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, 512])

1 1.3844 0.3025 0.1161 0.3025

weight\_b:Parameter containing:

tensor([[0.0588],

[0.0444],

[0.1109]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.1286 test\_f1-mi: 0.3225

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

torch.Size([26128, 512])

2 1.3156 0.3925 0.2523 0.3925

weight\_b:Parameter containing:

tensor([[0.0626],

[0.0470],

[0.1132]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0006]], requires\_grad=True)

test\_f1-ma: 0.2566 test\_f1-mi: 0.4175

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

torch.Size([26128, 512])

3 1.2574 0.5675 0.4240 0.5675

weight\_b:Parameter containing:

tensor([[0.0668],

[0.0467],

[0.1168]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.4356 test\_f1-mi: 0.6100

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

torch.Size([26128, 512])

4 1.1955 0.6625 0.5623 0.6625

weight\_b:Parameter containing:

tensor([[0.0713],

[0.0446],

[0.1207]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.5660 test\_f1-mi: 0.6825

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

torch.Size([26128, 512])

5 1.1277 0.7700 0.6979 0.7700

weight\_b:Parameter containing:

tensor([[0.0759],

[0.0419],

[0.1240]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.6678 test\_f1-mi: 0.7575

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

torch.Size([26128, 512])

6 1.0559 0.8100 0.7571 0.8100

weight\_b:Parameter containing:

tensor([[0.0806],

[0.0411],

[0.1251]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.6961 test\_f1-mi: 0.7775

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

torch.Size([26128, 512])

7 0.9820 0.8150 0.7711 0.8150

weight\_b:Parameter containing:

tensor([[0.0854],

[0.0422],

[0.1237]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.7404 test\_f1-mi: 0.7975

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

torch.Size([26128, 512])

8 0.9070 0.8250 0.7889 0.8250

weight\_b:Parameter containing:

tensor([[0.0904],

[0.0446],

[0.1211]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.7543 test\_f1-mi: 0.8075

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

torch.Size([26128, 512])

9 0.8323 0.8450 0.8179 0.8450

weight\_b:Parameter containing:

tensor([[0.0954],

[0.0478],

[0.1176]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.7780 test\_f1-mi: 0.8175

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

torch.Size([26128, 512])

10 0.7604 0.8600 0.8387 0.8600

weight\_b:Parameter containing:

tensor([[0.1005],

[0.0514],

[0.1138]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8002 test\_f1-mi: 0.8300

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

torch.Size([26128, 512])

11 0.6930 0.8650 0.8493 0.8650

weight\_b:Parameter containing:

tensor([[0.1056],

[0.0554],

[0.1096]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0364]], requires\_grad=True)

test\_f1-ma: 0.8057 test\_f1-mi: 0.8325

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

torch.Size([26128, 512])

12 0.6305 0.8775 0.8655 0.8775

weight\_b:Parameter containing:

tensor([[0.1107],

[0.0590],

[0.1051]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0410]], requires\_grad=True)

test\_f1-ma: 0.8249 test\_f1-mi: 0.8425

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

torch.Size([26128, 512])

13 0.5729 0.8825 0.8719 0.8825

weight\_b:Parameter containing:

tensor([[0.1158],

[0.0627],

[0.1004]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0456]], requires\_grad=True)

test\_f1-ma: 0.8286 test\_f1-mi: 0.8450

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

torch.Size([26128, 512])

14 0.5204 0.8900 0.8809 0.8900

weight\_b:Parameter containing:

tensor([[0.1210],

[0.0665],

[0.0955]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0500]], requires\_grad=True)

test\_f1-ma: 0.8356 test\_f1-mi: 0.8500

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

torch.Size([26128, 512])

15 0.4732 0.8875 0.8804 0.8875

weight\_b:Parameter containing:

tensor([[0.1260],

[0.0705],

[0.0906]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0544]], requires\_grad=True)

test\_f1-ma: 0.8345 test\_f1-mi: 0.8500

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

torch.Size([26128, 512])

16 0.4304 0.8875 0.8794 0.8875

weight\_b:Parameter containing:

tensor([[0.1311],

[0.0746],

[0.0858]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0590]], requires\_grad=True)

test\_f1-ma: 0.8386 test\_f1-mi: 0.8525

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

torch.Size([26128, 512])

17 0.3922 0.8800 0.8714 0.8800

weight\_b:Parameter containing:

tensor([[0.1360],

[0.0789],

[0.0815]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0635]], requires\_grad=True)

test\_f1-ma: 0.8390 test\_f1-mi: 0.8525

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

torch.Size([26128, 512])

18 0.3575 0.8825 0.8742 0.8825

weight\_b:Parameter containing:

tensor([[0.1409],

[0.0832],

[0.0784]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0681]], requires\_grad=True)

test\_f1-ma: 0.8424 test\_f1-mi: 0.8550

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

torch.Size([26128, 512])

19 0.3259 0.8825 0.8736 0.8825

weight\_b:Parameter containing:

tensor([[0.1456],

[0.0877],

[0.0775]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8455 test\_f1-mi: 0.8575

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

torch.Size([26128, 512])

20 0.2973 0.8750 0.8673 0.8750

weight\_b:Parameter containing:

tensor([[0.1502],

[0.0925],

[0.0786]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0777]], requires\_grad=True)

test\_f1-ma: 0.8435 test\_f1-mi: 0.8550

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

torch.Size([26128, 512])

21 0.2713 0.8725 0.8652 0.8725

weight\_b:Parameter containing:

tensor([[0.1548],

[0.0976],

[0.0812]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0829]], requires\_grad=True)

test\_f1-ma: 0.8397 test\_f1-mi: 0.8525

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

torch.Size([26128, 512])

22 0.2501 0.8675 0.8596 0.8675

weight\_b:Parameter containing:

tensor([[0.1591],

[0.1025],

[0.0847]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0882]], requires\_grad=True)

test\_f1-ma: 0.8420 test\_f1-mi: 0.8525

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

torch.Size([26128, 512])

23 0.2283 0.8725 0.8640 0.8725

weight\_b:Parameter containing:

tensor([[0.1634],

[0.1073],

[0.0888]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0937]], requires\_grad=True)

test\_f1-ma: 0.8445 test\_f1-mi: 0.8575

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

torch.Size([26128, 512])

24 0.2156 0.8750 0.8673 0.8750

weight\_b:Parameter containing:

tensor([[0.1674],

[0.1120],

[0.0934]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0992]], requires\_grad=True)

test\_f1-ma: 0.8450 test\_f1-mi: 0.8575

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

torch.Size([26128, 512])

25 0.1951 0.8775 0.8705 0.8775

weight\_b:Parameter containing:

tensor([[0.1714],

[0.1158],

[0.0983]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1048]], requires\_grad=True)

test\_f1-ma: 0.8420 test\_f1-mi: 0.8525

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

torch.Size([26128, 512])

26 0.1864 0.8800 0.8735 0.8800

weight\_b:Parameter containing:

tensor([[0.1752],

[0.1178],

[0.1035]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1104]], requires\_grad=True)

test\_f1-ma: 0.8434 test\_f1-mi: 0.8550

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

torch.Size([26128, 512])

27 0.1848 0.8875 0.8818 0.8875

weight\_b:Parameter containing:

tensor([[0.1788],

[0.1195],

[0.1090]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1151]], requires\_grad=True)

test\_f1-ma: 0.8372 test\_f1-mi: 0.8525

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

torch.Size([26128, 512])

28 0.1691 0.8750 0.8692 0.8750

weight\_b:Parameter containing:

tensor([[0.1822],

[0.1186],

[0.1147]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1197]], requires\_grad=True)

test\_f1-ma: 0.8325 test\_f1-mi: 0.8425

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

torch.Size([26128, 512])

29 0.1660 0.8700 0.8643 0.8700

weight\_b:Parameter containing:

tensor([[0.1856],

[0.1165],

[0.1206]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1229]], requires\_grad=True)

test\_f1-ma: 0.8384 test\_f1-mi: 0.8475

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

torch.Size([26128, 512])

30 0.1653 0.8675 0.8624 0.8675

weight\_b:Parameter containing:

tensor([[0.1888],

[0.1136],

[0.1266]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1266]], requires\_grad=True)

test\_f1-ma: 0.8454 test\_f1-mi: 0.8550

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

torch.Size([26128, 512])

31 0.1489 0.8850 0.8803 0.8850

weight\_b:Parameter containing:

tensor([[0.1919],

[0.1118],

[0.1328]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1310]], requires\_grad=True)

test\_f1-ma: 0.8546 test\_f1-mi: 0.8650

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torch.Size([26128, 512])

32 0.1416 0.8775 0.8716 0.8775

weight\_b:Parameter containing:

tensor([[0.1950],

[0.1106],

[0.1392]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1352]], requires\_grad=True)

test\_f1-ma: 0.8618 test\_f1-mi: 0.8725

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

torch.Size([26128, 512])

33 0.1267 0.8775 0.8725 0.8775

weight\_b:Parameter containing:

tensor([[0.1979],

[0.1092],

[0.1457]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1397]], requires\_grad=True)

test\_f1-ma: 0.8530 test\_f1-mi: 0.8625

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

torch.Size([26128, 512])

34 0.1256 0.8675 0.8623 0.8675

weight\_b:Parameter containing:

tensor([[0.2007],

[0.1066],

[0.1523]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1443]], requires\_grad=True)

test\_f1-ma: 0.8408 test\_f1-mi: 0.8500

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

torch.Size([26128, 512])

35 0.1094 0.8775 0.8728 0.8775

weight\_b:Parameter containing:

tensor([[0.2034],

[0.1045],

[0.1590]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1493]], requires\_grad=True)

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

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

torch.Size([26128, 512])

36 0.1606 0.8875 0.8822 0.8875

weight\_b:Parameter containing:

tensor([[0.2057],

[0.1013],

[0.1657]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1493]], requires\_grad=True)

test\_f1-ma: 0.8599 test\_f1-mi: 0.8725

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

torch.Size([26128, 512])

37 0.1012 0.8775 0.8729 0.8775

weight\_b:Parameter containing:

tensor([[0.2081],

[0.0978],

[0.1726]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1498]], requires\_grad=True)

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

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

torch.Size([26128, 512])

38 0.1871 0.8725 0.8673 0.8725

weight\_b:Parameter containing:

tensor([[0.2101],

[0.0939],

[0.1796]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1479]], requires\_grad=True)

test\_f1-ma: 0.8288 test\_f1-mi: 0.8375

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

torch.Size([26128, 512])

39 0.1099 0.8800 0.8750 0.8800

weight\_b:Parameter containing:

tensor([[0.2121],

[0.0904],

[0.1866]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1462]], requires\_grad=True)

test\_f1-ma: 0.8526 test\_f1-mi: 0.8650

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

torch.Size([26128, 512])

40 0.1334 0.8800 0.8754 0.8800

weight\_b:Parameter containing:

tensor([[0.2140],

[0.0880],

[0.1938]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1447]], requires\_grad=True)

test\_f1-ma: 0.8611 test\_f1-mi: 0.8750

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

torch.Size([26128, 512])

41 0.1378 0.8775 0.8724 0.8775

weight\_b:Parameter containing:

tensor([[0.2158],

[0.0864],

[0.2011]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1440]], requires\_grad=True)

test\_f1-ma: 0.8662 test\_f1-mi: 0.8775

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

torch.Size([26128, 512])

42 0.0923 0.8925 0.8877 0.8925

weight\_b:Parameter containing:

tensor([[0.2177],

[0.0852],

[0.2084]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1440]], requires\_grad=True)

test\_f1-ma: 0.8490 test\_f1-mi: 0.8600

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

torch.Size([26128, 512])

43 0.1097 0.8825 0.8787 0.8825

weight\_b:Parameter containing:

tensor([[0.2194],

[0.0832],

[0.2155]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8455 test\_f1-mi: 0.8550

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

torch.Size([26128, 512])

44 0.1043 0.8925 0.8874 0.8925

weight\_b:Parameter containing:

tensor([[0.2210],

[0.0802],

[0.2225]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1417]], requires\_grad=True)

test\_f1-ma: 0.8490 test\_f1-mi: 0.8600

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

torch.Size([26128, 512])

45 0.0764 0.9100 0.9044 0.9100

weight\_b:Parameter containing:

tensor([[0.2227],

[0.0774],

[0.2295]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1406]], requires\_grad=True)

test\_f1-ma: 0.8724 test\_f1-mi: 0.8850

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

torch.Size([26128, 512])

46 0.0889 0.9125 0.9079 0.9125

weight\_b:Parameter containing:

tensor([[0.2242],

[0.0754],

[0.2366]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1399]], requires\_grad=True)

test\_f1-ma: 0.8846 test\_f1-mi: 0.9000

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torch.Size([26128, 512])

47 0.1030 0.9050 0.9000 0.9050

weight\_b:Parameter containing:

tensor([[0.2256],

[0.0739],

[0.2437]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1396]], requires\_grad=True)

test\_f1-ma: 0.8801 test\_f1-mi: 0.8950

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

torch.Size([26128, 512])

48 0.0648 0.9150 0.9102 0.9150

weight\_b:Parameter containing:

tensor([[0.2271],

[0.0727],

[0.2508]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1399]], requires\_grad=True)

test\_f1-ma: 0.8932 test\_f1-mi: 0.9050

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

torch.Size([26128, 512])

49 0.0576 0.9100 0.9044 0.9100

weight\_b:Parameter containing:

tensor([[0.2285],

[0.0717],

[0.2578]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1407]], requires\_grad=True)

test\_f1-ma: 0.8884 test\_f1-mi: 0.9000

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

torch.Size([26128, 512])

50 0.0738 0.9050 0.8993 0.9050

weight\_b:Parameter containing:

tensor([[0.2298],

[0.0706],

[0.2646]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1414]], requires\_grad=True)

test\_f1-ma: 0.8928 test\_f1-mi: 0.9025

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

torch.Size([26128, 512])

51 0.0664 0.9025 0.8971 0.9025

weight\_b:Parameter containing:

tensor([[0.2311],

[0.0698],

[0.2713]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1422]], requires\_grad=True)

test\_f1-ma: 0.8914 test\_f1-mi: 0.9000

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

torch.Size([26128, 512])

52 0.0613 0.9050 0.8995 0.9050

weight\_b:Parameter containing:

tensor([[0.2323],

[0.0686],

[0.2779]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1431]], requires\_grad=True)

test\_f1-ma: 0.8914 test\_f1-mi: 0.9000

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

torch.Size([26128, 512])

53 0.0640 0.9075 0.9023 0.9075

weight\_b:Parameter containing:

tensor([[0.2334],

[0.0673],

[0.2844]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1438]], requires\_grad=True)

test\_f1-ma: 0.8974 test\_f1-mi: 0.9050

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torch.Size([26128, 512])

54 0.0596 0.9175 0.9125 0.9175

weight\_b:Parameter containing:

tensor([[0.2345],

[0.0662],

[0.2909]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1445]], requires\_grad=True)

test\_f1-ma: 0.9042 test\_f1-mi: 0.9125

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

torch.Size([26128, 512])

55 0.0596 0.9150 0.9101 0.9150

weight\_b:Parameter containing:

tensor([[0.2355],

[0.0653],

[0.2973]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1455]], requires\_grad=True)

test\_f1-ma: 0.9088 test\_f1-mi: 0.9175

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

torch.Size([26128, 512])

56 0.0559 0.9225 0.9181 0.9225

weight\_b:Parameter containing:

tensor([[0.2365],

[0.0648],

[0.3038]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1467]], requires\_grad=True)

test\_f1-ma: 0.9023 test\_f1-mi: 0.9125

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

torch.Size([26128, 512])

57 0.0443 0.9250 0.9198 0.9250

weight\_b:Parameter containing:

tensor([[0.2374],

[0.0644],

[0.3101]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1481]], requires\_grad=True)

test\_f1-ma: 0.9134 test\_f1-mi: 0.9225

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torch.Size([26128, 512])

58 0.0443 0.9250 0.9197 0.9250

weight\_b:Parameter containing:

tensor([[0.2384],

[0.0638],

[0.3164]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1497]], requires\_grad=True)

test\_f1-ma: 0.9199 test\_f1-mi: 0.9275

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torch.Size([26128, 512])

59 0.0411 0.9275 0.9221 0.9275

weight\_b:Parameter containing:

tensor([[0.2393],

[0.0633],

[0.3224]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1515]], requires\_grad=True)

test\_f1-ma: 0.9120 test\_f1-mi: 0.9200

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

torch.Size([26128, 512])

60 0.0511 0.9300 0.9256 0.9300

weight\_b:Parameter containing:

tensor([[0.2402],

[0.0627],

[0.3282]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1532]], requires\_grad=True)

test\_f1-ma: 0.9122 test\_f1-mi: 0.9200

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

torch.Size([26128, 512])

61 0.0425 0.9375 0.9334 0.9375

weight\_b:Parameter containing:

tensor([[0.2410],

[0.0623],

[0.3339]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1553]], requires\_grad=True)

test\_f1-ma: 0.9189 test\_f1-mi: 0.9250

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

torch.Size([26128, 512])

62 0.0434 0.9325 0.9288 0.9325

weight\_b:Parameter containing:

tensor([[0.2420],

[0.0624],

[0.3395]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1579]], requires\_grad=True)

test\_f1-ma: 0.9210 test\_f1-mi: 0.9275

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

torch.Size([26128, 512])

63 0.0415 0.9400 0.9372 0.9400

weight\_b:Parameter containing:

tensor([[0.2428],

[0.0627],

[0.3452]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1606]], requires\_grad=True)

test\_f1-ma: 0.9176 test\_f1-mi: 0.9250

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

torch.Size([26128, 512])

64 0.0420 0.9450 0.9417 0.9450

weight\_b:Parameter containing:

tensor([[0.2437],

[0.0630],

[0.3507]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1632]], requires\_grad=True)

test\_f1-ma: 0.9154 test\_f1-mi: 0.9225

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

torch.Size([26128, 512])

65 0.0383 0.9350 0.9317 0.9350

weight\_b:Parameter containing:

tensor([[0.2445],

[0.0631],

[0.3561]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1657]], requires\_grad=True)

test\_f1-ma: 0.9196 test\_f1-mi: 0.9275

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

torch.Size([26128, 512])

66 0.0355 0.9350 0.9312 0.9350

weight\_b:Parameter containing:

tensor([[0.2454],

[0.0629],

[0.3614]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1682]], requires\_grad=True)

test\_f1-ma: 0.9164 test\_f1-mi: 0.9250

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

torch.Size([26128, 512])

67 0.0319 0.9400 0.9359 0.9400

weight\_b:Parameter containing:

tensor([[0.2462],

[0.0626],

[0.3665]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1708]], requires\_grad=True)

test\_f1-ma: 0.9239 test\_f1-mi: 0.9325

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

torch.Size([26128, 512])

68 0.0332 0.9425 0.9384 0.9425

weight\_b:Parameter containing:

tensor([[0.2470],

[0.0625],

[0.3716]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1734]], requires\_grad=True)

test\_f1-ma: 0.9234 test\_f1-mi: 0.9325

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

torch.Size([26128, 512])

69 0.0290 0.9425 0.9388 0.9425

weight\_b:Parameter containing:

tensor([[0.2478],

[0.0623],

[0.3764]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1760]], requires\_grad=True)

test\_f1-ma: 0.9234 test\_f1-mi: 0.9325

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

torch.Size([26128, 512])

70 0.0272 0.9450 0.9410 0.9450

weight\_b:Parameter containing:

tensor([[0.2486],

[0.0624],

[0.3811]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1788]], requires\_grad=True)

test\_f1-ma: 0.9222 test\_f1-mi: 0.9300

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

torch.Size([26128, 512])

71 0.0259 0.9475 0.9439 0.9475

weight\_b:Parameter containing:

tensor([[0.2494],

[0.0624],

[0.3857]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1816]], requires\_grad=True)

test\_f1-ma: 0.9229 test\_f1-mi: 0.9300

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

torch.Size([26128, 512])

72 0.0255 0.9475 0.9446 0.9475

weight\_b:Parameter containing:

tensor([[0.2502],

[0.0624],

[0.3901]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1845]], requires\_grad=True)

test\_f1-ma: 0.9229 test\_f1-mi: 0.9300

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

torch.Size([26128, 512])

73 0.0248 0.9475 0.9444 0.9475

weight\_b:Parameter containing:

tensor([[0.2510],

[0.0626],

[0.3945]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1875]], requires\_grad=True)

test\_f1-ma: 0.9223 test\_f1-mi: 0.9300

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

torch.Size([26128, 512])

74 0.0241 0.9475 0.9440 0.9475

weight\_b:Parameter containing:

tensor([[0.2518],

[0.0630],

[0.3987]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1905]], requires\_grad=True)

test\_f1-ma: 0.9324 test\_f1-mi: 0.9400

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

torch.Size([26128, 512])

75 0.0242 0.9450 0.9409 0.9450

weight\_b:Parameter containing:

tensor([[0.2526],

[0.0636],

[0.4029]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1936]], requires\_grad=True)

test\_f1-ma: 0.9351 test\_f1-mi: 0.9425

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

torch.Size([26128, 512])

76 0.0221 0.9475 0.9442 0.9475

weight\_b:Parameter containing:

tensor([[0.2534],

[0.0643],

[0.4069]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1967]], requires\_grad=True)

test\_f1-ma: 0.9324 test\_f1-mi: 0.9400

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

torch.Size([26128, 512])

77 0.0221 0.9475 0.9446 0.9475

weight\_b:Parameter containing:

tensor([[0.2541],

[0.0649],

[0.4109]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1999]], requires\_grad=True)

test\_f1-ma: 0.9305 test\_f1-mi: 0.9375

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

torch.Size([26128, 512])

78 0.0238 0.9500 0.9472 0.9500

weight\_b:Parameter containing:

tensor([[0.2549],

[0.0655],

[0.4148]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2031]], requires\_grad=True)

test\_f1-ma: 0.9353 test\_f1-mi: 0.9425

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

torch.Size([26128, 512])

79 0.0224 0.9475 0.9436 0.9475

weight\_b:Parameter containing:

tensor([[0.2557],

[0.0663],

[0.4185]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2063]], requires\_grad=True)

test\_f1-ma: 0.9339 test\_f1-mi: 0.9425

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

torch.Size([26128, 512])

80 0.0280 0.9525 0.9487 0.9525

weight\_b:Parameter containing:

tensor([[0.2564],

[0.0664],

[0.4218]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2091]], requires\_grad=True)

test\_f1-ma: 0.9364 test\_f1-mi: 0.9450

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

torch.Size([26128, 512])

81 0.0442 0.9525 0.9502 0.9525

weight\_b:Parameter containing:

tensor([[0.2572],

[0.0669],

[0.4252]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2121]], requires\_grad=True)

test\_f1-ma: 0.9344 test\_f1-mi: 0.9400

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

torch.Size([26128, 512])

82 0.0287 0.9500 0.9470 0.9500

weight\_b:Parameter containing:

tensor([[0.2579],

[0.0679],

[0.4285]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2150]], requires\_grad=True)

test\_f1-ma: 0.9388 test\_f1-mi: 0.9450

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

torch.Size([26128, 512])

83 0.0358 0.9400 0.9375 0.9400

weight\_b:Parameter containing:

tensor([[0.2586],

[0.0685],

[0.4319]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2175]], requires\_grad=True)

test\_f1-ma: 0.9331 test\_f1-mi: 0.9400

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

torch.Size([26128, 512])

84 0.0453 0.9450 0.9433 0.9450

weight\_b:Parameter containing:

tensor([[0.2590],

[0.0669],

[0.4355]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2190]], requires\_grad=True)

test\_f1-ma: 0.9263 test\_f1-mi: 0.9325

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

torch.Size([26128, 512])

85 0.0447 0.9525 0.9494 0.9525

weight\_b:Parameter containing:

tensor([[0.2595],

[0.0672],

[0.4388]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2203]], requires\_grad=True)

test\_f1-ma: 0.9355 test\_f1-mi: 0.9425

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

torch.Size([26128, 512])

86 0.0297 0.9550 0.9536 0.9550

weight\_b:Parameter containing:

tensor([[0.2599],

[0.0676],

[0.4421]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2217]], requires\_grad=True)

test\_f1-ma: 0.9309 test\_f1-mi: 0.9375

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

torch.Size([26128, 512])

87 0.0410 0.9450 0.9434 0.9450

weight\_b:Parameter containing:

tensor([[0.2603],

[0.0665],

[0.4458]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2229]], requires\_grad=True)

test\_f1-ma: 0.9262 test\_f1-mi: 0.9325

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

torch.Size([26128, 512])

88 0.0617 0.9375 0.9322 0.9375

weight\_b:Parameter containing:

tensor([[0.2606],

[0.0666],

[0.4498]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2240]], requires\_grad=True)

test\_f1-ma: 0.9229 test\_f1-mi: 0.9325

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

torch.Size([26128, 512])

89 0.0307 0.9525 0.9495 0.9525

weight\_b:Parameter containing:

tensor([[0.2608],

[0.0663],

[0.4540]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2250]], requires\_grad=True)

test\_f1-ma: 0.9314 test\_f1-mi: 0.9375

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

torch.Size([26128, 512])

90 0.0384 0.9375 0.9343 0.9375

weight\_b:Parameter containing:

tensor([[0.2611],

[0.0658],

[0.4583]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2262]], requires\_grad=True)

test\_f1-ma: 0.9303 test\_f1-mi: 0.9350

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

torch.Size([26128, 512])

91 0.0537 0.9300 0.9256 0.9300

weight\_b:Parameter containing:

tensor([[0.2614],

[0.0661],

[0.4628]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2274]], requires\_grad=True)

test\_f1-ma: 0.9273 test\_f1-mi: 0.9325

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

torch.Size([26128, 512])

92 0.0328 0.9425 0.9390 0.9425

weight\_b:Parameter containing:

tensor([[0.2617],

[0.0662],

[0.4671]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2288]], requires\_grad=True)

test\_f1-ma: 0.9259 test\_f1-mi: 0.9325

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

torch.Size([26128, 512])

93 0.0318 0.9425 0.9396 0.9425

weight\_b:Parameter containing:

tensor([[0.2620],

[0.0660],

[0.4713]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2301]], requires\_grad=True)

test\_f1-ma: 0.9167 test\_f1-mi: 0.9250

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

torch.Size([26128, 512])

94 0.0295 0.9425 0.9396 0.9425

weight\_b:Parameter containing:

tensor([[0.2624],

[0.0656],

[0.4752]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2314]], requires\_grad=True)

test\_f1-ma: 0.9162 test\_f1-mi: 0.9250

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

torch.Size([26128, 512])

95 0.0249 0.9475 0.9444 0.9475

weight\_b:Parameter containing:

tensor([[0.2628],

[0.0653],

[0.4790]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2327]], requires\_grad=True)

test\_f1-ma: 0.9212 test\_f1-mi: 0.9300

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

torch.Size([26128, 512])

96 0.0250 0.9475 0.9437 0.9475

weight\_b:Parameter containing:

tensor([[0.2632],

[0.0652],

[0.4826]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2342]], requires\_grad=True)

test\_f1-ma: 0.9207 test\_f1-mi: 0.9300

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

torch.Size([26128, 512])

97 0.0218 0.9425 0.9385 0.9425

weight\_b:Parameter containing:

tensor([[0.2636],

[0.0652],

[0.4861]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2358]], requires\_grad=True)

test\_f1-ma: 0.9261 test\_f1-mi: 0.9325

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

torch.Size([26128, 512])

98 0.0189 0.9425 0.9387 0.9425

weight\_b:Parameter containing:

tensor([[0.2641],

[0.0654],

[0.4896]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2375]], requires\_grad=True)

test\_f1-ma: 0.9261 test\_f1-mi: 0.9325

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

torch.Size([26128, 512])

99 0.0184 0.9350 0.9307 0.9350

weight\_b:Parameter containing:

tensor([[0.2646],

[0.0656],

[0.4930]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2393]], requires\_grad=True)

test\_f1-ma: 0.9316 test\_f1-mi: 0.9375

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

torch.Size([26128, 512])

100 0.0193 0.9375 0.9333 0.9375

weight\_b:Parameter containing:

tensor([[0.2650],

[0.0657],

[0.4964]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2411]], requires\_grad=True)

test\_f1-ma: 0.9391 test\_f1-mi: 0.9450

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

time: 3465.1655209064

[Classification] Macro-F1: 0.9309 (0.0000) | Micro-F1: 0.9375 (0.0000)

[0.9308770702959231, 0.9375]

Test F1-ma: 0.9308770703, F1-mi: 0.9375000000

Process finished with exit code 0