

classifier result

activity 1.0
sensitivity: 95.49988401762933
specificity: 98.20717131474103
auc: 0.9971059857069057

activity 2.0
sensitivity: 99.62988665278742
specificity: 49.38775510204081
auc: 0.953411982419616

activity 3.0
sensitivity: 96.13704299839044
specificity: 53.66379310344828
auc: 0.9449615845101134

activity 4.0
sensitivity: 99.88295880149813
specificity: 88.17005545286507
auc: 0.9840845604270079

activity 5.0
sensitivity: 99.95653118887198
specificity: 92.9245283018868
auc: 0.9771511935469319

activity 6.0
sensitivity: 99.97701149425288
specificity: 86.60907127429806
auc: 0.9906318115240436

activity 7.0
sensitivity: 99.8154555940023
specificity: 91.2133891213389
auc: 0.9940030306978809

activity 12.0
sensitivity: 98.28393135725429
specificity: 86.1963190184049
auc: 0.9468690053474181

activity 13.0
sensitivity: 99.60185799601858
specificity: 79.45205479452055
auc: 0.9611516121115162

activity 16.0
sensitivity: 95.30002281542323
specificity: 93.72093023255815
auc: 0.9839644716107159

activity 17.0
sensitivity: 94.98497804483476
specificity: 76.54320987654322
auc: 0.976344581491848

activity 24.0
sensitivity: 99.80785653287788
specificity: 84.49612403100775

auc: 0.9763610576000106

f1_score 80.7468782166225
accuracy 80.86432578433408
micro-average ROC AUC: 0.9715990122844542
macro-average ROC AUC: 0.9738384626161327

/usr/lib/python3.7/site-packages/matplotlib/cbook/__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[4]:

<matplotlib.axes._subplots.AxesSubplot at 0x7f87f68afd30>

