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 1.0880 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0596],

[0.0750],

[0.1316],

[0.0169]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

2 1.0820 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0568],

[0.0799],

[0.1345],

[0.0217]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0152]], requires\_grad=True)

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

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

torch.Size([21318, 200])

3 1.0832 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0558],

[0.0809],

[0.1318],

[0.0265]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0129]], requires\_grad=True)

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

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

torch.Size([21318, 200])

4 1.0831 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0540],

[0.0797],

[0.1285],

[0.0315]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0098]], requires\_grad=True)

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

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

torch.Size([21318, 200])

5 1.0821 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0510],

[0.0774],

[0.1252],

[0.0365]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

6 1.0815 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0474],

[0.0743],

[0.1221],

[0.0414]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0048]], requires\_grad=True)

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

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

torch.Size([21318, 200])

7 1.0814 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0433],

[0.0707],

[0.1190],

[0.0464]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0028]], requires\_grad=True)

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

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

torch.Size([21318, 200])

8 1.0817 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0390],

[0.0669],

[0.1161],

[0.0513]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0007]], requires\_grad=True)

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

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

torch.Size([21318, 200])

9 1.0819 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0349],

[0.0633],

[0.1135],

[0.0563]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0017]], requires\_grad=True)

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

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

torch.Size([21318, 200])

10 1.0817 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0313],

[0.0601],

[0.1113],

[0.0613]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0042]], 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([[0.0283],

[0.0573],

[0.1093],

[0.0663]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0068]], requires\_grad=True)

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

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

torch.Size([21318, 200])

12 1.0812 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0261],

[0.0550],

[0.1074],

[0.0713]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

13 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0246],

[0.0530],

[0.1054],

[0.0764]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0113]], requires\_grad=True)

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

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

torch.Size([21318, 200])

14 1.0812 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0237],

[0.0511],

[0.1031],

[0.0815]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0132]], requires\_grad=True)

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

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

torch.Size([21318, 200])

15 1.0813 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0234],

[0.0496],

[0.1004],

[0.0866]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0148]], requires\_grad=True)

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

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

torch.Size([21318, 200])

16 1.0813 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0236],

[0.0486],

[0.0976],

[0.0917]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0161]], requires\_grad=True)

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

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

torch.Size([21318, 200])

17 1.0812 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0243],

[0.0483],

[0.0949],

[0.0969]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0172]], requires\_grad=True)

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

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

torch.Size([21318, 200])

18 1.0811 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0252],

[0.0488],

[0.0925],

[0.1020]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0183]], requires\_grad=True)

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

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

torch.Size([21318, 200])

19 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0263],

[0.0500],

[0.0908],

[0.1072]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0194]], requires\_grad=True)

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

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

torch.Size([21318, 200])

20 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0275],

[0.0520],

[0.0899],

[0.1125]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0205]], requires\_grad=True)

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

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

torch.Size([21318, 200])

21 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0285],

[0.0545],

[0.0898],

[0.1177]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0217]], requires\_grad=True)

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

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

torch.Size([21318, 200])

22 1.0810 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0295],

[0.0575],

[0.0907],

[0.1231]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0230]], requires\_grad=True)

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

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

torch.Size([21318, 200])

23 1.0809 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0306],

[0.0609],

[0.0923],

[0.1285]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0246]], requires\_grad=True)

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

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

torch.Size([21318, 200])

24 1.0807 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0320],

[0.0646],

[0.0944],

[0.1339]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0263]], requires\_grad=True)

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

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

torch.Size([21318, 200])

25 1.0806 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0341],

[0.0685],

[0.0967],

[0.1393]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0281]], requires\_grad=True)

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

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

torch.Size([21318, 200])

26 1.0806 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0367],

[0.0721],

[0.0990],

[0.1447]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0297]], requires\_grad=True)

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

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

torch.Size([21318, 200])

27 1.0805 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0400],

[0.0753],

[0.1010],

[0.1500]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0312]], requires\_grad=True)

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

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

torch.Size([21318, 200])

28 1.0804 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0437],

[0.0779],

[0.1028],

[0.1552]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0326]], requires\_grad=True)

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

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

torch.Size([21318, 200])

29 1.0803 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0479],

[0.0801],

[0.1047],

[0.1602]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0342]], requires\_grad=True)

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

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

torch.Size([21318, 200])

30 1.0802 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0524],

[0.0822],

[0.1069],

[0.1652]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0360]], requires\_grad=True)

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

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

torch.Size([21318, 200])

31 1.0802 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0573],

[0.0844],

[0.1094],

[0.1702]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0382]], requires\_grad=True)

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

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

torch.Size([21318, 200])

32 1.0801 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0625],

[0.0866],

[0.1123],

[0.1750]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0405]], requires\_grad=True)

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

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

torch.Size([21318, 200])

33 1.0800 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0679],

[0.0887],

[0.1153],

[0.1797]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0429]], requires\_grad=True)

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

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

torch.Size([21318, 200])

34 1.0798 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0736],

[0.0904],

[0.1186],

[0.1842]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0456]], requires\_grad=True)

test\_f1-ma: 0.2128 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

35 1.0797 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0795],

[0.0912],

[0.1220],

[0.1885]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0483]], requires\_grad=True)

test\_f1-ma: 0.2128 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

36 1.0795 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0856],

[0.0912],

[0.1256],

[0.1927]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0513]], requires\_grad=True)

test\_f1-ma: 0.2128 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

37 1.0793 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0919],

[0.0907],

[0.1294],

[0.1967]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0544]], requires\_grad=True)

test\_f1-ma: 0.2128 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

38 1.0790 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0982],

[0.0901],

[0.1336],

[0.2007]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0577]], requires\_grad=True)

test\_f1-ma: 0.2128 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

39 1.0788 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.1048],

[0.0896],

[0.1380],

[0.2048]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0610]], requires\_grad=True)

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

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

torch.Size([21318, 200])

40 1.0786 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.1114],

[0.0891],

[0.1428],

[0.2091]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0647]], requires\_grad=True)

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

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

torch.Size([21318, 200])

41 1.0784 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.1181],

[0.0883],

[0.1477],

[0.2135]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0684]], requires\_grad=True)

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

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

torch.Size([21318, 200])

42 1.0782 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.1248],

[0.0873],

[0.1527],

[0.2180]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0722]], requires\_grad=True)

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

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

torch.Size([21318, 200])

43 1.0780 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.1314],

[0.0859],

[0.1576],

[0.2227]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0760]], requires\_grad=True)

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

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

torch.Size([21318, 200])

44 1.0781 0.3896 0.1872 0.3896

weight\_b:Parameter containing:

tensor([[0.1377],

[0.0851],

[0.1627],

[0.2275]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0800]], requires\_grad=True)

test\_f1-ma: 0.2128 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

45 1.0809 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.1427],

[0.0819],

[0.1623],

[0.2309]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0804]], requires\_grad=True)

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

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

torch.Size([21318, 200])

46 1.0801 0.3945 0.2085 0.3945

weight\_b:Parameter containing:

tensor([[0.1466],

[0.0790],

[0.1624],

[0.2345]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0811]], requires\_grad=True)

test\_f1-ma: 0.2194 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

47 1.0787 0.3921 0.1975 0.3921

weight\_b:Parameter containing:

tensor([[0.1503],

[0.0769],

[0.1632],

[0.2386]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0823]], requires\_grad=True)

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

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

torch.Size([21318, 200])

48 1.0790 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.1539],

[0.0739],

[0.1630],

[0.2423]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0826]], requires\_grad=True)

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

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

torch.Size([21318, 200])

49 1.0787 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.1576],

[0.0706],

[0.1621],

[0.2458]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

50 1.0778 0.3921 0.1927 0.3921

weight\_b:Parameter containing:

tensor([[0.1617],

[0.0683],

[0.1621],

[0.2499]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0824]], requires\_grad=True)

test\_f1-ma: 0.2201 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

51 1.0787 0.3921 0.1927 0.3921

weight\_b:Parameter containing:

tensor([[0.1660],

[0.0669],

[0.1631],

[0.2545]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0834]], requires\_grad=True)

test\_f1-ma: 0.2201 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

52 1.0775 0.3921 0.1927 0.3921

weight\_b:Parameter containing:

tensor([[0.1707],

[0.0660],

[0.1647],

[0.2595]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0848]], requires\_grad=True)

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

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

torch.Size([21318, 200])

53 1.0782 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.1755],

[0.0646],

[0.1658],

[0.2643]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0857]], requires\_grad=True)

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

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

torch.Size([21318, 200])

54 1.0774 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.1805],

[0.0633],

[0.1667],

[0.2691]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0865]], requires\_grad=True)

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

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

torch.Size([21318, 200])

55 1.0773 0.3921 0.1927 0.3921

weight\_b:Parameter containing:

tensor([[0.1857],

[0.0624],

[0.1683],

[0.2743]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0878]], requires\_grad=True)

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

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

torch.Size([21318, 200])

56 1.0773 0.3921 0.1930 0.3921

weight\_b:Parameter containing:

tensor([[0.1911],

[0.0619],

[0.1703],

[0.2797]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0895]], requires\_grad=True)

test\_f1-ma: 0.2128 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

57 1.0769 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.1968],

[0.0613],

[0.1724],

[0.2853]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0914]], requires\_grad=True)

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

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

torch.Size([21318, 200])

58 1.0768 0.3921 0.1927 0.3921

weight\_b:Parameter containing:

tensor([[0.2025],

[0.0608],

[0.1743],

[0.2908]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

59 1.0763 0.3921 0.1927 0.3921

weight\_b:Parameter containing:

tensor([[0.2084],

[0.0606],

[0.1764],

[0.2965]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2201 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

60 1.0765 0.3921 0.1981 0.3921

weight\_b:Parameter containing:

tensor([[0.2144],

[0.0604],

[0.1787],

[0.3024]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0974]], requires\_grad=True)

test\_f1-ma: 0.2194 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

61 1.0760 0.3921 0.1934 0.3921

weight\_b:Parameter containing:

tensor([[0.2206],

[0.0608],

[0.1813],

[0.3084]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0999]], requires\_grad=True)

test\_f1-ma: 0.2194 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

62 1.0759 0.3921 0.1930 0.3921

weight\_b:Parameter containing:

tensor([[0.2269],

[0.0615],

[0.1836],

[0.3143]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1022]], requires\_grad=True)

test\_f1-ma: 0.2201 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

63 1.0755 0.3896 0.1972 0.3896

weight\_b:Parameter containing:

tensor([[0.2333],

[0.0626],

[0.1862],

[0.3204]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1049]], requires\_grad=True)

test\_f1-ma: 0.2194 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

64 1.0752 0.3896 0.1972 0.3896

weight\_b:Parameter containing:

tensor([[0.2399],

[0.0643],

[0.1891],

[0.3267]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1077]], requires\_grad=True)

test\_f1-ma: 0.2201 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

65 1.0752 0.3896 0.1921 0.3896

weight\_b:Parameter containing:

tensor([[0.2465],

[0.0666],

[0.1919],

[0.3330]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1104]], requires\_grad=True)

test\_f1-ma: 0.2201 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

66 1.0749 0.3896 0.1972 0.3896

weight\_b:Parameter containing:

tensor([[0.2533],

[0.0693],

[0.1950],

[0.3394]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1134]], requires\_grad=True)

test\_f1-ma: 0.2201 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

67 1.0745 0.3896 0.1918 0.3896

weight\_b:Parameter containing:

tensor([[0.2602],

[0.0725],

[0.1980],

[0.3458]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1162]], requires\_grad=True)

test\_f1-ma: 0.2201 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

68 1.0743 0.3871 0.1916 0.3871

weight\_b:Parameter containing:

tensor([[0.2673],

[0.0765],

[0.2014],

[0.3523]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1192]], requires\_grad=True)

test\_f1-ma: 0.2262 test\_f1-mi: 0.4577

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

torch.Size([21318, 200])

69 1.0754 0.3921 0.2021 0.3921

weight\_b:Parameter containing:

tensor([[0.2746],

[0.0794],

[0.2039],

[0.3587]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1218]], requires\_grad=True)

test\_f1-ma: 0.2204 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

70 1.0795 0.3970 0.2181 0.3970

weight\_b:Parameter containing:

tensor([[0.2809],

[0.0829],

[0.2050],

[0.3640]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1228]], requires\_grad=True)

test\_f1-ma: 0.2446 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

71 1.0762 0.3896 0.1973 0.3896

weight\_b:Parameter containing:

tensor([[0.2874],

[0.0848],

[0.2049],

[0.3689]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1231]], requires\_grad=True)

test\_f1-ma: 0.2195 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

72 1.0761 0.3598 0.2131 0.3598

weight\_b:Parameter containing:

tensor([[0.2939],

[0.0859],

[0.2046],

[0.3738]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1233]], requires\_grad=True)

test\_f1-ma: 0.2602 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

73 1.0759 0.3896 0.1925 0.3896

weight\_b:Parameter containing:

tensor([[0.3004],

[0.0880],

[0.2040],

[0.3785]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1231]], requires\_grad=True)

test\_f1-ma: 0.2262 test\_f1-mi: 0.4577

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

torch.Size([21318, 200])

74 1.0762 0.3896 0.2021 0.3896

weight\_b:Parameter containing:

tensor([[0.3070],

[0.0914],

[0.2040],

[0.3833]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1229]], requires\_grad=True)

test\_f1-ma: 0.2324 test\_f1-mi: 0.4602

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

torch.Size([21318, 200])

75 1.0742 0.3945 0.2034 0.3945

weight\_b:Parameter containing:

tensor([[0.3138],

[0.0947],

[0.2042],

[0.3885]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1230]], requires\_grad=True)

test\_f1-ma: 0.2201 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

76 1.0757 0.3921 0.2161 0.3921

weight\_b:Parameter containing:

tensor([[0.3206],

[0.0969],

[0.2041],

[0.3935]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1230]], requires\_grad=True)

test\_f1-ma: 0.2283 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

77 1.0733 0.3871 0.1912 0.3871

weight\_b:Parameter containing:

tensor([[0.3275],

[0.0994],

[0.2044],

[0.3987]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1234]], requires\_grad=True)

test\_f1-ma: 0.2201 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

78 1.0743 0.3871 0.1919 0.3871

weight\_b:Parameter containing:

tensor([[0.3346],

[0.1026],

[0.2051],

[0.4040]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1241]], requires\_grad=True)

test\_f1-ma: 0.2262 test\_f1-mi: 0.4577

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

torch.Size([21318, 200])

79 1.0738 0.3871 0.1919 0.3871

weight\_b:Parameter containing:

tensor([[0.3419],

[0.1066],

[0.2065],

[0.4096]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1251]], requires\_grad=True)

test\_f1-ma: 0.2262 test\_f1-mi: 0.4577

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

torch.Size([21318, 200])

80 1.0731 0.3921 0.1978 0.3921

weight\_b:Parameter containing:

tensor([[0.3493],

[0.1106],

[0.2080],

[0.4154]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1264]], requires\_grad=True)

test\_f1-ma: 0.2201 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

81 1.0739 0.3672 0.2163 0.3672

weight\_b:Parameter containing:

tensor([[0.3568],

[0.1143],

[0.2097],

[0.4214]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1279]], requires\_grad=True)

test\_f1-ma: 0.2641 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

82 1.0728 0.3896 0.2014 0.3896

weight\_b:Parameter containing:

tensor([[0.3642],

[0.1178],

[0.2112],

[0.4275]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1293]], requires\_grad=True)

test\_f1-ma: 0.2192 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

83 1.0730 0.3871 0.2021 0.3871

weight\_b:Parameter containing:

tensor([[0.3715],

[0.1220],

[0.2133],

[0.4338]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1311]], requires\_grad=True)

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

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

torch.Size([21318, 200])

84 1.0730 0.3896 0.1974 0.3896

weight\_b:Parameter containing:

tensor([[0.3783],

[0.1263],

[0.2151],

[0.4400]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1325]], requires\_grad=True)

test\_f1-ma: 0.2191 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

85 1.0732 0.3524 0.2203 0.3524

weight\_b:Parameter containing:

tensor([[0.3852],

[0.1307],

[0.2173],

[0.4464]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1343]], requires\_grad=True)

test\_f1-ma: 0.2744 test\_f1-mi: 0.4353

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

torch.Size([21318, 200])

86 1.0758 0.3896 0.1974 0.3896

weight\_b:Parameter containing:

tensor([[0.3913],

[0.1333],

[0.2174],

[0.4517]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1345]], requires\_grad=True)

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

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

torch.Size([21318, 200])

87 1.0765 0.3449 0.2528 0.3449

weight\_b:Parameter containing:

tensor([[0.3973],

[0.1356],

[0.2177],

[0.4569]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1346]], requires\_grad=True)

test\_f1-ma: 0.2959 test\_f1-mi: 0.4154

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

torch.Size([21318, 200])

88 1.0724 0.3896 0.1971 0.3896

weight\_b:Parameter containing:

tensor([[0.4029],

[0.1383],

[0.2178],

[0.4619]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1346]], requires\_grad=True)

test\_f1-ma: 0.2191 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

89 1.0715 0.3896 0.1974 0.3896

weight\_b:Parameter containing:

tensor([[0.4084],

[0.1416],

[0.2182],

[0.4668]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1347]], requires\_grad=True)

test\_f1-ma: 0.2194 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

90 1.0729 0.3524 0.2294 0.3524

weight\_b:Parameter containing:

tensor([[0.4138],

[0.1452],

[0.2195],

[0.4720]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1354]], requires\_grad=True)

test\_f1-ma: 0.2845 test\_f1-mi: 0.4328

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

torch.Size([21318, 200])

91 1.0707 0.3921 0.2079 0.3921

weight\_b:Parameter containing:

tensor([[0.4194],

[0.1491],

[0.2212],

[0.4775]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1365]], requires\_grad=True)

test\_f1-ma: 0.2206 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

92 1.0704 0.3896 0.1977 0.3896

weight\_b:Parameter containing:

tensor([[0.4249],

[0.1533],

[0.2230],

[0.4829]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1376]], requires\_grad=True)

test\_f1-ma: 0.2203 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

93 1.0713 0.3921 0.2255 0.3921

weight\_b:Parameter containing:

tensor([[0.4304],

[0.1582],

[0.2255],

[0.4885]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1391]], requires\_grad=True)

test\_f1-ma: 0.2415 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

94 1.0694 0.3896 0.2026 0.3896

weight\_b:Parameter containing:

tensor([[0.4359],

[0.1631],

[0.2283],

[0.4943]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1410]], requires\_grad=True)

test\_f1-ma: 0.2209 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

95 1.0698 0.3896 0.2023 0.3896

weight\_b:Parameter containing:

tensor([[0.4414],

[0.1677],

[0.2309],

[0.5001]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1428]], requires\_grad=True)

test\_f1-ma: 0.2197 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

96 1.0692 0.3821 0.2147 0.3821

weight\_b:Parameter containing:

tensor([[0.4469],

[0.1729],

[0.2342],

[0.5063]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1452]], requires\_grad=True)

test\_f1-ma: 0.2536 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

97 1.0687 0.3921 0.2034 0.3921

weight\_b:Parameter containing:

tensor([[0.4523],

[0.1785],

[0.2378],

[0.5126]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1478]], requires\_grad=True)

test\_f1-ma: 0.2198 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

98 1.0676 0.3821 0.2088 0.3821

weight\_b:Parameter containing:

tensor([[0.4577],

[0.1844],

[0.2418],

[0.5192]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1507]], requires\_grad=True)

test\_f1-ma: 0.2301 test\_f1-mi: 0.4378

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

torch.Size([21318, 200])

99 1.0668 0.3797 0.2132 0.3797

weight\_b:Parameter containing:

tensor([[0.4635],

[0.1908],

[0.2463],

[0.5261]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1542]], requires\_grad=True)

test\_f1-ma: 0.2349 test\_f1-mi: 0.4353

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

torch.Size([21318, 200])

100 1.0675 0.3921 0.2082 0.3921

weight\_b:Parameter containing:

tensor([[0.4691],

[0.1975],

[0.2507],

[0.5327]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1574]], requires\_grad=True)

test\_f1-ma: 0.2184 test\_f1-mi: 0.4478

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

time: 1265.2343575954

[Classification] Macro-F1: 0.2959 (0.0000) | Micro-F1: 0.4552 (0.0000)

[0.29588810719772346, 0.4552238805970149]

Test F1-ma: 0.2958881072, F1-mi: 0.4552238806

Process finished with exit code 0