C:\Users\bryan\anaconda3\envs\pytorch1.11.0\python.exe C:/Users/bryan/Desktop/ZWJ/代码/RE-SSGC/Node\_Classfication.py

imdb\_1\_10 node number: 12772

torch.Size([12772, 512])

1 1.1016 0.4864 0.2187 0.4864

weight\_b:Parameter containing:

tensor([[0.0133],

[0.0521]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2242 test\_f1-mi: 0.5034

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

torch.Size([12772, 512])

2 1.0112 0.4932 0.2202 0.4932

weight\_b:Parameter containing:

tensor([[0.0166],

[0.0552]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2232 test\_f1-mi: 0.5034

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

torch.Size([12772, 512])

3 0.9777 0.4966 0.2285 0.4966

weight\_b:Parameter containing:

tensor([[0.0207],

[0.0589]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0175]], requires\_grad=True)

test\_f1-ma: 0.2394 test\_f1-mi: 0.5102

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

torch.Size([12772, 512])

4 0.9378 0.5238 0.3072 0.5238

weight\_b:Parameter containing:

tensor([[0.0251],

[0.0630]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.2907 test\_f1-mi: 0.5238

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

torch.Size([12772, 512])

5 0.8883 0.5408 0.3467 0.5408

weight\_b:Parameter containing:

tensor([[0.0296],

[0.0673]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[0.0108]], requires\_grad=True)

test\_f1-ma: 0.3621 test\_f1-mi: 0.5510

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

torch.Size([12772, 512])

6 0.8316 0.5680 0.4011 0.5680

weight\_b:Parameter containing:

tensor([[0.0342],

[0.0716]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.3893 test\_f1-mi: 0.5714

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

torch.Size([12772, 512])

7 0.7818 0.5612 0.4189 0.5612

weight\_b:Parameter containing:

tensor([[0.0389],

[0.0761]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.4911 test\_f1-mi: 0.5918

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

torch.Size([12772, 512])

8 0.7403 0.5884 0.5051 0.5884

weight\_b:Parameter containing:

tensor([[0.0438],

[0.0807]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.5850 test\_f1-mi: 0.6395

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

torch.Size([12772, 512])

9 0.7001 0.6156 0.5672 0.6156

weight\_b:Parameter containing:

tensor([[0.0487],

[0.0855]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.6339 test\_f1-mi: 0.6599

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

torch.Size([12772, 512])

10 0.6558 0.6395 0.6023 0.6395

weight\_b:Parameter containing:

tensor([[0.0537],

[0.0903]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.6829 test\_f1-mi: 0.7007

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

torch.Size([12772, 512])

11 0.6070 0.6429 0.6011 0.6429

weight\_b:Parameter containing:

tensor([[0.0588],

[0.0952]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.6752 test\_f1-mi: 0.7007

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

torch.Size([12772, 512])

12 0.5660 0.6565 0.6040 0.6565

weight\_b:Parameter containing:

tensor([[0.0639],

[0.1000]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.6625 test\_f1-mi: 0.6939

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

torch.Size([12772, 512])

13 0.5342 0.6803 0.6279 0.6803

weight\_b:Parameter containing:

tensor([[0.0690],

[0.1049]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0134]], requires\_grad=True)

test\_f1-ma: 0.6649 test\_f1-mi: 0.7007

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

torch.Size([12772, 512])

14 0.5005 0.6939 0.6513 0.6939

weight\_b:Parameter containing:

tensor([[0.0741],

[0.1096]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0150]], requires\_grad=True)

test\_f1-ma: 0.6729 test\_f1-mi: 0.7075

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

torch.Size([12772, 512])

15 0.4633 0.7041 0.6671 0.7041

weight\_b:Parameter containing:

tensor([[0.0790],

[0.1143]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.6787 test\_f1-mi: 0.7075

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

torch.Size([12772, 512])

16 0.4303 0.6905 0.6586 0.6905

weight\_b:Parameter containing:

tensor([[0.0840],

[0.1189]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.7030 test\_f1-mi: 0.7347

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

torch.Size([12772, 512])

17 0.4041 0.6973 0.6678 0.6973

weight\_b:Parameter containing:

tensor([[0.0888],

[0.1233]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.6952 test\_f1-mi: 0.7211

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

torch.Size([12772, 512])

18 0.3743 0.7245 0.6976 0.7245

weight\_b:Parameter containing:

tensor([[0.0934],

[0.1276]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0188]], requires\_grad=True)

test\_f1-ma: 0.7139 test\_f1-mi: 0.7415

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

torch.Size([12772, 512])

19 0.3422 0.7279 0.6915 0.7279

weight\_b:Parameter containing:

tensor([[0.0981],

[0.1318]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.7109 test\_f1-mi: 0.7415

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

torch.Size([12772, 512])

20 0.3190 0.7347 0.6954 0.7347

weight\_b:Parameter containing:

tensor([[0.1027],

[0.1361]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.7109 test\_f1-mi: 0.7415

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

torch.Size([12772, 512])

21 0.2937 0.7381 0.7037 0.7381

weight\_b:Parameter containing:

tensor([[0.1072],

[0.1403]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0226]], requires\_grad=True)

test\_f1-ma: 0.6815 test\_f1-mi: 0.7075

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

torch.Size([12772, 512])

22 0.2680 0.7483 0.7257 0.7483

weight\_b:Parameter containing:

tensor([[0.1117],

[0.1445]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0245]], requires\_grad=True)

test\_f1-ma: 0.7031 test\_f1-mi: 0.7279

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

torch.Size([12772, 512])

23 0.2499 0.7415 0.7264 0.7415

weight\_b:Parameter containing:

tensor([[0.1161],

[0.1486]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0271]], requires\_grad=True)

test\_f1-ma: 0.6728 test\_f1-mi: 0.6871

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

torch.Size([12772, 512])

24 0.2269 0.7687 0.7574 0.7687

weight\_b:Parameter containing:

tensor([[0.1205],

[0.1528]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0303]], requires\_grad=True)

test\_f1-ma: 0.6952 test\_f1-mi: 0.7143

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

torch.Size([12772, 512])

25 0.2136 0.7551 0.7370 0.7551

weight\_b:Parameter containing:

tensor([[0.1248],

[0.1570]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0338]], requires\_grad=True)

test\_f1-ma: 0.6673 test\_f1-mi: 0.7007

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

torch.Size([12772, 512])

26 0.1967 0.7585 0.7466 0.7585

weight\_b:Parameter containing:

tensor([[0.1291],

[0.1611]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0378]], requires\_grad=True)

test\_f1-ma: 0.6388 test\_f1-mi: 0.6667

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

torch.Size([12772, 512])

27 0.1885 0.7585 0.7486 0.7585

weight\_b:Parameter containing:

tensor([[0.1334],

[0.1653]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0424]], requires\_grad=True)

test\_f1-ma: 0.6584 test\_f1-mi: 0.6803

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

torch.Size([12772, 512])

28 0.1862 0.7483 0.7447 0.7483

weight\_b:Parameter containing:

tensor([[0.1375],

[0.1693]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0467]], requires\_grad=True)

test\_f1-ma: 0.6295 test\_f1-mi: 0.6463

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

torch.Size([12772, 512])

29 0.1711 0.7517 0.7415 0.7517

weight\_b:Parameter containing:

tensor([[0.1416],

[0.1734]], requires\_grad=True)

weight\_a:Parameter containing:

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

test\_f1-ma: 0.6685 test\_f1-mi: 0.6939

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

torch.Size([12772, 512])

30 0.1427 0.7619 0.7567 0.7619

weight\_b:Parameter containing:

tensor([[0.1457],

[0.1774]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0563]], requires\_grad=True)

test\_f1-ma: 0.6701 test\_f1-mi: 0.6871

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

torch.Size([12772, 512])

31 0.1406 0.7687 0.7645 0.7687

weight\_b:Parameter containing:

tensor([[0.1497],

[0.1813]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0615]], requires\_grad=True)

test\_f1-ma: 0.6829 test\_f1-mi: 0.6939

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

torch.Size([12772, 512])

32 0.1314 0.7585 0.7508 0.7585

weight\_b:Parameter containing:

tensor([[0.1536],

[0.1852]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0671]], requires\_grad=True)

test\_f1-ma: 0.6726 test\_f1-mi: 0.6871

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

torch.Size([12772, 512])

33 0.1119 0.7653 0.7521 0.7653

weight\_b:Parameter containing:

tensor([[0.1575],

[0.1890]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0729]], requires\_grad=True)

test\_f1-ma: 0.7229 test\_f1-mi: 0.7279

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

torch.Size([12772, 512])

34 0.1071 0.7585 0.7459 0.7585

weight\_b:Parameter containing:

tensor([[0.1613],

[0.1927]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0788]], requires\_grad=True)

test\_f1-ma: 0.7292 test\_f1-mi: 0.7347

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

torch.Size([12772, 512])

35 0.1024 0.7721 0.7614 0.7721

weight\_b:Parameter containing:

tensor([[0.1650],

[0.1964]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0849]], requires\_grad=True)

test\_f1-ma: 0.7158 test\_f1-mi: 0.7279

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

torch.Size([12772, 512])

36 0.0892 0.7653 0.7542 0.7653

weight\_b:Parameter containing:

tensor([[0.1687],

[0.2000]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0913]], requires\_grad=True)

test\_f1-ma: 0.7245 test\_f1-mi: 0.7347

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

torch.Size([12772, 512])

37 0.0799 0.7687 0.7562 0.7687

weight\_b:Parameter containing:

tensor([[0.1723],

[0.2036]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.0978]], requires\_grad=True)

test\_f1-ma: 0.7195 test\_f1-mi: 0.7279

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

torch.Size([12772, 512])

38 0.0779 0.7755 0.7638 0.7755

weight\_b:Parameter containing:

tensor([[0.1758],

[0.2071]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1044]], requires\_grad=True)

test\_f1-ma: 0.7090 test\_f1-mi: 0.7211

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

torch.Size([12772, 512])

39 0.0826 0.7891 0.7818 0.7891

weight\_b:Parameter containing:

tensor([[0.1792],

[0.2105]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1111]], requires\_grad=True)

test\_f1-ma: 0.7379 test\_f1-mi: 0.7483

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

torch.Size([12772, 512])

40 0.0722 0.7789 0.7696 0.7789

weight\_b:Parameter containing:

tensor([[0.1826],

[0.2138]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1179]], requires\_grad=True)

test\_f1-ma: 0.7068 test\_f1-mi: 0.7143

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

torch.Size([12772, 512])

41 0.0610 0.7755 0.7658 0.7755

weight\_b:Parameter containing:

tensor([[0.1858],

[0.2171]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1247]], requires\_grad=True)

test\_f1-ma: 0.7236 test\_f1-mi: 0.7347

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

torch.Size([12772, 512])

42 0.0520 0.7857 0.7785 0.7857

weight\_b:Parameter containing:

tensor([[0.1890],

[0.2203]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1316]], requires\_grad=True)

test\_f1-ma: 0.7469 test\_f1-mi: 0.7551

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

torch.Size([12772, 512])

43 0.0537 0.7823 0.7722 0.7823

weight\_b:Parameter containing:

tensor([[0.1921],

[0.2235]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1387]], requires\_grad=True)

test\_f1-ma: 0.7324 test\_f1-mi: 0.7415

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

torch.Size([12772, 512])

44 0.0635 0.7857 0.7770 0.7857

weight\_b:Parameter containing:

tensor([[0.1952],

[0.2265]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1453]], requires\_grad=True)

test\_f1-ma: 0.7575 test\_f1-mi: 0.7619

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

torch.Size([12772, 512])

45 0.0944 0.7585 0.7527 0.7585

weight\_b:Parameter containing:

tensor([[0.1984],

[0.2294]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1518]], requires\_grad=True)

test\_f1-ma: 0.7253 test\_f1-mi: 0.7347

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

torch.Size([12772, 512])

46 0.2262 0.7347 0.7341 0.7347

weight\_b:Parameter containing:

tensor([[0.2015],

[0.2317]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1535]], requires\_grad=True)

test\_f1-ma: 0.6769 test\_f1-mi: 0.6667

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

torch.Size([12772, 512])

47 0.1591 0.7381 0.7263 0.7381

weight\_b:Parameter containing:

tensor([[0.2048],

[0.2339]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1546]], requires\_grad=True)

test\_f1-ma: 0.6969 test\_f1-mi: 0.7143

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

torch.Size([12772, 512])

48 0.0879 0.7517 0.7402 0.7517

weight\_b:Parameter containing:

tensor([[0.2080],

[0.2360]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1558]], requires\_grad=True)

test\_f1-ma: 0.7287 test\_f1-mi: 0.7415

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

torch.Size([12772, 512])

49 0.0719 0.7653 0.7572 0.7653

weight\_b:Parameter containing:

tensor([[0.2112],

[0.2380]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1570]], requires\_grad=True)

test\_f1-ma: 0.7557 test\_f1-mi: 0.7619

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

torch.Size([12772, 512])

50 0.1395 0.7517 0.7435 0.7517

weight\_b:Parameter containing:

tensor([[0.2143],

[0.2397]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1566]], requires\_grad=True)

test\_f1-ma: 0.7215 test\_f1-mi: 0.7211

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

torch.Size([12772, 512])

51 0.0471 0.7653 0.7550 0.7653

weight\_b:Parameter containing:

tensor([[0.2174],

[0.2412]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1567]], requires\_grad=True)

test\_f1-ma: 0.7589 test\_f1-mi: 0.7687

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

torch.Size([12772, 512])

52 0.1343 0.7415 0.7290 0.7415

weight\_b:Parameter containing:

tensor([[0.2204],

[0.2427]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1566]], requires\_grad=True)

test\_f1-ma: 0.6982 test\_f1-mi: 0.7143

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

torch.Size([12772, 512])

53 0.0506 0.7687 0.7603 0.7687

weight\_b:Parameter containing:

tensor([[0.2234],

[0.2443]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1571]], requires\_grad=True)

test\_f1-ma: 0.7360 test\_f1-mi: 0.7483

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

torch.Size([12772, 512])

54 0.0490 0.7823 0.7697 0.7823

weight\_b:Parameter containing:

tensor([[0.2261],

[0.2458]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1578]], requires\_grad=True)

test\_f1-ma: 0.7464 test\_f1-mi: 0.7551

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

torch.Size([12772, 512])

55 0.0875 0.7721 0.7621 0.7721

weight\_b:Parameter containing:

tensor([[0.2289],

[0.2471]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1581]], requires\_grad=True)

test\_f1-ma: 0.7210 test\_f1-mi: 0.7211

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

torch.Size([12772, 512])

56 0.0529 0.7857 0.7732 0.7857

weight\_b:Parameter containing:

tensor([[0.2317],

[0.2485]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1586]], requires\_grad=True)

test\_f1-ma: 0.7447 test\_f1-mi: 0.7551

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

torch.Size([12772, 512])

57 0.0455 0.7755 0.7657 0.7755

weight\_b:Parameter containing:

tensor([[0.2343],

[0.2498]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1596]], requires\_grad=True)

test\_f1-ma: 0.7225 test\_f1-mi: 0.7347

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

torch.Size([12772, 512])

58 0.0649 0.7653 0.7581 0.7653

weight\_b:Parameter containing:

tensor([[0.2368],

[0.2513]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1609]], requires\_grad=True)

test\_f1-ma: 0.7154 test\_f1-mi: 0.7279

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

torch.Size([12772, 512])

59 0.0372 0.7687 0.7589 0.7687

weight\_b:Parameter containing:

tensor([[0.2392],

[0.2528]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1626]], requires\_grad=True)

test\_f1-ma: 0.7259 test\_f1-mi: 0.7347

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

torch.Size([12772, 512])

60 0.0339 0.7789 0.7666 0.7789

weight\_b:Parameter containing:

tensor([[0.2416],

[0.2543]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1646]], requires\_grad=True)

test\_f1-ma: 0.7433 test\_f1-mi: 0.7551

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

torch.Size([12772, 512])

61 0.0504 0.7755 0.7656 0.7755

weight\_b:Parameter containing:

tensor([[0.2439],

[0.2558]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1665]], requires\_grad=True)

test\_f1-ma: 0.7415 test\_f1-mi: 0.7483

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

torch.Size([12772, 512])

62 0.0385 0.7823 0.7738 0.7823

weight\_b:Parameter containing:

tensor([[0.2462],

[0.2574]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1686]], requires\_grad=True)

test\_f1-ma: 0.7441 test\_f1-mi: 0.7551

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

torch.Size([12772, 512])

63 0.0306 0.7721 0.7644 0.7721

weight\_b:Parameter containing:

tensor([[0.2484],

[0.2589]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1710]], requires\_grad=True)

test\_f1-ma: 0.7458 test\_f1-mi: 0.7551

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

torch.Size([12772, 512])

64 0.0375 0.7721 0.7633 0.7721

weight\_b:Parameter containing:

tensor([[0.2505],

[0.2604]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1736]], requires\_grad=True)

test\_f1-ma: 0.7122 test\_f1-mi: 0.7211

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

torch.Size([12772, 512])

65 0.0293 0.7721 0.7644 0.7721

weight\_b:Parameter containing:

tensor([[0.2526],

[0.2620]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1764]], requires\_grad=True)

test\_f1-ma: 0.7259 test\_f1-mi: 0.7347

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

torch.Size([12772, 512])

66 0.0242 0.7721 0.7625 0.7721

weight\_b:Parameter containing:

tensor([[0.2546],

[0.2636]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1795]], requires\_grad=True)

test\_f1-ma: 0.7479 test\_f1-mi: 0.7551

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

torch.Size([12772, 512])

67 0.0295 0.7755 0.7636 0.7755

weight\_b:Parameter containing:

tensor([[0.2565],

[0.2651]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1826]], requires\_grad=True)

test\_f1-ma: 0.7630 test\_f1-mi: 0.7687

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

torch.Size([12772, 512])

68 0.0288 0.7789 0.7687 0.7789

weight\_b:Parameter containing:

tensor([[0.2583],

[0.2667]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1858]], requires\_grad=True)

test\_f1-ma: 0.7630 test\_f1-mi: 0.7687

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

torch.Size([12772, 512])

69 0.0223 0.7687 0.7581 0.7687

weight\_b:Parameter containing:

tensor([[0.2601],

[0.2682]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1892]], requires\_grad=True)

test\_f1-ma: 0.7613 test\_f1-mi: 0.7687

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

torch.Size([12772, 512])

70 0.0231 0.7721 0.7628 0.7721

weight\_b:Parameter containing:

tensor([[0.2619],

[0.2697]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1927]], requires\_grad=True)

test\_f1-ma: 0.7259 test\_f1-mi: 0.7347

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

torch.Size([12772, 512])

71 0.0237 0.7687 0.7585 0.7687

weight\_b:Parameter containing:

tensor([[0.2636],

[0.2713]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.1964]], requires\_grad=True)

test\_f1-ma: 0.7326 test\_f1-mi: 0.7415

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

torch.Size([12772, 512])

72 0.0186 0.7687 0.7593 0.7687

weight\_b:Parameter containing:

tensor([[0.2653],

[0.2728]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2002]], requires\_grad=True)

test\_f1-ma: 0.7535 test\_f1-mi: 0.7619

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

torch.Size([12772, 512])

73 0.0196 0.7755 0.7659 0.7755

weight\_b:Parameter containing:

tensor([[0.2669],

[0.2744]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2040]], requires\_grad=True)

test\_f1-ma: 0.7738 test\_f1-mi: 0.7823

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

torch.Size([12772, 512])

74 0.0213 0.7755 0.7662 0.7755

weight\_b:Parameter containing:

tensor([[0.2685],

[0.2759]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2078]], requires\_grad=True)

test\_f1-ma: 0.7682 test\_f1-mi: 0.7755

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

torch.Size([12772, 512])

75 0.0174 0.7721 0.7631 0.7721

weight\_b:Parameter containing:

tensor([[0.2701],

[0.2774]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2117]], requires\_grad=True)

test\_f1-ma: 0.7661 test\_f1-mi: 0.7755

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

torch.Size([12772, 512])

76 0.0169 0.7653 0.7573 0.7653

weight\_b:Parameter containing:

tensor([[0.2717],

[0.2788]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2156]], requires\_grad=True)

test\_f1-ma: 0.7535 test\_f1-mi: 0.7619

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

torch.Size([12772, 512])

77 0.0177 0.7687 0.7601 0.7687

weight\_b:Parameter containing:

tensor([[0.2733],

[0.2803]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2196]], requires\_grad=True)

test\_f1-ma: 0.7591 test\_f1-mi: 0.7687

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

torch.Size([12772, 512])

78 0.0155 0.7653 0.7573 0.7653

weight\_b:Parameter containing:

tensor([[0.2748],

[0.2817]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2236]], requires\_grad=True)

test\_f1-ma: 0.7605 test\_f1-mi: 0.7687

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

torch.Size([12772, 512])

79 0.0149 0.7721 0.7619 0.7721

weight\_b:Parameter containing:

tensor([[0.2763],

[0.2831]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2276]], requires\_grad=True)

test\_f1-ma: 0.7669 test\_f1-mi: 0.7755

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

torch.Size([12772, 512])

80 0.0162 0.7687 0.7576 0.7687

weight\_b:Parameter containing:

tensor([[0.2777],

[0.2846]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2317]], requires\_grad=True)

test\_f1-ma: 0.7613 test\_f1-mi: 0.7687

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

torch.Size([12772, 512])

81 0.0148 0.7687 0.7576 0.7687

weight\_b:Parameter containing:

tensor([[0.2791],

[0.2860]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2357]], requires\_grad=True)

test\_f1-ma: 0.7669 test\_f1-mi: 0.7755

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

torch.Size([12772, 512])

82 0.0139 0.7687 0.7577 0.7687

weight\_b:Parameter containing:

tensor([[0.2805],

[0.2874]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2397]], requires\_grad=True)

test\_f1-ma: 0.7605 test\_f1-mi: 0.7687

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

torch.Size([12772, 512])

83 0.0148 0.7687 0.7580 0.7687

weight\_b:Parameter containing:

tensor([[0.2818],

[0.2888]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2437]], requires\_grad=True)

test\_f1-ma: 0.7522 test\_f1-mi: 0.7619

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

torch.Size([12772, 512])

84 0.0136 0.7653 0.7534 0.7653

weight\_b:Parameter containing:

tensor([[0.2831],

[0.2902]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2477]], requires\_grad=True)

test\_f1-ma: 0.7522 test\_f1-mi: 0.7619

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

torch.Size([12772, 512])

85 0.0131 0.7687 0.7561 0.7687

weight\_b:Parameter containing:

tensor([[0.2844],

[0.2915]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2517]], requires\_grad=True)

test\_f1-ma: 0.7479 test\_f1-mi: 0.7551

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

torch.Size([12772, 512])

86 0.0139 0.7653 0.7545 0.7653

weight\_b:Parameter containing:

tensor([[0.2856],

[0.2929]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2557]], requires\_grad=True)

test\_f1-ma: 0.7503 test\_f1-mi: 0.7551

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

torch.Size([12772, 512])

87 0.0130 0.7653 0.7534 0.7653

weight\_b:Parameter containing:

tensor([[0.2869],

[0.2942]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2597]], requires\_grad=True)

test\_f1-ma: 0.7479 test\_f1-mi: 0.7551

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

torch.Size([12772, 512])

88 0.0127 0.7619 0.7514 0.7619

weight\_b:Parameter containing:

tensor([[0.2881],

[0.2955]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2636]], requires\_grad=True)

test\_f1-ma: 0.7415 test\_f1-mi: 0.7483

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

torch.Size([12772, 512])

89 0.0130 0.7653 0.7541 0.7653

weight\_b:Parameter containing:

tensor([[0.2894],

[0.2968]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2675]], requires\_grad=True)

test\_f1-ma: 0.7471 test\_f1-mi: 0.7551

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

torch.Size([12772, 512])

90 0.0121 0.7619 0.7514 0.7619

weight\_b:Parameter containing:

tensor([[0.2906],

[0.2981]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2714]], requires\_grad=True)

test\_f1-ma: 0.7415 test\_f1-mi: 0.7483

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

torch.Size([12772, 512])

91 0.0124 0.7517 0.7392 0.7517

weight\_b:Parameter containing:

tensor([[0.2918],

[0.2994]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2753]], requires\_grad=True)

test\_f1-ma: 0.7479 test\_f1-mi: 0.7551

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

torch.Size([12772, 512])

92 0.0120 0.7517 0.7409 0.7517

weight\_b:Parameter containing:

tensor([[0.2930],

[0.3006]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2791]], requires\_grad=True)

test\_f1-ma: 0.7479 test\_f1-mi: 0.7551

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

torch.Size([12772, 512])

93 0.0117 0.7585 0.7463 0.7585

weight\_b:Parameter containing:

tensor([[0.2942],

[0.3019]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2829]], requires\_grad=True)

test\_f1-ma: 0.7415 test\_f1-mi: 0.7483

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

torch.Size([12772, 512])

94 0.0119 0.7551 0.7432 0.7551

weight\_b:Parameter containing:

tensor([[0.2953],

[0.3031]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2867]], requires\_grad=True)

test\_f1-ma: 0.7415 test\_f1-mi: 0.7483

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

torch.Size([12772, 512])

95 0.0114 0.7585 0.7463 0.7585

weight\_b:Parameter containing:

tensor([[0.2965],

[0.3043]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2905]], requires\_grad=True)

test\_f1-ma: 0.7415 test\_f1-mi: 0.7483

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

torch.Size([12772, 512])

96 0.0116 0.7551 0.7432 0.7551

weight\_b:Parameter containing:

tensor([[0.2976],

[0.3056]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2942]], requires\_grad=True)

test\_f1-ma: 0.7486 test\_f1-mi: 0.7551

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

torch.Size([12772, 512])

97 0.0113 0.7551 0.7432 0.7551

weight\_b:Parameter containing:

tensor([[0.2988],

[0.3068]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.2979]], requires\_grad=True)

test\_f1-ma: 0.7415 test\_f1-mi: 0.7483

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

torch.Size([12772, 512])

98 0.0109 0.7517 0.7404 0.7517

weight\_b:Parameter containing:

tensor([[0.2999],

[0.3080]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3016]], requires\_grad=True)

test\_f1-ma: 0.7415 test\_f1-mi: 0.7483

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

torch.Size([12772, 512])

99 0.0110 0.7517 0.7404 0.7517

weight\_b:Parameter containing:

tensor([[0.3010],

[0.3092]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3053]], requires\_grad=True)

test\_f1-ma: 0.7471 test\_f1-mi: 0.7551

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

torch.Size([12772, 512])

100 0.0107 0.7517 0.7404 0.7517

weight\_b:Parameter containing:

tensor([[0.3021],

[0.3103]], requires\_grad=True)

weight\_a:Parameter containing:

tensor([[-0.3089]], requires\_grad=True)

test\_f1-ma: 0.7471 test\_f1-mi: 0.7551

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

time: 693.1387608051

[Classification] Macro-F1: 0.7379 (0.0000) | Micro-F1: 0.7483 (0.0000)

[0.7379261073688509, 0.7482993197278912]

Test F1-ma: 0.7379261074, F1-mi: 0.7482993197

Process finished with exit code 0