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, 256])

1 1.0920 0.4728 0.2823 0.4728

weight\_b:Parameter containing:

tensor([[0.0205],

[0.0754]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0027]], requires\_grad=True)

test\_f1-ma: 0.3061 test\_f1-mi: 0.4966

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

torch.Size([12772, 256])

2 1.0113 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0240],

[0.0778]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0059]], requires\_grad=True)

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

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

torch.Size([12772, 256])

3 0.9752 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0281],

[0.0813]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0093]], requires\_grad=True)

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

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

torch.Size([12772, 256])

4 0.9288 0.5068 0.2654 0.5068

weight\_b:Parameter containing:

tensor([[0.0325],

[0.0851]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0130]], requires\_grad=True)

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

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

torch.Size([12772, 256])

5 0.8826 0.5408 0.3570 0.5408

weight\_b:Parameter containing:

tensor([[0.0370],

[0.0893]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0164]], requires\_grad=True)

test\_f1-ma: 0.3654 test\_f1-mi: 0.5646

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

torch.Size([12772, 256])

6 0.8347 0.5714 0.4163 0.5714

weight\_b:Parameter containing:

tensor([[0.0417],

[0.0936]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0193]], requires\_grad=True)

test\_f1-ma: 0.4074 test\_f1-mi: 0.5714

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

torch.Size([12772, 256])

7 0.7879 0.5816 0.4696 0.5816

weight\_b:Parameter containing:

tensor([[0.0464],

[0.0982]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0206]], requires\_grad=True)

test\_f1-ma: 0.5330 test\_f1-mi: 0.6122

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

torch.Size([12772, 256])

8 0.7498 0.5714 0.4883 0.5714

weight\_b:Parameter containing:

tensor([[0.0513],

[0.1029]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0196]], requires\_grad=True)

test\_f1-ma: 0.5527 test\_f1-mi: 0.6259

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

torch.Size([12772, 256])

9 0.7139 0.5986 0.5338 0.5986

weight\_b:Parameter containing:

tensor([[0.0563],

[0.1077]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0174]], requires\_grad=True)

test\_f1-ma: 0.6202 test\_f1-mi: 0.6667

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

torch.Size([12772, 256])

10 0.6716 0.6122 0.5676 0.6122

weight\_b:Parameter containing:

tensor([[0.0613],

[0.1126]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0149]], requires\_grad=True)

test\_f1-ma: 0.6364 test\_f1-mi: 0.6667

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

torch.Size([12772, 256])

11 0.6291 0.6327 0.5915 0.6327

weight\_b:Parameter containing:

tensor([[0.0664],

[0.1176]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0131]], requires\_grad=True)

test\_f1-ma: 0.6467 test\_f1-mi: 0.6803

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

torch.Size([12772, 256])

12 0.5932 0.6565 0.6166 0.6565

weight\_b:Parameter containing:

tensor([[0.0715],

[0.1225]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0119]], requires\_grad=True)

test\_f1-ma: 0.6532 test\_f1-mi: 0.6871

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

torch.Size([12772, 256])

13 0.5611 0.6667 0.6243 0.6667

weight\_b:Parameter containing:

tensor([[0.0767],

[0.1274]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0111]], requires\_grad=True)

test\_f1-ma: 0.6598 test\_f1-mi: 0.6939

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

torch.Size([12772, 256])

14 0.5308 0.6701 0.6261 0.6701

weight\_b:Parameter containing:

tensor([[0.0818],

[0.1322]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0107]], requires\_grad=True)

test\_f1-ma: 0.6777 test\_f1-mi: 0.7075

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

torch.Size([12772, 256])

15 0.4975 0.6735 0.6317 0.6735

weight\_b:Parameter containing:

tensor([[0.0870],

[0.1370]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0107]], requires\_grad=True)

test\_f1-ma: 0.6760 test\_f1-mi: 0.7075

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

torch.Size([12772, 256])

16 0.4654 0.6905 0.6575 0.6905

weight\_b:Parameter containing:

tensor([[0.0921],

[0.1417]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0110]], requires\_grad=True)

test\_f1-ma: 0.6826 test\_f1-mi: 0.7143

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

torch.Size([12772, 256])

17 0.4396 0.7007 0.6717 0.7007

weight\_b:Parameter containing:

tensor([[0.0970],

[0.1463]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0112]], requires\_grad=True)

test\_f1-ma: 0.6764 test\_f1-mi: 0.7007

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

torch.Size([12772, 256])

18 0.4127 0.6939 0.6636 0.6939

weight\_b:Parameter containing:

tensor([[0.1019],

[0.1507]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0119]], requires\_grad=True)

test\_f1-ma: 0.6869 test\_f1-mi: 0.7143

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

torch.Size([12772, 256])

19 0.3851 0.7041 0.6737 0.7041

weight\_b:Parameter containing:

tensor([[0.1067],

[0.1550]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0135]], requires\_grad=True)

test\_f1-ma: 0.6923 test\_f1-mi: 0.7211

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

torch.Size([12772, 256])

20 0.3591 0.6973 0.6625 0.6973

weight\_b:Parameter containing:

tensor([[0.1114],

[0.1593]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0154]], requires\_grad=True)

test\_f1-ma: 0.6977 test\_f1-mi: 0.7279

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

torch.Size([12772, 256])

21 0.3365 0.7177 0.6851 0.7177

weight\_b:Parameter containing:

tensor([[0.1160],

[0.1635]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0169]], requires\_grad=True)

test\_f1-ma: 0.6989 test\_f1-mi: 0.7279

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

torch.Size([12772, 256])

22 0.3120 0.7415 0.7062 0.7415

weight\_b:Parameter containing:

tensor([[0.1206],

[0.1677]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0184]], requires\_grad=True)

test\_f1-ma: 0.6989 test\_f1-mi: 0.7279

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

torch.Size([12772, 256])

23 0.2899 0.7415 0.7118 0.7415

weight\_b:Parameter containing:

tensor([[0.1252],

[0.1718]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0205]], requires\_grad=True)

test\_f1-ma: 0.7008 test\_f1-mi: 0.7279

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

torch.Size([12772, 256])

24 0.2697 0.7517 0.7330 0.7517

weight\_b:Parameter containing:

tensor([[0.1296],

[0.1759]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0229]], requires\_grad=True)

test\_f1-ma: 0.6889 test\_f1-mi: 0.7143

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

torch.Size([12772, 256])

25 0.2482 0.7687 0.7539 0.7687

weight\_b:Parameter containing:

tensor([[0.1340],

[0.1800]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0257]], requires\_grad=True)

test\_f1-ma: 0.6892 test\_f1-mi: 0.7075

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

torch.Size([12772, 256])

26 0.2311 0.7653 0.7486 0.7653

weight\_b:Parameter containing:

tensor([[0.1384],

[0.1842]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0290]], requires\_grad=True)

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

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

torch.Size([12772, 256])

27 0.2138 0.7653 0.7542 0.7653

weight\_b:Parameter containing:

tensor([[0.1427],

[0.1883]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0327]], requires\_grad=True)

test\_f1-ma: 0.6858 test\_f1-mi: 0.7007

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

torch.Size([12772, 256])

28 0.1977 0.7619 0.7534 0.7619

weight\_b:Parameter containing:

tensor([[0.1470],

[0.1924]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0370]], requires\_grad=True)

test\_f1-ma: 0.6969 test\_f1-mi: 0.7143

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

torch.Size([12772, 256])

29 0.1843 0.7551 0.7491 0.7551

weight\_b:Parameter containing:

tensor([[0.1512],

[0.1965]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0418]], requires\_grad=True)

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

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

torch.Size([12772, 256])

30 0.1698 0.7653 0.7588 0.7653

weight\_b:Parameter containing:

tensor([[0.1553],

[0.2007]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0470]], requires\_grad=True)

test\_f1-ma: 0.6635 test\_f1-mi: 0.6871

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

torch.Size([12772, 256])

31 0.1577 0.7789 0.7747 0.7789

weight\_b:Parameter containing:

tensor([[0.1594],

[0.2048]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0525]], requires\_grad=True)

test\_f1-ma: 0.6742 test\_f1-mi: 0.6939

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

torch.Size([12772, 256])

32 0.1445 0.7653 0.7583 0.7653

weight\_b:Parameter containing:

tensor([[0.1634],

[0.2089]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0583]], requires\_grad=True)

test\_f1-ma: 0.6758 test\_f1-mi: 0.6939

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

torch.Size([12772, 256])

33 0.1335 0.7653 0.7588 0.7653

weight\_b:Parameter containing:

tensor([[0.1674],

[0.2129]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.6881 test\_f1-mi: 0.7007

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

torch.Size([12772, 256])

34 0.1212 0.7653 0.7588 0.7653

weight\_b:Parameter containing:

tensor([[0.1713],

[0.2170]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0706]], requires\_grad=True)

test\_f1-ma: 0.6934 test\_f1-mi: 0.7075

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

torch.Size([12772, 256])

35 0.1126 0.7653 0.7572 0.7653

weight\_b:Parameter containing:

tensor([[0.1751],

[0.2210]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0770]], requires\_grad=True)

test\_f1-ma: 0.7091 test\_f1-mi: 0.7143

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

torch.Size([12772, 256])

36 0.1084 0.7687 0.7588 0.7687

weight\_b:Parameter containing:

tensor([[0.1790],

[0.2249]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0835]], requires\_grad=True)

test\_f1-ma: 0.7291 test\_f1-mi: 0.7347

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

torch.Size([12772, 256])

37 0.1231 0.7483 0.7437 0.7483

weight\_b:Parameter containing:

tensor([[0.1828],

[0.2287]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0898]], requires\_grad=True)

test\_f1-ma: 0.7067 test\_f1-mi: 0.7075

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

torch.Size([12772, 256])

38 0.1010 0.7687 0.7584 0.7687

weight\_b:Parameter containing:

tensor([[0.1865],

[0.2324]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0963]], requires\_grad=True)

test\_f1-ma: 0.7100 test\_f1-mi: 0.7211

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

torch.Size([12772, 256])

39 0.0790 0.7653 0.7582 0.7653

weight\_b:Parameter containing:

tensor([[0.1903],

[0.2361]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1030]], requires\_grad=True)

test\_f1-ma: 0.7200 test\_f1-mi: 0.7279

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

torch.Size([12772, 256])

40 0.0854 0.7619 0.7495 0.7619

weight\_b:Parameter containing:

tensor([[0.1939],

[0.2396]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1095]], requires\_grad=True)

test\_f1-ma: 0.7206 test\_f1-mi: 0.7211

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

torch.Size([12772, 256])

41 0.0647 0.7551 0.7501 0.7551

weight\_b:Parameter containing:

tensor([[0.1974],

[0.2431]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([12772, 256])

42 0.0769 0.7653 0.7577 0.7653

weight\_b:Parameter containing:

tensor([[0.2009],

[0.2465]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1232]], requires\_grad=True)

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

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

torch.Size([12772, 256])

43 0.0658 0.7755 0.7658 0.7755

weight\_b:Parameter containing:

tensor([[0.2043],

[0.2498]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1299]], requires\_grad=True)

test\_f1-ma: 0.7343 test\_f1-mi: 0.7415

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

torch.Size([12772, 256])

44 0.0573 0.7789 0.7731 0.7789

weight\_b:Parameter containing:

tensor([[0.2075],

[0.2530]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.7441 test\_f1-mi: 0.7483

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

torch.Size([12772, 256])

45 0.0602 0.7721 0.7641 0.7721

weight\_b:Parameter containing:

tensor([[0.2107],

[0.2562]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1434]], requires\_grad=True)

test\_f1-ma: 0.7090 test\_f1-mi: 0.7211

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

torch.Size([12772, 256])

46 0.0436 0.7755 0.7687 0.7755

weight\_b:Parameter containing:

tensor([[0.2137],

[0.2593]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1503]], requires\_grad=True)

test\_f1-ma: 0.7316 test\_f1-mi: 0.7415

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

torch.Size([12772, 256])

47 0.0472 0.7891 0.7794 0.7891

weight\_b:Parameter containing:

tensor([[0.2167],

[0.2623]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1572]], requires\_grad=True)

test\_f1-ma: 0.7441 test\_f1-mi: 0.7483

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

torch.Size([12772, 256])

48 0.0363 0.7789 0.7718 0.7789

weight\_b:Parameter containing:

tensor([[0.2196],

[0.2652]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1640]], requires\_grad=True)

test\_f1-ma: 0.7466 test\_f1-mi: 0.7551

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

torch.Size([12772, 256])

49 0.0421 0.7755 0.7683 0.7755

weight\_b:Parameter containing:

tensor([[0.2224],

[0.2681]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1709]], requires\_grad=True)

test\_f1-ma: 0.7180 test\_f1-mi: 0.7279

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

torch.Size([12772, 256])

50 0.0329 0.7857 0.7778 0.7857

weight\_b:Parameter containing:

tensor([[0.2252],

[0.2709]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1778]], requires\_grad=True)

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

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

torch.Size([12772, 256])

51 0.0337 0.7925 0.7835 0.7925

weight\_b:Parameter containing:

tensor([[0.2279],

[0.2736]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1846]], requires\_grad=True)

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

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

torch.Size([12772, 256])

52 0.0327 0.7823 0.7746 0.7823

weight\_b:Parameter containing:

tensor([[0.2305],

[0.2763]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1913]], requires\_grad=True)

test\_f1-ma: 0.7318 test\_f1-mi: 0.7415

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

torch.Size([12772, 256])

53 0.0270 0.7857 0.7792 0.7857

weight\_b:Parameter containing:

tensor([[0.2331],

[0.2789]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1981]], requires\_grad=True)

test\_f1-ma: 0.7460 test\_f1-mi: 0.7551

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

torch.Size([12772, 256])

54 0.0264 0.7823 0.7744 0.7823

weight\_b:Parameter containing:

tensor([[0.2356],

[0.2814]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2048]], requires\_grad=True)

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

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

torch.Size([12772, 256])

55 0.0236 0.7789 0.7725 0.7789

weight\_b:Parameter containing:

tensor([[0.2381],

[0.2838]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2114]], requires\_grad=True)

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

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

torch.Size([12772, 256])

56 0.0227 0.7891 0.7833 0.7891

weight\_b:Parameter containing:

tensor([[0.2405],

[0.2862]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2179]], requires\_grad=True)

test\_f1-ma: 0.7503 test\_f1-mi: 0.7619

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

torch.Size([12772, 256])

57 0.0220 0.7823 0.7763 0.7823

weight\_b:Parameter containing:

tensor([[0.2429],

[0.2885]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.7647 test\_f1-mi: 0.7755

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

torch.Size([12772, 256])

58 0.0199 0.7789 0.7721 0.7789

weight\_b:Parameter containing:

tensor([[0.2452],

[0.2908]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2307]], requires\_grad=True)

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

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

torch.Size([12772, 256])

59 0.0190 0.7789 0.7729 0.7789

weight\_b:Parameter containing:

tensor([[0.2474],

[0.2930]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2369]], requires\_grad=True)

test\_f1-ma: 0.7669 test\_f1-mi: 0.7755

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

torch.Size([12772, 256])

60 0.0189 0.7857 0.7788 0.7857

weight\_b:Parameter containing:

tensor([[0.2496],

[0.2951]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2431]], requires\_grad=True)

test\_f1-ma: 0.7492 test\_f1-mi: 0.7619

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

torch.Size([12772, 256])

61 0.0173 0.7789 0.7728 0.7789

weight\_b:Parameter containing:

tensor([[0.2516],

[0.2972]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2493]], requires\_grad=True)

test\_f1-ma: 0.7535 test\_f1-mi: 0.7619

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

torch.Size([12772, 256])

62 0.0176 0.7789 0.7718 0.7789

weight\_b:Parameter containing:

tensor([[0.2537],

[0.2993]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2552]], requires\_grad=True)

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

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

torch.Size([12772, 256])

63 0.0155 0.7789 0.7723 0.7789

weight\_b:Parameter containing:

tensor([[0.2557],

[0.3013]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2611]], requires\_grad=True)

test\_f1-ma: 0.7535 test\_f1-mi: 0.7619

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

torch.Size([12772, 256])

64 0.0168 0.7789 0.7715 0.7789

weight\_b:Parameter containing:

tensor([[0.2575],

[0.3032]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2669]], requires\_grad=True)

test\_f1-ma: 0.7402 test\_f1-mi: 0.7483

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

torch.Size([12772, 256])

65 0.0160 0.7755 0.7664 0.7755

weight\_b:Parameter containing:

tensor([[0.2594],

[0.3052]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2726]], requires\_grad=True)

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

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

torch.Size([12772, 256])

66 0.0152 0.7687 0.7584 0.7687

weight\_b:Parameter containing:

tensor([[0.2613],

[0.3070]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2782]], requires\_grad=True)

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

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

torch.Size([12772, 256])

67 0.0152 0.7755 0.7684 0.7755

weight\_b:Parameter containing:

tensor([[0.2631],

[0.3089]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2838]], requires\_grad=True)

test\_f1-ma: 0.7402 test\_f1-mi: 0.7483

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

torch.Size([12772, 256])

68 0.0146 0.7755 0.7660 0.7755

weight\_b:Parameter containing:

tensor([[0.2648],

[0.3107]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2892]], requires\_grad=True)

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

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

torch.Size([12772, 256])

69 0.0152 0.7687 0.7584 0.7687

weight\_b:Parameter containing:

tensor([[0.2665],

[0.3124]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2946]], requires\_grad=True)

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

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

torch.Size([12772, 256])

70 0.0147 0.7755 0.7660 0.7755

weight\_b:Parameter containing:

tensor([[0.2682],

[0.3142]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2999]], requires\_grad=True)

test\_f1-ma: 0.7605 test\_f1-mi: 0.7687

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

torch.Size([12772, 256])

71 0.0140 0.7721 0.7640 0.7721

weight\_b:Parameter containing:

tensor([[0.2698],

[0.3159]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3051]], requires\_grad=True)

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

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

torch.Size([12772, 256])

72 0.0142 0.7687 0.7584 0.7687

weight\_b:Parameter containing:

tensor([[0.2715],

[0.3176]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3102]], requires\_grad=True)

test\_f1-ma: 0.7605 test\_f1-mi: 0.7687

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

torch.Size([12772, 256])

73 0.0141 0.7687 0.7597 0.7687

weight\_b:Parameter containing:

tensor([[0.2731],

[0.3192]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3154]], requires\_grad=True)

test\_f1-ma: 0.7526 test\_f1-mi: 0.7619

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

torch.Size([12772, 256])

74 0.0137 0.7619 0.7527 0.7619

weight\_b:Parameter containing:

tensor([[0.2747],

[0.3208]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3204]], requires\_grad=True)

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

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

torch.Size([12772, 256])

75 0.0144 0.7687 0.7602 0.7687

weight\_b:Parameter containing:

tensor([[0.2763],

[0.3225]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3253]], requires\_grad=True)

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

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

torch.Size([12772, 256])

76 0.0209 0.7687 0.7598 0.7687

weight\_b:Parameter containing:

tensor([[0.2778],

[0.3241]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3302]], requires\_grad=True)

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

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

torch.Size([12772, 256])

77 0.4352 0.7279 0.7289 0.7279

weight\_b:Parameter containing:

tensor([[0.2797],

[0.3244]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3303]], requires\_grad=True)

test\_f1-ma: 0.6688 test\_f1-mi: 0.6531

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

torch.Size([12772, 256])

78 2.6407 0.6156 0.5494 0.6156

weight\_b:Parameter containing:

tensor([[0.2797],

[0.3206]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3260]], requires\_grad=True)

test\_f1-ma: 0.5277 test\_f1-mi: 0.6054

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

torch.Size([12772, 256])

79 2.2036 0.5646 0.5408 0.5646

weight\_b:Parameter containing:

tensor([[0.2798],

[0.3151]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3204]], requires\_grad=True)

test\_f1-ma: 0.4996 test\_f1-mi: 0.5306

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

torch.Size([12772, 256])

80 0.1106 0.7585 0.7534 0.7585

weight\_b:Parameter containing:

tensor([[0.2803],

[0.3102]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3153]], requires\_grad=True)

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

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

torch.Size([12772, 256])

81 1.6663 0.6361 0.5754 0.6361

weight\_b:Parameter containing:

tensor([[0.2818],

[0.3044]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3090]], requires\_grad=True)

test\_f1-ma: 0.5447 test\_f1-mi: 0.5850

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

torch.Size([12772, 256])

82 1.2719 0.6667 0.5516 0.6667

weight\_b:Parameter containing:

tensor([[0.2844],

[0.2982]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3024]], requires\_grad=True)

test\_f1-ma: 0.6051 test\_f1-mi: 0.6803

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

torch.Size([12772, 256])

83 0.8661 0.6837 0.6253 0.6837

weight\_b:Parameter containing:

tensor([[0.2877],

[0.2918]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2955]], requires\_grad=True)

test\_f1-ma: 0.5694 test\_f1-mi: 0.6463

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

torch.Size([12772, 256])

84 0.4265 0.7109 0.6904 0.7109

weight\_b:Parameter containing:

tensor([[0.2905],

[0.2855]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2886]], requires\_grad=True)

test\_f1-ma: 0.6542 test\_f1-mi: 0.6803

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

torch.Size([12772, 256])

85 0.2876 0.6905 0.6779 0.6905

weight\_b:Parameter containing:

tensor([[0.2924],

[0.2797]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2820]], requires\_grad=True)

test\_f1-ma: 0.6630 test\_f1-mi: 0.6803

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

torch.Size([12772, 256])

86 0.6256 0.6497 0.6447 0.6497

weight\_b:Parameter containing:

tensor([[0.2933],

[0.2739]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.6204 test\_f1-mi: 0.6327

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

torch.Size([12772, 256])

87 0.7392 0.6327 0.6291 0.6327

weight\_b:Parameter containing:

tensor([[0.2934],

[0.2682]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2686]], requires\_grad=True)

test\_f1-ma: 0.6067 test\_f1-mi: 0.6122

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

torch.Size([12772, 256])

88 0.4503 0.6667 0.6590 0.6667

weight\_b:Parameter containing:

tensor([[0.2931],

[0.2629]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2622]], requires\_grad=True)

test\_f1-ma: 0.6385 test\_f1-mi: 0.6531

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

torch.Size([12772, 256])

89 0.2169 0.7245 0.7122 0.7245

weight\_b:Parameter containing:

tensor([[0.2926],

[0.2580]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2562]], requires\_grad=True)

test\_f1-ma: 0.6728 test\_f1-mi: 0.6939

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

torch.Size([12772, 256])

90 0.2060 0.7211 0.7012 0.7211

weight\_b:Parameter containing:

tensor([[0.2920],

[0.2534]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2505]], requires\_grad=True)

test\_f1-ma: 0.6675 test\_f1-mi: 0.6871

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

torch.Size([12772, 256])

91 0.2516 0.7075 0.6761 0.7075

weight\_b:Parameter containing:

tensor([[0.2913],

[0.2491]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2449]], requires\_grad=True)

test\_f1-ma: 0.6581 test\_f1-mi: 0.6939

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

torch.Size([12772, 256])

92 0.2639 0.7245 0.6935 0.7245

weight\_b:Parameter containing:

tensor([[0.2908],

[0.2451]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2396]], requires\_grad=True)

test\_f1-ma: 0.6786 test\_f1-mi: 0.7143

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

torch.Size([12772, 256])

93 0.2730 0.7483 0.7171 0.7483

weight\_b:Parameter containing:

tensor([[0.2906],

[0.2413]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2346]], requires\_grad=True)

test\_f1-ma: 0.6714 test\_f1-mi: 0.7007

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

torch.Size([12772, 256])

94 0.2910 0.7483 0.7226 0.7483

weight\_b:Parameter containing:

tensor([[0.2907],

[0.2379]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2300]], requires\_grad=True)

test\_f1-ma: 0.6744 test\_f1-mi: 0.7007

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

torch.Size([12772, 256])

95 0.2798 0.7483 0.7309 0.7483

weight\_b:Parameter containing:

tensor([[0.2910],

[0.2347]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2258]], requires\_grad=True)

test\_f1-ma: 0.6444 test\_f1-mi: 0.6667

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

torch.Size([12772, 256])

96 0.2195 0.7585 0.7431 0.7585

weight\_b:Parameter containing:

tensor([[0.2916],

[0.2320]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2221]], requires\_grad=True)

test\_f1-ma: 0.6496 test\_f1-mi: 0.6735

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

torch.Size([12772, 256])

97 0.1574 0.7687 0.7524 0.7687

weight\_b:Parameter containing:

tensor([[0.2923],

[0.2296]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2187]], requires\_grad=True)

test\_f1-ma: 0.6802 test\_f1-mi: 0.7007

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

torch.Size([12772, 256])

98 0.1326 0.7687 0.7494 0.7687

weight\_b:Parameter containing:

tensor([[0.2930],

[0.2275]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2156]], requires\_grad=True)

test\_f1-ma: 0.6900 test\_f1-mi: 0.7143

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

torch.Size([12772, 256])

99 0.1371 0.7721 0.7507 0.7721

weight\_b:Parameter containing:

tensor([[0.2937],

[0.2257]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2128]], requires\_grad=True)

test\_f1-ma: 0.7096 test\_f1-mi: 0.7279

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

torch.Size([12772, 256])

100 0.1561 0.7551 0.7440 0.7551

weight\_b:Parameter containing:

tensor([[0.2941],

[0.2241]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2099]], requires\_grad=True)

test\_f1-ma: 0.6732 test\_f1-mi: 0.6939

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

time: 455.5671770573

[Classification] Macro-F1: 0.7703 (0.0000) | Micro-F1: 0.7755 (0.0000)

[0.7702816945415267, 0.7755102040816326]

Test F1-ma: 0.7702816945, F1-mi: 0.7755102041

Process finished with exit code 0