

TF test report 1.7

Test time: 12.05.2023

Model name: adm_14.h (No threshold. Same as adm_13 but trained not to follow anomalies)

Model type: MLP

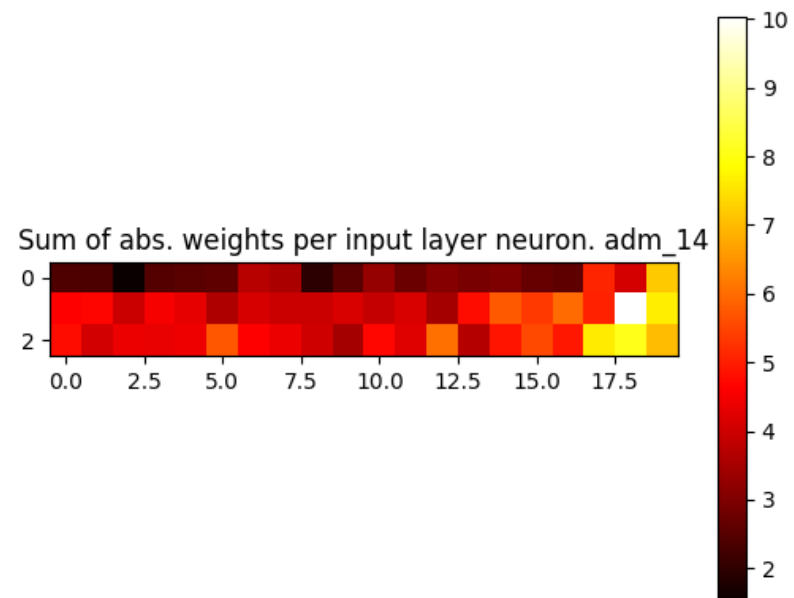
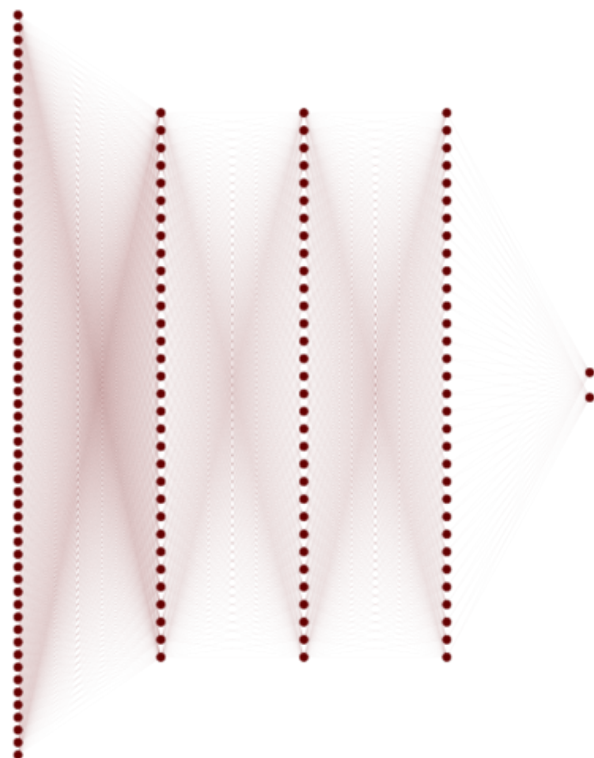
Model description: 60x32x32x32x2 MLP to detect based on the previous 20 points from 3 panels, and predict the next point on panel 1. Tested on previously unseen data.

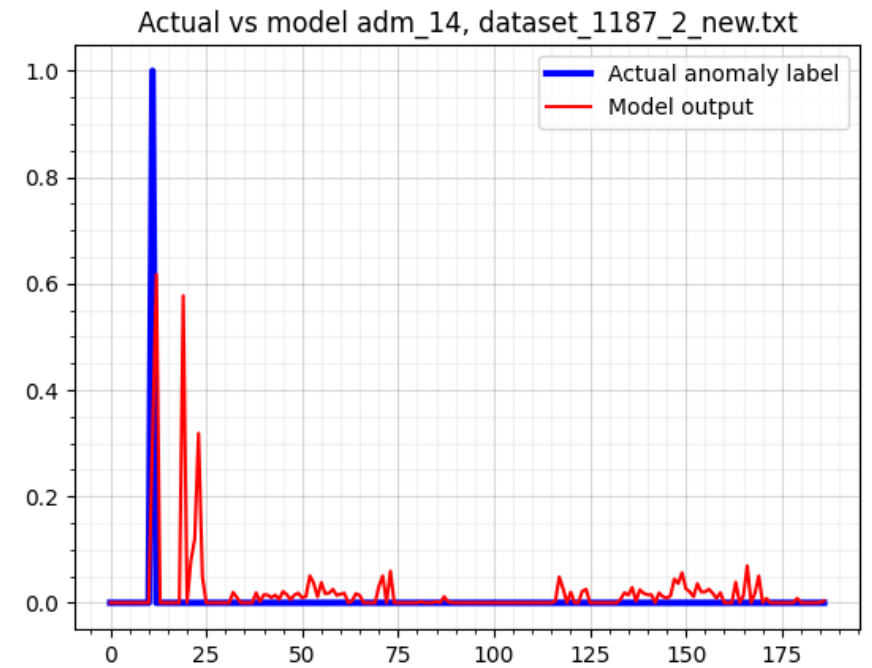
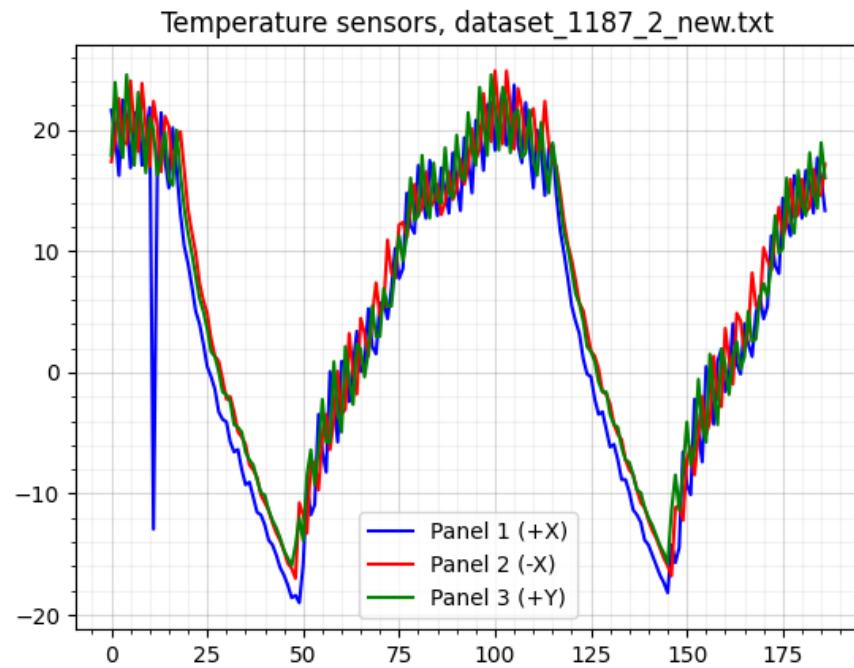
Model data size: NA

Test results:

Accuracy on NO anomalies (0): 0.9875

Accuracy on ANOMALIES (1): 0.6905





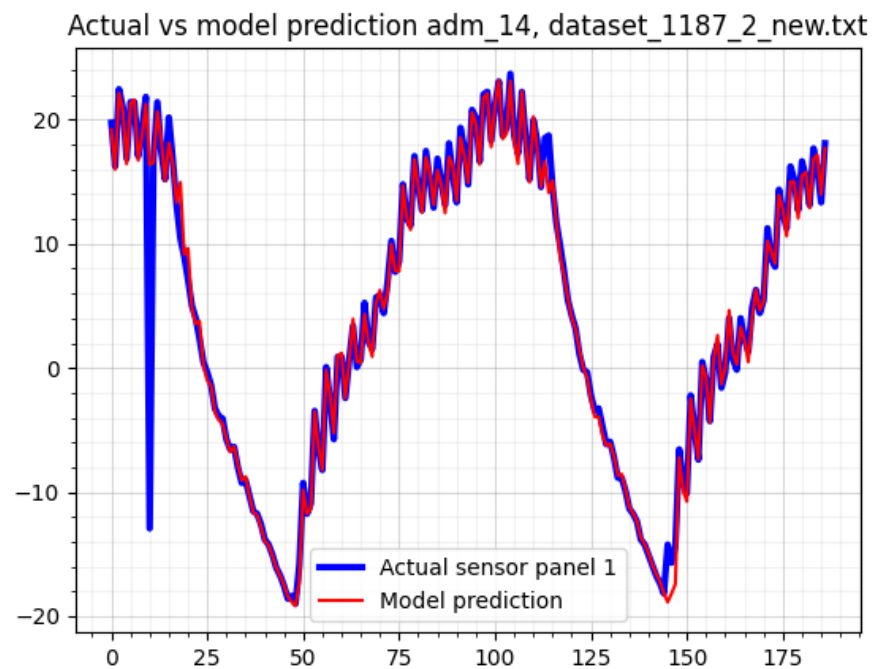
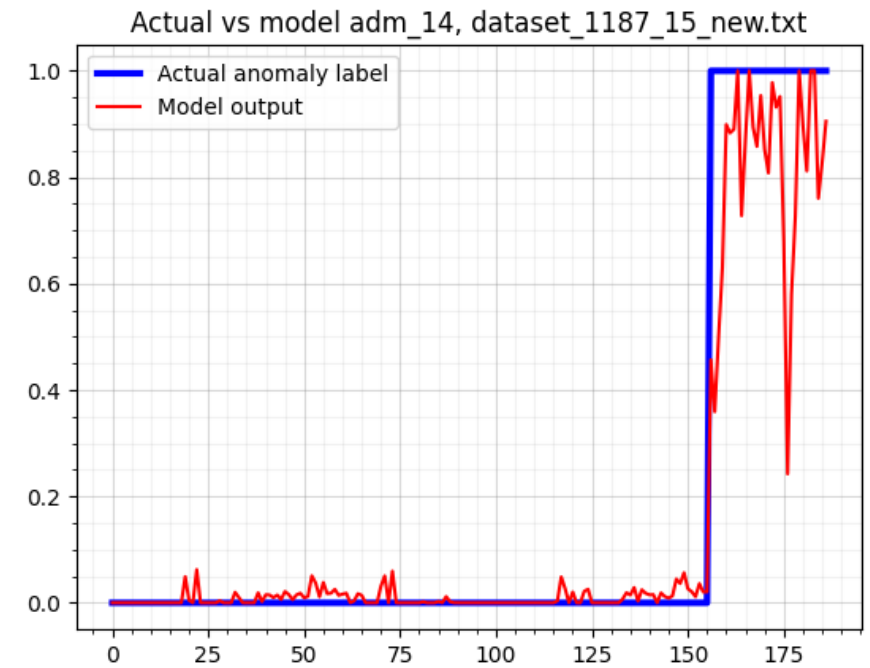
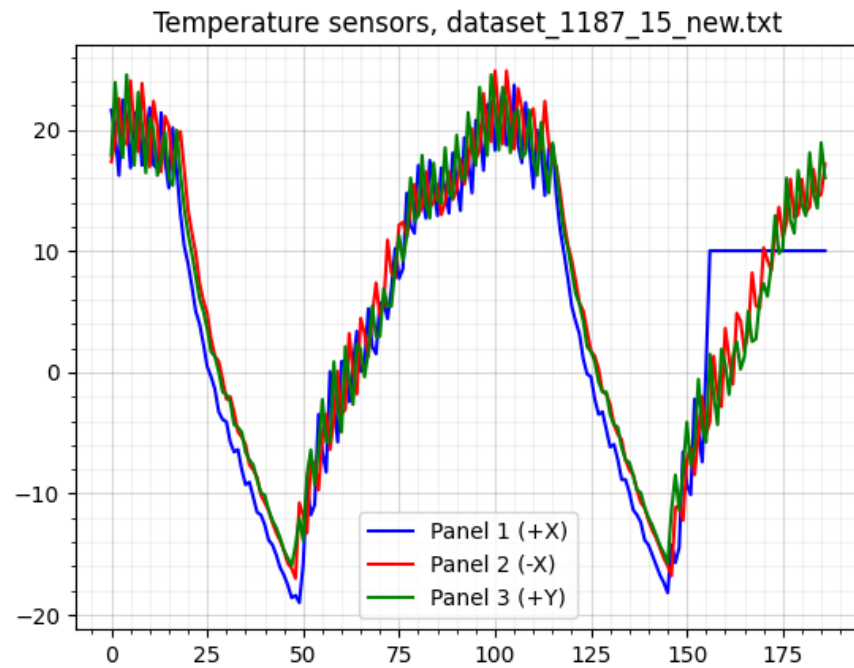


Figure 1: model inferences on dataset_1187_2_new.txt_sens.png



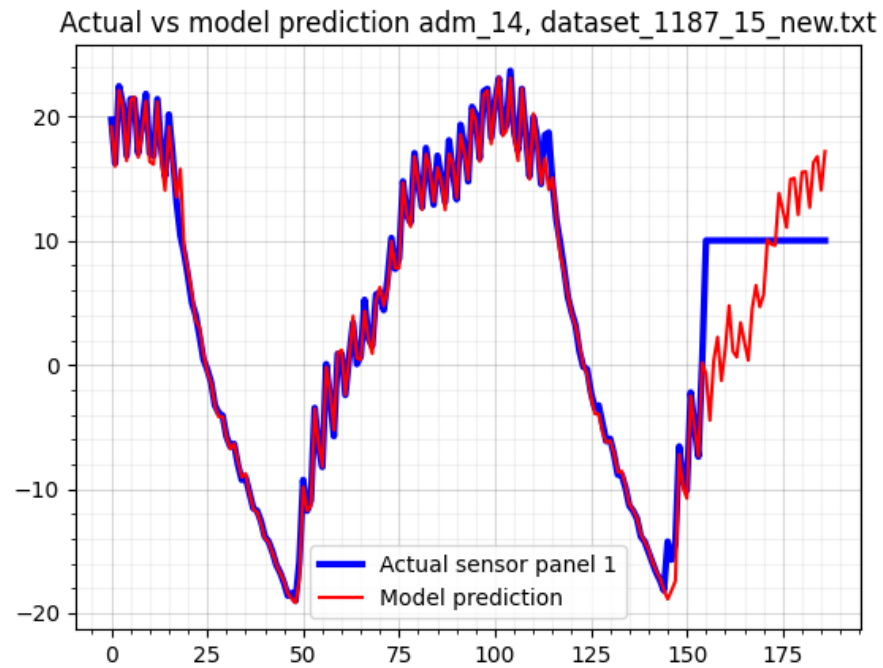
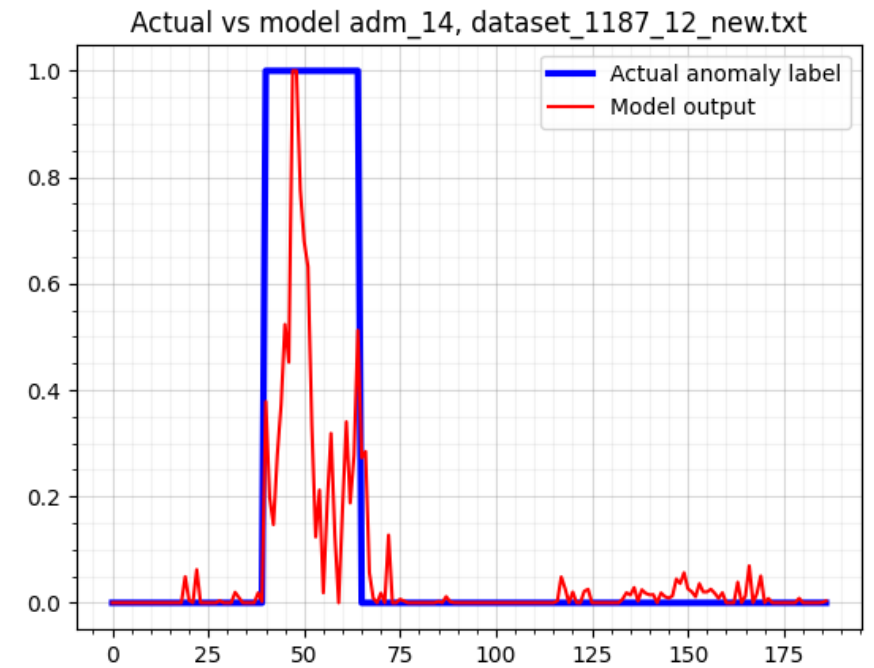
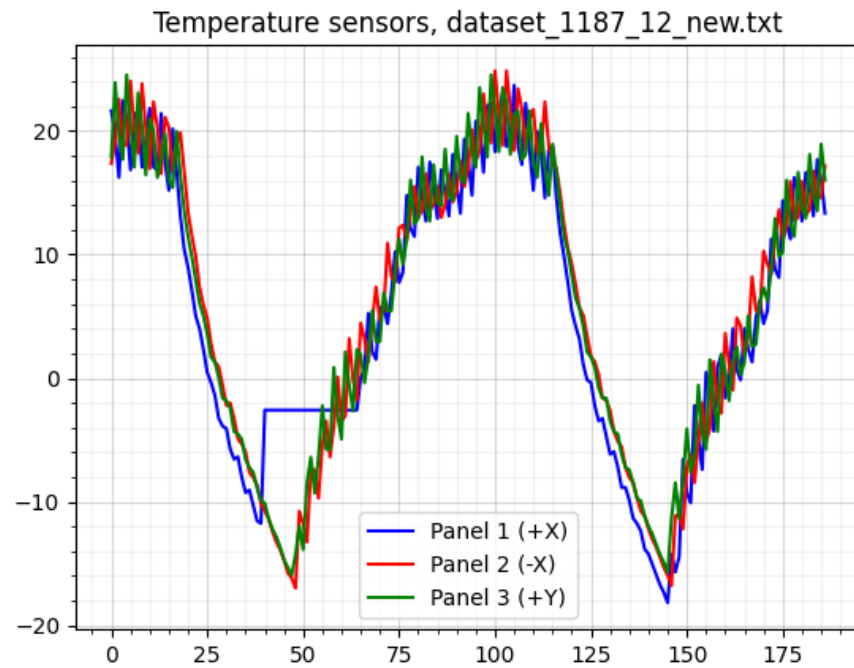


Figure 2: model inferences on dataset_1187_15_new.txt_sens.png



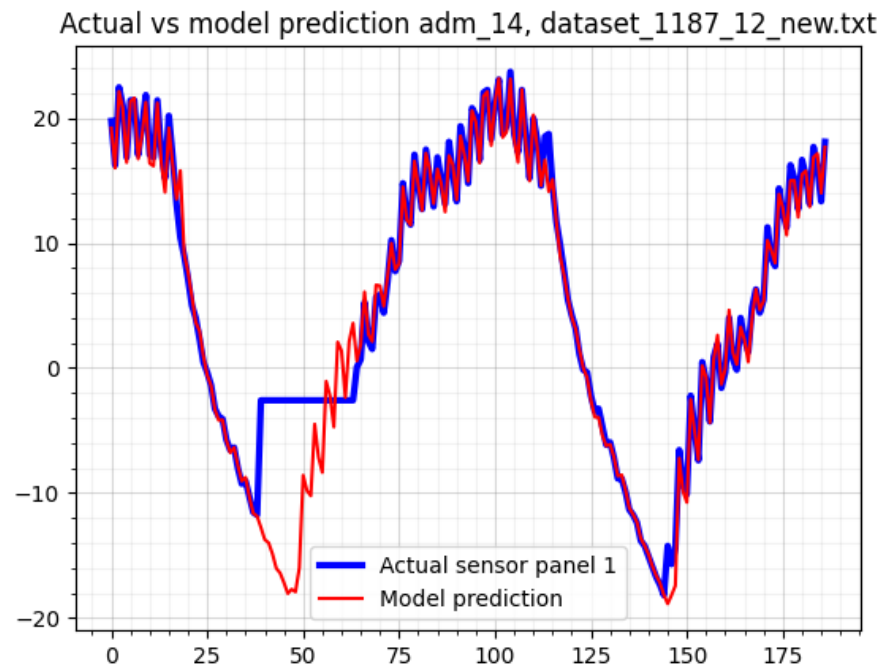
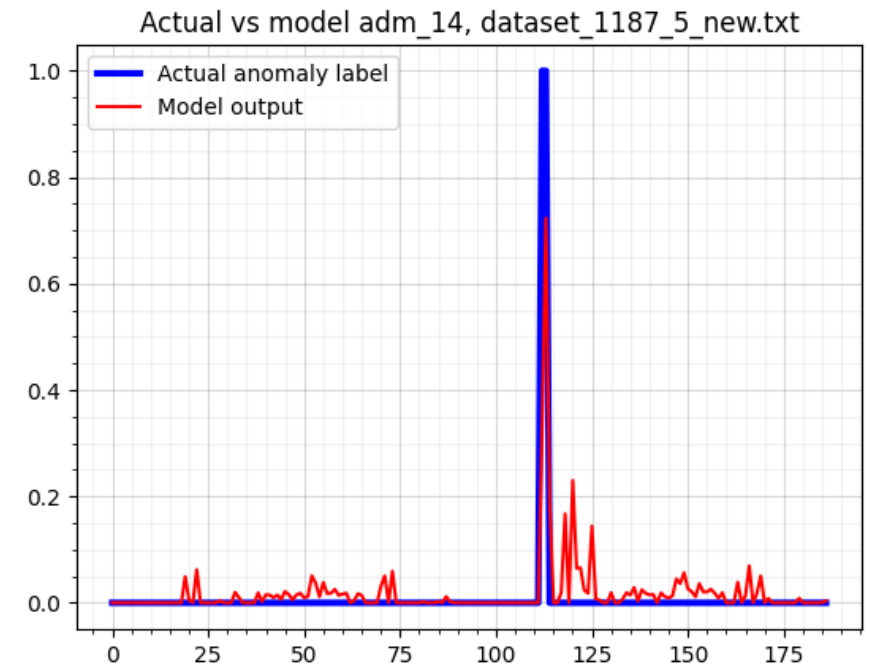
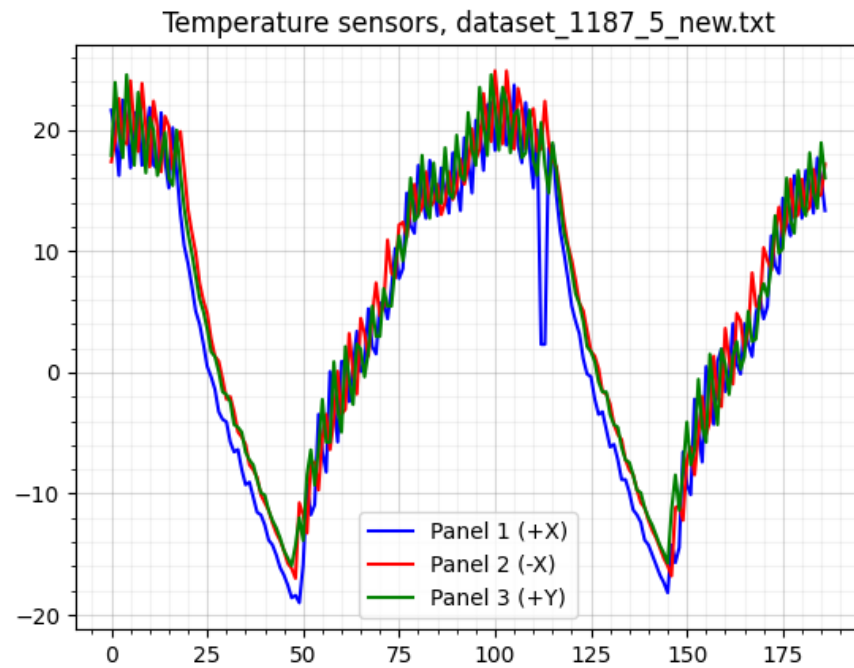


Figure 3: model inferences on dataset_1187_12_new.txt_sens.png



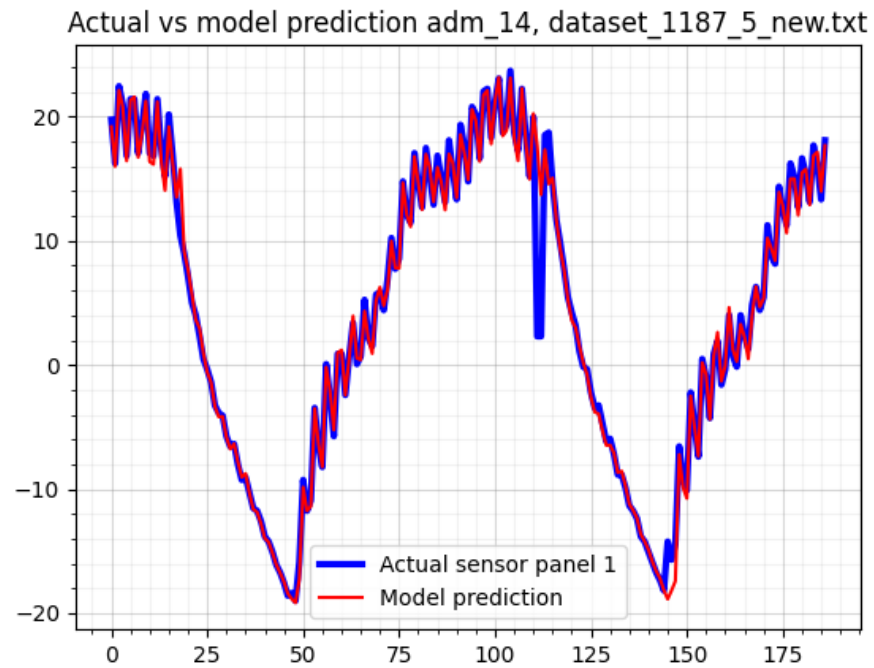
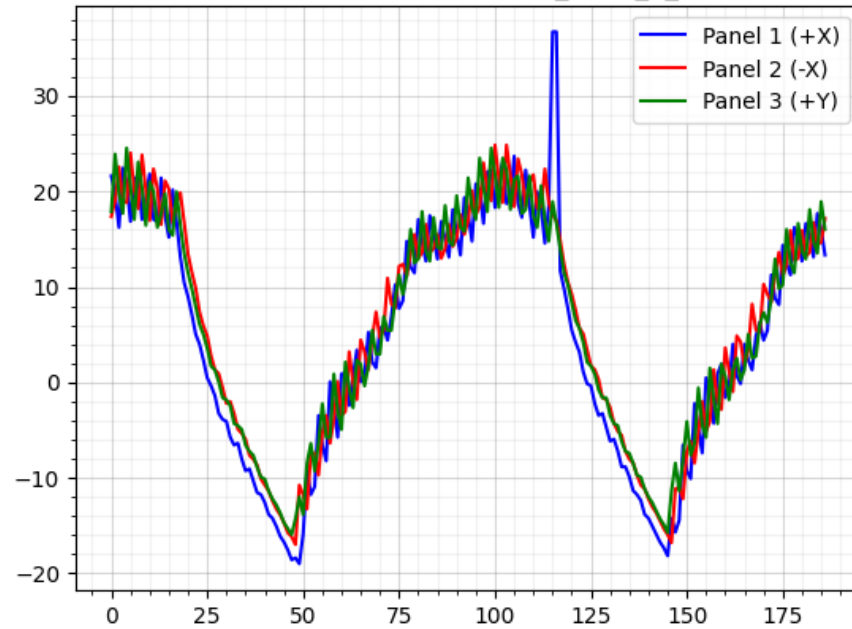
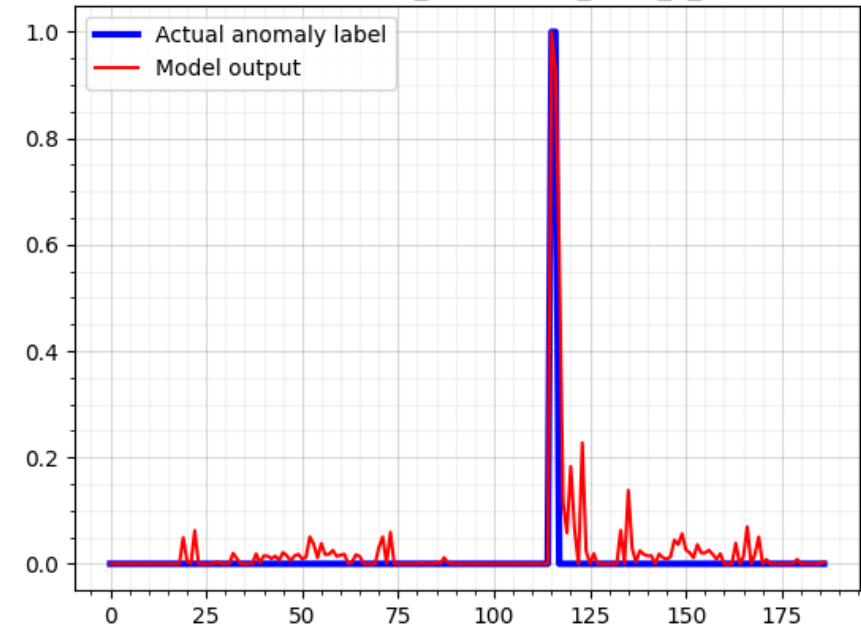


Figure 4: model inferences on dataset_1187_5_new.txt_sens.png

Temperature sensors, dataset_1187_4_new.txt



Actual vs model adm_14, dataset_1187_4_new.txt



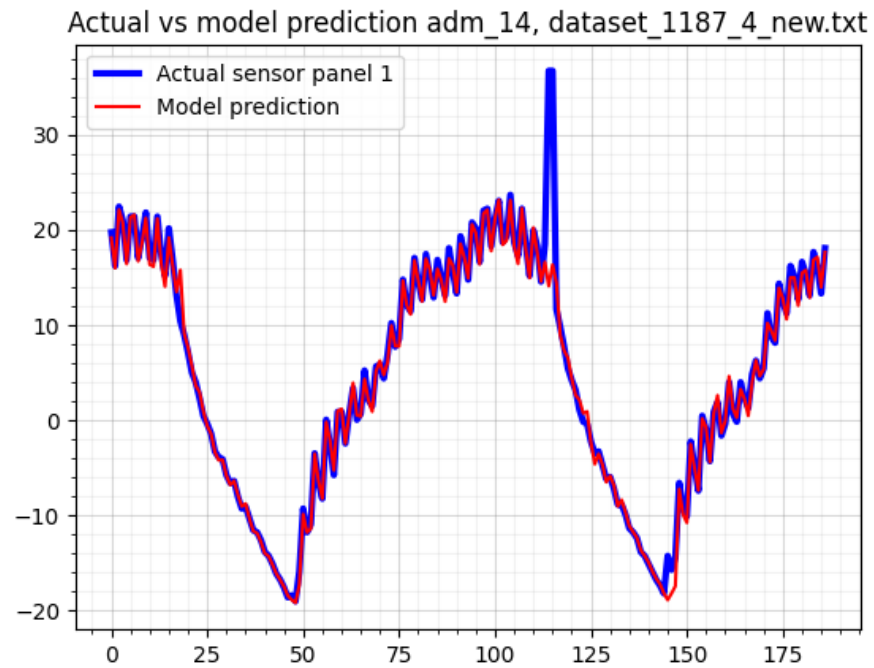
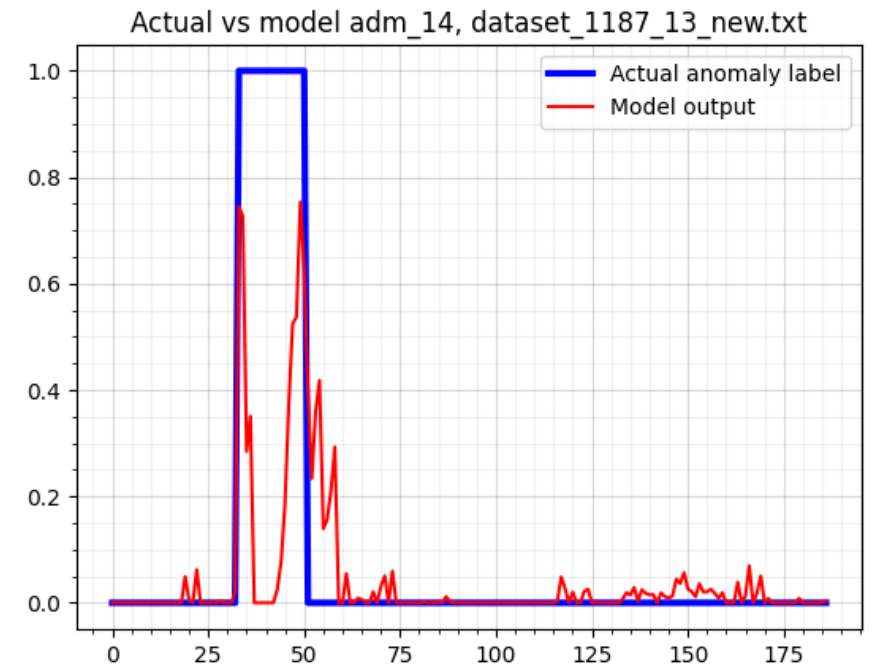
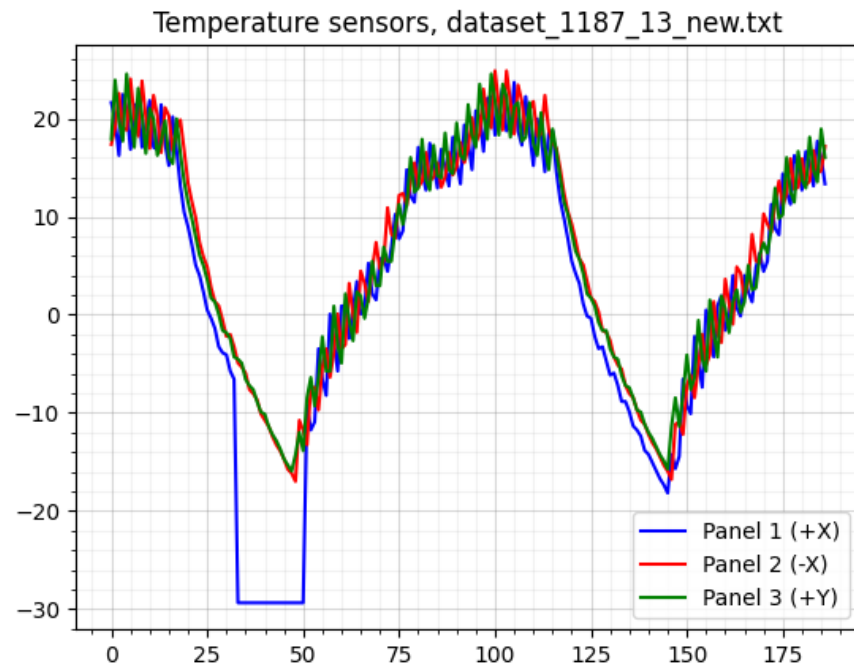


Figure 5: model inferences on dataset_1187_4_new.txt_sens.png



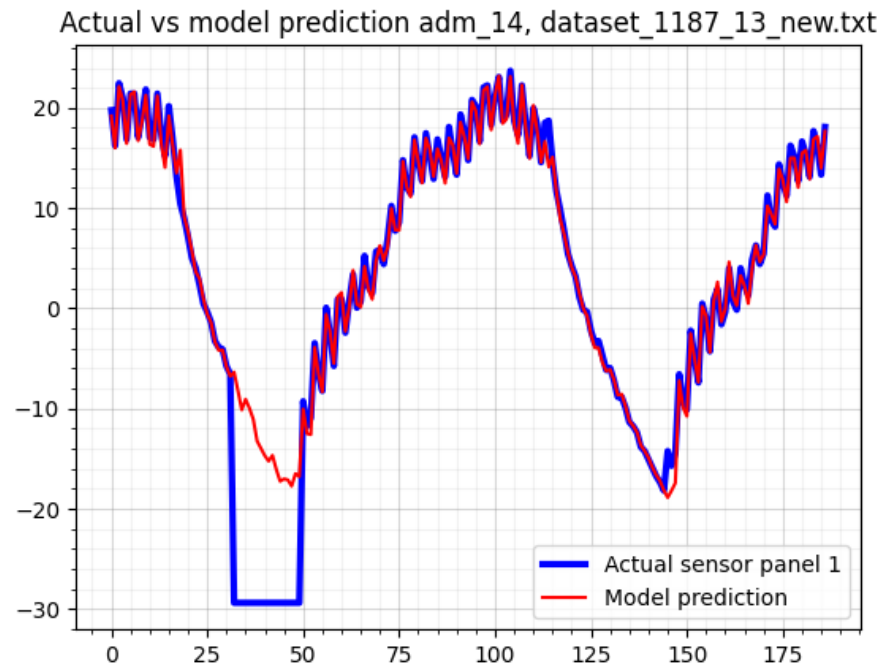
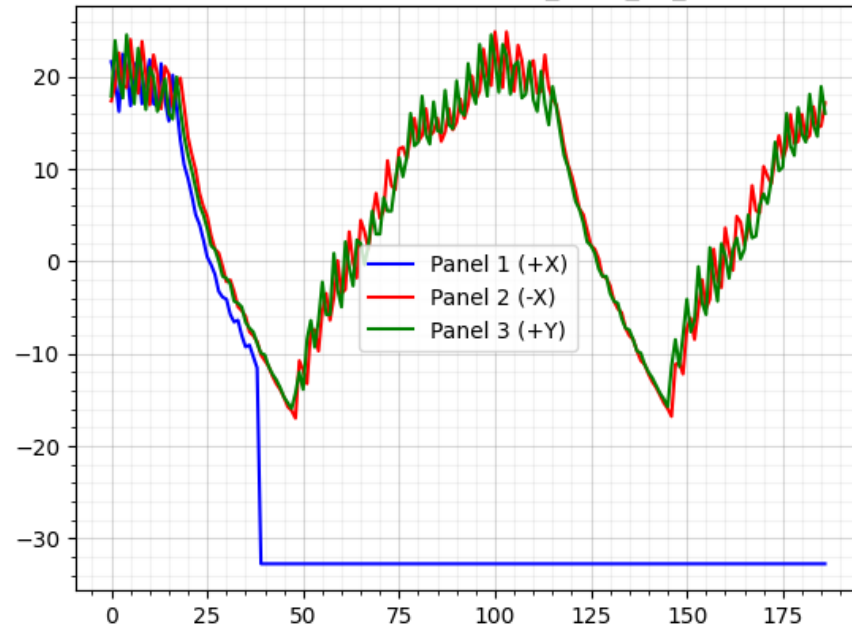
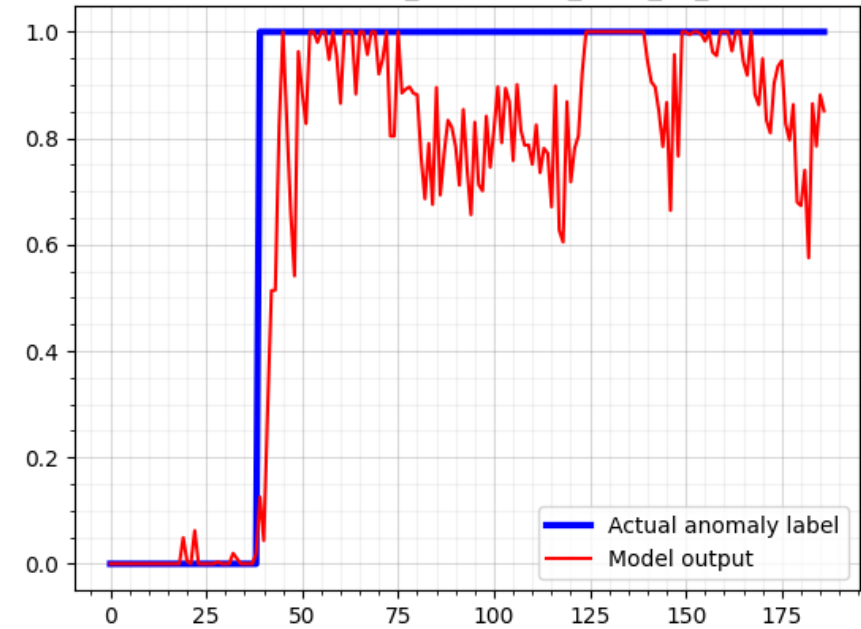


Figure 6: model inferences on dataset_1187_13_new.txt_sens.png

Temperature sensors, dataset_1187_14_new.txt



Actual vs model adm_14, dataset_1187_14_new.txt



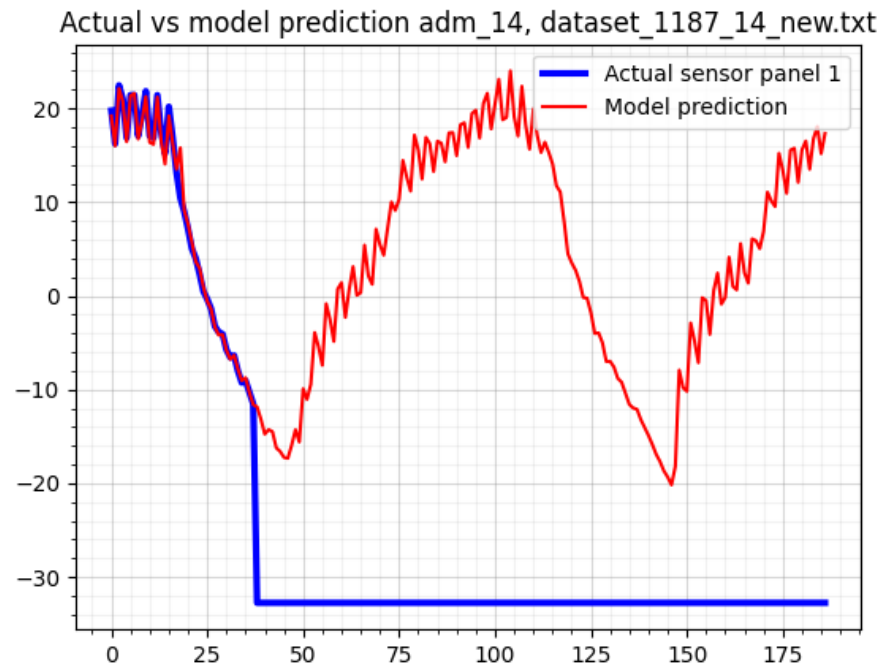
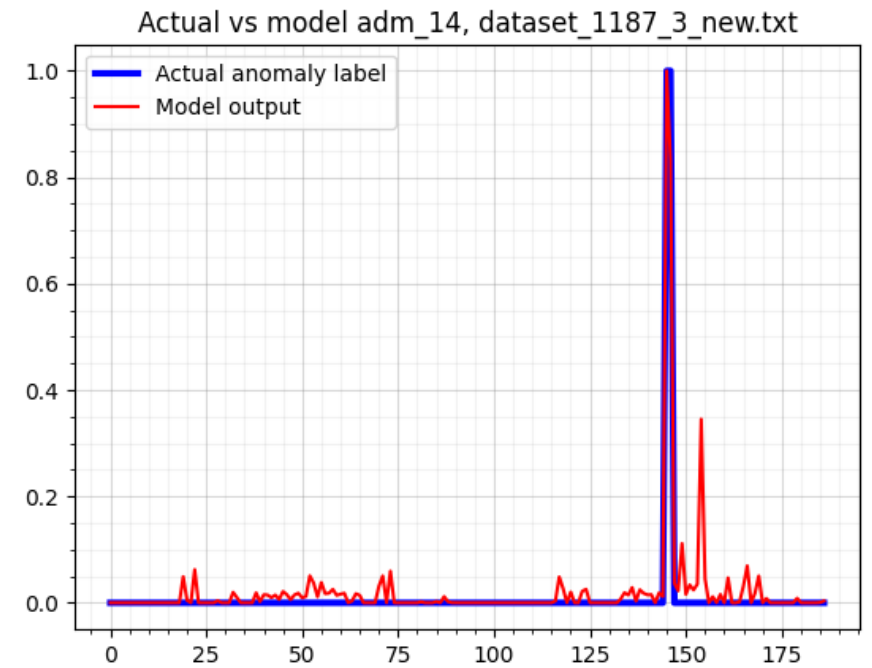
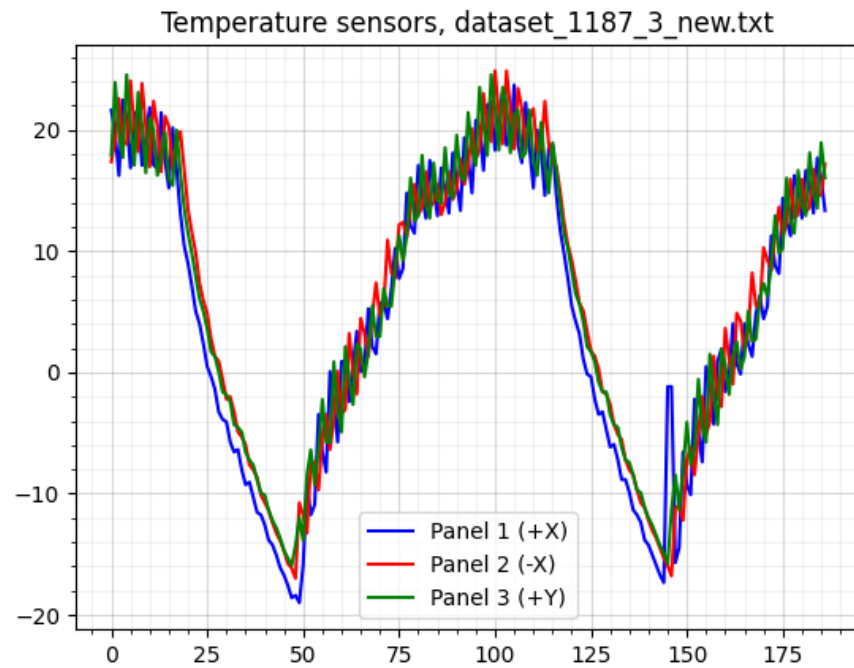


Figure 7: model inferences on dataset_1187_14_new.txt_sens.png



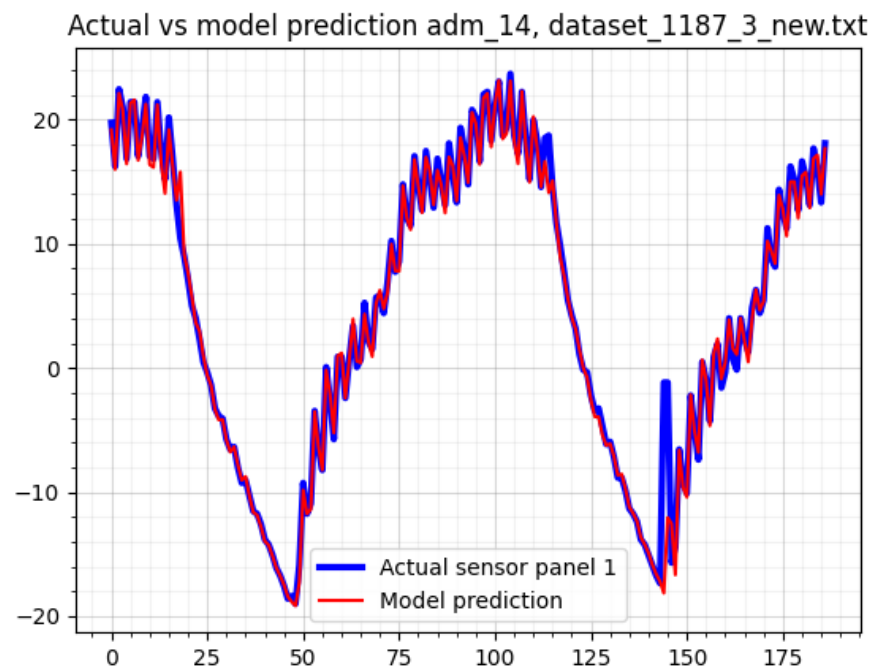
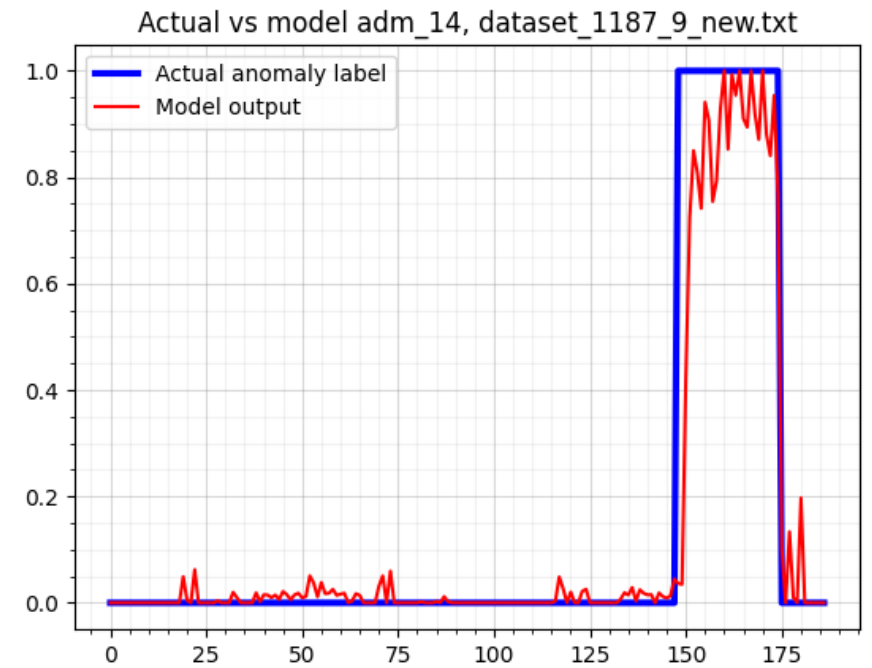
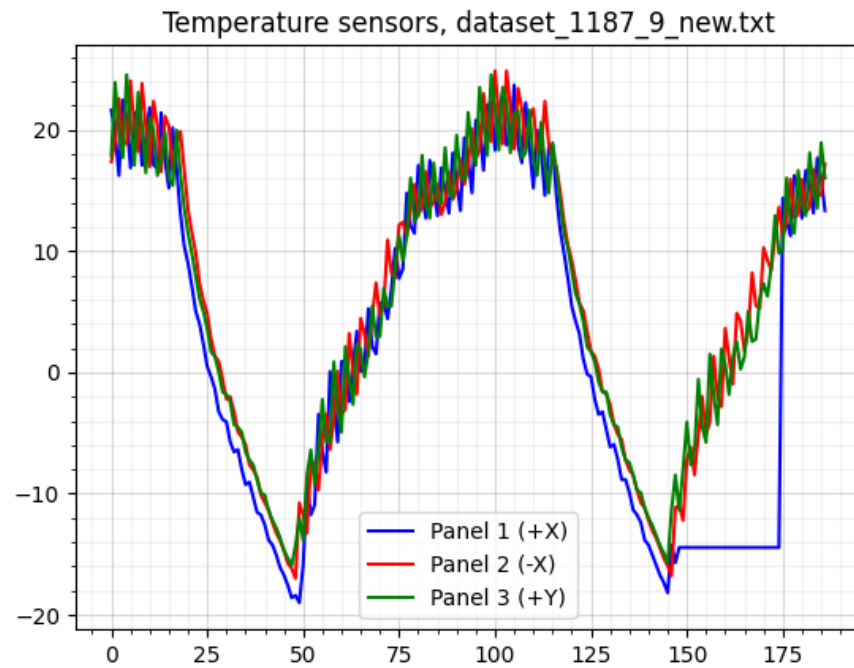


Figure 8: model inferences on dataset_1187_3_new.txt_sens.png



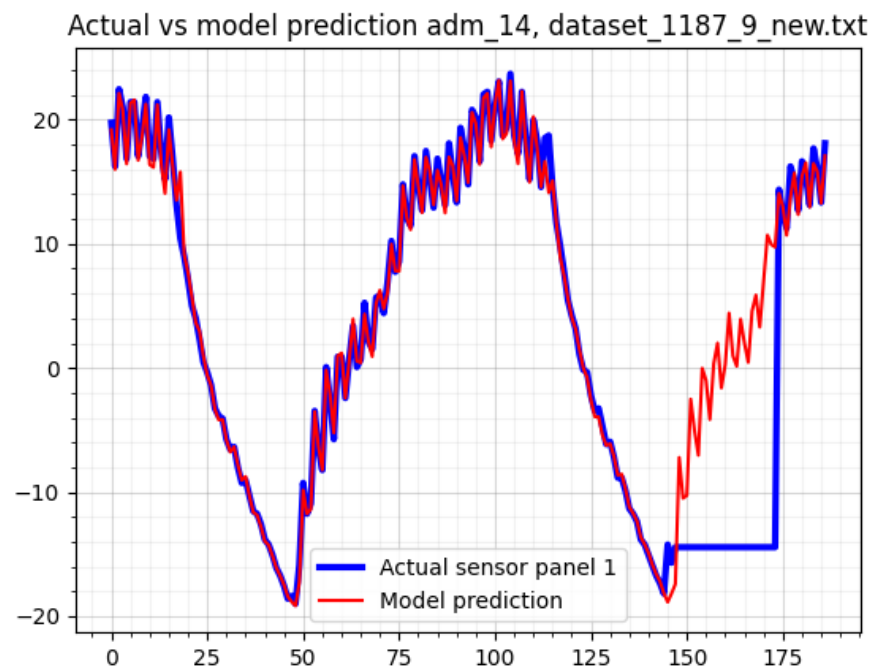
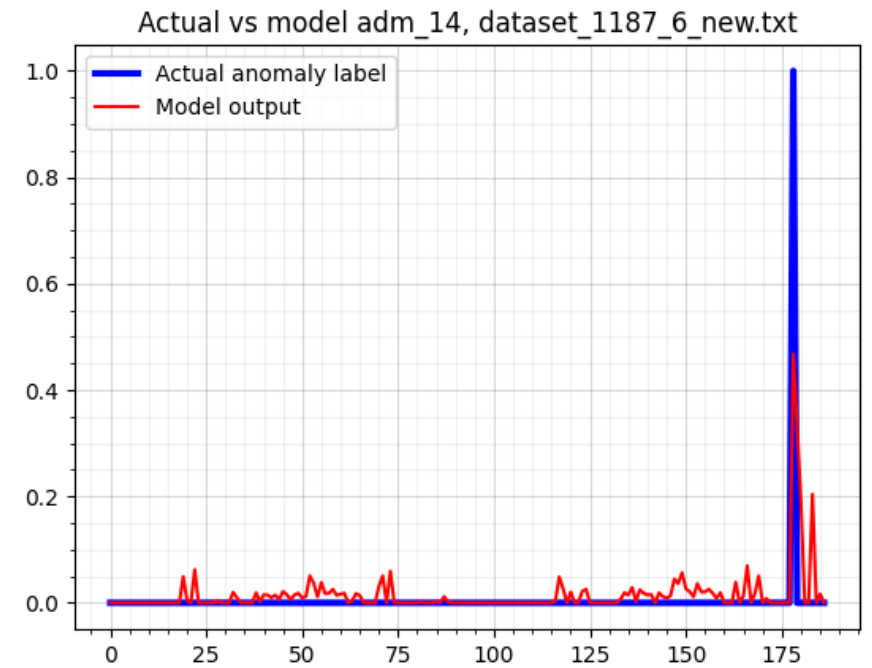
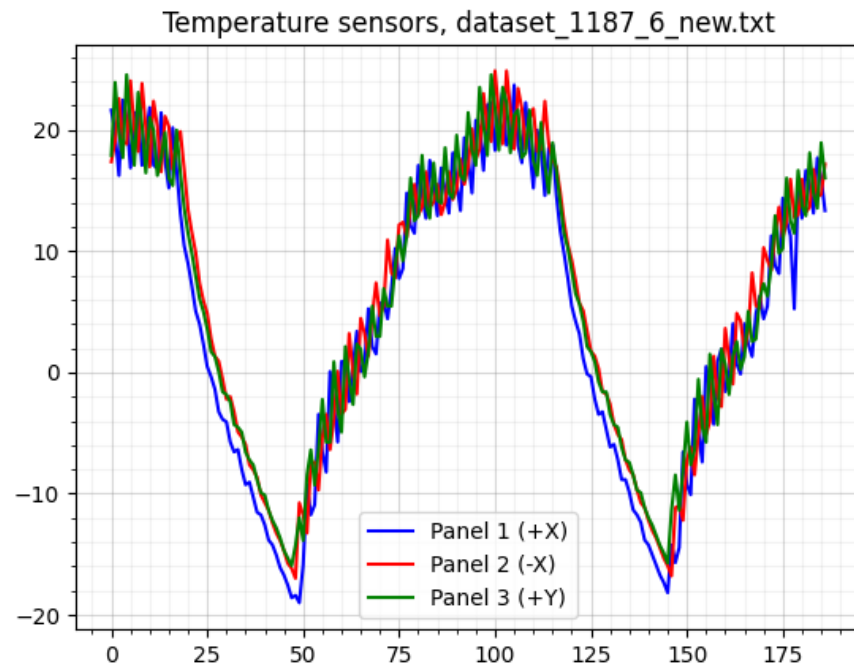


Figure 9: model inferences on dataset_1187_9_new.txt_sens.png



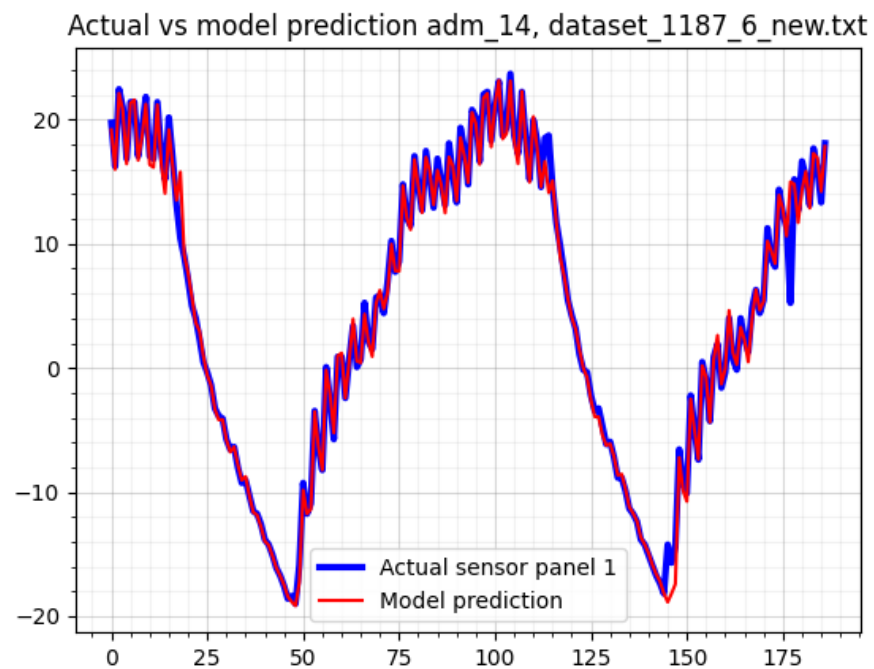
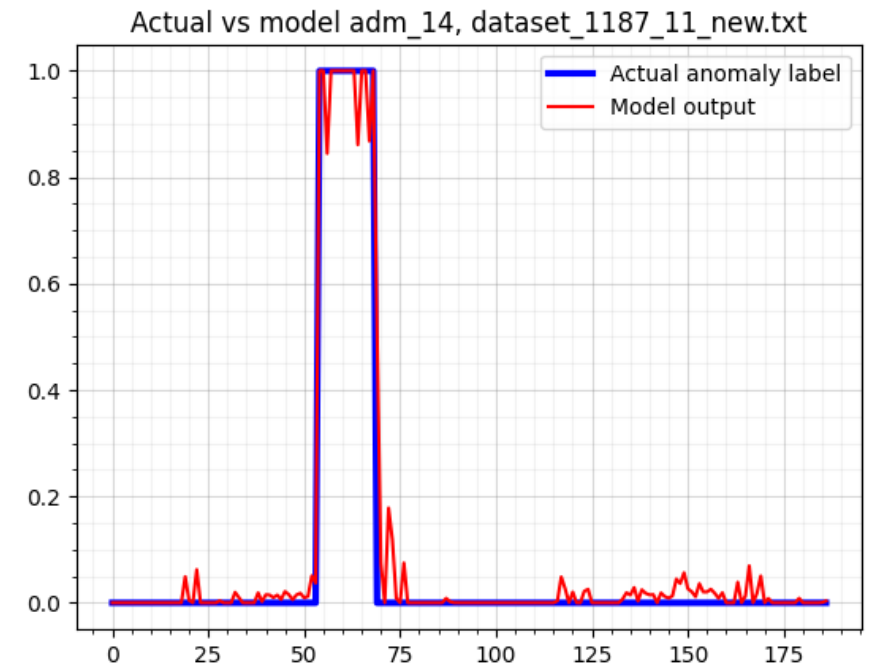
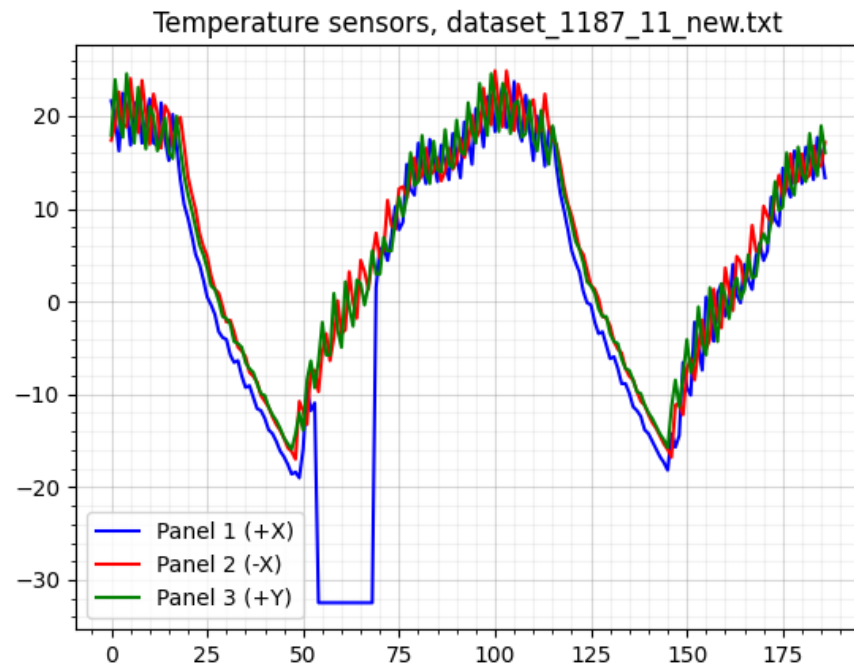


Figure 10: model inferences on dataset_1187_6_new.txt_sens.png



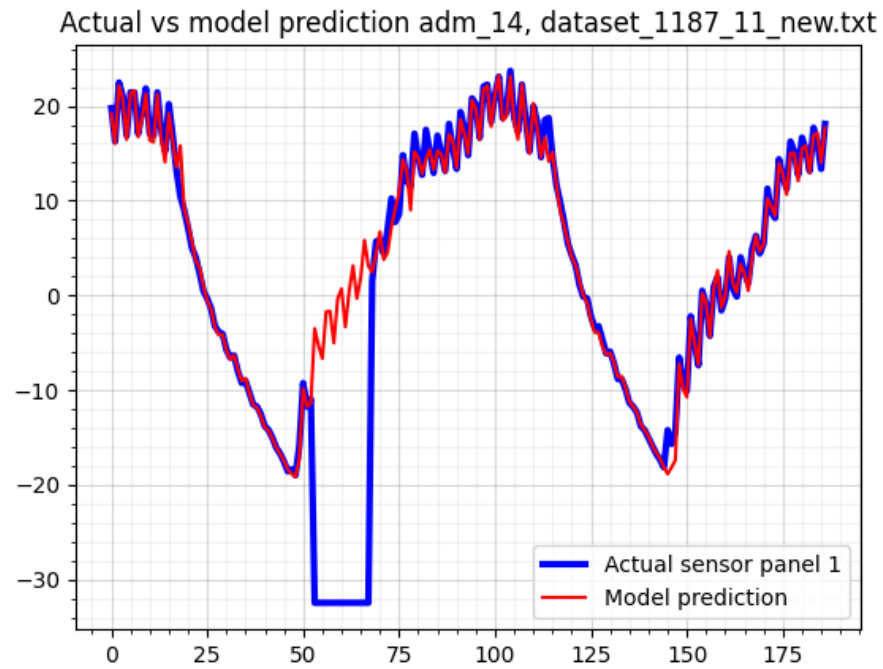
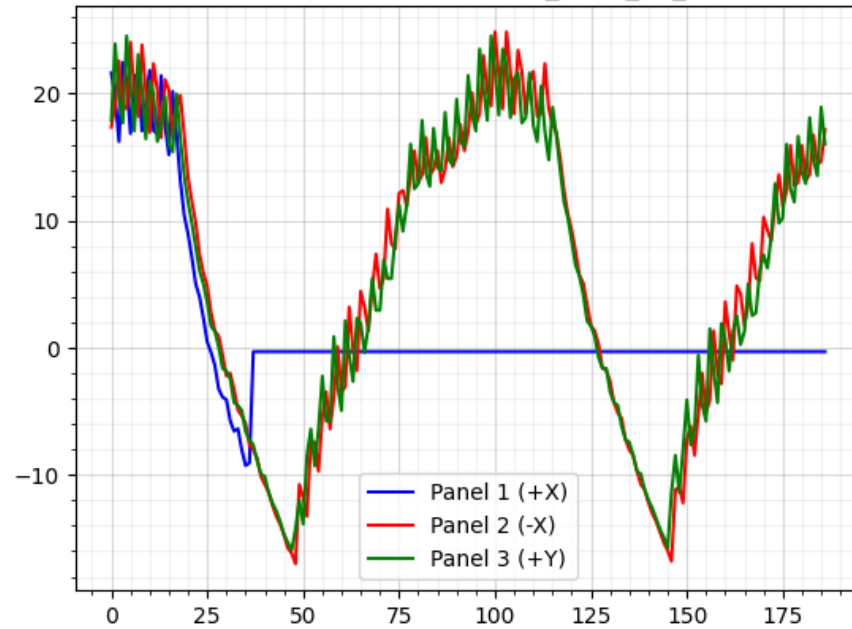


Figure 11: model inferences on dataset_1187_11_new.txt_sens.png

Temperature sensors, dataset_1187_16_new.txt



Actual vs model adm_14, dataset_1187_16_new.txt



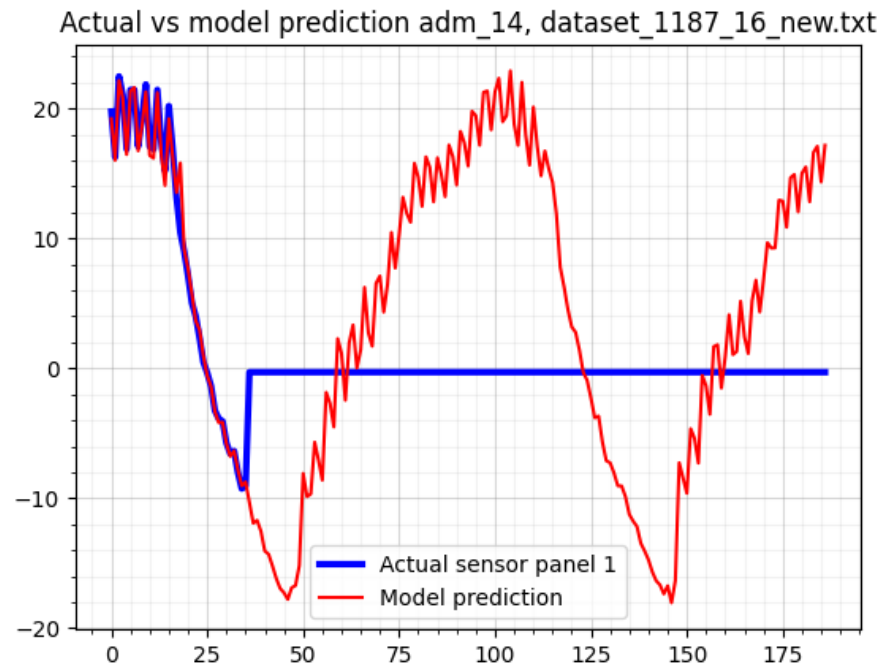
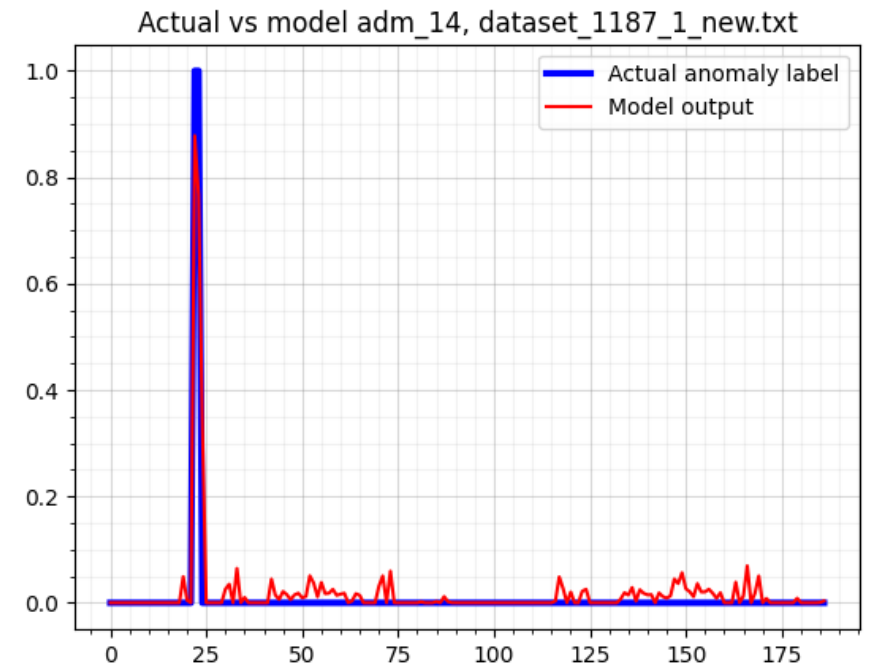
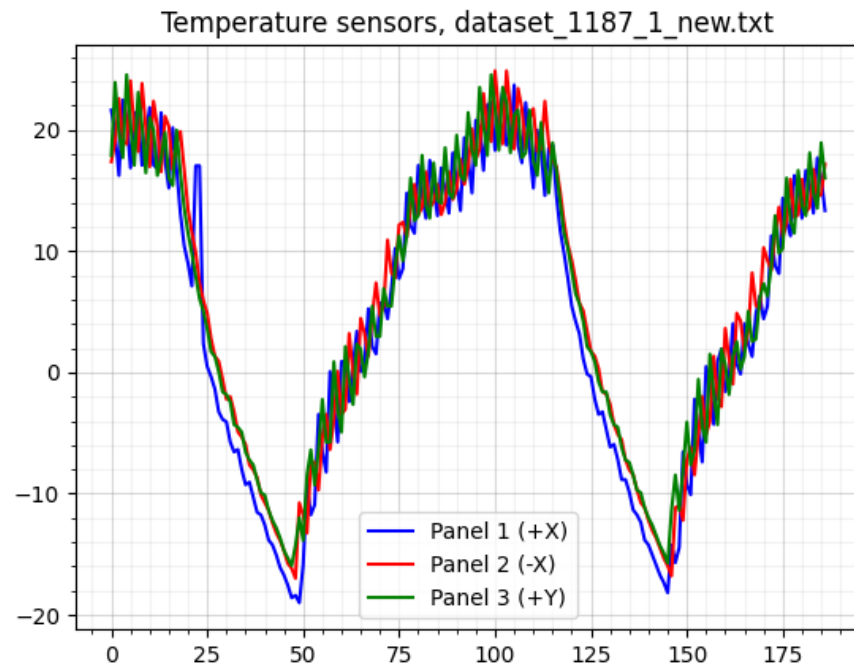


Figure 12: model inferences on dataset_1187_16_new.txt_sens.png



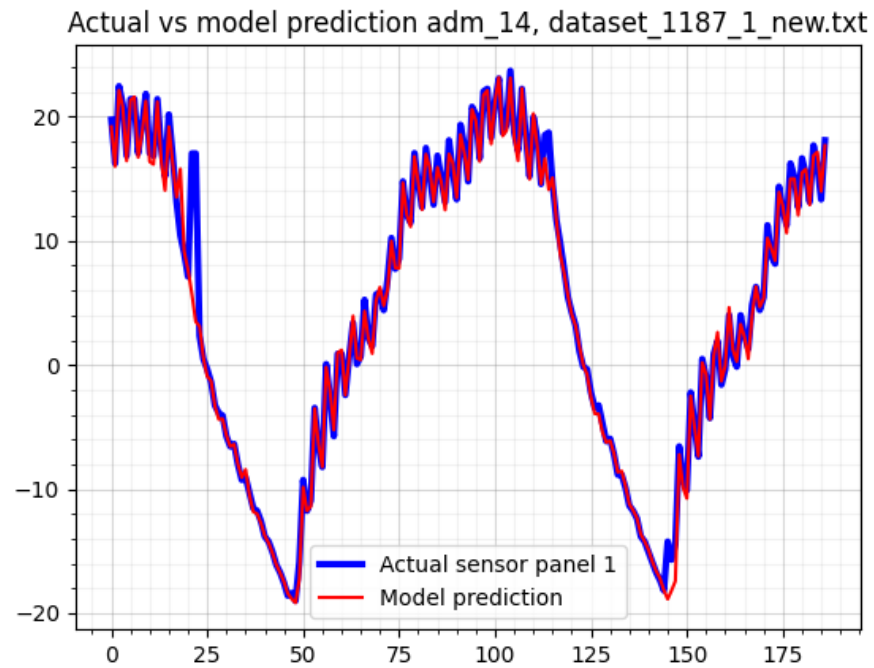
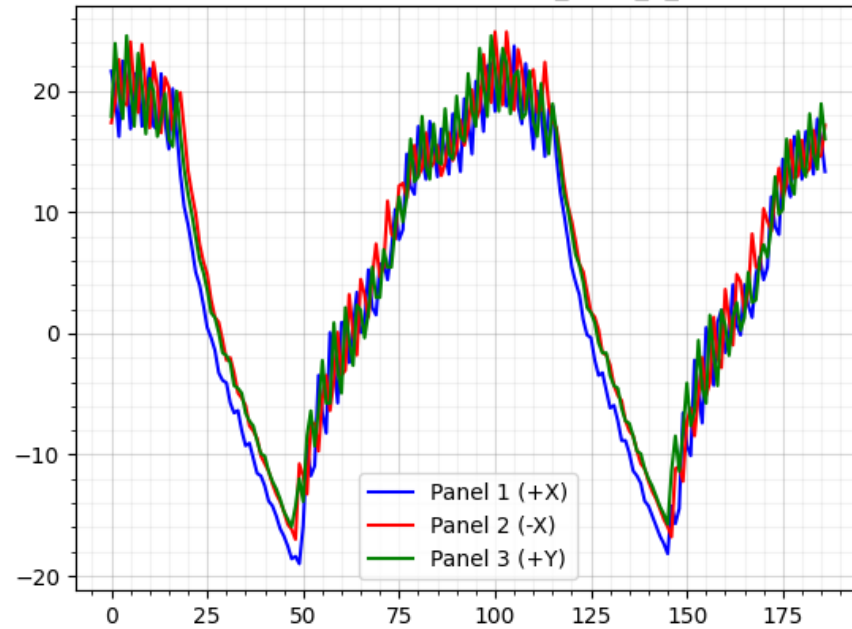
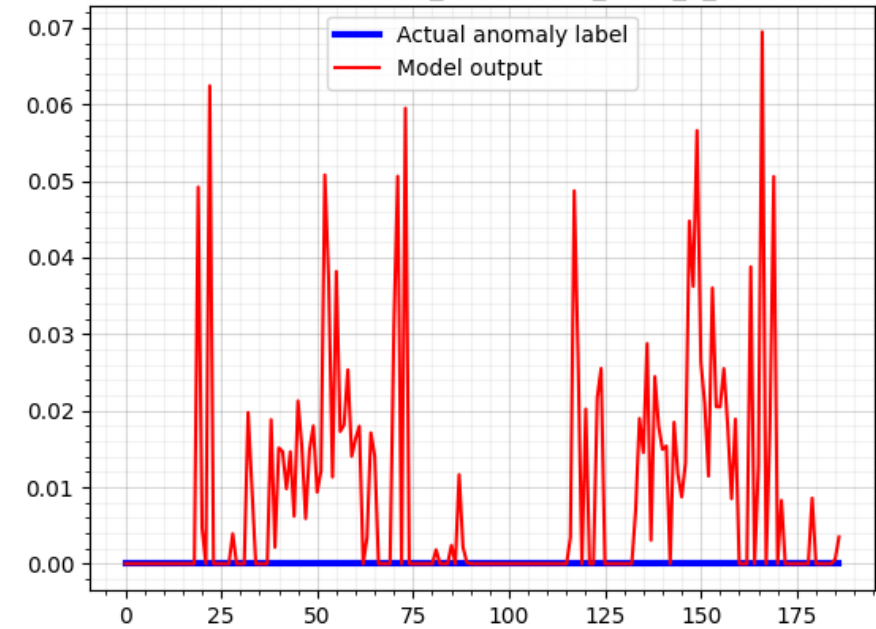


Figure 13: model inferences on dataset_1187_1_new.txt_sens.png

Temperature sensors, dataset_1187_0_new.txt



Actual vs model adm_14, dataset_1187_0_new.txt



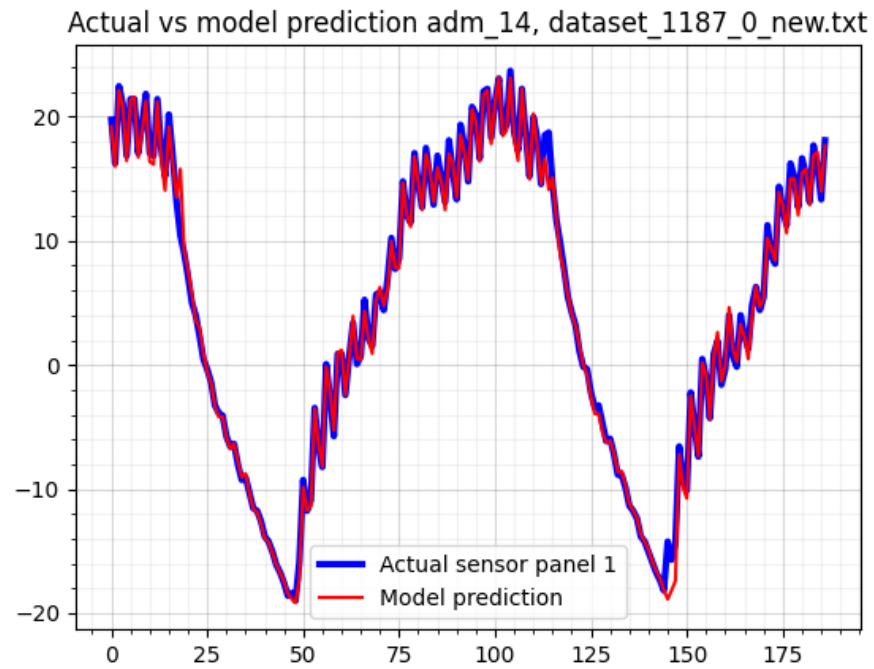
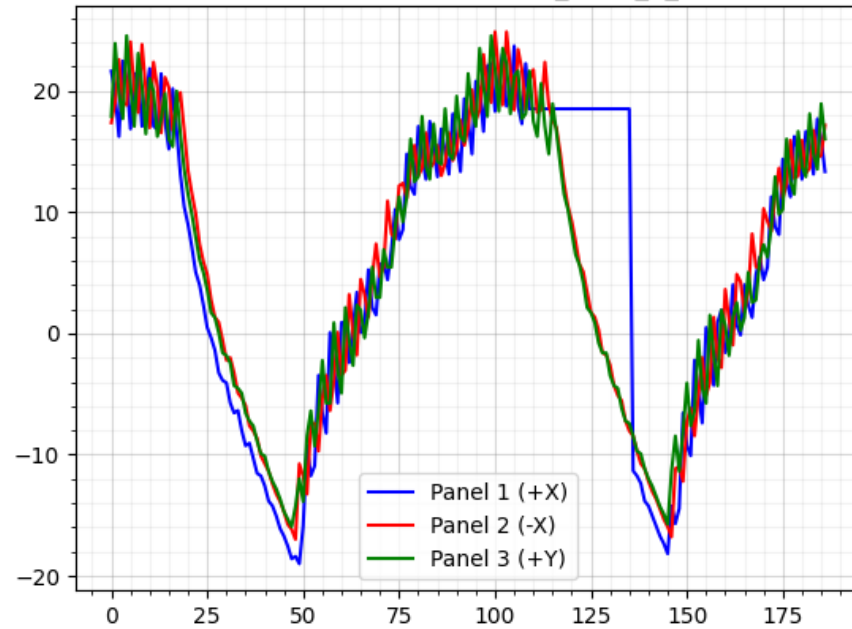
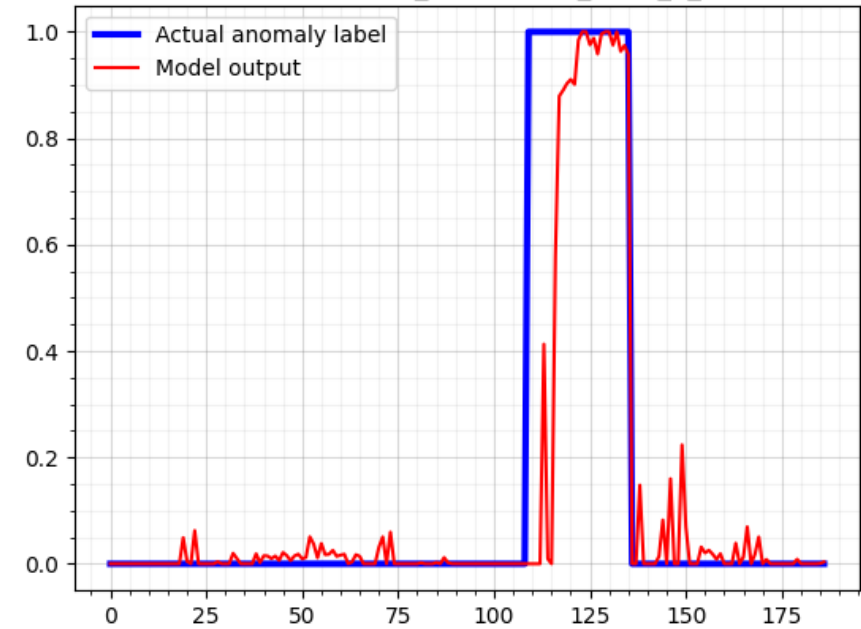


Figure 14: model inferences on dataset_1187_0_new.txt_sens.png

Temperature sensors, dataset_1187_8_new.txt



Actual vs model adm_14, dataset_1187_8_new.txt



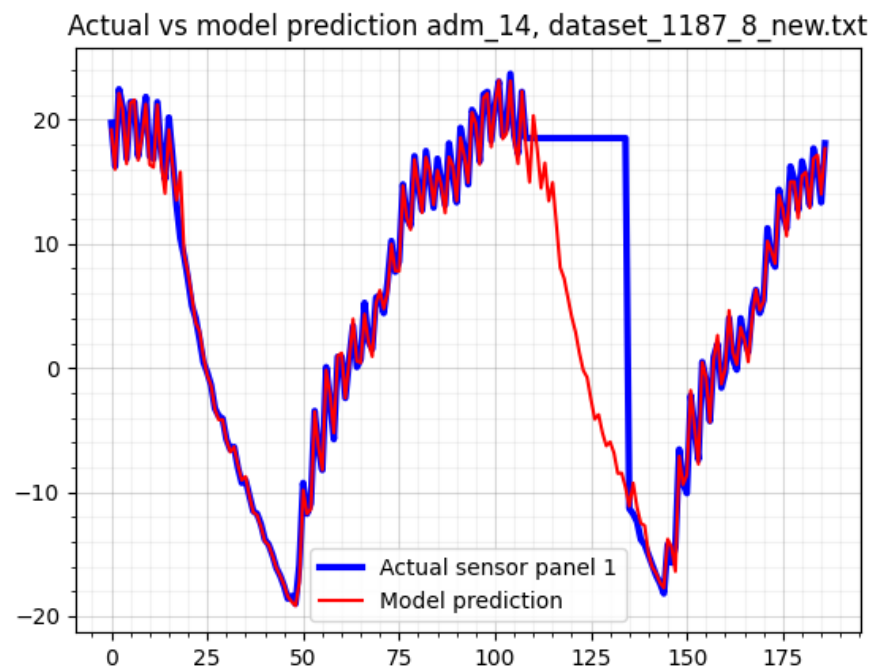
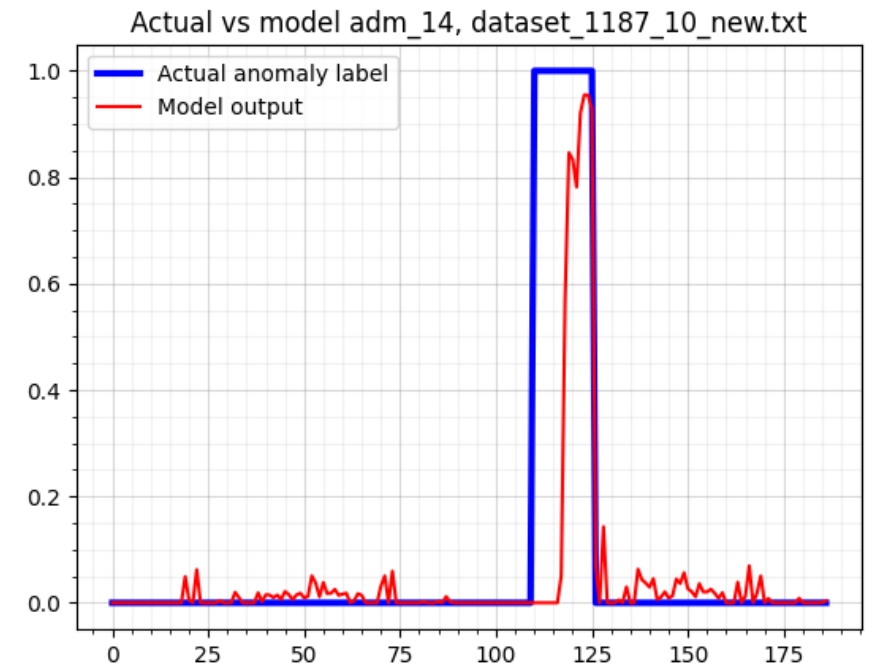
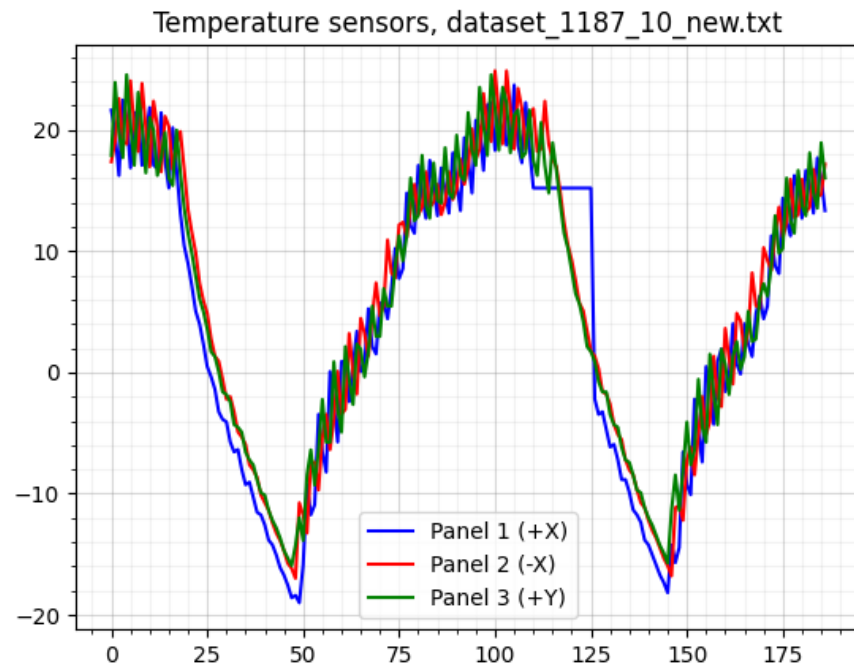


Figure 15: model inferences on dataset_1187_8_new.txt_sens.png



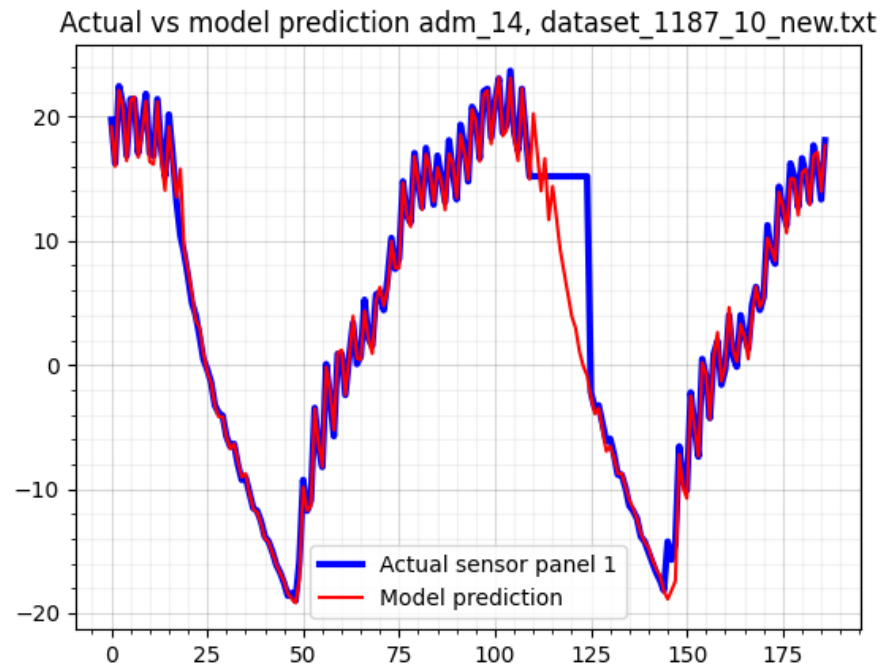
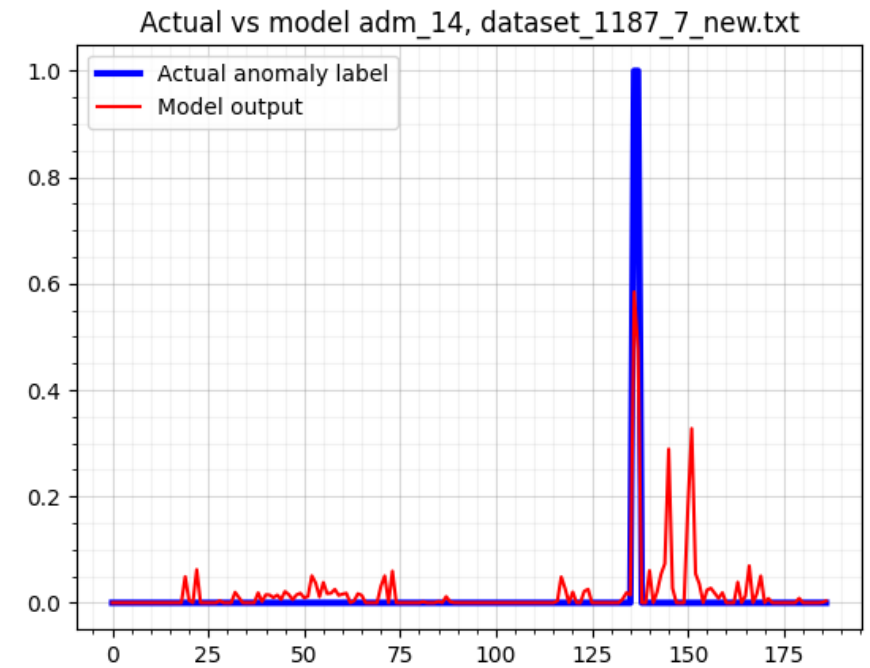
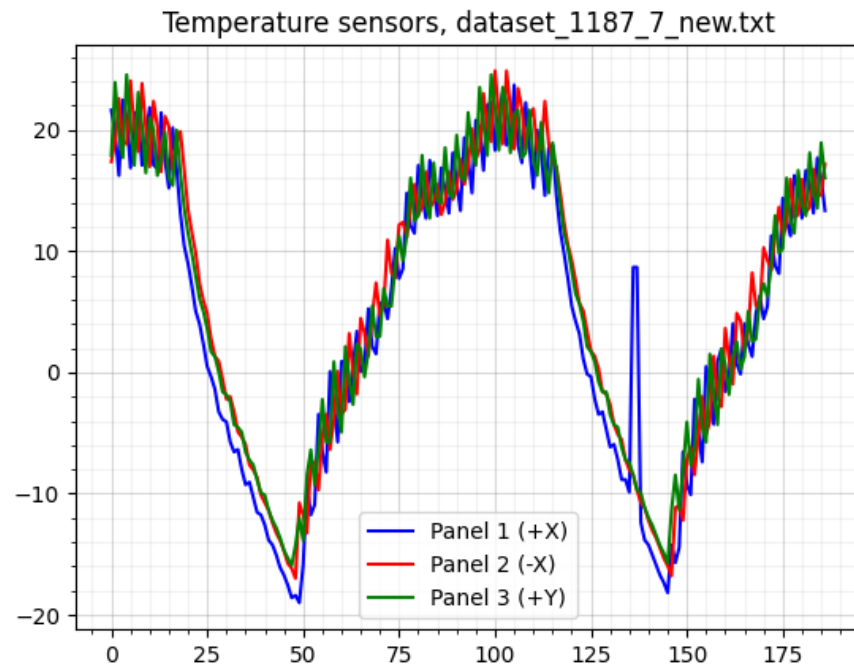


Figure 16: model inferences on dataset_1187_10_new.txt_sens.png



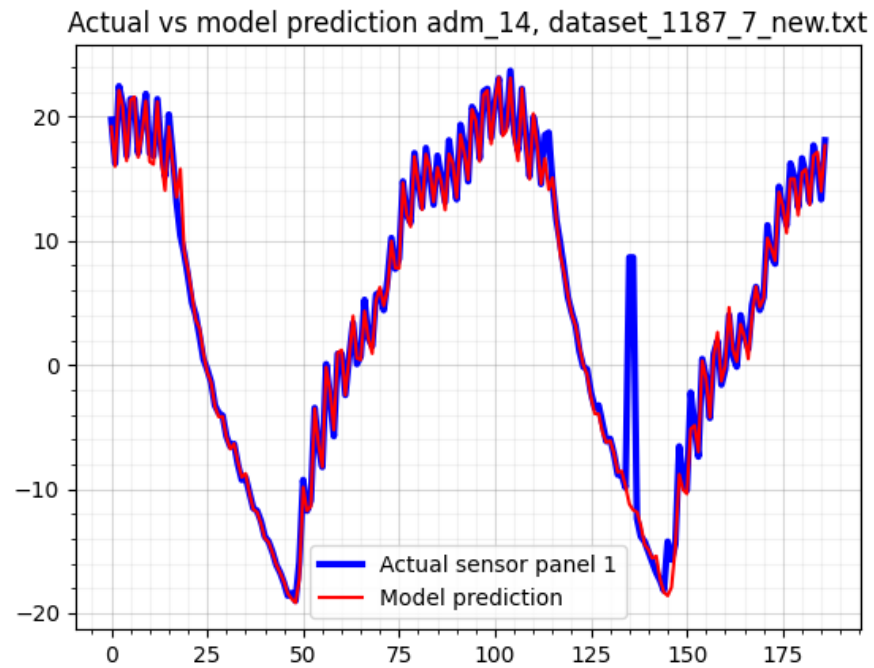


Figure 17: model inferences on dataset_1187_7_new.txt_sens.png