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 75.3090 0.2175 0.1585 0.2175

weight\_b:Parameter containing:

tensor([[0.9950],

[0.9950],

[0.9950]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.1744 test\_f1-mi: 0.2550

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

torch.Size([26128, 200])

2 799.1609 0.5500 0.3514 0.5500

weight\_b:Parameter containing:

tensor([[0.9910],

[0.9910],

[0.9909]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.3677 test\_f1-mi: 0.5875

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

torch.Size([26128, 200])

3 1659.7817 0.3725 0.2529 0.3725

weight\_b:Parameter containing:

tensor([[0.9868],

[0.9868],

[0.9867]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2525 test\_f1-mi: 0.3775

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

torch.Size([26128, 200])

4 2428.7090 0.2500 0.1000 0.2500

weight\_b:Parameter containing:

tensor([[0.9824],

[0.9823],

[0.9824]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.0943 test\_f1-mi: 0.2325

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

torch.Size([26128, 200])

5 424.3684 0.3200 0.1848 0.3200

weight\_b:Parameter containing:

tensor([[0.9783],

[0.9782],

[0.9784]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.1909 test\_f1-mi: 0.3425

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

torch.Size([26128, 200])

6 418.1146 0.5125 0.4597 0.5125

weight\_b:Parameter containing:

tensor([[0.9745],

[0.9743],

[0.9747]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.4644 test\_f1-mi: 0.5250

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

torch.Size([26128, 200])

7 996.2233 0.2575 0.1024 0.2575

weight\_b:Parameter containing:

tensor([[0.9705],

[0.9702],

[0.9710]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([26128, 200])

8 274.6908 0.6050 0.4679 0.6050

weight\_b:Parameter containing:

tensor([[0.9668],

[0.9664],

[0.9675]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.5112 test\_f1-mi: 0.6500

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

torch.Size([26128, 200])

9 195.5697 0.6175 0.5825 0.6175

weight\_b:Parameter containing:

tensor([[0.9634],

[0.9628],

[0.9644]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.5568 test\_f1-mi: 0.6025

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

torch.Size([26128, 200])

10 101.6158 0.7325 0.6913 0.7325

weight\_b:Parameter containing:

tensor([[0.9603],

[0.9594],

[0.9616]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.6679 test\_f1-mi: 0.7100

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

torch.Size([26128, 200])

11 150.6624 0.6200 0.6288 0.6200

weight\_b:Parameter containing:

tensor([[0.9574],

[0.9563],

[0.9591]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.6448 test\_f1-mi: 0.6350

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

torch.Size([26128, 200])

12 73.4959 0.8350 0.8338 0.8350

weight\_b:Parameter containing:

tensor([[0.9547],

[0.9533],

[0.9568]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8391 test\_f1-mi: 0.8475

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

torch.Size([26128, 200])

13 26.3049 0.9275 0.9222 0.9275

weight\_b:Parameter containing:

tensor([[0.9523],

[0.9507],

[0.9547]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([26128, 200])

14 47.8451 0.8875 0.8802 0.8875

weight\_b:Parameter containing:

tensor([[0.9501],

[0.9482],

[0.9528]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8840 test\_f1-mi: 0.8925

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

torch.Size([26128, 200])

15 94.3018 0.7525 0.7045 0.7525

weight\_b:Parameter containing:

tensor([[0.9480],

[0.9459],

[0.9511]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.6922 test\_f1-mi: 0.7525

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

torch.Size([26128, 200])

16 109.7000 0.7200 0.6473 0.7200

weight\_b:Parameter containing:

tensor([[0.9460],

[0.9437],

[0.9494]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.6671 test\_f1-mi: 0.7475

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

torch.Size([26128, 200])

17 84.5357 0.8100 0.7868 0.8100

weight\_b:Parameter containing:

tensor([[0.9441],

[0.9417],

[0.9478]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.7800 test\_f1-mi: 0.8100

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

torch.Size([26128, 200])

18 68.1840 0.8650 0.8552 0.8650

weight\_b:Parameter containing:

tensor([[0.9424],

[0.9398],

[0.9463]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8739 test\_f1-mi: 0.8850

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

torch.Size([26128, 200])

19 61.0160 0.8900 0.8850 0.8900

weight\_b:Parameter containing:

tensor([[0.9408],

[0.9380],

[0.9449]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.8997 test\_f1-mi: 0.9075

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

torch.Size([26128, 200])

20 49.6285 0.9025 0.8980 0.9025

weight\_b:Parameter containing:

tensor([[0.9393],

[0.9364],

[0.9436]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9126 test\_f1-mi: 0.9200

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

torch.Size([26128, 200])

21 41.2242 0.9100 0.9054 0.9100

weight\_b:Parameter containing:

tensor([[0.9378],

[0.9348],

[0.9423]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([26128, 200])

22 41.2728 0.9150 0.9108 0.9150

weight\_b:Parameter containing:

tensor([[0.9365],

[0.9333],

[0.9412]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9284 test\_f1-mi: 0.9325

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

torch.Size([26128, 200])

23 44.0386 0.9100 0.9057 0.9100

weight\_b:Parameter containing:

tensor([[0.9353],

[0.9319],

[0.9403]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9287 test\_f1-mi: 0.9325

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

torch.Size([26128, 200])

24 43.5230 0.9075 0.9022 0.9075

weight\_b:Parameter containing:

tensor([[0.9341],

[0.9305],

[0.9394]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9111 test\_f1-mi: 0.9175

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

torch.Size([26128, 200])

25 45.5618 0.9075 0.9029 0.9075

weight\_b:Parameter containing:

tensor([[0.9330],

[0.9292],

[0.9386]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9156 test\_f1-mi: 0.9250

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

torch.Size([26128, 200])

26 49.3475 0.9100 0.9062 0.9100

weight\_b:Parameter containing:

tensor([[0.9320],

[0.9279],

[0.9379]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9052 test\_f1-mi: 0.9150

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

torch.Size([26128, 200])

27 44.6971 0.9150 0.9107 0.9150

weight\_b:Parameter containing:

tensor([[0.9310],

[0.9267],

[0.9372]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9055 test\_f1-mi: 0.9150

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

torch.Size([26128, 200])

28 37.7140 0.9150 0.9106 0.9150

weight\_b:Parameter containing:

tensor([[0.9300],

[0.9255],

[0.9366]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9207 test\_f1-mi: 0.9275

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

torch.Size([26128, 200])

29 32.7352 0.9200 0.9153 0.9200

weight\_b:Parameter containing:

tensor([[0.9292],

[0.9244],

[0.9360]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9285 test\_f1-mi: 0.9350

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

torch.Size([26128, 200])

30 27.9601 0.9275 0.9220 0.9275

weight\_b:Parameter containing:

tensor([[0.9283],

[0.9233],

[0.9355]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9412 test\_f1-mi: 0.9450

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

torch.Size([26128, 200])

31 24.5592 0.9375 0.9332 0.9375

weight\_b:Parameter containing:

tensor([[0.9276],

[0.9223],

[0.9351]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9441 test\_f1-mi: 0.9475

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

torch.Size([26128, 200])

32 24.0083 0.9400 0.9350 0.9400

weight\_b:Parameter containing:

tensor([[0.9268],

[0.9214],

[0.9346]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9457 test\_f1-mi: 0.9500

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

torch.Size([26128, 200])

33 25.4795 0.9350 0.9302 0.9350

weight\_b:Parameter containing:

tensor([[0.9261],

[0.9205],

[0.9342]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9480 test\_f1-mi: 0.9525

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

torch.Size([26128, 200])

34 26.9588 0.9375 0.9326 0.9375

weight\_b:Parameter containing:

tensor([[0.9255],

[0.9197],

[0.9337]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9480 test\_f1-mi: 0.9525

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

torch.Size([26128, 200])

35 27.1078 0.9375 0.9326 0.9375

weight\_b:Parameter containing:

tensor([[0.9249],

[0.9190],

[0.9332]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9486 test\_f1-mi: 0.9525

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

torch.Size([26128, 200])

36 26.1640 0.9400 0.9355 0.9400

weight\_b:Parameter containing:

tensor([[0.9243],

[0.9183],

[0.9328]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9486 test\_f1-mi: 0.9525

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

torch.Size([26128, 200])

37 25.0808 0.9425 0.9380 0.9425

weight\_b:Parameter containing:

tensor([[0.9237],

[0.9176],

[0.9323]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9508 test\_f1-mi: 0.9550

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

torch.Size([26128, 200])

38 23.8876 0.9375 0.9332 0.9375

weight\_b:Parameter containing:

tensor([[0.9232],

[0.9171],

[0.9318]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9482 test\_f1-mi: 0.9525

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

torch.Size([26128, 200])

39 22.1383 0.9400 0.9355 0.9400

weight\_b:Parameter containing:

tensor([[0.9227],

[0.9165],

[0.9313]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9462 test\_f1-mi: 0.9500

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

torch.Size([26128, 200])

40 19.8552 0.9450 0.9405 0.9450

weight\_b:Parameter containing:

tensor([[0.9222],

[0.9160],

[0.9308]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9570 test\_f1-mi: 0.9600

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

torch.Size([26128, 200])

41 18.1010 0.9450 0.9397 0.9450

weight\_b:Parameter containing:

tensor([[0.9217],

[0.9156],

[0.9303]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([26128, 200])

42 17.3144 0.9425 0.9373 0.9425

weight\_b:Parameter containing:

tensor([[0.9213],

[0.9151],

[0.9299]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9413 test\_f1-mi: 0.9475

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

torch.Size([26128, 200])

43 16.7848 0.9400 0.9342 0.9400

weight\_b:Parameter containing:

tensor([[0.9209],

[0.9147],

[0.9294]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([26128, 200])

44 16.0818 0.9400 0.9335 0.9400

weight\_b:Parameter containing:

tensor([[0.9205],

[0.9143],

[0.9290]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9443 test\_f1-mi: 0.9500

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

torch.Size([26128, 200])

45 15.4478 0.9450 0.9402 0.9450

weight\_b:Parameter containing:

tensor([[0.9201],

[0.9140],

[0.9286]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9419 test\_f1-mi: 0.9475

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

torch.Size([26128, 200])

46 15.2620 0.9425 0.9376 0.9425

weight\_b:Parameter containing:

tensor([[0.9198],

[0.9136],

[0.9282]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9429 test\_f1-mi: 0.9475

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

torch.Size([26128, 200])

47 15.1180 0.9400 0.9352 0.9400

weight\_b:Parameter containing:

tensor([[0.9194],

[0.9132],

[0.9279]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9426 test\_f1-mi: 0.9475

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

torch.Size([26128, 200])

48 14.9210 0.9375 0.9329 0.9375

weight\_b:Parameter containing:

tensor([[0.9191],

[0.9129],

[0.9275]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9429 test\_f1-mi: 0.9475

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

torch.Size([26128, 200])

49 14.4488 0.9400 0.9357 0.9400

weight\_b:Parameter containing:

tensor([[0.9188],

[0.9126],

[0.9272]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9481 test\_f1-mi: 0.9525

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

torch.Size([26128, 200])

50 13.8599 0.9450 0.9405 0.9450

weight\_b:Parameter containing:

tensor([[0.9185],

[0.9123],

[0.9269]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9445 test\_f1-mi: 0.9500

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

torch.Size([26128, 200])

51 13.5857 0.9425 0.9369 0.9425

weight\_b:Parameter containing:

tensor([[0.9182],

[0.9120],

[0.9266]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9495 test\_f1-mi: 0.9550

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

torch.Size([26128, 200])

52 12.9256 0.9375 0.9316 0.9375

weight\_b:Parameter containing:

tensor([[0.9179],

[0.9117],

[0.9263]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9376 test\_f1-mi: 0.9450

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

torch.Size([26128, 200])

53 12.1917 0.9375 0.9320 0.9375

weight\_b:Parameter containing:

tensor([[0.9176],

[0.9114],

[0.9261]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9327 test\_f1-mi: 0.9400

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

torch.Size([26128, 200])

54 11.8073 0.9400 0.9349 0.9400

weight\_b:Parameter containing:

tensor([[0.9174],

[0.9111],

[0.9258]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9273 test\_f1-mi: 0.9350

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

torch.Size([26128, 200])

55 11.6116 0.9450 0.9408 0.9450

weight\_b:Parameter containing:

tensor([[0.9171],

[0.9109],

[0.9256]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9273 test\_f1-mi: 0.9350

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

torch.Size([26128, 200])

56 10.8576 0.9400 0.9352 0.9400

weight\_b:Parameter containing:

tensor([[0.9169],

[0.9106],

[0.9253]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9273 test\_f1-mi: 0.9350

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

torch.Size([26128, 200])

57 10.1895 0.9375 0.9317 0.9375

weight\_b:Parameter containing:

tensor([[0.9167],

[0.9104],

[0.9251]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9350 test\_f1-mi: 0.9425

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

torch.Size([26128, 200])

58 9.8441 0.9400 0.9343 0.9400

weight\_b:Parameter containing:

tensor([[0.9165],

[0.9102],

[0.9249]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9342 test\_f1-mi: 0.9425

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

torch.Size([26128, 200])

59 9.6651 0.9400 0.9343 0.9400

weight\_b:Parameter containing:

tensor([[0.9162],

[0.9099],

[0.9247]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9379 test\_f1-mi: 0.9450

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

torch.Size([26128, 200])

60 9.2110 0.9450 0.9407 0.9450

weight\_b:Parameter containing:

tensor([[0.9160],

[0.9097],

[0.9244]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([26128, 200])

61 8.9660 0.9425 0.9382 0.9425

weight\_b:Parameter containing:

tensor([[0.9159],

[0.9095],

[0.9242]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9497 test\_f1-mi: 0.9550

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

torch.Size([26128, 200])

62 9.0281 0.9425 0.9382 0.9425

weight\_b:Parameter containing:

tensor([[0.9157],

[0.9094],

[0.9240]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9561 test\_f1-mi: 0.9600

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

torch.Size([26128, 200])

63 8.7217 0.9425 0.9382 0.9425

weight\_b:Parameter containing:

tensor([[0.9155],

[0.9092],

[0.9238]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9500 test\_f1-mi: 0.9550

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

torch.Size([26128, 200])

64 8.2010 0.9425 0.9382 0.9425

weight\_b:Parameter containing:

tensor([[0.9153],

[0.9090],

[0.9236]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9466 test\_f1-mi: 0.9525

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

torch.Size([26128, 200])

65 8.0615 0.9450 0.9407 0.9450

weight\_b:Parameter containing:

tensor([[0.9151],

[0.9088],

[0.9234]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9427 test\_f1-mi: 0.9500

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

torch.Size([26128, 200])

66 7.8735 0.9425 0.9377 0.9425

weight\_b:Parameter containing:

tensor([[0.9150],

[0.9087],

[0.9232]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9427 test\_f1-mi: 0.9500

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

torch.Size([26128, 200])

67 7.3384 0.9450 0.9407 0.9450

weight\_b:Parameter containing:

tensor([[0.9148],

[0.9085],

[0.9230]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9427 test\_f1-mi: 0.9500

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

torch.Size([26128, 200])

68 7.0925 0.9450 0.9410 0.9450

weight\_b:Parameter containing:

tensor([[0.9147],

[0.9084],

[0.9228]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9408 test\_f1-mi: 0.9475

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

torch.Size([26128, 200])

69 6.9355 0.9425 0.9382 0.9425

weight\_b:Parameter containing:

tensor([[0.9145],

[0.9083],

[0.9227]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9386 test\_f1-mi: 0.9450

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

torch.Size([26128, 200])

70 6.5773 0.9450 0.9410 0.9450

weight\_b:Parameter containing:

tensor([[0.9144],

[0.9081],

[0.9225]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9412 test\_f1-mi: 0.9475

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

torch.Size([26128, 200])

71 6.2963 0.9500 0.9464 0.9500

weight\_b:Parameter containing:

tensor([[0.9142],

[0.9080],

[0.9223]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9367 test\_f1-mi: 0.9450

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

torch.Size([26128, 200])

72 6.2307 0.9475 0.9434 0.9475

weight\_b:Parameter containing:

tensor([[0.9141],

[0.9079],

[0.9221]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9359 test\_f1-mi: 0.9450

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

torch.Size([26128, 200])

73 5.8614 0.9475 0.9434 0.9475

weight\_b:Parameter containing:

tensor([[0.9140],

[0.9078],

[0.9220]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9366 test\_f1-mi: 0.9450

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

torch.Size([26128, 200])

74 5.7210 0.9500 0.9466 0.9500

weight\_b:Parameter containing:

tensor([[0.9138],

[0.9077],

[0.9218]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9344 test\_f1-mi: 0.9425

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

torch.Size([26128, 200])

75 5.5616 0.9475 0.9436 0.9475

weight\_b:Parameter containing:

tensor([[0.9137],

[0.9076],

[0.9216]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9344 test\_f1-mi: 0.9425

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

torch.Size([26128, 200])

76 5.3422 0.9500 0.9462 0.9500

weight\_b:Parameter containing:

tensor([[0.9136],

[0.9075],

[0.9215]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9369 test\_f1-mi: 0.9450

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

torch.Size([26128, 200])

77 5.2200 0.9500 0.9462 0.9500

weight\_b:Parameter containing:

tensor([[0.9135],

[0.9074],

[0.9213]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9369 test\_f1-mi: 0.9450

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

torch.Size([26128, 200])

78 5.0084 0.9525 0.9492 0.9525

weight\_b:Parameter containing:

tensor([[0.9134],

[0.9073],

[0.9212]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9314 test\_f1-mi: 0.9400

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

torch.Size([26128, 200])

79 4.8509 0.9500 0.9466 0.9500

weight\_b:Parameter containing:

tensor([[0.9133],

[0.9072],

[0.9211]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9318 test\_f1-mi: 0.9400

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

torch.Size([26128, 200])

80 4.6127 0.9500 0.9464 0.9500

weight\_b:Parameter containing:

tensor([[0.9132],

[0.9071],

[0.9209]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9340 test\_f1-mi: 0.9425

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

torch.Size([26128, 200])

81 4.4554 0.9475 0.9442 0.9475

weight\_b:Parameter containing:

tensor([[0.9131],

[0.9070],

[0.9208]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9340 test\_f1-mi: 0.9425

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

torch.Size([26128, 200])

82 4.2628 0.9525 0.9500 0.9525

weight\_b:Parameter containing:

tensor([[0.9130],

[0.9069],

[0.9207]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9344 test\_f1-mi: 0.9425

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

torch.Size([26128, 200])

83 4.1081 0.9525 0.9500 0.9525

weight\_b:Parameter containing:

tensor([[0.9129],

[0.9068],

[0.9206]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9346 test\_f1-mi: 0.9425

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

torch.Size([26128, 200])

84 3.9603 0.9500 0.9470 0.9500

weight\_b:Parameter containing:

tensor([[0.9128],

[0.9067],

[0.9204]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9315 test\_f1-mi: 0.9400

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

torch.Size([26128, 200])

85 3.7723 0.9525 0.9500 0.9525

weight\_b:Parameter containing:

tensor([[0.9127],

[0.9067],

[0.9203]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9315 test\_f1-mi: 0.9400

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

torch.Size([26128, 200])

86 3.7343 0.9450 0.9418 0.9450

weight\_b:Parameter containing:

tensor([[0.9126],

[0.9066],

[0.9202]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([26128, 200])

87 3.6230 0.9500 0.9470 0.9500

weight\_b:Parameter containing:

tensor([[0.9126],

[0.9065],

[0.9201]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9341 test\_f1-mi: 0.9425

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

torch.Size([26128, 200])

88 3.4632 0.9500 0.9470 0.9500

weight\_b:Parameter containing:

tensor([[0.9125],

[0.9064],

[0.9200]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9341 test\_f1-mi: 0.9425

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

torch.Size([26128, 200])

89 3.3330 0.9475 0.9446 0.9475

weight\_b:Parameter containing:

tensor([[0.9124],

[0.9064],

[0.9199]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([26128, 200])

90 3.1774 0.9500 0.9470 0.9500

weight\_b:Parameter containing:

tensor([[0.9123],

[0.9063],

[0.9198]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9292 test\_f1-mi: 0.9375

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

torch.Size([26128, 200])

91 3.0669 0.9500 0.9470 0.9500

weight\_b:Parameter containing:

tensor([[0.9123],

[0.9062],

[0.9197]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9292 test\_f1-mi: 0.9375

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

torch.Size([26128, 200])

92 2.9473 0.9525 0.9500 0.9525

weight\_b:Parameter containing:

tensor([[0.9122],

[0.9062],

[0.9196]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9330 test\_f1-mi: 0.9400

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

torch.Size([26128, 200])

93 2.8383 0.9550 0.9522 0.9550

weight\_b:Parameter containing:

tensor([[0.9121],

[0.9061],

[0.9195]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9330 test\_f1-mi: 0.9400

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

torch.Size([26128, 200])

94 2.7443 0.9550 0.9522 0.9550

weight\_b:Parameter containing:

tensor([[0.9121],

[0.9060],

[0.9195]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9315 test\_f1-mi: 0.9400

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

torch.Size([26128, 200])

95 2.6341 0.9550 0.9522 0.9550

weight\_b:Parameter containing:

tensor([[0.9120],

[0.9060],

[0.9194]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([26128, 200])

96 2.5505 0.9575 0.9551 0.9575

weight\_b:Parameter containing:

tensor([[0.9119],

[0.9059],

[0.9193]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9297 test\_f1-mi: 0.9375

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

torch.Size([26128, 200])

97 2.4683 0.9575 0.9551 0.9575

weight\_b:Parameter containing:

tensor([[0.9119],

[0.9059],

[0.9193]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([26128, 200])

98 2.3831 0.9575 0.9551 0.9575

weight\_b:Parameter containing:

tensor([[0.9118],

[0.9058],

[0.9192]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9297 test\_f1-mi: 0.9375

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

torch.Size([26128, 200])

99 2.3107 0.9550 0.9522 0.9550

weight\_b:Parameter containing:

tensor([[0.9118],

[0.9057],

[0.9191]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9292 test\_f1-mi: 0.9375

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

torch.Size([26128, 200])

100 2.2110 0.9525 0.9494 0.9525

weight\_b:Parameter containing:

tensor([[0.9117],

[0.9057],

[0.9191]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.9297 test\_f1-mi: 0.9375

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

time: 2753.8496191502

[Classification] Macro-F1: 0.9297 (0.0000) | Micro-F1: 0.9375 (0.0000)

[0.9296804882814531, 0.9375]

Test F1-ma: 0.9296804883, F1-mi: 0.9375000000

Process finished with exit code 0