In [9]:

X\_melspec = np.load('/share/音乐分类2/ExtendeBallroom/without\_split\_features/melspec\_feature\_2048.npy')

y = np.load('/share/音乐分类2/ExtendeBallroom/onehot\_labels.npy')

X\_melspec = process\_data\_for\_conv2D(X\_melspec)

print(X\_melspec.shape)

print(y.shape)

(4180, 647, 128, 1)

(4180, 13)

Start 1 fold training

1 fold train loss 0.1232 train acc 0.9683, val loss 0.0926 val acc 0.9785, test loss 0.0977 test acc 0.9713

Start 2 fold training

2 fold train loss 0.1224 train acc 0.9698, val loss 0.0785 val acc 0.9785, test loss 0.1091 test acc 0.9809

Start 3 fold training

3 fold train loss 0.1753 train acc 0.9641, val loss 0.1766 val acc 0.9641, test loss 0.1202 test acc 0.9737

Start 4 fold training

4 fold train loss 0.1309 train acc 0.9710, val loss 0.0834 val acc 0.9856, test loss 0.1211 test acc 0.9785

Start 5 fold training

5 fold train loss 0.1373 train acc 0.9650, val loss 0.0556 val acc 0.9761, test loss 0.0547 test acc 0.9785

Start 6 fold training

6 fold train loss 0.1493 train acc 0.9644, val loss 0.1325 val acc 0.9785, test loss 0.1416 test acc 0.9737

Start 7 fold training

7 fold train loss 0.1433 train acc 0.9686, val loss 0.1790 val acc 0.9378, test loss 0.1313 test acc 0.9617

Start 8 fold training

8 fold train loss 0.1590 train acc 0.9683, val loss 0.0625 val acc 0.9833, test loss 0.0956 test acc 0.9833

Start 9 fold training

9 fold train loss 0.1409 train acc 0.9698, val loss 0.1899 val acc 0.9617, test loss 0.0842 test acc 0.9689

Start 10 fold training

10 fold train loss 0.1382 train acc 0.9701, val loss 0.3548 val acc 0.9426, test loss 0.1244 test acc 0.9689

10 fold train loss avg 0.1420 train acc avg 0.9679, val loss avg 0.1405 val acc avg 0.9687, test loss avg 0.1080 test acc avg 0.9739