

TF test report 2.4

Test time: 16.06.2023

Model name: adm_2_4 (No threshold. follows anomalies. value limits 1/0 applied. Normalization applied.)

Model type: MLP

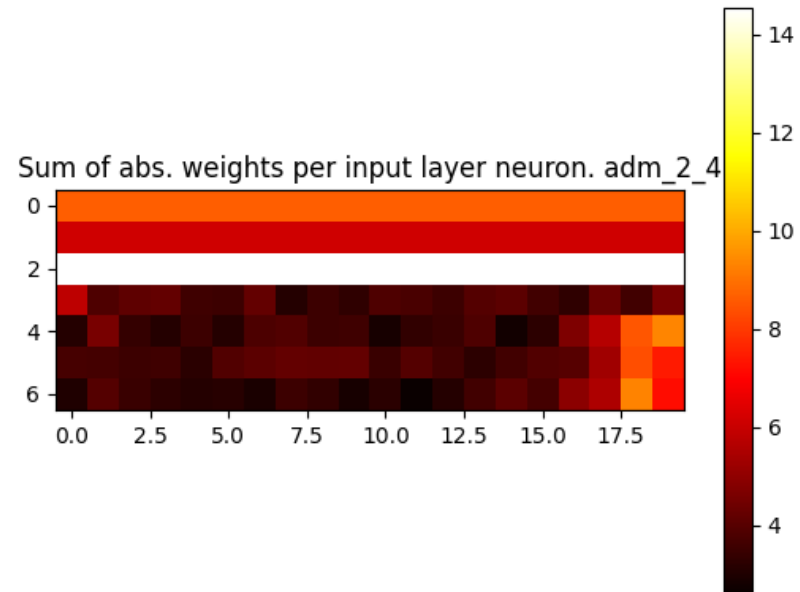
Model description: 83x32x32x32x6 MLP to detect anomalies on 3 panels based on the previous 20 points from 3 panels + 20 time points + derivatives of 3 panels. Tested on previously unseen data. Trained to detect sensor spikes and const regions only.

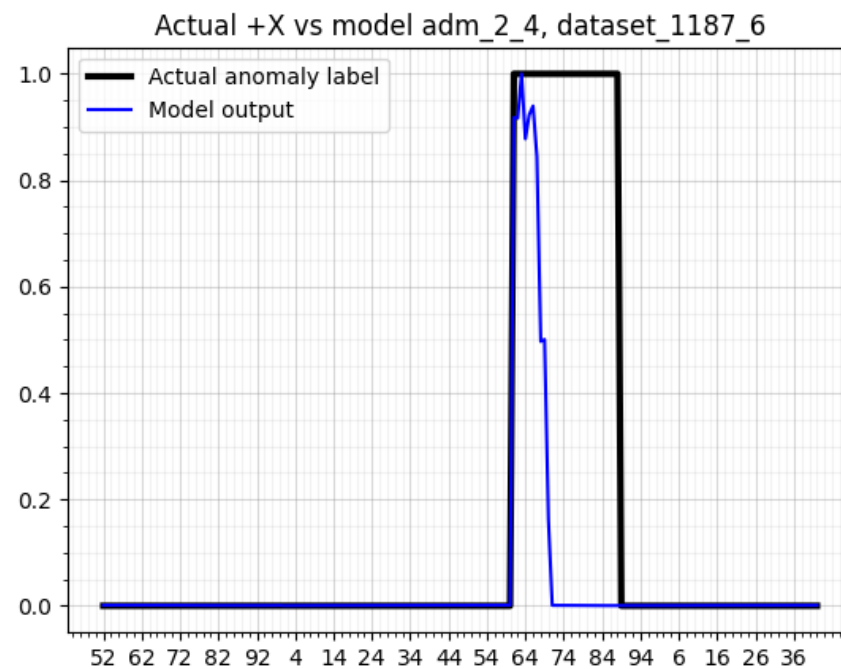
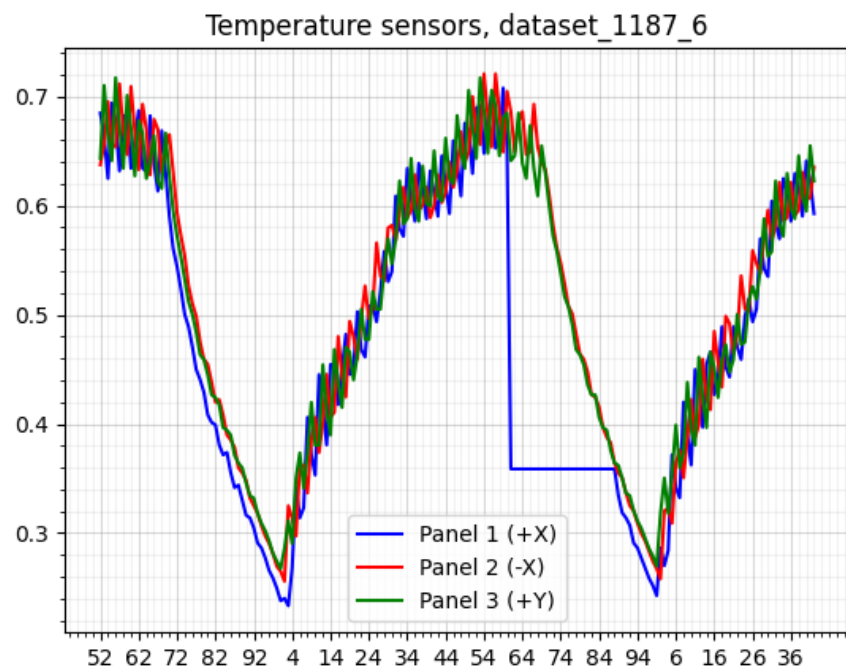
Model data size: NA

Test results:

Accuracy on NO anomalies (0): 0.9941

Accuracy on ANOMALIES (1): 0.3521





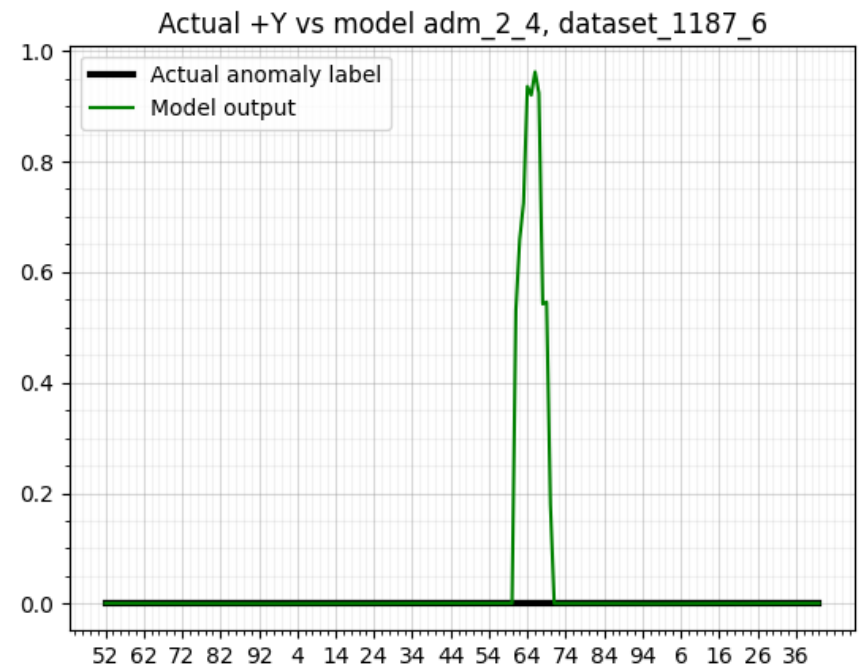
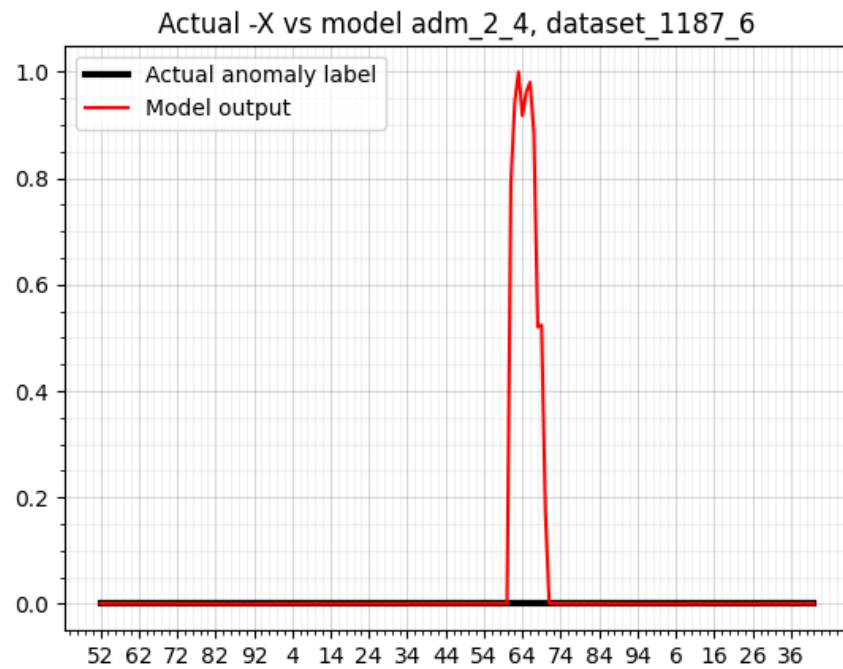
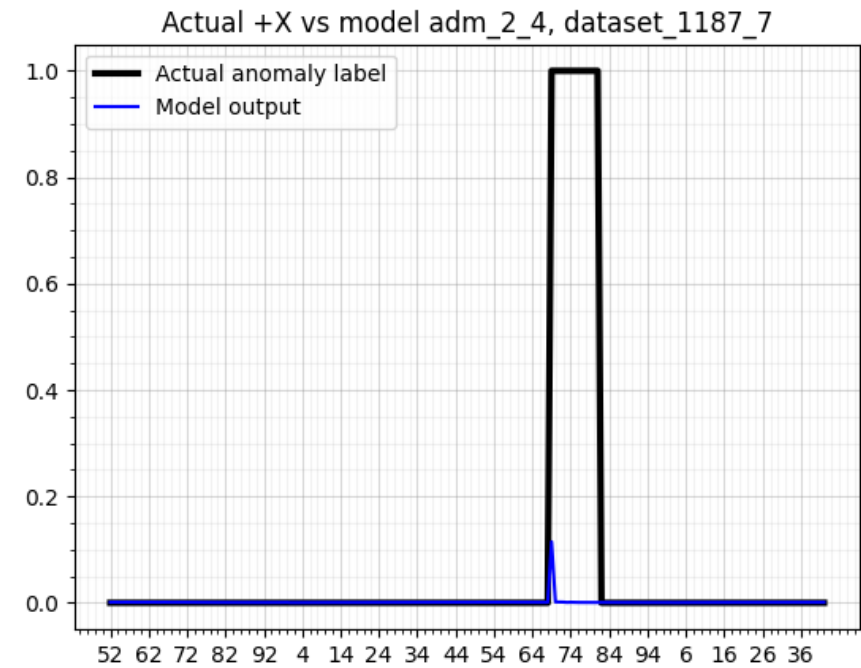
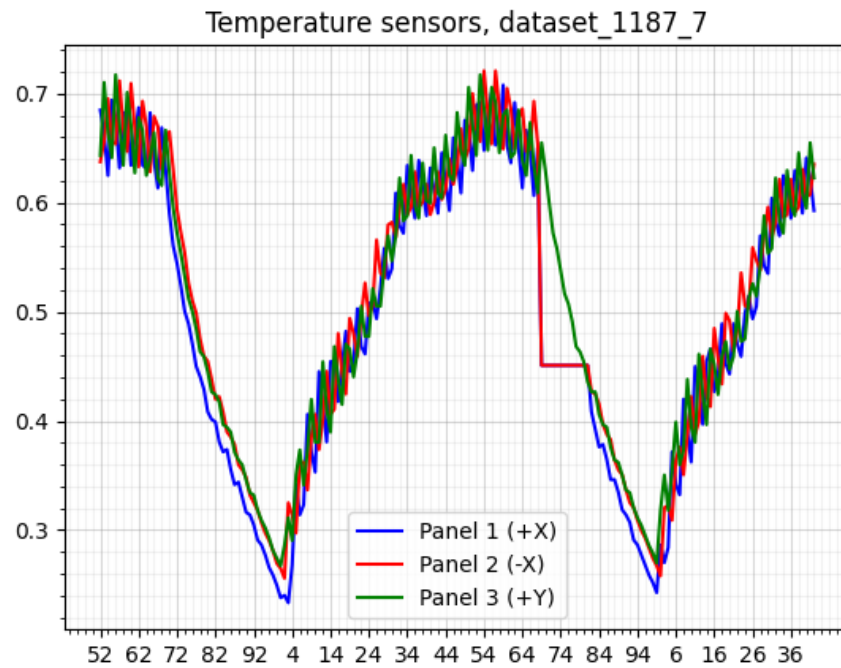


Figure 1: model inferences on dataset_1187_6_sens.png



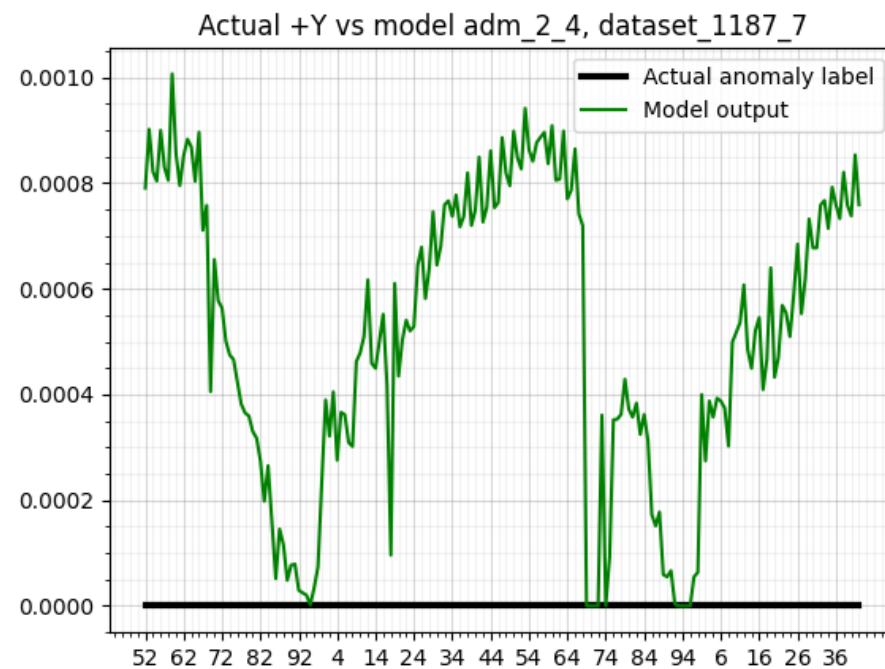
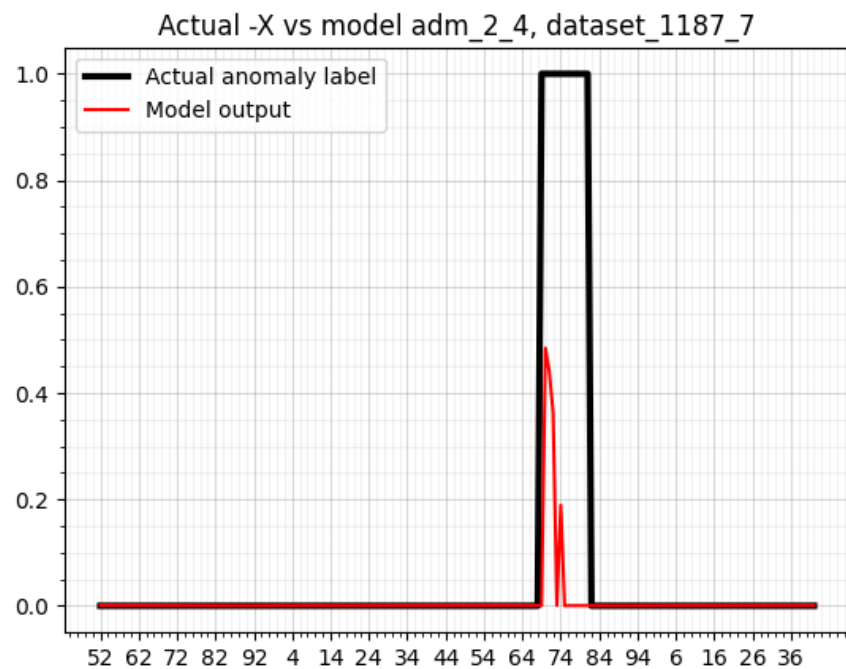
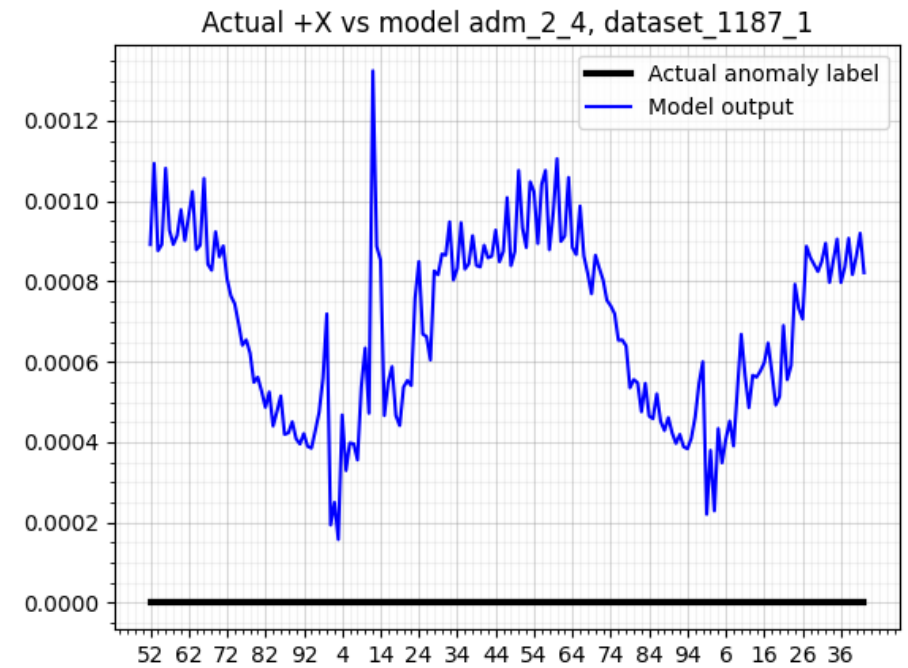
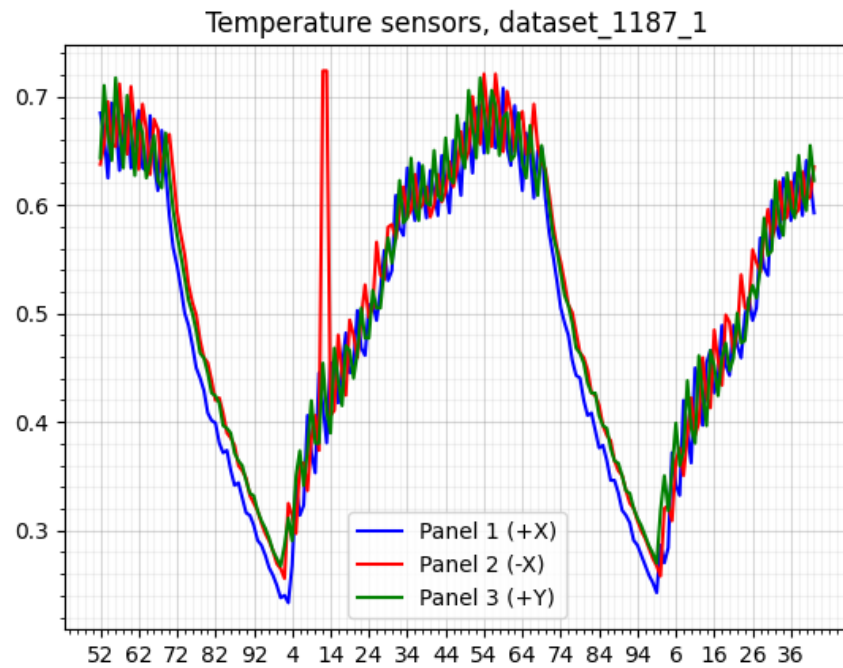


Figure 2: model inferences on dataset_1187_7_sens.png



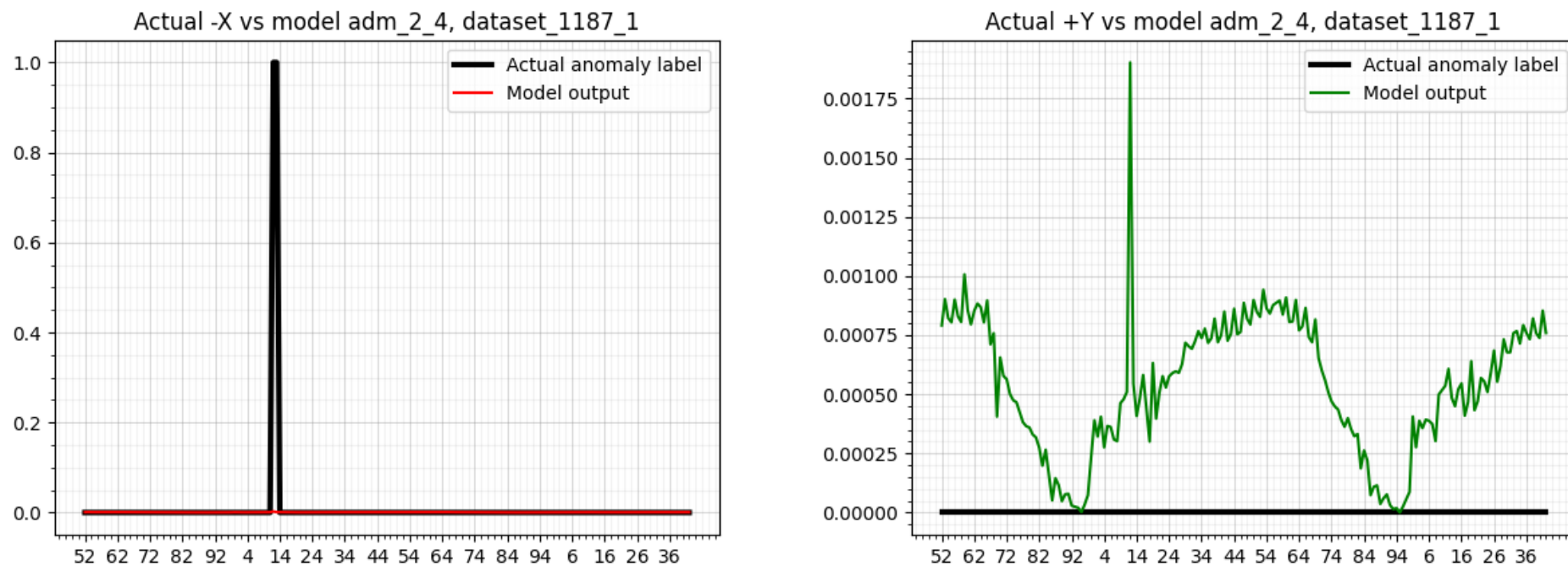
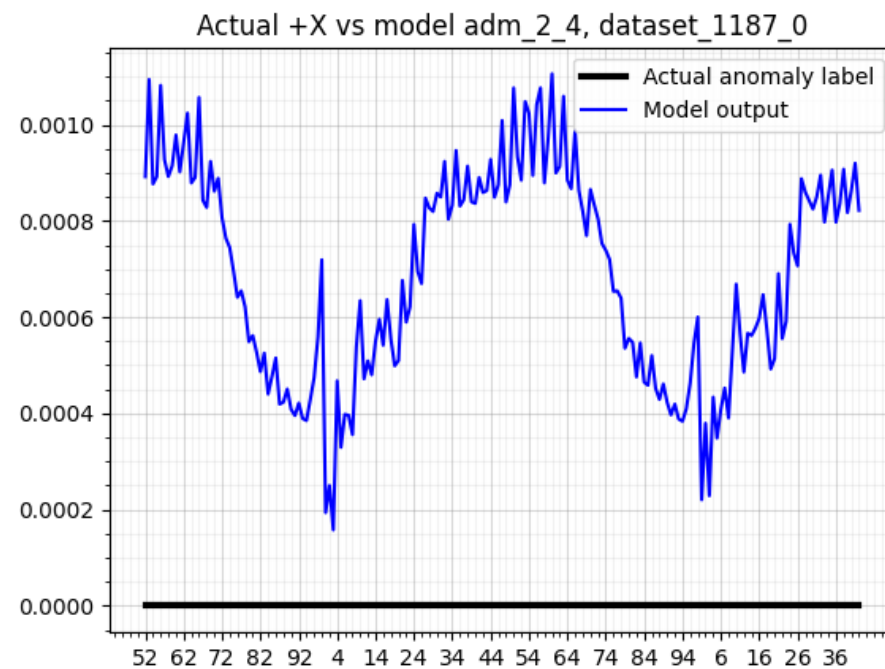
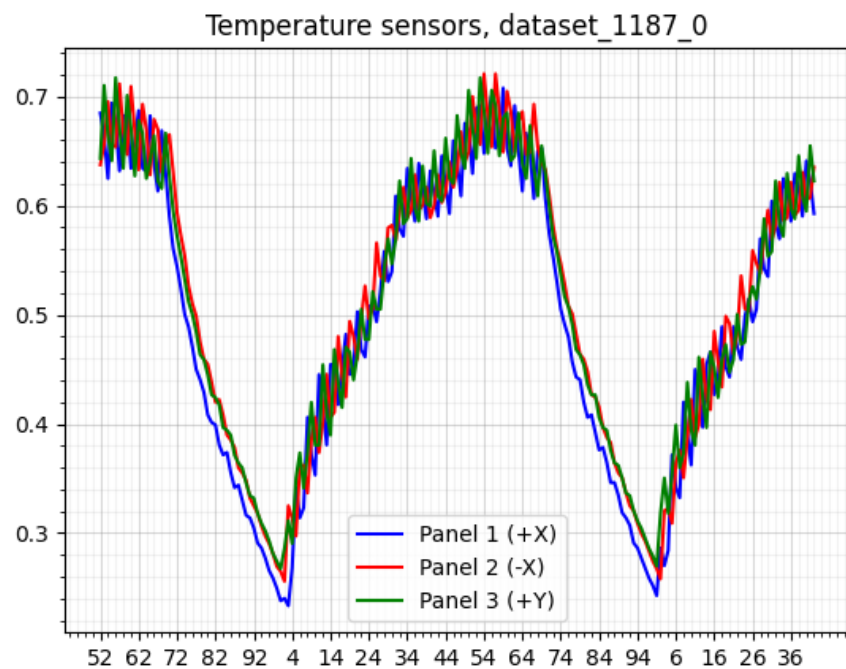


Figure 3: model inferences on dataset_1187_1_sens.png



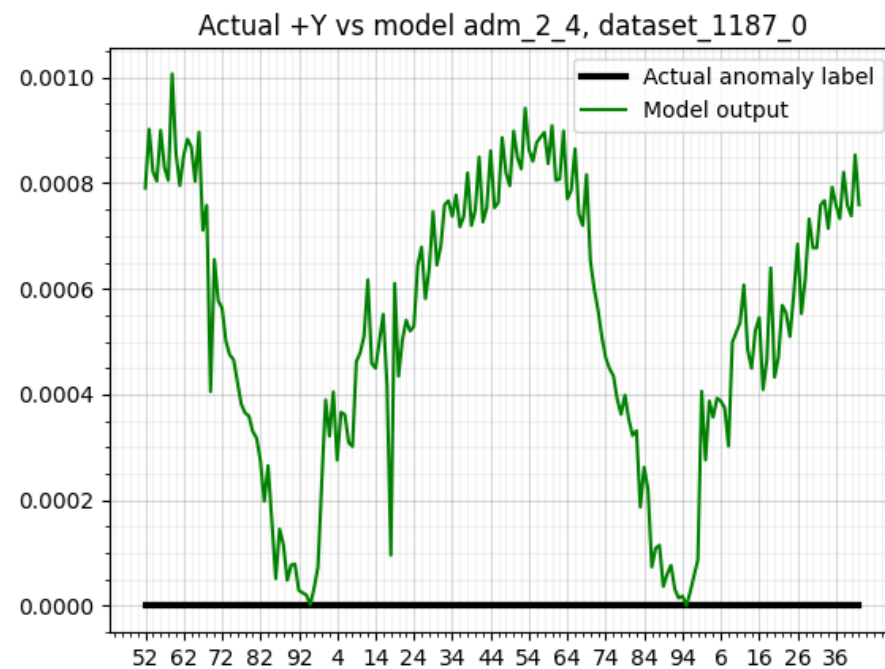
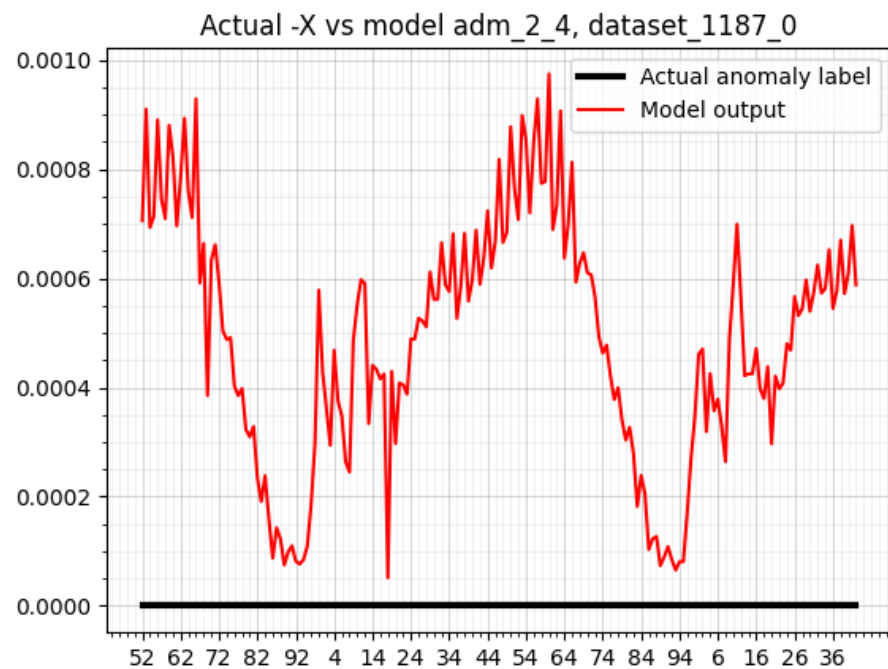
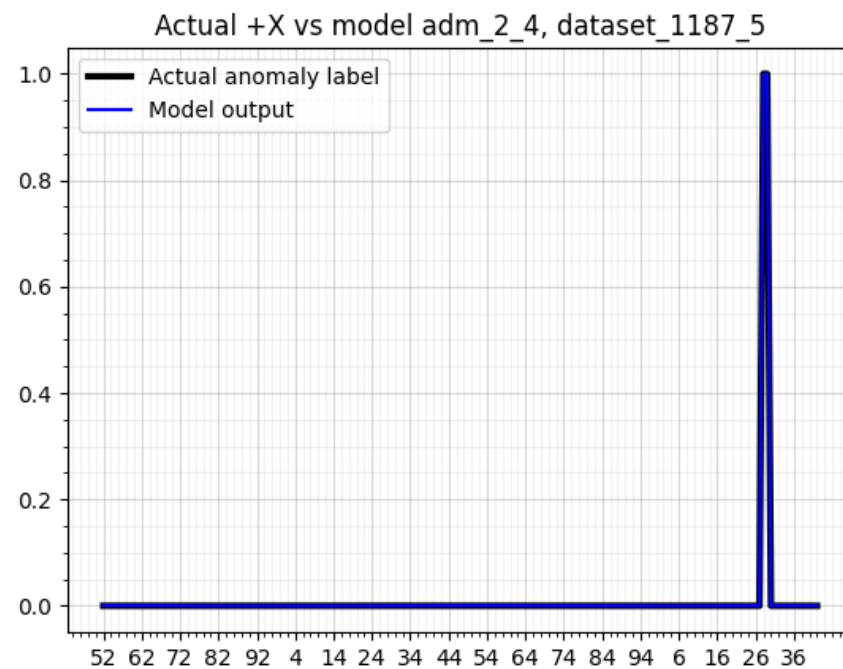
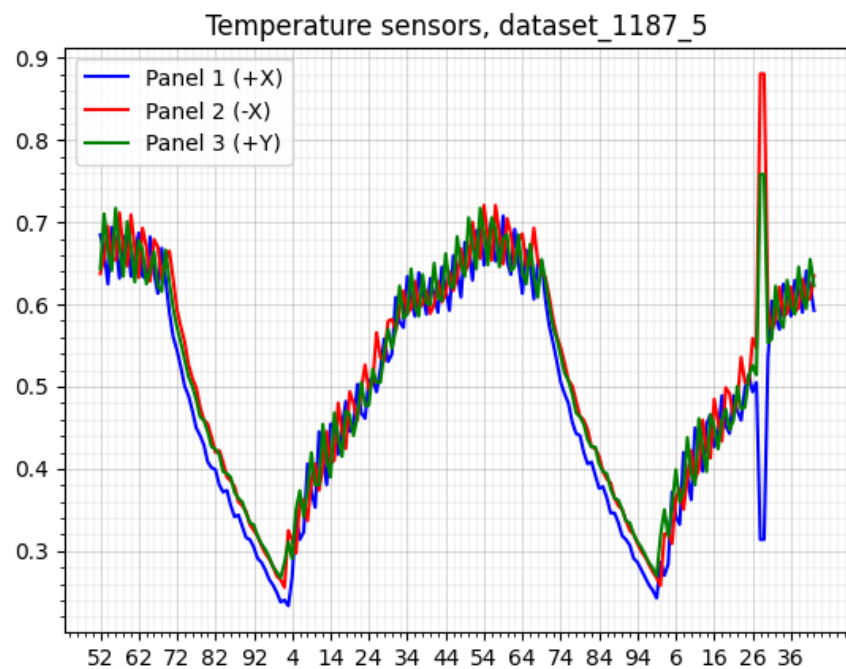


Figure 4: model inferences on dataset_1187_0_sens.png



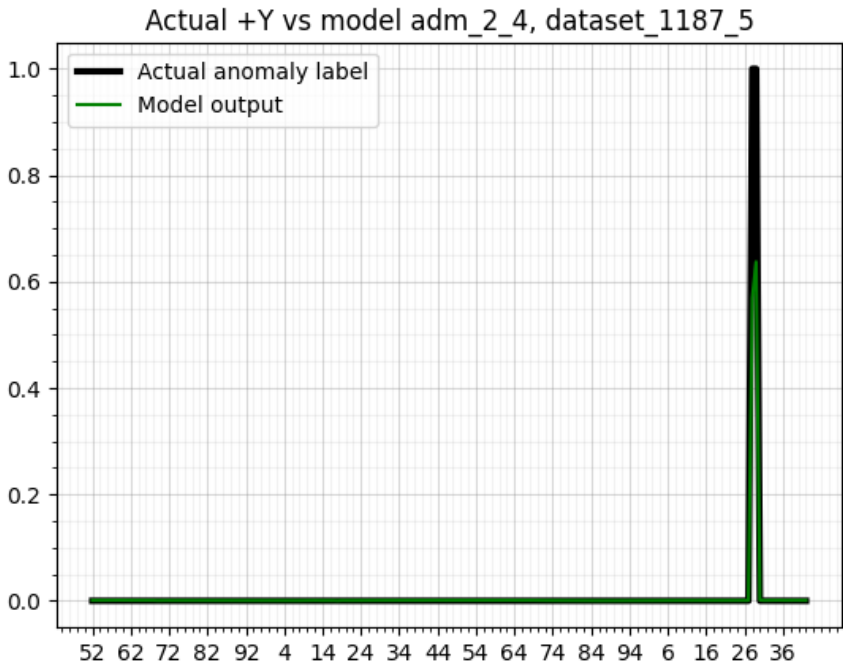
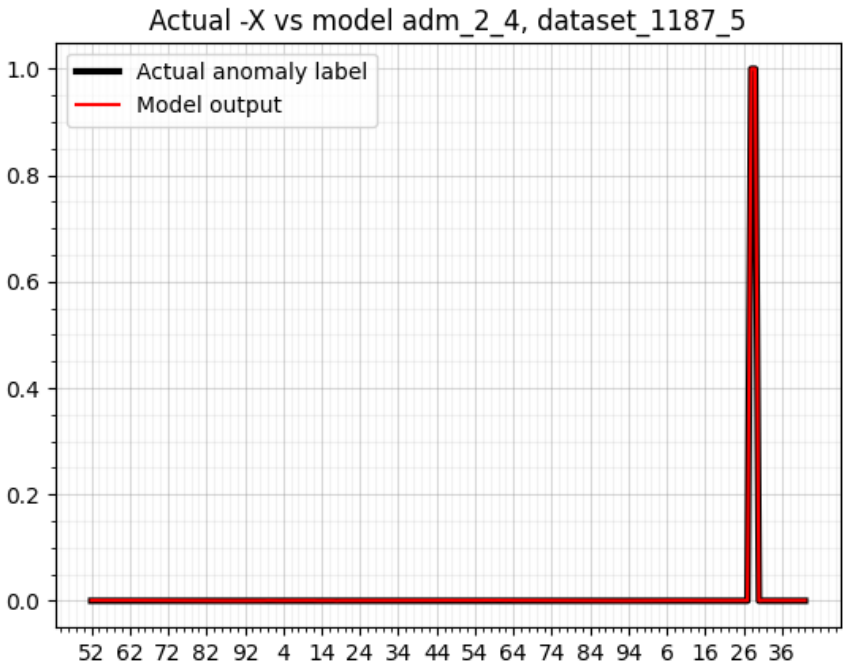
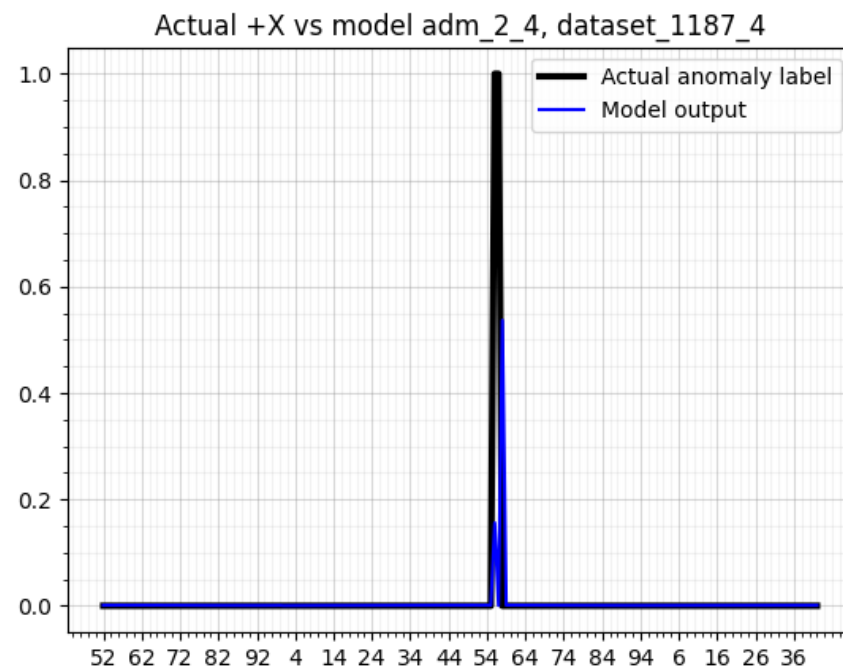
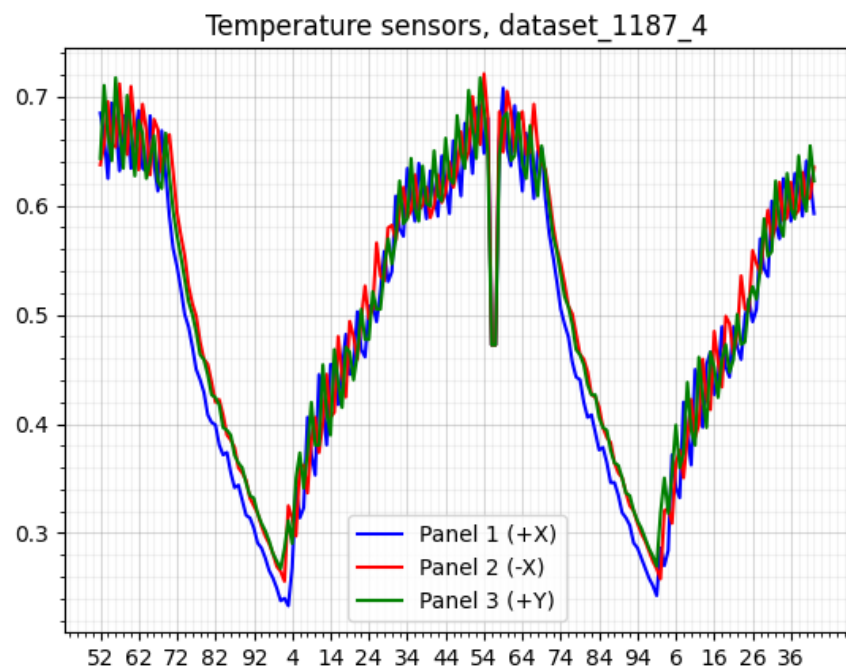


Figure 5: model inferences on dataset_1187_5_sens.png



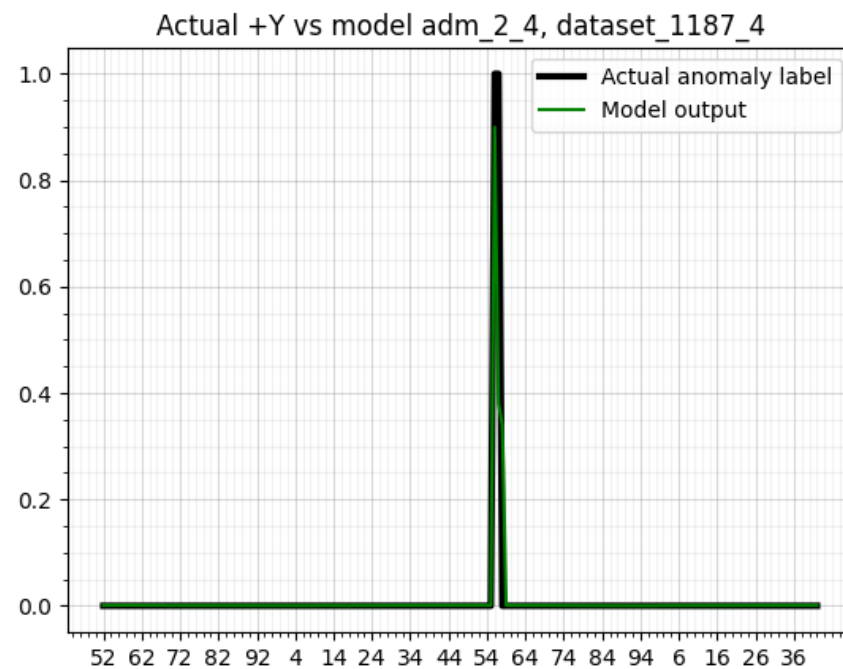
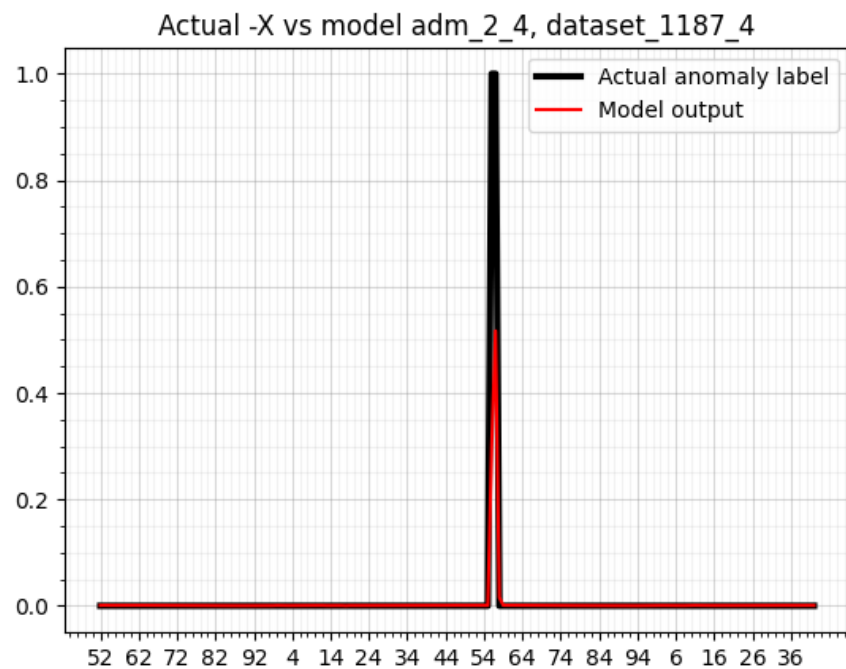
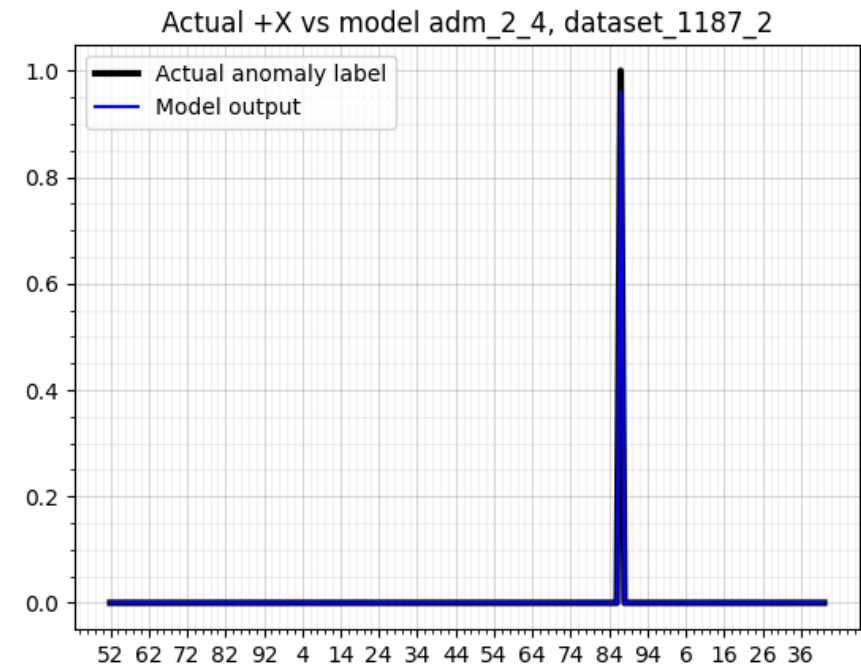
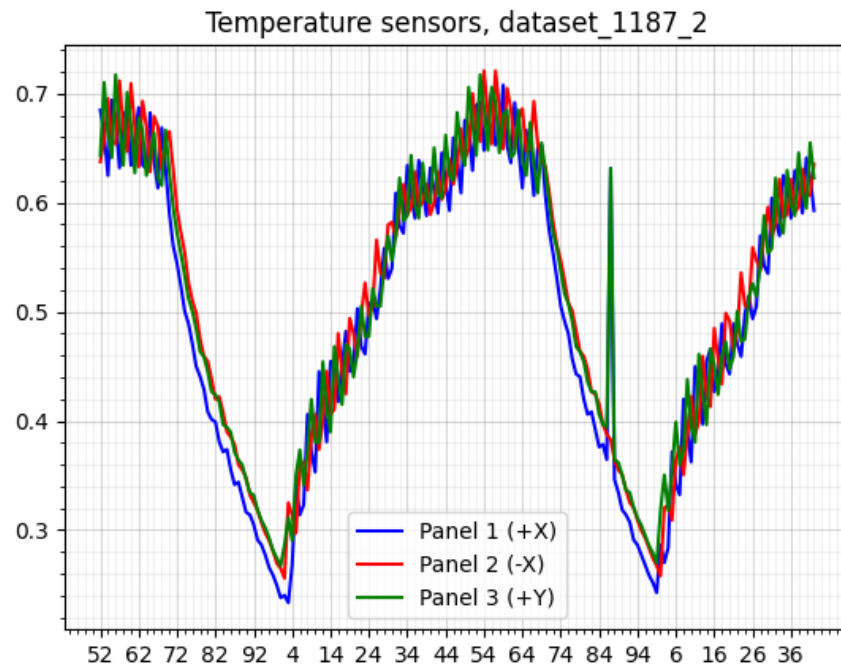


Figure 6: model inferences on dataset_1187_4_sens.png



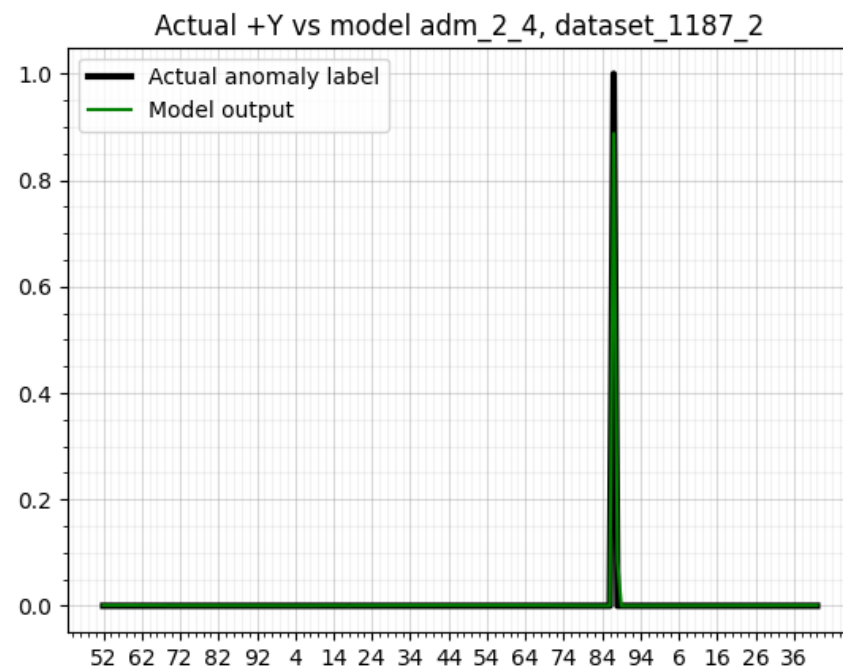
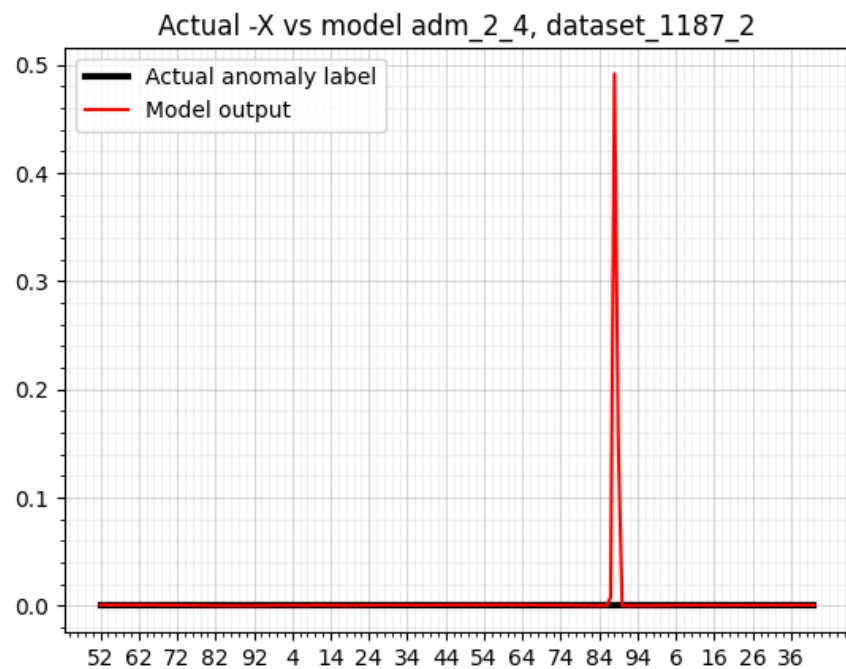
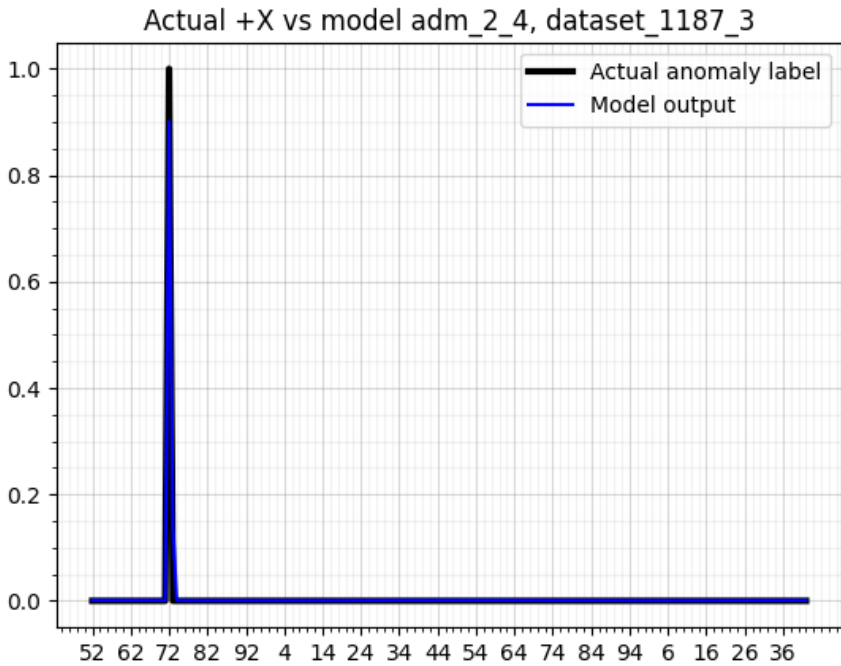
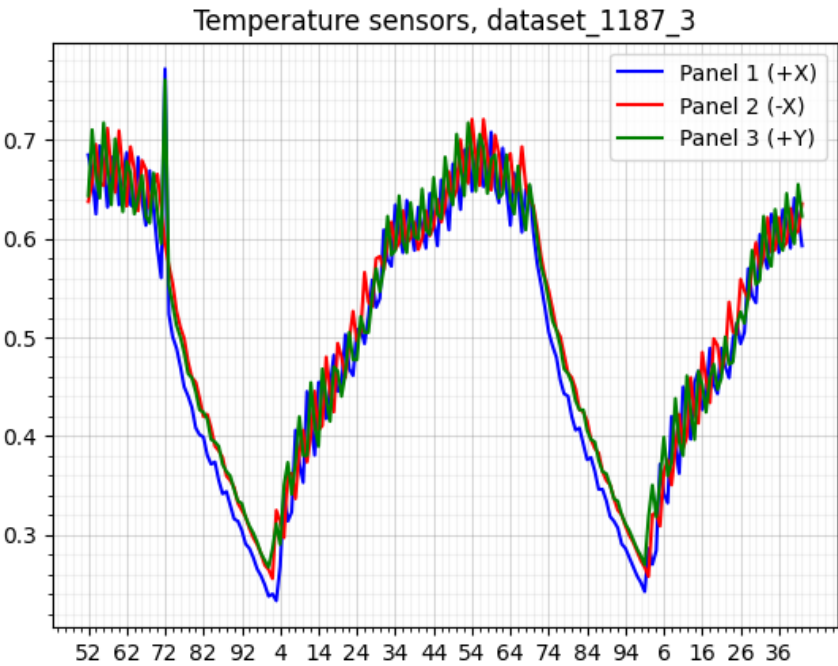


Figure 7: model inferences on dataset_1187_2_sens.png



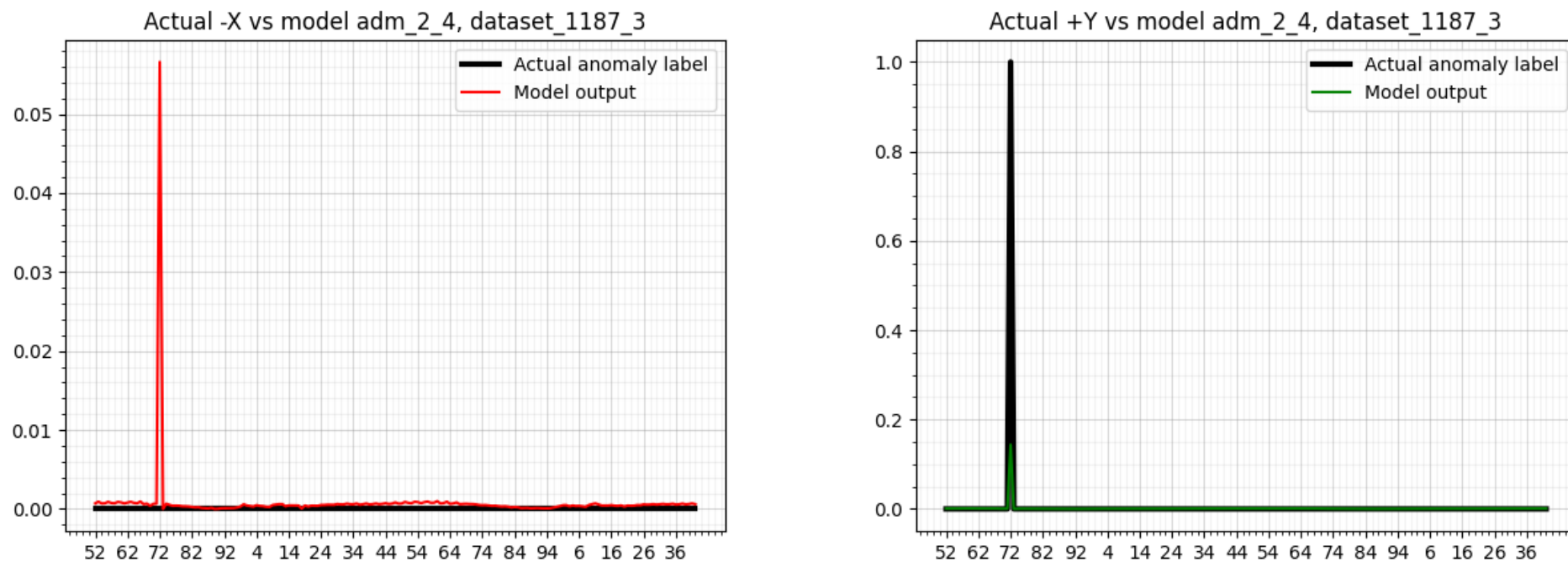
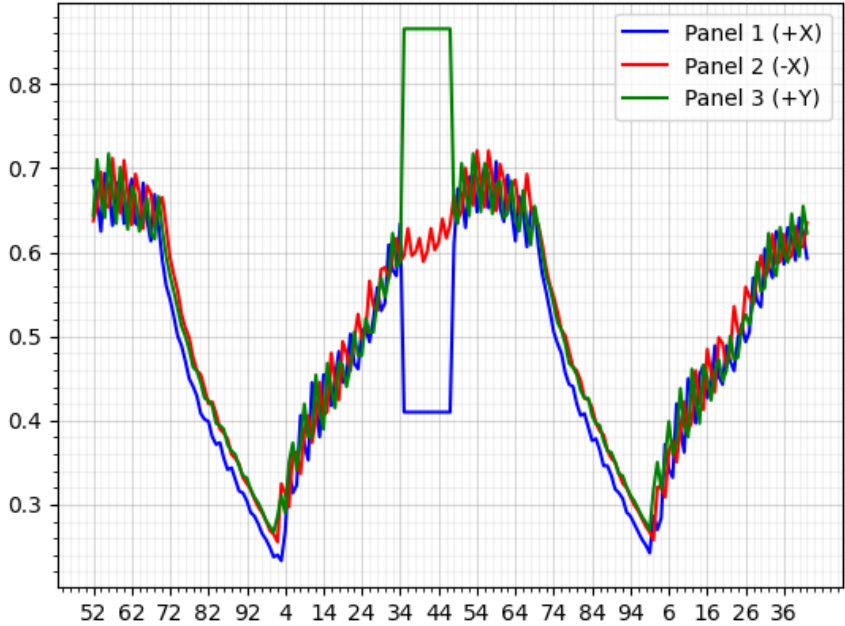
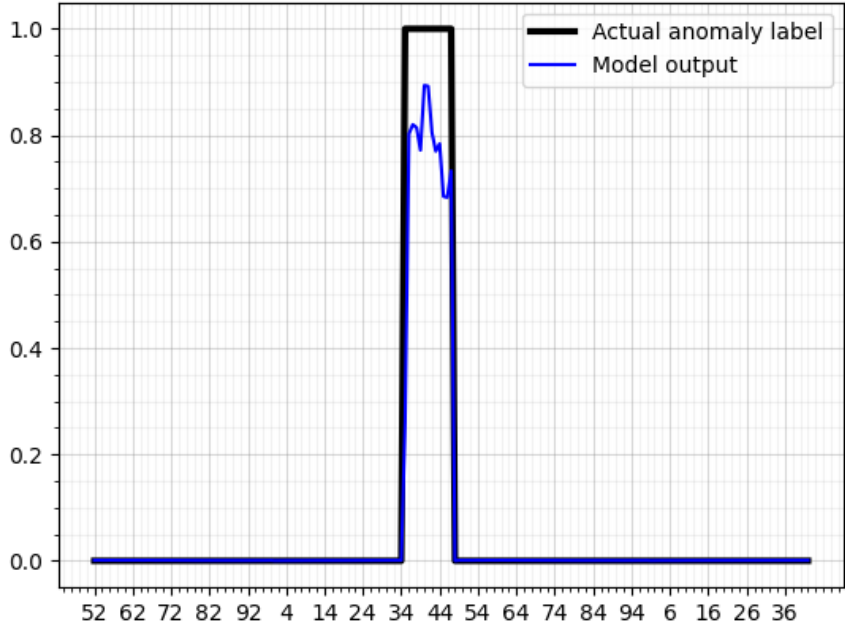


Figure 8: model inferences on dataset_1187_3_sens.png

Temperature sensors, dataset_1187_8



Actual +X vs model adm_2_4, dataset_1187_8



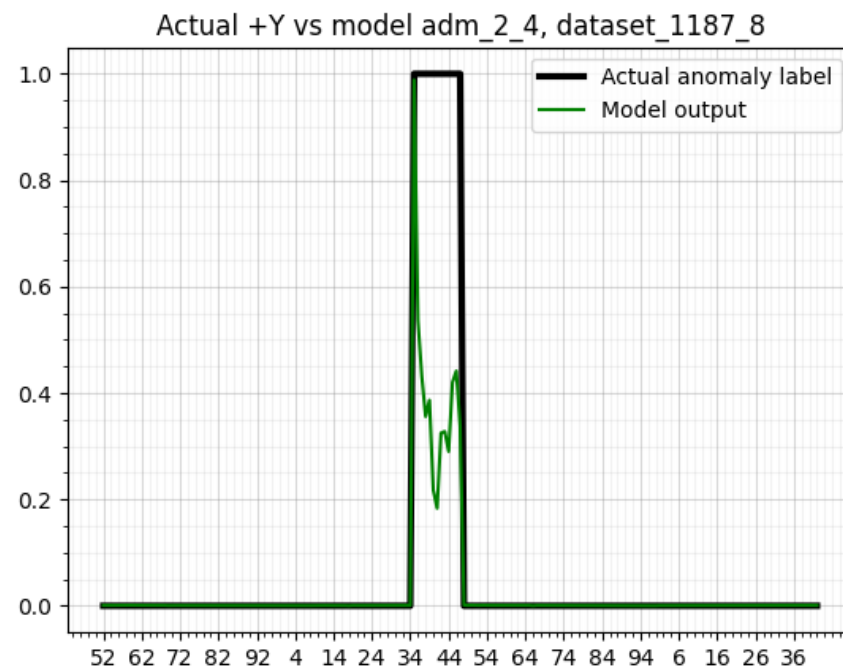
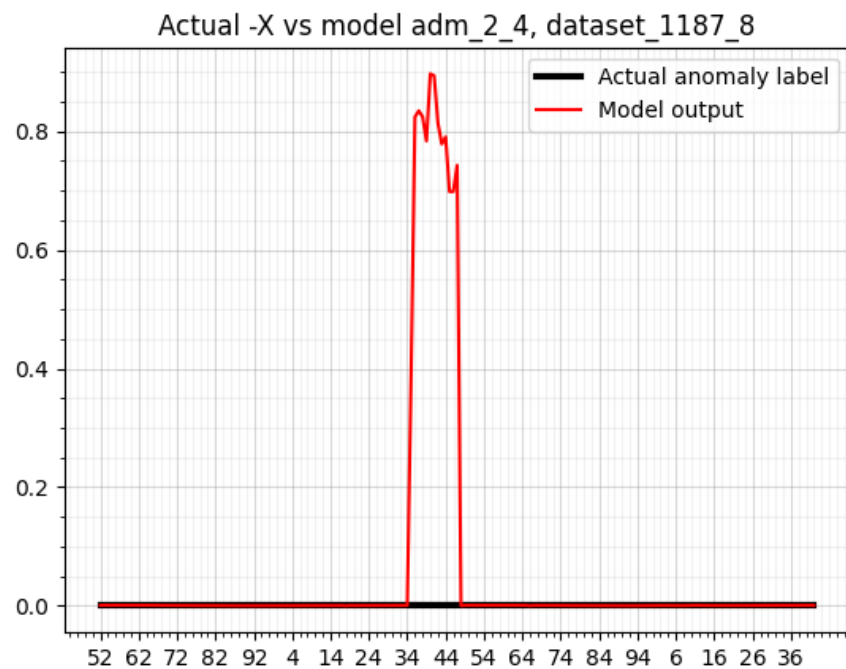


Figure 9: model inferences on dataset_1187_8_sens.png