

classifier result

activity 1.0
sensitivity: 96.93806541405706
specificity: 95.61752988047809
auc: 0.9976068816822712

activity 2.0
sensitivity: 99.53735831598426
specificity: 48.97959183673469
auc: 0.964683208467287

activity 3.0
sensitivity: 97.03380087376408
specificity: 52.58620689655172
auc: 0.9514412250933627

activity 4.0
sensitivity: 99.812734082397
specificity: 90.94269870609982
auc: 0.9881892233829709

activity 5.0
sensitivity: 99.91306237774397
specificity: 92.9245283018868
auc: 0.9908377178053992

activity 6.0
sensitivity: 99.93103448275862
specificity: 83.36933045356372
auc: 0.9884764529182491

activity 7.0
sensitivity: 99.90772779700116
specificity: 91.42259414225941
auc: 0.9926119500224407

activity 12.0
sensitivity: 97.4370403387564
specificity: 85.2760736196319
auc: 0.962842212198567

activity 13.0
sensitivity: 98.49590798495908
specificity: 76.02739726027397
auc: 0.9725432759754328

activity 16.0
sensitivity: 97.3305954825462
specificity: 93.72093023255815
auc: 0.9806405828014155

activity 17.0
sensitivity: 93.9912179339034
specificity: 95.06172839506173
auc: 0.9915947904867608

activity 24.0
sensitivity: 99.87190435525193
specificity: 82.17054263565892

auc: 0.9812548408237841

f1_score 81.64083033433947
accuracy 82.00706420112196
micro-average ROC AUC: 0.9773541560652521
macro-average ROC AUC: 0.9802287315685412

/usr/lib/python3.7/site-packages/matplotlib/ctbook/__init__.py:424: MatplotlibDeprecationWarning:
Passing one of 'on', 'true', 'off', 'false' as a boolean is deprecated; use an actual boolean (True/False) instead.
warn_deprecated("2.2", "Passing one of 'on', 'true', 'off', 'false' as a "

Out[3]:

<matplotlib.axes._subplots.AxesSubplot at 0x7f87f6b52048>

