C:\Users\bryan\anaconda3\envs\pytorch1.11.0\python.exe C:/Users/bryan/Desktop/ZWJ/代码/RE-SSGC/Node\_Classfication.py

imdb\_1\_10 node number: 12772

torch.Size([12772, 200])

1 1.1122 0.3027 0.2061 0.3027

weight\_b:Parameter containing:

tensor([[0.0088],

[0.0284]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0049]], requires\_grad=True)

test\_f1-ma: 0.1773 test\_f1-mi: 0.2585

==================================================

torch.Size([12772, 200])

2 1.0851 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0109],

[0.0308]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0035]], requires\_grad=True)

test\_f1-ma: 0.2232 test\_f1-mi: 0.5034

==================================================

torch.Size([12772, 200])

3 1.0628 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0145],

[0.0345]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0052]], requires\_grad=True)

test\_f1-ma: 0.2232 test\_f1-mi: 0.5034

==================================================

torch.Size([12772, 200])

4 1.0422 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0186],

[0.0387]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0082]], requires\_grad=True)

test\_f1-ma: 0.2232 test\_f1-mi: 0.5034

==================================================

torch.Size([12772, 200])

5 1.0241 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0231],

[0.0432]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0116]], requires\_grad=True)

test\_f1-ma: 0.2232 test\_f1-mi: 0.5034

==================================================

torch.Size([12772, 200])

6 1.0092 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0277],

[0.0478]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0150]], requires\_grad=True)

test\_f1-ma: 0.2232 test\_f1-mi: 0.5034

==================================================

torch.Size([12772, 200])

7 0.9967 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0324],

[0.0525]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0173]], requires\_grad=True)

test\_f1-ma: 0.2232 test\_f1-mi: 0.5034

==================================================

torch.Size([12772, 200])

8 0.9831 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0373],

[0.0571]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0178]], requires\_grad=True)

test\_f1-ma: 0.2232 test\_f1-mi: 0.5034

==================================================

torch.Size([12772, 200])

9 0.9659 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0423],

[0.0619]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0170]], requires\_grad=True)

test\_f1-ma: 0.2232 test\_f1-mi: 0.5034

==================================================

torch.Size([12772, 200])

10 0.9446 0.4966 0.2290 0.4966

weight\_b:Parameter containing:

tensor([[0.0473],

[0.0668]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0152]], requires\_grad=True)

test\_f1-ma: 0.2549 test\_f1-mi: 0.5170

==================================================

torch.Size([12772, 200])

11 0.9203 0.5102 0.2619 0.5102

weight\_b:Parameter containing:

tensor([[0.0524],

[0.0718]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0128]], requires\_grad=True)

test\_f1-ma: 0.2841 test\_f1-mi: 0.5306

==================================================

torch.Size([12772, 200])

12 0.8939 0.5204 0.2939 0.5204

weight\_b:Parameter containing:

tensor([[0.0576],

[0.0769]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0101]], requires\_grad=True)

test\_f1-ma: 0.2910 test\_f1-mi: 0.5238

==================================================

torch.Size([12772, 200])

13 0.8660 0.5272 0.3234 0.5272

weight\_b:Parameter containing:

tensor([[0.0628],

[0.0820]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0073]], requires\_grad=True)

test\_f1-ma: 0.3356 test\_f1-mi: 0.5442

==================================================

torch.Size([12772, 200])

14 0.8366 0.5442 0.3659 0.5442

weight\_b:Parameter containing:

tensor([[0.0682],

[0.0873]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0045]], requires\_grad=True)

test\_f1-ma: 0.4064 test\_f1-mi: 0.5918

==================================================

torch.Size([12772, 200])

15 0.8054 0.5680 0.4273 0.5680

weight\_b:Parameter containing:

tensor([[0.0736],

[0.0926]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0019]], requires\_grad=True)

test\_f1-ma: 0.4268 test\_f1-mi: 0.5918

==================================================

torch.Size([12772, 200])

16 0.7723 0.5714 0.4512 0.5714

weight\_b:Parameter containing:

tensor([[0.0790],

[0.0981]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0006]], requires\_grad=True)

test\_f1-ma: 0.5234 test\_f1-mi: 0.6327

==================================================

torch.Size([12772, 200])

17 0.7365 0.5918 0.5076 0.5918

weight\_b:Parameter containing:

tensor([[0.0846],

[0.1036]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0028]], requires\_grad=True)

test\_f1-ma: 0.5263 test\_f1-mi: 0.6190

==================================================

torch.Size([12772, 200])

18 0.6989 0.6122 0.5406 0.6122

weight\_b:Parameter containing:

tensor([[0.0902],

[0.1091]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0048]], requires\_grad=True)

test\_f1-ma: 0.6133 test\_f1-mi: 0.6667

==================================================

torch.Size([12772, 200])

19 0.6612 0.6293 0.5665 0.6293

weight\_b:Parameter containing:

tensor([[0.0958],

[0.1146]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0066]], requires\_grad=True)

test\_f1-ma: 0.6386 test\_f1-mi: 0.6871

==================================================

torch.Size([12772, 200])

20 0.6246 0.6429 0.5940 0.6429

weight\_b:Parameter containing:

tensor([[0.1015],

[0.1202]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0084]], requires\_grad=True)

test\_f1-ma: 0.6505 test\_f1-mi: 0.6939

==================================================

torch.Size([12772, 200])

21 0.5895 0.6531 0.6096 0.6531

weight\_b:Parameter containing:

tensor([[0.1071],

[0.1257]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0100]], requires\_grad=True)

test\_f1-ma: 0.6778 test\_f1-mi: 0.7143

==================================================

torch.Size([12772, 200])

22 0.5552 0.6565 0.6137 0.6565

weight\_b:Parameter containing:

tensor([[0.1128],

[0.1311]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0117]], requires\_grad=True)

test\_f1-ma: 0.6928 test\_f1-mi: 0.7279

==================================================

torch.Size([12772, 200])

23 0.5215 0.6803 0.6429 0.6803

weight\_b:Parameter containing:

tensor([[0.1185],

[0.1365]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0132]], requires\_grad=True)

test\_f1-ma: 0.6984 test\_f1-mi: 0.7347

==================================================

torch.Size([12772, 200])

24 0.4889 0.6939 0.6638 0.6939

weight\_b:Parameter containing:

tensor([[0.1241],

[0.1419]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0146]], requires\_grad=True)

test\_f1-ma: 0.7092 test\_f1-mi: 0.7483

==================================================

torch.Size([12772, 200])

25 0.4571 0.7007 0.6701 0.7007

weight\_b:Parameter containing:

tensor([[0.1296],

[0.1471]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0159]], requires\_grad=True)

test\_f1-ma: 0.7092 test\_f1-mi: 0.7483

==================================================

torch.Size([12772, 200])

26 0.4264 0.7109 0.6829 0.7109

weight\_b:Parameter containing:

tensor([[0.1351],

[0.1523]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0172]], requires\_grad=True)

test\_f1-ma: 0.7040 test\_f1-mi: 0.7415

==================================================

torch.Size([12772, 200])

27 0.3968 0.7211 0.6966 0.7211

weight\_b:Parameter containing:

tensor([[0.1406],

[0.1573]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0186]], requires\_grad=True)

test\_f1-ma: 0.7175 test\_f1-mi: 0.7415

==================================================

torch.Size([12772, 200])

28 0.3683 0.7143 0.6889 0.7143

weight\_b:Parameter containing:

tensor([[0.1459],

[0.1623]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0199]], requires\_grad=True)

test\_f1-ma: 0.7175 test\_f1-mi: 0.7415

==================================================

torch.Size([12772, 200])

29 0.3410 0.7177 0.6923 0.7177

weight\_b:Parameter containing:

tensor([[0.1512],

[0.1672]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0215]], requires\_grad=True)

test\_f1-ma: 0.7151 test\_f1-mi: 0.7415

==================================================

torch.Size([12772, 200])

30 0.3149 0.7177 0.6948 0.7177

weight\_b:Parameter containing:

tensor([[0.1564],

[0.1720]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0232]], requires\_grad=True)

test\_f1-ma: 0.7189 test\_f1-mi: 0.7415

==================================================

torch.Size([12772, 200])

31 0.2900 0.7245 0.7042 0.7245

weight\_b:Parameter containing:

tensor([[0.1616],

[0.1768]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0251]], requires\_grad=True)

test\_f1-ma: 0.7245 test\_f1-mi: 0.7483

==================================================

torch.Size([12772, 200])

32 0.2664 0.7279 0.7076 0.7279

weight\_b:Parameter containing:

tensor([[0.1666],

[0.1815]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0274]], requires\_grad=True)

test\_f1-ma: 0.7068 test\_f1-mi: 0.7279

==================================================

torch.Size([12772, 200])

33 0.2440 0.7483 0.7283 0.7483

weight\_b:Parameter containing:

tensor([[0.1716],

[0.1861]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0301]], requires\_grad=True)

test\_f1-ma: 0.7046 test\_f1-mi: 0.7211

==================================================

torch.Size([12772, 200])

34 0.2229 0.7415 0.7259 0.7415

weight\_b:Parameter containing:

tensor([[0.1765],

[0.1907]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0331]], requires\_grad=True)

test\_f1-ma: 0.7058 test\_f1-mi: 0.7211

==================================================

torch.Size([12772, 200])

35 0.2033 0.7517 0.7399 0.7517

weight\_b:Parameter containing:

tensor([[0.1814],

[0.1952]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0366]], requires\_grad=True)

test\_f1-ma: 0.7002 test\_f1-mi: 0.7143

==================================================

torch.Size([12772, 200])

36 0.1851 0.7551 0.7431 0.7551

weight\_b:Parameter containing:

tensor([[0.1861],

[0.1997]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0406]], requires\_grad=True)

test\_f1-ma: 0.7063 test\_f1-mi: 0.7143

==================================================

torch.Size([12772, 200])

37 0.1686 0.7653 0.7582 0.7653

weight\_b:Parameter containing:

tensor([[0.1908],

[0.2041]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0449]], requires\_grad=True)

test\_f1-ma: 0.7065 test\_f1-mi: 0.7143

==================================================

torch.Size([12772, 200])

38 0.1539 0.7619 0.7545 0.7619

weight\_b:Parameter containing:

tensor([[0.1954],

[0.2085]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0498]], requires\_grad=True)

test\_f1-ma: 0.7224 test\_f1-mi: 0.7279

==================================================

torch.Size([12772, 200])

39 0.1426 0.7755 0.7672 0.7755

weight\_b:Parameter containing:

tensor([[0.1998],

[0.2128]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0544]], requires\_grad=True)

test\_f1-ma: 0.7420 test\_f1-mi: 0.7415

==================================================

torch.Size([12772, 200])

40 0.1343 0.7653 0.7567 0.7653

weight\_b:Parameter containing:

tensor([[0.2042],

[0.2170]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0596]], requires\_grad=True)

test\_f1-ma: 0.7348 test\_f1-mi: 0.7347

==================================================

torch.Size([12772, 200])

41 0.1208 0.7755 0.7658 0.7755

weight\_b:Parameter containing:

tensor([[0.2085],

[0.2211]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0644]], requires\_grad=True)

test\_f1-ma: 0.7318 test\_f1-mi: 0.7347

==================================================

torch.Size([12772, 200])

42 0.1068 0.7721 0.7606 0.7721

weight\_b:Parameter containing:

tensor([[0.2127],

[0.2252]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0696]], requires\_grad=True)

test\_f1-ma: 0.7364 test\_f1-mi: 0.7415

==================================================

torch.Size([12772, 200])

43 0.1028 0.7721 0.7617 0.7721

weight\_b:Parameter containing:

tensor([[0.2168],

[0.2292]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0754]], requires\_grad=True)

test\_f1-ma: 0.7522 test\_f1-mi: 0.7551

==================================================

torch.Size([12772, 200])

44 0.0916 0.7789 0.7681 0.7789

weight\_b:Parameter containing:

tensor([[0.2208],

[0.2331]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0810]], requires\_grad=True)

test\_f1-ma: 0.7521 test\_f1-mi: 0.7551

==================================================

torch.Size([12772, 200])

45 0.0830 0.7857 0.7771 0.7857

weight\_b:Parameter containing:

tensor([[0.2247],

[0.2369]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0866]], requires\_grad=True)

test\_f1-ma: 0.7612 test\_f1-mi: 0.7619

==================================================

torch.Size([12772, 200])

46 0.0800 0.7789 0.7700 0.7789

weight\_b:Parameter containing:

tensor([[0.2285],

[0.2406]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0928]], requires\_grad=True)

test\_f1-ma: 0.7529 test\_f1-mi: 0.7551

==================================================

torch.Size([12772, 200])

47 0.0704 0.7891 0.7788 0.7891

weight\_b:Parameter containing:

tensor([[0.2322],

[0.2442]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0989]], requires\_grad=True)

test\_f1-ma: 0.7521 test\_f1-mi: 0.7551

==================================================

torch.Size([12772, 200])

48 0.0661 0.7891 0.7791 0.7891

weight\_b:Parameter containing:

tensor([[0.2358],

[0.2478]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1049]], requires\_grad=True)

test\_f1-ma: 0.7521 test\_f1-mi: 0.7551

==================================================

torch.Size([12772, 200])

49 0.0634 0.7823 0.7722 0.7823

weight\_b:Parameter containing:

tensor([[0.2393],

[0.2513]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1113]], requires\_grad=True)

test\_f1-ma: 0.7438 test\_f1-mi: 0.7483

==================================================

torch.Size([12772, 200])

50 0.0560 0.7823 0.7726 0.7823

weight\_b:Parameter containing:

tensor([[0.2428],

[0.2546]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1178]], requires\_grad=True)

test\_f1-ma: 0.7476 test\_f1-mi: 0.7551

==================================================

torch.Size([12772, 200])

51 0.0537 0.7823 0.7734 0.7823

weight\_b:Parameter containing:

tensor([[0.2461],

[0.2579]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1241]], requires\_grad=True)

test\_f1-ma: 0.7422 test\_f1-mi: 0.7483

==================================================

torch.Size([12772, 200])

52 0.0515 0.7789 0.7700 0.7789

weight\_b:Parameter containing:

tensor([[0.2493],

[0.2612]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1308]], requires\_grad=True)

test\_f1-ma: 0.7499 test\_f1-mi: 0.7551

==================================================

torch.Size([12772, 200])

53 0.0461 0.7857 0.7757 0.7857

weight\_b:Parameter containing:

tensor([[0.2525],

[0.2643]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1375]], requires\_grad=True)

test\_f1-ma: 0.7576 test\_f1-mi: 0.7619

==================================================

torch.Size([12772, 200])

54 0.0440 0.7925 0.7818 0.7925

weight\_b:Parameter containing:

tensor([[0.2555],

[0.2673]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1441]], requires\_grad=True)

test\_f1-ma: 0.7541 test\_f1-mi: 0.7619

==================================================

torch.Size([12772, 200])

55 0.0431 0.7789 0.7686 0.7789

weight\_b:Parameter containing:

tensor([[0.2585],

[0.2703]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1510]], requires\_grad=True)

test\_f1-ma: 0.7432 test\_f1-mi: 0.7483

==================================================

torch.Size([12772, 200])

56 0.0401 0.7925 0.7803 0.7925

weight\_b:Parameter containing:

tensor([[0.2614],

[0.2732]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1577]], requires\_grad=True)

test\_f1-ma: 0.7667 test\_f1-mi: 0.7687

==================================================

torch.Size([12772, 200])

57 0.0371 0.7891 0.7775 0.7891

weight\_b:Parameter containing:

tensor([[0.2642],

[0.2761]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1646]], requires\_grad=True)

test\_f1-ma: 0.7603 test\_f1-mi: 0.7619

==================================================

torch.Size([12772, 200])

58 0.0366 0.7789 0.7676 0.7789

weight\_b:Parameter containing:

tensor([[0.2670],

[0.2788]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1716]], requires\_grad=True)

test\_f1-ma: 0.7499 test\_f1-mi: 0.7551

==================================================

torch.Size([12772, 200])

59 0.0365 0.7993 0.7873 0.7993

weight\_b:Parameter containing:

tensor([[0.2697],

[0.2815]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1784]], requires\_grad=True)

test\_f1-ma: 0.7575 test\_f1-mi: 0.7619

==================================================

torch.Size([12772, 200])

60 0.0348 0.7823 0.7717 0.7823

weight\_b:Parameter containing:

tensor([[0.2723],

[0.2842]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1854]], requires\_grad=True)

test\_f1-ma: 0.7592 test\_f1-mi: 0.7619

==================================================

torch.Size([12772, 200])

61 0.0328 0.7959 0.7859 0.7959

weight\_b:Parameter containing:

tensor([[0.2749],

[0.2867]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1921]], requires\_grad=True)

test\_f1-ma: 0.7664 test\_f1-mi: 0.7687

==================================================

torch.Size([12772, 200])

62 0.0337 0.7959 0.7848 0.7959

weight\_b:Parameter containing:

tensor([[0.2774],

[0.2892]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1990]], requires\_grad=True)

test\_f1-ma: 0.7448 test\_f1-mi: 0.7483

==================================================

torch.Size([12772, 200])

63 0.0371 0.7891 0.7803 0.7891

weight\_b:Parameter containing:

tensor([[0.2799],

[0.2916]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2052]], requires\_grad=True)

test\_f1-ma: 0.7453 test\_f1-mi: 0.7483

==================================================

torch.Size([12772, 200])

64 0.0410 0.7959 0.7836 0.7959

weight\_b:Parameter containing:

tensor([[0.2824],

[0.2940]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2118]], requires\_grad=True)

test\_f1-ma: 0.7457 test\_f1-mi: 0.7483

==================================================

torch.Size([12772, 200])

65 0.0348 0.7959 0.7875 0.7959

weight\_b:Parameter containing:

tensor([[0.2849],

[0.2963]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2176]], requires\_grad=True)

test\_f1-ma: 0.7528 test\_f1-mi: 0.7551

==================================================

torch.Size([12772, 200])

66 0.0533 0.7755 0.7652 0.7755

weight\_b:Parameter containing:

tensor([[0.2874],

[0.2985]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2235]], requires\_grad=True)

test\_f1-ma: 0.7317 test\_f1-mi: 0.7415

==================================================

torch.Size([12772, 200])

67 0.1534 0.7415 0.7356 0.7415

weight\_b:Parameter containing:

tensor([[0.2898],

[0.3003]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2230]], requires\_grad=True)

test\_f1-ma: 0.6944 test\_f1-mi: 0.6871

==================================================

torch.Size([12772, 200])

68 0.2480 0.7347 0.7194 0.7347

weight\_b:Parameter containing:

tensor([[0.2927],

[0.3016]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2218]], requires\_grad=True)

test\_f1-ma: 0.6475 test\_f1-mi: 0.6735

==================================================

torch.Size([12772, 200])

69 0.0412 0.7789 0.7686 0.7789

weight\_b:Parameter containing:

tensor([[0.2954],

[0.3029]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2205]], requires\_grad=True)

test\_f1-ma: 0.7400 test\_f1-mi: 0.7483

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torch.Size([12772, 200])

70 0.1478 0.7653 0.7604 0.7653

weight\_b:Parameter containing:

tensor([[0.2981],

[0.3036]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2171]], requires\_grad=True)

test\_f1-ma: 0.7343 test\_f1-mi: 0.7347

==================================================

torch.Size([12772, 200])

71 0.0883 0.7789 0.7671 0.7789

weight\_b:Parameter containing:

tensor([[0.3008],

[0.3043]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2134]], requires\_grad=True)

test\_f1-ma: 0.7282 test\_f1-mi: 0.7347

==================================================

torch.Size([12772, 200])

72 0.0956 0.7755 0.7546 0.7755

weight\_b:Parameter containing:

tensor([[0.3039],

[0.3051]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2102]], requires\_grad=True)

test\_f1-ma: 0.7283 test\_f1-mi: 0.7483

==================================================

torch.Size([12772, 200])

73 0.0765 0.7789 0.7695 0.7789

weight\_b:Parameter containing:

tensor([[0.3069],

[0.3060]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2078]], requires\_grad=True)

test\_f1-ma: 0.6988 test\_f1-mi: 0.7143

==================================================

torch.Size([12772, 200])

74 0.0750 0.7619 0.7499 0.7619

weight\_b:Parameter containing:

tensor([[0.3097],

[0.3069]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2056]], requires\_grad=True)

test\_f1-ma: 0.6964 test\_f1-mi: 0.7075

==================================================

torch.Size([12772, 200])

75 0.0629 0.7653 0.7535 0.7653

weight\_b:Parameter containing:

tensor([[0.3125],

[0.3077]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2032]], requires\_grad=True)

test\_f1-ma: 0.7182 test\_f1-mi: 0.7279

==================================================

torch.Size([12772, 200])

76 0.0441 0.7789 0.7710 0.7789

weight\_b:Parameter containing:

tensor([[0.3151],

[0.3085]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2010]], requires\_grad=True)

test\_f1-ma: 0.7252 test\_f1-mi: 0.7347

==================================================

torch.Size([12772, 200])

77 0.0520 0.7653 0.7581 0.7653

weight\_b:Parameter containing:

tensor([[0.3176],

[0.3093]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1987]], requires\_grad=True)

test\_f1-ma: 0.7379 test\_f1-mi: 0.7415

==================================================

torch.Size([12772, 200])

78 0.0566 0.7517 0.7290 0.7517

weight\_b:Parameter containing:

tensor([[0.3202],

[0.3102]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1966]], requires\_grad=True)

test\_f1-ma: 0.7384 test\_f1-mi: 0.7483

==================================================

torch.Size([12772, 200])

79 0.0403 0.7687 0.7506 0.7687

weight\_b:Parameter containing:

tensor([[0.3229],

[0.3111]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1950]], requires\_grad=True)

test\_f1-ma: 0.7240 test\_f1-mi: 0.7347

==================================================

torch.Size([12772, 200])

80 0.0330 0.7755 0.7625 0.7755

weight\_b:Parameter containing:

tensor([[0.3255],

[0.3121]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1938]], requires\_grad=True)

test\_f1-ma: 0.7027 test\_f1-mi: 0.7143

==================================================

torch.Size([12772, 200])

81 0.0359 0.7687 0.7576 0.7687

weight\_b:Parameter containing:

tensor([[0.3280],

[0.3131]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1931]], requires\_grad=True)

test\_f1-ma: 0.7168 test\_f1-mi: 0.7279

==================================================

torch.Size([12772, 200])

82 0.0349 0.7755 0.7653 0.7755

weight\_b:Parameter containing:

tensor([[0.3303],

[0.3142]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1928]], requires\_grad=True)

test\_f1-ma: 0.7209 test\_f1-mi: 0.7347

==================================================

torch.Size([12772, 200])

83 0.0317 0.7755 0.7673 0.7755

weight\_b:Parameter containing:

tensor([[0.3326],

[0.3153]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1926]], requires\_grad=True)

test\_f1-ma: 0.7121 test\_f1-mi: 0.7211

==================================================

torch.Size([12772, 200])

84 0.0272 0.7823 0.7740 0.7823

weight\_b:Parameter containing:

tensor([[0.3348],

[0.3164]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1926]], requires\_grad=True)

test\_f1-ma: 0.7059 test\_f1-mi: 0.7143

==================================================

torch.Size([12772, 200])

85 0.0244 0.7823 0.7743 0.7823

weight\_b:Parameter containing:

tensor([[0.3368],

[0.3174]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1927]], requires\_grad=True)

test\_f1-ma: 0.7431 test\_f1-mi: 0.7483

==================================================

torch.Size([12772, 200])

86 0.0242 0.7823 0.7751 0.7823

weight\_b:Parameter containing:

tensor([[0.3388],

[0.3185]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1929]], requires\_grad=True)

test\_f1-ma: 0.7473 test\_f1-mi: 0.7551

==================================================

torch.Size([12772, 200])

87 0.0238 0.7925 0.7829 0.7925

weight\_b:Parameter containing:

tensor([[0.3407],

[0.3197]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1933]], requires\_grad=True)

test\_f1-ma: 0.7527 test\_f1-mi: 0.7619

==================================================

torch.Size([12772, 200])

88 0.0235 0.7891 0.7802 0.7891

weight\_b:Parameter containing:

tensor([[0.3426],

[0.3209]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1940]], requires\_grad=True)

test\_f1-ma: 0.7240 test\_f1-mi: 0.7347

==================================================

torch.Size([12772, 200])

89 0.0203 0.7925 0.7836 0.7925

weight\_b:Parameter containing:

tensor([[0.3445],

[0.3221]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1948]], requires\_grad=True)

test\_f1-ma: 0.7271 test\_f1-mi: 0.7347

==================================================

torch.Size([12772, 200])

90 0.0176 0.7891 0.7799 0.7891

weight\_b:Parameter containing:

tensor([[0.3463],

[0.3233]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1959]], requires\_grad=True)

test\_f1-ma: 0.7306 test\_f1-mi: 0.7347

==================================================

torch.Size([12772, 200])

91 0.0170 0.7857 0.7762 0.7857

weight\_b:Parameter containing:

tensor([[0.3480],

[0.3245]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1971]], requires\_grad=True)

test\_f1-ma: 0.7221 test\_f1-mi: 0.7279

==================================================

torch.Size([12772, 200])

92 0.0183 0.7891 0.7819 0.7891

weight\_b:Parameter containing:

tensor([[0.3496],

[0.3257]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1984]], requires\_grad=True)

test\_f1-ma: 0.7136 test\_f1-mi: 0.7211

==================================================

torch.Size([12772, 200])

93 0.0181 0.7891 0.7819 0.7891

weight\_b:Parameter containing:

tensor([[0.3511],

[0.3269]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1998]], requires\_grad=True)

test\_f1-ma: 0.7204 test\_f1-mi: 0.7279

==================================================

torch.Size([12772, 200])

94 0.0162 0.7891 0.7819 0.7891

weight\_b:Parameter containing:

tensor([[0.3526],

[0.3281]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2012]], requires\_grad=True)

test\_f1-ma: 0.7285 test\_f1-mi: 0.7347

==================================================

torch.Size([12772, 200])

95 0.0149 0.7925 0.7850 0.7925

weight\_b:Parameter containing:

tensor([[0.3540],

[0.3292]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2027]], requires\_grad=True)

test\_f1-ma: 0.7486 test\_f1-mi: 0.7551

==================================================

torch.Size([12772, 200])

96 0.0146 0.7925 0.7830 0.7925

weight\_b:Parameter containing:

tensor([[0.3554],

[0.3304]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2042]], requires\_grad=True)

test\_f1-ma: 0.7567 test\_f1-mi: 0.7619

==================================================

torch.Size([12772, 200])

97 0.0151 0.7925 0.7830 0.7925

weight\_b:Parameter containing:

tensor([[0.3567],

[0.3315]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2059]], requires\_grad=True)

test\_f1-ma: 0.7567 test\_f1-mi: 0.7619

==================================================

torch.Size([12772, 200])

98 0.0150 0.7925 0.7830 0.7925

weight\_b:Parameter containing:

tensor([[0.3580],

[0.3327]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2075]], requires\_grad=True)

test\_f1-ma: 0.7567 test\_f1-mi: 0.7619

==================================================

torch.Size([12772, 200])

99 0.0140 0.7857 0.7745 0.7857

weight\_b:Parameter containing:

tensor([[0.3593],

[0.3338]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2092]], requires\_grad=True)

test\_f1-ma: 0.7503 test\_f1-mi: 0.7551

==================================================

torch.Size([12772, 200])

100 0.0133 0.7857 0.7757 0.7857

weight\_b:Parameter containing:

tensor([[0.3605],

[0.3349]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2110]], requires\_grad=True)

test\_f1-ma: 0.7438 test\_f1-mi: 0.7483

==================================================

time: 398.7526338100

[Classification] Macro-F1: 0.7528 (0.0000) | Micro-F1: 0.7619 (0.0000)

[0.7527842133073203, 0.7619047619047619]

Test F1-ma: 0.7527842133, F1-mi: 0.7619047619

Process finished with exit code 0