

# TF test report 1.6

**Test time: 10.05.2023**

**Model name: adm\_14.h (WITH THRESHOLD OUTPUT CLASSIFICATION 0.15) same as adm\_13 but trained not to follow anomalies**

**Model type: MLP**

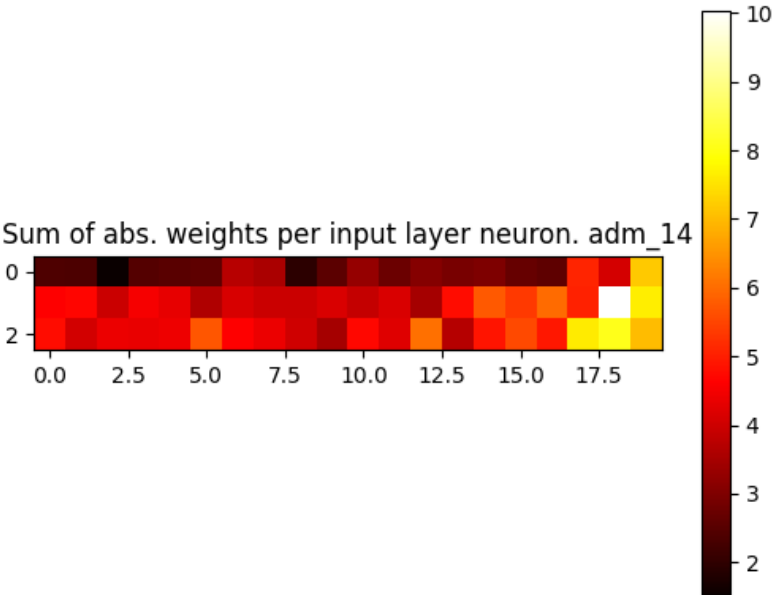
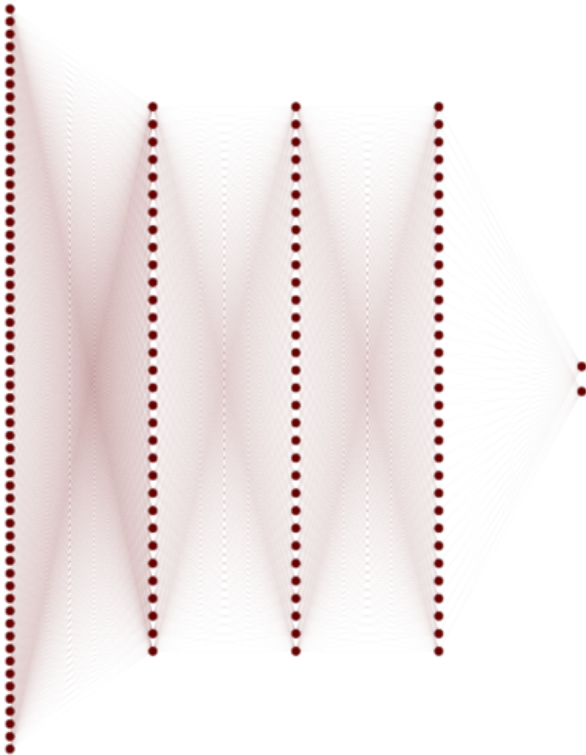
**Model description: 60x32x32x32x2 MLP to detect based on the previous 20 points from 3 panels, and predict the next point on panel 1. Tested on previously unseen data.**

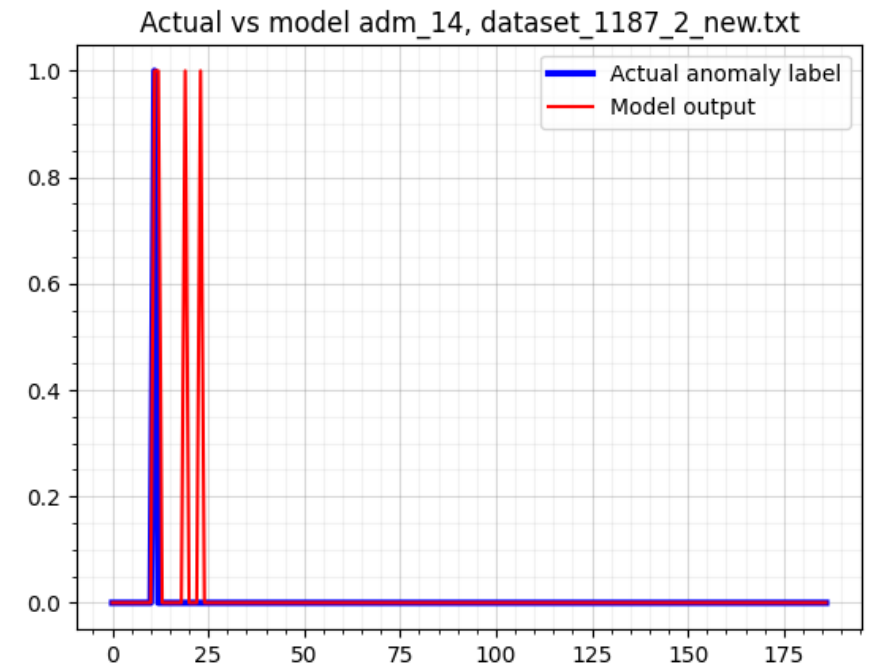
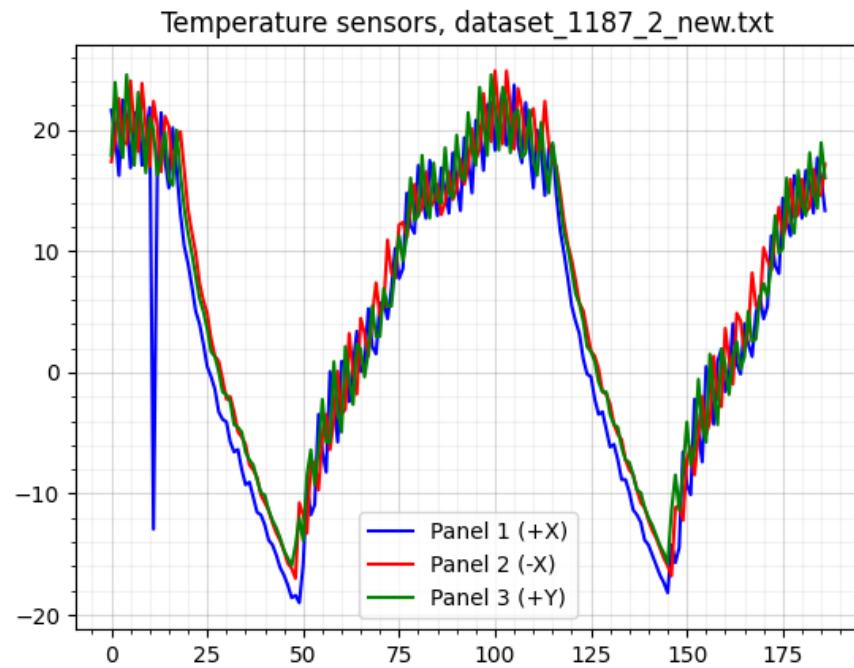
**Model data size: NA**

## Test results:

**Accuracy on NO anomalies (0): 0.9886**

**Accuracy on ANOMALIES (1): 0.8955**





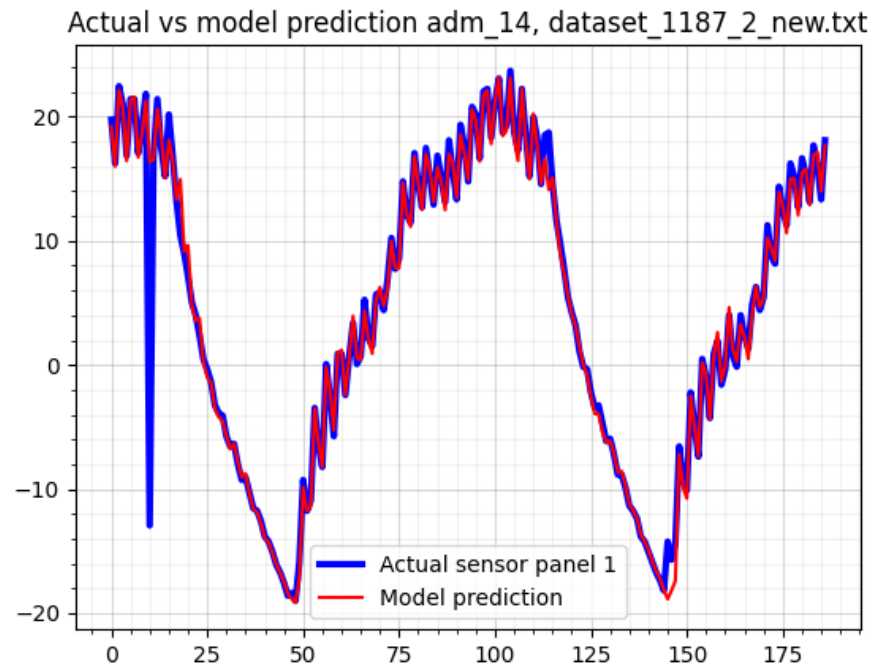
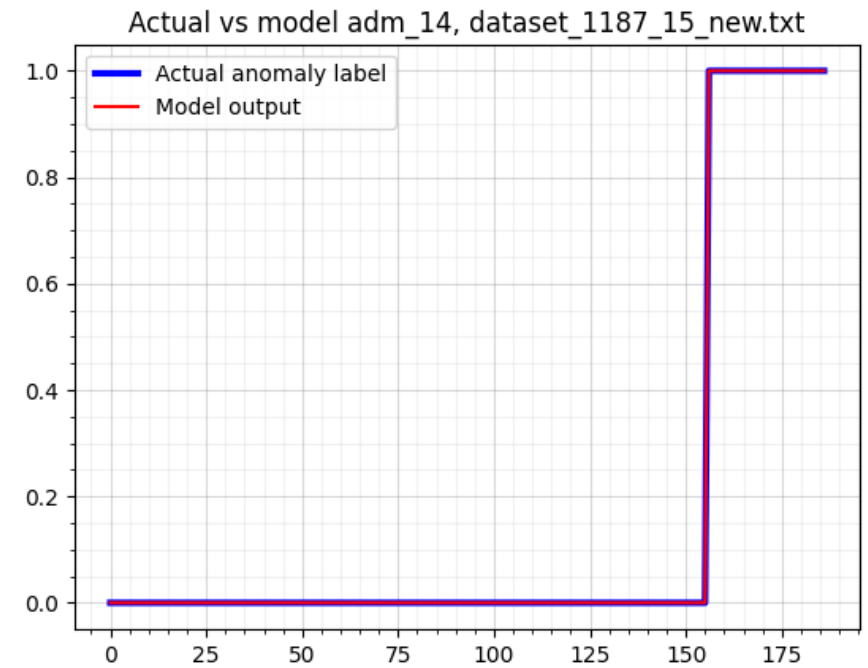
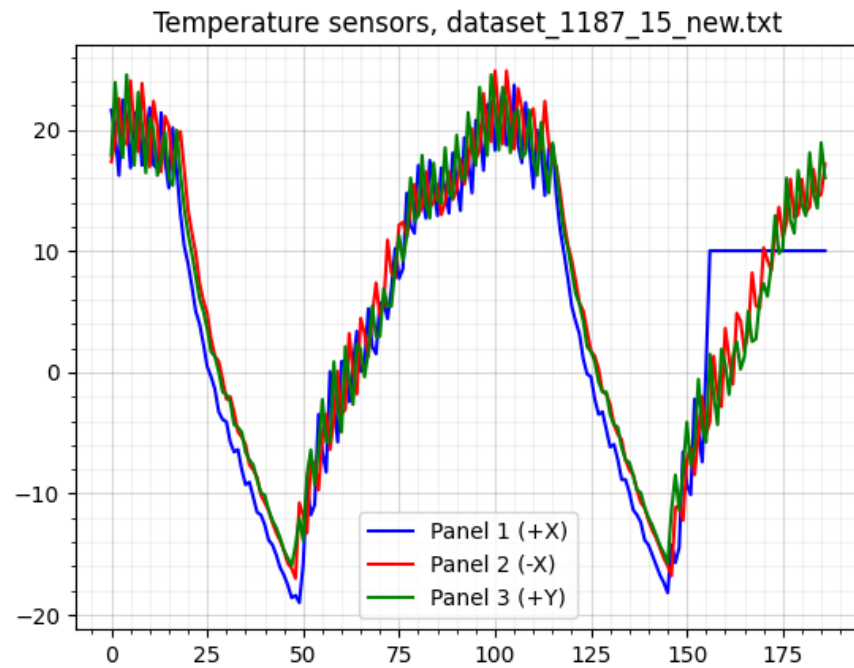


Figure 1: model inferences on dataset\_1187\_2\_new.txt\_sens.png



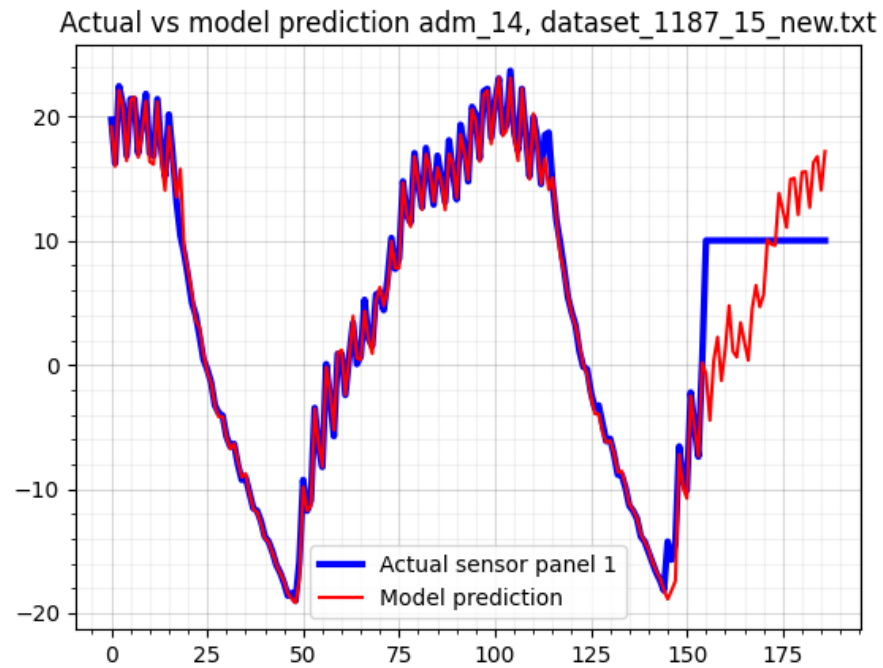
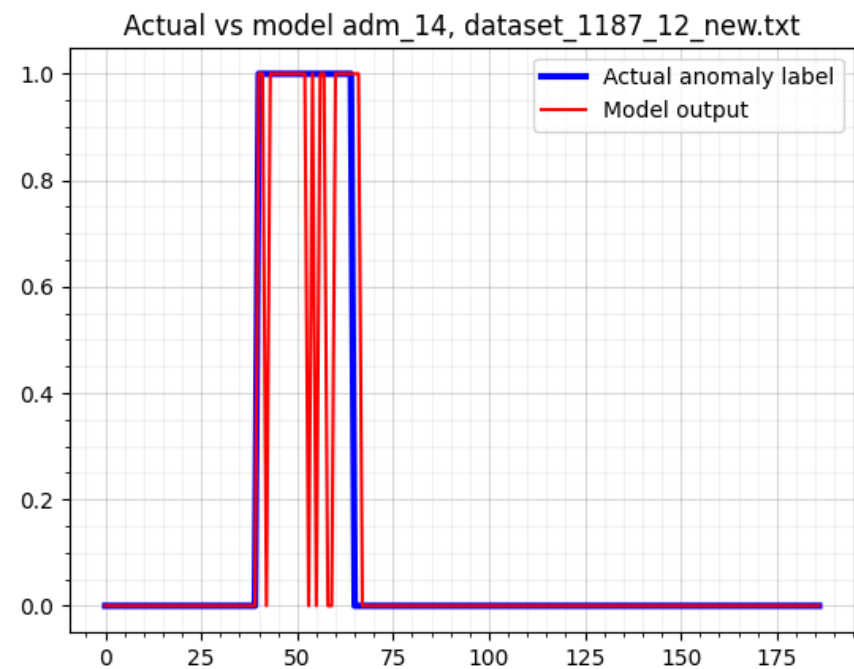
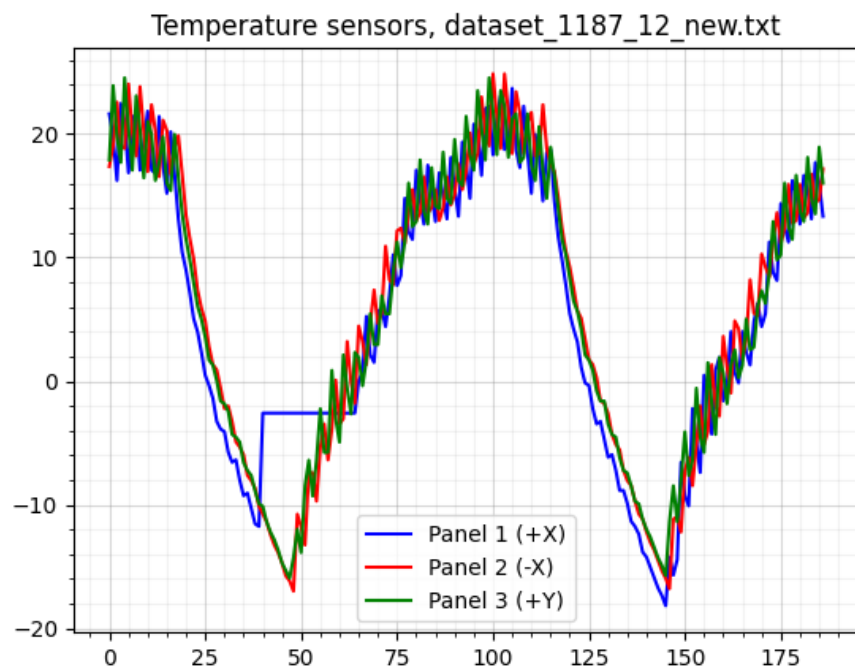


Figure 2: model inferences on dataset\_1187\_15\_new.txt\_sens.png



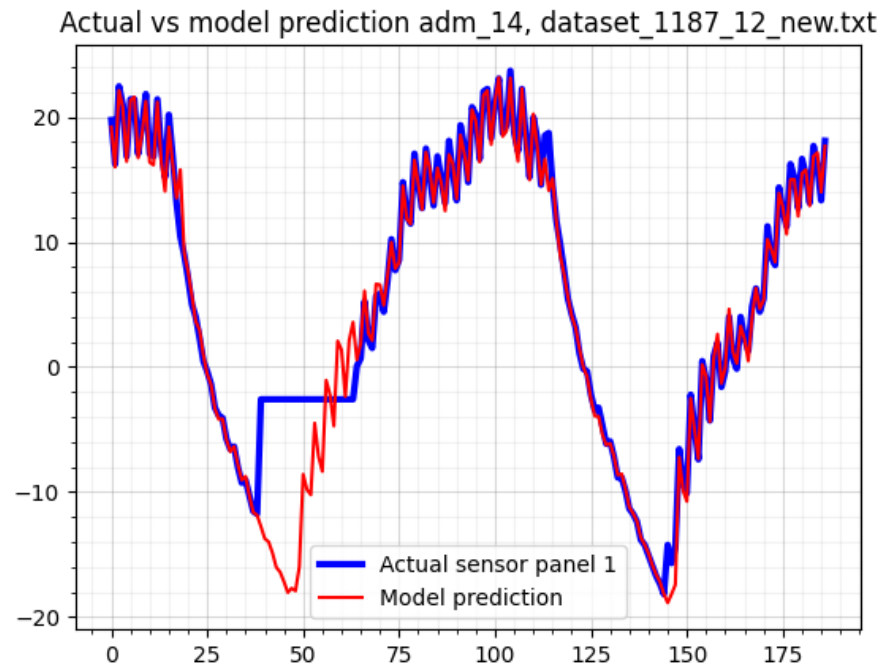
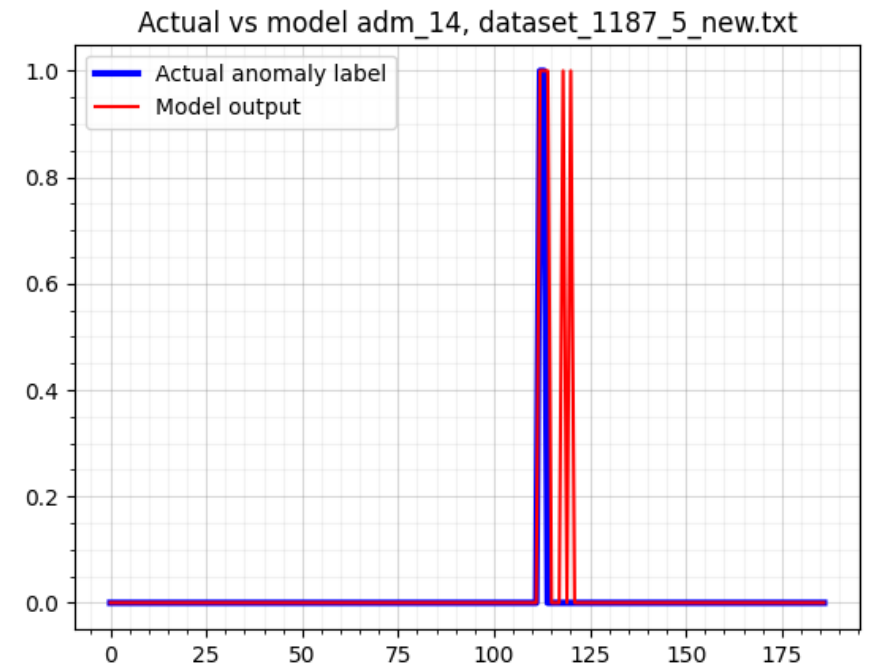
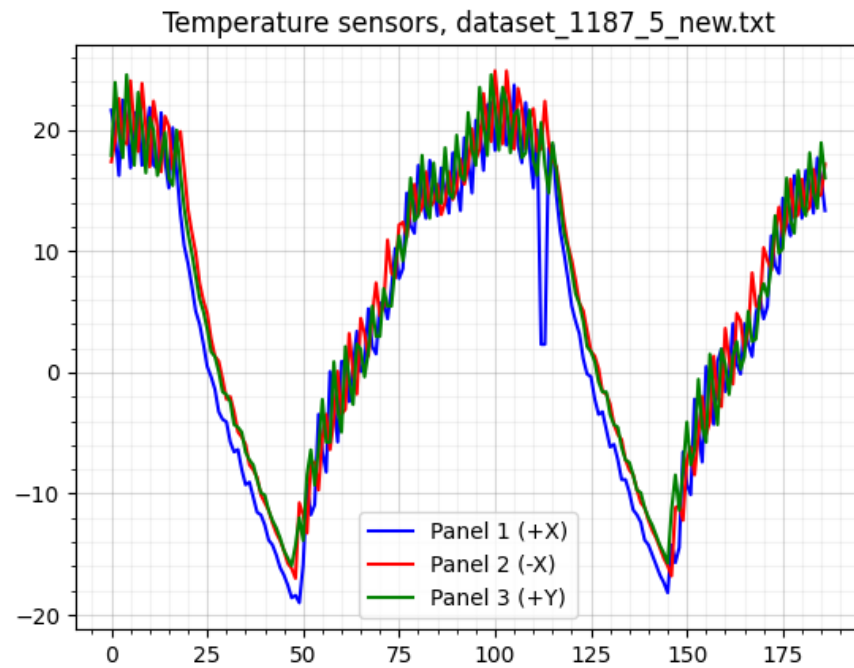


Figure 3: model inferences on dataset\_1187\_12\_new.txt\_sens.png





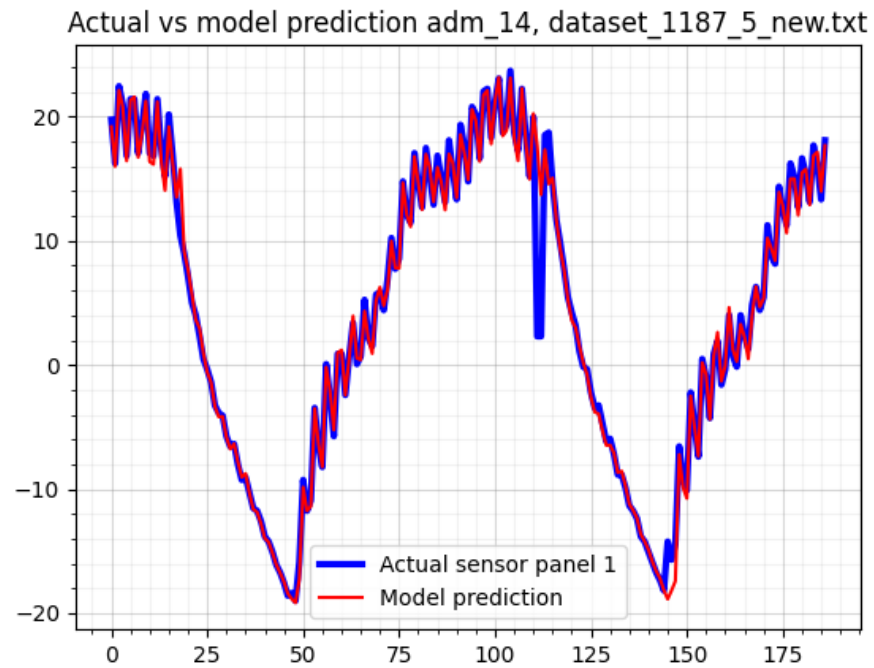
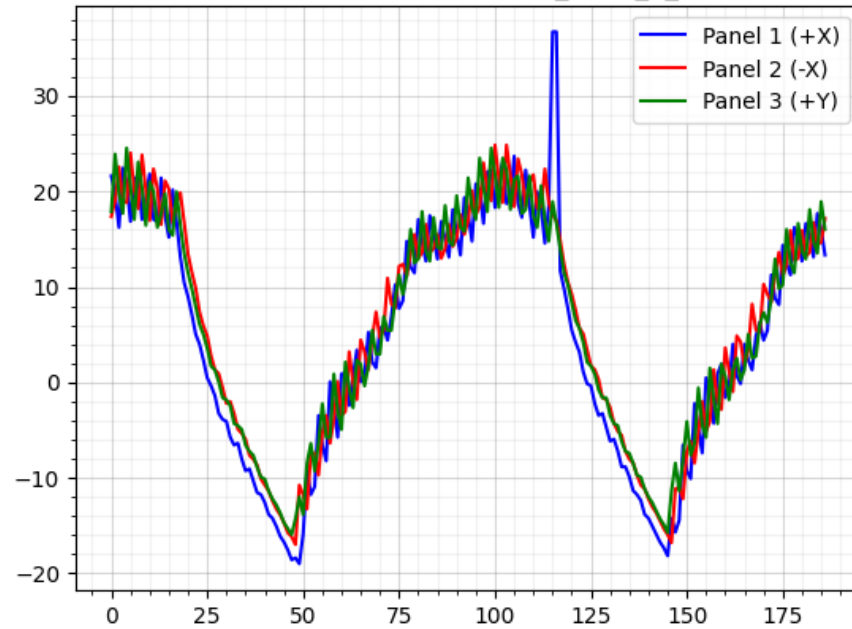
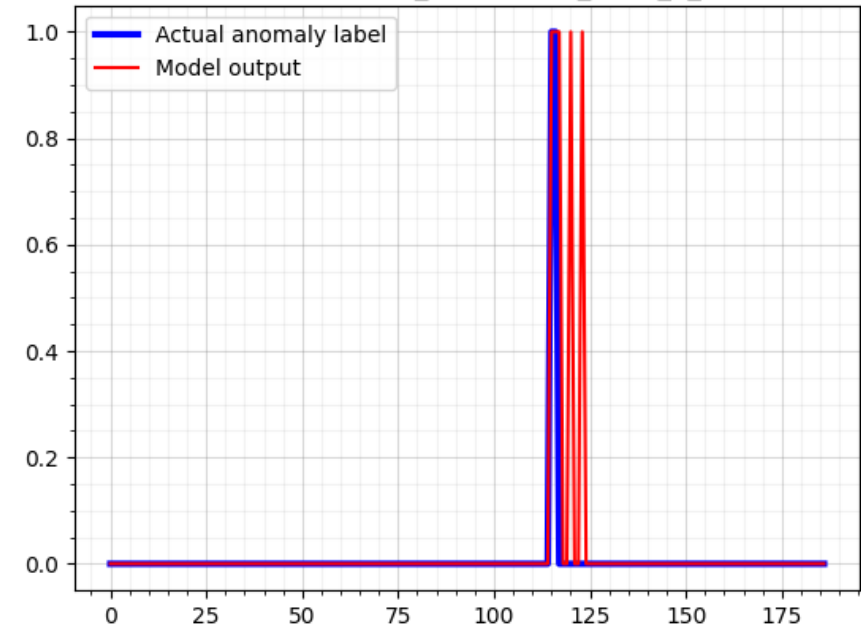


Figure 4: model inferences on dataset\_1187\_5\_new.txt\_sens.png

Temperature sensors, dataset\_1187\_4\_new.txt



Actual vs model adm\_14, dataset\_1187\_4\_new.txt



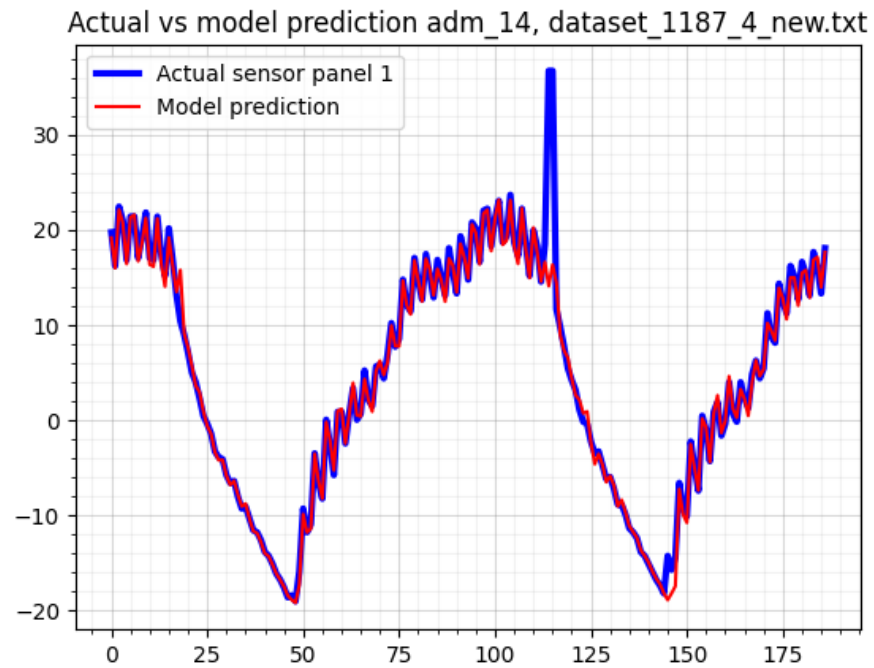
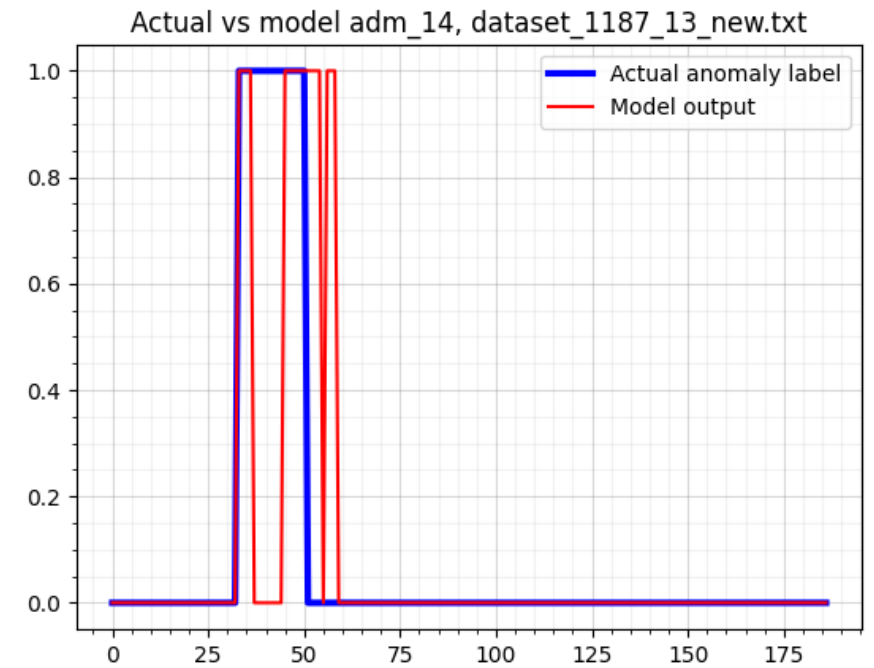
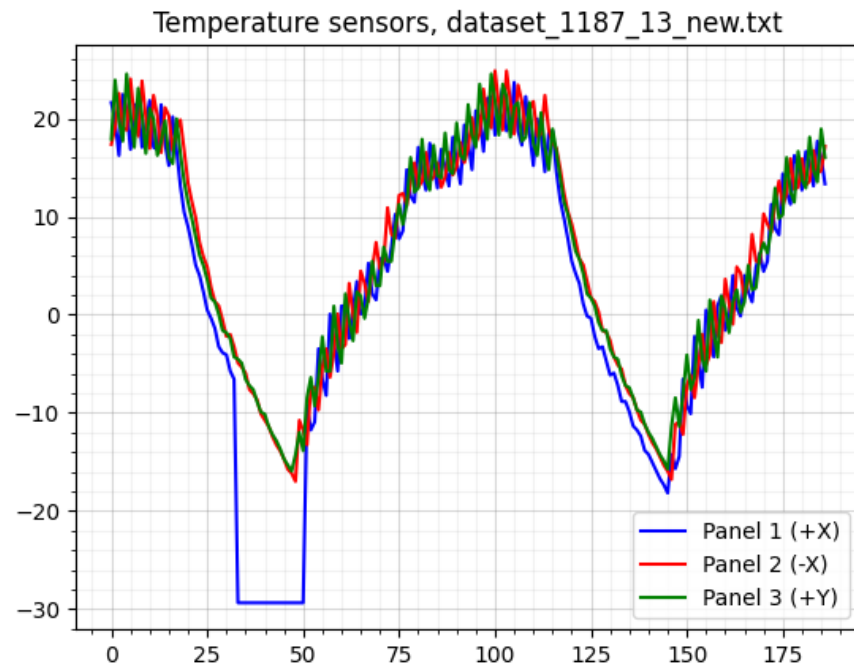


Figure 5: model inferences on dataset\_1187\_4\_new.txt\_sens.png



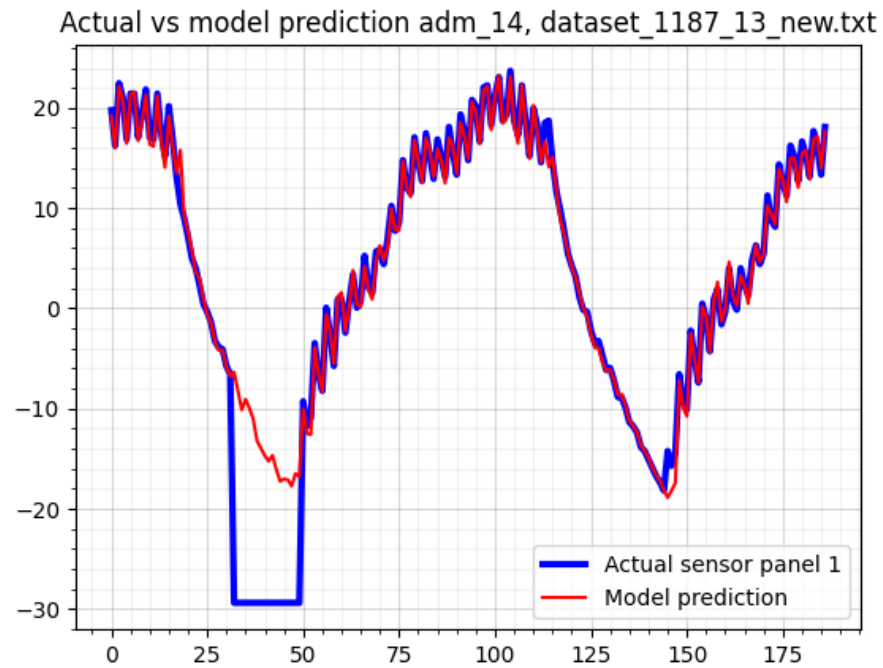
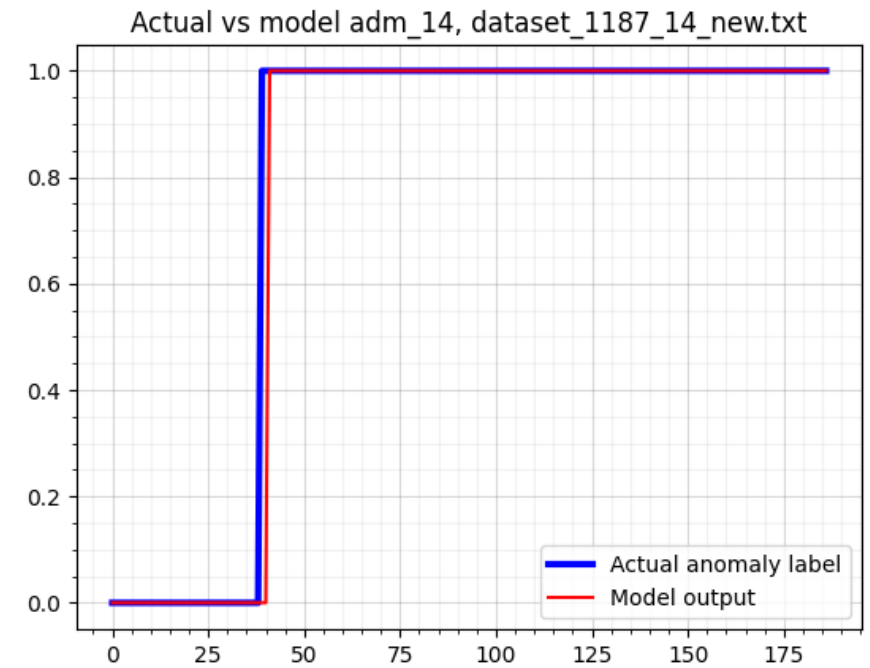
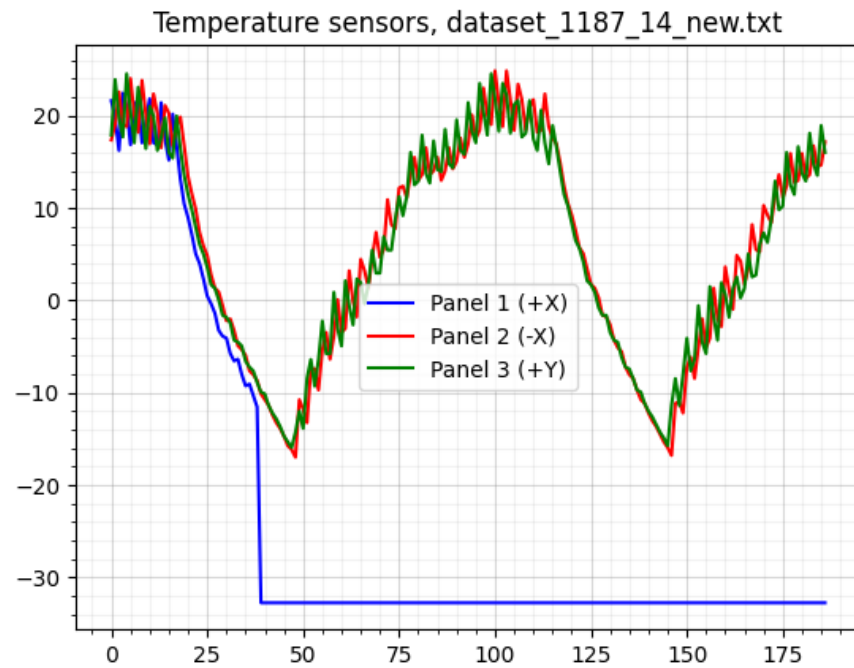


Figure 6: model inferences on dataset\_1187\_13\_new.txt\_sens.png



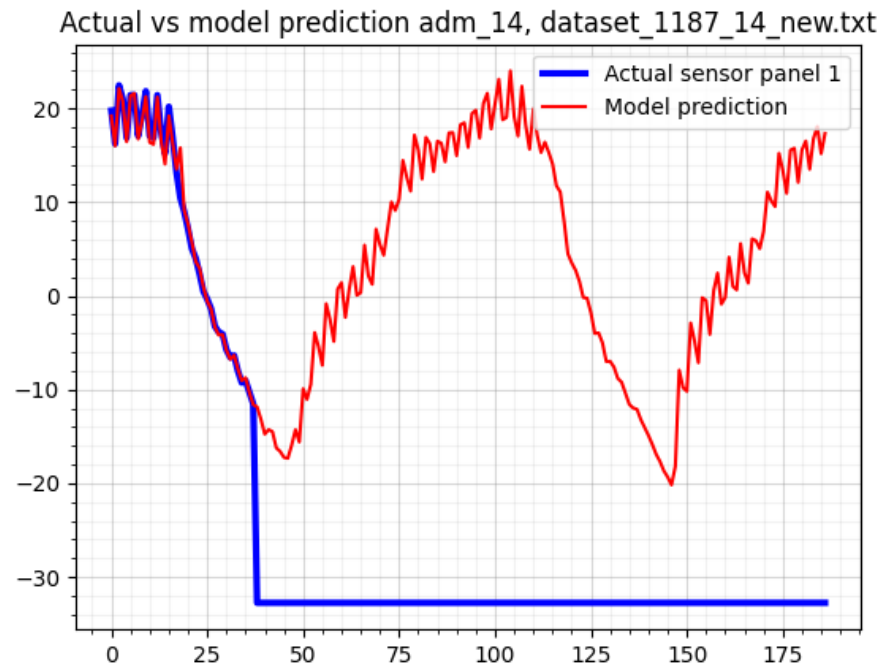
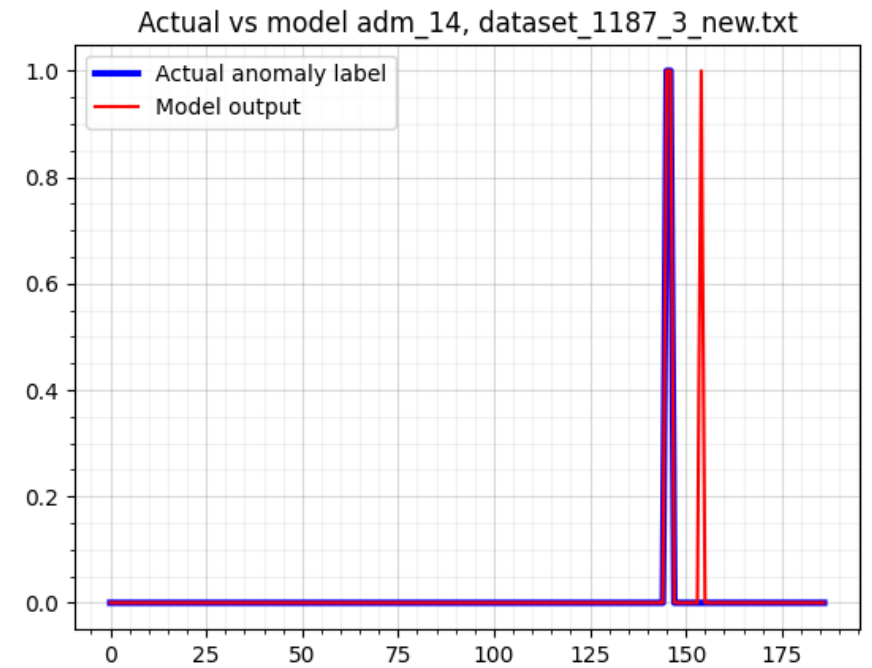
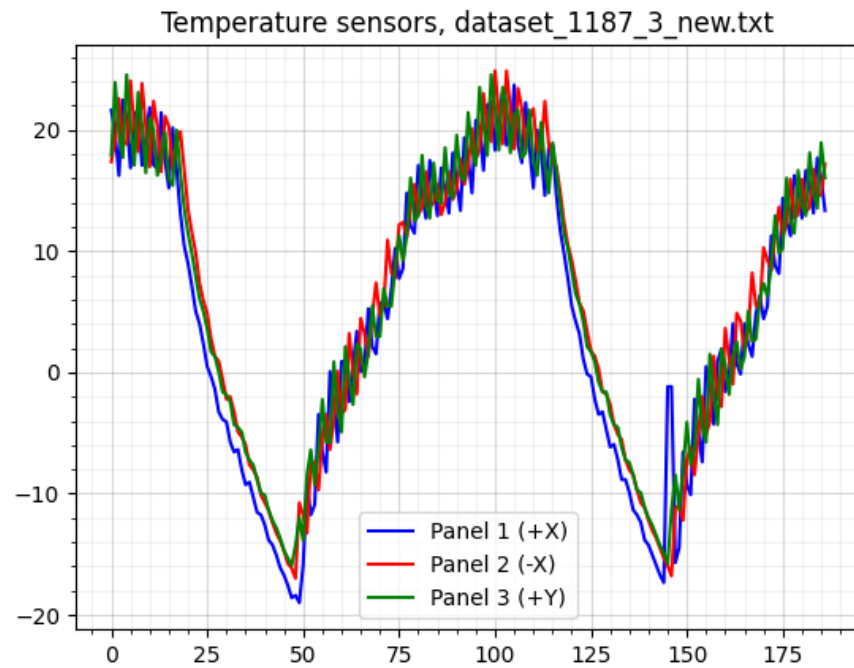


Figure 7: model inferences on dataset\_1187\_14\_new.txt\_sens.png





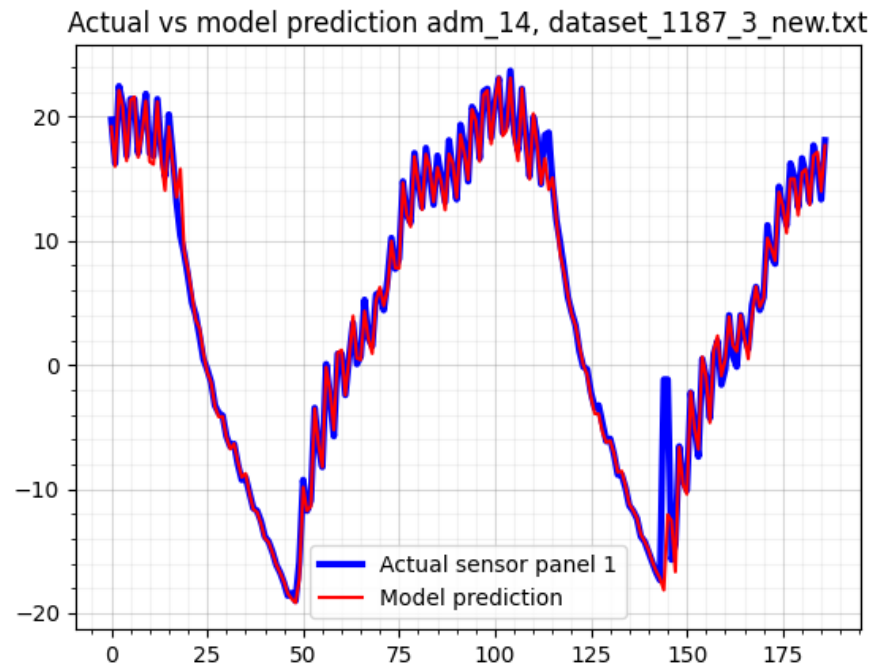
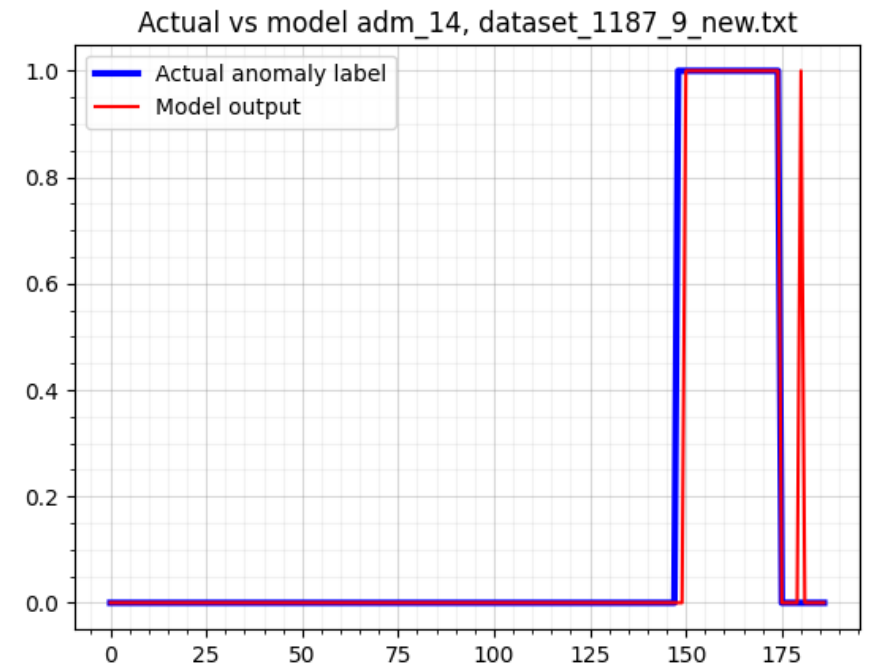
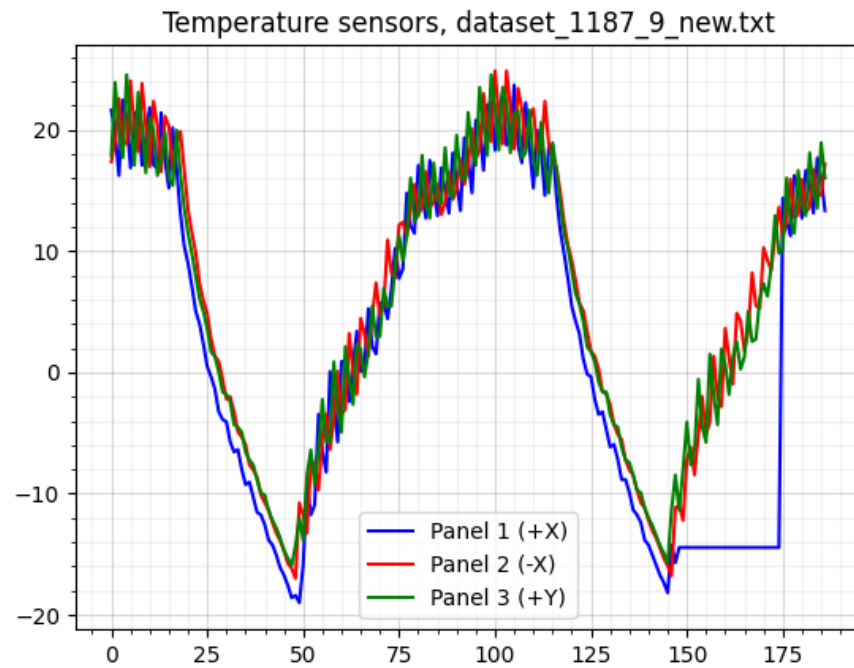


Figure 8: model inferences on dataset\_1187\_3\_new.txt\_sens.png



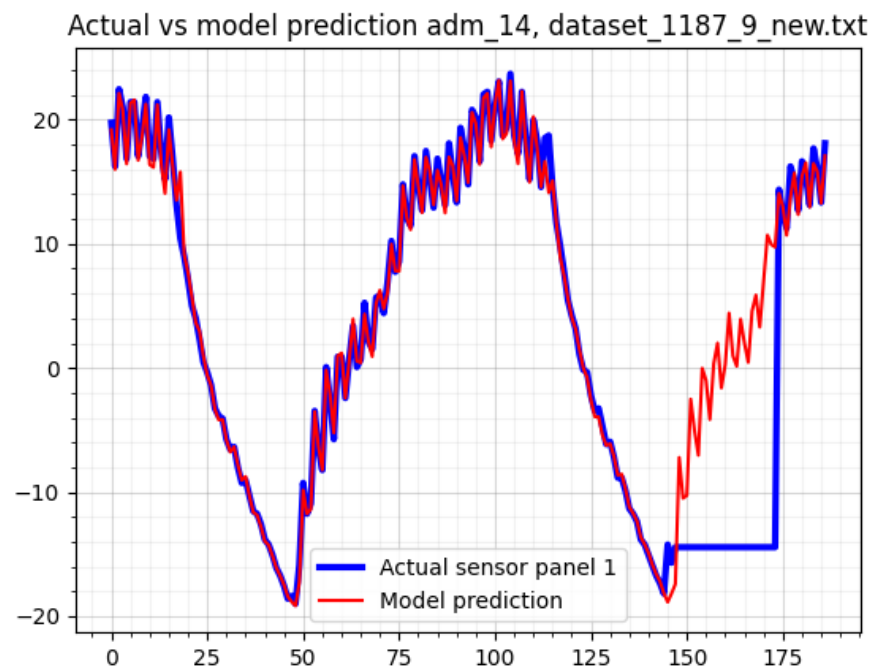
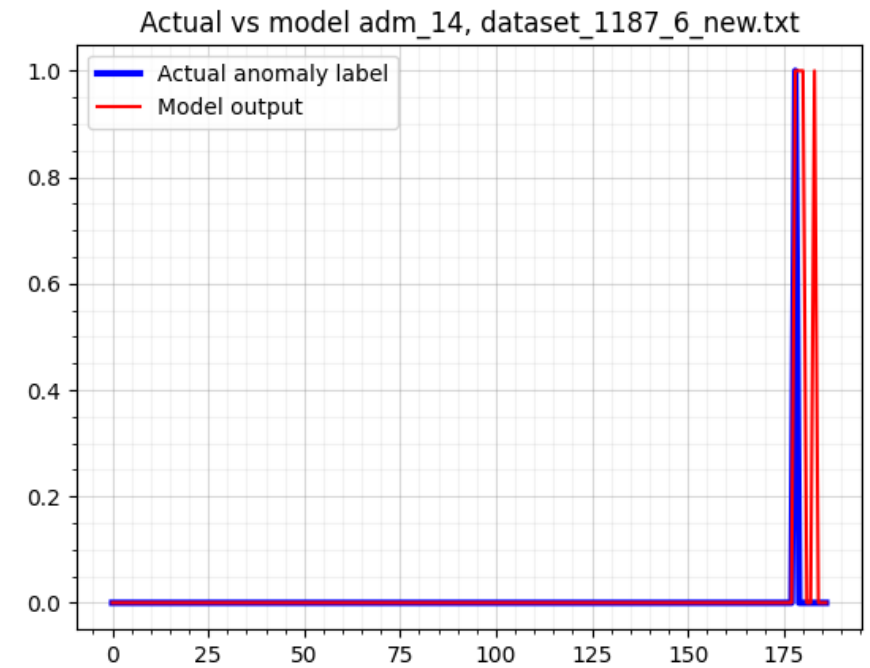
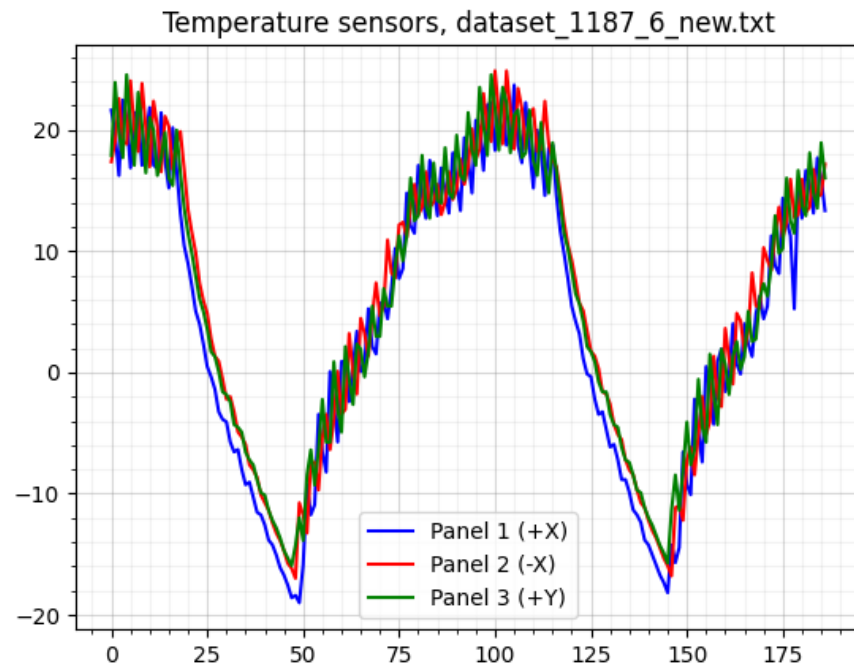


Figure 9: model inferences on dataset\_1187\_9\_new.txt\_sens.png



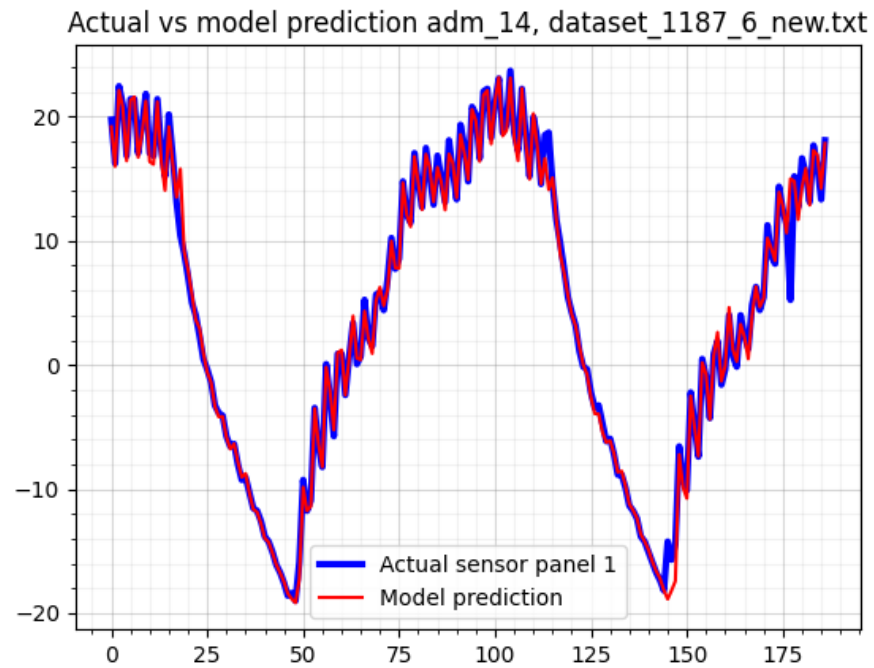
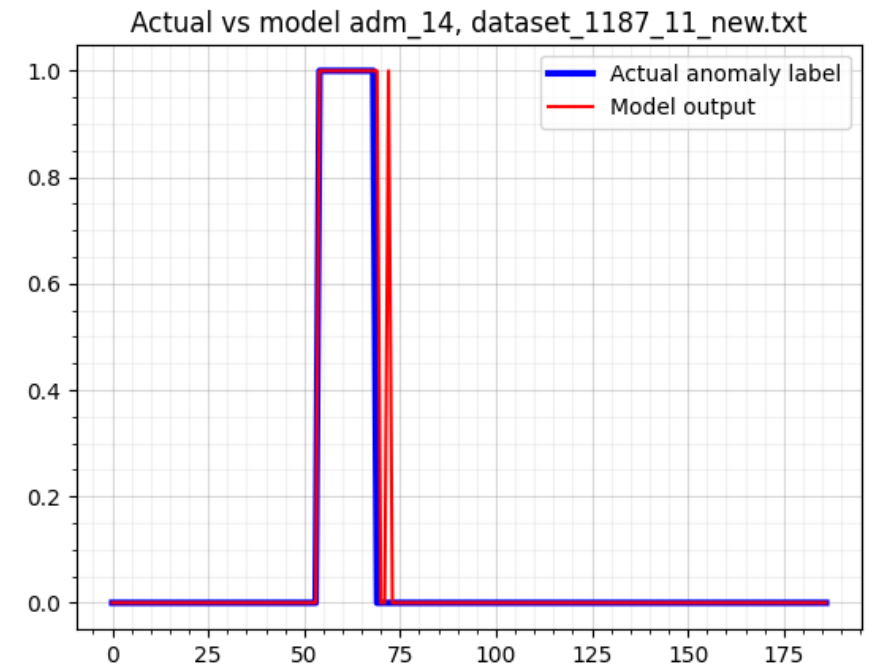
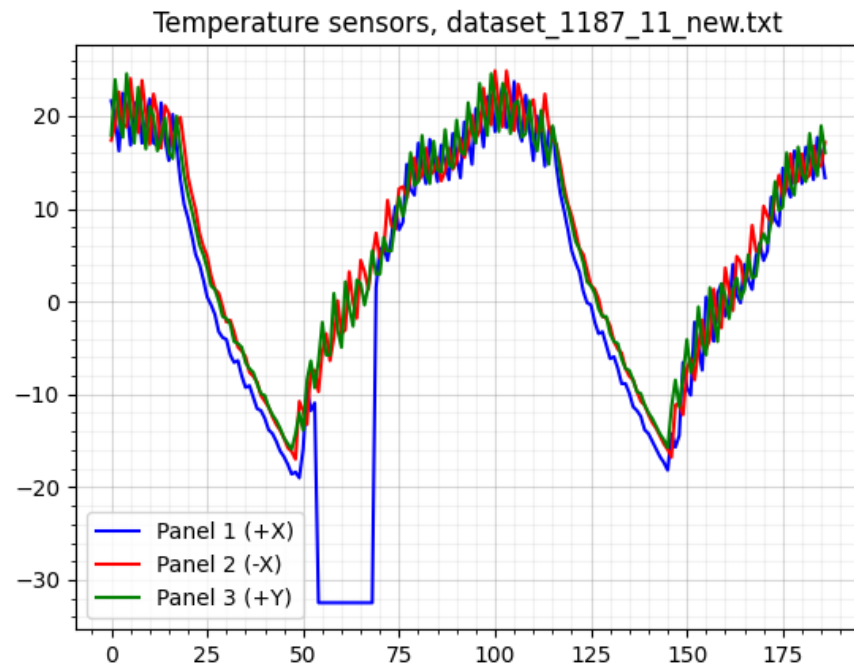


Figure 10: model inferences on dataset\_1187\_6\_new.txt\_sens.png



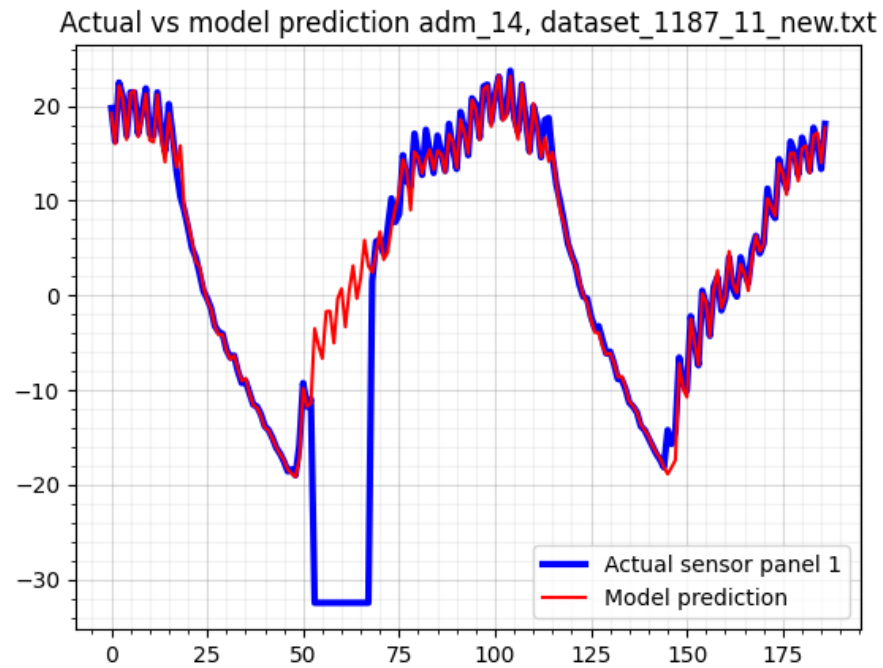
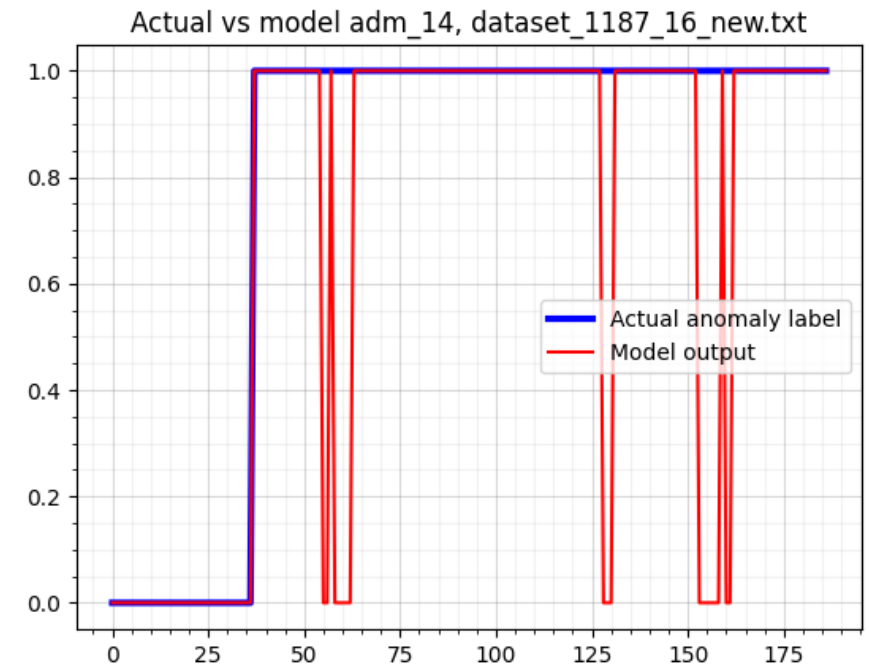
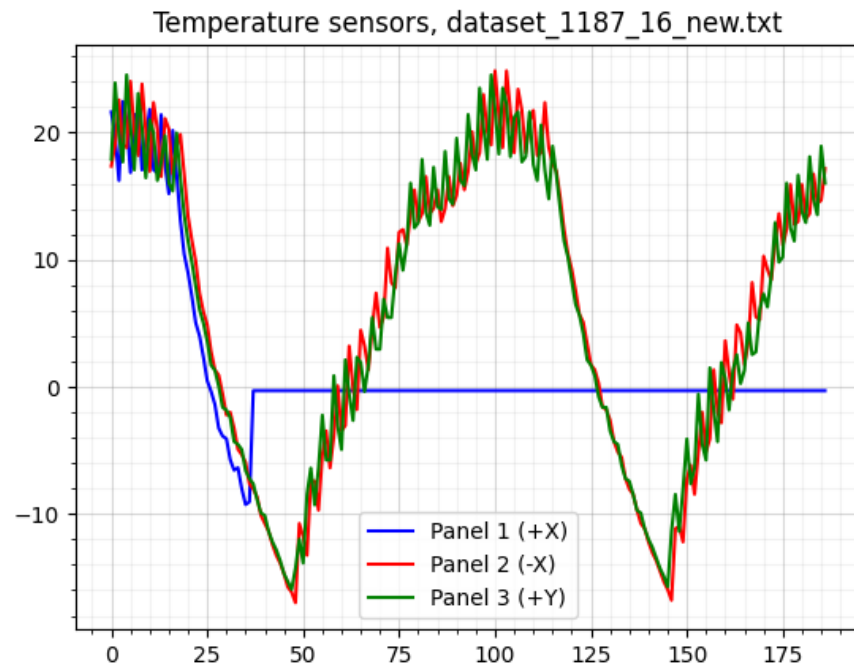


Figure 11: model inferences on dataset\_1187\_11\_new.txt\_sens.png





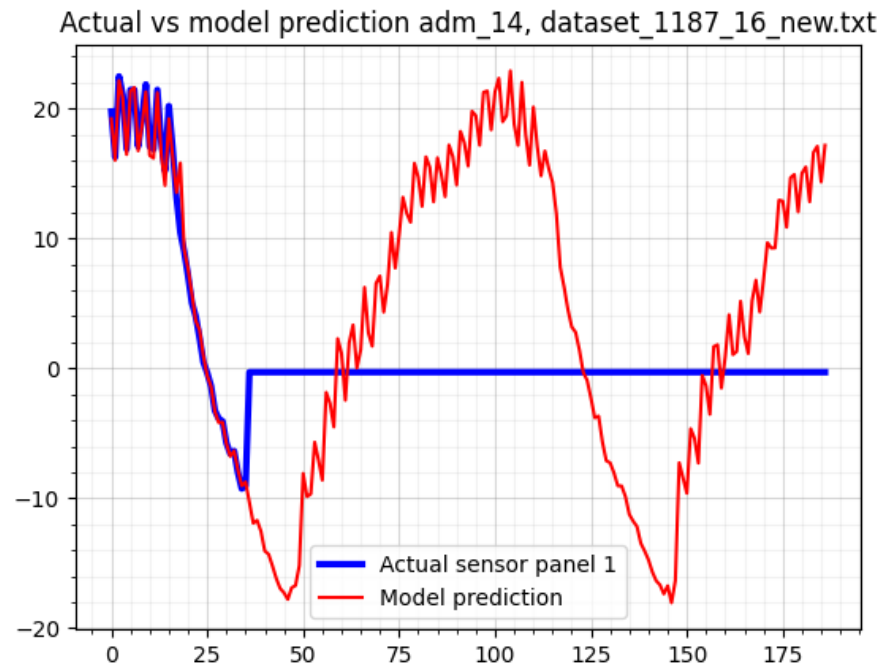
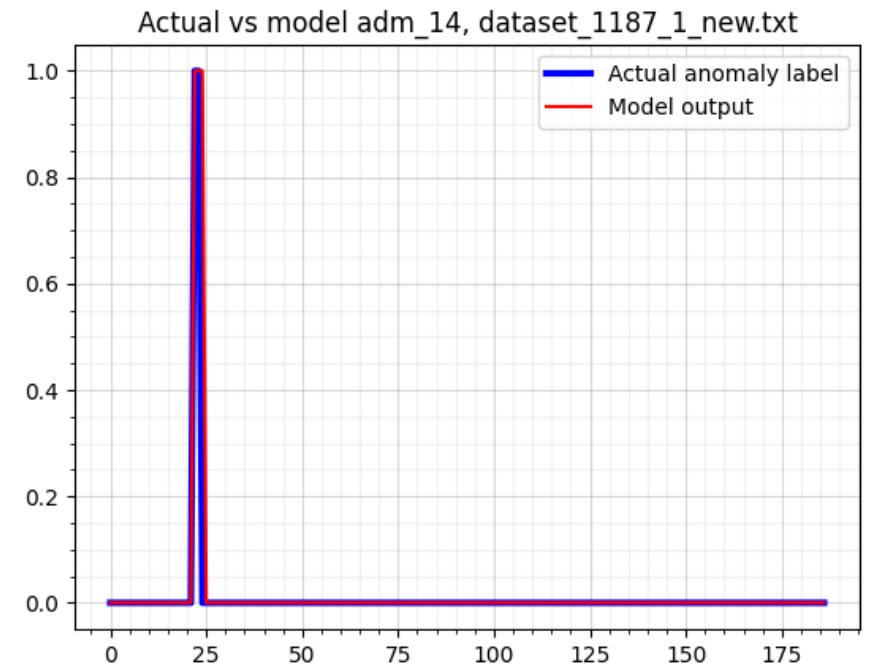
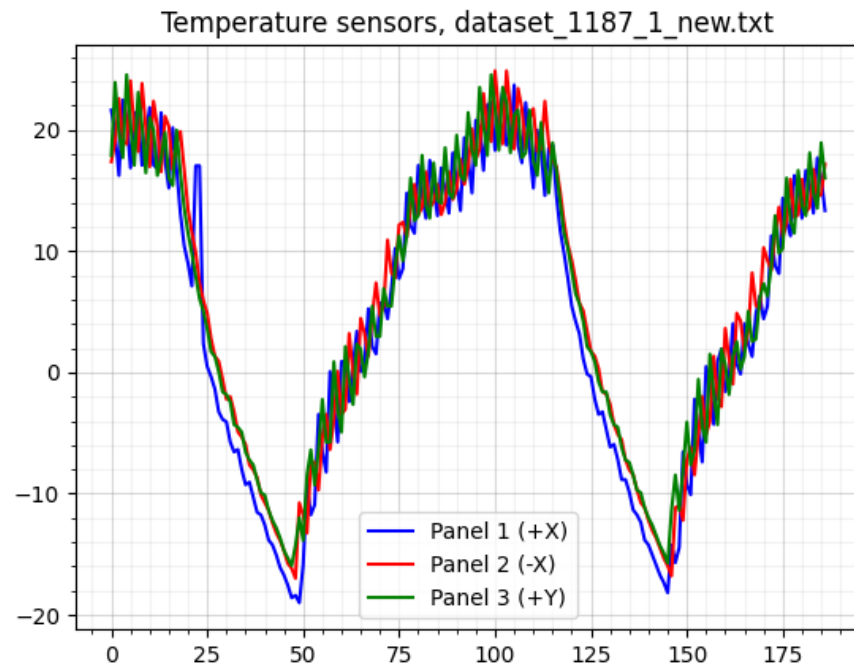


Figure 12: model inferences on dataset\_1187\_16\_new.txt\_sens.png



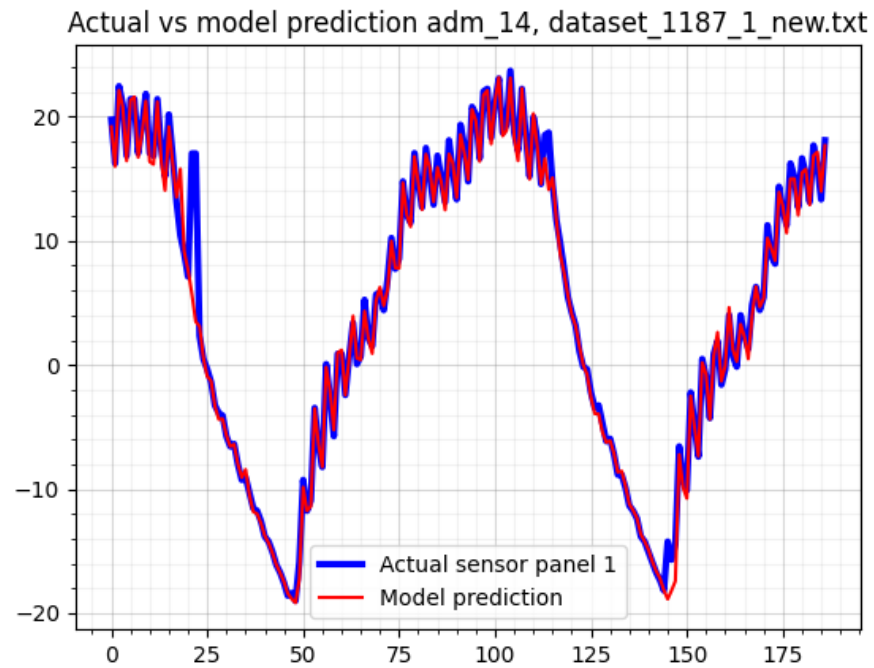
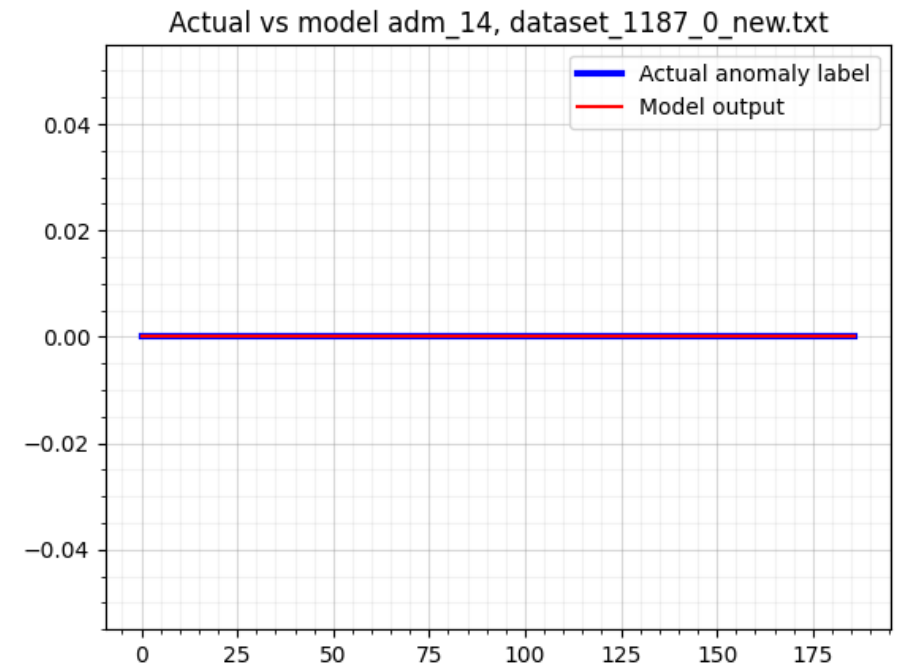
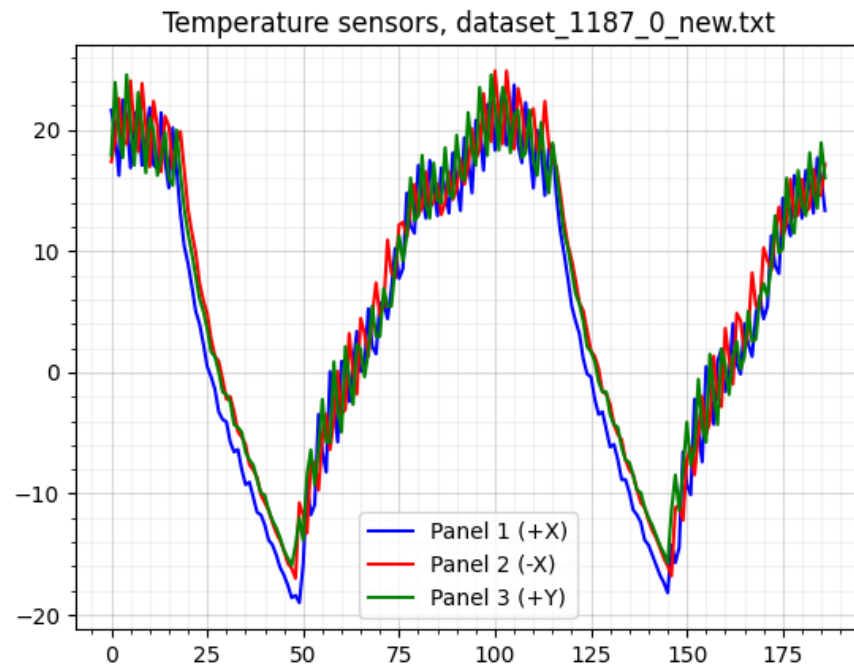


Figure 13: model inferences on dataset\_1187\_1\_new.txt\_sens.png



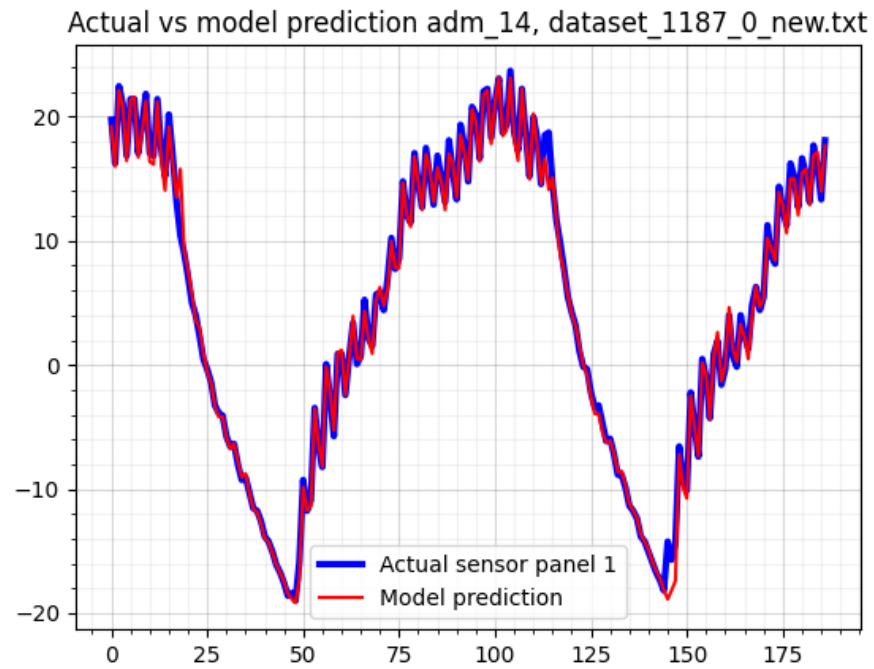
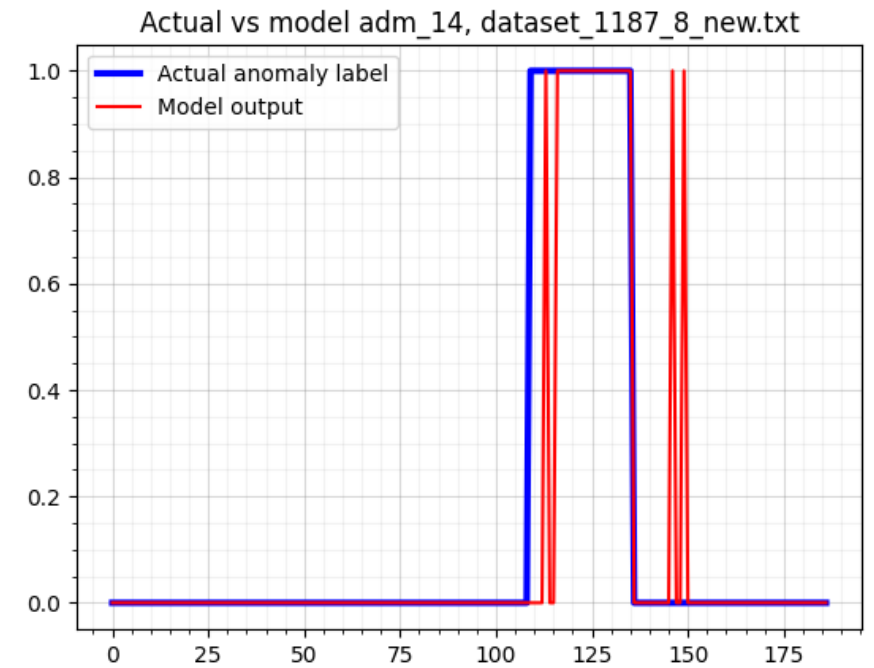
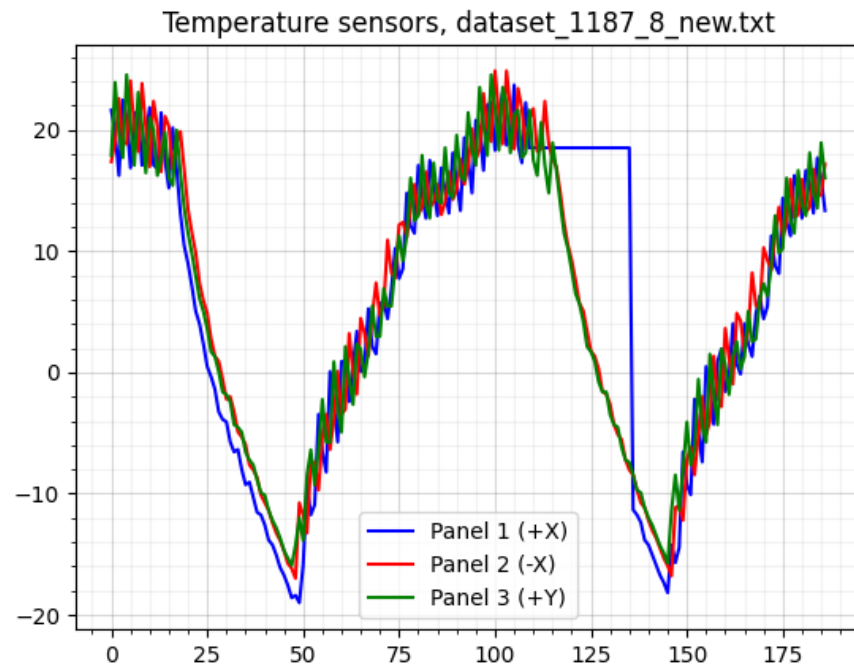


Figure 14: model inferences on dataset\_1187\_0\_new.txt\_sens.png



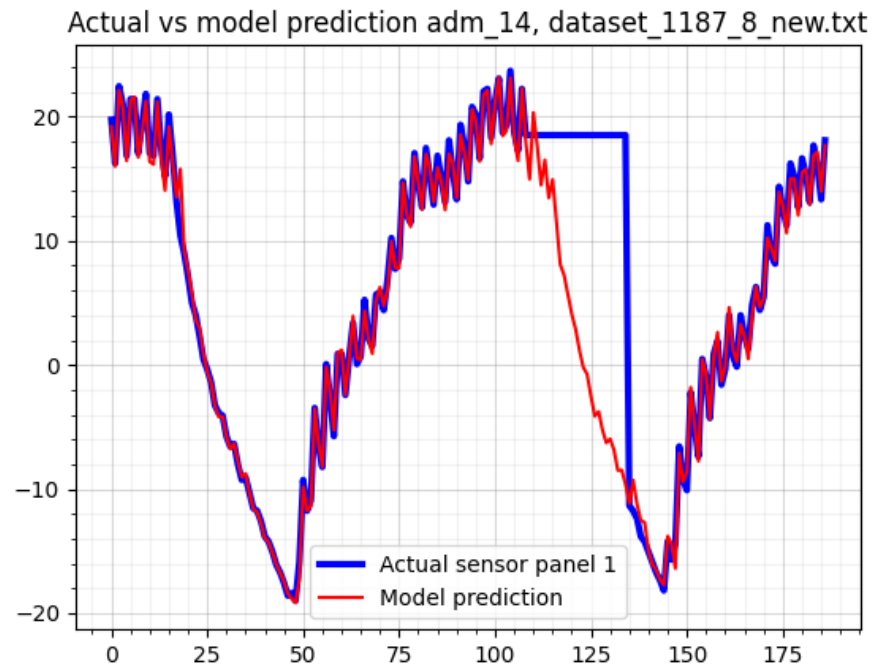
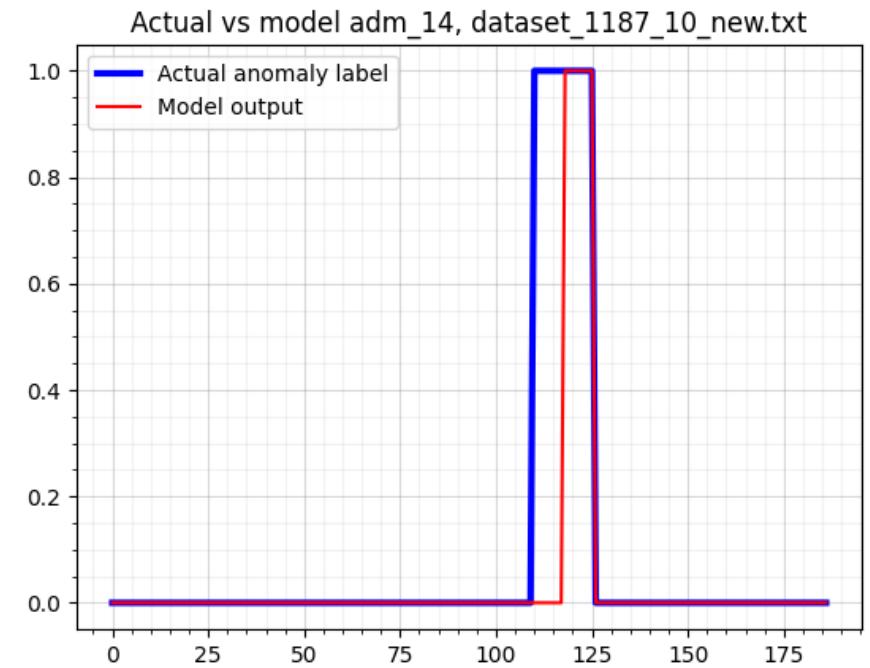
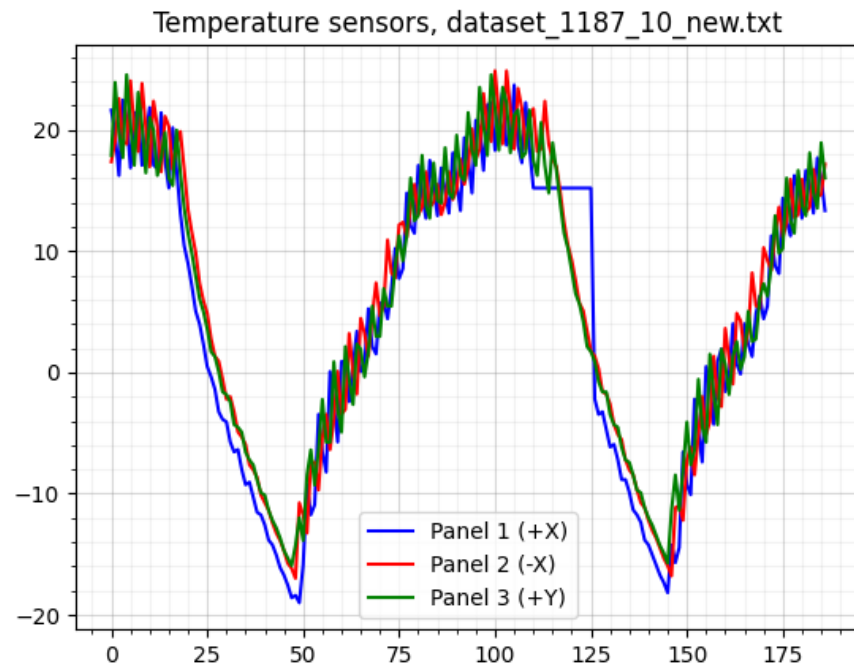


Figure 15: model inferences on dataset\_1187\_8\_new.txt\_sens.png





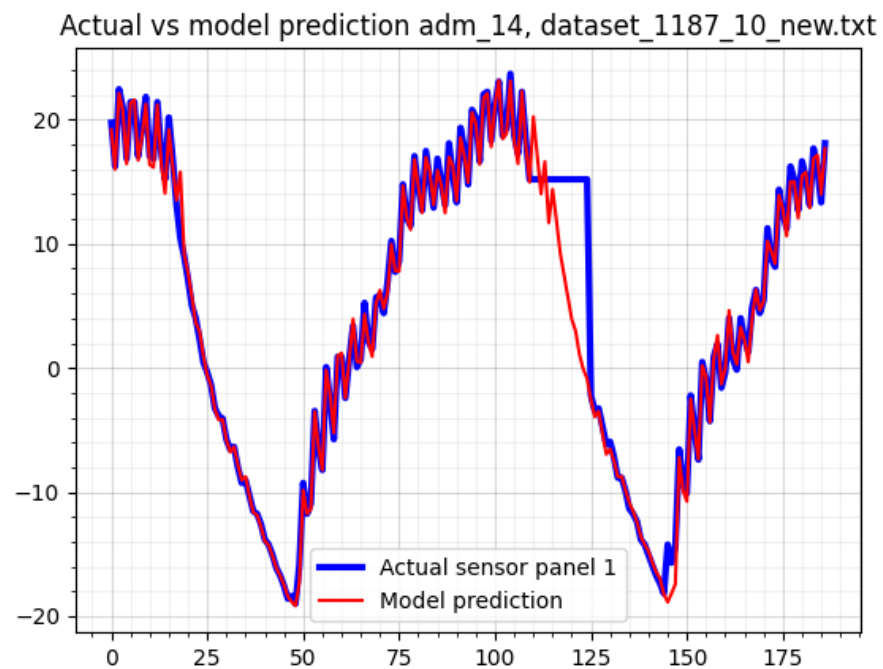
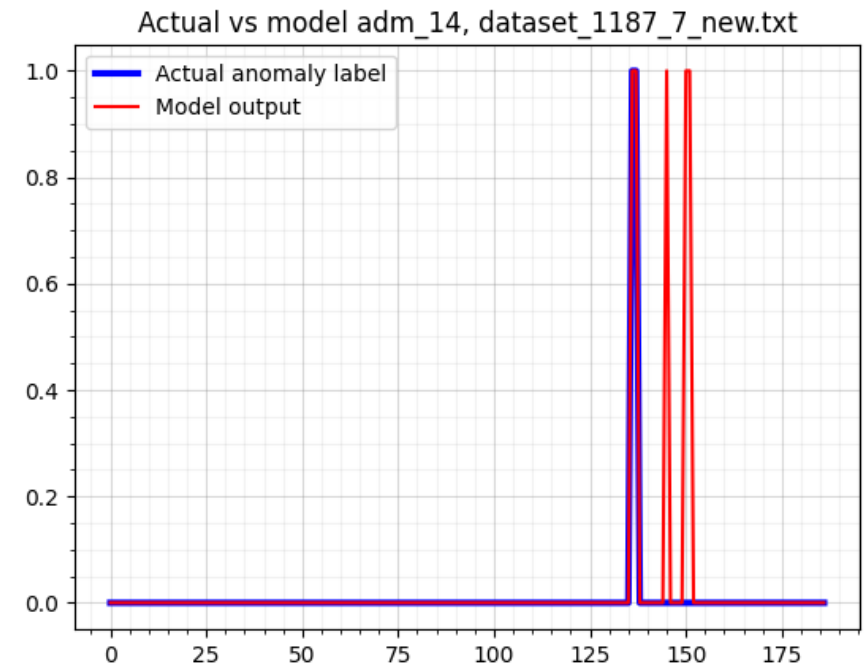
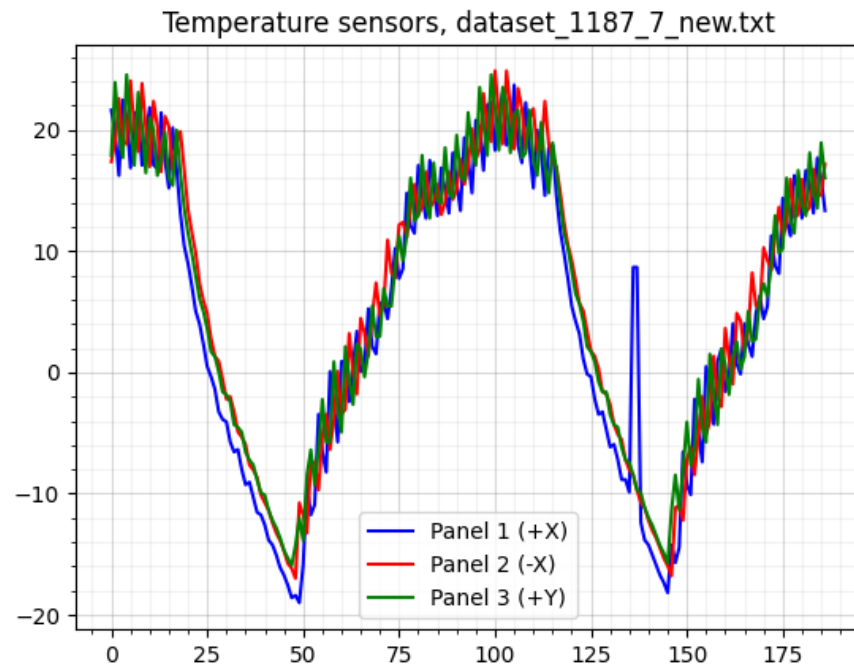


Figure 16: model inferences on dataset\_1187\_10\_new.txt\_sens.png



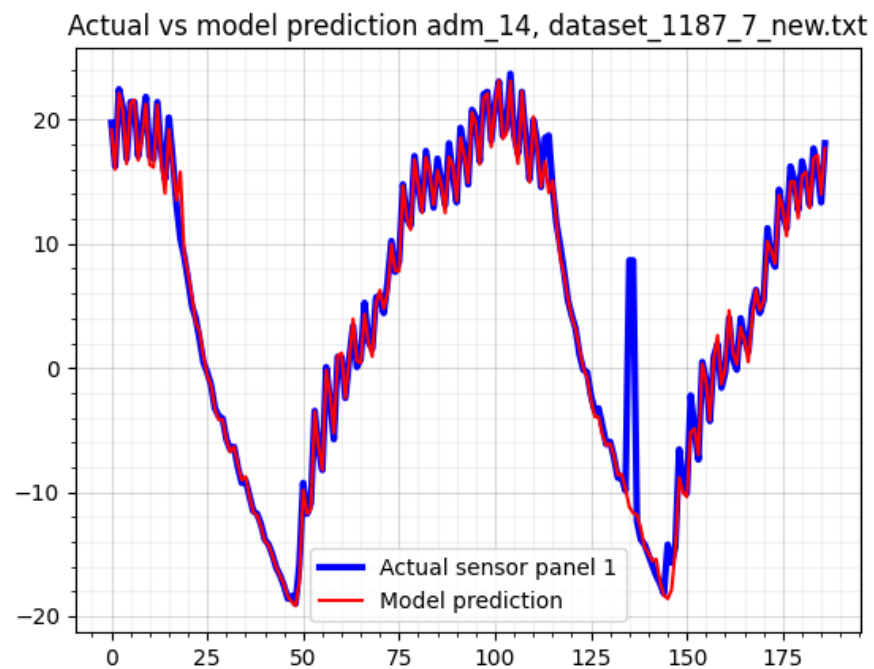


Figure 17: model inferences on dataset\_1187\_7\_new.txt\_sens.png