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, 64])

1 1.7201 0.2425 0.2160 0.2425

weight\_b:Parameter containing:

tensor([[0.9950],

[0.9950],

[0.9950]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2180 test\_f1-mi: 0.2375

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

torch.Size([26128, 64])

2 1.3679 0.4650 0.4000 0.4650

weight\_b:Parameter containing:

tensor([[0.9902],

[0.9911],

[0.9901]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0103]], requires\_grad=True)

test\_f1-ma: 0.4136 test\_f1-mi: 0.4825

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

torch.Size([26128, 64])

3 1.0693 0.5775 0.5104 0.5775

weight\_b:Parameter containing:

tensor([[0.9869],

[0.9871],

[0.9860]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.5851 test\_f1-mi: 0.6475

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

torch.Size([26128, 64])

4 0.8534 0.7000 0.6791 0.7000

weight\_b:Parameter containing:

tensor([[0.9856],

[0.9838],

[0.9822]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.6940 test\_f1-mi: 0.7225

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

torch.Size([26128, 64])

5 0.7362 0.7775 0.7671 0.7775

weight\_b:Parameter containing:

tensor([[0.9859],

[0.9811],

[0.9781]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.7744 test\_f1-mi: 0.7875

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

torch.Size([26128, 64])

6 0.6546 0.8425 0.8351 0.8425

weight\_b:Parameter containing:

tensor([[0.9872],

[0.9788],

[0.9737]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8036 test\_f1-mi: 0.8150

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

torch.Size([26128, 64])

7 0.5902 0.8600 0.8535 0.8600

weight\_b:Parameter containing:

tensor([[0.9893],

[0.9768],

[0.9691]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8263 test\_f1-mi: 0.8350

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

torch.Size([26128, 64])

8 0.5353 0.8700 0.8644 0.8700

weight\_b:Parameter containing:

tensor([[0.9920],

[0.9750],

[0.9643]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0016]], requires\_grad=True)

test\_f1-ma: 0.8402 test\_f1-mi: 0.8500

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

torch.Size([26128, 64])

9 0.4865 0.8750 0.8688 0.8750

weight\_b:Parameter containing:

tensor([[0.9950],

[0.9734],

[0.9594]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0023]], requires\_grad=True)

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

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

torch.Size([26128, 64])

10 0.4438 0.8700 0.8629 0.8700

weight\_b:Parameter containing:

tensor([[0.9984],

[0.9719],

[0.9545]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0029]], requires\_grad=True)

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

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

torch.Size([26128, 64])

11 0.4066 0.8725 0.8653 0.8725

weight\_b:Parameter containing:

tensor([[1.0019],

[0.9705],

[0.9494]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0031]], requires\_grad=True)

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

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

torch.Size([26128, 64])

12 0.3738 0.8750 0.8670 0.8750

weight\_b:Parameter containing:

tensor([[1.0057],

[0.9692],

[0.9443]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0030]], requires\_grad=True)

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

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

torch.Size([26128, 64])

13 0.3443 0.8800 0.8719 0.8800

weight\_b:Parameter containing:

tensor([[1.0096],

[0.9679],

[0.9392]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8617 test\_f1-mi: 0.8750

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

torch.Size([26128, 64])

14 0.3175 0.8875 0.8798 0.8875

weight\_b:Parameter containing:

tensor([[1.0136],

[0.9667],

[0.9341]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0020]], requires\_grad=True)

test\_f1-ma: 0.8614 test\_f1-mi: 0.8750

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

torch.Size([26128, 64])

15 0.2930 0.8925 0.8844 0.8925

weight\_b:Parameter containing:

tensor([[1.0177],

[0.9656],

[0.9291]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8600 test\_f1-mi: 0.8725

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

torch.Size([26128, 64])

16 0.2710 0.8975 0.8901 0.8975

weight\_b:Parameter containing:

tensor([[1.0218],

[0.9646],

[0.9243]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0002]], requires\_grad=True)

test\_f1-ma: 0.8612 test\_f1-mi: 0.8725

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

torch.Size([26128, 64])

17 0.2515 0.8975 0.8904 0.8975

weight\_b:Parameter containing:

tensor([[1.0260],

[0.9636],

[0.9196]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0009]], requires\_grad=True)

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

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

torch.Size([26128, 64])

18 0.2345 0.9000 0.8929 0.9000

weight\_b:Parameter containing:

tensor([[1.0302],

[0.9627],

[0.9153]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0017]], requires\_grad=True)

test\_f1-ma: 0.8558 test\_f1-mi: 0.8675

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

torch.Size([26128, 64])

19 0.2200 0.9000 0.8929 0.9000

weight\_b:Parameter containing:

tensor([[1.0343],

[0.9619],

[0.9111]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0024]], requires\_grad=True)

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

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

torch.Size([26128, 64])

20 0.2062 0.8975 0.8902 0.8975

weight\_b:Parameter containing:

tensor([[1.0385],

[0.9611],

[0.9073]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0028]], requires\_grad=True)

test\_f1-ma: 0.8554 test\_f1-mi: 0.8675

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

torch.Size([26128, 64])

21 0.1931 0.9000 0.8929 0.9000

weight\_b:Parameter containing:

tensor([[1.0426],

[0.9604],

[0.9037]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0031]], requires\_grad=True)

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

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

torch.Size([26128, 64])

22 0.1817 0.9025 0.8954 0.9025

weight\_b:Parameter containing:

tensor([[1.0468],

[0.9597],

[0.9003]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([26128, 64])

23 0.1713 0.9050 0.8981 0.9050

weight\_b:Parameter containing:

tensor([[1.0509],

[0.9591],

[0.8971]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([26128, 64])

24 0.1619 0.9050 0.8982 0.9050

weight\_b:Parameter containing:

tensor([[1.0549],

[0.9586],

[0.8941]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0042]], requires\_grad=True)

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

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

torch.Size([26128, 64])

25 0.1532 0.9050 0.8982 0.9050

weight\_b:Parameter containing:

tensor([[1.0589],

[0.9582],

[0.8913]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8589 test\_f1-mi: 0.8700

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

torch.Size([26128, 64])

26 0.1452 0.9050 0.8982 0.9050

weight\_b:Parameter containing:

tensor([[1.0629],

[0.9578],

[0.8886]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8564 test\_f1-mi: 0.8675

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

torch.Size([26128, 64])

27 0.1379 0.9050 0.8982 0.9050

weight\_b:Parameter containing:

tensor([[1.0669],

[0.9575],

[0.8861]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0058]], requires\_grad=True)

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

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

torch.Size([26128, 64])

28 0.1311 0.9000 0.8932 0.9000

weight\_b:Parameter containing:

tensor([[1.0707],

[0.9572],

[0.8838]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0065]], requires\_grad=True)

test\_f1-ma: 0.8552 test\_f1-mi: 0.8675

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

torch.Size([26128, 64])

29 0.1250 0.8975 0.8908 0.8975

weight\_b:Parameter containing:

tensor([[1.0746],

[0.9570],

[0.8817]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8552 test\_f1-mi: 0.8675

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

torch.Size([26128, 64])

30 0.1194 0.8975 0.8909 0.8975

weight\_b:Parameter containing:

tensor([[1.0784],

[0.9568],

[0.8797]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8530 test\_f1-mi: 0.8650

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

torch.Size([26128, 64])

31 0.1142 0.8975 0.8909 0.8975

weight\_b:Parameter containing:

tensor([[1.0821],

[0.9566],

[0.8780]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8563 test\_f1-mi: 0.8675

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

torch.Size([26128, 64])

32 0.1092 0.8975 0.8909 0.8975

weight\_b:Parameter containing:

tensor([[1.0858],

[0.9564],

[0.8765]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0087]], requires\_grad=True)

test\_f1-ma: 0.8564 test\_f1-mi: 0.8675

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

torch.Size([26128, 64])

33 0.1046 0.8975 0.8909 0.8975

weight\_b:Parameter containing:

tensor([[1.0894],

[0.9562],

[0.8752]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0092]], requires\_grad=True)

test\_f1-ma: 0.8564 test\_f1-mi: 0.8675

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

torch.Size([26128, 64])

34 0.1004 0.8975 0.8909 0.8975

weight\_b:Parameter containing:

tensor([[1.0930],

[0.9560],

[0.8741]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0097]], requires\_grad=True)

test\_f1-ma: 0.8589 test\_f1-mi: 0.8700

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

torch.Size([26128, 64])

35 0.0965 0.9000 0.8937 0.9000

weight\_b:Parameter containing:

tensor([[1.0965],

[0.9558],

[0.8733]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0101]], requires\_grad=True)

test\_f1-ma: 0.8531 test\_f1-mi: 0.8650

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

torch.Size([26128, 64])

36 0.0929 0.9025 0.8961 0.9025

weight\_b:Parameter containing:

tensor([[1.1000],

[0.9557],

[0.8728]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0106]], requires\_grad=True)

test\_f1-ma: 0.8531 test\_f1-mi: 0.8650

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

torch.Size([26128, 64])

37 0.0896 0.9050 0.8991 0.9050

weight\_b:Parameter containing:

tensor([[1.1035],

[0.9557],

[0.8725]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([26128, 64])

38 0.0865 0.9050 0.8991 0.9050

weight\_b:Parameter containing:

tensor([[1.1069],

[0.9556],

[0.8725]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([26128, 64])

39 0.0836 0.9050 0.8996 0.9050

weight\_b:Parameter containing:

tensor([[1.1102],

[0.9557],

[0.8728]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8580 test\_f1-mi: 0.8700

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

torch.Size([26128, 64])

40 0.0808 0.9050 0.8996 0.9050

weight\_b:Parameter containing:

tensor([[1.1135],

[0.9557],

[0.8734]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8580 test\_f1-mi: 0.8700

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

torch.Size([26128, 64])

41 0.0782 0.9025 0.8968 0.9025

weight\_b:Parameter containing:

tensor([[1.1168],

[0.9557],

[0.8744]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([26128, 64])

42 0.0758 0.9025 0.8968 0.9025

weight\_b:Parameter containing:

tensor([[1.1200],

[0.9558],

[0.8757]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8577 test\_f1-mi: 0.8700

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

torch.Size([26128, 64])

43 0.0735 0.9000 0.8943 0.9000

weight\_b:Parameter containing:

tensor([[1.1232],

[0.9558],

[0.8774]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([26128, 64])

44 0.0714 0.8975 0.8915 0.8975

weight\_b:Parameter containing:

tensor([[1.1264],

[0.9559],

[0.8795]], 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, 64])

45 0.0695 0.8975 0.8915 0.8975

weight\_b:Parameter containing:

tensor([[1.1295],

[0.9560],

[0.8821]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0155]], requires\_grad=True)

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

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

torch.Size([26128, 64])

46 0.0675 0.8975 0.8915 0.8975

weight\_b:Parameter containing:

tensor([[1.1325],

[0.9562],

[0.8850]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8554 test\_f1-mi: 0.8675

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

torch.Size([26128, 64])

47 0.0657 0.9000 0.8947 0.9000

weight\_b:Parameter containing:

tensor([[1.1356],

[0.9564],

[0.8883]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0166]], requires\_grad=True)

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

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

torch.Size([26128, 64])

48 0.0639 0.9025 0.8971 0.9025

weight\_b:Parameter containing:

tensor([[1.1386],

[0.9566],

[0.8920]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0173]], requires\_grad=True)

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

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

torch.Size([26128, 64])

49 0.0622 0.9025 0.8971 0.9025

weight\_b:Parameter containing:

tensor([[1.1416],

[0.9569],

[0.8961]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0179]], requires\_grad=True)

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

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

torch.Size([26128, 64])

50 0.0606 0.9025 0.8971 0.9025

weight\_b:Parameter containing:

tensor([[1.1445],

[0.9572],

[0.9006]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0186]], requires\_grad=True)

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

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

torch.Size([26128, 64])

51 0.0590 0.9000 0.8944 0.9000

weight\_b:Parameter containing:

tensor([[1.1474],

[0.9575],

[0.9054]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0192]], requires\_grad=True)

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

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

torch.Size([26128, 64])

52 0.0574 0.9000 0.8944 0.9000

weight\_b:Parameter containing:

tensor([[1.1503],

[0.9578],

[0.9107]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0198]], requires\_grad=True)

test\_f1-ma: 0.8558 test\_f1-mi: 0.8675

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

torch.Size([26128, 64])

53 0.0559 0.8975 0.8919 0.8975

weight\_b:Parameter containing:

tensor([[1.1531],

[0.9581],

[0.9163]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8560 test\_f1-mi: 0.8675

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

torch.Size([26128, 64])

54 0.0545 0.8975 0.8919 0.8975

weight\_b:Parameter containing:

tensor([[1.1560],

[0.9585],

[0.9222]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0212]], requires\_grad=True)

test\_f1-ma: 0.8560 test\_f1-mi: 0.8675

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

torch.Size([26128, 64])

55 0.0531 0.8975 0.8919 0.8975

weight\_b:Parameter containing:

tensor([[1.1588],

[0.9589],

[0.9285]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8534 test\_f1-mi: 0.8650

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

torch.Size([26128, 64])

56 0.0517 0.8925 0.8872 0.8925

weight\_b:Parameter containing:

tensor([[1.1615],

[0.9593],

[0.9350]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0226]], requires\_grad=True)

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

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

torch.Size([26128, 64])

57 0.0504 0.8925 0.8872 0.8925

weight\_b:Parameter containing:

tensor([[1.1642],

[0.9597],

[0.9419]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0233]], requires\_grad=True)

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

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

torch.Size([26128, 64])

58 0.0491 0.8900 0.8843 0.8900

weight\_b:Parameter containing:

tensor([[1.1669],

[0.9602],

[0.9489]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0240]], requires\_grad=True)

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

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

torch.Size([26128, 64])

59 0.0478 0.8875 0.8818 0.8875

weight\_b:Parameter containing:

tensor([[1.1696],

[0.9606],

[0.9563]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0247]], requires\_grad=True)

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

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

torch.Size([26128, 64])

60 0.0465 0.8875 0.8818 0.8875

weight\_b:Parameter containing:

tensor([[1.1722],

[0.9610],

[0.9638]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0254]], requires\_grad=True)

test\_f1-ma: 0.8531 test\_f1-mi: 0.8650

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

torch.Size([26128, 64])

61 0.0452 0.8875 0.8818 0.8875

weight\_b:Parameter containing:

tensor([[1.1748],

[0.9615],

[0.9715]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8531 test\_f1-mi: 0.8650

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

torch.Size([26128, 64])

62 0.0440 0.8875 0.8818 0.8875

weight\_b:Parameter containing:

tensor([[1.1774],

[0.9620],

[0.9794]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0269]], requires\_grad=True)

test\_f1-ma: 0.8531 test\_f1-mi: 0.8650

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

torch.Size([26128, 64])

63 0.0428 0.8875 0.8818 0.8875

weight\_b:Parameter containing:

tensor([[1.1800],

[0.9624],

[0.9874]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0277]], requires\_grad=True)

test\_f1-ma: 0.8552 test\_f1-mi: 0.8675

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

torch.Size([26128, 64])

64 0.0416 0.8875 0.8818 0.8875

weight\_b:Parameter containing:

tensor([[1.1825],

[0.9629],

[0.9956]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0284]], requires\_grad=True)

test\_f1-ma: 0.8577 test\_f1-mi: 0.8700

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

torch.Size([26128, 64])

65 0.0404 0.8875 0.8818 0.8875

weight\_b:Parameter containing:

tensor([[1.1850],

[0.9633],

[1.0039]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8603 test\_f1-mi: 0.8725

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

torch.Size([26128, 64])

66 0.0393 0.8925 0.8866 0.8925

weight\_b:Parameter containing:

tensor([[1.1874],

[0.9637],

[1.0124]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0299]], requires\_grad=True)

test\_f1-ma: 0.8636 test\_f1-mi: 0.8750

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

torch.Size([26128, 64])

67 0.0381 0.8925 0.8866 0.8925

weight\_b:Parameter containing:

tensor([[1.1898],

[0.9641],

[1.0209]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0307]], requires\_grad=True)

test\_f1-ma: 0.8636 test\_f1-mi: 0.8750

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

torch.Size([26128, 64])

68 0.0370 0.8925 0.8866 0.8925

weight\_b:Parameter containing:

tensor([[1.1922],

[0.9645],

[1.0295]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8653 test\_f1-mi: 0.8775

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

torch.Size([26128, 64])

69 0.0359 0.8925 0.8866 0.8925

weight\_b:Parameter containing:

tensor([[1.1946],

[0.9648],

[1.0383]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0323]], requires\_grad=True)

test\_f1-ma: 0.8686 test\_f1-mi: 0.8800

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

torch.Size([26128, 64])

70 0.0348 0.8900 0.8838 0.8900

weight\_b:Parameter containing:

tensor([[1.1969],

[0.9652],

[1.0471]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0330]], requires\_grad=True)

test\_f1-ma: 0.8686 test\_f1-mi: 0.8800

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

torch.Size([26128, 64])

71 0.0338 0.8900 0.8838 0.8900

weight\_b:Parameter containing:

tensor([[1.1992],

[0.9654],

[1.0560]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0338]], requires\_grad=True)

test\_f1-ma: 0.8710 test\_f1-mi: 0.8825

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

torch.Size([26128, 64])

72 0.0327 0.8950 0.8890 0.8950

weight\_b:Parameter containing:

tensor([[1.2015],

[0.9657],

[1.0650]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8676 test\_f1-mi: 0.8800

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

torch.Size([26128, 64])

73 0.0317 0.8950 0.8890 0.8950

weight\_b:Parameter containing:

tensor([[1.2037],

[0.9659],

[1.0740]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0354]], requires\_grad=True)

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

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

torch.Size([26128, 64])

74 0.0306 0.8950 0.8879 0.8950

weight\_b:Parameter containing:

tensor([[1.2059],

[0.9661],

[1.0831]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0361]], requires\_grad=True)

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

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

torch.Size([26128, 64])

75 0.0296 0.8950 0.8885 0.8950

weight\_b:Parameter containing:

tensor([[1.2081],

[0.9663],

[1.0922]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0369]], requires\_grad=True)

test\_f1-ma: 0.8598 test\_f1-mi: 0.8725

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

torch.Size([26128, 64])

76 0.0287 0.8975 0.8916 0.8975

weight\_b:Parameter containing:

tensor([[1.2102],

[0.9664],

[1.1014]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0377]], requires\_grad=True)

test\_f1-ma: 0.8623 test\_f1-mi: 0.8750

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

torch.Size([26128, 64])

77 0.0277 0.8975 0.8916 0.8975

weight\_b:Parameter containing:

tensor([[1.2123],

[0.9665],

[1.1106]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0385]], requires\_grad=True)

test\_f1-ma: 0.8623 test\_f1-mi: 0.8750

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

torch.Size([26128, 64])

78 0.0267 0.8950 0.8891 0.8950

weight\_b:Parameter containing:

tensor([[1.2143],

[0.9666],

[1.1198]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0393]], requires\_grad=True)

test\_f1-ma: 0.8623 test\_f1-mi: 0.8750

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

torch.Size([26128, 64])

79 0.0258 0.8975 0.8916 0.8975

weight\_b:Parameter containing:

tensor([[1.2164],

[0.9667],

[1.1291]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0401]], requires\_grad=True)

test\_f1-ma: 0.8623 test\_f1-mi: 0.8750

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

torch.Size([26128, 64])

80 0.0250 0.9000 0.8941 0.9000

weight\_b:Parameter containing:

tensor([[1.2184],

[0.9666],

[1.1383]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0409]], requires\_grad=True)

test\_f1-ma: 0.8623 test\_f1-mi: 0.8750

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

torch.Size([26128, 64])

81 0.0241 0.9000 0.8941 0.9000

weight\_b:Parameter containing:

tensor([[1.2203],

[0.9666],

[1.1477]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0417]], requires\_grad=True)

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

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

torch.Size([26128, 64])

82 0.0233 0.9000 0.8947 0.9000

weight\_b:Parameter containing:

tensor([[1.2222],

[0.9665],

[1.1570]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0425]], requires\_grad=True)

test\_f1-ma: 0.8647 test\_f1-mi: 0.8775

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

torch.Size([26128, 64])

83 0.0224 0.9050 0.8999 0.9050

weight\_b:Parameter containing:

tensor([[1.2241],

[0.9664],

[1.1663]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0433]], requires\_grad=True)

test\_f1-ma: 0.8647 test\_f1-mi: 0.8775

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

torch.Size([26128, 64])

84 0.0216 0.9050 0.8999 0.9050

weight\_b:Parameter containing:

tensor([[1.2260],

[0.9663],

[1.1756]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0441]], requires\_grad=True)

test\_f1-ma: 0.8647 test\_f1-mi: 0.8775

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

torch.Size([26128, 64])

85 0.0208 0.9050 0.8999 0.9050

weight\_b:Parameter containing:

tensor([[1.2278],

[0.9661],

[1.1849]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0449]], requires\_grad=True)

test\_f1-ma: 0.8666 test\_f1-mi: 0.8800

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

torch.Size([26128, 64])

86 0.0200 0.9025 0.8974 0.9025

weight\_b:Parameter containing:

tensor([[1.2296],

[0.9660],

[1.1942]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0457]], requires\_grad=True)

test\_f1-ma: 0.8673 test\_f1-mi: 0.8800

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

torch.Size([26128, 64])

87 0.0193 0.9050 0.8999 0.9050

weight\_b:Parameter containing:

tensor([[1.2313],

[0.9658],

[1.2035]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0465]], requires\_grad=True)

test\_f1-ma: 0.8732 test\_f1-mi: 0.8850

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

torch.Size([26128, 64])

88 0.0186 0.9100 0.9048 0.9100

weight\_b:Parameter containing:

tensor([[1.2330],

[0.9655],

[1.2128]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0473]], requires\_grad=True)

test\_f1-ma: 0.8725 test\_f1-mi: 0.8850

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

torch.Size([26128, 64])

89 0.0206 0.9100 0.9048 0.9100

weight\_b:Parameter containing:

tensor([[1.2347],

[0.9657],

[1.2221]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0482]], requires\_grad=True)

test\_f1-ma: 0.8674 test\_f1-mi: 0.8800

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

torch.Size([26128, 64])

90 0.1843 0.8900 0.8835 0.8900

weight\_b:Parameter containing:

tensor([[1.2358],

[0.9615],

[1.2316]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0473]], requires\_grad=True)

test\_f1-ma: 0.8778 test\_f1-mi: 0.8875

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

torch.Size([26128, 64])

91 0.0877 0.8975 0.8929 0.8975

weight\_b:Parameter containing:

tensor([[1.2367],

[0.9577],

[1.2413]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0463]], requires\_grad=True)

test\_f1-ma: 0.8772 test\_f1-mi: 0.8925

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

torch.Size([26128, 64])

92 0.1633 0.8900 0.8852 0.8900

weight\_b:Parameter containing:

tensor([[1.2371],

[0.9528],

[1.2510]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0445]], requires\_grad=True)

test\_f1-ma: 0.8683 test\_f1-mi: 0.8800

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

torch.Size([26128, 64])

93 0.0334 0.9150 0.9098 0.9150

weight\_b:Parameter containing:

tensor([[1.2375],

[0.9484],

[1.2606]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0428]], requires\_grad=True)

test\_f1-ma: 0.8737 test\_f1-mi: 0.8850

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

torch.Size([26128, 64])

94 0.0599 0.9075 0.9017 0.9075

weight\_b:Parameter containing:

tensor([[1.2377],

[0.9445],

[1.2700]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0408]], requires\_grad=True)

test\_f1-ma: 0.8700 test\_f1-mi: 0.8825

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

torch.Size([26128, 64])

95 0.0793 0.8825 0.8772 0.8825

weight\_b:Parameter containing:

tensor([[1.2379],

[0.9394],

[1.2797]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0383]], requires\_grad=True)

test\_f1-ma: 0.8661 test\_f1-mi: 0.8750

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

torch.Size([26128, 64])

96 0.0376 0.8950 0.8900 0.8950

weight\_b:Parameter containing:

tensor([[1.2382],

[0.9342],

[1.2893]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0358]], requires\_grad=True)

test\_f1-ma: 0.8834 test\_f1-mi: 0.8925

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

torch.Size([26128, 64])

97 0.0283 0.8975 0.8929 0.8975

weight\_b:Parameter containing:

tensor([[1.2386],

[0.9294],

[1.2986]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0337]], requires\_grad=True)

test\_f1-ma: 0.8796 test\_f1-mi: 0.8900

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

torch.Size([26128, 64])

98 0.0326 0.8900 0.8842 0.8900

weight\_b:Parameter containing:

tensor([[1.2392],

[0.9251],

[1.3078]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0319]], requires\_grad=True)

test\_f1-ma: 0.8697 test\_f1-mi: 0.8825

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

torch.Size([26128, 64])

99 0.0378 0.8900 0.8849 0.8900

weight\_b:Parameter containing:

tensor([[1.2398],

[0.9212],

[1.3168]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8665 test\_f1-mi: 0.8800

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

torch.Size([26128, 64])

100 0.0387 0.8875 0.8827 0.8875

weight\_b:Parameter containing:

tensor([[1.2406],

[0.9178],

[1.3257]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8684 test\_f1-mi: 0.8800

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

time: 1612.7057073116

[Classification] Macro-F1: 0.8737 (0.0000) | Micro-F1: 0.8850 (0.0000)

[0.8737222480180227, 0.885]

Test F1-ma: 0.8737222480, F1-mi: 0.8850000000

Process finished with exit code 0