

classifier result

activity 1.0

sensitivity: 94.34006031083275
specificity: 85.0597609561753
auc: 0.9724777531026441

activity 2.0

sensitivity: 99.58362248438584
specificity: 46.734693877551024
auc: 0.9166789408337936

activity 3.0

sensitivity: 95.76914233157048
specificity: 55.38793103448276
auc: 0.9337969588728284

activity 4.0

sensitivity: 99.39138576779027
specificity: 63.58595194085028
auc: 0.9658096914439206

activity 5.0

sensitivity: 100.0
specificity: 92.9245283018868
auc: 0.9835848851562211

activity 6.0

sensitivity: 98.85057471264368
specificity: 91.14470842332614
auc: 0.9859246294779178

activity 7.0

sensitivity: 99.37716262975779
specificity: 82.00836820083683
auc: 0.9702617596386328

activity 12.0

sensitivity: 93.73746378426566
specificity: 80.06134969325153
auc: 0.9110340574885046

activity 13.0

sensitivity: 97.65538597655386
specificity: 58.21917808219178
auc: 0.9263793317637932

activity 16.0

sensitivity: 94.4330367328314
specificity: 88.13953488372093
auc: 0.9787360255532741

activity 17.0

sensitivity: 95.93251675525768
specificity: 55.96707818930041
auc: 0.9558526184042964

activity 24.0

sensitivity: 99.93595217762596
specificity: 80.62015503875969

auc: 0.9517630528469008

f1_score 71.87136964765135
accuracy 71.763972574278
micro-average ROC AUC: 0.9524687431738377
macro-average ROC AUC: 0.9543621578769881

/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[3]:

<matplotlib.axes._subplots.AxesSubplot at 0x7ff19bb11128>

