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 1.1121 0.2993 0.2041 0.2993

weight\_b:Parameter containing:

tensor([[0.0088],

[0.0284]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.1902 test\_f1-mi: 0.2653

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

torch.Size([12772, 200])

2 1.0854 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0109],

[0.0308]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

3 1.0632 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0145],

[0.0345]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

4 1.0426 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0186],

[0.0387]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

5 1.0245 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0230],

[0.0432]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

6 1.0094 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0276],

[0.0478]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

7 0.9964 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0324],

[0.0525]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

8 0.9824 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0373],

[0.0571]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

9 0.9646 0.4966 0.2276 0.4966

weight\_b:Parameter containing:

tensor([[0.0422],

[0.0619]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

10 0.9427 0.4966 0.2290 0.4966

weight\_b:Parameter containing:

tensor([[0.0473],

[0.0669]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

11 0.9178 0.5068 0.2654 0.5068

weight\_b:Parameter containing:

tensor([[0.0524],

[0.0719]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.2809 test\_f1-mi: 0.5238

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

torch.Size([12772, 200])

12 0.8906 0.5306 0.3107 0.5306

weight\_b:Parameter containing:

tensor([[0.0576],

[0.0770]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.3162 test\_f1-mi: 0.5374

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

torch.Size([12772, 200])

13 0.8614 0.5340 0.3440 0.5340

weight\_b:Parameter containing:

tensor([[0.0628],

[0.0822]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.3778 test\_f1-mi: 0.5714

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

torch.Size([12772, 200])

14 0.8308 0.5442 0.3715 0.5442

weight\_b:Parameter containing:

tensor([[0.0681],

[0.0874]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

15 0.7989 0.5612 0.4301 0.5612

weight\_b:Parameter containing:

tensor([[0.0735],

[0.0928]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.4800 test\_f1-mi: 0.6054

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

torch.Size([12772, 200])

16 0.7649 0.5816 0.4840 0.5816

weight\_b:Parameter containing:

tensor([[0.0790],

[0.0982]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.5020 test\_f1-mi: 0.6054

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

torch.Size([12772, 200])

17 0.7278 0.5918 0.5118 0.5918

weight\_b:Parameter containing:

tensor([[0.0845],

[0.1037]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.5821 test\_f1-mi: 0.6463

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

torch.Size([12772, 200])

18 0.6888 0.6190 0.5468 0.6190

weight\_b:Parameter containing:

tensor([[0.0901],

[0.1092]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.6240 test\_f1-mi: 0.6735

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

torch.Size([12772, 200])

19 0.6507 0.6463 0.5848 0.6463

weight\_b:Parameter containing:

tensor([[0.0957],

[0.1147]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

20 0.6143 0.6633 0.6158 0.6633

weight\_b:Parameter containing:

tensor([[0.1014],

[0.1203]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.6570 test\_f1-mi: 0.7007

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

torch.Size([12772, 200])

21 0.5787 0.6565 0.6149 0.6565

weight\_b:Parameter containing:

tensor([[0.1071],

[0.1257]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.6876 test\_f1-mi: 0.7211

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

torch.Size([12772, 200])

22 0.5436 0.6565 0.6130 0.6565

weight\_b:Parameter containing:

tensor([[0.1127],

[0.1312]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.6985 test\_f1-mi: 0.7347

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

torch.Size([12772, 200])

23 0.5096 0.6939 0.6602 0.6939

weight\_b:Parameter containing:

tensor([[0.1184],

[0.1365]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.6959 test\_f1-mi: 0.7347

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

torch.Size([12772, 200])

24 0.4767 0.7075 0.6806 0.7075

weight\_b:Parameter containing:

tensor([[0.1239],

[0.1418]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

25 0.4443 0.7109 0.6834 0.7109

weight\_b:Parameter containing:

tensor([[0.1295],

[0.1470]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7231 test\_f1-mi: 0.7551

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

torch.Size([12772, 200])

26 0.4134 0.7143 0.6855 0.7143

weight\_b:Parameter containing:

tensor([[0.1349],

[0.1521]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7230 test\_f1-mi: 0.7551

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

torch.Size([12772, 200])

27 0.3836 0.7109 0.6855 0.7109

weight\_b:Parameter containing:

tensor([[0.1403],

[0.1571]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

28 0.3548 0.7109 0.6855 0.7109

weight\_b:Parameter containing:

tensor([[0.1457],

[0.1621]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7086 test\_f1-mi: 0.7347

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

torch.Size([12772, 200])

29 0.3275 0.7143 0.6889 0.7143

weight\_b:Parameter containing:

tensor([[0.1509],

[0.1669]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

30 0.3014 0.7245 0.7016 0.7245

weight\_b:Parameter containing:

tensor([[0.1561],

[0.1717]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7181 test\_f1-mi: 0.7415

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

torch.Size([12772, 200])

31 0.2766 0.7279 0.7063 0.7279

weight\_b:Parameter containing:

tensor([[0.1612],

[0.1764]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7125 test\_f1-mi: 0.7347

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

torch.Size([12772, 200])

32 0.2531 0.7449 0.7265 0.7449

weight\_b:Parameter containing:

tensor([[0.1662],

[0.1811]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7167 test\_f1-mi: 0.7347

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

torch.Size([12772, 200])

33 0.2310 0.7551 0.7378 0.7551

weight\_b:Parameter containing:

tensor([[0.1712],

[0.1857]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

34 0.2103 0.7483 0.7352 0.7483

weight\_b:Parameter containing:

tensor([[0.1761],

[0.1903]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

35 0.1913 0.7483 0.7384 0.7483

weight\_b:Parameter containing:

tensor([[0.1809],

[0.1948]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7119 test\_f1-mi: 0.7211

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

torch.Size([12772, 200])

36 0.1739 0.7517 0.7443 0.7517

weight\_b:Parameter containing:

tensor([[0.1856],

[0.1992]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7054 test\_f1-mi: 0.7143

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

torch.Size([12772, 200])

37 0.1585 0.7653 0.7582 0.7653

weight\_b:Parameter containing:

tensor([[0.1902],

[0.2036]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7075 test\_f1-mi: 0.7143

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

torch.Size([12772, 200])

38 0.1451 0.7585 0.7513 0.7585

weight\_b:Parameter containing:

tensor([[0.1947],

[0.2080]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7156 test\_f1-mi: 0.7211

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

torch.Size([12772, 200])

39 0.1340 0.7789 0.7724 0.7789

weight\_b:Parameter containing:

tensor([[0.1991],

[0.2122]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7365 test\_f1-mi: 0.7347

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

torch.Size([12772, 200])

40 0.1231 0.7585 0.7478 0.7585

weight\_b:Parameter containing:

tensor([[0.2035],

[0.2164]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7403 test\_f1-mi: 0.7415

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

torch.Size([12772, 200])

41 0.1108 0.7721 0.7610 0.7721

weight\_b:Parameter containing:

tensor([[0.2077],

[0.2205]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7411 test\_f1-mi: 0.7415

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

torch.Size([12772, 200])

42 0.1006 0.7755 0.7637 0.7755

weight\_b:Parameter containing:

tensor([[0.2118],

[0.2246]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

43 0.0942 0.7721 0.7606 0.7721

weight\_b:Parameter containing:

tensor([[0.2158],

[0.2285]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7440 test\_f1-mi: 0.7483

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

torch.Size([12772, 200])

44 0.0870 0.7789 0.7689 0.7789

weight\_b:Parameter containing:

tensor([[0.2198],

[0.2324]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7539 test\_f1-mi: 0.7551

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

torch.Size([12772, 200])

45 0.0786 0.7891 0.7776 0.7891

weight\_b:Parameter containing:

tensor([[0.2236],

[0.2362]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7505 test\_f1-mi: 0.7551

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

torch.Size([12772, 200])

46 0.0737 0.7857 0.7744 0.7857

weight\_b:Parameter containing:

tensor([[0.2274],

[0.2399]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

47 0.0701 0.7823 0.7734 0.7823

weight\_b:Parameter containing:

tensor([[0.2311],

[0.2435]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7426 test\_f1-mi: 0.7483

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

torch.Size([12772, 200])

48 0.0647 0.7823 0.7726 0.7823

weight\_b:Parameter containing:

tensor([[0.2347],

[0.2471]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7421 test\_f1-mi: 0.7483

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

torch.Size([12772, 200])

49 0.0605 0.7823 0.7730 0.7823

weight\_b:Parameter containing:

tensor([[0.2381],

[0.2506]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7421 test\_f1-mi: 0.7483

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

torch.Size([12772, 200])

50 0.0585 0.7891 0.7791 0.7891

weight\_b:Parameter containing:

tensor([[0.2415],

[0.2539]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7341 test\_f1-mi: 0.7415

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

torch.Size([12772, 200])

51 0.0555 0.7823 0.7731 0.7823

weight\_b:Parameter containing:

tensor([[0.2449],

[0.2572]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7330 test\_f1-mi: 0.7415

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

torch.Size([12772, 200])

52 0.0523 0.7857 0.7765 0.7857

weight\_b:Parameter containing:

tensor([[0.2481],

[0.2605]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7358 test\_f1-mi: 0.7415

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

torch.Size([12772, 200])

53 0.0506 0.7891 0.7778 0.7891

weight\_b:Parameter containing:

tensor([[0.2512],

[0.2636]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7358 test\_f1-mi: 0.7415

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

torch.Size([12772, 200])

54 0.0496 0.7891 0.7779 0.7891

weight\_b:Parameter containing:

tensor([[0.2543],

[0.2667]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7571 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

55 0.0480 0.7925 0.7803 0.7925

weight\_b:Parameter containing:

tensor([[0.2572],

[0.2697]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7456 test\_f1-mi: 0.7483

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

torch.Size([12772, 200])

56 0.0462 0.7891 0.7769 0.7891

weight\_b:Parameter containing:

tensor([[0.2602],

[0.2727]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7517 test\_f1-mi: 0.7551

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

torch.Size([12772, 200])

57 0.0452 0.7925 0.7806 0.7925

weight\_b:Parameter containing:

tensor([[0.2630],

[0.2756]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7611 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

58 0.0447 0.7993 0.7879 0.7993

weight\_b:Parameter containing:

tensor([[0.2658],

[0.2784]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

59 0.0443 0.7891 0.7775 0.7891

weight\_b:Parameter containing:

tensor([[0.2686],

[0.2812]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7538 test\_f1-mi: 0.7551

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

torch.Size([12772, 200])

60 0.0437 0.7891 0.7787 0.7891

weight\_b:Parameter containing:

tensor([[0.2713],

[0.2839]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

61 0.0426 0.7959 0.7859 0.7959

weight\_b:Parameter containing:

tensor([[0.2739],

[0.2866]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

62 0.0413 0.7857 0.7757 0.7857

weight\_b:Parameter containing:

tensor([[0.2765],

[0.2892]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

63 0.0401 0.7925 0.7836 0.7925

weight\_b:Parameter containing:

tensor([[0.2790],

[0.2918]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

64 0.0391 0.7925 0.7830 0.7925

weight\_b:Parameter containing:

tensor([[0.2815],

[0.2943]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

65 0.0384 0.7959 0.7874 0.7959

weight\_b:Parameter containing:

tensor([[0.2840],

[0.2968]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

66 0.0380 0.8027 0.7939 0.8027

weight\_b:Parameter containing:

tensor([[0.2864],

[0.2992]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

67 0.0382 0.7925 0.7847 0.7925

weight\_b:Parameter containing:

tensor([[0.2888],

[0.3016]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

68 0.0401 0.7959 0.7877 0.7959

weight\_b:Parameter containing:

tensor([[0.2911],

[0.3040]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7596 test\_f1-mi: 0.7687

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

torch.Size([12772, 200])

69 0.0499 0.7823 0.7760 0.7823

weight\_b:Parameter containing:

tensor([[0.2934],

[0.3063]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7487 test\_f1-mi: 0.7551

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

torch.Size([12772, 200])

70 0.0994 0.7687 0.7608 0.7687

weight\_b:Parameter containing:

tensor([[0.2958],

[0.3086]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7037 test\_f1-mi: 0.7143

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

torch.Size([12772, 200])

71 0.1939 0.7449 0.7447 0.7449

weight\_b:Parameter containing:

tensor([[0.2983],

[0.3106]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.6803 test\_f1-mi: 0.6735

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

torch.Size([12772, 200])

72 0.0474 0.7755 0.7659 0.7755

weight\_b:Parameter containing:

tensor([[0.3007],

[0.3126]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7181 test\_f1-mi: 0.7279

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

torch.Size([12772, 200])

73 0.1775 0.7449 0.7323 0.7449

weight\_b:Parameter containing:

tensor([[0.3032],

[0.3144]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.6413 test\_f1-mi: 0.6735

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

torch.Size([12772, 200])

74 0.0526 0.7925 0.7838 0.7925

weight\_b:Parameter containing:

tensor([[0.3058],

[0.3162]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7183 test\_f1-mi: 0.7279

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

torch.Size([12772, 200])

75 0.0666 0.7687 0.7605 0.7687

weight\_b:Parameter containing:

tensor([[0.3083],

[0.3179]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7524 test\_f1-mi: 0.7619

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

torch.Size([12772, 200])

76 0.1155 0.7721 0.7690 0.7721

weight\_b:Parameter containing:

tensor([[0.3109],

[0.3196]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7253 test\_f1-mi: 0.7279

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

torch.Size([12772, 200])

77 0.0495 0.7789 0.7716 0.7789

weight\_b:Parameter containing:

tensor([[0.3134],

[0.3212]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7309 test\_f1-mi: 0.7415

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

torch.Size([12772, 200])

78 0.0406 0.7755 0.7656 0.7755

weight\_b:Parameter containing:

tensor([[0.3159],

[0.3228]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7122 test\_f1-mi: 0.7211

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

torch.Size([12772, 200])

79 0.0811 0.7755 0.7610 0.7755

weight\_b:Parameter containing:

tensor([[0.3184],

[0.3244]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7091 test\_f1-mi: 0.7211

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

torch.Size([12772, 200])

80 0.0482 0.7789 0.7675 0.7789

weight\_b:Parameter containing:

tensor([[0.3208],

[0.3260]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7256 test\_f1-mi: 0.7347

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

torch.Size([12772, 200])

81 0.0297 0.7993 0.7890 0.7993

weight\_b:Parameter containing:

tensor([[0.3231],

[0.3276]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7225 test\_f1-mi: 0.7347

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

torch.Size([12772, 200])

82 0.0364 0.7755 0.7678 0.7755

weight\_b:Parameter containing:

tensor([[0.3254],

[0.3291]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7372 test\_f1-mi: 0.7483

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

torch.Size([12772, 200])

83 0.0516 0.7823 0.7750 0.7823

weight\_b:Parameter containing:

tensor([[0.3276],

[0.3306]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7386 test\_f1-mi: 0.7483

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

torch.Size([12772, 200])

84 0.0410 0.7925 0.7861 0.7925

weight\_b:Parameter containing:

tensor([[0.3297],

[0.3321]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7456 test\_f1-mi: 0.7551

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

torch.Size([12772, 200])

85 0.0265 0.7925 0.7870 0.7925

weight\_b:Parameter containing:

tensor([[0.3318],

[0.3336]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7307 test\_f1-mi: 0.7415

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

torch.Size([12772, 200])

86 0.0258 0.7857 0.7744 0.7857

weight\_b:Parameter containing:

tensor([[0.3338],

[0.3351]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7296 test\_f1-mi: 0.7415

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

torch.Size([12772, 200])

87 0.0313 0.7891 0.7752 0.7891

weight\_b:Parameter containing:

tensor([[0.3357],

[0.3365]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7330 test\_f1-mi: 0.7415

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

torch.Size([12772, 200])

88 0.0319 0.7959 0.7847 0.7959

weight\_b:Parameter containing:

tensor([[0.3376],

[0.3380]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7163 test\_f1-mi: 0.7279

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

torch.Size([12772, 200])

89 0.0251 0.7925 0.7835 0.7925

weight\_b:Parameter containing:

tensor([[0.3395],

[0.3394]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7234 test\_f1-mi: 0.7347

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

torch.Size([12772, 200])

90 0.0212 0.7857 0.7769 0.7857

weight\_b:Parameter containing:

tensor([[0.3412],

[0.3408]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7395 test\_f1-mi: 0.7483

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

torch.Size([12772, 200])

91 0.0215 0.7925 0.7850 0.7925

weight\_b:Parameter containing:

tensor([[0.3430],

[0.3422]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7447 test\_f1-mi: 0.7551

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

torch.Size([12772, 200])

92 0.0249 0.7925 0.7880 0.7925

weight\_b:Parameter containing:

tensor([[0.3446],

[0.3436]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7419 test\_f1-mi: 0.7483

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

torch.Size([12772, 200])

93 0.0255 0.7891 0.7833 0.7891

weight\_b:Parameter containing:

tensor([[0.3463],

[0.3450]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7419 test\_f1-mi: 0.7483

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

torch.Size([12772, 200])

94 0.0214 0.7891 0.7802 0.7891

weight\_b:Parameter containing:

tensor([[0.3479],

[0.3463]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

95 0.0190 0.7925 0.7850 0.7925

weight\_b:Parameter containing:

tensor([[0.3494],

[0.3476]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([12772, 200])

96 0.0192 0.7891 0.7819 0.7891

weight\_b:Parameter containing:

tensor([[0.3510],

[0.3489]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7166 test\_f1-mi: 0.7279

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

torch.Size([12772, 200])

97 0.0205 0.7959 0.7870 0.7959

weight\_b:Parameter containing:

tensor([[0.3524],

[0.3502]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7166 test\_f1-mi: 0.7279

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

torch.Size([12772, 200])

98 0.0207 0.7925 0.7823 0.7925

weight\_b:Parameter containing:

tensor([[0.3539],

[0.3515]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7166 test\_f1-mi: 0.7279

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

torch.Size([12772, 200])

99 0.0194 0.7959 0.7859 0.7959

weight\_b:Parameter containing:

tensor([[0.3553],

[0.3528]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

test\_f1-ma: 0.7259 test\_f1-mi: 0.7347

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

torch.Size([12772, 200])

100 0.0179 0.7959 0.7854 0.7959

weight\_b:Parameter containing:

tensor([[0.3567],

[0.3540]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

time: 285.5695221424

[Classification] Macro-F1: 0.7486 (0.0000) | Micro-F1: 0.7551 (0.0000)

[0.748561880892708, 0.7551020408163265]

Test F1-ma: 0.7485618809, F1-mi: 0.7551020408

Process finished with exit code 0