

classifier result

activity 1.0
sensitivity: 95.6390628624449
specificity: 98.00796812749005
auc: 0.9970269698288728

activity 2.0
sensitivity: 99.60675456858662
specificity: 49.38775510204081
auc: 0.9542702299518003

activity 3.0
sensitivity: 96.11404920671418
specificity: 53.44827586206897
auc: 0.9479753074428524

activity 4.0
sensitivity: 99.76591760299625
specificity: 87.43068391866913
auc: 0.9849339203998698

activity 5.0
sensitivity: 99.91306237774397
specificity: 92.9245283018868
auc: 0.9809875211705412

activity 6.0
sensitivity: 99.97701149425288
specificity: 87.25701943844493
auc: 0.9914120801370373

activity 7.0
sensitivity: 99.86159169550173
specificity: 91.00418410041841
auc: 0.9938628367911281

activity 12.0
sensitivity: 97.99420548250501
specificity: 85.88957055214723
auc: 0.9460459049387392

activity 13.0
sensitivity: 99.64609599646096
specificity: 76.36986301369863
auc: 0.9593195983431959

activity 16.0
sensitivity: 96.18982432124116
specificity: 93.48837209302326
auc: 0.9838527821551555

activity 17.0
sensitivity: 94.66142824127571
specificity: 82.51028806584362
auc: 0.9796816049287611

activity 24.0
sensitivity: 99.80785653287788
specificity: 83.72093023255815

auc: 0.9759787566447546

f1_score 80.96501210611987
accuracy 81.13442759193849
micro-average ROC AUC: 0.9726027948023195
macro-average ROC AUC: 0.9746139365446781

/usr/lib/python3.7/site-packages/matplotlib/ctb/_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[5]:

<matplotlib.axes._subplots.AxesSubplot at 0x7fbf871b0390>

