# 优化过后

A\_train

LowPt:103, 652.5925433687385

LowPt:104, 622.5925433687385

HighPt:106, 712.5925433687385

HighPt:106, 712.5925433687385

LowPt:388, 647.7168440496871

LowPt:389, 647.7168440496871

HighPt:390, 647.7168440496871

HighPt:390, 647.7168440496871

LowPt:391, 636.7168440496871

HighPt:392, 594.7168440496871

LowPt:394, 594.7168440496871

HighPt:395, 594.7168440496871

LowPt:397, 622.0667946859894

HighPt:398, 630.8421320045904

LowPt:399, 628.1920826408927

HighPt:400, 646.5420332771951

LowPt:405, 577.4662681398804

HighPt:406, 590.2163504127097

LowPt:408, 649.0913915491246

LowPt:409, 614.0913915491246

HighPt:410, 643.9667617768578

HighPt:410, 643.9667617768578

LowPt:413, 617.7171731410053

HighPt:414, 667.7175022323236

LowPt:422, 659.918555324542

LowPt:423, 655.8434483698634

HighPt:424, 637.2934319152978

HighPt:424, 637.2934319152978

LowPt:425, 654.8434483698634

LowPt:426, 647.0684401425806

HighPt:427, 630.9684072334489

HighPt:427, 630.9684072334489

LowPt:430, 576.4675845051534

LowPt:432, 613.1678148690758

LowPt:433, 653.4682426877898

HighPt:434, 659.6184565971466

HighPt:434, 659.6184565971466

HighPt:434, 659.6184565971466

LowPt:482, 589.8362083608622

HighPt:483, 591.4360767243352

LowPt:491, 607.5364387247851

HighPt:492, 655.7614304975023

LowPt:587, 509.95392721544613

HighPt:588, 550.9542563067644

LowPt:589, 660.4557372176969

HighPt:592, 577.3291328975201

LowPt:608, 660.6794126251407

HighPt:609, 651.9539272154461

LowPt:612, 394.95228175885495

LowPt:613, 462.5774051680992

HighPt:614, 462.5774051680992

HighPt:614, 462.5774051680992

LowPt:615, 330.950965393582

LowPt:616, 472.8014096668612

HighPt:621, 1017.70137675773

HighPt:621, 1017.70137675773

Earns\_len=28

earn\_yes=15

Earn\_total=14910.705647836432

B\_train

HighPt:66, 1110.394123007066

LowPt:67, 1211.394123007066

HighPt:68, 1211.394123007066

LowPt:69, 1065.6673212320984

HighPt:70, 1070.7171731410053

HighPt:71, 1056.2176667779827

HighPt:72, 1054.1173047775328

LowPt:73, 1052.2921155500248

LowPt:73, 1052.2921155500248

LowPt:73, 1052.2921155500248

HighPt:74, 1059.367222504703

HighPt:75, 1060.0923788230793

HighPt:76, 1065.5174364140598

LowPt:77, 1061.8172060501374

LowPt:77, 1061.8172060501374

LowPt:77, 1061.8172060501374

HighPt:78, 1100.9421649137225

LowPt:80, 1011.6915890039154

HighPt:87, 1258.8916548221791

LowPt:91, 882.166827595121

HighPt:134, 1009.2425927324362

LowPt:136, 1067.4934977335615

HighPt:139, 1086.9933331879024

LowPt:140, 990.4925104596068

HighPt:142, 1039.9178971419055

HighPt:143, 1032.9178971419055

LowPt:148, 965.9178971419055

LowPt:148, 965.9178971419055

HighPt:152, 1044.9687363247672

LowPt:157, 868.9693945074036

HighPt:208, 1016.2216158738015

LowPt:209, 1008.4715336009722

HighPt:210, 1008.4715336009722

LowPt:213, 977.471204509654

HighPt:217, 1052.5955051906026

LowPt:218, 986.7440736433682

HighPt:219, 1152.8959330093162

LowPt:220, 1097.1950444627569

HighPt:221, 1220.4210235094288

LowPt:222, 1236.4708754183357

HighPt:226, 1072.7460481912776

LowPt:228, 1272.7460481912776

HighPt:230, 1272.7460481912776

HighPt:231, 1512.7460481912776

LowPt:232, 1512.7460481912776

LowPt:232, 1512.7460481912776

HighPt:470, 1026.2156922300733

LowPt:471, 1026.2156922300733

HighPt:472, 1168.2156922300733

LowPt:473, 1168.2156922300733

HighPt:474, 1168.2156922300733

HighPt:475, 1168.2156922300733

LowPt:480, 687.860147041361

LowPt:480, 687.860147041361

HighPt:621, 1017.70137675773

LowPt:622, 998.8761875302216

HighPt:626, 1045.7751673471348

LowPt:629, 976.7036803969577

Earns\_len=29

earn\_yes=18

Earn\_total=15579.405740599641

A\_test

LowPt:686, 559.8821111739503

HighPt:687, 462.9582054025832

LowPt:691, 629.4586990395605

LowPt:695, 583.4600154048335

HighPt:696, 691.9611672244473

HighPt:696, 691.9611672244473

LowPt:708, 577.7105913146406

LowPt:710, 549.9601799504926

LowPt:711, 655.46067358747

HighPt:713, 441.4081889480176

HighPt:713, 441.4081889480176

HighPt:713, 441.4081889480176

LowPt:717, 466.7092749493677

LowPt:718, 466.7092749493677

HighPt:723, 955.9608381331291

HighPt:723, 955.9608381331291

Earns\_len=8

earn\_yes=4

Earn\_total=5675.094400215018

B\_test

HighPt:672, 1323.0027918503984

LowPt:672, 1323.0027918503984

HighPt:675, 1246.201870394707

HighPt:677, 1169.4521172131963

LowPt:677, 1169.4521172131963

LowPt:677, 1169.4521172131963

Earns\_len=3

earn\_yes=1

Earn\_total=647.4471153337657

# 未优化

A\_train

LowPt:104, 622.5925433687385

HighPt:105, 692.5925433687385

LowPt:262, 621.9710399639948

HighPt:268, 729.4718626922904

LowPt:389, 647.7168440496871

LowPt:390, 647.7168440496871

HighPt:391, 636.7168440496871

HighPt:391, 636.7168440496871

LowPt:393, 594.7168440496871

HighPt:394, 594.7168440496871

LowPt:397, 622.0667946859894

HighPt:398, 630.8421320045904

LowPt:399, 628.1920826408927

HighPt:400, 646.5420332771951

LowPt:404, 610.3167124131601

HighPt:405, 577.4662681398804

LowPt:409, 614.0913915491246

HighPt:410, 643.9667617768578

LowPt:411, 646.9667617768578

LowPt:412, 639.9667617768578

HighPt:413, 617.7171731410053

HighPt:413, 617.7171731410053

LowPt:416, 628.7175022323236

HighPt:417, 693.093366097034

LowPt:422, 659.918555324542

HighPt:423, 655.8434483698634

LowPt:424, 637.2934319152978

LowPt:425, 654.8434483698634

LowPt:427, 630.9684072334489

HighPt:428, 620.1179629601693

HighPt:428, 620.1179629601693

HighPt:428, 620.1179629601693

LowPt:432, 613.1678148690758

HighPt:433, 653.4682426877898

LowPt:434, 659.6184565971466

HighPt:436, 685.5184236880145

LowPt:485, 655.7378209083217

HighPt:486, 689.1878044537557

LowPt:487, 644.8621215892704

HighPt:488, 699.9624835897203

LowPt:491, 607.5364387247851

HighPt:492, 655.7614304975023

LowPt:512, 659.2878373628878

HighPt:513, 670.6620557710066

LowPt:585, 492.95392721544613

LowPt:586, 581.4048980348352

HighPt:587, 509.95392721544613

HighPt:587, 509.95392721544613

LowPt:589, 660.4557372176969

HighPt:593, 521.2035158512981

LowPt:606, 648.7043385795942

HighPt:609, 651.9539272154461

LowPt:613, 462.5774051680992

HighPt:614, 462.5774051680992

Earns\_len=27

earn\_yes=13

Earn\_total=701.8989414933643

B\_train

HighPt:63, 1098.394123007066

LowPt:64, 1098.394123007066

HighPt:68, 1211.394123007066

LowPt:69, 1065.6673212320984

HighPt:70, 1070.7171731410053

HighPt:71, 1056.2176667779827

HighPt:73, 1052.2921155500248

LowPt:74, 1059.367222504703

LowPt:74, 1059.367222504703

LowPt:74, 1059.367222504703

HighPt:75, 1060.0923788230793

HighPt:76, 1065.5174364140598

HighPt:77, 1061.8172060501374

HighPt:78, 1100.9421649137225

LowPt:79, 1043.6915890039154

LowPt:79, 1043.6915890039154

LowPt:79, 1043.6915890039154

LowPt:79, 1043.6915890039154

HighPt:85, 1026.2163504127097

LowPt:86, 1033.9916877313108

HighPt:133, 1034.992675005266

LowPt:134, 1009.2425927324362

HighPt:143, 1032.9178971419055

LowPt:146, 965.9178971419055

HighPt:152, 1044.9687363247672

LowPt:156, 868.2944191892525

HighPt:210, 1008.4715336009722

LowPt:213, 977.471204509654

HighPt:215, 1056.4705463270175

LowPt:216, 1020.4705463270175

HighPt:217, 1052.5955051906026

LowPt:218, 986.7440736433682

HighPt:219, 1152.8959330093162

LowPt:221, 1220.4210235094288

HighPt:222, 1236.4708754183357

LowPt:223, 988.7460481912776

HighPt:224, 1032.7460481912776

LowPt:225, 1032.7460481912776

HighPt:226, 1072.7460481912776

LowPt:227, 1072.7460481912776

HighPt:229, 1272.7460481912776

HighPt:230, 1272.7460481912776

LowPt:231, 1512.7460481912776

LowPt:231, 1512.7460481912776

HighPt:232, 1512.7460481912776

HighPt:233, 1257.7460481912776

LowPt:237, 838.2944191892525

LowPt:237, 838.2944191892525

HighPt:466, 1026.2156922300733

LowPt:467, 1026.2156922300733

HighPt:469, 1026.2156922300733

HighPt:470, 1026.2156922300733

LowPt:471, 1026.2156922300733

LowPt:471, 1026.2156922300733

HighPt:475, 1168.2156922300733

LowPt:485, 655.7378209083217

HighPt:626, 1045.7751673471348

LowPt:629, 976.7036803969577

Earns\_len=29

earn\_yes=17

Earn\_total=19478.950466259186

A\_test

LowPt:688, 659.4586990395605

HighPt:690, 599.4586990395605

LowPt:691, 629.4586990395605

HighPt:695, 583.4600154048335

LowPt:706, 570.7115785885953

HighPt:707, 444.43673490697165

LowPt:711, 655.46067358747

HighPt:714, 424.95886358521966

LowPt:715, 463.7092749493677

LowPt:716, 466.7092749493677

HighPt:717, 466.7092749493677

HighPt:717, 466.7092749493677

LowPt:718, 466.7092749493677

HighPt:725, 981.8355501782257

Earns\_len=7

earn\_yes=1

Earn\_total=325.557509122541

B\_test

HighPt:670, 1370.2015413033887

LowPt:671, 1345.2015413033887

HighPt:672, 1323.0027918503984

LowPt:673, 1184.2028576686616

HighPt:674, 1221.4527753958328

LowPt:674, 1221.4527753958328

HighPt:675, 1246.201870394707

LowPt:675, 1246.201870394707

HighPt:676, 1065.5521501223275

LowPt:677, 1169.4521172131963

HighPt:678, 1076.2779646233403

LowPt:678, 1076.2779646233403

HighPt:753, 1022.9582054025832

LowPt:754, 1046.458040856924

HighPt:773, 1015.7578104930012

LowPt:773, 1015.7578104930012

HighPt:778, 1004.2835591757503

LowPt:780, 955.9828022657184

HighPt:787, 1004.7066422188218

LowPt:787, 1004.7066422188218

Earns\_len=10

earn\_yes=3

Earn\_total=463.02052709234033