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 1.0898 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 1.0854 0.3970 0.2040 0.3970

weight\_b:Parameter containing:

tensor([[0.0611],

[0.0800],

[0.1286],

[0.0219]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0067]], requires\_grad=True)

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

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

torch.Size([21318, 200])

3 1.0822 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0642],

[0.0850],

[0.1266],

[0.0268]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0036]], requires\_grad=True)

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

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

torch.Size([21318, 200])

4 1.0818 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0680],

[0.0898],

[0.1251],

[0.0318]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

5 1.0823 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0721],

[0.0941],

[0.1236],

[0.0368]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0016]], requires\_grad=True)

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

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

torch.Size([21318, 200])

6 1.0823 0.3896 0.1869 0.3896

weight\_b:Parameter containing:

tensor([[0.0766],

[0.0984],

[0.1222],

[0.0418]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0030]], requires\_grad=True)

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

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

torch.Size([21318, 200])

7 1.0817 0.3896 0.1879 0.3896

weight\_b:Parameter containing:

tensor([[0.0812],

[0.1029],

[0.1215],

[0.0469]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2121 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

8 1.0811 0.3896 0.1879 0.3896

weight\_b:Parameter containing:

tensor([[0.0859],

[0.1076],

[0.1213],

[0.0520]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2121 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

9 1.0809 0.3896 0.1879 0.3896

weight\_b:Parameter containing:

tensor([[0.0905],

[0.1123],

[0.1202],

[0.0571]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0072]], requires\_grad=True)

test\_f1-ma: 0.2188 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

10 1.0806 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0949],

[0.1169],

[0.1186],

[0.0622]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0064]], requires\_grad=True)

test\_f1-ma: 0.2188 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

11 1.0802 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.0990],

[0.1216],

[0.1172],

[0.0674]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

12 1.0801 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1025],

[0.1263],

[0.1168],

[0.0726]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0043]], requires\_grad=True)

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

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

torch.Size([21318, 200])

13 1.0802 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1056],

[0.1308],

[0.1171],

[0.0779]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0037]], requires\_grad=True)

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

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

torch.Size([21318, 200])

14 1.0802 0.3871 0.1867 0.3871

weight\_b:Parameter containing:

tensor([[0.1081],

[0.1349],

[0.1180],

[0.0832]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0036]], requires\_grad=True)

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

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

torch.Size([21318, 200])

15 1.0800 0.3871 0.1860 0.3871

weight\_b:Parameter containing:

tensor([[0.1103],

[0.1384],

[0.1194],

[0.0886]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0038]], requires\_grad=True)

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

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

torch.Size([21318, 200])

16 1.0798 0.3871 0.1867 0.3871

weight\_b:Parameter containing:

tensor([[0.1123],

[0.1412],

[0.1214],

[0.0940]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

17 1.0796 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1143],

[0.1432],

[0.1237],

[0.0994]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0049]], requires\_grad=True)

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

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

torch.Size([21318, 200])

18 1.0795 0.3921 0.1978 0.3921

weight\_b:Parameter containing:

tensor([[0.1164],

[0.1441],

[0.1263],

[0.1049]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

19 1.0794 0.3921 0.1978 0.3921

weight\_b:Parameter containing:

tensor([[0.1186],

[0.1438],

[0.1290],

[0.1103]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0058]], requires\_grad=True)

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

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

torch.Size([21318, 200])

20 1.0793 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1212],

[0.1425],

[0.1317],

[0.1158]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

21 1.0791 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1240],

[0.1403],

[0.1344],

[0.1213]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0061]], requires\_grad=True)

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

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

torch.Size([21318, 200])

22 1.0791 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1270],

[0.1374],

[0.1372],

[0.1268]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

23 1.0790 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1303],

[0.1341],

[0.1398],

[0.1324]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

24 1.0789 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1338],

[0.1304],

[0.1423],

[0.1379]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0073]], requires\_grad=True)

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

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

torch.Size([21318, 200])

25 1.0788 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1377],

[0.1266],

[0.1446],

[0.1434]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0075]], requires\_grad=True)

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

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

torch.Size([21318, 200])

26 1.0786 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1419],

[0.1228],

[0.1469],

[0.1490]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

27 1.0785 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1464],

[0.1190],

[0.1493],

[0.1545]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0073]], requires\_grad=True)

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

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

torch.Size([21318, 200])

28 1.0784 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1511],

[0.1155],

[0.1520],

[0.1601]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

29 1.0784 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1561],

[0.1123],

[0.1549],

[0.1657]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0076]], requires\_grad=True)

test\_f1-ma: 0.2169 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

30 1.0782 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1612],

[0.1095],

[0.1579],

[0.1712]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2169 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

31 1.0781 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1665],

[0.1068],

[0.1611],

[0.1768]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0082]], requires\_grad=True)

test\_f1-ma: 0.2169 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

32 1.0780 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1720],

[0.1044],

[0.1642],

[0.1823]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0085]], requires\_grad=True)

test\_f1-ma: 0.2169 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

33 1.0779 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1776],

[0.1022],

[0.1673],

[0.1879]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0086]], requires\_grad=True)

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

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

torch.Size([21318, 200])

34 1.0778 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1834],

[0.1001],

[0.1704],

[0.1934]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0088]], requires\_grad=True)

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

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

torch.Size([21318, 200])

35 1.0777 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1892],

[0.0980],

[0.1734],

[0.1989]], 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, 200])

36 1.0776 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.1952],

[0.0960],

[0.1764],

[0.2044]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0093]], requires\_grad=True)

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

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

torch.Size([21318, 200])

37 1.0774 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.2013],

[0.0943],

[0.1793],

[0.2099]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0095]], requires\_grad=True)

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

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

torch.Size([21318, 200])

38 1.0773 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.2074],

[0.0929],

[0.1823],

[0.2155]], 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, 200])

39 1.0772 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.2137],

[0.0919],

[0.1854],

[0.2210]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0099]], requires\_grad=True)

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

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

torch.Size([21318, 200])

40 1.0771 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.2200],

[0.0914],

[0.1884],

[0.2265]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0101]], requires\_grad=True)

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

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

torch.Size([21318, 200])

41 1.0769 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.2264],

[0.0913],

[0.1915],

[0.2321]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

42 1.0768 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.2328],

[0.0916],

[0.1946],

[0.2376]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0105]], requires\_grad=True)

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

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

torch.Size([21318, 200])

43 1.0766 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.2393],

[0.0921],

[0.1976],

[0.2431]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0107]], requires\_grad=True)

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

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

torch.Size([21318, 200])

44 1.0765 0.3871 0.1871 0.3871

weight\_b:Parameter containing:

tensor([[0.2458],

[0.0930],

[0.2007],

[0.2486]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0110]], requires\_grad=True)

test\_f1-ma: 0.2169 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

45 1.0764 0.3871 0.1874 0.3871

weight\_b:Parameter containing:

tensor([[0.2523],

[0.0939],

[0.2038],

[0.2541]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2169 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

46 1.0762 0.3871 0.1874 0.3871

weight\_b:Parameter containing:

tensor([[0.2589],

[0.0952],

[0.2069],

[0.2596]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0115]], requires\_grad=True)

test\_f1-ma: 0.2169 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

47 1.0761 0.3871 0.1874 0.3871

weight\_b:Parameter containing:

tensor([[0.2655],

[0.0966],

[0.2101],

[0.2651]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0120]], requires\_grad=True)

test\_f1-ma: 0.2169 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

48 1.0763 0.3648 0.1941 0.3648

weight\_b:Parameter containing:

tensor([[0.2722],

[0.0980],

[0.2127],

[0.2705]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0116]], requires\_grad=True)

test\_f1-ma: 0.2424 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

49 1.0758 0.3871 0.1874 0.3871

weight\_b:Parameter containing:

tensor([[0.2788],

[0.0996],

[0.2154],

[0.2760]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0115]], requires\_grad=True)

test\_f1-ma: 0.2169 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

50 1.0757 0.3871 0.1874 0.3871

weight\_b:Parameter containing:

tensor([[0.2855],

[0.1012],

[0.2183],

[0.2815]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2169 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

51 1.0754 0.3871 0.1874 0.3871

weight\_b:Parameter containing:

tensor([[0.2921],

[0.1032],

[0.2211],

[0.2870]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2160 test\_f1-mi: 0.4428

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

torch.Size([21318, 200])

52 1.0753 0.3846 0.1869 0.3846

weight\_b:Parameter containing:

tensor([[0.2988],

[0.1055],

[0.2239],

[0.2925]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2169 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

53 1.0751 0.3871 0.1874 0.3871

weight\_b:Parameter containing:

tensor([[0.3055],

[0.1079],

[0.2268],

[0.2980]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2169 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

54 1.0749 0.3871 0.1874 0.3871

weight\_b:Parameter containing:

tensor([[0.3122],

[0.1107],

[0.2299],

[0.3034]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0122]], requires\_grad=True)

test\_f1-ma: 0.2169 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

55 1.0746 0.3871 0.1874 0.3871

weight\_b:Parameter containing:

tensor([[0.3189],

[0.1139],

[0.2331],

[0.3089]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0128]], requires\_grad=True)

test\_f1-ma: 0.2169 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

56 1.0744 0.3871 0.1877 0.3871

weight\_b:Parameter containing:

tensor([[0.3256],

[0.1172],

[0.2365],

[0.3144]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

57 1.0741 0.3871 0.1877 0.3871

weight\_b:Parameter containing:

tensor([[0.3323],

[0.1208],

[0.2398],

[0.3199]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0142]], requires\_grad=True)

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

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

torch.Size([21318, 200])

58 1.0746 0.3896 0.1921 0.3896

weight\_b:Parameter containing:

tensor([[0.3389],

[0.1241],

[0.2429],

[0.3253]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0147]], requires\_grad=True)

test\_f1-ma: 0.2132 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

59 1.0752 0.3846 0.1869 0.3846

weight\_b:Parameter containing:

tensor([[0.3454],

[0.1279],

[0.2442],

[0.3307]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0137]], requires\_grad=True)

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

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

torch.Size([21318, 200])

60 1.0740 0.3871 0.1877 0.3871

weight\_b:Parameter containing:

tensor([[0.3520],

[0.1323],

[0.2453],

[0.3360]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0124]], requires\_grad=True)

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

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

torch.Size([21318, 200])

61 1.0737 0.3871 0.1874 0.3871

weight\_b:Parameter containing:

tensor([[0.3585],

[0.1367],

[0.2469],

[0.3414]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

62 1.0738 0.3896 0.1924 0.3896

weight\_b:Parameter containing:

tensor([[0.3650],

[0.1409],

[0.2489],

[0.3467]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0116]], requires\_grad=True)

test\_f1-ma: 0.2132 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

63 1.0735 0.3896 0.1927 0.3896

weight\_b:Parameter containing:

tensor([[0.3714],

[0.1451],

[0.2513],

[0.3519]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2132 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

64 1.0731 0.3871 0.1881 0.3871

weight\_b:Parameter containing:

tensor([[0.3779],

[0.1497],

[0.2541],

[0.3571]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0125]], requires\_grad=True)

test\_f1-ma: 0.2169 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

65 1.0728 0.3821 0.1863 0.3821

weight\_b:Parameter containing:

tensor([[0.3844],

[0.1546],

[0.2569],

[0.3623]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

66 1.0726 0.3846 0.1869 0.3846

weight\_b:Parameter containing:

tensor([[0.3907],

[0.1595],

[0.2600],

[0.3674]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2232 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

67 1.0724 0.3846 0.1872 0.3846

weight\_b:Parameter containing:

tensor([[0.3969],

[0.1642],

[0.2630],

[0.3725]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2227 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

68 1.0725 0.3623 0.1938 0.3623

weight\_b:Parameter containing:

tensor([[0.4030],

[0.1690],

[0.2654],

[0.3775]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0156]], requires\_grad=True)

test\_f1-ma: 0.2485 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

69 1.0718 0.3846 0.1872 0.3846

weight\_b:Parameter containing:

tensor([[0.4087],

[0.1739],

[0.2680],

[0.3823]], requires\_grad=True)

weight\_a:Parameter containing:

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

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

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

torch.Size([21318, 200])

70 1.0720 0.3846 0.1869 0.3846

weight\_b:Parameter containing:

tensor([[0.4143],

[0.1785],

[0.2707],

[0.3871]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0167]], requires\_grad=True)

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

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

torch.Size([21318, 200])

71 1.0715 0.3846 0.1872 0.3846

weight\_b:Parameter containing:

tensor([[0.4196],

[0.1835],

[0.2738],

[0.3917]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2284 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

72 1.0715 0.3623 0.1938 0.3623

weight\_b:Parameter containing:

tensor([[0.4250],

[0.1892],

[0.2768],

[0.3963]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2553 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

73 1.0712 0.3846 0.1872 0.3846

weight\_b:Parameter containing:

tensor([[0.4302],

[0.1950],

[0.2802],

[0.4009]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2292 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

74 1.0711 0.3846 0.1869 0.3846

weight\_b:Parameter containing:

tensor([[0.4352],

[0.2007],

[0.2837],

[0.4053]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0191]], requires\_grad=True)

test\_f1-ma: 0.2284 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

75 1.0708 0.3821 0.1863 0.3821

weight\_b:Parameter containing:

tensor([[0.4401],

[0.2062],

[0.2871],

[0.4097]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0198]], requires\_grad=True)

test\_f1-ma: 0.2275 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

76 1.0707 0.3797 0.1855 0.3797

weight\_b:Parameter containing:

tensor([[0.4448],

[0.2116],

[0.2903],

[0.4140]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0203]], requires\_grad=True)

test\_f1-ma: 0.2275 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

77 1.0704 0.3821 0.1863 0.3821

weight\_b:Parameter containing:

tensor([[0.4495],

[0.2171],

[0.2936],

[0.4182]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0209]], requires\_grad=True)

test\_f1-ma: 0.2284 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

78 1.0701 0.3821 0.1863 0.3821

weight\_b:Parameter containing:

tensor([[0.4543],

[0.2229],

[0.2972],

[0.4225]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2284 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

79 1.0699 0.3772 0.1846 0.3772

weight\_b:Parameter containing:

tensor([[0.4591],

[0.2290],

[0.3007],

[0.4267]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0224]], requires\_grad=True)

test\_f1-ma: 0.2284 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

80 1.0697 0.3797 0.1855 0.3797

weight\_b:Parameter containing:

tensor([[0.4639],

[0.2351],

[0.3045],

[0.4309]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0234]], requires\_grad=True)

test\_f1-ma: 0.2331 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

81 1.0696 0.3573 0.1919 0.3573

weight\_b:Parameter containing:

tensor([[0.4688],

[0.2411],

[0.3079],

[0.4350]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2587 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

82 1.0693 0.3797 0.1851 0.3797

weight\_b:Parameter containing:

tensor([[0.4736],

[0.2470],

[0.3117],

[0.4391]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0254]], requires\_grad=True)

test\_f1-ma: 0.2340 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

83 1.0687 0.3772 0.1846 0.3772

weight\_b:Parameter containing:

tensor([[0.4787],

[0.2532],

[0.3155],

[0.4434]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0266]], requires\_grad=True)

test\_f1-ma: 0.2330 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

84 1.0682 0.3821 0.1863 0.3821

weight\_b:Parameter containing:

tensor([[0.4837],

[0.2594],

[0.3196],

[0.4476]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2284 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

85 1.0682 0.3821 0.1857 0.3821

weight\_b:Parameter containing:

tensor([[0.4888],

[0.2656],

[0.3238],

[0.4520]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0296]], requires\_grad=True)

test\_f1-ma: 0.2395 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

86 1.0701 0.3623 0.1983 0.3623

weight\_b:Parameter containing:

tensor([[0.4939],

[0.2709],

[0.3259],

[0.4563]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0299]], requires\_grad=True)

test\_f1-ma: 0.2687 test\_f1-mi: 0.4527

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

torch.Size([21318, 200])

87 1.0686 0.3821 0.1857 0.3821

weight\_b:Parameter containing:

tensor([[0.4989],

[0.2760],

[0.3280],

[0.4605]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0301]], requires\_grad=True)

test\_f1-ma: 0.2345 test\_f1-mi: 0.4552

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

torch.Size([21318, 200])

88 1.0677 0.3772 0.1846 0.3772

weight\_b:Parameter containing:

tensor([[0.5040],

[0.2814],

[0.3306],

[0.4649]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0307]], requires\_grad=True)

test\_f1-ma: 0.2362 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

89 1.0675 0.3548 0.1915 0.3548

weight\_b:Parameter containing:

tensor([[0.5091],

[0.2866],

[0.3336],

[0.4693]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0317]], requires\_grad=True)

test\_f1-ma: 0.2600 test\_f1-mi: 0.4428

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

torch.Size([21318, 200])

90 1.0671 0.3598 0.1929 0.3598

weight\_b:Parameter containing:

tensor([[0.5142],

[0.2912],

[0.3367],

[0.4737]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2555 test\_f1-mi: 0.4428

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

torch.Size([21318, 200])

91 1.0668 0.3821 0.1860 0.3821

weight\_b:Parameter containing:

tensor([[0.5193],

[0.2950],

[0.3398],

[0.4781]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0335]], requires\_grad=True)

test\_f1-ma: 0.2280 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

92 1.0666 0.3797 0.1858 0.3797

weight\_b:Parameter containing:

tensor([[0.5244],

[0.2989],

[0.3427],

[0.4826]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0343]], requires\_grad=True)

test\_f1-ma: 0.2327 test\_f1-mi: 0.4502

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

torch.Size([21318, 200])

93 1.0660 0.3772 0.1853 0.3772

weight\_b:Parameter containing:

tensor([[0.5296],

[0.3030],

[0.3459],

[0.4872]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0353]], requires\_grad=True)

test\_f1-ma: 0.2370 test\_f1-mi: 0.4478

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

torch.Size([21318, 200])

94 1.0658 0.3797 0.1858 0.3797

weight\_b:Parameter containing:

tensor([[0.5348],

[0.3070],

[0.3494],

[0.4919]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0365]], requires\_grad=True)

test\_f1-ma: 0.2301 test\_f1-mi: 0.4403

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

torch.Size([21318, 200])

95 1.0654 0.3598 0.1932 0.3598

weight\_b:Parameter containing:

tensor([[0.5400],

[0.3110],

[0.3529],

[0.4966]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0379]], requires\_grad=True)

test\_f1-ma: 0.2511 test\_f1-mi: 0.4428

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

torch.Size([21318, 200])

96 1.0654 0.3821 0.1860 0.3821

weight\_b:Parameter containing:

tensor([[0.5451],

[0.3146],

[0.3564],

[0.5013]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0392]], requires\_grad=True)

test\_f1-ma: 0.2310 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

97 1.0646 0.3573 0.1924 0.3573

weight\_b:Parameter containing:

tensor([[0.5503],

[0.3183],

[0.3599],

[0.5060]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2565 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

98 1.0641 0.3722 0.1828 0.3722

weight\_b:Parameter containing:

tensor([[0.5555],

[0.3226],

[0.3637],

[0.5107]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0420]], requires\_grad=True)

test\_f1-ma: 0.2316 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

99 1.0638 0.3722 0.1835 0.3722

weight\_b:Parameter containing:

tensor([[0.5608],

[0.3277],

[0.3679],

[0.5155]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0437]], requires\_grad=True)

test\_f1-ma: 0.2363 test\_f1-mi: 0.4453

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

torch.Size([21318, 200])

100 1.0635 0.3499 0.1931 0.3499

weight\_b:Parameter containing:

tensor([[0.5663],

[0.3337],

[0.3721],

[0.5203]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2560 test\_f1-mi: 0.4428

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

time: 1256.5853106976

[Classification] Macro-F1: 0.2065 (0.0000) | Micro-F1: 0.4478 (0.0000)

[0.20654044750430292, 0.44776119402985076]

Test F1-ma: 0.2065404475, F1-mi: 0.4477611940

Process finished with exit code 0