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, 128])

1 1.4537 0.2975 0.2869 0.2975

weight\_b:Parameter containing:

tensor([[0.9950],

[0.9950],

[0.9950]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0047]], requires\_grad=True)

test\_f1-ma: 0.2937 test\_f1-mi: 0.3050

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

torch.Size([26128, 128])

2 1.1192 0.5725 0.5047 0.5725

weight\_b:Parameter containing:

tensor([[0.9931],

[0.9901],

[0.9909]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

test\_f1-ma: 0.5204 test\_f1-mi: 0.6000

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

torch.Size([26128, 128])

3 0.8420 0.7200 0.6942 0.7200

weight\_b:Parameter containing:

tensor([[0.9950],

[0.9862],

[0.9865]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.6977 test\_f1-mi: 0.7350

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

torch.Size([26128, 128])

4 0.6709 0.8250 0.8116 0.8250

weight\_b:Parameter containing:

tensor([[0.9982],

[0.9831],

[0.9825]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0077]], requires\_grad=True)

test\_f1-ma: 0.8055 test\_f1-mi: 0.8250

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

torch.Size([26128, 128])

5 0.5793 0.8625 0.8495 0.8625

weight\_b:Parameter containing:

tensor([[1.0020],

[0.9794],

[0.9784]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0091]], requires\_grad=True)

test\_f1-ma: 0.8294 test\_f1-mi: 0.8450

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

torch.Size([26128, 128])

6 0.5008 0.8675 0.8544 0.8675

weight\_b:Parameter containing:

tensor([[1.0062],

[0.9754],

[0.9740]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8307 test\_f1-mi: 0.8475

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

torch.Size([26128, 128])

7 0.4331 0.8675 0.8558 0.8675

weight\_b:Parameter containing:

tensor([[1.0105],

[0.9716],

[0.9695]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8315 test\_f1-mi: 0.8475

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

torch.Size([26128, 128])

8 0.3803 0.8750 0.8638 0.8750

weight\_b:Parameter containing:

tensor([[1.0150],

[0.9680],

[0.9651]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8323 test\_f1-mi: 0.8475

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

torch.Size([26128, 128])

9 0.3343 0.8725 0.8610 0.8725

weight\_b:Parameter containing:

tensor([[1.0196],

[0.9645],

[0.9609]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0091]], requires\_grad=True)

test\_f1-ma: 0.8343 test\_f1-mi: 0.8500

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

torch.Size([26128, 128])

10 0.2942 0.8850 0.8747 0.8850

weight\_b:Parameter containing:

tensor([[1.0242],

[0.9612],

[0.9569]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0084]], requires\_grad=True)

test\_f1-ma: 0.8409 test\_f1-mi: 0.8550

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

torch.Size([26128, 128])

11 0.2611 0.8825 0.8713 0.8825

weight\_b:Parameter containing:

tensor([[1.0289],

[0.9582],

[0.9532]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0077]], requires\_grad=True)

test\_f1-ma: 0.8436 test\_f1-mi: 0.8575

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

torch.Size([26128, 128])

12 0.2339 0.8875 0.8777 0.8875

weight\_b:Parameter containing:

tensor([[1.0335],

[0.9554],

[0.9497]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0071]], requires\_grad=True)

test\_f1-ma: 0.8471 test\_f1-mi: 0.8600

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

torch.Size([26128, 128])

13 0.2109 0.8950 0.8869 0.8950

weight\_b:Parameter containing:

tensor([[1.0382],

[0.9530],

[0.9465]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8496 test\_f1-mi: 0.8625

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

torch.Size([26128, 128])

14 0.1910 0.8925 0.8841 0.8925

weight\_b:Parameter containing:

tensor([[1.0428],

[0.9509],

[0.9438]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0066]], requires\_grad=True)

test\_f1-ma: 0.8474 test\_f1-mi: 0.8600

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

torch.Size([26128, 128])

15 0.1731 0.8950 0.8864 0.8950

weight\_b:Parameter containing:

tensor([[1.0474],

[0.9492],

[0.9415]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0067]], requires\_grad=True)

test\_f1-ma: 0.8485 test\_f1-mi: 0.8600

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

torch.Size([26128, 128])

16 0.1571 0.8950 0.8861 0.8950

weight\_b:Parameter containing:

tensor([[1.0519],

[0.9478],

[0.9399]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0070]], requires\_grad=True)

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

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

torch.Size([26128, 128])

17 0.1432 0.8975 0.8892 0.8975

weight\_b:Parameter containing:

tensor([[1.0564],

[0.9466],

[0.9388]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0074]], requires\_grad=True)

test\_f1-ma: 0.8447 test\_f1-mi: 0.8575

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

torch.Size([26128, 128])

18 0.1314 0.8975 0.8896 0.8975

weight\_b:Parameter containing:

tensor([[1.0607],

[0.9455],

[0.9383]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0078]], requires\_grad=True)

test\_f1-ma: 0.8489 test\_f1-mi: 0.8625

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

torch.Size([26128, 128])

19 0.1213 0.8925 0.8849 0.8925

weight\_b:Parameter containing:

tensor([[1.0650],

[0.9444],

[0.9384]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0082]], requires\_grad=True)

test\_f1-ma: 0.8492 test\_f1-mi: 0.8625

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

torch.Size([26128, 128])

20 0.1123 0.8950 0.8875 0.8950

weight\_b:Parameter containing:

tensor([[1.0692],

[0.9432],

[0.9389]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0084]], requires\_grad=True)

test\_f1-ma: 0.8463 test\_f1-mi: 0.8600

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

torch.Size([26128, 128])

21 0.1041 0.8950 0.8868 0.8950

weight\_b:Parameter containing:

tensor([[1.0733],

[0.9420],

[0.9399]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0086]], requires\_grad=True)

test\_f1-ma: 0.8467 test\_f1-mi: 0.8600

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

torch.Size([26128, 128])

22 0.0966 0.8950 0.8868 0.8950

weight\_b:Parameter containing:

tensor([[1.0774],

[0.9408],

[0.9414]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0088]], requires\_grad=True)

test\_f1-ma: 0.8529 test\_f1-mi: 0.8650

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

torch.Size([26128, 128])

23 0.0900 0.8950 0.8864 0.8950

weight\_b:Parameter containing:

tensor([[1.0813],

[0.9397],

[0.9433]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0091]], requires\_grad=True)

test\_f1-ma: 0.8529 test\_f1-mi: 0.8650

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

torch.Size([26128, 128])

24 0.0841 0.8975 0.8894 0.8975

weight\_b:Parameter containing:

tensor([[1.0852],

[0.9387],

[0.9455]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0095]], requires\_grad=True)

test\_f1-ma: 0.8559 test\_f1-mi: 0.8675

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

torch.Size([26128, 128])

25 0.0789 0.8975 0.8891 0.8975

weight\_b:Parameter containing:

tensor([[1.0889],

[0.9380],

[0.9481]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8561 test\_f1-mi: 0.8675

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

torch.Size([26128, 128])

26 0.0743 0.8975 0.8891 0.8975

weight\_b:Parameter containing:

tensor([[1.0927],

[0.9375],

[0.9511]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8561 test\_f1-mi: 0.8675

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

torch.Size([26128, 128])

27 0.0701 0.9000 0.8931 0.9000

weight\_b:Parameter containing:

tensor([[1.0963],

[0.9371],

[0.9544]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8510 test\_f1-mi: 0.8625

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

torch.Size([26128, 128])

28 0.0662 0.9000 0.8931 0.9000

weight\_b:Parameter containing:

tensor([[1.0998],

[0.9369],

[0.9581]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8512 test\_f1-mi: 0.8625

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

torch.Size([26128, 128])

29 0.0626 0.9000 0.8927 0.9000

weight\_b:Parameter containing:

tensor([[1.1033],

[0.9368],

[0.9621]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0127]], requires\_grad=True)

test\_f1-ma: 0.8513 test\_f1-mi: 0.8625

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

torch.Size([26128, 128])

30 0.0594 0.9050 0.8973 0.9050

weight\_b:Parameter containing:

tensor([[1.1067],

[0.9366],

[0.9664]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0134]], requires\_grad=True)

test\_f1-ma: 0.8539 test\_f1-mi: 0.8650

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

torch.Size([26128, 128])

31 0.0567 0.9050 0.8977 0.9050

weight\_b:Parameter containing:

tensor([[1.1101],

[0.9363],

[0.9711]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8587 test\_f1-mi: 0.8700

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

torch.Size([26128, 128])

32 0.0543 0.9050 0.8981 0.9050

weight\_b:Parameter containing:

tensor([[1.1133],

[0.9360],

[0.9760]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8553 test\_f1-mi: 0.8675

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

torch.Size([26128, 128])

33 0.0519 0.9025 0.8958 0.9025

weight\_b:Parameter containing:

tensor([[1.1165],

[0.9355],

[0.9812]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0156]], requires\_grad=True)

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

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

torch.Size([26128, 128])

34 0.0515 0.9000 0.8931 0.9000

weight\_b:Parameter containing:

tensor([[1.1197],

[0.9350],

[0.9866]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0163]], requires\_grad=True)

test\_f1-ma: 0.8586 test\_f1-mi: 0.8700

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

torch.Size([26128, 128])

35 0.0526 0.9025 0.8958 0.9025

weight\_b:Parameter containing:

tensor([[1.1227],

[0.9346],

[0.9922]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8594 test\_f1-mi: 0.8725

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

torch.Size([26128, 128])

36 0.0479 0.9025 0.8958 0.9025

weight\_b:Parameter containing:

tensor([[1.1258],

[0.9339],

[0.9981]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0178]], requires\_grad=True)

test\_f1-ma: 0.8567 test\_f1-mi: 0.8700

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

torch.Size([26128, 128])

37 0.0457 0.8975 0.8903 0.8975

weight\_b:Parameter containing:

tensor([[1.1287],

[0.9327],

[1.0041]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8592 test\_f1-mi: 0.8700

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

torch.Size([26128, 128])

38 0.0458 0.8975 0.8912 0.8975

weight\_b:Parameter containing:

tensor([[1.1316],

[0.9309],

[1.0104]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0188]], requires\_grad=True)

test\_f1-ma: 0.8645 test\_f1-mi: 0.8750

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

torch.Size([26128, 128])

39 0.0447 0.8950 0.8881 0.8950

weight\_b:Parameter containing:

tensor([[1.1345],

[0.9298],

[1.0168]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0194]], requires\_grad=True)

test\_f1-ma: 0.8561 test\_f1-mi: 0.8675

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

torch.Size([26128, 128])

40 0.0443 0.8975 0.8905 0.8975

weight\_b:Parameter containing:

tensor([[1.1373],

[0.9293],

[1.0233]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0199]], requires\_grad=True)

test\_f1-ma: 0.8561 test\_f1-mi: 0.8675

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

torch.Size([26128, 128])

41 0.0407 0.8950 0.8883 0.8950

weight\_b:Parameter containing:

tensor([[1.1401],

[0.9291],

[1.0299]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8634 test\_f1-mi: 0.8750

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

torch.Size([26128, 128])

42 0.0401 0.8925 0.8852 0.8925

weight\_b:Parameter containing:

tensor([[1.1429],

[0.9284],

[1.0366]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8673 test\_f1-mi: 0.8775

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

torch.Size([26128, 128])

43 0.0377 0.8925 0.8851 0.8925

weight\_b:Parameter containing:

tensor([[1.1456],

[0.9275],

[1.0435]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0216]], requires\_grad=True)

test\_f1-ma: 0.8633 test\_f1-mi: 0.8750

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

torch.Size([26128, 128])

44 0.0372 0.8875 0.8801 0.8875

weight\_b:Parameter containing:

tensor([[1.1482],

[0.9266],

[1.0504]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0221]], requires\_grad=True)

test\_f1-ma: 0.8541 test\_f1-mi: 0.8675

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

torch.Size([26128, 128])

45 0.0366 0.8900 0.8829 0.8900

weight\_b:Parameter containing:

tensor([[1.1509],

[0.9258],

[1.0574]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0227]], requires\_grad=True)

test\_f1-ma: 0.8509 test\_f1-mi: 0.8650

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

torch.Size([26128, 128])

46 0.0351 0.8925 0.8851 0.8925

weight\_b:Parameter containing:

tensor([[1.1535],

[0.9252],

[1.0645]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([26128, 128])

47 0.0344 0.8925 0.8851 0.8925

weight\_b:Parameter containing:

tensor([[1.1561],

[0.9247],

[1.0717]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0241]], requires\_grad=True)

test\_f1-ma: 0.8602 test\_f1-mi: 0.8725

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

torch.Size([26128, 128])

48 0.0330 0.8900 0.8827 0.8900

weight\_b:Parameter containing:

tensor([[1.1586],

[0.9245],

[1.0790]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8635 test\_f1-mi: 0.8750

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

torch.Size([26128, 128])

49 0.0318 0.8900 0.8828 0.8900

weight\_b:Parameter containing:

tensor([[1.1611],

[0.9242],

[1.0863]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0256]], requires\_grad=True)

test\_f1-ma: 0.8602 test\_f1-mi: 0.8725

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

torch.Size([26128, 128])

50 0.0310 0.8900 0.8828 0.8900

weight\_b:Parameter containing:

tensor([[1.1636],

[0.9237],

[1.0938]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8581 test\_f1-mi: 0.8700

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

torch.Size([26128, 128])

51 0.0299 0.8900 0.8828 0.8900

weight\_b:Parameter containing:

tensor([[1.1661],

[0.9233],

[1.1012]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0271]], requires\_grad=True)

test\_f1-ma: 0.8575 test\_f1-mi: 0.8700

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

torch.Size([26128, 128])

52 0.0292 0.8900 0.8827 0.8900

weight\_b:Parameter containing:

tensor([[1.1686],

[0.9231],

[1.1087]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0280]], requires\_grad=True)

test\_f1-ma: 0.8611 test\_f1-mi: 0.8725

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

torch.Size([26128, 128])

53 0.0281 0.8925 0.8851 0.8925

weight\_b:Parameter containing:

tensor([[1.1710],

[0.9230],

[1.1163]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0288]], requires\_grad=True)

test\_f1-ma: 0.8642 test\_f1-mi: 0.8750

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

torch.Size([26128, 128])

54 0.0272 0.8900 0.8824 0.8900

weight\_b:Parameter containing:

tensor([[1.1734],

[0.9226],

[1.1240]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0297]], requires\_grad=True)

test\_f1-ma: 0.8616 test\_f1-mi: 0.8725

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

torch.Size([26128, 128])

55 0.0262 0.8900 0.8824 0.8900

weight\_b:Parameter containing:

tensor([[1.1757],

[0.9220],

[1.1316]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0306]], requires\_grad=True)

test\_f1-ma: 0.8642 test\_f1-mi: 0.8750

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

torch.Size([26128, 128])

56 0.0281 0.8925 0.8851 0.8925

weight\_b:Parameter containing:

tensor([[1.1781],

[0.9223],

[1.1393]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0316]], requires\_grad=True)

test\_f1-ma: 0.8642 test\_f1-mi: 0.8750

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

torch.Size([26128, 128])

57 0.0969 0.8850 0.8799 0.8850

weight\_b:Parameter containing:

tensor([[1.1801],

[0.9189],

[1.1472]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0310]], requires\_grad=True)

test\_f1-ma: 0.8551 test\_f1-mi: 0.8675

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

torch.Size([26128, 128])

58 0.0504 0.8875 0.8814 0.8875

weight\_b:Parameter containing:

tensor([[1.1820],

[0.9155],

[1.1552]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0303]], requires\_grad=True)

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

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

torch.Size([26128, 128])

59 0.0724 0.8850 0.8786 0.8850

weight\_b:Parameter containing:

tensor([[1.1839],

[0.9111],

[1.1633]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0292]], requires\_grad=True)

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

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

torch.Size([26128, 128])

60 0.0345 0.8925 0.8846 0.8925

weight\_b:Parameter containing:

tensor([[1.1858],

[0.9075],

[1.1714]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0283]], requires\_grad=True)

test\_f1-ma: 0.8590 test\_f1-mi: 0.8750

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

torch.Size([26128, 128])

61 0.0566 0.8925 0.8870 0.8925

weight\_b:Parameter containing:

tensor([[1.1876],

[0.9045],

[1.1794]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8563 test\_f1-mi: 0.8700

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

torch.Size([26128, 128])

62 0.0564 0.8825 0.8772 0.8825

weight\_b:Parameter containing:

tensor([[1.1891],

[0.9007],

[1.1875]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8587 test\_f1-mi: 0.8700

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torch.Size([26128, 128])

63 0.0420 0.8800 0.8741 0.8800

weight\_b:Parameter containing:

tensor([[1.1907],

[0.8968],

[1.1956]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8580 test\_f1-mi: 0.8675

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

torch.Size([26128, 128])

64 0.0312 0.8800 0.8743 0.8800

weight\_b:Parameter containing:

tensor([[1.1923],

[0.8930],

[1.2037]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0217]], requires\_grad=True)

test\_f1-ma: 0.8515 test\_f1-mi: 0.8625

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

torch.Size([26128, 128])

65 0.0342 0.8825 0.8766 0.8825

weight\_b:Parameter containing:

tensor([[1.1941],

[0.8896],

[1.2115]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0203]], requires\_grad=True)

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

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

torch.Size([26128, 128])

66 0.0375 0.8850 0.8797 0.8850

weight\_b:Parameter containing:

tensor([[1.1959],

[0.8867],

[1.2193]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0194]], requires\_grad=True)

test\_f1-ma: 0.8472 test\_f1-mi: 0.8600

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

torch.Size([26128, 128])

67 0.0416 0.8800 0.8753 0.8800

weight\_b:Parameter containing:

tensor([[1.1978],

[0.8843],

[1.2269]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8432 test\_f1-mi: 0.8550

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

torch.Size([26128, 128])

68 0.0368 0.8825 0.8784 0.8825

weight\_b:Parameter containing:

tensor([[1.1998],

[0.8824],

[1.2345]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([26128, 128])

69 0.0323 0.8775 0.8728 0.8775

weight\_b:Parameter containing:

tensor([[1.2019],

[0.8809],

[1.2420]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0191]], requires\_grad=True)

test\_f1-ma: 0.8507 test\_f1-mi: 0.8625

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

torch.Size([26128, 128])

70 0.0305 0.8725 0.8677 0.8725

weight\_b:Parameter containing:

tensor([[1.2040],

[0.8796],

[1.2493]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0195]], requires\_grad=True)

test\_f1-ma: 0.8554 test\_f1-mi: 0.8650

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

torch.Size([26128, 128])

71 0.0296 0.8775 0.8723 0.8775

weight\_b:Parameter containing:

tensor([[1.2062],

[0.8784],

[1.2565]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0200]], requires\_grad=True)

test\_f1-ma: 0.8448 test\_f1-mi: 0.8550

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

torch.Size([26128, 128])

72 0.0293 0.8900 0.8864 0.8900

weight\_b:Parameter containing:

tensor([[1.2083],

[0.8773],

[1.2637]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8439 test\_f1-mi: 0.8550

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

torch.Size([26128, 128])

73 0.0291 0.8875 0.8838 0.8875

weight\_b:Parameter containing:

tensor([[1.2105],

[0.8761],

[1.2708]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0213]], requires\_grad=True)

test\_f1-ma: 0.8401 test\_f1-mi: 0.8525

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

torch.Size([26128, 128])

74 0.0286 0.8875 0.8837 0.8875

weight\_b:Parameter containing:

tensor([[1.2126],

[0.8748],

[1.2778]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8428 test\_f1-mi: 0.8550

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

torch.Size([26128, 128])

75 0.0272 0.8975 0.8941 0.8975

weight\_b:Parameter containing:

tensor([[1.2147],

[0.8735],

[1.2848]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0225]], requires\_grad=True)

test\_f1-ma: 0.8428 test\_f1-mi: 0.8550

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

torch.Size([26128, 128])

76 0.0254 0.8975 0.8940 0.8975

weight\_b:Parameter containing:

tensor([[1.2168],

[0.8721],

[1.2918]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0232]], requires\_grad=True)

test\_f1-ma: 0.8485 test\_f1-mi: 0.8600

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

torch.Size([26128, 128])

77 0.0251 0.8950 0.8918 0.8950

weight\_b:Parameter containing:

tensor([[1.2189],

[0.8710],

[1.2988]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0241]], requires\_grad=True)

test\_f1-ma: 0.8536 test\_f1-mi: 0.8650

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

torch.Size([26128, 128])

78 0.0248 0.8875 0.8821 0.8875

weight\_b:Parameter containing:

tensor([[1.2210],

[0.8697],

[1.3058]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0249]], requires\_grad=True)

test\_f1-ma: 0.8578 test\_f1-mi: 0.8700

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

torch.Size([26128, 128])

79 0.0284 0.8875 0.8813 0.8875

weight\_b:Parameter containing:

tensor([[1.2231],

[0.8680],

[1.3128]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8539 test\_f1-mi: 0.8675

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

torch.Size([26128, 128])

80 0.0265 0.8950 0.8887 0.8950

weight\_b:Parameter containing:

tensor([[1.2250],

[0.8664],

[1.3198]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0260]], requires\_grad=True)

test\_f1-ma: 0.8622 test\_f1-mi: 0.8750

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

torch.Size([26128, 128])

81 0.0248 0.8950 0.8909 0.8950

weight\_b:Parameter containing:

tensor([[1.2270],

[0.8651],

[1.3268]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0266]], requires\_grad=True)

test\_f1-ma: 0.8532 test\_f1-mi: 0.8625

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

torch.Size([26128, 128])

82 0.0272 0.8850 0.8804 0.8850

weight\_b:Parameter containing:

tensor([[1.2290],

[0.8640],

[1.3339]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0273]], requires\_grad=True)

test\_f1-ma: 0.8543 test\_f1-mi: 0.8625

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

torch.Size([26128, 128])

83 0.0217 0.8825 0.8779 0.8825

weight\_b:Parameter containing:

tensor([[1.2309],

[0.8631],

[1.3409]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0280]], requires\_grad=True)

test\_f1-ma: 0.8604 test\_f1-mi: 0.8700

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

torch.Size([26128, 128])

84 0.0206 0.8975 0.8934 0.8975

weight\_b:Parameter containing:

tensor([[1.2328],

[0.8621],

[1.3479]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0286]], requires\_grad=True)

test\_f1-ma: 0.8635 test\_f1-mi: 0.8725

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

torch.Size([26128, 128])

85 0.0185 0.8950 0.8903 0.8950

weight\_b:Parameter containing:

tensor([[1.2346],

[0.8611],

[1.3547]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0292]], requires\_grad=True)

test\_f1-ma: 0.8665 test\_f1-mi: 0.8750

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

torch.Size([26128, 128])

86 0.0181 0.9000 0.8954 0.9000

weight\_b:Parameter containing:

tensor([[1.2364],

[0.8600],

[1.3614]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0298]], requires\_grad=True)

test\_f1-ma: 0.8717 test\_f1-mi: 0.8800

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

torch.Size([26128, 128])

87 0.0177 0.9025 0.8983 0.9025

weight\_b:Parameter containing:

tensor([[1.2382],

[0.8588],

[1.3680]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0304]], requires\_grad=True)

test\_f1-ma: 0.8760 test\_f1-mi: 0.8850

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

torch.Size([26128, 128])

88 0.0170 0.9000 0.8957 0.9000

weight\_b:Parameter containing:

tensor([[1.2400],

[0.8577],

[1.3745]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0310]], requires\_grad=True)

test\_f1-ma: 0.8729 test\_f1-mi: 0.8825

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

torch.Size([26128, 128])

89 0.0162 0.9050 0.9010 0.9050

weight\_b:Parameter containing:

tensor([[1.2418],

[0.8567],

[1.3809]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0317]], requires\_grad=True)

test\_f1-ma: 0.8698 test\_f1-mi: 0.8800

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

torch.Size([26128, 128])

90 0.0176 0.9075 0.9041 0.9075

weight\_b:Parameter containing:

tensor([[1.2434],

[0.8560],

[1.3874]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0325]], requires\_grad=True)

test\_f1-ma: 0.8704 test\_f1-mi: 0.8800

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

torch.Size([26128, 128])

91 0.0153 0.9025 0.8989 0.9025

weight\_b:Parameter containing:

tensor([[1.2451],

[0.8554],

[1.3938]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0333]], requires\_grad=True)

test\_f1-ma: 0.8732 test\_f1-mi: 0.8825

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

torch.Size([26128, 128])

92 0.0148 0.9000 0.8960 0.9000

weight\_b:Parameter containing:

tensor([[1.2467],

[0.8548],

[1.4002]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0341]], requires\_grad=True)

test\_f1-ma: 0.8784 test\_f1-mi: 0.8875

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

torch.Size([26128, 128])

93 0.0144 0.9000 0.8960 0.9000

weight\_b:Parameter containing:

tensor([[1.2484],

[0.8542],

[1.4065]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0349]], requires\_grad=True)

test\_f1-ma: 0.8758 test\_f1-mi: 0.8850

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

torch.Size([26128, 128])

94 0.0141 0.9025 0.8983 0.9025

weight\_b:Parameter containing:

tensor([[1.2500],

[0.8536],

[1.4127]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0357]], requires\_grad=True)

test\_f1-ma: 0.8780 test\_f1-mi: 0.8875

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

torch.Size([26128, 128])

95 0.0137 0.9025 0.8983 0.9025

weight\_b:Parameter containing:

tensor([[1.2515],

[0.8529],

[1.4188]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0365]], requires\_grad=True)

test\_f1-ma: 0.8805 test\_f1-mi: 0.8900

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

torch.Size([26128, 128])

96 0.0134 0.9100 0.9067 0.9100

weight\_b:Parameter containing:

tensor([[1.2531],

[0.8522],

[1.4248]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0373]], requires\_grad=True)

test\_f1-ma: 0.8856 test\_f1-mi: 0.8950

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

torch.Size([26128, 128])

97 0.0131 0.9100 0.9061 0.9100

weight\_b:Parameter containing:

tensor([[1.2546],

[0.8517],

[1.4308]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0381]], requires\_grad=True)

test\_f1-ma: 0.8825 test\_f1-mi: 0.8925

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

torch.Size([26128, 128])

98 0.0128 0.9125 0.9086 0.9125

weight\_b:Parameter containing:

tensor([[1.2561],

[0.8512],

[1.4368]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0389]], requires\_grad=True)

test\_f1-ma: 0.8860 test\_f1-mi: 0.8950

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

torch.Size([26128, 128])

99 0.0125 0.9125 0.9086 0.9125

weight\_b:Parameter containing:

tensor([[1.2575],

[0.8507],

[1.4427]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0397]], requires\_grad=True)

test\_f1-ma: 0.8831 test\_f1-mi: 0.8925

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

torch.Size([26128, 128])

100 0.0120 0.9150 0.9112 0.9150

weight\_b:Parameter containing:

tensor([[1.2590],

[0.8503],

[1.4486]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0405]], requires\_grad=True)

test\_f1-ma: 0.8907 test\_f1-mi: 0.9000

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

time: 1834.6483774185

[Classification] Macro-F1: 0.8907 (0.0000) | Micro-F1: 0.9000 (0.0000)

[0.8906950905652921, 0.9]

Test F1-ma: 0.8906950906, F1-mi: 0.9000000000

Process finished with exit code 0