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, 128])

1 1.1085 0.3077 0.1572 0.3077

weight\_b:Parameter containing:

tensor([[0.1049],

[0.1303],

[0.0010],

[0.0080]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0040]], requires\_grad=True)

test\_f1-ma: 0.1486 test\_f1-mi: 0.2861

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

torch.Size([21318, 128])

2 1.0951 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.1065],

[0.1317],

[0.0028],

[0.0109]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0070]], requires\_grad=True)

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

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

torch.Size([21318, 128])

3 1.0865 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.1098],

[0.1349],

[0.0061],

[0.0148]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0102]], requires\_grad=True)

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

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

torch.Size([21318, 128])

4 1.0824 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.1139],

[0.1389],

[0.0096],

[0.0192]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0138]], requires\_grad=True)

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

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

torch.Size([21318, 128])

5 1.0823 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.1182],

[0.1429],

[0.0105],

[0.0237]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0162]], requires\_grad=True)

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

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

torch.Size([21318, 128])

6 1.0842 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.1226],

[0.1465],

[0.0090],

[0.0283]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0163]], requires\_grad=True)

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

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

torch.Size([21318, 128])

7 1.0860 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.1268],

[0.1491],

[0.0065],

[0.0330]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0151]], requires\_grad=True)

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

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

torch.Size([21318, 128])

8 1.0866 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.1307],

[0.1505],

[0.0034],

[0.0378]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0135]], requires\_grad=True)

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

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

torch.Size([21318, 128])

9 1.0861 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[1.3384e-01],

[1.5082e-01],

[3.6361e-05],

[4.2693e-02]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0118]], requires\_grad=True)

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

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

torch.Size([21318, 128])

10 1.0851 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[ 0.1362],

[ 0.1502],

[-0.0033],

[ 0.0477]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0103]], requires\_grad=True)

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

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

torch.Size([21318, 128])

11 1.0839 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[ 0.1377],

[ 0.1488],

[-0.0064],

[ 0.0527]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0092]], requires\_grad=True)

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

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

torch.Size([21318, 128])

12 1.0828 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[ 0.1386],

[ 0.1470],

[-0.0089],

[ 0.0578]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0084]], requires\_grad=True)

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

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

torch.Size([21318, 128])

13 1.0821 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[ 0.1389],

[ 0.1450],

[-0.0105],

[ 0.0630]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0079]], requires\_grad=True)

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

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

torch.Size([21318, 128])

14 1.0818 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[ 0.1388],

[ 0.1431],

[-0.0110],

[ 0.0683]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0074]], requires\_grad=True)

test\_f1-ma: 0.2246 test\_f1-mi: 0.4527

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

torch.Size([21318, 128])

15 1.0818 0.3896 0.1920 0.3896

weight\_b:Parameter containing:

tensor([[ 0.1386],

[ 0.1414],

[-0.0104],

[ 0.0736]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0066]], requires\_grad=True)

test\_f1-ma: 0.2246 test\_f1-mi: 0.4527

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

torch.Size([21318, 128])

16 1.0821 0.3896 0.1920 0.3896

weight\_b:Parameter containing:

tensor([[ 0.1384],

[ 0.1402],

[-0.0089],

[ 0.0790]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0052]], requires\_grad=True)

test\_f1-ma: 0.2238 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

17 1.0824 0.3896 0.1920 0.3896

weight\_b:Parameter containing:

tensor([[ 0.1383],

[ 0.1395],

[-0.0067],

[ 0.0842]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0031]], requires\_grad=True)

test\_f1-ma: 0.2238 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

18 1.0827 0.3896 0.1920 0.3896

weight\_b:Parameter containing:

tensor([[ 0.1383],

[ 0.1394],

[-0.0039],

[ 0.0895]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2238 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

19 1.0828 0.3896 0.1920 0.3896

weight\_b:Parameter containing:

tensor([[ 0.1386],

[ 0.1396],

[-0.0008],

[ 0.0945]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0031]], requires\_grad=True)

test\_f1-ma: 0.2238 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

20 1.0827 0.3896 0.1920 0.3896

weight\_b:Parameter containing:

tensor([[0.1391],

[0.1402],

[0.0027],

[0.0994]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0069]], requires\_grad=True)

test\_f1-ma: 0.2238 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

21 1.0824 0.3896 0.1920 0.3896

weight\_b:Parameter containing:

tensor([[0.1399],

[0.1410],

[0.0062],

[0.1039]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0111]], requires\_grad=True)

test\_f1-ma: 0.2238 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

22 1.0821 0.3896 0.1920 0.3896

weight\_b:Parameter containing:

tensor([[0.1408],

[0.1417],

[0.0097],

[0.1081]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0154]], requires\_grad=True)

test\_f1-ma: 0.2238 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

23 1.0818 0.3896 0.1920 0.3896

weight\_b:Parameter containing:

tensor([[0.1419],

[0.1424],

[0.0132],

[0.1119]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0199]], requires\_grad=True)

test\_f1-ma: 0.2238 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

24 1.0816 0.3896 0.1920 0.3896

weight\_b:Parameter containing:

tensor([[0.1431],

[0.1428],

[0.0165],

[0.1153]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0243]], requires\_grad=True)

test\_f1-ma: 0.2238 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

25 1.0815 0.3896 0.1920 0.3896

weight\_b:Parameter containing:

tensor([[0.1443],

[0.1428],

[0.0195],

[0.1182]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0284]], requires\_grad=True)

test\_f1-ma: 0.2238 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

26 1.0815 0.3896 0.1920 0.3896

weight\_b:Parameter containing:

tensor([[0.1455],

[0.1424],

[0.0222],

[0.1206]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0320]], requires\_grad=True)

test\_f1-ma: 0.2238 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

27 1.0816 0.3896 0.1920 0.3896

weight\_b:Parameter containing:

tensor([[0.1468],

[0.1417],

[0.0248],

[0.1227]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0351]], requires\_grad=True)

test\_f1-ma: 0.2238 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

28 1.0816 0.3896 0.1920 0.3896

weight\_b:Parameter containing:

tensor([[0.1480],

[0.1409],

[0.0273],

[0.1244]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0377]], requires\_grad=True)

test\_f1-ma: 0.2235 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

29 1.0815 0.3896 0.1920 0.3896

weight\_b:Parameter containing:

tensor([[0.1493],

[0.1401],

[0.0301],

[0.1258]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0398]], requires\_grad=True)

test\_f1-ma: 0.2235 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

30 1.0814 0.3896 0.1929 0.3896

weight\_b:Parameter containing:

tensor([[0.1503],

[0.1393],

[0.0330],

[0.1264]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0412]], requires\_grad=True)

test\_f1-ma: 0.2218 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

31 1.0814 0.3871 0.1919 0.3871

weight\_b:Parameter containing:

tensor([[0.1506],

[0.1379],

[0.0349],

[0.1257]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0411]], requires\_grad=True)

test\_f1-ma: 0.2277 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

32 1.0813 0.3871 0.1919 0.3871

weight\_b:Parameter containing:

tensor([[0.1504],

[0.1360],

[0.0364],

[0.1240]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0400]], requires\_grad=True)

test\_f1-ma: 0.2213 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

33 1.0812 0.3896 0.1929 0.3896

weight\_b:Parameter containing:

tensor([[0.1501],

[0.1340],

[0.0382],

[0.1220]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0388]], requires\_grad=True)

test\_f1-ma: 0.2221 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

34 1.0811 0.3896 0.1929 0.3896

weight\_b:Parameter containing:

tensor([[0.1499],

[0.1322],

[0.0405],

[0.1202]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0377]], requires\_grad=True)

test\_f1-ma: 0.2163 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

35 1.0811 0.3871 0.1874 0.3871

weight\_b:Parameter containing:

tensor([[0.1496],

[0.1304],

[0.0433],

[0.1185]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0368]], requires\_grad=True)

test\_f1-ma: 0.2166 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

36 1.0810 0.3871 0.1874 0.3871

weight\_b:Parameter containing:

tensor([[0.1492],

[0.1287],

[0.0464],

[0.1172]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2166 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

37 1.0809 0.3871 0.1874 0.3871

weight\_b:Parameter containing:

tensor([[0.1487],

[0.1271],

[0.0498],

[0.1162]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0362]], requires\_grad=True)

test\_f1-ma: 0.2288 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

38 1.0809 0.3896 0.1929 0.3896

weight\_b:Parameter containing:

tensor([[0.1478],

[0.1254],

[0.0533],

[0.1154]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0362]], requires\_grad=True)

test\_f1-ma: 0.2288 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

39 1.0809 0.3896 0.1929 0.3896

weight\_b:Parameter containing:

tensor([[0.1466],

[0.1234],

[0.0566],

[0.1147]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0361]], requires\_grad=True)

test\_f1-ma: 0.2288 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

40 1.0808 0.3896 0.1929 0.3896

weight\_b:Parameter containing:

tensor([[0.1450],

[0.1211],

[0.0598],

[0.1140]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0363]], requires\_grad=True)

test\_f1-ma: 0.2288 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

41 1.0808 0.3871 0.1874 0.3871

weight\_b:Parameter containing:

tensor([[0.1431],

[0.1185],

[0.0632],

[0.1137]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0369]], requires\_grad=True)

test\_f1-ma: 0.2172 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

42 1.0807 0.3871 0.1874 0.3871

weight\_b:Parameter containing:

tensor([[0.1409],

[0.1156],

[0.0667],

[0.1138]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0383]], requires\_grad=True)

test\_f1-ma: 0.2172 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

43 1.0806 0.3871 0.1874 0.3871

weight\_b:Parameter containing:

tensor([[0.1386],

[0.1127],

[0.0702],

[0.1144]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0402]], requires\_grad=True)

test\_f1-ma: 0.2229 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

44 1.0805 0.3896 0.1929 0.3896

weight\_b:Parameter containing:

tensor([[0.1362],

[0.1098],

[0.0736],

[0.1155]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0425]], requires\_grad=True)

test\_f1-ma: 0.2229 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

45 1.0803 0.3871 0.1874 0.3871

weight\_b:Parameter containing:

tensor([[0.1339],

[0.1068],

[0.0770],

[0.1171]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0454]], requires\_grad=True)

test\_f1-ma: 0.2172 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

46 1.0801 0.3871 0.1917 0.3871

weight\_b:Parameter containing:

tensor([[0.1318],

[0.1040],

[0.0802],

[0.1191]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0485]], requires\_grad=True)

test\_f1-ma: 0.2229 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

47 1.0799 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1297],

[0.1013],

[0.0836],

[0.1216]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0521]], requires\_grad=True)

test\_f1-ma: 0.2166 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

48 1.0802 0.3896 0.1926 0.3896

weight\_b:Parameter containing:

tensor([[0.1274],

[0.0990],

[0.0853],

[0.1247]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0540]], requires\_grad=True)

test\_f1-ma: 0.2166 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

49 1.0810 0.3945 0.2031 0.3945

weight\_b:Parameter containing:

tensor([[0.1243],

[0.0958],

[0.0851],

[0.1280]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0540]], requires\_grad=True)

test\_f1-ma: 0.2045 test\_f1-mi: 0.4403

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

torch.Size([21318, 128])

50 1.0796 0.3871 0.1917 0.3871

weight\_b:Parameter containing:

tensor([[0.1215],

[0.0935],

[0.0855],

[0.1317]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0546]], requires\_grad=True)

test\_f1-ma: 0.2109 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

51 1.0803 0.3896 0.1925 0.3896

weight\_b:Parameter containing:

tensor([[0.1190],

[0.0918],

[0.0844],

[0.1356]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0536]], requires\_grad=True)

test\_f1-ma: 0.2109 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

52 1.0797 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1174],

[0.0912],

[0.0843],

[0.1398]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0534]], requires\_grad=True)

test\_f1-ma: 0.2113 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

53 1.0803 0.3970 0.2040 0.3970

weight\_b:Parameter containing:

tensor([[0.1165],

[0.0910],

[0.0843],

[0.1443]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0535]], requires\_grad=True)

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

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

torch.Size([21318, 128])

54 1.0798 0.3896 0.1879 0.3896

weight\_b:Parameter containing:

tensor([[0.1165],

[0.0917],

[0.0854],

[0.1492]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0546]], requires\_grad=True)

test\_f1-ma: 0.2113 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

55 1.0799 0.3921 0.1934 0.3921

weight\_b:Parameter containing:

tensor([[0.1172],

[0.0934],

[0.0864],

[0.1543]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0556]], requires\_grad=True)

test\_f1-ma: 0.2113 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

56 1.0798 0.3896 0.1926 0.3896

weight\_b:Parameter containing:

tensor([[0.1185],

[0.0955],

[0.0872],

[0.1595]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0565]], requires\_grad=True)

test\_f1-ma: 0.2106 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

57 1.0795 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1202],

[0.0980],

[0.0886],

[0.1648]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0579]], requires\_grad=True)

test\_f1-ma: 0.2106 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

58 1.0797 0.3945 0.2031 0.3945

weight\_b:Parameter containing:

tensor([[0.1219],

[0.1003],

[0.0902],

[0.1700]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0596]], requires\_grad=True)

test\_f1-ma: 0.2050 test\_f1-mi: 0.4428

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

torch.Size([21318, 128])

59 1.0793 0.3896 0.1879 0.3896

weight\_b:Parameter containing:

tensor([[0.1234],

[0.1026],

[0.0923],

[0.1755]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0619]], requires\_grad=True)

test\_f1-ma: 0.2174 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

60 1.0795 0.3921 0.1934 0.3921

weight\_b:Parameter containing:

tensor([[0.1242],

[0.1050],

[0.0937],

[0.1809]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2174 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

61 1.0792 0.3871 0.1917 0.3871

weight\_b:Parameter containing:

tensor([[0.1240],

[0.1072],

[0.0951],

[0.1862]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0651]], requires\_grad=True)

test\_f1-ma: 0.2174 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

62 1.0794 0.3871 0.1912 0.3871

weight\_b:Parameter containing:

tensor([[0.1227],

[0.1086],

[0.0965],

[0.1913]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0666]], requires\_grad=True)

test\_f1-ma: 0.2118 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

63 1.0792 0.3896 0.1971 0.3896

weight\_b:Parameter containing:

tensor([[0.1206],

[0.1093],

[0.0976],

[0.1959]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0678]], requires\_grad=True)

test\_f1-ma: 0.2109 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

64 1.0791 0.3896 0.1971 0.3896

weight\_b:Parameter containing:

tensor([[0.1179],

[0.1096],

[0.0985],

[0.2001]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0687]], requires\_grad=True)

test\_f1-ma: 0.2174 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

65 1.0793 0.3871 0.1864 0.3871

weight\_b:Parameter containing:

tensor([[0.1146],

[0.1098],

[0.0998],

[0.2043]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0700]], requires\_grad=True)

test\_f1-ma: 0.2115 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

66 1.0790 0.3846 0.1862 0.3846

weight\_b:Parameter containing:

tensor([[0.1112],

[0.1101],

[0.1014],

[0.2085]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0716]], requires\_grad=True)

test\_f1-ma: 0.2174 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

67 1.0791 0.3871 0.1917 0.3871

weight\_b:Parameter containing:

tensor([[0.1077],

[0.1105],

[0.1030],

[0.2126]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0731]], requires\_grad=True)

test\_f1-ma: 0.2174 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

68 1.0791 0.3871 0.1912 0.3871

weight\_b:Parameter containing:

tensor([[0.1040],

[0.1108],

[0.1049],

[0.2166]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0750]], requires\_grad=True)

test\_f1-ma: 0.2115 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

69 1.0789 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1003],

[0.1110],

[0.1072],

[0.2204]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0772]], requires\_grad=True)

test\_f1-ma: 0.2174 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

70 1.0790 0.3921 0.1980 0.3921

weight\_b:Parameter containing:

tensor([[0.0963],

[0.1112],

[0.1091],

[0.2238]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0789]], requires\_grad=True)

test\_f1-ma: 0.2174 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

71 1.0791 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0919],

[0.1112],

[0.1111],

[0.2270]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0807]], requires\_grad=True)

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

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

torch.Size([21318, 128])

72 1.0789 0.3921 0.1980 0.3921

weight\_b:Parameter containing:

tensor([[0.0873],

[0.1113],

[0.1128],

[0.2300]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0821]], requires\_grad=True)

test\_f1-ma: 0.2183 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

73 1.0787 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0829],

[0.1116],

[0.1147],

[0.2328]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0837]], requires\_grad=True)

test\_f1-ma: 0.2183 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

74 1.0788 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0789],

[0.1120],

[0.1167],

[0.2355]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0854]], requires\_grad=True)

test\_f1-ma: 0.2174 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

75 1.0789 0.3896 0.1929 0.3896

weight\_b:Parameter containing:

tensor([[0.0753],

[0.1126],

[0.1183],

[0.2378]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0868]], requires\_grad=True)

test\_f1-ma: 0.2174 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

76 1.0787 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0720],

[0.1136],

[0.1203],

[0.2402]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0885]], requires\_grad=True)

test\_f1-ma: 0.2183 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

77 1.0786 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0689],

[0.1150],

[0.1224],

[0.2424]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0903]], requires\_grad=True)

test\_f1-ma: 0.2183 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

78 1.0787 0.3896 0.1929 0.3896

weight\_b:Parameter containing:

tensor([[0.0658],

[0.1165],

[0.1244],

[0.2444]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0920]], requires\_grad=True)

test\_f1-ma: 0.2183 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

79 1.0789 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0627],

[0.1182],

[0.1263],

[0.2464]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0936]], requires\_grad=True)

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

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

torch.Size([21318, 128])

80 1.0796 0.3722 0.2061 0.3722

weight\_b:Parameter containing:

tensor([[0.0596],

[0.1195],

[0.1264],

[0.2473]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0934]], requires\_grad=True)

test\_f1-ma: 0.2433 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

81 1.0792 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0573],

[0.1211],

[0.1264],

[0.2485]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0934]], requires\_grad=True)

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

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

torch.Size([21318, 128])

82 1.0790 0.3896 0.1872 0.3896

weight\_b:Parameter containing:

tensor([[0.0559],

[0.1234],

[0.1271],

[0.2504]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0941]], requires\_grad=True)

test\_f1-ma: 0.2123 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

83 1.0796 0.3896 0.1925 0.3896

weight\_b:Parameter containing:

tensor([[0.0553],

[0.1261],

[0.1273],

[0.2523]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0943]], requires\_grad=True)

test\_f1-ma: 0.2174 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

84 1.0791 0.3921 0.2021 0.3921

weight\_b:Parameter containing:

tensor([[0.0550],

[0.1290],

[0.1277],

[0.2545]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0948]], requires\_grad=True)

test\_f1-ma: 0.2125 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

85 1.0788 0.3846 0.1862 0.3846

weight\_b:Parameter containing:

tensor([[0.0544],

[0.1319],

[0.1286],

[0.2569]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0957]], requires\_grad=True)

test\_f1-ma: 0.2183 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

86 1.0796 0.3896 0.1973 0.3896

weight\_b:Parameter containing:

tensor([[0.0530],

[0.1344],

[0.1278],

[0.2586]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0950]], requires\_grad=True)

test\_f1-ma: 0.2183 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

87 1.0790 0.3896 0.1965 0.3896

weight\_b:Parameter containing:

tensor([[0.0515],

[0.1366],

[0.1271],

[0.2605]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0944]], requires\_grad=True)

test\_f1-ma: 0.2125 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

88 1.0786 0.3871 0.1916 0.3871

weight\_b:Parameter containing:

tensor([[0.0505],

[0.1387],

[0.1267],

[0.2626]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0942]], requires\_grad=True)

test\_f1-ma: 0.2118 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

89 1.0792 0.3846 0.1865 0.3846

weight\_b:Parameter containing:

tensor([[0.0497],

[0.1409],

[0.1258],

[0.2644]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0935]], requires\_grad=True)

test\_f1-ma: 0.2174 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

90 1.0790 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0492],

[0.1435],

[0.1253],

[0.2668]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0932]], requires\_grad=True)

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

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

torch.Size([21318, 128])

91 1.0786 0.3896 0.1972 0.3896

weight\_b:Parameter containing:

tensor([[0.0488],

[0.1462],

[0.1252],

[0.2691]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0933]], requires\_grad=True)

test\_f1-ma: 0.2118 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

92 1.0786 0.3896 0.1972 0.3896

weight\_b:Parameter containing:

tensor([[0.0482],

[0.1485],

[0.1252],

[0.2711]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0935]], requires\_grad=True)

test\_f1-ma: 0.2118 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

93 1.0785 0.3846 0.1862 0.3846

weight\_b:Parameter containing:

tensor([[0.0467],

[0.1508],

[0.1256],

[0.2732]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0939]], requires\_grad=True)

test\_f1-ma: 0.2183 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

94 1.0787 0.3871 0.1919 0.3871

weight\_b:Parameter containing:

tensor([[0.0443],

[0.1529],

[0.1257],

[0.2748]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0939]], requires\_grad=True)

test\_f1-ma: 0.2183 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

95 1.0785 0.3846 0.1855 0.3846

weight\_b:Parameter containing:

tensor([[0.0415],

[0.1547],

[0.1259],

[0.2765]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0940]], requires\_grad=True)

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

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

torch.Size([21318, 128])

96 1.0786 0.3871 0.1920 0.3871

weight\_b:Parameter containing:

tensor([[0.0383],

[0.1559],

[0.1255],

[0.2774]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0936]], requires\_grad=True)

test\_f1-ma: 0.2174 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

97 1.0788 0.3921 0.2021 0.3921

weight\_b:Parameter containing:

tensor([[0.0352],

[0.1565],

[0.1250],

[0.2781]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0931]], requires\_grad=True)

test\_f1-ma: 0.2117 test\_f1-mi: 0.4453

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

torch.Size([21318, 128])

98 1.0784 0.3846 0.1865 0.3846

weight\_b:Parameter containing:

tensor([[0.0323],

[0.1573],

[0.1246],

[0.2787]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0926]], requires\_grad=True)

test\_f1-ma: 0.2174 test\_f1-mi: 0.4478

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

torch.Size([21318, 128])

99 1.0785 0.3846 0.1865 0.3846

weight\_b:Parameter containing:

tensor([[0.0295],

[0.1586],

[0.1248],

[0.2798]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0927]], requires\_grad=True)

test\_f1-ma: 0.2183 test\_f1-mi: 0.4502

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

torch.Size([21318, 128])

100 1.0785 0.3846 0.1855 0.3846

weight\_b:Parameter containing:

tensor([[0.0269],

[0.1604],

[0.1255],

[0.2813]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0934]], requires\_grad=True)

test\_f1-ma: 0.2123 test\_f1-mi: 0.4478

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

time: 1035.8436141014

[Classification] Macro-F1: 0.2433 (0.0000) | Micro-F1: 0.4453 (0.0000)

[0.24334202042938521, 0.445273631840796]

Test F1-ma: 0.2433420204, F1-mi: 0.4452736318

Process finished with exit code 0