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, 128])

1 1.0688 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.1326],

[0.0386]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0011]], requires\_grad=True)

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

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

torch.Size([12772, 128])

2 1.0080 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.1361],

[0.0418]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0026]], requires\_grad=True)

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

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

torch.Size([12772, 128])

3 0.9686 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.1402],

[0.0459]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0041]], requires\_grad=True)

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

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

torch.Size([12772, 128])

4 0.9339 0.5000 0.2409 0.5000

weight\_b:Parameter containing:

tensor([[0.1447],

[0.0503]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0069]], requires\_grad=True)

test\_f1-ma: 0.2394 test\_f1-mi: 0.5102

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

torch.Size([12772, 128])

5 0.8959 0.5034 0.2538 0.5034

weight\_b:Parameter containing:

tensor([[0.1493],

[0.0549]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0105]], requires\_grad=True)

test\_f1-ma: 0.2978 test\_f1-mi: 0.5374

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

torch.Size([12772, 128])

6 0.8538 0.5340 0.3159 0.5340

weight\_b:Parameter containing:

tensor([[0.1540],

[0.0596]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.3617 test\_f1-mi: 0.5646

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

torch.Size([12772, 128])

7 0.8094 0.5578 0.3802 0.5578

weight\_b:Parameter containing:

tensor([[0.1589],

[0.0644]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0190]], requires\_grad=True)

test\_f1-ma: 0.3971 test\_f1-mi: 0.5850

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

torch.Size([12772, 128])

8 0.7645 0.5816 0.4338 0.5816

weight\_b:Parameter containing:

tensor([[0.1639],

[0.0693]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0234]], requires\_grad=True)

test\_f1-ma: 0.5257 test\_f1-mi: 0.6259

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

torch.Size([12772, 128])

9 0.7229 0.5918 0.4993 0.5918

weight\_b:Parameter containing:

tensor([[0.1689],

[0.0742]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0270]], requires\_grad=True)

test\_f1-ma: 0.5955 test\_f1-mi: 0.6599

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

torch.Size([12772, 128])

10 0.6866 0.5952 0.5342 0.5952

weight\_b:Parameter containing:

tensor([[0.1740],

[0.0793]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0282]], requires\_grad=True)

test\_f1-ma: 0.6669 test\_f1-mi: 0.7075

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

torch.Size([12772, 128])

11 0.6521 0.6190 0.5779 0.6190

weight\_b:Parameter containing:

tensor([[0.1791],

[0.0844]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0275]], requires\_grad=True)

test\_f1-ma: 0.6857 test\_f1-mi: 0.7143

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

torch.Size([12772, 128])

12 0.6155 0.6395 0.6092 0.6395

weight\_b:Parameter containing:

tensor([[0.1842],

[0.0895]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0262]], requires\_grad=True)

test\_f1-ma: 0.6668 test\_f1-mi: 0.7007

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

torch.Size([12772, 128])

13 0.5781 0.6599 0.6347 0.6599

weight\_b:Parameter containing:

tensor([[0.1893],

[0.0946]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0253]], requires\_grad=True)

test\_f1-ma: 0.6762 test\_f1-mi: 0.7075

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

torch.Size([12772, 128])

14 0.5435 0.6565 0.6290 0.6565

weight\_b:Parameter containing:

tensor([[0.1944],

[0.0997]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0255]], requires\_grad=True)

test\_f1-ma: 0.6794 test\_f1-mi: 0.7075

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

torch.Size([12772, 128])

15 0.5136 0.6667 0.6390 0.6667

weight\_b:Parameter containing:

tensor([[0.1995],

[0.1047]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0268]], requires\_grad=True)

test\_f1-ma: 0.6748 test\_f1-mi: 0.7075

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

torch.Size([12772, 128])

16 0.4866 0.6803 0.6517 0.6803

weight\_b:Parameter containing:

tensor([[0.2045],

[0.1096]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0289]], requires\_grad=True)

test\_f1-ma: 0.6835 test\_f1-mi: 0.7211

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

torch.Size([12772, 128])

17 0.4594 0.6701 0.6368 0.6701

weight\_b:Parameter containing:

tensor([[0.2095],

[0.1143]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0315]], requires\_grad=True)

test\_f1-ma: 0.6945 test\_f1-mi: 0.7279

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

torch.Size([12772, 128])

18 0.4315 0.6735 0.6446 0.6735

weight\_b:Parameter containing:

tensor([[0.2144],

[0.1190]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0346]], requires\_grad=True)

test\_f1-ma: 0.6719 test\_f1-mi: 0.7007

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

torch.Size([12772, 128])

19 0.4058 0.6905 0.6673 0.6905

weight\_b:Parameter containing:

tensor([[0.2192],

[0.1236]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0382]], requires\_grad=True)

test\_f1-ma: 0.6639 test\_f1-mi: 0.6939

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

torch.Size([12772, 128])

20 0.3829 0.6803 0.6564 0.6803

weight\_b:Parameter containing:

tensor([[0.2239],

[0.1280]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0423]], requires\_grad=True)

test\_f1-ma: 0.6669 test\_f1-mi: 0.6939

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

torch.Size([12772, 128])

21 0.3604 0.6803 0.6557 0.6803

weight\_b:Parameter containing:

tensor([[0.2284],

[0.1323]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0468]], requires\_grad=True)

test\_f1-ma: 0.6701 test\_f1-mi: 0.6939

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

torch.Size([12772, 128])

22 0.3372 0.6803 0.6590 0.6803

weight\_b:Parameter containing:

tensor([[0.2329],

[0.1365]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0516]], requires\_grad=True)

test\_f1-ma: 0.6786 test\_f1-mi: 0.7007

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

torch.Size([12772, 128])

23 0.3152 0.6905 0.6739 0.6905

weight\_b:Parameter containing:

tensor([[0.2372],

[0.1406]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0566]], requires\_grad=True)

test\_f1-ma: 0.6617 test\_f1-mi: 0.6803

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

torch.Size([12772, 128])

24 0.2951 0.7075 0.6933 0.7075

weight\_b:Parameter containing:

tensor([[0.2415],

[0.1447]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0618]], requires\_grad=True)

test\_f1-ma: 0.6562 test\_f1-mi: 0.6735

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

torch.Size([12772, 128])

25 0.2751 0.7143 0.6992 0.7143

weight\_b:Parameter containing:

tensor([[0.2457],

[0.1487]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0672]], requires\_grad=True)

test\_f1-ma: 0.6608 test\_f1-mi: 0.6735

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

torch.Size([12772, 128])

26 0.2557 0.7109 0.6957 0.7109

weight\_b:Parameter containing:

tensor([[0.2499],

[0.1527]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0728]], requires\_grad=True)

test\_f1-ma: 0.6739 test\_f1-mi: 0.6871

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

torch.Size([12772, 128])

27 0.2386 0.7041 0.6893 0.7041

weight\_b:Parameter containing:

tensor([[0.2540],

[0.1567]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0786]], requires\_grad=True)

test\_f1-ma: 0.6685 test\_f1-mi: 0.6803

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

torch.Size([12772, 128])

28 0.2221 0.7109 0.6993 0.7109

weight\_b:Parameter containing:

tensor([[0.2581],

[0.1606]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0845]], requires\_grad=True)

test\_f1-ma: 0.6621 test\_f1-mi: 0.6735

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

torch.Size([12772, 128])

29 0.2053 0.7177 0.7030 0.7177

weight\_b:Parameter containing:

tensor([[0.2621],

[0.1644]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0906]], requires\_grad=True)

test\_f1-ma: 0.6805 test\_f1-mi: 0.6939

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

torch.Size([12772, 128])

30 0.1900 0.7211 0.7049 0.7211

weight\_b:Parameter containing:

tensor([[0.2661],

[0.1683]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0969]], requires\_grad=True)

test\_f1-ma: 0.6899 test\_f1-mi: 0.7007

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

torch.Size([12772, 128])

31 0.1744 0.7381 0.7246 0.7381

weight\_b:Parameter containing:

tensor([[0.2701],

[0.1722]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1032]], requires\_grad=True)

test\_f1-ma: 0.6899 test\_f1-mi: 0.7007

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

torch.Size([12772, 128])

32 0.1590 0.7449 0.7365 0.7449

weight\_b:Parameter containing:

tensor([[0.2739],

[0.1760]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1097]], requires\_grad=True)

test\_f1-ma: 0.6899 test\_f1-mi: 0.7007

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

torch.Size([12772, 128])

33 0.1454 0.7415 0.7327 0.7415

weight\_b:Parameter containing:

tensor([[0.2777],

[0.1799]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1163]], requires\_grad=True)

test\_f1-ma: 0.6936 test\_f1-mi: 0.7007

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

torch.Size([12772, 128])

34 0.1321 0.7517 0.7466 0.7517

weight\_b:Parameter containing:

tensor([[0.2814],

[0.1838]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1230]], requires\_grad=True)

test\_f1-ma: 0.6653 test\_f1-mi: 0.6803

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

torch.Size([12772, 128])

35 0.1198 0.7551 0.7479 0.7551

weight\_b:Parameter containing:

tensor([[0.2851],

[0.1877]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1298]], requires\_grad=True)

test\_f1-ma: 0.6901 test\_f1-mi: 0.7075

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

torch.Size([12772, 128])

36 0.1077 0.7653 0.7583 0.7653

weight\_b:Parameter containing:

tensor([[0.2886],

[0.1916]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1366]], requires\_grad=True)

test\_f1-ma: 0.7151 test\_f1-mi: 0.7279

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

torch.Size([12772, 128])

37 0.0965 0.7653 0.7578 0.7653

weight\_b:Parameter containing:

tensor([[0.2922],

[0.1954]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1435]], requires\_grad=True)

test\_f1-ma: 0.7206 test\_f1-mi: 0.7347

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

torch.Size([12772, 128])

38 0.0862 0.7653 0.7563 0.7653

weight\_b:Parameter containing:

tensor([[0.2956],

[0.1993]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1505]], requires\_grad=True)

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

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

torch.Size([12772, 128])

39 0.0770 0.7653 0.7546 0.7653

weight\_b:Parameter containing:

tensor([[0.2990],

[0.2031]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1576]], requires\_grad=True)

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

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

torch.Size([12772, 128])

40 0.0750 0.7585 0.7471 0.7585

weight\_b:Parameter containing:

tensor([[0.3023],

[0.2068]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.7364 test\_f1-mi: 0.7483

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

torch.Size([12772, 128])

41 0.0893 0.7755 0.7646 0.7755

weight\_b:Parameter containing:

tensor([[0.3057],

[0.2104]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([12772, 128])

42 0.0755 0.7653 0.7581 0.7653

weight\_b:Parameter containing:

tensor([[0.3090],

[0.2140]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1785]], requires\_grad=True)

test\_f1-ma: 0.7213 test\_f1-mi: 0.7279

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

torch.Size([12772, 128])

43 0.0577 0.7721 0.7633 0.7721

weight\_b:Parameter containing:

tensor([[0.3122],

[0.2174]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1853]], requires\_grad=True)

test\_f1-ma: 0.7461 test\_f1-mi: 0.7551

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

torch.Size([12772, 128])

44 0.0582 0.7585 0.7466 0.7585

weight\_b:Parameter containing:

tensor([[0.3153],

[0.2208]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1920]], requires\_grad=True)

test\_f1-ma: 0.7407 test\_f1-mi: 0.7483

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

torch.Size([12772, 128])

45 0.0491 0.7585 0.7484 0.7585

weight\_b:Parameter containing:

tensor([[0.3184],

[0.2240]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.7474 test\_f1-mi: 0.7551

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

torch.Size([12772, 128])

46 0.0426 0.7721 0.7627 0.7721

weight\_b:Parameter containing:

tensor([[0.3214],

[0.2272]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2054]], requires\_grad=True)

test\_f1-ma: 0.7348 test\_f1-mi: 0.7415

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

torch.Size([12772, 128])

47 0.0454 0.7687 0.7593 0.7687

weight\_b:Parameter containing:

tensor([[0.3243],

[0.2303]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2119]], requires\_grad=True)

test\_f1-ma: 0.7337 test\_f1-mi: 0.7415

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

torch.Size([12772, 128])

48 0.0325 0.7687 0.7587 0.7687

weight\_b:Parameter containing:

tensor([[0.3271],

[0.2332]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2182]], requires\_grad=True)

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

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

torch.Size([12772, 128])

49 0.0404 0.7653 0.7547 0.7653

weight\_b:Parameter containing:

tensor([[0.3298],

[0.2361]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2244]], requires\_grad=True)

test\_f1-ma: 0.7407 test\_f1-mi: 0.7483

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

torch.Size([12772, 128])

50 0.0266 0.7551 0.7447 0.7551

weight\_b:Parameter containing:

tensor([[0.3325],

[0.2388]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2305]], requires\_grad=True)

test\_f1-ma: 0.7403 test\_f1-mi: 0.7483

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

torch.Size([12772, 128])

51 0.0328 0.7585 0.7519 0.7585

weight\_b:Parameter containing:

tensor([[0.3350],

[0.2415]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2365]], requires\_grad=True)

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

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

torch.Size([12772, 128])

52 0.0243 0.7585 0.7499 0.7585

weight\_b:Parameter containing:

tensor([[0.3374],

[0.2441]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2424]], requires\_grad=True)

test\_f1-ma: 0.7561 test\_f1-mi: 0.7619

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

torch.Size([12772, 128])

53 0.0249 0.7517 0.7425 0.7517

weight\_b:Parameter containing:

tensor([[0.3398],

[0.2467]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2482]], requires\_grad=True)

test\_f1-ma: 0.7495 test\_f1-mi: 0.7551

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

torch.Size([12772, 128])

54 0.0241 0.7483 0.7394 0.7483

weight\_b:Parameter containing:

tensor([[0.3421],

[0.2492]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2539]], requires\_grad=True)

test\_f1-ma: 0.7495 test\_f1-mi: 0.7551

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

torch.Size([12772, 128])

55 0.0197 0.7585 0.7495 0.7585

weight\_b:Parameter containing:

tensor([[0.3444],

[0.2516]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2594]], requires\_grad=True)

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

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

torch.Size([12772, 128])

56 0.0233 0.7619 0.7543 0.7619

weight\_b:Parameter containing:

tensor([[0.3466],

[0.2539]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2649]], requires\_grad=True)

test\_f1-ma: 0.7633 test\_f1-mi: 0.7687

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

torch.Size([12772, 128])

57 0.0180 0.7619 0.7522 0.7619

weight\_b:Parameter containing:

tensor([[0.3487],

[0.2562]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2702]], requires\_grad=True)

test\_f1-ma: 0.7561 test\_f1-mi: 0.7619

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

torch.Size([12772, 128])

58 0.0206 0.7585 0.7458 0.7585

weight\_b:Parameter containing:

tensor([[0.3507],

[0.2584]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2754]], requires\_grad=True)

test\_f1-ma: 0.7495 test\_f1-mi: 0.7551

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

torch.Size([12772, 128])

59 0.0176 0.7551 0.7406 0.7551

weight\_b:Parameter containing:

tensor([[0.3528],

[0.2605]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2806]], requires\_grad=True)

test\_f1-ma: 0.7495 test\_f1-mi: 0.7551

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

torch.Size([12772, 128])

60 0.0172 0.7551 0.7444 0.7551

weight\_b:Parameter containing:

tensor([[0.3548],

[0.2626]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2856]], requires\_grad=True)

test\_f1-ma: 0.7625 test\_f1-mi: 0.7687

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

torch.Size([12772, 128])

61 0.0177 0.7551 0.7435 0.7551

weight\_b:Parameter containing:

tensor([[0.3567],

[0.2647]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2905]], requires\_grad=True)

test\_f1-ma: 0.7689 test\_f1-mi: 0.7755

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

torch.Size([12772, 128])

62 0.0156 0.7585 0.7455 0.7585

weight\_b:Parameter containing:

tensor([[0.3586],

[0.2667]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2954]], requires\_grad=True)

test\_f1-ma: 0.7495 test\_f1-mi: 0.7551

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

torch.Size([12772, 128])

63 0.0175 0.7585 0.7445 0.7585

weight\_b:Parameter containing:

tensor([[0.3605],

[0.2687]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3002]], requires\_grad=True)

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

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

torch.Size([12772, 128])

64 0.0148 0.7619 0.7498 0.7619

weight\_b:Parameter containing:

tensor([[0.3623],

[0.2706]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3049]], requires\_grad=True)

test\_f1-ma: 0.7495 test\_f1-mi: 0.7551

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

torch.Size([12772, 128])

65 0.0167 0.7619 0.7507 0.7619

weight\_b:Parameter containing:

tensor([[0.3641],

[0.2725]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3095]], requires\_grad=True)

test\_f1-ma: 0.7560 test\_f1-mi: 0.7619

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

torch.Size([12772, 128])

66 0.0144 0.7653 0.7534 0.7653

weight\_b:Parameter containing:

tensor([[0.3658],

[0.2743]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3140]], requires\_grad=True)

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

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

torch.Size([12772, 128])

67 0.0161 0.7517 0.7393 0.7517

weight\_b:Parameter containing:

tensor([[0.3676],

[0.2761]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3185]], requires\_grad=True)

test\_f1-ma: 0.7429 test\_f1-mi: 0.7483

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

torch.Size([12772, 128])

68 0.0141 0.7585 0.7455 0.7585

weight\_b:Parameter containing:

tensor([[0.3693],

[0.2779]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3229]], requires\_grad=True)

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

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

torch.Size([12772, 128])

69 0.0155 0.7619 0.7486 0.7619

weight\_b:Parameter containing:

tensor([[0.3710],

[0.2797]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3273]], requires\_grad=True)

test\_f1-ma: 0.7496 test\_f1-mi: 0.7551

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

torch.Size([12772, 128])

70 0.0139 0.7585 0.7455 0.7585

weight\_b:Parameter containing:

tensor([[0.3726],

[0.2814]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3315]], requires\_grad=True)

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

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

torch.Size([12772, 128])

71 0.0149 0.7517 0.7393 0.7517

weight\_b:Parameter containing:

tensor([[0.3742],

[0.2831]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3358]], requires\_grad=True)

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

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

torch.Size([12772, 128])

72 0.0135 0.7585 0.7455 0.7585

weight\_b:Parameter containing:

tensor([[0.3758],

[0.2848]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3399]], requires\_grad=True)

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

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

torch.Size([12772, 128])

73 0.0146 0.7619 0.7486 0.7619

weight\_b:Parameter containing:

tensor([[0.3774],

[0.2865]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3440]], requires\_grad=True)

test\_f1-ma: 0.7551 test\_f1-mi: 0.7619

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

torch.Size([12772, 128])

74 0.0132 0.7585 0.7447 0.7585

weight\_b:Parameter containing:

tensor([[0.3789],

[0.2882]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3481]], requires\_grad=True)

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

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

torch.Size([12772, 128])

75 0.0141 0.7585 0.7447 0.7585

weight\_b:Parameter containing:

tensor([[0.3805],

[0.2898]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3521]], requires\_grad=True)

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

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

torch.Size([12772, 128])

76 0.0130 0.7585 0.7455 0.7585

weight\_b:Parameter containing:

tensor([[0.3820],

[0.2914]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3561]], requires\_grad=True)

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

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

torch.Size([12772, 128])

77 0.0135 0.7585 0.7455 0.7585

weight\_b:Parameter containing:

tensor([[0.3835],

[0.2930]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3600]], requires\_grad=True)

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

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

torch.Size([12772, 128])

78 0.0129 0.7619 0.7494 0.7619

weight\_b:Parameter containing:

tensor([[0.3850],

[0.2946]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3639]], requires\_grad=True)

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

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

torch.Size([12772, 128])

79 0.0126 0.7619 0.7503 0.7619

weight\_b:Parameter containing:

tensor([[0.3864],

[0.2962]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3677]], requires\_grad=True)

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

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

torch.Size([12772, 128])

80 0.0128 0.7619 0.7494 0.7619

weight\_b:Parameter containing:

tensor([[0.3879],

[0.2978]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3715]], requires\_grad=True)

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

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

torch.Size([12772, 128])

81 0.0118 0.7653 0.7534 0.7653

weight\_b:Parameter containing:

tensor([[0.3893],

[0.2993]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3753]], requires\_grad=True)

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

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

torch.Size([12772, 128])

82 0.0123 0.7483 0.7338 0.7483

weight\_b:Parameter containing:

tensor([[0.3907],

[0.3009]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3790]], requires\_grad=True)

test\_f1-ma: 0.7405 test\_f1-mi: 0.7483

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

torch.Size([12772, 128])

83 0.0117 0.7483 0.7340 0.7483

weight\_b:Parameter containing:

tensor([[0.3921],

[0.3024]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3827]], requires\_grad=True)

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

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

torch.Size([12772, 128])

84 0.0115 0.7551 0.7425 0.7551

weight\_b:Parameter containing:

tensor([[0.3935],

[0.3039]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3863]], requires\_grad=True)

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

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

torch.Size([12772, 128])

85 0.0116 0.7551 0.7400 0.7551

weight\_b:Parameter containing:

tensor([[0.3949],

[0.3054]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3899]], requires\_grad=True)

test\_f1-ma: 0.7405 test\_f1-mi: 0.7483

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

torch.Size([12772, 128])

86 0.0110 0.7415 0.7256 0.7415

weight\_b:Parameter containing:

tensor([[0.3962],

[0.3069]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3934]], requires\_grad=True)

test\_f1-ma: 0.7405 test\_f1-mi: 0.7483

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

torch.Size([12772, 128])

87 0.0110 0.7483 0.7340 0.7483

weight\_b:Parameter containing:

tensor([[0.3975],

[0.3084]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3969]], requires\_grad=True)

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

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

torch.Size([12772, 128])

88 0.0109 0.7517 0.7378 0.7517

weight\_b:Parameter containing:

tensor([[0.3989],

[0.3098]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.4004]], requires\_grad=True)

test\_f1-ma: 0.7405 test\_f1-mi: 0.7483

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

torch.Size([12772, 128])

89 0.0106 0.7415 0.7256 0.7415

weight\_b:Parameter containing:

tensor([[0.4002],

[0.3113]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.4038]], requires\_grad=True)

test\_f1-ma: 0.7350 test\_f1-mi: 0.7415

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

torch.Size([12772, 128])

90 0.0104 0.7483 0.7340 0.7483

weight\_b:Parameter containing:

tensor([[0.4015],

[0.3127]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.4072]], requires\_grad=True)

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

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

torch.Size([12772, 128])

91 0.0104 0.7449 0.7308 0.7449

weight\_b:Parameter containing:

tensor([[0.4028],

[0.3141]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.4106]], requires\_grad=True)

test\_f1-ma: 0.7350 test\_f1-mi: 0.7415

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

torch.Size([12772, 128])

92 0.0103 0.7415 0.7256 0.7415

weight\_b:Parameter containing:

tensor([[0.4040],

[0.3155]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.4139]], requires\_grad=True)

test\_f1-ma: 0.7350 test\_f1-mi: 0.7415

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

torch.Size([12772, 128])

93 0.0100 0.7449 0.7298 0.7449

weight\_b:Parameter containing:

tensor([[0.4053],

[0.3169]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.4172]], requires\_grad=True)

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

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

torch.Size([12772, 128])

94 0.0099 0.7449 0.7308 0.7449

weight\_b:Parameter containing:

tensor([[0.4065],

[0.3183]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.4205]], requires\_grad=True)

test\_f1-ma: 0.7350 test\_f1-mi: 0.7415

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

torch.Size([12772, 128])

95 0.0100 0.7415 0.7262 0.7415

weight\_b:Parameter containing:

tensor([[0.4078],

[0.3196]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.4237]], requires\_grad=True)

test\_f1-ma: 0.7350 test\_f1-mi: 0.7415

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

torch.Size([12772, 128])

96 0.0098 0.7483 0.7335 0.7483

weight\_b:Parameter containing:

tensor([[0.4090],

[0.3210]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.4269]], requires\_grad=True)

test\_f1-ma: 0.7350 test\_f1-mi: 0.7415

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

torch.Size([12772, 128])

97 0.0096 0.7381 0.7229 0.7381

weight\_b:Parameter containing:

tensor([[0.4103],

[0.3223]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.4301]], requires\_grad=True)

test\_f1-ma: 0.7350 test\_f1-mi: 0.7415

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

torch.Size([12772, 128])

98 0.0096 0.7415 0.7248 0.7415

weight\_b:Parameter containing:

tensor([[0.4115],

[0.3237]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.4333]], requires\_grad=True)

test\_f1-ma: 0.7350 test\_f1-mi: 0.7415

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

torch.Size([12772, 128])

99 0.0094 0.7415 0.7274 0.7415

weight\_b:Parameter containing:

tensor([[0.4127],

[0.3250]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.4364]], requires\_grad=True)

test\_f1-ma: 0.7350 test\_f1-mi: 0.7415

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

torch.Size([12772, 128])

100 0.0094 0.7381 0.7237 0.7381

weight\_b:Parameter containing:

tensor([[0.4139],

[0.3263]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.4395]], requires\_grad=True)

test\_f1-ma: 0.7350 test\_f1-mi: 0.7415

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

time: 321.8589234352

[Classification] Macro-F1: 0.7166 (0.0000) | Micro-F1: 0.7279 (0.0000)

[0.7165736988990754, 0.7278911564625851]

Test F1-ma: 0.7165736989, F1-mi: 0.7278911565

Process finished with exit code 0