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, 512])

1 1.0917 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0634],

[0.0480],

[0.0582],

[0.0452]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0071]], requires\_grad=True)

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

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

torch.Size([21318, 512])

2 1.0826 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0654],

[0.0507],

[0.0541],

[0.0483]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0039]], requires\_grad=True)

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

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

torch.Size([21318, 512])

3 1.0844 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0689],

[0.0545],

[0.0520],

[0.0522]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0033]], requires\_grad=True)

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

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

torch.Size([21318, 512])

4 1.0846 0.3896 0.1879 0.3896

weight\_b:Parameter containing:

tensor([[0.0727],

[0.0587],

[0.0525],

[0.0566]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0054]], requires\_grad=True)

test\_f1-ma: 0.2062 test\_f1-mi: 0.4478

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

torch.Size([21318, 512])

5 1.0822 0.3896 0.1879 0.3896

weight\_b:Parameter containing:

tensor([[0.0757],

[0.0631],

[0.0530],

[0.0609]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 512])

6 1.0817 0.3871 0.1917 0.3871

weight\_b:Parameter containing:

tensor([[0.0747],

[0.0648],

[0.0506],

[0.0615]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0060]], requires\_grad=True)

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

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

torch.Size([21318, 512])

7 1.0811 0.3871 0.1917 0.3871

weight\_b:Parameter containing:

tensor([[0.0725],

[0.0656],

[0.0481],

[0.0616]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0042]], requires\_grad=True)

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

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

torch.Size([21318, 512])

8 1.0815 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0696],

[0.0659],

[0.0462],

[0.0624]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0027]], requires\_grad=True)

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

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

torch.Size([21318, 512])

9 1.0818 0.3896 0.1918 0.3896

weight\_b:Parameter containing:

tensor([[0.0661],

[0.0658],

[0.0446],

[0.0640]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0013]], requires\_grad=True)

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

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

torch.Size([21318, 512])

10 1.0818 0.3896 0.1918 0.3896

weight\_b:Parameter containing:

tensor([[0.0623],

[0.0650],

[0.0434],

[0.0662]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0001]], requires\_grad=True)

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

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

torch.Size([21318, 512])

11 1.0814 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0582],

[0.0638],

[0.0424],

[0.0690]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0010]], requires\_grad=True)

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

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

torch.Size([21318, 512])

12 1.0812 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0539],

[0.0622],

[0.0415],

[0.0720]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0021]], requires\_grad=True)

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

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

torch.Size([21318, 512])

13 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0495],

[0.0603],

[0.0409],

[0.0753]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 512])

14 1.0812 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0451],

[0.0583],

[0.0403],

[0.0787]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0042]], requires\_grad=True)

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

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

torch.Size([21318, 512])

15 1.0813 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0409],

[0.0563],

[0.0399],

[0.0821]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0054]], requires\_grad=True)

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

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

torch.Size([21318, 512])

16 1.0813 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0369],

[0.0544],

[0.0397],

[0.0857]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 512])

17 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0333],

[0.0530],

[0.0398],

[0.0892]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0078]], requires\_grad=True)

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

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

torch.Size([21318, 512])

18 1.0810 0.3871 0.1867 0.3871

weight\_b:Parameter containing:

tensor([[0.0304],

[0.0521],

[0.0402],

[0.0927]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0090]], requires\_grad=True)

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

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

torch.Size([21318, 512])

19 1.0809 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0281],

[0.0518],

[0.0409],

[0.0961]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 512])

20 1.0809 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0265],

[0.0521],

[0.0419],

[0.0991]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 512])

21 1.0810 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0255],

[0.0528],

[0.0431],

[0.1017]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0123]], requires\_grad=True)

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

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

torch.Size([21318, 512])

22 1.0810 0.3846 0.1862 0.3846

weight\_b:Parameter containing:

tensor([[0.0250],

[0.0538],

[0.0443],

[0.1038]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0131]], requires\_grad=True)

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

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

torch.Size([21318, 512])

23 1.0810 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0249],

[0.0549],

[0.0457],

[0.1056]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 512])

24 1.0809 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0251],

[0.0563],

[0.0473],

[0.1073]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0145]], requires\_grad=True)

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

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

torch.Size([21318, 512])

25 1.0809 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0255],

[0.0579],

[0.0490],

[0.1088]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 512])

26 1.0809 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0259],

[0.0594],

[0.0508],

[0.1104]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0159]], requires\_grad=True)

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

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

torch.Size([21318, 512])

27 1.0809 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0262],

[0.0608],

[0.0526],

[0.1118]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0166]], requires\_grad=True)

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

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

torch.Size([21318, 512])

28 1.0808 0.3846 0.1862 0.3846

weight\_b:Parameter containing:

tensor([[0.0263],

[0.0619],

[0.0544],

[0.1128]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0173]], requires\_grad=True)

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

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

torch.Size([21318, 512])

29 1.0809 0.3846 0.1862 0.3846

weight\_b:Parameter containing:

tensor([[0.0262],

[0.0626],

[0.0558],

[0.1132]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0177]], requires\_grad=True)

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

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

torch.Size([21318, 512])

30 1.0808 0.3846 0.1862 0.3846

weight\_b:Parameter containing:

tensor([[0.0258],

[0.0631],

[0.0569],

[0.1133]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0181]], requires\_grad=True)

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

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

torch.Size([21318, 512])

31 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0253],

[0.0634],

[0.0581],

[0.1132]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0185]], requires\_grad=True)

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

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

torch.Size([21318, 512])

32 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0246],

[0.0635],

[0.0594],

[0.1132]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0189]], requires\_grad=True)

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

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

torch.Size([21318, 512])

33 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0238],

[0.0636],

[0.0608],

[0.1133]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0193]], requires\_grad=True)

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

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

torch.Size([21318, 512])

34 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0228],

[0.0636],

[0.0622],

[0.1133]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0196]], requires\_grad=True)

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

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

torch.Size([21318, 512])

35 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0218],

[0.0636],

[0.0634],

[0.1132]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 512])

36 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0207],

[0.0637],

[0.0647],

[0.1132]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0202]], requires\_grad=True)

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

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

torch.Size([21318, 512])

37 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0198],

[0.0640],

[0.0661],

[0.1133]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0204]], requires\_grad=True)

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

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

torch.Size([21318, 512])

38 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0189],

[0.0643],

[0.0676],

[0.1136]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0207]], requires\_grad=True)

test\_f1-ma: 0.2126 test\_f1-mi: 0.4478

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

torch.Size([21318, 512])

39 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0181],

[0.0648],

[0.0691],

[0.1139]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0210]], requires\_grad=True)

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

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

torch.Size([21318, 512])

40 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0174],

[0.0654],

[0.0706],

[0.1144]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0212]], requires\_grad=True)

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

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

torch.Size([21318, 512])

41 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0167],

[0.0661],

[0.0720],

[0.1148]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0214]], requires\_grad=True)

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

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

torch.Size([21318, 512])

42 1.0808 0.3896 0.1879 0.3896

weight\_b:Parameter containing:

tensor([[0.0161],

[0.0668],

[0.0734],

[0.1154]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0216]], requires\_grad=True)

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

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

torch.Size([21318, 512])

43 1.0808 0.3896 0.1879 0.3896

weight\_b:Parameter containing:

tensor([[0.0155],

[0.0676],

[0.0748],

[0.1161]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0218]], requires\_grad=True)

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

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

torch.Size([21318, 512])

44 1.0808 0.3896 0.1879 0.3896

weight\_b:Parameter containing:

tensor([[0.0150],

[0.0683],

[0.0763],

[0.1169]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0220]], requires\_grad=True)

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

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

torch.Size([21318, 512])

45 1.0808 0.3896 0.1879 0.3896

weight\_b:Parameter containing:

tensor([[0.0146],

[0.0691],

[0.0777],

[0.1178]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0222]], requires\_grad=True)

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

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

torch.Size([21318, 512])

46 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0142],

[0.0698],

[0.0791],

[0.1187]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0223]], requires\_grad=True)

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

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

torch.Size([21318, 512])

47 1.0807 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0138],

[0.0706],

[0.0804],

[0.1197]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0225]], requires\_grad=True)

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

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

torch.Size([21318, 512])

48 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0135],

[0.0714],

[0.0818],

[0.1209]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0227]], requires\_grad=True)

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

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

torch.Size([21318, 512])

49 1.0807 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0132],

[0.0721],

[0.0832],

[0.1221]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0229]], requires\_grad=True)

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

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

torch.Size([21318, 512])

50 1.0807 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0129],

[0.0728],

[0.0846],

[0.1235]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0231]], requires\_grad=True)

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

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

torch.Size([21318, 512])

51 1.0807 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0127],

[0.0735],

[0.0859],

[0.1249]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0233]], requires\_grad=True)

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

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

torch.Size([21318, 512])

52 1.0807 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0125],

[0.0743],

[0.0872],

[0.1264]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0235]], requires\_grad=True)

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

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

torch.Size([21318, 512])

53 1.0807 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0124],

[0.0751],

[0.0886],

[0.1281]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0238]], requires\_grad=True)

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

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

torch.Size([21318, 512])

54 1.0807 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0123],

[0.0759],

[0.0900],

[0.1299]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0240]], requires\_grad=True)

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

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

torch.Size([21318, 512])

55 1.0806 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0123],

[0.0767],

[0.0914],

[0.1318]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 512])

56 1.0806 0.3896 0.1879 0.3896

weight\_b:Parameter containing:

tensor([[0.0124],

[0.0777],

[0.0928],

[0.1340]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0247]], requires\_grad=True)

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

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

torch.Size([21318, 512])

57 1.0805 0.3896 0.1879 0.3896

weight\_b:Parameter containing:

tensor([[0.0126],

[0.0788],

[0.0944],

[0.1364]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0250]], requires\_grad=True)

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

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

torch.Size([21318, 512])

58 1.0805 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0130],

[0.0802],

[0.0961],

[0.1391]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0255]], requires\_grad=True)

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

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

torch.Size([21318, 512])

59 1.0804 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0137],

[0.0818],

[0.0979],

[0.1422]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0261]], requires\_grad=True)

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

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

torch.Size([21318, 512])

60 1.0802 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0148],

[0.0837],

[0.1000],

[0.1457]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0268]], requires\_grad=True)

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

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

torch.Size([21318, 512])

61 1.0800 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0161],

[0.0861],

[0.1024],

[0.1497]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0277]], requires\_grad=True)

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

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

torch.Size([21318, 512])

62 1.0823 0.3896 0.1970 0.3896

weight\_b:Parameter containing:

tensor([[0.0174],

[0.0876],

[0.1013],

[0.1524]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0268]], requires\_grad=True)

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

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

torch.Size([21318, 512])

63 1.0820 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0187],

[0.0884],

[0.0993],

[0.1552]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0255]], requires\_grad=True)

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

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

torch.Size([21318, 512])

64 1.0807 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0198],

[0.0895],

[0.0975],

[0.1579]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0242]], requires\_grad=True)

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

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

torch.Size([21318, 512])

65 1.0822 0.3846 0.1862 0.3846

weight\_b:Parameter containing:

tensor([[0.0203],

[0.0896],

[0.0944],

[0.1590]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0218]], requires\_grad=True)

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

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

torch.Size([21318, 512])

66 1.0811 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0209],

[0.0899],

[0.0916],

[0.1605]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0197]], requires\_grad=True)

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

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

torch.Size([21318, 512])

67 1.0816 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.0217],

[0.0902],

[0.0887],

[0.1622]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0174]], requires\_grad=True)

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

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

torch.Size([21318, 512])

68 1.0810 0.3945 0.1984 0.3945

weight\_b:Parameter containing:

tensor([[0.0226],

[0.0907],

[0.0861],

[0.1640]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 512])

69 1.0808 0.3896 0.1879 0.3896

weight\_b:Parameter containing:

tensor([[0.0237],

[0.0916],

[0.0840],

[0.1658]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0136]], requires\_grad=True)

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

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

torch.Size([21318, 512])

70 1.0809 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0249],

[0.0927],

[0.0821],

[0.1672]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 512])

71 1.0809 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0260],

[0.0939],

[0.0804],

[0.1683]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0100]], requires\_grad=True)

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

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

torch.Size([21318, 512])

72 1.0809 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0269],

[0.0952],

[0.0789],

[0.1693]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 512])

73 1.0809 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0278],

[0.0965],

[0.0778],

[0.1702]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 512])

74 1.0809 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0284],

[0.0977],

[0.0769],

[0.1710]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0059]], requires\_grad=True)

test\_f1-ma: 0.2106 test\_f1-mi: 0.4428

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

torch.Size([21318, 512])

75 1.0809 0.3871 0.1867 0.3871

weight\_b:Parameter containing:

tensor([[0.0289],

[0.0987],

[0.0762],

[0.1717]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2106 test\_f1-mi: 0.4428

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

torch.Size([21318, 512])

76 1.0809 0.3871 0.1867 0.3871

weight\_b:Parameter containing:

tensor([[0.0292],

[0.0996],

[0.0757],

[0.1723]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2106 test\_f1-mi: 0.4428

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

torch.Size([21318, 512])

77 1.0809 0.3871 0.1867 0.3871

weight\_b:Parameter containing:

tensor([[0.0295],

[0.1003],

[0.0755],

[0.1728]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0047]], requires\_grad=True)

test\_f1-ma: 0.2106 test\_f1-mi: 0.4428

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

torch.Size([21318, 512])

78 1.0809 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0296],

[0.1007],

[0.0754],

[0.1730]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2109 test\_f1-mi: 0.4428

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

torch.Size([21318, 512])

79 1.0809 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0297],

[0.1008],

[0.0754],

[0.1731]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0051]], requires\_grad=True)

test\_f1-ma: 0.2109 test\_f1-mi: 0.4428

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

torch.Size([21318, 512])

80 1.0809 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0298],

[0.1007],

[0.0756],

[0.1730]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0055]], requires\_grad=True)

test\_f1-ma: 0.2109 test\_f1-mi: 0.4428

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

torch.Size([21318, 512])

81 1.0809 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0300],

[0.1007],

[0.0760],

[0.1727]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0059]], requires\_grad=True)

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

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

torch.Size([21318, 512])

82 1.0809 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0303],

[0.1007],

[0.0765],

[0.1724]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0065]], requires\_grad=True)

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

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

torch.Size([21318, 512])

83 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0306],

[0.1008],

[0.0771],

[0.1720]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0071]], requires\_grad=True)

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

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

torch.Size([21318, 512])

84 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0310],

[0.1010],

[0.0777],

[0.1715]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0077]], requires\_grad=True)

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

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

torch.Size([21318, 512])

85 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0315],

[0.1013],

[0.0785],

[0.1711]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0083]], requires\_grad=True)

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

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

torch.Size([21318, 512])

86 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0319],

[0.1015],

[0.0792],

[0.1705]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0090]], requires\_grad=True)

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

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

torch.Size([21318, 512])

87 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0324],

[0.1018],

[0.0801],

[0.1699]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 512])

88 1.0808 0.3846 0.1862 0.3846

weight\_b:Parameter containing:

tensor([[0.0329],

[0.1020],

[0.0810],

[0.1692]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0104]], requires\_grad=True)

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

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

torch.Size([21318, 512])

89 1.0808 0.3846 0.1862 0.3846

weight\_b:Parameter containing:

tensor([[0.0333],

[0.1022],

[0.0819],

[0.1683]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 512])

90 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0336],

[0.1023],

[0.0829],

[0.1674]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0117]], requires\_grad=True)

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

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

torch.Size([21318, 512])

91 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0337],

[0.1024],

[0.0839],

[0.1666]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0123]], requires\_grad=True)

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

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

torch.Size([21318, 512])

92 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0336],

[0.1024],

[0.0849],

[0.1658]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0130]], requires\_grad=True)

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

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

torch.Size([21318, 512])

93 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0334],

[0.1024],

[0.0859],

[0.1650]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 512])

94 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0330],

[0.1025],

[0.0870],

[0.1643]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0141]], requires\_grad=True)

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

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

torch.Size([21318, 512])

95 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0327],

[0.1026],

[0.0881],

[0.1636]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0146]], requires\_grad=True)

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

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

torch.Size([21318, 512])

96 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0323],

[0.1027],

[0.0893],

[0.1629]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 512])

97 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0318],

[0.1029],

[0.0904],

[0.1624]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0157]], requires\_grad=True)

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

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

torch.Size([21318, 512])

98 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0313],

[0.1031],

[0.0915],

[0.1619]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 512])

99 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0307],

[0.1032],

[0.0926],

[0.1614]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0166]], requires\_grad=True)

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

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

torch.Size([21318, 512])

100 1.0808 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0302],

[0.1034],

[0.0938],

[0.1610]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0170]], requires\_grad=True)

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

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

time: 2095.0841689110

[Classification] Macro-F1: 0.2125 (0.0000) | Micro-F1: 0.4478 (0.0000)

[0.2125196602705253, 0.44776119402985076]

Test F1-ma: 0.2125196603, F1-mi: 0.4477611940

Process finished with exit code 0