Learning curves without HPO

Learning curve for HCHO

ROC AUC

0.614 ± 0.052
0.612 ± 0.038
0.634 ± 0.026
0.612 ± 0.019
0.604 ± 0.007

Number of samples

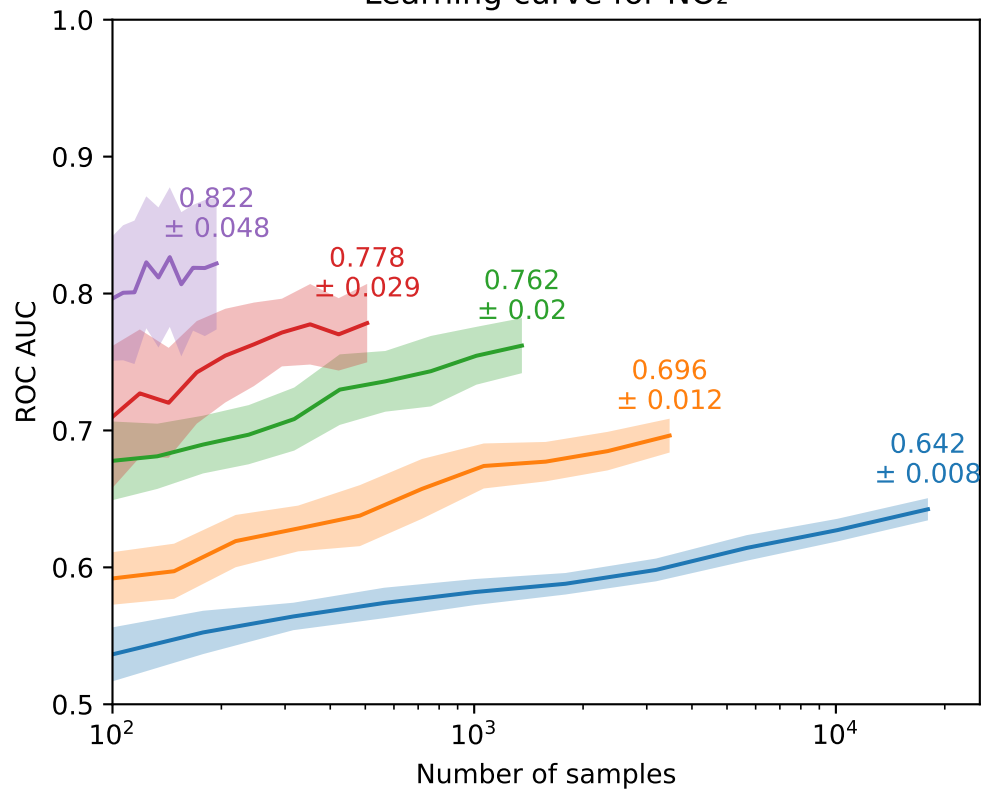## Learning curve for SO₂

ROC AUC

0.63 ± 0.062
0.619 ± 0.036
0.622 ± 0.016
0.62 ± 0.017
0.614 ± 0.01

Number of samples

Learning curve for NO₂

ROC AUC

0.822 ± 0.048
0.778 ± 0.029
0.762 ± 0.02
0.696 ± 0.012
0.642 ± 0.008

Number of samples
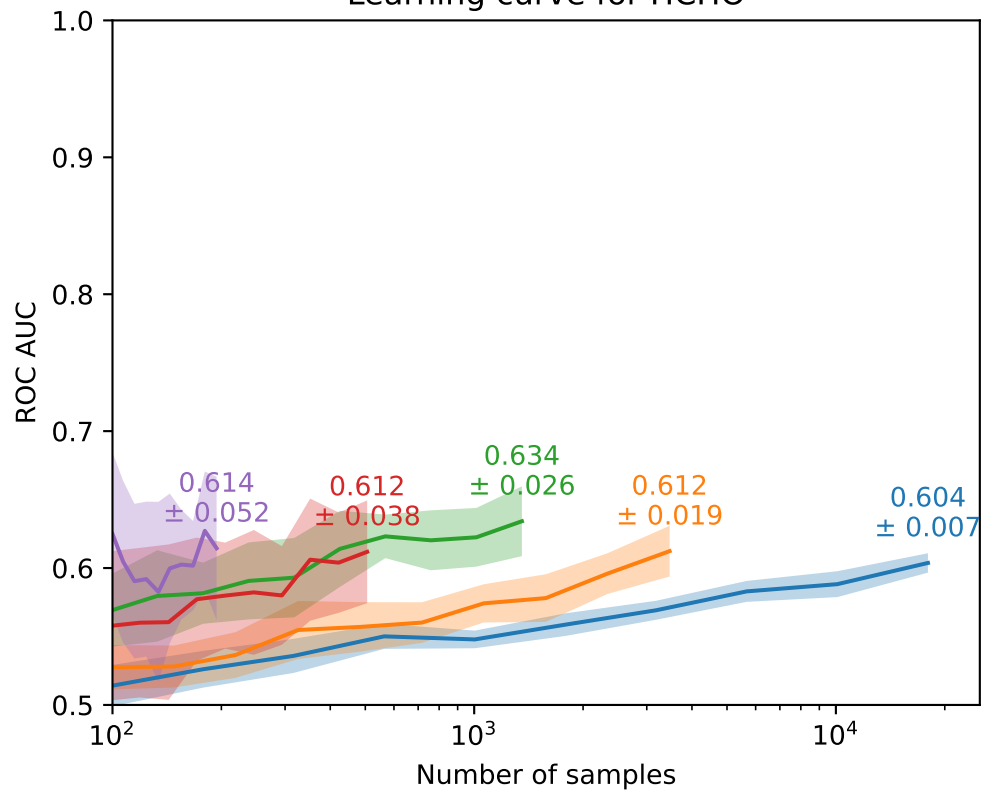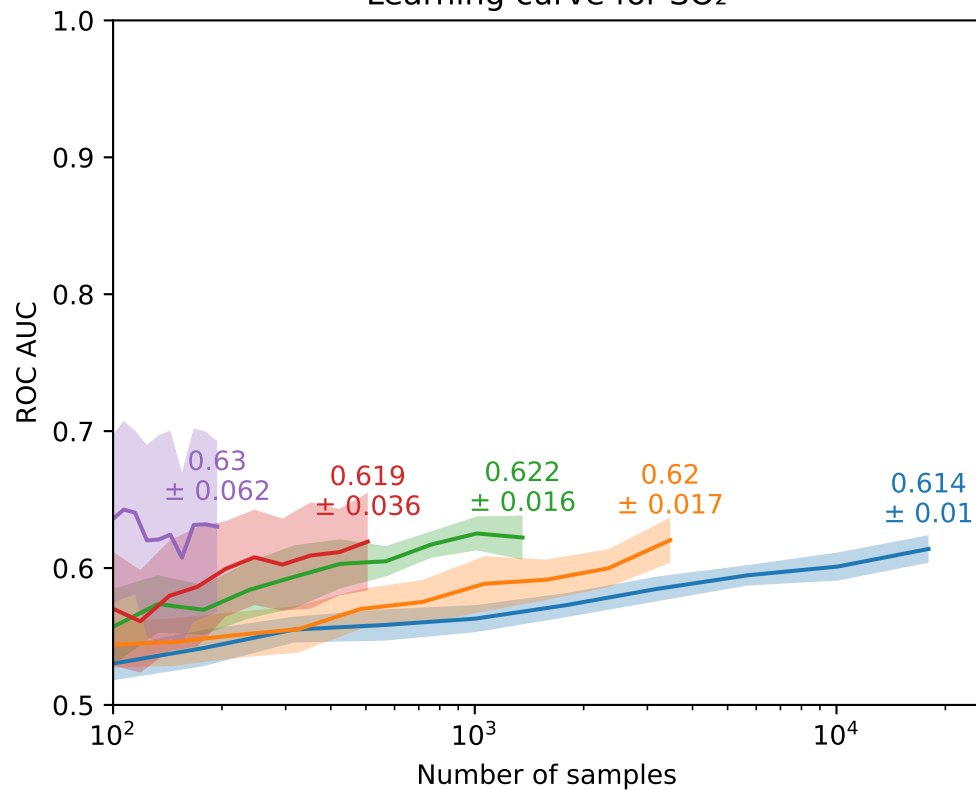
Learning curve for NO₂, SO₂, HCHO

ROC AUC

0.854 ± 0.038
0.783 ± 0.033
0.769 ± 0.016
0.716 ± 0.012
0.652 ± 0.009

Number of samples

Window center: 0.50e8
Window center: 1.62e8
Window center: 2.75e8
Window center: 3.88e8
Window center: 5.00e8