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

DBLP node number: 26128

torch.Size([26128, 256])

1 1.4935 0.2525 0.2468 0.2525

weight\_b:Parameter containing:

tensor([[0.9950],

[0.9950],

[0.9950]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0075]], requires\_grad=True)

test\_f1-ma: 0.2176 test\_f1-mi: 0.2325

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

torch.Size([26128, 256])

2 1.4703 0.5125 0.3363 0.5125

weight\_b:Parameter containing:

tensor([[0.9905],

[0.9913],

[0.9965]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0038]], requires\_grad=True)

test\_f1-ma: 0.3778 test\_f1-mi: 0.5725

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

torch.Size([26128, 256])

3 0.8097 0.7000 0.6799 0.7000

weight\_b:Parameter containing:

tensor([[0.9882],

[0.9880],

[0.9982]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0004]], requires\_grad=True)

test\_f1-ma: 0.6846 test\_f1-mi: 0.7100

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

torch.Size([26128, 256])

4 0.5932 0.8375 0.8325 0.8375

weight\_b:Parameter containing:

tensor([[0.9879],

[0.9854],

[0.9967]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0025]], requires\_grad=True)

test\_f1-ma: 0.8023 test\_f1-mi: 0.8150

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

torch.Size([26128, 256])

5 0.4824 0.8825 0.8767 0.8825

weight\_b:Parameter containing:

tensor([[0.9889],

[0.9831],

[0.9938]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8478 test\_f1-mi: 0.8625

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

torch.Size([26128, 256])

6 0.4115 0.8925 0.8859 0.8925

weight\_b:Parameter containing:

tensor([[0.9907],

[0.9812],

[0.9901]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0068]], requires\_grad=True)

test\_f1-ma: 0.8471 test\_f1-mi: 0.8650

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

torch.Size([26128, 256])

7 0.3624 0.8950 0.8872 0.8950

weight\_b:Parameter containing:

tensor([[0.9930],

[0.9794],

[0.9860]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0083]], requires\_grad=True)

test\_f1-ma: 0.8395 test\_f1-mi: 0.8600

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

torch.Size([26128, 256])

8 0.3178 0.8975 0.8894 0.8975

weight\_b:Parameter containing:

tensor([[0.9957],

[0.9778],

[0.9817]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0096]], requires\_grad=True)

test\_f1-ma: 0.8463 test\_f1-mi: 0.8650

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

torch.Size([26128, 256])

9 0.2867 0.9000 0.8931 0.9000

weight\_b:Parameter containing:

tensor([[0.9986],

[0.9765],

[0.9772]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8428 test\_f1-mi: 0.8600

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

torch.Size([26128, 256])

10 0.2510 0.9000 0.8917 0.9000

weight\_b:Parameter containing:

tensor([[1.0018],

[0.9753],

[0.9727]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8543 test\_f1-mi: 0.8725

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

torch.Size([26128, 256])

11 0.2209 0.9000 0.8920 0.9000

weight\_b:Parameter containing:

tensor([[1.0051],

[0.9742],

[0.9685]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0125]], requires\_grad=True)

test\_f1-ma: 0.8555 test\_f1-mi: 0.8725

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

torch.Size([26128, 256])

12 0.2031 0.8975 0.8900 0.8975

weight\_b:Parameter containing:

tensor([[1.0084],

[0.9728],

[0.9647]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0129]], requires\_grad=True)

test\_f1-ma: 0.8494 test\_f1-mi: 0.8625

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

torch.Size([26128, 256])

13 0.1914 0.8925 0.8817 0.8925

weight\_b:Parameter containing:

tensor([[1.0117],

[0.9717],

[0.9615]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0133]], requires\_grad=True)

test\_f1-ma: 0.8463 test\_f1-mi: 0.8650

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

torch.Size([26128, 256])

14 0.1774 0.9000 0.8903 0.9000

weight\_b:Parameter containing:

tensor([[1.0151],

[0.9709],

[0.9591]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0138]], requires\_grad=True)

test\_f1-ma: 0.8435 test\_f1-mi: 0.8625

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

torch.Size([26128, 256])

15 0.1474 0.9075 0.9008 0.9075

weight\_b:Parameter containing:

tensor([[1.0185],

[0.9703],

[0.9578]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0142]], requires\_grad=True)

test\_f1-ma: 0.8544 test\_f1-mi: 0.8675

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

torch.Size([26128, 256])

16 0.1579 0.9025 0.8965 0.9025

weight\_b:Parameter containing:

tensor([[1.0219],

[0.9693],

[0.9580]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0144]], requires\_grad=True)

test\_f1-ma: 0.8399 test\_f1-mi: 0.8525

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

torch.Size([26128, 256])

17 0.1314 0.8925 0.8833 0.8925

weight\_b:Parameter containing:

tensor([[1.0252],

[0.9680],

[0.9592]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0143]], requires\_grad=True)

test\_f1-ma: 0.8542 test\_f1-mi: 0.8700

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

torch.Size([26128, 256])

18 0.1347 0.8925 0.8820 0.8925

weight\_b:Parameter containing:

tensor([[1.0284],

[0.9665],

[0.9611]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0140]], requires\_grad=True)

test\_f1-ma: 0.8459 test\_f1-mi: 0.8650

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

torch.Size([26128, 256])

19 0.1075 0.9125 0.9052 0.9125

weight\_b:Parameter containing:

tensor([[1.0316],

[0.9653],

[0.9637]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0138]], requires\_grad=True)

test\_f1-ma: 0.8543 test\_f1-mi: 0.8675

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

torch.Size([26128, 256])

20 0.1158 0.9100 0.9046 0.9100

weight\_b:Parameter containing:

tensor([[1.0347],

[0.9644],

[0.9670]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0138]], requires\_grad=True)

test\_f1-ma: 0.8425 test\_f1-mi: 0.8550

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

torch.Size([26128, 256])

21 0.0929 0.9075 0.9019 0.9075

weight\_b:Parameter containing:

tensor([[1.0379],

[0.9636],

[0.9708]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0137]], requires\_grad=True)

test\_f1-ma: 0.8448 test\_f1-mi: 0.8575

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

torch.Size([26128, 256])

22 0.0911 0.9025 0.8966 0.9025

weight\_b:Parameter containing:

tensor([[1.0410],

[0.9626],

[0.9748]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0136]], requires\_grad=True)

test\_f1-ma: 0.8420 test\_f1-mi: 0.8550

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

torch.Size([26128, 256])

23 0.0941 0.8925 0.8862 0.8925

weight\_b:Parameter containing:

tensor([[1.0440],

[0.9614],

[0.9791]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8403 test\_f1-mi: 0.8550

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

torch.Size([26128, 256])

24 0.0805 0.8950 0.8875 0.8950

weight\_b:Parameter containing:

tensor([[1.0469],

[0.9602],

[0.9837]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8487 test\_f1-mi: 0.8625

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

torch.Size([26128, 256])

25 0.0723 0.9125 0.9057 0.9125

weight\_b:Parameter containing:

tensor([[1.0499],

[0.9591],

[0.9884]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0124]], requires\_grad=True)

test\_f1-ma: 0.8592 test\_f1-mi: 0.8725

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

torch.Size([26128, 256])

26 0.0712 0.9075 0.9007 0.9075

weight\_b:Parameter containing:

tensor([[1.0528],

[0.9583],

[0.9933]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0122]], requires\_grad=True)

test\_f1-ma: 0.8559 test\_f1-mi: 0.8700

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

torch.Size([26128, 256])

27 0.0729 0.9100 0.9037 0.9100

weight\_b:Parameter containing:

tensor([[1.0558],

[0.9576],

[0.9985]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0121]], requires\_grad=True)

test\_f1-ma: 0.8520 test\_f1-mi: 0.8650

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

torch.Size([26128, 256])

28 0.0673 0.9075 0.9009 0.9075

weight\_b:Parameter containing:

tensor([[1.0587],

[0.9572],

[1.0038]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0121]], requires\_grad=True)

test\_f1-ma: 0.8585 test\_f1-mi: 0.8700

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

torch.Size([26128, 256])

29 0.0608 0.9050 0.8983 0.9050

weight\_b:Parameter containing:

tensor([[1.0616],

[0.9568],

[1.0092]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0122]], requires\_grad=True)

test\_f1-ma: 0.8527 test\_f1-mi: 0.8650

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

torch.Size([26128, 256])

30 0.0573 0.9000 0.8928 0.9000

weight\_b:Parameter containing:

tensor([[1.0645],

[0.9564],

[1.0147]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0123]], requires\_grad=True)

test\_f1-ma: 0.8557 test\_f1-mi: 0.8675

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

torch.Size([26128, 256])

31 0.0568 0.8950 0.8879 0.8950

weight\_b:Parameter containing:

tensor([[1.0674],

[0.9560],

[1.0203]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0124]], requires\_grad=True)

test\_f1-ma: 0.8555 test\_f1-mi: 0.8675

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

torch.Size([26128, 256])

32 0.0578 0.8900 0.8833 0.8900

weight\_b:Parameter containing:

tensor([[1.0702],

[0.9555],

[1.0259]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0123]], requires\_grad=True)

test\_f1-ma: 0.8505 test\_f1-mi: 0.8625

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

torch.Size([26128, 256])

33 0.0569 0.8975 0.8909 0.8975

weight\_b:Parameter containing:

tensor([[1.0730],

[0.9547],

[1.0316]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0122]], requires\_grad=True)

test\_f1-ma: 0.8549 test\_f1-mi: 0.8675

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

torch.Size([26128, 256])

34 0.0541 0.9000 0.8944 0.9000

weight\_b:Parameter containing:

tensor([[1.0758],

[0.9538],

[1.0373]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0120]], requires\_grad=True)

test\_f1-ma: 0.8573 test\_f1-mi: 0.8700

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

torch.Size([26128, 256])

35 0.0510 0.9000 0.8945 0.9000

weight\_b:Parameter containing:

tensor([[1.0786],

[0.9531],

[1.0430]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8545 test\_f1-mi: 0.8675

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

torch.Size([26128, 256])

36 0.0503 0.9000 0.8940 0.9000

weight\_b:Parameter containing:

tensor([[1.0814],

[0.9526],

[1.0488]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0120]], requires\_grad=True)

test\_f1-ma: 0.8525 test\_f1-mi: 0.8650

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

torch.Size([26128, 256])

37 0.0501 0.8950 0.8895 0.8950

weight\_b:Parameter containing:

tensor([[1.0842],

[0.9523],

[1.0547]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0121]], requires\_grad=True)

test\_f1-ma: 0.8484 test\_f1-mi: 0.8600

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

torch.Size([26128, 256])

38 0.0498 0.8925 0.8870 0.8925

weight\_b:Parameter containing:

tensor([[1.0870],

[0.9520],

[1.0607]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0124]], requires\_grad=True)

test\_f1-ma: 0.8516 test\_f1-mi: 0.8625

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

torch.Size([26128, 256])

39 0.0473 0.8925 0.8870 0.8925

weight\_b:Parameter containing:

tensor([[1.0897],

[0.9517],

[1.0667]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0126]], requires\_grad=True)

test\_f1-ma: 0.8516 test\_f1-mi: 0.8625

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

torch.Size([26128, 256])

40 0.0456 0.8975 0.8922 0.8975

weight\_b:Parameter containing:

tensor([[1.0925],

[0.9513],

[1.0728]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8446 test\_f1-mi: 0.8575

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

torch.Size([26128, 256])

41 0.0452 0.9000 0.8948 0.9000

weight\_b:Parameter containing:

tensor([[1.0952],

[0.9508],

[1.0789]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0129]], requires\_grad=True)

test\_f1-ma: 0.8497 test\_f1-mi: 0.8625

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

torch.Size([26128, 256])

42 0.0448 0.9000 0.8940 0.9000

weight\_b:Parameter containing:

tensor([[1.0980],

[0.9503],

[1.0850]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8532 test\_f1-mi: 0.8650

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

torch.Size([26128, 256])

43 0.0439 0.8975 0.8909 0.8975

weight\_b:Parameter containing:

tensor([[1.1007],

[0.9499],

[1.0911]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8565 test\_f1-mi: 0.8675

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

torch.Size([26128, 256])

44 0.0422 0.8975 0.8913 0.8975

weight\_b:Parameter containing:

tensor([[1.1035],

[0.9498],

[1.0972]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8565 test\_f1-mi: 0.8675

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

torch.Size([26128, 256])

45 0.0405 0.8900 0.8838 0.8900

weight\_b:Parameter containing:

tensor([[1.1062],

[0.9497],

[1.1034]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0138]], requires\_grad=True)

test\_f1-ma: 0.8509 test\_f1-mi: 0.8625

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

torch.Size([26128, 256])

46 0.0401 0.8925 0.8870 0.8925

weight\_b:Parameter containing:

tensor([[1.1090],

[0.9495],

[1.1096]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0141]], requires\_grad=True)

test\_f1-ma: 0.8532 test\_f1-mi: 0.8650

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

torch.Size([26128, 256])

47 0.0399 0.8925 0.8874 0.8925

weight\_b:Parameter containing:

tensor([[1.1117],

[0.9492],

[1.1159]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0144]], requires\_grad=True)

test\_f1-ma: 0.8538 test\_f1-mi: 0.8650

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

torch.Size([26128, 256])

48 0.0379 0.8925 0.8870 0.8925

weight\_b:Parameter containing:

tensor([[1.1144],

[0.9488],

[1.1223]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0147]], requires\_grad=True)

test\_f1-ma: 0.8505 test\_f1-mi: 0.8625

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

torch.Size([26128, 256])

49 0.0365 0.8950 0.8886 0.8950

weight\_b:Parameter containing:

tensor([[1.1170],

[0.9485],

[1.1286]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8528 test\_f1-mi: 0.8650

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

torch.Size([26128, 256])

50 0.0366 0.8950 0.8883 0.8950

weight\_b:Parameter containing:

tensor([[1.1197],

[0.9483],

[1.1350]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0153]], requires\_grad=True)

test\_f1-ma: 0.8583 test\_f1-mi: 0.8700

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

torch.Size([26128, 256])

51 0.0353 0.8975 0.8911 0.8975

weight\_b:Parameter containing:

tensor([[1.1224],

[0.9482],

[1.1414]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0157]], requires\_grad=True)

test\_f1-ma: 0.8537 test\_f1-mi: 0.8675

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

torch.Size([26128, 256])

52 0.0340 0.8950 0.8884 0.8950

weight\_b:Parameter containing:

tensor([[1.1250],

[0.9480],

[1.1478]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0160]], requires\_grad=True)

test\_f1-ma: 0.8544 test\_f1-mi: 0.8675

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

torch.Size([26128, 256])

53 0.0332 0.8875 0.8814 0.8875

weight\_b:Parameter containing:

tensor([[1.1277],

[0.9479],

[1.1542]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0165]], requires\_grad=True)

test\_f1-ma: 0.8520 test\_f1-mi: 0.8650

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

torch.Size([26128, 256])

54 0.0329 0.8925 0.8868 0.8925

weight\_b:Parameter containing:

tensor([[1.1303],

[0.9475],

[1.1607]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0168]], requires\_grad=True)

test\_f1-ma: 0.8520 test\_f1-mi: 0.8650

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

torch.Size([26128, 256])

55 0.0315 0.8900 0.8836 0.8900

weight\_b:Parameter containing:

tensor([[1.1329],

[0.9471],

[1.1672]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0171]], requires\_grad=True)

test\_f1-ma: 0.8518 test\_f1-mi: 0.8650

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

torch.Size([26128, 256])

56 0.0310 0.8950 0.8881 0.8950

weight\_b:Parameter containing:

tensor([[1.1354],

[0.9469],

[1.1737]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0175]], requires\_grad=True)

test\_f1-ma: 0.8570 test\_f1-mi: 0.8700

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

torch.Size([26128, 256])

57 0.0303 0.8950 0.8881 0.8950

weight\_b:Parameter containing:

tensor([[1.1380],

[0.9468],

[1.1802]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0180]], requires\_grad=True)

test\_f1-ma: 0.8587 test\_f1-mi: 0.8725

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

torch.Size([26128, 256])

58 0.0291 0.8950 0.8886 0.8950

weight\_b:Parameter containing:

tensor([[1.1406],

[0.9467],

[1.1867]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8613 test\_f1-mi: 0.8750

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

torch.Size([26128, 256])

59 0.0286 0.8925 0.8869 0.8925

weight\_b:Parameter containing:

tensor([[1.1431],

[0.9465],

[1.1933]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0189]], requires\_grad=True)

test\_f1-ma: 0.8650 test\_f1-mi: 0.8775

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

torch.Size([26128, 256])

60 0.0277 0.8975 0.8913 0.8975

weight\_b:Parameter containing:

tensor([[1.1456],

[0.9463],

[1.1999]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8677 test\_f1-mi: 0.8800

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

torch.Size([26128, 256])

61 0.0267 0.8950 0.8883 0.8950

weight\_b:Parameter containing:

tensor([[1.1480],

[0.9460],

[1.2066]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0197]], requires\_grad=True)

test\_f1-ma: 0.8616 test\_f1-mi: 0.8750

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

torch.Size([26128, 256])

62 0.0263 0.8975 0.8914 0.8975

weight\_b:Parameter containing:

tensor([[1.1505],

[0.9459],

[1.2132]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0201]], requires\_grad=True)

test\_f1-ma: 0.8616 test\_f1-mi: 0.8750

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

torch.Size([26128, 256])

63 0.0252 0.8950 0.8883 0.8950

weight\_b:Parameter containing:

tensor([[1.1529],

[0.9459],

[1.2199]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8669 test\_f1-mi: 0.8800

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

torch.Size([26128, 256])

64 0.0246 0.8975 0.8905 0.8975

weight\_b:Parameter containing:

tensor([[1.1553],

[0.9457],

[1.2265]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0211]], requires\_grad=True)

test\_f1-ma: 0.8669 test\_f1-mi: 0.8800

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

torch.Size([26128, 256])

65 0.0239 0.9025 0.8968 0.9025

weight\_b:Parameter containing:

tensor([[1.1577],

[0.9455],

[1.2332]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8644 test\_f1-mi: 0.8775

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

torch.Size([26128, 256])

66 0.0230 0.9000 0.8945 0.9000

weight\_b:Parameter containing:

tensor([[1.1600],

[0.9453],

[1.2399]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0219]], requires\_grad=True)

test\_f1-ma: 0.8642 test\_f1-mi: 0.8775

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

torch.Size([26128, 256])

67 0.0225 0.9000 0.8945 0.9000

weight\_b:Parameter containing:

tensor([[1.1623],

[0.9452],

[1.2465]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0224]], requires\_grad=True)

test\_f1-ma: 0.8675 test\_f1-mi: 0.8800

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

torch.Size([26128, 256])

68 0.0217 0.9025 0.8969 0.9025

weight\_b:Parameter containing:

tensor([[1.1646],

[0.9451],

[1.2531]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8642 test\_f1-mi: 0.8775

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

torch.Size([26128, 256])

69 0.0210 0.9025 0.8968 0.9025

weight\_b:Parameter containing:

tensor([[1.1669],

[0.9449],

[1.2598]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8701 test\_f1-mi: 0.8825

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

torch.Size([26128, 256])

70 0.0205 0.9025 0.8968 0.9025

weight\_b:Parameter containing:

tensor([[1.1691],

[0.9448],

[1.2664]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0238]], requires\_grad=True)

test\_f1-ma: 0.8759 test\_f1-mi: 0.8875

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

torch.Size([26128, 256])

71 0.0198 0.9025 0.8969 0.9025

weight\_b:Parameter containing:

tensor([[1.1713],

[0.9446],

[1.2730]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0243]], requires\_grad=True)

test\_f1-ma: 0.8815 test\_f1-mi: 0.8925

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

torch.Size([26128, 256])

72 0.0193 0.9050 0.9000 0.9050

weight\_b:Parameter containing:

tensor([[1.1734],

[0.9445],

[1.2796]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0248]], requires\_grad=True)

test\_f1-ma: 0.8756 test\_f1-mi: 0.8875

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

torch.Size([26128, 256])

73 0.0186 0.9075 0.9023 0.9075

weight\_b:Parameter containing:

tensor([[1.1756],

[0.9445],

[1.2861]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8788 test\_f1-mi: 0.8900

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

torch.Size([26128, 256])

74 0.0182 0.9100 0.9054 0.9100

weight\_b:Parameter containing:

tensor([[1.1777],

[0.9443],

[1.2927]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8876 test\_f1-mi: 0.8975

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

torch.Size([26128, 256])

75 0.0181 0.9100 0.9046 0.9100

weight\_b:Parameter containing:

tensor([[1.1797],

[0.9445],

[1.2993]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0263]], requires\_grad=True)

test\_f1-ma: 0.8870 test\_f1-mi: 0.8975

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

torch.Size([26128, 256])

76 0.2361 0.8925 0.8869 0.8925

weight\_b:Parameter containing:

tensor([[1.1806],

[0.9414],

[1.3054]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0252]], requires\_grad=True)

test\_f1-ma: 0.8649 test\_f1-mi: 0.8775

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

torch.Size([26128, 256])

77 2.9374 0.7875 0.7848 0.7875

weight\_b:Parameter containing:

tensor([[1.1767],

[0.9366],

[1.3103]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0208]], requires\_grad=True)

test\_f1-ma: 0.7237 test\_f1-mi: 0.7275

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

torch.Size([26128, 256])

78 0.6424 0.8650 0.8416 0.8650

weight\_b:Parameter containing:

tensor([[1.1726],

[0.9315],

[1.3147]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0161]], requires\_grad=True)

test\_f1-ma: 0.8094 test\_f1-mi: 0.8500

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

torch.Size([26128, 256])

79 1.4013 0.8050 0.7621 0.8050

weight\_b:Parameter containing:

tensor([[1.1675],

[0.9252],

[1.3192]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.7779 test\_f1-mi: 0.8225

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

torch.Size([26128, 256])

80 0.2954 0.8700 0.8610 0.8700

weight\_b:Parameter containing:

tensor([[1.1627],

[0.9190],

[1.3234]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0037]], requires\_grad=True)

test\_f1-ma: 0.8239 test\_f1-mi: 0.8475

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

torch.Size([26128, 256])

81 0.0983 0.8650 0.8586 0.8650

weight\_b:Parameter containing:

tensor([[1.1585],

[0.9134],

[1.3273]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0018]], requires\_grad=True)

test\_f1-ma: 0.8383 test\_f1-mi: 0.8500

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

torch.Size([26128, 256])

82 0.3608 0.8250 0.8211 0.8250

weight\_b:Parameter containing:

tensor([[1.1546],

[0.9082],

[1.3306]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0044]], requires\_grad=True)

test\_f1-ma: 0.7760 test\_f1-mi: 0.7850

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

torch.Size([26128, 256])

83 0.4376 0.7925 0.7923 0.7925

weight\_b:Parameter containing:

tensor([[1.1510],

[0.9029],

[1.3332]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0043]], requires\_grad=True)

test\_f1-ma: 0.7630 test\_f1-mi: 0.7675

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

torch.Size([26128, 256])

84 0.2167 0.8400 0.8376 0.8400

weight\_b:Parameter containing:

tensor([[1.1478],

[0.8980],

[1.3354]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0040]], requires\_grad=True)

test\_f1-ma: 0.8124 test\_f1-mi: 0.8200

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

torch.Size([26128, 256])

85 0.1769 0.8275 0.8226 0.8275

weight\_b:Parameter containing:

tensor([[1.1448],

[0.8937],

[1.3373]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0039]], requires\_grad=True)

test\_f1-ma: 0.8149 test\_f1-mi: 0.8225

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

torch.Size([26128, 256])

86 0.1985 0.8325 0.8264 0.8325

weight\_b:Parameter containing:

tensor([[1.1421],

[0.8900],

[1.3388]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0044]], requires\_grad=True)

test\_f1-ma: 0.8018 test\_f1-mi: 0.8100

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

torch.Size([26128, 256])

87 0.1837 0.8325 0.8254 0.8325

weight\_b:Parameter containing:

tensor([[1.1397],

[0.8869],

[1.3401]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.7940 test\_f1-mi: 0.8050

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

torch.Size([26128, 256])

88 0.1338 0.8475 0.8405 0.8475

weight\_b:Parameter containing:

tensor([[1.1375],

[0.8842],

[1.3411]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0061]], requires\_grad=True)

test\_f1-ma: 0.8025 test\_f1-mi: 0.8150

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

torch.Size([26128, 256])

89 0.1375 0.8550 0.8478 0.8550

weight\_b:Parameter containing:

tensor([[1.1353],

[0.8816],

[1.3419]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0060]], requires\_grad=True)

test\_f1-ma: 0.8126 test\_f1-mi: 0.8275

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

torch.Size([26128, 256])

90 0.1454 0.8575 0.8491 0.8575

weight\_b:Parameter containing:

tensor([[1.1332],

[0.8791],

[1.3425]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8182 test\_f1-mi: 0.8325

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

torch.Size([26128, 256])

91 0.0925 0.8625 0.8563 0.8625

weight\_b:Parameter containing:

tensor([[1.1312],

[0.8767],

[1.3430]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0034]], requires\_grad=True)

test\_f1-ma: 0.8178 test\_f1-mi: 0.8325

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

torch.Size([26128, 256])

92 0.0770 0.8650 0.8598 0.8650

weight\_b:Parameter containing:

tensor([[1.1295],

[0.8746],

[1.3434]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0022]], requires\_grad=True)

test\_f1-ma: 0.8274 test\_f1-mi: 0.8400

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

torch.Size([26128, 256])

93 0.0721 0.8600 0.8549 0.8600

weight\_b:Parameter containing:

tensor([[1.1280],

[0.8728],

[1.3438]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0012]], requires\_grad=True)

test\_f1-ma: 0.8233 test\_f1-mi: 0.8325

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

torch.Size([26128, 256])

94 0.0774 0.8550 0.8498 0.8550

weight\_b:Parameter containing:

tensor([[1.1267],

[0.8711],

[1.3441]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0007]], requires\_grad=True)

test\_f1-ma: 0.8138 test\_f1-mi: 0.8225

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

torch.Size([26128, 256])

95 0.0808 0.8575 0.8522 0.8575

weight\_b:Parameter containing:

tensor([[1.1256],

[0.8696],

[1.3443]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0008]], requires\_grad=True)

test\_f1-ma: 0.8123 test\_f1-mi: 0.8200

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

torch.Size([26128, 256])

96 0.0664 0.8625 0.8577 0.8625

weight\_b:Parameter containing:

tensor([[1.1246],

[0.8683],

[1.3446]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8197 test\_f1-mi: 0.8275

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

torch.Size([26128, 256])

97 0.0558 0.8750 0.8700 0.8750

weight\_b:Parameter containing:

tensor([[1.1237],

[0.8671],

[1.3448]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0015]], requires\_grad=True)

test\_f1-ma: 0.8297 test\_f1-mi: 0.8375

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

torch.Size([26128, 256])

98 0.0538 0.8775 0.8730 0.8775

weight\_b:Parameter containing:

tensor([[1.1231],

[0.8661],

[1.3449]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0018]], requires\_grad=True)

test\_f1-ma: 0.8446 test\_f1-mi: 0.8525

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

torch.Size([26128, 256])

99 0.0560 0.8775 0.8736 0.8775

weight\_b:Parameter containing:

tensor([[1.1225],

[0.8651],

[1.3451]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8397 test\_f1-mi: 0.8475

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

torch.Size([26128, 256])

100 0.0584 0.8675 0.8618 0.8675

weight\_b:Parameter containing:

tensor([[1.1221],

[0.8641],

[1.3452]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8359 test\_f1-mi: 0.8450

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

time: 2418.2224721909

[Classification] Macro-F1: 0.8592 (0.0000) | Micro-F1: 0.8675 (0.0000)

[0.8591669847286383, 0.8675]

Test F1-ma: 0.8591669847, F1-mi: 0.8675000000

Process finished with exit code 0