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, 200])

1 213.0499 0.1875 0.0789 0.1875

weight\_b:Parameter containing:

tensor([[0.9950],

[0.9950],

[0.9950]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.0736 test\_f1-mi: 0.1725

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

torch.Size([26128, 200])

2 1235.6783 0.3100 0.1268 0.3100

weight\_b:Parameter containing:

tensor([[0.9908],

[0.9909],

[0.9905]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.1360 test\_f1-mi: 0.3300

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

torch.Size([26128, 200])

3 1573.0725 0.4675 0.4144 0.4675

weight\_b:Parameter containing:

tensor([[0.9862],

[0.9864],

[0.9860]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.4455 test\_f1-mi: 0.4775

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

torch.Size([26128, 200])

4 2365.5530 0.2575 0.1024 0.2575

weight\_b:Parameter containing:

tensor([[0.9816],

[0.9817],

[0.9814]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.1071 test\_f1-mi: 0.2725

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

torch.Size([26128, 200])

5 1300.0513 0.3325 0.1697 0.3325

weight\_b:Parameter containing:

tensor([[0.9770],

[0.9770],

[0.9770]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.1582 test\_f1-mi: 0.3400

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

torch.Size([26128, 200])

6 729.3254 0.5300 0.3405 0.5300

weight\_b:Parameter containing:

tensor([[0.9725],

[0.9725],

[0.9728]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.3453 test\_f1-mi: 0.5400

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

torch.Size([26128, 200])

7 111.0230 0.6775 0.6705 0.6775

weight\_b:Parameter containing:

tensor([[0.9685],

[0.9683],

[0.9691]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.6803 test\_f1-mi: 0.6825

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

torch.Size([26128, 200])

8 267.4374 0.6275 0.5869 0.6275

weight\_b:Parameter containing:

tensor([[0.9648],

[0.9645],

[0.9658]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.5889 test\_f1-mi: 0.6250

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

torch.Size([26128, 200])

9 61.1238 0.8775 0.8695 0.8775

weight\_b:Parameter containing:

tensor([[0.9615],

[0.9610],

[0.9628]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.8662 test\_f1-mi: 0.8750

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

torch.Size([26128, 200])

10 147.7195 0.7950 0.7348 0.7950

weight\_b:Parameter containing:

tensor([[0.9584],

[0.9578],

[0.9599]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.7811 test\_f1-mi: 0.8350

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

torch.Size([26128, 200])

11 190.4437 0.7625 0.6545 0.7625

weight\_b:Parameter containing:

tensor([[0.9555],

[0.9549],

[0.9573]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.6992 test\_f1-mi: 0.8000

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

torch.Size([26128, 200])

12 154.2219 0.7900 0.7048 0.7900

weight\_b:Parameter containing:

tensor([[0.9528],

[0.9521],

[0.9547]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.7688 test\_f1-mi: 0.8425

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

torch.Size([26128, 200])

13 95.9454 0.8625 0.8349 0.8625

weight\_b:Parameter containing:

tensor([[0.9503],

[0.9496],

[0.9523]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.8375 test\_f1-mi: 0.8775

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

torch.Size([26128, 200])

14 64.9628 0.9050 0.8957 0.9050

weight\_b:Parameter containing:

tensor([[0.9480],

[0.9472],

[0.9501]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9193 test\_f1-mi: 0.9300

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

torch.Size([26128, 200])

15 77.6408 0.9000 0.8929 0.9000

weight\_b:Parameter containing:

tensor([[0.9459],

[0.9450],

[0.9481]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9161 test\_f1-mi: 0.9250

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

torch.Size([26128, 200])

16 84.0813 0.9000 0.8937 0.9000

weight\_b:Parameter containing:

tensor([[0.9439],

[0.9429],

[0.9463]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.8933 test\_f1-mi: 0.9000

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

torch.Size([26128, 200])

17 81.4682 0.8825 0.8782 0.8825

weight\_b:Parameter containing:

tensor([[0.9420],

[0.9409],

[0.9447]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.8741 test\_f1-mi: 0.8775

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

torch.Size([26128, 200])

18 98.2906 0.8900 0.8866 0.8900

weight\_b:Parameter containing:

tensor([[0.9402],

[0.9390],

[0.9432]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.8643 test\_f1-mi: 0.8700

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

torch.Size([26128, 200])

19 83.1708 0.8975 0.8933 0.8975

weight\_b:Parameter containing:

tensor([[0.9385],

[0.9372],

[0.9419]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.8758 test\_f1-mi: 0.8825

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

torch.Size([26128, 200])

20 47.4378 0.9150 0.9086 0.9150

weight\_b:Parameter containing:

tensor([[0.9370],

[0.9355],

[0.9406]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9064 test\_f1-mi: 0.9125

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

torch.Size([26128, 200])

21 38.9450 0.9325 0.9265 0.9325

weight\_b:Parameter containing:

tensor([[0.9355],

[0.9339],

[0.9394]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9282 test\_f1-mi: 0.9350

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

torch.Size([26128, 200])

22 51.2937 0.9325 0.9264 0.9325

weight\_b:Parameter containing:

tensor([[0.9341],

[0.9324],

[0.9383]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9290 test\_f1-mi: 0.9375

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

torch.Size([26128, 200])

23 58.8421 0.9175 0.9094 0.9175

weight\_b:Parameter containing:

tensor([[0.9329],

[0.9310],

[0.9372]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9268 test\_f1-mi: 0.9375

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

torch.Size([26128, 200])

24 56.1763 0.9125 0.9018 0.9125

weight\_b:Parameter containing:

tensor([[0.9316],

[0.9297],

[0.9362]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9109 test\_f1-mi: 0.9250

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

torch.Size([26128, 200])

25 51.2944 0.9150 0.9024 0.9150

weight\_b:Parameter containing:

tensor([[0.9305],

[0.9285],

[0.9351]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9146 test\_f1-mi: 0.9300

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

torch.Size([26128, 200])

26 51.6307 0.9150 0.9022 0.9150

weight\_b:Parameter containing:

tensor([[0.9294],

[0.9274],

[0.9341]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9121 test\_f1-mi: 0.9275

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

torch.Size([26128, 200])

27 44.0117 0.9350 0.9262 0.9350

weight\_b:Parameter containing:

tensor([[0.9284],

[0.9263],

[0.9331]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9161 test\_f1-mi: 0.9300

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

torch.Size([26128, 200])

28 30.8145 0.9400 0.9345 0.9400

weight\_b:Parameter containing:

tensor([[0.9274],

[0.9253],

[0.9321]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9271 test\_f1-mi: 0.9375

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

torch.Size([26128, 200])

29 29.8418 0.9125 0.9078 0.9125

weight\_b:Parameter containing:

tensor([[0.9265],

[0.9244],

[0.9313]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9000 test\_f1-mi: 0.9050

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

torch.Size([26128, 200])

30 36.3601 0.8875 0.8841 0.8875

weight\_b:Parameter containing:

tensor([[0.9257],

[0.9236],

[0.9304]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.8861 test\_f1-mi: 0.8900

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

torch.Size([26128, 200])

31 27.7129 0.9300 0.9258 0.9300

weight\_b:Parameter containing:

tensor([[0.9249],

[0.9227],

[0.9297]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9180 test\_f1-mi: 0.9225

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

torch.Size([26128, 200])

32 25.1051 0.9500 0.9457 0.9500

weight\_b:Parameter containing:

tensor([[0.9241],

[0.9219],

[0.9290]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9410 test\_f1-mi: 0.9475

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

torch.Size([26128, 200])

33 29.6555 0.9450 0.9401 0.9450

weight\_b:Parameter containing:

tensor([[0.9234],

[0.9212],

[0.9283]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9280 test\_f1-mi: 0.9375

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

torch.Size([26128, 200])

34 30.7397 0.9450 0.9404 0.9450

weight\_b:Parameter containing:

tensor([[0.9227],

[0.9205],

[0.9277]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9283 test\_f1-mi: 0.9375

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

torch.Size([26128, 200])

35 27.1651 0.9425 0.9378 0.9425

weight\_b:Parameter containing:

tensor([[0.9221],

[0.9198],

[0.9272]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

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

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

torch.Size([26128, 200])

36 23.0010 0.9450 0.9401 0.9450

weight\_b:Parameter containing:

tensor([[0.9215],

[0.9191],

[0.9267]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9375 test\_f1-mi: 0.9425

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

torch.Size([26128, 200])

37 21.3306 0.9400 0.9340 0.9400

weight\_b:Parameter containing:

tensor([[0.9209],

[0.9185],

[0.9262]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9407 test\_f1-mi: 0.9450

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

torch.Size([26128, 200])

38 18.5082 0.9375 0.9312 0.9375

weight\_b:Parameter containing:

tensor([[0.9204],

[0.9179],

[0.9257]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9280 test\_f1-mi: 0.9325

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

torch.Size([26128, 200])

39 16.9379 0.9350 0.9299 0.9350

weight\_b:Parameter containing:

tensor([[0.9199],

[0.9173],

[0.9253]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9188 test\_f1-mi: 0.9250

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

torch.Size([26128, 200])

40 18.7962 0.9275 0.9231 0.9275

weight\_b:Parameter containing:

tensor([[0.9194],

[0.9168],

[0.9249]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9083 test\_f1-mi: 0.9175

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

torch.Size([26128, 200])

41 18.9528 0.9325 0.9285 0.9325

weight\_b:Parameter containing:

tensor([[0.9190],

[0.9163],

[0.9246]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9135 test\_f1-mi: 0.9225

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

torch.Size([26128, 200])

42 17.0040 0.9400 0.9353 0.9400

weight\_b:Parameter containing:

tensor([[0.9185],

[0.9158],

[0.9242]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9192 test\_f1-mi: 0.9275

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

torch.Size([26128, 200])

43 16.2290 0.9375 0.9315 0.9375

weight\_b:Parameter containing:

tensor([[0.9181],

[0.9154],

[0.9239]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9193 test\_f1-mi: 0.9275

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

torch.Size([26128, 200])

44 16.2838 0.9425 0.9362 0.9425

weight\_b:Parameter containing:

tensor([[0.9177],

[0.9149],

[0.9235]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

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

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

torch.Size([26128, 200])

45 15.8482 0.9450 0.9393 0.9450

weight\_b:Parameter containing:

tensor([[0.9174],

[0.9145],

[0.9232]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

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

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

torch.Size([26128, 200])

46 14.4043 0.9425 0.9368 0.9425

weight\_b:Parameter containing:

tensor([[0.9170],

[0.9141],

[0.9229]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9369 test\_f1-mi: 0.9425

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

torch.Size([26128, 200])

47 13.0515 0.9375 0.9324 0.9375

weight\_b:Parameter containing:

tensor([[0.9167],

[0.9138],

[0.9226]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9277 test\_f1-mi: 0.9350

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

torch.Size([26128, 200])

48 12.1295 0.9400 0.9349 0.9400

weight\_b:Parameter containing:

tensor([[0.9164],

[0.9134],

[0.9224]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9343 test\_f1-mi: 0.9400

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

torch.Size([26128, 200])

49 11.4075 0.9400 0.9355 0.9400

weight\_b:Parameter containing:

tensor([[0.9161],

[0.9131],

[0.9221]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9369 test\_f1-mi: 0.9425

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

torch.Size([26128, 200])

50 11.0584 0.9400 0.9362 0.9400

weight\_b:Parameter containing:

tensor([[0.9158],

[0.9128],

[0.9219]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9310 test\_f1-mi: 0.9375

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

torch.Size([26128, 200])

51 12.1461 0.9275 0.9231 0.9275

weight\_b:Parameter containing:

tensor([[0.9155],

[0.9124],

[0.9217]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9342 test\_f1-mi: 0.9375

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

torch.Size([26128, 200])

52 11.5771 0.9325 0.9285 0.9325

weight\_b:Parameter containing:

tensor([[0.9153],

[0.9121],

[0.9216]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9316 test\_f1-mi: 0.9350

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

torch.Size([26128, 200])

53 10.3426 0.9325 0.9294 0.9325

weight\_b:Parameter containing:

tensor([[0.9150],

[0.9118],

[0.9214]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9194 test\_f1-mi: 0.9250

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

torch.Size([26128, 200])

54 8.7637 0.9375 0.9329 0.9375

weight\_b:Parameter containing:

tensor([[0.9148],

[0.9115],

[0.9213]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9311 test\_f1-mi: 0.9375

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

torch.Size([26128, 200])

55 8.1838 0.9375 0.9326 0.9375

weight\_b:Parameter containing:

tensor([[0.9146],

[0.9112],

[0.9211]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9282 test\_f1-mi: 0.9350

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

torch.Size([26128, 200])

56 8.2839 0.9450 0.9393 0.9450

weight\_b:Parameter containing:

tensor([[0.9144],

[0.9110],

[0.9210]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

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

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

torch.Size([26128, 200])

57 8.2391 0.9450 0.9393 0.9450

weight\_b:Parameter containing:

tensor([[0.9142],

[0.9107],

[0.9209]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9339 test\_f1-mi: 0.9400

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

torch.Size([26128, 200])

58 7.9216 0.9475 0.9421 0.9475

weight\_b:Parameter containing:

tensor([[0.9140],

[0.9105],

[0.9208]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9357 test\_f1-mi: 0.9425

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

torch.Size([26128, 200])

59 7.2628 0.9450 0.9399 0.9450

weight\_b:Parameter containing:

tensor([[0.9138],

[0.9103],

[0.9206]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9323 test\_f1-mi: 0.9400

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

torch.Size([26128, 200])

60 6.5250 0.9475 0.9422 0.9475

weight\_b:Parameter containing:

tensor([[0.9136],

[0.9101],

[0.9205]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9421 test\_f1-mi: 0.9475

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

torch.Size([26128, 200])

61 5.9855 0.9450 0.9402 0.9450

weight\_b:Parameter containing:

tensor([[0.9135],

[0.9099],

[0.9204]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9393 test\_f1-mi: 0.9450

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

torch.Size([26128, 200])

62 5.7199 0.9500 0.9463 0.9500

weight\_b:Parameter containing:

tensor([[0.9133],

[0.9097],

[0.9202]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9398 test\_f1-mi: 0.9450

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

torch.Size([26128, 200])

63 5.5740 0.9450 0.9411 0.9450

weight\_b:Parameter containing:

tensor([[0.9132],

[0.9095],

[0.9201]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9398 test\_f1-mi: 0.9450

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

torch.Size([26128, 200])

64 5.5533 0.9450 0.9415 0.9450

weight\_b:Parameter containing:

tensor([[0.9130],

[0.9094],

[0.9200]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9398 test\_f1-mi: 0.9450

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

torch.Size([26128, 200])

65 5.1828 0.9475 0.9437 0.9475

weight\_b:Parameter containing:

tensor([[0.9129],

[0.9092],

[0.9199]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9433 test\_f1-mi: 0.9475

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

torch.Size([26128, 200])

66 4.6960 0.9500 0.9460 0.9500

weight\_b:Parameter containing:

tensor([[0.9128],

[0.9091],

[0.9198]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9456 test\_f1-mi: 0.9500

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

torch.Size([26128, 200])

67 4.5606 0.9550 0.9516 0.9550

weight\_b:Parameter containing:

tensor([[0.9127],

[0.9089],

[0.9196]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9476 test\_f1-mi: 0.9525

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

torch.Size([26128, 200])

68 4.4010 0.9475 0.9425 0.9475

weight\_b:Parameter containing:

tensor([[0.9125],

[0.9088],

[0.9195]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9522 test\_f1-mi: 0.9575

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

torch.Size([26128, 200])

69 4.2130 0.9475 0.9428 0.9475

weight\_b:Parameter containing:

tensor([[0.9124],

[0.9087],

[0.9194]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9499 test\_f1-mi: 0.9550

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

torch.Size([26128, 200])

70 3.9887 0.9500 0.9456 0.9500

weight\_b:Parameter containing:

tensor([[0.9123],

[0.9086],

[0.9193]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9464 test\_f1-mi: 0.9525

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

torch.Size([26128, 200])

71 3.6768 0.9500 0.9455 0.9500

weight\_b:Parameter containing:

tensor([[0.9122],

[0.9085],

[0.9192]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9513 test\_f1-mi: 0.9575

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

torch.Size([26128, 200])

72 3.4301 0.9525 0.9485 0.9525

weight\_b:Parameter containing:

tensor([[0.9121],

[0.9084],

[0.9191]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9526 test\_f1-mi: 0.9575

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

torch.Size([26128, 200])

73 3.2125 0.9475 0.9441 0.9475

weight\_b:Parameter containing:

tensor([[0.9121],

[0.9083],

[0.9190]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9529 test\_f1-mi: 0.9575

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

torch.Size([26128, 200])

74 3.3025 0.9475 0.9437 0.9475

weight\_b:Parameter containing:

tensor([[0.9120],

[0.9082],

[0.9190]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9501 test\_f1-mi: 0.9550

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

torch.Size([26128, 200])

75 2.9310 0.9400 0.9345 0.9400

weight\_b:Parameter containing:

tensor([[0.9119],

[0.9081],

[0.9189]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9468 test\_f1-mi: 0.9525

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

torch.Size([26128, 200])

76 2.6952 0.9375 0.9334 0.9375

weight\_b:Parameter containing:

tensor([[0.9118],

[0.9080],

[0.9188]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9555 test\_f1-mi: 0.9600

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

torch.Size([26128, 200])

77 2.6512 0.9300 0.9249 0.9300

weight\_b:Parameter containing:

tensor([[0.9117],

[0.9079],

[0.9187]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9428 test\_f1-mi: 0.9475

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

torch.Size([26128, 200])

78 2.5706 0.9300 0.9261 0.9300

weight\_b:Parameter containing:

tensor([[0.9117],

[0.9079],

[0.9186]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9357 test\_f1-mi: 0.9400

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

torch.Size([26128, 200])

79 2.5997 0.9175 0.9139 0.9175

weight\_b:Parameter containing:

tensor([[0.9116],

[0.9078],

[0.9186]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9285 test\_f1-mi: 0.9325

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

torch.Size([26128, 200])

80 2.2806 0.9275 0.9234 0.9275

weight\_b:Parameter containing:

tensor([[0.9116],

[0.9077],

[0.9185]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9407 test\_f1-mi: 0.9450

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

torch.Size([26128, 200])

81 2.0410 0.9325 0.9288 0.9325

weight\_b:Parameter containing:

tensor([[0.9115],

[0.9076],

[0.9185]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9478 test\_f1-mi: 0.9525

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

torch.Size([26128, 200])

82 2.0505 0.9350 0.9300 0.9350

weight\_b:Parameter containing:

tensor([[0.9114],

[0.9076],

[0.9184]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9485 test\_f1-mi: 0.9550

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

torch.Size([26128, 200])

83 1.9113 0.9475 0.9440 0.9475

weight\_b:Parameter containing:

tensor([[0.9114],

[0.9075],

[0.9183]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9552 test\_f1-mi: 0.9600

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

torch.Size([26128, 200])

84 1.7217 0.9450 0.9415 0.9450

weight\_b:Parameter containing:

tensor([[0.9113],

[0.9075],

[0.9183]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9580 test\_f1-mi: 0.9625

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

torch.Size([26128, 200])

85 1.6586 0.9400 0.9367 0.9400

weight\_b:Parameter containing:

tensor([[0.9113],

[0.9074],

[0.9182]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9475 test\_f1-mi: 0.9525

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

torch.Size([26128, 200])

86 1.5383 0.9325 0.9288 0.9325

weight\_b:Parameter containing:

tensor([[0.9112],

[0.9074],

[0.9182]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9392 test\_f1-mi: 0.9450

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

torch.Size([26128, 200])

87 1.5393 0.9300 0.9266 0.9300

weight\_b:Parameter containing:

tensor([[0.9112],

[0.9073],

[0.9182]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9365 test\_f1-mi: 0.9425

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

torch.Size([26128, 200])

88 1.7528 0.9425 0.9389 0.9425

weight\_b:Parameter containing:

tensor([[0.9111],

[0.9073],

[0.9181]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9414 test\_f1-mi: 0.9475

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

torch.Size([26128, 200])

89 1.4678 0.9425 0.9395 0.9425

weight\_b:Parameter containing:

tensor([[0.9111],

[0.9072],

[0.9181]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9398 test\_f1-mi: 0.9450

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

torch.Size([26128, 200])

90 1.3577 0.9400 0.9365 0.9400

weight\_b:Parameter containing:

tensor([[0.9111],

[0.9072],

[0.9180]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9496 test\_f1-mi: 0.9550

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

torch.Size([26128, 200])

91 1.1786 0.9400 0.9369 0.9400

weight\_b:Parameter containing:

tensor([[0.9110],

[0.9071],

[0.9180]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9447 test\_f1-mi: 0.9500

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

torch.Size([26128, 200])

92 1.1057 0.9275 0.9239 0.9275

weight\_b:Parameter containing:

tensor([[0.9110],

[0.9071],

[0.9180]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9368 test\_f1-mi: 0.9425

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

torch.Size([26128, 200])

93 1.3548 0.9250 0.9217 0.9250

weight\_b:Parameter containing:

tensor([[0.9110],

[0.9071],

[0.9179]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9369 test\_f1-mi: 0.9425

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

torch.Size([26128, 200])

94 2.9395 0.9100 0.9068 0.9100

weight\_b:Parameter containing:

tensor([[0.9109],

[0.9070],

[0.9179]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9198 test\_f1-mi: 0.9250

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

torch.Size([26128, 200])

95 9.3131 0.8650 0.8599 0.8650

weight\_b:Parameter containing:

tensor([[0.9109],

[0.9069],

[0.9179]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.8848 test\_f1-mi: 0.8900

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

torch.Size([26128, 200])

96 27.1285 0.7600 0.7421 0.7600

weight\_b:Parameter containing:

tensor([[0.9108],

[0.9068],

[0.9178]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.7406 test\_f1-mi: 0.7725

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

torch.Size([26128, 200])

97 72.2780 0.7975 0.7740 0.7975

weight\_b:Parameter containing:

tensor([[0.9106],

[0.9066],

[0.9178]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.7566 test\_f1-mi: 0.7800

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

torch.Size([26128, 200])

98 40.8322 0.8775 0.8676 0.8775

weight\_b:Parameter containing:

tensor([[0.9104],

[0.9062],

[0.9177]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.8934 test\_f1-mi: 0.9025

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

torch.Size([26128, 200])

99 22.0368 0.8975 0.8826 0.8975

weight\_b:Parameter containing:

tensor([[0.9102],

[0.9059],

[0.9176]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.9109 test\_f1-mi: 0.9250

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

torch.Size([26128, 200])

100 31.2557 0.8950 0.8731 0.8950

weight\_b:Parameter containing:

tensor([[0.9099],

[0.9056],

[0.9173]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0041]], requires\_grad=True)

test\_f1-ma: 0.8738 test\_f1-mi: 0.9000

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

time: 3893.8307216167

[Classification] Macro-F1: 0.9476 (0.0000) | Micro-F1: 0.9525 (0.0000)

[0.9476258089366526, 0.9525]

Test F1-ma: 0.9476258089, F1-mi: 0.9525000000

Process finished with exit code 0