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 1.0987 0.3299 0.1976 0.3299

weight\_b:Parameter containing:

tensor([[0.0133],

[0.0957]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.1610 test\_f1-mi: 0.2857

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

torch.Size([12772, 200])

2 1.0138 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0171],

[0.0973]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

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

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

torch.Size([12772, 200])

3 0.9720 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0214],

[0.1006]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

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

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

torch.Size([12772, 200])

4 0.9160 0.4966 0.2406 0.4966

weight\_b:Parameter containing:

tensor([[0.0258],

[0.1040]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.2668 test\_f1-mi: 0.5170

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

torch.Size([12772, 200])

5 0.8664 0.5578 0.3923 0.5578

weight\_b:Parameter containing:

tensor([[0.0303],

[0.1078]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.3453 test\_f1-mi: 0.5442

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

torch.Size([12772, 200])

6 0.8224 0.5918 0.4891 0.5918

weight\_b:Parameter containing:

tensor([[0.0349],

[0.1121]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.4870 test\_f1-mi: 0.5986

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

torch.Size([12772, 200])

7 0.7809 0.5816 0.4989 0.5816

weight\_b:Parameter containing:

tensor([[0.0397],

[0.1165]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.5802 test\_f1-mi: 0.6327

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

torch.Size([12772, 200])

8 0.7449 0.5850 0.5273 0.5850

weight\_b:Parameter containing:

tensor([[0.0446],

[0.1211]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.5916 test\_f1-mi: 0.6327

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

torch.Size([12772, 200])

9 0.7080 0.5986 0.5560 0.5986

weight\_b:Parameter containing:

tensor([[0.0495],

[0.1259]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.5916 test\_f1-mi: 0.6327

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

torch.Size([12772, 200])

10 0.6667 0.6088 0.5636 0.6088

weight\_b:Parameter containing:

tensor([[0.0546],

[0.1308]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.5929 test\_f1-mi: 0.6327

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

torch.Size([12772, 200])

11 0.6284 0.6395 0.5969 0.6395

weight\_b:Parameter containing:

tensor([[0.0597],

[0.1357]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.6382 test\_f1-mi: 0.6735

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

torch.Size([12772, 200])

12 0.5983 0.6395 0.5930 0.6395

weight\_b:Parameter containing:

tensor([[0.0648],

[0.1406]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.6504 test\_f1-mi: 0.6871

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

torch.Size([12772, 200])

13 0.5699 0.6531 0.6131 0.6531

weight\_b:Parameter containing:

tensor([[0.0700],

[0.1455]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.6728 test\_f1-mi: 0.7075

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

torch.Size([12772, 200])

14 0.5379 0.6701 0.6350 0.6701

weight\_b:Parameter containing:

tensor([[0.0751],

[0.1503]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.6607 test\_f1-mi: 0.6939

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

torch.Size([12772, 200])

15 0.5069 0.6769 0.6446 0.6769

weight\_b:Parameter containing:

tensor([[0.0803],

[0.1551]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.6884 test\_f1-mi: 0.7143

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

torch.Size([12772, 200])

16 0.4797 0.6769 0.6505 0.6769

weight\_b:Parameter containing:

tensor([[0.0854],

[0.1599]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.6884 test\_f1-mi: 0.7143

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

torch.Size([12772, 200])

17 0.4533 0.6871 0.6654 0.6871

weight\_b:Parameter containing:

tensor([[0.0904],

[0.1644]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.6882 test\_f1-mi: 0.7143

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

torch.Size([12772, 200])

18 0.4269 0.6871 0.6643 0.6871

weight\_b:Parameter containing:

tensor([[0.0954],

[0.1689]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.6762 test\_f1-mi: 0.7007

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

torch.Size([12772, 200])

19 0.4009 0.6973 0.6710 0.6973

weight\_b:Parameter containing:

tensor([[0.1002],

[0.1733]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.6935 test\_f1-mi: 0.7211

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

torch.Size([12772, 200])

20 0.3779 0.6871 0.6567 0.6871

weight\_b:Parameter containing:

tensor([[0.1050],

[0.1776]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.6990 test\_f1-mi: 0.7279

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

torch.Size([12772, 200])

21 0.3549 0.6939 0.6635 0.6939

weight\_b:Parameter containing:

tensor([[0.1097],

[0.1819]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.6990 test\_f1-mi: 0.7279

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

torch.Size([12772, 200])

22 0.3309 0.7211 0.6945 0.7211

weight\_b:Parameter containing:

tensor([[0.1144],

[0.1861]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7043 test\_f1-mi: 0.7279

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

torch.Size([12772, 200])

23 0.3108 0.7415 0.7189 0.7415

weight\_b:Parameter containing:

tensor([[0.1190],

[0.1903]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7056 test\_f1-mi: 0.7279

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

torch.Size([12772, 200])

24 0.2908 0.7619 0.7441 0.7619

weight\_b:Parameter containing:

tensor([[0.1236],

[0.1945]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7001 test\_f1-mi: 0.7211

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

torch.Size([12772, 200])

25 0.2706 0.7687 0.7521 0.7687

weight\_b:Parameter containing:

tensor([[0.1281],

[0.1987]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7056 test\_f1-mi: 0.7279

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

torch.Size([12772, 200])

26 0.2522 0.7517 0.7363 0.7517

weight\_b:Parameter containing:

tensor([[0.1325],

[0.2028]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.6910 test\_f1-mi: 0.7143

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

torch.Size([12772, 200])

27 0.2348 0.7687 0.7568 0.7687

weight\_b:Parameter containing:

tensor([[0.1370],

[0.2070]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7023 test\_f1-mi: 0.7211

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

torch.Size([12772, 200])

28 0.2177 0.7721 0.7602 0.7721

weight\_b:Parameter containing:

tensor([[0.1414],

[0.2112]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7112 test\_f1-mi: 0.7347

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

torch.Size([12772, 200])

29 0.2035 0.7755 0.7659 0.7755

weight\_b:Parameter containing:

tensor([[0.1457],

[0.2153]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7382 test\_f1-mi: 0.7483

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

torch.Size([12772, 200])

30 0.1888 0.7721 0.7632 0.7721

weight\_b:Parameter containing:

tensor([[0.1499],

[0.2195]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7134 test\_f1-mi: 0.7279

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

torch.Size([12772, 200])

31 0.1770 0.7721 0.7642 0.7721

weight\_b:Parameter containing:

tensor([[0.1541],

[0.2237]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.6996 test\_f1-mi: 0.7143

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

torch.Size([12772, 200])

32 0.1650 0.7755 0.7709 0.7755

weight\_b:Parameter containing:

tensor([[0.1582],

[0.2278]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7053 test\_f1-mi: 0.7143

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

torch.Size([12772, 200])

33 0.1541 0.7687 0.7625 0.7687

weight\_b:Parameter containing:

tensor([[0.1623],

[0.2320]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.6939 test\_f1-mi: 0.7075

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

torch.Size([12772, 200])

34 0.1438 0.7755 0.7694 0.7755

weight\_b:Parameter containing:

tensor([[0.1662],

[0.2361]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.6954 test\_f1-mi: 0.7075

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

torch.Size([12772, 200])

35 0.1339 0.7721 0.7662 0.7721

weight\_b:Parameter containing:

tensor([[0.1702],

[0.2402]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.6995 test\_f1-mi: 0.7075

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

torch.Size([12772, 200])

36 0.1245 0.7653 0.7573 0.7653

weight\_b:Parameter containing:

tensor([[0.1741],

[0.2442]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7052 test\_f1-mi: 0.7143

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

torch.Size([12772, 200])

37 0.1151 0.7721 0.7632 0.7721

weight\_b:Parameter containing:

tensor([[0.1780],

[0.2483]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7211 test\_f1-mi: 0.7279

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

torch.Size([12772, 200])

38 0.1075 0.7619 0.7541 0.7619

weight\_b:Parameter containing:

tensor([[0.1818],

[0.2523]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7211 test\_f1-mi: 0.7279

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

torch.Size([12772, 200])

39 0.0997 0.7687 0.7624 0.7687

weight\_b:Parameter containing:

tensor([[0.1856],

[0.2562]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7265 test\_f1-mi: 0.7347

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

torch.Size([12772, 200])

40 0.0932 0.7619 0.7540 0.7619

weight\_b:Parameter containing:

tensor([[0.1894],

[0.2601]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7170 test\_f1-mi: 0.7279

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

torch.Size([12772, 200])

41 0.0870 0.7653 0.7593 0.7653

weight\_b:Parameter containing:

tensor([[0.1930],

[0.2639]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7211 test\_f1-mi: 0.7279

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

torch.Size([12772, 200])

42 0.0819 0.7619 0.7560 0.7619

weight\_b:Parameter containing:

tensor([[0.1967],

[0.2677]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7155 test\_f1-mi: 0.7279

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

torch.Size([12772, 200])

43 0.0767 0.7585 0.7528 0.7585

weight\_b:Parameter containing:

tensor([[0.2002],

[0.2714]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7219 test\_f1-mi: 0.7347

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

torch.Size([12772, 200])

44 0.0726 0.7585 0.7533 0.7585

weight\_b:Parameter containing:

tensor([[0.2037],

[0.2751]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7300 test\_f1-mi: 0.7415

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

torch.Size([12772, 200])

45 0.0685 0.7653 0.7616 0.7653

weight\_b:Parameter containing:

tensor([[0.2072],

[0.2787]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7327 test\_f1-mi: 0.7415

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

torch.Size([12772, 200])

46 0.0651 0.7721 0.7674 0.7721

weight\_b:Parameter containing:

tensor([[0.2105],

[0.2823]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7327 test\_f1-mi: 0.7415

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

torch.Size([12772, 200])

47 0.0622 0.7687 0.7622 0.7687

weight\_b:Parameter containing:

tensor([[0.2138],

[0.2858]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7396 test\_f1-mi: 0.7483

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

torch.Size([12772, 200])

48 0.0610 0.7789 0.7731 0.7789

weight\_b:Parameter containing:

tensor([[0.2171],

[0.2893]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7406 test\_f1-mi: 0.7483

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

torch.Size([12772, 200])

49 0.0666 0.7653 0.7597 0.7653

weight\_b:Parameter containing:

tensor([[0.2203],

[0.2927]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7265 test\_f1-mi: 0.7347

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

torch.Size([12772, 200])

50 0.0997 0.7653 0.7640 0.7653

weight\_b:Parameter containing:

tensor([[0.2235],

[0.2959]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7364 test\_f1-mi: 0.7347

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

torch.Size([12772, 200])

51 0.0841 0.7517 0.7443 0.7517

weight\_b:Parameter containing:

tensor([[0.2267],

[0.2991]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7314 test\_f1-mi: 0.7415

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

torch.Size([12772, 200])

52 0.0546 0.7755 0.7678 0.7755

weight\_b:Parameter containing:

tensor([[0.2299],

[0.3023]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7304 test\_f1-mi: 0.7415

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

torch.Size([12772, 200])

53 0.0665 0.7891 0.7814 0.7891

weight\_b:Parameter containing:

tensor([[0.2331],

[0.3053]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7365 test\_f1-mi: 0.7415

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

torch.Size([12772, 200])

54 0.0532 0.7925 0.7840 0.7925

weight\_b:Parameter containing:

tensor([[0.2362],

[0.3083]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7357 test\_f1-mi: 0.7415

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

torch.Size([12772, 200])

55 0.0577 0.7653 0.7551 0.7653

weight\_b:Parameter containing:

tensor([[0.2393],

[0.3112]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

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

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

torch.Size([12772, 200])

56 0.0466 0.7755 0.7665 0.7755

weight\_b:Parameter containing:

tensor([[0.2424],

[0.3141]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7436 test\_f1-mi: 0.7551

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

torch.Size([12772, 200])

57 0.0473 0.7857 0.7767 0.7857

weight\_b:Parameter containing:

tensor([[0.2453],

[0.3168]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

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

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

torch.Size([12772, 200])

58 0.0460 0.7857 0.7776 0.7857

weight\_b:Parameter containing:

tensor([[0.2482],

[0.3195]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7483 test\_f1-mi: 0.7551

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

torch.Size([12772, 200])

59 0.0436 0.7721 0.7622 0.7721

weight\_b:Parameter containing:

tensor([[0.2511],

[0.3222]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7537 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

60 0.0419 0.7789 0.7692 0.7789

weight\_b:Parameter containing:

tensor([[0.2540],

[0.3249]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7451 test\_f1-mi: 0.7551

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

torch.Size([12772, 200])

61 0.0403 0.7755 0.7643 0.7755

weight\_b:Parameter containing:

tensor([[0.2567],

[0.3274]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7380 test\_f1-mi: 0.7483

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

torch.Size([12772, 200])

62 0.0386 0.7823 0.7738 0.7823

weight\_b:Parameter containing:

tensor([[0.2593],

[0.3299]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7558 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

63 0.0386 0.7755 0.7648 0.7755

weight\_b:Parameter containing:

tensor([[0.2620],

[0.3324]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7703 test\_f1-mi: 0.7755

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

torch.Size([12772, 200])

64 0.0360 0.7823 0.7703 0.7823

weight\_b:Parameter containing:

tensor([[0.2646],

[0.3349]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7471 test\_f1-mi: 0.7551

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

torch.Size([12772, 200])

65 0.0356 0.7823 0.7744 0.7823

weight\_b:Parameter containing:

tensor([[0.2671],

[0.3373]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7444 test\_f1-mi: 0.7551

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

torch.Size([12772, 200])

66 0.0340 0.7789 0.7702 0.7789

weight\_b:Parameter containing:

tensor([[0.2695],

[0.3396]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7599 test\_f1-mi: 0.7687

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

torch.Size([12772, 200])

67 0.0341 0.7789 0.7710 0.7789

weight\_b:Parameter containing:

tensor([[0.2719],

[0.3419]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7703 test\_f1-mi: 0.7755

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

torch.Size([12772, 200])

68 0.0331 0.7857 0.7755 0.7857

weight\_b:Parameter containing:

tensor([[0.2743],

[0.3442]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7621 test\_f1-mi: 0.7687

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

torch.Size([12772, 200])

69 0.0316 0.7823 0.7723 0.7823

weight\_b:Parameter containing:

tensor([[0.2766],

[0.3465]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7530 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

70 0.0321 0.7823 0.7718 0.7823

weight\_b:Parameter containing:

tensor([[0.2789],

[0.3487]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7530 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

71 0.0306 0.7789 0.7684 0.7789

weight\_b:Parameter containing:

tensor([[0.2811],

[0.3509]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7630 test\_f1-mi: 0.7687

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

torch.Size([12772, 200])

72 0.0312 0.7823 0.7720 0.7823

weight\_b:Parameter containing:

tensor([[0.2833],

[0.3530]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7630 test\_f1-mi: 0.7687

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

torch.Size([12772, 200])

73 0.0295 0.7789 0.7687 0.7789

weight\_b:Parameter containing:

tensor([[0.2855],

[0.3551]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7558 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

74 0.0302 0.7823 0.7738 0.7823

weight\_b:Parameter containing:

tensor([[0.2876],

[0.3572]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7613 test\_f1-mi: 0.7687

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

torch.Size([12772, 200])

75 0.0291 0.7789 0.7675 0.7789

weight\_b:Parameter containing:

tensor([[0.2897],

[0.3593]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7613 test\_f1-mi: 0.7687

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

torch.Size([12772, 200])

76 0.0293 0.7789 0.7675 0.7789

weight\_b:Parameter containing:

tensor([[0.2918],

[0.3613]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7630 test\_f1-mi: 0.7687

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

torch.Size([12772, 200])

77 0.0284 0.7789 0.7683 0.7789

weight\_b:Parameter containing:

tensor([[0.2939],

[0.3634]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7558 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

78 0.0289 0.7755 0.7656 0.7755

weight\_b:Parameter containing:

tensor([[0.2959],

[0.3654]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7462 test\_f1-mi: 0.7551

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

torch.Size([12772, 200])

79 0.0275 0.7755 0.7656 0.7755

weight\_b:Parameter containing:

tensor([[0.2979],

[0.3673]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7613 test\_f1-mi: 0.7687

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

torch.Size([12772, 200])

80 0.0282 0.7857 0.7761 0.7857

weight\_b:Parameter containing:

tensor([[0.2998],

[0.3693]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7613 test\_f1-mi: 0.7687

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

torch.Size([12772, 200])

81 0.0271 0.7755 0.7656 0.7755

weight\_b:Parameter containing:

tensor([[0.3018],

[0.3712]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7543 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

82 0.0276 0.7789 0.7703 0.7789

weight\_b:Parameter containing:

tensor([[0.3037],

[0.3731]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7530 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

83 0.0266 0.7789 0.7690 0.7789

weight\_b:Parameter containing:

tensor([[0.3056],

[0.3750]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7543 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

84 0.0270 0.7857 0.7770 0.7857

weight\_b:Parameter containing:

tensor([[0.3075],

[0.3769]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7543 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

85 0.0264 0.7721 0.7624 0.7721

weight\_b:Parameter containing:

tensor([[0.3094],

[0.3788]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7479 test\_f1-mi: 0.7551

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

torch.Size([12772, 200])

86 0.0265 0.7789 0.7707 0.7789

weight\_b:Parameter containing:

tensor([[0.3112],

[0.3807]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7543 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

87 0.0259 0.7721 0.7628 0.7721

weight\_b:Parameter containing:

tensor([[0.3131],

[0.3825]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7543 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

88 0.0261 0.7755 0.7652 0.7755

weight\_b:Parameter containing:

tensor([[0.3149],

[0.3843]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7613 test\_f1-mi: 0.7687

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

torch.Size([12772, 200])

89 0.0256 0.7755 0.7659 0.7755

weight\_b:Parameter containing:

tensor([[0.3167],

[0.3861]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7543 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

90 0.0254 0.7823 0.7714 0.7823

weight\_b:Parameter containing:

tensor([[0.3185],

[0.3879]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7543 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

91 0.0252 0.7857 0.7758 0.7857

weight\_b:Parameter containing:

tensor([[0.3203],

[0.3897]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7543 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

92 0.0249 0.7857 0.7757 0.7857

weight\_b:Parameter containing:

tensor([[0.3220],

[0.3915]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7543 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

93 0.0249 0.7857 0.7758 0.7857

weight\_b:Parameter containing:

tensor([[0.3238],

[0.3933]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7543 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

94 0.0244 0.7891 0.7784 0.7891

weight\_b:Parameter containing:

tensor([[0.3255],

[0.3950]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7543 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

95 0.0244 0.7789 0.7682 0.7789

weight\_b:Parameter containing:

tensor([[0.3273],

[0.3968]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7543 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

96 0.0241 0.7857 0.7753 0.7857

weight\_b:Parameter containing:

tensor([[0.3290],

[0.3985]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7543 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

97 0.0239 0.7823 0.7729 0.7823

weight\_b:Parameter containing:

tensor([[0.3307],

[0.4002]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7543 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

98 0.0237 0.7823 0.7709 0.7823

weight\_b:Parameter containing:

tensor([[0.3324],

[0.4019]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7543 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

99 0.0234 0.7857 0.7757 0.7857

weight\_b:Parameter containing:

tensor([[0.3341],

[0.4036]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7543 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

100 0.0232 0.7857 0.7757 0.7857

weight\_b:Parameter containing:

tensor([[0.3357],

[0.4053]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

test\_f1-ma: 0.7543 test\_f1-mi: 0.7619

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

time: 256.6529052258

[Classification] Macro-F1: 0.7357 (0.0000) | Micro-F1: 0.7415 (0.0000)

[0.7356503632819421, 0.7414965986394558]

Test F1-ma: 0.7356503633, F1-mi: 0.7414965986

Process finished with exit code 0