C:\Users\bryan\anaconda3\envs\pytorch1.11.0\python.exe C:/Users/bryan/Desktop/ZWJ/代码/RE-SSGC/Node\_Classfication.py

small\_alibaba\_1\_10 node number: 4025

torch.Size([21318, 200])

1 1.1060 0.3474 0.2816 0.3474

weight\_b:Parameter containing:

tensor([[0.0334],

[0.0455],

[0.0552],

[0.0746]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2687 test\_f1-mi: 0.3483

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

torch.Size([21318, 200])

2 1.0905 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0368],

[0.0485],

[0.0589],

[0.0759]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2078 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

3 1.0833 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0409],

[0.0525],

[0.0629],

[0.0789]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2078 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

4 1.0828 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0454],

[0.0568],

[0.0641],

[0.0824]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2078 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

5 1.0851 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0499],

[0.0611],

[0.0626],

[0.0858]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2078 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

6 1.0866 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0541],

[0.0652],

[0.0599],

[0.0895]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2078 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

7 1.0865 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0578],

[0.0686],

[0.0567],

[0.0935]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2078 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

8 1.0853 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0607],

[0.0713],

[0.0532],

[0.0979]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2070 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

9 1.0838 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0628],

[0.0730],

[0.0499],

[0.1024]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2070 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

10 1.0825 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0640],

[0.0739],

[0.0470],

[0.1071]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2070 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

11 1.0816 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0646],

[0.0742],

[0.0447],

[0.1120]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

12 1.0814 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0646],

[0.0741],

[0.0433],

[0.1170]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

13 1.0816 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0643],

[0.0737],

[0.0427],

[0.1219]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2131 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

14 1.0822 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0636],

[0.0733],

[0.0429],

[0.1268]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2131 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

15 1.0827 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0624],

[0.0728],

[0.0438],

[0.1315]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2122 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

16 1.0829 0.3871 0.1864 0.3871

weight\_b:Parameter containing:

tensor([[0.0608],

[0.0724],

[0.0452],

[0.1358]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2122 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

17 1.0828 0.3871 0.1864 0.3871

weight\_b:Parameter containing:

tensor([[0.0587],

[0.0719],

[0.0469],

[0.1395]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2186 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

18 1.0824 0.3871 0.1864 0.3871

weight\_b:Parameter containing:

tensor([[0.0560],

[0.0711],

[0.0488],

[0.1425]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2177 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

19 1.0819 0.3896 0.1921 0.3896

weight\_b:Parameter containing:

tensor([[0.0528],

[0.0700],

[0.0506],

[0.1448]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2177 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

20 1.0815 0.3896 0.1921 0.3896

weight\_b:Parameter containing:

tensor([[0.0491],

[0.0683],

[0.0522],

[0.1462]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2177 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

21 1.0813 0.3896 0.1921 0.3896

weight\_b:Parameter containing:

tensor([[0.0450],

[0.0660],

[0.0533],

[0.1467]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2177 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

22 1.0812 0.3896 0.1921 0.3896

weight\_b:Parameter containing:

tensor([[0.0406],

[0.0633],

[0.0538],

[0.1463]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2177 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

23 1.0812 0.3871 0.1864 0.3871

weight\_b:Parameter containing:

tensor([[0.0359],

[0.0601],

[0.0537],

[0.1452]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2186 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

24 1.0814 0.3871 0.1864 0.3871

weight\_b:Parameter containing:

tensor([[0.0311],

[0.0567],

[0.0529],

[0.1436]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2186 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

25 1.0815 0.3871 0.1864 0.3871

weight\_b:Parameter containing:

tensor([[0.0263],

[0.0532],

[0.0517],

[0.1414]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2122 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

26 1.0815 0.3871 0.1864 0.3871

weight\_b:Parameter containing:

tensor([[0.0216],

[0.0498],

[0.0502],

[0.1390]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2057 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

27 1.0815 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0172],

[0.0469],

[0.0485],

[0.1364]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2065 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

28 1.0815 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0133],

[0.0446],

[0.0469],

[0.1338]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

29 1.0814 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0100],

[0.0432],

[0.0456],

[0.1315]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2070 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

30 1.0813 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0074],

[0.0428],

[0.0448],

[0.1295]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2070 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

31 1.0812 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0055],

[0.0431],

[0.0445],

[0.1279]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2070 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

32 1.0812 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0042],

[0.0442],

[0.0448],

[0.1270]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2070 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

33 1.0812 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0034],

[0.0458],

[0.0457],

[0.1266]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2070 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

34 1.0812 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0029],

[0.0479],

[0.0472],

[0.1268]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2070 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

35 1.0812 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0028],

[0.0502],

[0.0491],

[0.1276]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2070 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

36 1.0813 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0027],

[0.0525],

[0.0514],

[0.1288]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2136 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

37 1.0813 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0028],

[0.0549],

[0.0539],

[0.1303]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

38 1.0812 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0027],

[0.0571],

[0.0565],

[0.1322]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

39 1.0812 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0026],

[0.0592],

[0.0591],

[0.1342]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

40 1.0812 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0024],

[0.0609],

[0.0617],

[0.1363]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

41 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0020],

[0.0623],

[0.0641],

[0.1384]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

42 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0014],

[0.0634],

[0.0662],

[0.1404]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

43 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0007],

[0.0641],

[0.0679],

[0.1423]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

44 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[-2.8001e-05],

[ 6.4424e-02],

[ 6.9229e-02],

[ 1.4399e-01]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

45 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[-0.0009],

[ 0.0645],

[ 0.0702],

[ 0.1455]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

46 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[-0.0017],

[ 0.0643],

[ 0.0708],

[ 0.1469]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

47 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[-0.0025],

[ 0.0640],

[ 0.0712],

[ 0.1482]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

48 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[-0.0033],

[ 0.0635],

[ 0.0713],

[ 0.1494]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

49 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[-0.0039],

[ 0.0630],

[ 0.0714],

[ 0.1506]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

50 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[-0.0043],

[ 0.0626],

[ 0.0714],

[ 0.1519]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

51 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0045],

[ 0.0623],

[ 0.0716],

[ 0.1534]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

52 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0044],

[ 0.0622],

[ 0.0718],

[ 0.1549]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

53 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0041],

[ 0.0623],

[ 0.0723],

[ 0.1567]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

54 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0036],

[ 0.0628],

[ 0.0730],

[ 0.1586]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

55 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0029],

[ 0.0635],

[ 0.0739],

[ 0.1607]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

56 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0019],

[ 0.0645],

[ 0.0750],

[ 0.1630]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

57 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0009],

[ 0.0657],

[ 0.0763],

[ 0.1655]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

58 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0003],

[0.0671],

[0.0777],

[0.1681]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

59 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0014],

[0.0687],

[0.0792],

[0.1708]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

60 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0025],

[0.0703],

[0.0808],

[0.1735]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

61 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0035],

[0.0719],

[0.0823],

[0.1763]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

62 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0044],

[0.0734],

[0.0838],

[0.1790]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

63 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0050],

[0.0748],

[0.0851],

[0.1817]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

64 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0054],

[0.0761],

[0.0864],

[0.1843]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

65 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0057],

[0.0771],

[0.0875],

[0.1867]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

66 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0058],

[0.0780],

[0.0885],

[0.1891]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

67 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0057],

[0.0788],

[0.0893],

[0.1913]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

68 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0056],

[0.0795],

[0.0902],

[0.1934]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

69 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0055],

[0.0801],

[0.0909],

[0.1954]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

70 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0054],

[0.0807],

[0.0917],

[0.1974]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

71 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0054],

[0.0814],

[0.0925],

[0.1993]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

72 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0055],

[0.0820],

[0.0934],

[0.2011]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

73 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0057],

[0.0828],

[0.0942],

[0.2030]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

74 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0059],

[0.0835],

[0.0952],

[0.2048]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

75 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0063],

[0.0843],

[0.0962],

[0.2066]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

76 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0067],

[0.0852],

[0.0972],

[0.2085]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

77 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0072],

[0.0861],

[0.0983],

[0.2104]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

78 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0078],

[0.0870],

[0.0993],

[0.2122]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

79 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0083],

[0.0880],

[0.1004],

[0.2141]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

80 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0089],

[0.0890],

[0.1014],

[0.2159]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

81 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0094],

[0.0899],

[0.1025],

[0.2178]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

82 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0098],

[0.0909],

[0.1035],

[0.2195]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

83 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0102],

[0.0918],

[0.1044],

[0.2213]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

84 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0105],

[0.0926],

[0.1054],

[0.2230]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

85 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0108],

[0.0934],

[0.1063],

[0.2247]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

86 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0109],

[0.0941],

[0.1072],

[0.2263]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

87 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0110],

[0.0948],

[0.1082],

[0.2279]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

88 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0110],

[0.0955],

[0.1091],

[0.2294]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

89 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0111],

[0.0961],

[0.1100],

[0.2310]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

90 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0111],

[0.0967],

[0.1110],

[0.2325]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

91 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0111],

[0.0974],

[0.1119],

[0.2340]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

92 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0111],

[0.0980],

[0.1129],

[0.2355]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

93 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0112],

[0.0988],

[0.1138],

[0.2370]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

94 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0113],

[0.0995],

[0.1148],

[0.2385]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

95 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0114],

[0.1002],

[0.1158],

[0.2399]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

96 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0115],

[0.1009],

[0.1167],

[0.2414]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

97 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0116],

[0.1017],

[0.1176],

[0.2428]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

98 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0117],

[0.1023],

[0.1185],

[0.2442]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

99 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0118],

[0.1030],

[0.1194],

[0.2456]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2139 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

100 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0119],

[0.1036],

[0.1203],

[0.2469]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0094]], requires\_grad=True)

test\_f1-ma: 0.2073 test\_f1-mi: 0.4502

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

time: 1014.2780094147

[Classification] Macro-F1: 0.2687 (0.0000) | Micro-F1: 0.4527 (0.0000)

[0.26865201683736034, 0.4527363184079602]

Test F1-ma: 0.2686520168, F1-mi: 0.4527363184

Process finished with exit code 0