

classifier result

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activity 1.0

sensitivity: 90.5857740585774  
specificity: 68.13186813186813  
auc: 0.9570267598510276  
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activity 2.0

sensitivity: 97.06806282722513  
specificity: 32.608695652173914  
auc: 0.9524186205326655  
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activity 3.0

sensitivity: 96.96016771488469  
specificity: 38.70967741935484  
auc: 0.9683111291449696  
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activity 4.0

sensitivity: 99.26624737945492  
specificity: 98.9247311827957  
auc: 0.9997633056062758  
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activity 5.0

sensitivity: 99.89528795811518  
specificity: 92.3913043478261  
auc: 0.9986626451172319  
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activity 6.0

sensitivity: 99.05759162303664  
specificity: 100.0  
auc: 0.999226041429547  
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activity 7.0

sensitivity: 99.89495798319328  
specificity: 96.84210526315789  
auc: 0.9999778858911985  
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activity 8.0

sensitivity: 100.0  
specificity: 92.3913043478261  
auc: 0.9983781015251536  
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activity 9.0

sensitivity: 99.89528795811518  
specificity: 100.0  
auc: 1.0  
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activity 10.0

sensitivity: 95.49738219895288  
specificity: 100.0  
auc: 0.9955269747325289  
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activity 11.0

sensitivity: 100.0  
specificity: 57.608695652173914  
auc: 0.9971602549510585  
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activity 12.0

sensitivity: 100.0  
specificity: 87.09677419354838

auc: 0.9999364998729997

f1\_score 79.6417297572078  
accuracy 80.03820439350525  
micro-average ROC AUC: 0.9908791861936745  
macro-average ROC AUC: 0.9889045744178516

/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 0x7f278c831400>

