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 1.1034 0.3896 0.1970 0.3896

weight\_b:Parameter containing:

tensor([[0.0739],

[0.0675],

[0.1173],

[0.0044]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

test\_f1-ma: 0.2329 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

2 1.0895 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0712],

[0.0658],

[0.1203],

[0.0071]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

3 1.0827 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0704],

[0.0666],

[0.1238],

[0.0110]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

4 1.0819 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0693],

[0.0678],

[0.1245],

[0.0153]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

test\_f1-ma: 0.2145 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

5 1.0840 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0670],

[0.0681],

[0.1227],

[0.0197]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

test\_f1-ma: 0.2145 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

6 1.0858 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0638],

[0.0669],

[0.1197],

[0.0244]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

test\_f1-ma: 0.2145 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

7 1.0858 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0600],

[0.0647],

[0.1162],

[0.0291]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

test\_f1-ma: 0.2148 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

8 1.0847 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0559],

[0.0618],

[0.1123],

[0.0340]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

test\_f1-ma: 0.2081 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

9 1.0831 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0516],

[0.0584],

[0.1084],

[0.0389]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

test\_f1-ma: 0.2081 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

10 1.0820 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0471],

[0.0548],

[0.1046],

[0.0439]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

test\_f1-ma: 0.2081 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

11 1.0814 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0425],

[0.0508],

[0.1009],

[0.0488]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

test\_f1-ma: 0.2081 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

12 1.0815 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0379],

[0.0467],

[0.0974],

[0.0537]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

test\_f1-ma: 0.2081 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

13 1.0819 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0332],

[0.0425],

[0.0942],

[0.0586]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

test\_f1-ma: 0.2081 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

14 1.0824 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0286],

[0.0384],

[0.0911],

[0.0635]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

test\_f1-ma: 0.2081 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

15 1.0827 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0243],

[0.0344],

[0.0885],

[0.0683]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

test\_f1-ma: 0.2081 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

16 1.0827 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0204],

[0.0310],

[0.0862],

[0.0731]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

test\_f1-ma: 0.2081 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

17 1.0824 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0169],

[0.0281],

[0.0845],

[0.0780]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

test\_f1-ma: 0.2081 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

18 1.0820 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0142],

[0.0262],

[0.0834],

[0.0830]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

19 1.0816 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0121],

[0.0251],

[0.0829],

[0.0880]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

20 1.0813 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0108],

[0.0249],

[0.0829],

[0.0930]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

21 1.0812 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0100],

[0.0255],

[0.0832],

[0.0981]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

22 1.0812 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0098],

[0.0266],

[0.0838],

[0.1032]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

23 1.0813 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0099],

[0.0282],

[0.0846],

[0.1083]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

24 1.0814 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0101],

[0.0301],

[0.0853],

[0.1133]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

25 1.0815 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0104],

[0.0322],

[0.0860],

[0.1182]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

26 1.0816 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0105],

[0.0342],

[0.0865],

[0.1230]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

27 1.0815 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0103],

[0.0363],

[0.0869],

[0.1277]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

28 1.0814 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0098],

[0.0382],

[0.0871],

[0.1323]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

29 1.0813 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0088],

[0.0399],

[0.0871],

[0.1366]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

30 1.0812 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0075],

[0.0415],

[0.0871],

[0.1409]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

31 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0057],

[0.0428],

[0.0870],

[0.1450]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

32 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0037],

[0.0440],

[0.0870],

[0.1489]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

33 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0015],

[0.0451],

[0.0870],

[0.1527]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

34 1.0812 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0009],

[ 0.0461],

[ 0.0871],

[ 0.1564]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

35 1.0812 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0033],

[ 0.0471],

[ 0.0873],

[ 0.1600]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

36 1.0812 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0056],

[ 0.0481],

[ 0.0876],

[ 0.1634]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

37 1.0812 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0078],

[ 0.0493],

[ 0.0880],

[ 0.1668]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

38 1.0812 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0097],

[ 0.0505],

[ 0.0884],

[ 0.1699]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

39 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0114],

[ 0.0519],

[ 0.0889],

[ 0.1730]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

40 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0128],

[ 0.0534],

[ 0.0894],

[ 0.1758]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

41 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0138],

[ 0.0550],

[ 0.0899],

[ 0.1785]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

42 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0145],

[ 0.0567],

[ 0.0903],

[ 0.1811]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

43 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0149],

[ 0.0584],

[ 0.0907],

[ 0.1835]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

44 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0150],

[ 0.0602],

[ 0.0911],

[ 0.1858]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

45 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0149],

[ 0.0619],

[ 0.0914],

[ 0.1880]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

46 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0145],

[ 0.0637],

[ 0.0917],

[ 0.1900]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

47 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0141],

[ 0.0654],

[ 0.0920],

[ 0.1920]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

48 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0134],

[ 0.0670],

[ 0.0924],

[ 0.1938]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

49 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0127],

[ 0.0685],

[ 0.0929],

[ 0.1957]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

50 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0120],

[ 0.0700],

[ 0.0934],

[ 0.1975]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], 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([[-0.0112],

[ 0.0714],

[ 0.0940],

[ 0.1992]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], 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([[-0.0103],

[ 0.0728],

[ 0.0948],

[ 0.2010]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], 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([[-0.0095],

[ 0.0742],

[ 0.0957],

[ 0.2028]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], 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([[-0.0086],

[ 0.0756],

[ 0.0967],

[ 0.2046]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], 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([[-0.0076],

[ 0.0770],

[ 0.0979],

[ 0.2063]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], 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([[-0.0066],

[ 0.0784],

[ 0.0991],

[ 0.2081]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], 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([[-0.0056],

[ 0.0799],

[ 0.1003],

[ 0.2099]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

58 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0046],

[ 0.0814],

[ 0.1016],

[ 0.2116]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

59 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[-0.0036],

[ 0.0830],

[ 0.1029],

[ 0.2133]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

60 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[-0.0026],

[ 0.0845],

[ 0.1042],

[ 0.2149]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

61 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[-0.0016],

[ 0.0860],

[ 0.1053],

[ 0.2165]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

62 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[-0.0007],

[ 0.0875],

[ 0.1064],

[ 0.2180]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

63 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[5.8724e-05],

[8.8923e-02],

[1.0743e-01],

[2.1947e-01]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

64 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0008],

[0.0902],

[0.1083],

[0.2208]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

65 1.0810 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0013],

[0.0914],

[0.1092],

[0.2221]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

66 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0018],

[0.0924],

[0.1099],

[0.2234]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

67 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0021],

[0.0934],

[0.1107],

[0.2246]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

68 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0024],

[0.0942],

[0.1114],

[0.2258]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

69 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0025],

[0.0949],

[0.1121],

[0.2269]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

70 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0027],

[0.0956],

[0.1128],

[0.2281]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

71 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0028],

[0.0962],

[0.1136],

[0.2293]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

72 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0030],

[0.0968],

[0.1145],

[0.2305]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

73 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0033],

[0.0975],

[0.1154],

[0.2317]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

74 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0036],

[0.0982],

[0.1163],

[0.2330]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

75 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0040],

[0.0989],

[0.1173],

[0.2343]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

76 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0045],

[0.0997],

[0.1183],

[0.2356]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

77 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0050],

[0.1006],

[0.1193],

[0.2369]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], 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([[0.0056],

[0.1015],

[0.1204],

[0.2382]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], 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([[0.0062],

[0.1024],

[0.1214],

[0.2395]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], 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([[0.0068],

[0.1032],

[0.1224],

[0.2408]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

81 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0074],

[0.1040],

[0.1234],

[0.2421]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

82 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0079],

[0.1048],

[0.1244],

[0.2433]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

83 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0084],

[0.1055],

[0.1253],

[0.2445]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

84 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0087],

[0.1061],

[0.1262],

[0.2457]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

85 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0090],

[0.1067],

[0.1271],

[0.2469]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], 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([[0.0091],

[0.1071],

[0.1279],

[0.2481]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

87 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0092],

[0.1076],

[0.1287],

[0.2492]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

88 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0093],

[0.1080],

[0.1295],

[0.2504]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

89 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0093],

[0.1084],

[0.1304],

[0.2515]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

90 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0094],

[0.1088],

[0.1312],

[0.2527]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

91 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0094],

[0.1092],

[0.1320],

[0.2539]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

92 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0095],

[0.1096],

[0.1329],

[0.2550]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

93 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0096],

[0.1101],

[0.1338],

[0.2562]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

94 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0097],

[0.1106],

[0.1346],

[0.2574]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

95 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0098],

[0.1111],

[0.1355],

[0.2586]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

96 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0099],

[0.1117],

[0.1364],

[0.2597]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

97 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0100],

[0.1122],

[0.1373],

[0.2609]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

98 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0101],

[0.1127],

[0.1382],

[0.2621]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

99 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0102],

[0.1131],

[0.1391],

[0.2632]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

torch.Size([21318, 200])

100 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0102],

[0.1136],

[0.1399],

[0.2643]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0003]], requires\_grad=True)

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

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

time: 1109.7801742554

[Classification] Macro-F1: 0.2329 (0.0000) | Micro-F1: 0.4502 (0.0000)

[0.2328689941909036, 0.45024875621890553]

Test F1-ma: 0.2328689942, F1-mi: 0.4502487562

Process finished with exit code 0