

Iteration 2 0.01203885

Iteration 3 0.01076083

Iteration 4 0.007696727

Iteration 5 0.005097816

Iteration 6 0.003277424

Iteration 7 0.00208655

Iteration 8 0.001327871

Iteration 9 0.0008485254

17 New evidence: -247.219 eps: 0.02292018 Change: 0.6571583

sF: 1.210215 s0F: -1.025689 lF: -4.478815 sG: 0.05311271 s0G: -0.06386655 lG: 0.01933482 m0G: -1.186151

Iteration 1 0.01530962

Iteration 2 0.01217472

Iteration 3 0.0106813

Iteration 4 0.007591231

Iteration 5 0.005021327

Iteration 6 0.003234511

Iteration 7 0.0020681

Iteration 8 0.001324085

Iteration 9 0.0008522627

18 New evidence: -246.6922 eps: 0.02406619 Change: 0.5267877

sF: 1.287452 s0F: -1.084924 lF: -4.507405 sG: 0.05794195 s0G: -0.07033884 lG: 0.02508264 m0G: -1.204345

Iteration 1 0.01355784

Iteration 2 0.01193228

Iteration 3 0.01033356

Iteration 4 0.007309186

Iteration 5 0.004831201

Iteration 6 0.003118592

Iteration 7 0.002002472

Iteration 8 0.001289571

Iteration 9 0.0008358391

19 New evidence: -246.2633 eps: 0.0252695 Change: 0.4289093

sF: 1.358999 s0F: -1.138852 lF: -4.534661 sG: 0.06245038 s0G: -0.07671854 lG: 0.03182016 m0G: -1.222161

Iteration 1 0.0121495

Iteration 2 0.01149867

Iteration 3 0.00984896

Iteration 4 0.006935469

Iteration 5 0.004580361

Iteration 6 0.002962174

Iteration 7 0.00190953

Iteration 8 0.001236464

Iteration 9 0.0008066801

20 New evidence: -245.9088 eps: 0.02653298 Change: 0.3545222

sF: 1.425625 s0F: -1.188267 lF: -4.560726 sG: 0.06669674 s0G: -0.08301119 lG: 0.03964108 m0G: -1.239574

Iteration 1 0.01100911

Iteration 2 0.01098861

Iteration 3 0.00930834

Iteration 4 0.006522738

Iteration 5 0.004302059

Iteration 6 0.002786033

Iteration 7 0.001802235

Iteration 8 0.001172867

Iteration 9 0.0007698707

21 New evidence: -245.6114 eps: 0.02785963 Change: 0.297339

sF: 1.487962 s0F: -1.233823 lF: -4.585733 sG: 0.07074688 s0G: -0.08922381 lG: 0.04865318 m0G: -1.256559

Iteration 1 0.01007714

Iteration 2 0.01047236

Iteration 3 0.008761006

Iteration 4 0.00610329

Iteration 5 0.004016961

Iteration 6 0.002603325

Iteration 7 0.001688985

Iteration 8 0.001104169

Iteration 9 0.0007288831

22 New evidence: -245.3585 eps: 0.02925261 Change: 0.2529517

sF: 1.54653 s0F: -1.276068 lF: -4.609801 sG: 0.07467412 s0G: -0.0953645 lG: 0.05898178 m0G: -1.273089

Iteration 1 0.009306929

Iteration 2 0.009993494

Iteration 3 0.008237038

Iteration 4 0.00569687

Iteration 5 0.003737882

Iteration 6 0.002422395

Iteration 7 0.001575252

Iteration 8 0.001033983

Iteration 9 0.0006861199

23 New evidence: -245.1402 eps: 0.03071524 Change: 0.2182441

sF: 1.601765 s0F: -1.315466 lF: -4.633036 sG: 0.07856074 s0G: -0.1014422 lG: 0.0707743 m0G: -1.289132

Iteration 1 0.008661647

Iteration 2 0.009580189

Iteration 3 0.007755081

Iteration 4 0.005315657

Iteration 5 0.003472855

Iteration 6 0.00224862

Iteration 7 0.001464685

Iteration 8 0.0009648073

24 New evidence: -244.9493 eps: 0.032251 Change: 0.1909929

sF: 1.653954 s0F: -1.35242 lF: -4.655649 sG: 0.08250461 s0G: -0.1074623 lG: 0.08420088 m0G: -1.304661

Iteration 1 0.008014062

Iteration 2 0.009384879

Iteration 3 0.007393088

Iteration 4 0.004996986

Iteration 5 0.003239273

Iteration 6 0.002090069

Iteration 7 0.001361086

Iteration 8 0.0008985036

25 New evidence: -244.7797 eps: 0.03386355 Change: 0.1695686

sF: 1.703509 s0F: -1.387299 lF: -4.677544 sG: 0.08661132 s0G: -0.1134412 lG: 0.09947803 m0G: -1.319625

Iteration 1 0.007541426

Iteration 2 0.009155229

Iteration 3 0.007036552

Iteration 4 0.004699582

Iteration 5 0.003028521

Iteration 6 0.001950493

Iteration 7 0.001271612

Iteration 8 0.0008421253

26 New evidence: -244.6268 eps: 0.03555673 Change: 0.1529048

sF: 1.750682 s0F: -1.42042 lF: -4.698849 sG: 0.09100811 s0G: -0.1193903 lG: 0.1168629 m0G: -1.333966

Iteration 1 0.007144243

Iteration 2 0.009043003

Iteration 3 0.006744433

Iteration 4 0.004436875

Iteration 5 0.002836071

Iteration 6 0.001820293

Iteration 7 0.001186729

Iteration 8 0.0007878287

27 New evidence: -244.4866 eps: 0.03733456 Change: 0.1401372

sF: 1.795707 s0F: -1.452087 lF: -4.71965 sG: 0.0958497 s0G: -0.1253231 lG: 0.1366743 m0G: -1.347613

Iteration 1 0.007578137

Iteration 2 0.009064658

Iteration 3 0.006528815

Iteration 4 0.004219435

Iteration 5 0.002670844

Iteration 6 0.001706593

Iteration 7 0.001117802

Iteration 8 0.0007475659

28 New evidence: -244.3559 eps: 0.03920129 Change: 0.1307187

sF: 1.838795 s0F: -1.482601 lF: -4.740031 sG: 0.1013283 s0G: -0.131255 lG: 0.1593133 m0G: -1.360476

Iteration 1 0.008892004

Iteration 2 0.009245836

Iteration 3 0.006402173

Iteration 4 0.004054907

Iteration 5 0.002538201

Iteration 6 0.001628532

Iteration 7 0.001070223

Iteration 8 0.0007169665

29 New evidence: -244.2316 eps: 0.04116136 Change: 0.1243255

sF: 1.880137 s0F: -1.512273 lF: -4.760077 sG: 0.1076887 s0G: -0.137205 lG: 0.1852944 m0G: -1.372437

Iteration 1 0.01061032

Iteration 2 0.009618527

Iteration 3 0.006379652

Iteration 4 0.003952572

Iteration 5 0.002466466

Iteration 6 0.001583047

Iteration 7 0.00103909

Iteration 8 0.0006974905

30 New evidence: -244.1107 eps: 0.04321942 Change: 0.1208574

sF: 1.919919 s0F: -1.541448 lF: -4.77988 sG: 0.1152519 s0G: -0.1431962 lG: 0.2152916 m0G: -1.383344

Iteration 1 0.01285658

Iteration 2 0.01022534

Iteration 3 0.006481211

Iteration 4 0.003939737

Iteration 5 0.002460047

Iteration 6 0.001570708

Iteration 7 0.001030654

Iteration 8 0.0006938663

31 New evidence: -243.9903 eps: 0.04538039 Change: 0.1204792

sF: 1.958323 s0F: -1.570524 lF: -4.79955 sG: 0.1244519 s0G: -0.1492588 lG: 0.2502108 m0G: -1.39299

Iteration 1 0.01580411

Iteration 2 0.01112274

Iteration 3 0.006733543

Iteration 4 0.00407975

Iteration 5 0.002520018

Iteration 6 0.001603955

Iteration 7 0.001057785

Iteration 8 0.0007215025

32 New evidence: -243.8665 eps: 0.04764941 Change: 0.1237321

sF: 1.995546 s0F: -1.6 lF: -4.81923 sG: 0.1358979 s0G: -0.1554339 lG: 0.2913067 m0G: -1.40109

Iteration 1 0.01969576

Iteration 2 0.01238284

Iteration 3 0.007302802

Iteration 4 0.004354806

Iteration 5 0.002671519

Iteration 6 0.001724438

Iteration 7 0.001154732

Iteration 8 0.0007934131

33 New evidence: -243.7347 eps: 0.05003189 Change: 0.1317837

sF: 2.031811 s0F: -1.630536 lF: -4.839121 sG: 0.1504811 s0G: -0.1617811 lG: 0.3403791 m0G: -1.407238

Iteration 1 0.02486281

Iteration 2 0.01427756

Iteration 3 0.00818807

Iteration 4 0.004813493

Iteration 5 0.003018191

Iteration 6 0.001975181

Iteration 7 0.001337612

Iteration 8 0.0009352118

34 New evidence: -243.5878 eps: 0.05253348 Change: 0.1469778

sF: 2.067403 s0F: -1.663074 lF: -4.859523 sG: 0.1695726 s0G: -0.1683936 lG: 0.4001219 m0G: -1.410838

Iteration 1 0.03198245

Iteration 2 0.0170321

Iteration 3 0.009438294

Iteration 4 0.005694081

Iteration 5 0.003623624

Iteration 6 0.002415682

Iteration 7 0.001675973

Iteration 8 0.001193756

Iteration 9 0.0008673222

35 New evidence: -243.4137 eps: 0.05516015 Change: 0.1741148

sF: 2.102891 s0F: -1.699082 lF: -4.880673 sG: 0.1954234 s0G: -0.1754491 lG: 0.4748147 m0G: -1.410947

Iteration 1 0.04202758

Iteration 2 0.02038027

Iteration 3 0.01149798

Iteration 4 0.007038478

Iteration 5 0.004605699

Iteration 6 0.003172866

Iteration 7 0.002262334

Iteration 8 0.0016543

Iteration 9 0.001231999

Iteration 10 0.0009297822

36 New evidence: -243.1899 eps: 0.05791816 Change: 0.2237583

sF: 2.138997 s0F: -1.740895 lF: -4.903372 sG: 0.2319929 s0G: -0.1832608 lG: 0.5715511 m0G: -1.406081

Iteration 1 0.0557221

Iteration 2 0.02558983

Iteration 3 0.01427947

Iteration 4 0.008980978

Iteration 5 0.006076175

Iteration 6 0.004318844

Iteration 7 0.003175725

Iteration 8 0.002390641

Iteration 9 0.001830204

Iteration 10 0.001418421

Iteration 11 0.001128896

Iteration 12 0.0009085471

37 New evidence: -242.8692 eps: 0.06081407 Change: 0.32072

sF: 2.177422 s0F: -1.792608 lF: -4.92836 sG: 0.2867767 s0G: -0.1925431 lG: 0.7027152 m0G: -1.393843

Iteration 1 0.07343729

Iteration 2 0.03146845

Iteration 3 0.01725768

Iteration 4 0.01090037

Iteration 5 0.007830063

Iteration 6 0.005889965

Iteration 7 0.004518946

Iteration 8 0.00351452

Iteration 9 0.002760096

Iteration 10 0.002183452

Iteration 11 0.001752979

Iteration 12 0.001435029

Iteration 13 0.001170307

Iteration 14 0.0009528063

38 New evidence: -242.3431 eps: 0.06385477 Change: 0.5261128

sF: 2.221273 s0F: -1.860591 lF: -4.95665 sG: 0.3734064 s0G: -0.2048321 lG: 0.8876887 m0G: -1.371131

Iteration 1 0.08199052

Iteration 2 0.03458148

Iteration 3 0.02093159

Iteration 4 0.01395521

Iteration 5 0.009893712

Iteration 6 0.007284919

Iteration 7 0.005486406

Iteration 8 0.00418925

Iteration 9 0.003227821

Iteration 10 0.002503287

Iteration 11 0.001951381

Iteration 12 0.001527775

Iteration 13 0.001200737

Iteration 14 0.0009470228

39 New evidence: -241.396 eps: 0.06704751 Change: 0.9470441

sF: 2.274764 s0F: -1.949595 lF: -4.987096 sG: 0.5051374 s0G: -0.2218771 lG: 1.136343 m0G: -1.337477

Iteration 1 0.1278094

Iteration 2 0.06588345

Iteration 3 0.03264115

Iteration 4 0.01525197

Iteration 5 0.009134848

Iteration 6 0.006480666

Iteration 7 0.004524313

Iteration 8 0.003162729

Iteration 9 0.002231095

Iteration 10 0.001700788

Iteration 11 0.001299247

Iteration 12 0.0009917388

40 New evidence: -239.9035 eps: 0.07039989 Change: 1.492516

sF: 2.338055 s0F: -2.053765 lF: -5.016752 sG: 0.6675614 s0G: -0.2413346 lG: 1.403719 m0G: -1.298563

Iteration 1 0.1789841

Iteration 2 0.08857112

Iteration 3 0.04451287

Iteration 4 0.02255419

Iteration 5 0.01143676

Iteration 6 0.005751238

Iteration 7 0.003622296

Iteration 8 0.002375033

Iteration 9 0.001561817

Iteration 10 0.001036078

Iteration 11 0.0006952831

41 New evidence: -238.3343 eps: 0.07391988 Change: 1.569159

sF: 2.406162 s0F: -2.161013 lF: -5.044774 sG: 0.8278692 s0G: -0.258607 lG: 1.621589 m0G: -1.260693

Iteration 1 0.1550315

Iteration 2 0.07289933

Iteration 3 0.03561013

Iteration 4 0.01806282

Iteration 5 0.009454109

Iteration 6 0.005065587

Iteration 7 0.002756215

Iteration 8 0.001605103

Iteration 9 0.001004627

Iteration 10 0.0006510247

42 New evidence: -237.1927 eps: 0.07761588 Change: 1.141684

sF: 2.474123 s0F: -2.264321 lF: -5.072903 sG: 0.973901 s0G: -0.2729423 lG: 1.775544 m0G: -1.226383

Iteration 1 0.1101878

Iteration 2 0.04902723

Iteration 3 0.02321939

Iteration 4 0.01166609

Iteration 5 0.006144257

Iteration 6 0.003349723

Iteration 7 0.001870398

Iteration 8 0.001118642

Iteration 9 0.0006848054

43 New evidence: -236.4322 eps: 0.08149667 Change: 0.7604093

sF: 2.540707 s0F: -2.362235 lF: -5.099847 sG: 1.107117 s0G: -0.285304 lG: 1.882257 m0G: -1.196096

Iteration 1 0.07822055

Iteration 2 0.03311357

Iteration 3 0.01521601

Iteration 4 0.007516475

Iteration 5 0.003917799

Iteration 6 0.002117626

Iteration 7 0.001284127

Iteration 8 0.0008630084

44 New evidence: -235.8872 eps: 0.0855715 Change: 0.5450682

sF: 2.605319 s0F: -2.454802 lF: -5.125872 sG: 1.230195 s0G: -0.2963543 lG: 1.958427 m0G: -1.169567

Iteration 1 0.06027781

Iteration 2 0.02455281

Iteration 3 0.01107549

Iteration 4 0.005440525

Iteration 5 0.002837175

Iteration 6 0.00160514

Iteration 7 0.001107889

Iteration 8 0.0007514063

45 New evidence: -235.4623 eps: 0.08985008 Change: 0.4249109

sF: 2.668528 s0F: -2.542523 lF: -5.149698 sG: 1.344889 s0G: -0.3063817 lG: 2.015134 m0G: -1.146403

Iteration 1 0.04742655

Iteration 2 0.01799755

Iteration 3 0.007669135

Iteration 4 0.003601156

Iteration 5 0.002137483

Iteration 6 0.001549452

Iteration 7 0.001092009

Iteration 8 0.0007590168

46 New evidence: -235.1116 eps: 0.09434258 Change: 0.3507186

sF: 2.72988 s0F: -2.62574 lF: -5.172826 sG: 1.452347 s0G: -0.315526 lG: 2.059093 m0G: -1.126119

Iteration 1 0.04007804

Iteration 2 0.01448886

Iteration 3 0.006035596

Iteration 4 0.002830537

Iteration 5 0.001921945

Iteration 6 0.001395246

Iteration 7 0.0009884995

47 New evidence: -234.8118 eps: 0.09905971 Change: 0.299794

sF: 2.789143 s0F: -2.705066 lF: -5.19575 sG: 1.553218 s0G: -0.3239018 lG: 2.094362 m0G: -1.108377

Iteration 1 0.03567936

Iteration 2 0.01260901

Iteration 3 0.005332524

Iteration 4 0.002606905

Iteration 5 0.001700963

Iteration 6 0.001229014

Iteration 7 0.000868685

48 New evidence: -234.5495 eps: 0.1040127 Change: 0.2622342

sF: 2.847524 s0F: -2.781056 lF: -5.216061 sG: 1.64806 s0G: -0.3315219 lG: 2.123489 m0G: -1.092921

Iteration 1 0.02760494

Iteration 2 0.008141134

Iteration 3 0.002942381

Iteration 4 0.002387407

Iteration 5 0.001809688

Iteration 6 0.001333223

Iteration 7 0.000967218

49 New evidence: -234.3157 eps: 0.1092133 Change: 0.2337819

sF: 2.903937 s0F: -2.853844 lF: -5.236868 sG: 1.737431 s0G: -0.3384203 lG: 2.148115 m0G: -1.079383

Iteration 1 0.02545301

Iteration 2 0.007507388

Iteration 3 0.002814337

Iteration 4 0.002069339

Iteration 5 0.001557024

Iteration 6 0.001139805

Iteration 7 0.0008221925

50 New evidence: -234.1044 eps: 0.114674 Change: 0.2113346

sF: 2.959791 s0F: -2.923975 lF: -5.255082 sG: 1.821635 s0G: -0.3446114 lG: 2.169347 m0G: -1.067614

Iteration 1 0.01787235

Iteration 2 0.004081671

Iteration 3 0.002887317

Iteration 4 0.00225948

Iteration 5 0.001712209

Iteration 6 0.001279833

Iteration 7 0.0009476662

51 New evidence: -233.9105 eps: 0.1204077 Change: 0.193957

sF: 3.013674 s0F: -2.991498 lF: -5.274484 sG: 1.901121 s0G: -0.3501301 lG: 2.187979 m0G: -1.05732

Iteration 1 0.01786208

Iteration 2 0.004119438

Iteration 3 0.002396616

Iteration 4 0.001872895

Iteration 5 0.001410809

Iteration 6 0.001046071

Iteration 7 0.0007669618

52 New evidence: -233.7304 eps: 0.1264281 Change: 0.1800079

sF: 3.067447 s0F: -3.056945 lF: -5.290778 sG: 1.976108 s0G: -0.3549784 lG: 2.204609 m0G: -1.048431

Iteration 1 0.01055769

Iteration 2 0.005450692

Iteration 3 0.003352214

Iteration 4 0.002261264

Iteration 5 0.001702184

Iteration 6 0.001304082

Iteration 7 0.0009878746

53 New evidence: -233.5608 eps: 0.1327495 Change: 0.1696699

sF: 3.118946 s0F: -3.120231 lF: -5.309501 sG: 2.047074 s0G: -0.3592094 lG: 2.219754 m0G: -1.040662

Iteration 1 0.01263987

Iteration 2 0.003032513

Iteration 3 0.002050341

Iteration 4 0.0016135

Iteration 5 0.001244357

Iteration 6 0.0009457375

54 New evidence: -233.3991 eps: 0.139387 Change: 0.1617167

sF: 3.16961 s0F: -3.181998 lF: -5.326505 sG: 2.11418 s0G: -0.3628901 lG: 2.233952 m0G: -1.034006

Iteration 1 0.008881258

Iteration 2 0.004528544

Iteration 3 0.002384323

Iteration 4 0.001689474

Iteration 5 0.001363727

Iteration 6 0.001083001

Iteration 7 0.0008399694

55 New evidence: -233.2417 eps: 0.1463563 Change: 0.1573212

sF: 3.220283 s0F: -3.242232 lF: -5.340882 sG: 2.178414 s0G: -0.3660196 lG: 2.24804 m0G: -1.028229

Iteration 1 0.01303546

Iteration 2 0.007539643

Iteration 3 0.004059546

Iteration 4 0.002298708

Iteration 5 0.001716414

Iteration 6 0.001441683

Iteration 7 0.001159321

Iteration 8 0.0008995275

56 New evidence: -233.0837 eps: 0.1536741 Change: 0.158084

sF: 3.269764 s0F: -3.300822 lF: -5.35616 sG: 2.24133 s0G: -0.3687821 lG: 2.263637 m0G: -1.022882

Iteration 1 0.01115496

Iteration 2 0.006894092

Iteration 3 0.003325176

Iteration 4 0.001518076

Iteration 5 0.001596089

Iteration 6 0.001532281

Iteration 7 0.00131257

Iteration 8 0.001056258

Iteration 9 0.0008117873

57 New evidence: -232.9158 eps: 0.1613578 Change: 0.1678149

sF: 3.318469 s0F: -3.358091 lF: -5.370861 sG: 2.306179 s0G: -0.3716114 lG: 2.284314 m0G: -1.017336

Iteration 1 0.01747613

Iteration 2 0.009233318

Iteration 3 0.00417566

Iteration 4 0.002333623

Iteration 5 0.001984529

Iteration 6 0.002228653

Iteration 7 0.002045394

Iteration 8 0.001682309

Iteration 9 0.001314646

Iteration 10 0.0009863147

58 New evidence: -232.7204 eps: 0.1694257 Change: 0.1954576

sF: 3.363795 s0F: -3.414167 lF: -5.389985 sG: 2.380399 s0G: -0.3754908 lG: 2.316167 m0G: -1.009889

Iteration 1 0.03120937

Iteration 2 0.01425104

Iteration 3 0.008343358

Iteration 4 0.004289744

Iteration 5 0.003370933

Iteration 6 0.002784538

Iteration 7 0.00278277

Iteration 8 0.002350981

Iteration 9 0.001826566

Iteration 10 0.00136967

Iteration 11 0.0009933441

59 New evidence: -232.4813 eps: 0.177897 Change: 0.2391188

sF: 3.403573 s0F: -3.469763 lF: -5.414623 sG: 2.475525 s0G: -0.3816347 lG: 2.359887 m0G: -0.996989

Iteration 1 0.0370229

Iteration 2 0.02084918

Iteration 3 0.01407893

Iteration 4 0.00840246

Iteration 5 0.004337924

Iteration 6 0.002654721

Iteration 7 0.002462919

Iteration 8 0.002165358

Iteration 9 0.00169537

Iteration 10 0.001243851

Iteration 11 0.0008886661

60 New evidence: -232.2241 eps: 0.1867919 Change: 0.2571126

sF: 3.434321 s0F: -3.525719 lF: -5.447514 sG: 2.598032 s0G: -0.3900739 lG: 2.394271 m0G: -0.974046

Iteration 1 0.06797573

Iteration 2 0.03540741

Iteration 3 0.02442239

Iteration 4 0.01505564

Iteration 5 0.008974949

Iteration 6 0.005360629

Iteration 7 0.003287114

Iteration 8 0.002102208

Iteration 9 0.001410823

Iteration 10 0.0009907514

61 New evidence: -231.9803 eps: 0.1961315 Change: 0.2438096

sF: 3.463346 s0F: -3.583447 lF: -5.469967 sG: 2.73455 s0G: -0.3994719 lG: 2.414166 m0G: -0.9446774

Iteration 1 0.05113244

Iteration 2 0.02260891

Iteration 3 0.01583942

Iteration 4 0.009914529

Iteration 5 0.006119959

Iteration 6 0.003845762

Iteration 7 0.002511443

Iteration 8 0.001719028

Iteration 9 0.001230629

Iteration 10 0.0009133764

62 New evidence: -231.7365 eps: 0.205938 Change: 0.2438581

sF: 3.491492 s0F: -3.642023 lF: -5.486599 sG: 2.872812 s0G: -0.4090018 lG: 2.43547 m0G: -0.914134

Iteration 1 0.03778259

Iteration 2 0.01408932

Iteration 3 0.01106313

Iteration 4 0.006964409

Iteration 5 0.004323198

Iteration 6 0.002737561

Iteration 7 0.00181976

Iteration 8 0.001282919

Iteration 9 0.0009538819

63 New evidence: -231.4897 eps: 0.2162349 Change: 0.2468074

sF: 3.516019 s0F: -3.700819 lF: -5.505566 sG: 3.013885 s0G: -0.4186242 lG: 2.452912 m0G: -0.8809939

Iteration 1 0.04820939

Iteration 2 0.01956593

Iteration 3 0.01501563

Iteration 4 0.007260738

Iteration 5 0.004141038

Iteration 6 0.003891289

Iteration 7 0.003403323

Iteration 8 0.00281294

Iteration 9 0.002239538

Iteration 10 0.001742598

Iteration 11 0.001338682

Iteration 12 0.001022339

Iteration 13 0.0007797391

64 New evidence: -231.4207 eps: 0.2270467 Change: 0.0690013

sF: 3.575594 s0F: -3.760981 lF: -5.454135 sG: 3.079523 s0G: -0.4106287 lG: 2.585548 m0G: -0.87864

Iteration 1 0.2051569

Iteration 2 0.1265076

Iteration 3 0.07500519

Iteration 4 0.04063291

Iteration 5 0.02069947

Iteration 6 0.01331464

Iteration 7 0.008733204

Iteration 8 0.005718345

Iteration 9 0.003749472

Iteration 10 0.002466913

Iteration 11 0.001630775

Iteration 12 0.001084067

Iteration 13 0.0007250471

65 New evidence: -231.7855 eps: 0.1135233 Change: -0.3648104

sF: 3.606353 s0F: -3.785568 lF: -5.444912 sG: 3.067221 s0G: -0.4055165 lG: 2.585923 m0G: -0.8846003

Iteration 1 0.06098206

Iteration 2 0.03343161

Iteration 3 0.01955693

Iteration 4 0.01129152

Iteration 5 0.006696959

Iteration 6 0.004089565

Iteration 7 0.002582648

Iteration 8 0.001685437

Iteration 9 0.001133383

Iteration 10 0.0008208139

66 New evidence: -231.7067 eps: 0.1191995 Change: 0.07883042

sF: 3.633674 s0F: -3.809767 lF: -5.448814 sG: 3.055131 s0G: -0.4004174 lG: 2.586387 m0G: -0.890417

Iteration 1 0.02568684

Iteration 2 0.01308855

Iteration 3 0.008092131

Iteration 4 0.004751089

Iteration 5 0.002883701

Iteration 6 0.00179781

Iteration 7 0.001158198

Iteration 8 0.0007699393

67 New evidence: -231.6266 eps: 0.1251595 Change: 0.08000448

sF: 3.661504 s0F: -3.834249 lF: -5.453814 sG: 3.043164 s0G: -0.3950475 lG: 2.587 m0G: -0.8962694

Iteration 1 0.02345924

Iteration 2 0.0117523

Iteration 3 0.00730355

Iteration 4 0.004289805

Iteration 5 0.002606978

Iteration 6 0.001627222

Iteration 7 0.001049543

Iteration 8 0.0006985002

68 New evidence: -231.5434 eps: 0.1314175 Change: 0.08328976

sF: 3.68979 s0F: -3.85906 lF: -5.459695 sG: 3.03137 s0G: -0.3894046 lG: 2.587855 m0G: -0.9021574

Iteration 1 0.02173512

Iteration 2 0.01071342

Iteration 3 0.006685123

Iteration 4 0.003929714

Iteration 5 0.002392239

Iteration 6 0.001495841

Iteration 7 0.0009664264

69 New evidence: -231.4564 eps: 0.1379883 Change: 0.08693055

sF: 3.717433 s0F: -3.884248 lF: -5.468307 sG: 3.01984 s0G: -0.3834845 lG: 2.589113 m0G: -0.9080866

Iteration 1 0.0150524

Iteration 2 0.006773691

Iteration 3 0.004421413

Iteration 4 0.002633689

Iteration 5 0.001635715

Iteration 6 0.001041855

Iteration 7 0.0006847629

70 New evidence: -231.3655 eps: 0.1448877 Change: 0.09095202

sF: 3.746634 s0F: -3.909946 lF: -5.474278 sG: 3.00863 s0G: -0.3771756 lG: 2.59113 m0G: -0.9140855

Iteration 1 0.02224469

Iteration 2 0.01089743

Iteration 3 0.006703857

Iteration 4 0.00394905

Iteration 5 0.002416391

Iteration 6 0.001522755

Iteration 7 0.0009914854

71 New evidence: -231.2685 eps: 0.1521321 Change: 0.09696183

sF: 3.774461 s0F: -3.936014 lF: -5.48443 sG: 2.998049 s0G: -0.3704533 lG: 2.59504 m0G: -0.9200664

Iteration 1 0.01184171

Iteration 2 0.004613176

Iteration 3 0.002953807

Iteration 4 0.001869927

Iteration 5 0.001277041

Iteration 6 0.000897117

72 New evidence: -231.1574 eps: 0.1597387 Change: 0.1110985

sF: 3.802596 s0F: -3.962692 lF: -5.493622 sG: 2.989395 s0G: -0.3631565 lG: 2.608342 m0G: -0.9260053

Iteration 1 0.01401724

Iteration 2 0.005929157

Iteration 3 0.00324377

Iteration 4 0.002152301

Iteration 5 0.001569926

Iteration 6 0.001174982

Iteration 7 0.001075171

Iteration 8 0.0008870297

73 New evidence: -231.0251 eps: 0.1677257 Change: 0.1323518

sF: 3.831537 s0F: -3.989922 lF: -5.501256 sG: 2.982922 s0G: -0.3528823 lG: 2.639784 m0G: -0.931622

Iteration 1 0.01800779

Iteration 2 0.008886247

Iteration 3 0.005877405

Iteration 4 0.003282829

Iteration 5 0.001810859

Iteration 6 0.0009890312

74 New evidence: -230.9426 eps: 0.176112 Change: 0.08241596

sF: 3.862082 s0F: -4.01761 lF: -5.506623 sG: 2.973472 s0G: -0.3414893 lG: 2.645165 m0G: -0.9375507

Iteration 1 0.04121257

Iteration 2 0.01735203

Iteration 3 0.008648055

Iteration 4 0.005224657

Iteration 5 0.004081628

Iteration 6 0.004020805

Iteration 7 0.003857627

Iteration 8 0.003220503

Iteration 9 0.002497574

Iteration 10 0.001855035

Iteration 11 0.00134207

Iteration 12 0.0009556036

75 New evidence: -230.699 eps: 0.1849176 Change: 0.2436158

sF: 3.889938 s0F: -4.045585 lF: -5.518872 sG: 2.980059 s0G: -0.3257411 lG: 2.742562 m0G: -0.9411607

Iteration 1 0.03927286

Iteration 2 0.01806219

Iteration 3 0.009894423

Iteration 4 0.005967681

Iteration 5 0.004147661

Iteration 6 0.003483069

Iteration 7 0.003433072

Iteration 8 0.002878794

Iteration 9 0.002220503

Iteration 10 0.001631095

Iteration 11 0.001162794

Iteration 12 0.0008177557

76 New evidence: -230.4397 eps: 0.1941634 Change: 0.2593545

sF: 3.915706 s0F: -4.074277 lF: -5.533177 sG: 3.005327 s0G: -0.307527 lG: 2.891794 m0G: -0.9412434

Iteration 1 0.03981825

Iteration 2 0.02146162

Iteration 3 0.01309981

Iteration 4 0.008336885

Iteration 5 0.005322984

Iteration 6 0.003426194

Iteration 7 0.003185293

Iteration 8 0.002670192

Iteration 9 0.002069381

Iteration 10 0.001534821

Iteration 11 0.001109473

Iteration 12 0.0007901113

77 New evidence: -230.4987 eps: 0.09708171 Change: -0.05897728

sF: 3.933747 s0F: -4.088389 lF: -5.527646 sG: 3.004414 s0G: -0.2978376 lG: 2.923288 m0G: -0.9437145

Iteration 1 0.1443648

Iteration 2 0.06275096

Iteration 3 0.03356537

Iteration 4 0.02258249

Iteration 5 0.01764411

Iteration 6 0.01382999

Iteration 7 0.01360123

Iteration 8 0.01138439

Iteration 9 0.008767122

Iteration 10 0.006428887

Iteration 11 0.004573814

Iteration 12 0.003193584

Iteration 13 0.002205063

Iteration 14 0.001513405

Iteration 15 0.001036219

Iteration 16 0.0007096023

78 New evidence: -229.9798 eps: 0.1019358 Change: 0.5188806

sF: 3.936797 s0F: -4.102554 lF: -5.553334 sG: 3.051738 s0G: -0.296403 lG: 2.985725 m0G: -0.9340966

Iteration 1 0.06262083

Iteration 2 0.03369138

Iteration 3 0.01912082

Iteration 4 0.01169008

Iteration 5 0.007225974

Iteration 6 0.005384744

Iteration 7 0.005328742

Iteration 8 0.004498132

Iteration 9 0.00350044

Iteration 10 0.002598681

Iteration 11 0.001874549

Iteration 12 0.001347638

Iteration 13 0.0009619528

79 New evidence: -230.1913 eps: 0.0509679 Change: -0.2114866

sF: 3.945658 s0F: -4.109954 lF: -5.549267 sG: 3.057704 s0G: -0.2921126 lG: 3.009968 m0G: -0.9346038

Iteration 1 0.1539272

Iteration 2 0.06894663

Iteration 3 0.04527958

Iteration 4 0.01808049

Iteration 5 0.01150433

Iteration 6 0.008265915

Iteration 7 0.006887694

Iteration 8 0.006538587

Iteration 9 0.005358751

Iteration 10 0.004070931

Iteration 11 0.002958827

Iteration 12 0.002093457

Iteration 13 0.001457342

Iteration 14 0.001005251

Iteration 15 0.0006904105

80 New evidence: -229.9046 eps: 0.0535163 Change: 0.2866262

sF: 3.933217 s0F: -4.117301 lF: -5.585537 sG: 3.112619 s0G: -0.2978909 lG: 2.943024 m0G: -0.9155366

Iteration 1 0.09944749

Iteration 2 0.05047746

Iteration 3 0.02493859

Iteration 4 0.01348133

Iteration 5 0.007912423

Iteration 6 0.005042875

Iteration 7 0.003399819

Iteration 8 0.002371358

Iteration 9 0.001685439

Iteration 10 0.001260488

Iteration 11 0.0009965761

81 New evidence: -229.7521 eps: 0.05619211 Change: 0.1525054

sF: 3.937661 s0F: -4.12585 lF: -5.586513 sG: 3.141361 s0G: -0.2997082 lG: 2.967798 m0G: -0.9100581

Iteration 1 0.1828296

Iteration 2 0.09531243

Iteration 3 0.09225981

Iteration 4 0.07018363

Iteration 5 0.04838639

Iteration 6 0.03175705

Iteration 7 0.02031701

Iteration 8 0.01282538

Iteration 9 0.008048524

Iteration 10 0.005045941

Iteration 11 0.003171543

Iteration 12 0.002003716

Iteration 13 0.001275019

Iteration 14 0.0008184776

82 New evidence: -230.9155 eps: 0.02809606 Change: -1.16336

sF: 3.909285 s0F: -4.12909 lF: -5.640794 sG: 3.194873 s0G: -0.301149 lG: 2.927749 m0G: -0.8780324

Iteration 1 0.2237068

Iteration 2 0.1146466

Iteration 3 0.09066282

Iteration 4 0.06881935

Iteration 5 0.04346832

Iteration 6 0.02466506

Iteration 7 0.01292266

Iteration 8 0.006274041

Iteration 9 0.002766865

Iteration 10 0.001031546

Iteration 11 0.0005718625

83 New evidence: -229.902 eps: 0.02950086 Change: 1.013445

sF: 3.914906 s0F: -4.134216 lF: -5.631587 sG: 3.20175 s0G: -0.3007632 lG: 2.952449 m0G: -0.8784277

Iteration 1 0.1653219

Iteration 2 0.07632979

Iteration 3 0.06510301

Iteration 4 0.04087991

Iteration 5 0.02284328

Iteration 6 0.01177821

Iteration 7 0.005645903

Iteration 8 0.002468313

Iteration 9 0.0009210441

84 New evidence: -230.0013 eps: 0.01475043 Change: -0.09920954

sF: 3.90743 s0F: -4.136485 lF: -5.646088 sG: 3.222417 s0G: -0.3029434 lG: 2.913576 m0G: -0.8688298

Iteration 1 0.1952025

Iteration 2 0.09589407

Iteration 3 0.07984734

Iteration 4 0.05117008

Iteration 5 0.02713383

Iteration 6 0.01513647

Iteration 7 0.009912819

Iteration 8 0.006529644

Iteration 9 0.004326791

Iteration 10 0.002884337

Iteration 11 0.002382918

Iteration 12 0.001943009

Iteration 13 0.001532259

Iteration 14 0.001173984

Iteration 15 0.000883267

85 New evidence: -230.3637 eps: 0.007375214 Change: -0.362479

sF: 3.909284 s0F: -4.13778 lF: -5.642869 sG: 3.221424 s0G: -0.3023008 lG: 2.914413 m0G: -0.8692901

Iteration 1 0.10574

Iteration 2 0.05440421

Iteration 3 0.02928566

Iteration 4 0.01815747

Iteration 5 0.01418813

Iteration 6 0.01271966

Iteration 7 0.01246208

Iteration 8 0.01043617

Iteration 9 0.008062542

Iteration 10 0.005944272

Iteration 11 0.00425995

Iteration 12 0.00300068

Iteration 13 0.002092437

Iteration 14 0.001451351

Iteration 15 0.00100458

Iteration 16 0.0006954266

86 New evidence: -229.9874 eps: 0.007743975 Change: 0.376331

sF: 3.910806 s0F: -4.139126 lF: -5.640354 sG: 3.222419 s0G: -0.3020104 lG: 2.923422 m0G: -0.8695522

Iteration 1 0.05388697

Iteration 2 0.02595429

Iteration 3 0.01592897

Iteration 4 0.008932101

Iteration 5 0.00707321

Iteration 6 0.005505301

Iteration 7 0.005710981

Iteration 8 0.004897481

Iteration 9 0.003819989

Iteration 10 0.002819987

Iteration 11 0.002012061

Iteration 12 0.001405171

Iteration 13 0.0009684626

87 New evidence: -229.74 eps: 0.008131174 Change: 0.2473674

sF: 3.912013 s0F: -4.140524 lF: -5.638491 sG: 3.224789 s0G: -0.3019737 lG: 2.931765 m0G: -0.8694723

Iteration 1 0.1656012

Iteration 2 0.08179285

Iteration 3 0.07815507

Iteration 4 0.05630086

Iteration 5 0.03697667

Iteration 6 0.02321924

Iteration 7 0.01427347

Iteration 8 0.008693749

Iteration 9 0.005287718

Iteration 10 0.003228976

Iteration 11 0.001987669

Iteration 12 0.001237145

Iteration 13 0.0007802896

88 New evidence: -230.2088 eps: 0.004065587 Change: -0.4687392

sF: 3.909276 s0F: -4.141123 lF: -5.643612 sG: 3.231035 s0G: -0.3023302 lG: 2.918449 m0G: -0.8660914

Iteration 1 0.08420971

Iteration 2 0.04333298

Iteration 3 0.04322345

Iteration 4 0.03324729

Iteration 5 0.02268009

Iteration 6 0.01457902

Iteration 7 0.009096734

Iteration 8 0.00560626

Iteration 9 0.003452503

Iteration 10 0.002141635

Iteration 11 0.001345303

Iteration 12 0.0008584241

89 New evidence: -229.6267 eps: 0.004268866 Change: 0.5820609

sF: 3.908388 s0F: -4.141834 lF: -5.645412 sG: 3.235016 s0G: -0.3026315 lG: 2.911891 m0G: -0.8645486

Iteration 1 0.09095276

Iteration 2 0.04328041

Iteration 3 0.0387496

Iteration 4 0.02442363

Iteration 5 0.01285648

Iteration 6 0.005764049

Iteration 7 0.002031987

Iteration 8 0.001125183

Iteration 9 0.0006860417

90 New evidence: -229.7103 eps: 0.002134433 Change: -0.08357891

sF: 3.908746 s0F: -4.142204 lF: -5.644821 sG: 3.235692 s0G: -0.3026351 lG: 2.913876 m0G: -0.8645221

Iteration 1 0.07981171

Iteration 2 0.03914398

Iteration 3 0.0299691

Iteration 4 0.01559697

Iteration 5 0.0059067

Iteration 6 0.003156202

Iteration 7 0.00214071

Iteration 8 0.001923169

Iteration 9 0.001802769

Iteration 10 0.001463972

Iteration 11 0.001100603

Iteration 12 0.0007910802

91 New evidence: -229.5355 eps: 0.002241155 Change: 0.174761

sF: 3.908583 s0F: -4.142585 lF: -5.645204 sG: 3.237322 s0G: -0.3027541 lG: 2.912763 m0G: -0.8640028

Iteration 1 0.01728663

Iteration 2 0.008672458

Iteration 3 0.007915265

Iteration 4 0.005279142

Iteration 5 0.003064693

Iteration 6 0.001622169

Iteration 7 0.0007942099

92 New evidence: -229.5214 eps: 0.002353213 Change: 0.0140956

sF: 3.908611 s0F: -4.142987 lF: -5.645237 sG: 3.23873 s0G: -0.3028458 lG: 2.913064 m0G: -0.8636388

Iteration 1 0.005808593

Iteration 2 0.002687763

Iteration 3 0.002455312

Iteration 4 0.001584207

Iteration 5 0.0008736185

93 New evidence: -229.518 eps: 0.002470873 Change: 0.003383301

sF: 3.908604 s0F: -4.143409 lF: -5.645335 sG: 3.240297 s0G: -0.3029529 lG: 2.912938 m0G: -0.8632005

Iteration 1 0.002194203

Iteration 2 0.0009533853

94 New evidence: -229.5153 eps: 0.002594417 Change: 0.002743816

sF: 3.908594 s0F: -4.143852 lF: -5.645445 sG: 3.241901 s0G: -0.3030614 lG: 2.912982 m0G: -0.8627641

Iteration 1 0.0007978442

95 New evidence: -229.5125 eps: 0.002724138 Change: 0.002764871

sF: 3.908605 s0F: -4.144317 lF: -5.645518 sG: 3.243599 s0G: -0.3031757 lG: 2.912993 m0G: -0.862299

Iteration 1 0.0005508026

96 New evidence: -229.5097 eps: 0.002860345 Change: 0.002865647

sF: 3.908623 s0F: -4.144806 lF: -5.645583 sG: 3.24538 s0G: -0.3032961 lG: 2.912994 m0G: -0.8618093

Iteration 1 0.0007229576

97 New evidence: -229.5067 eps: 0.003003362 Change: 0.003008644

sF: 3.908641 s0F: -4.145318 lF: -5.645651 sG: 3.247245 s0G: -0.3034226 lG: 2.912996 m0G: -0.8612957

Iteration 1 0.0007787706

98 New evidence: -229.5035 eps: 0.00315353 Change: 0.003154605

sF: 3.90866 s0F: -4.145856 lF: -5.645723 sG: 3.2492 s0G: -0.3035553 lG: 2.913001 m0G: -0.8607568

Iteration 1 0.0008127662

99 New evidence: -229.5002 eps: 0.003311206 Change: 0.003309399

> source("simulateSVM.R")

[1] 1

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$model

Call:

svm.default(x = X, y = as.factor(Y), scale = FALSE, kernel = "radial",

gamma = bestGamma, cost = bestCost)

Parameters:

SVM-Type: C-classification

SVM-Kernel: radial

cost: 0.04978707

gamma: 2.732885e-05

Number of Support Vectors: 400

$bestError

[1] 0.33

$bestGamma

[1] 2.732885e-05

$bestCost

[1] 0.04978707

> source("simulateSVMplusQP.R")

Attaching package: ‘SparseM’

The following object is masked from ‘package:base’:

backsolve

[1] 1

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[1] 0.33

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