

TF test report 2.7.1

Test time: 22.06.2023

Model name: adm_2_7_b (No threshold. follows anomalies. value limits 1/0 applied. Normalization applied.)

Model type: MLP

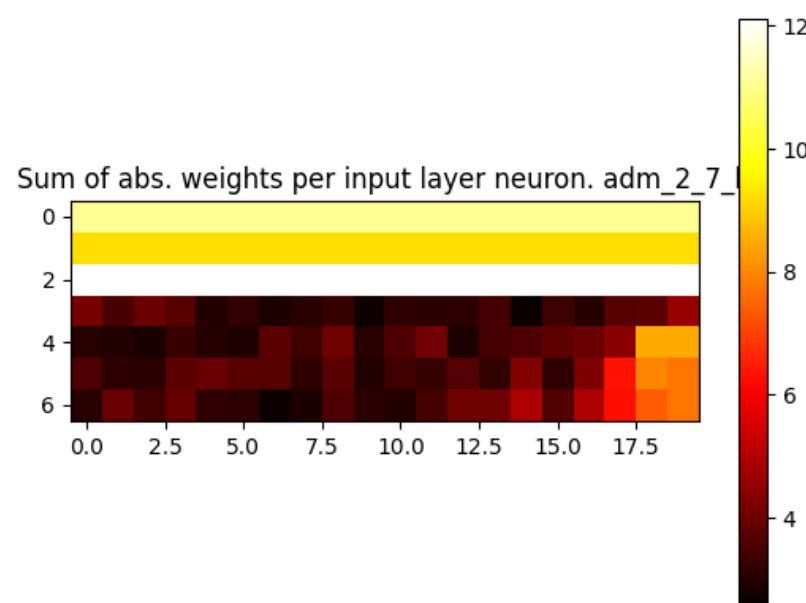
Model description: 83x32x32x32x6 MLP to detect anomalies on 3 panels based on the previous 20 points from 3 panels + 20 time points + derivatives of 3 panels.
Tested on previously unseen data. Trained to detect sensor spikes, const regions, temp shifts and bumps (removed duplicates)

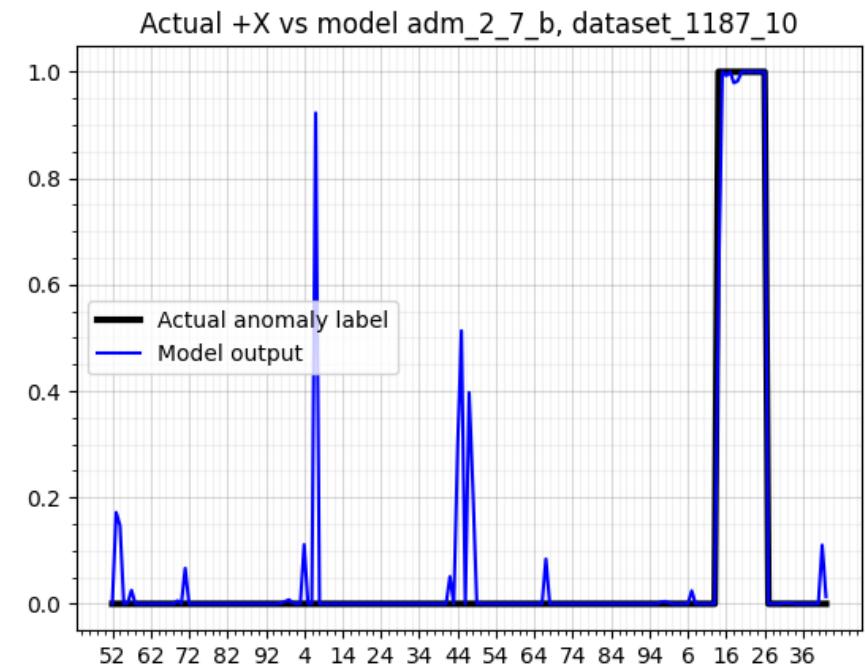
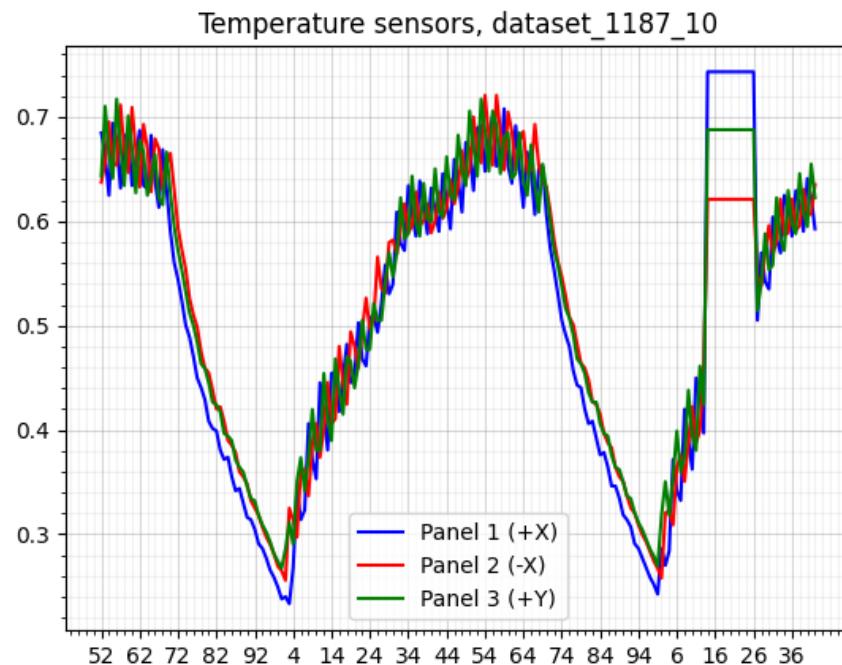
Model data size: NA

Test results:

Accuracy on NO anomalies (0): 0.9867

Accuracy on ANOMALIES (1): 0.93





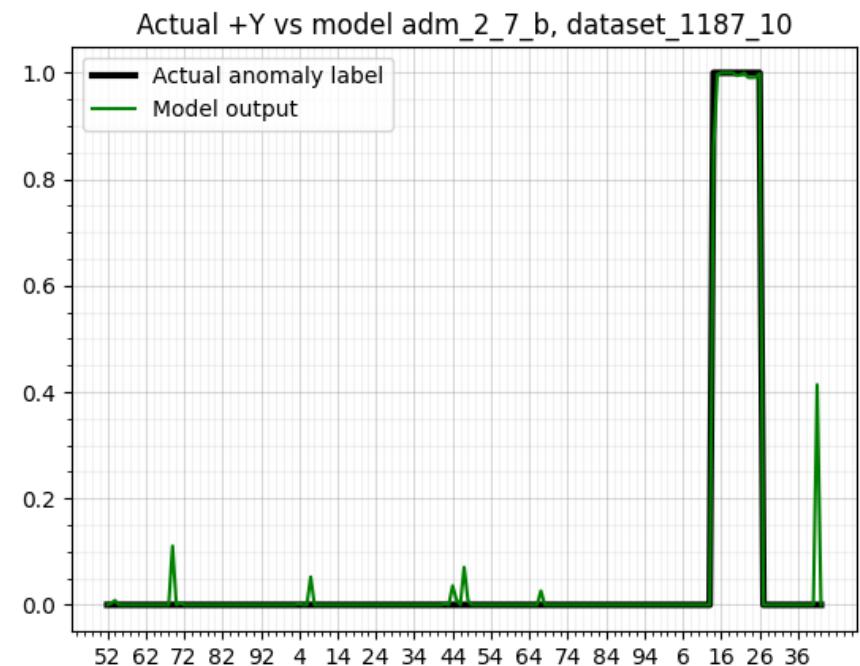
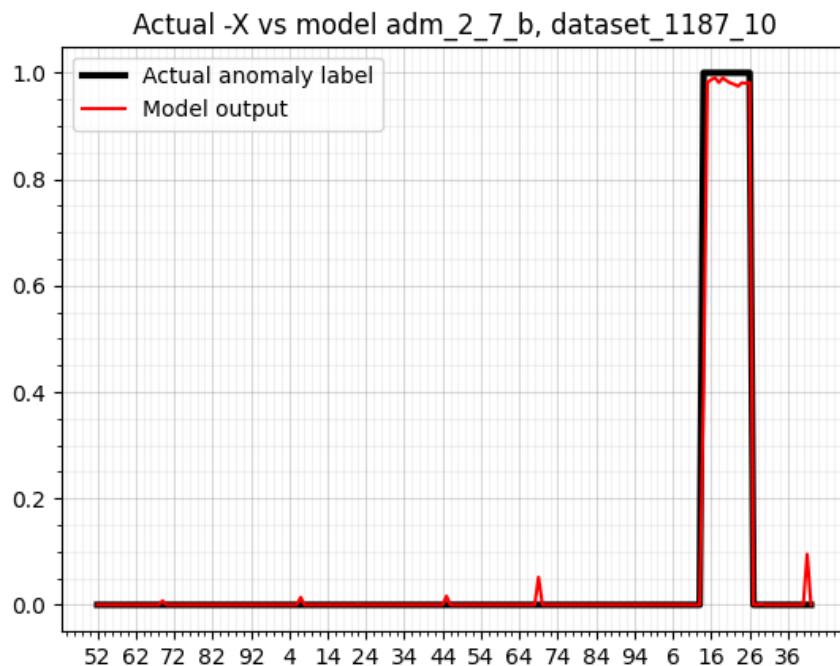
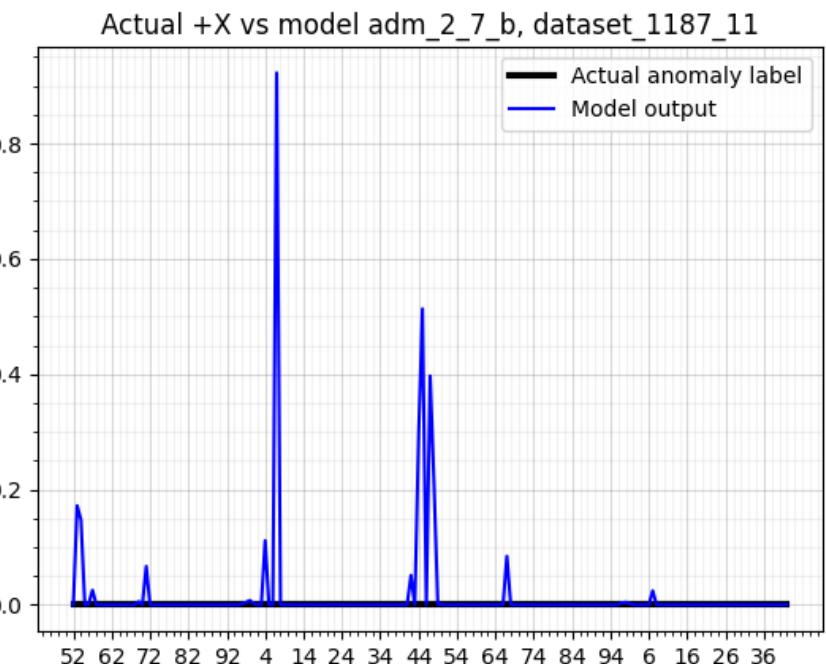
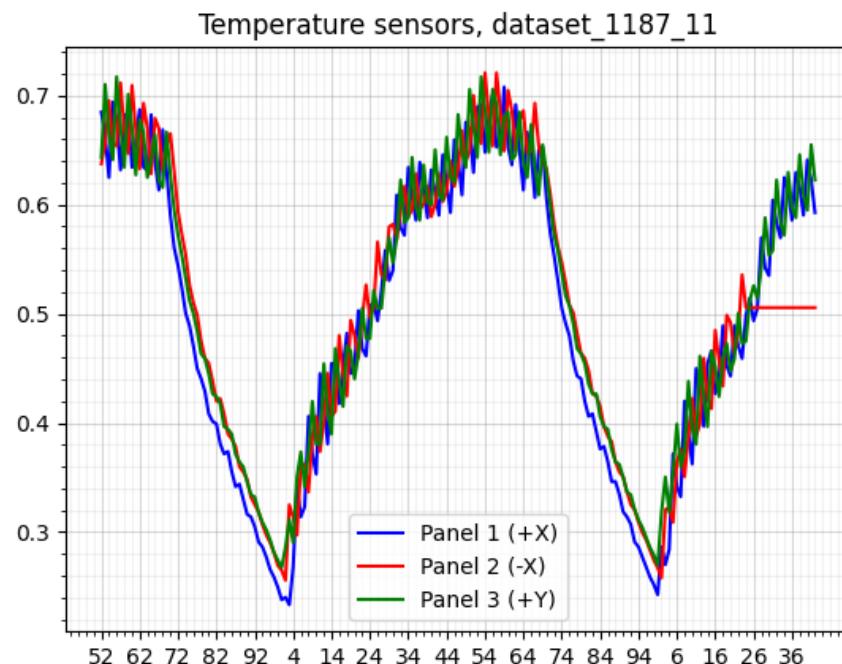


Figure 1: model inferences on dataset_1187_10_sens.png



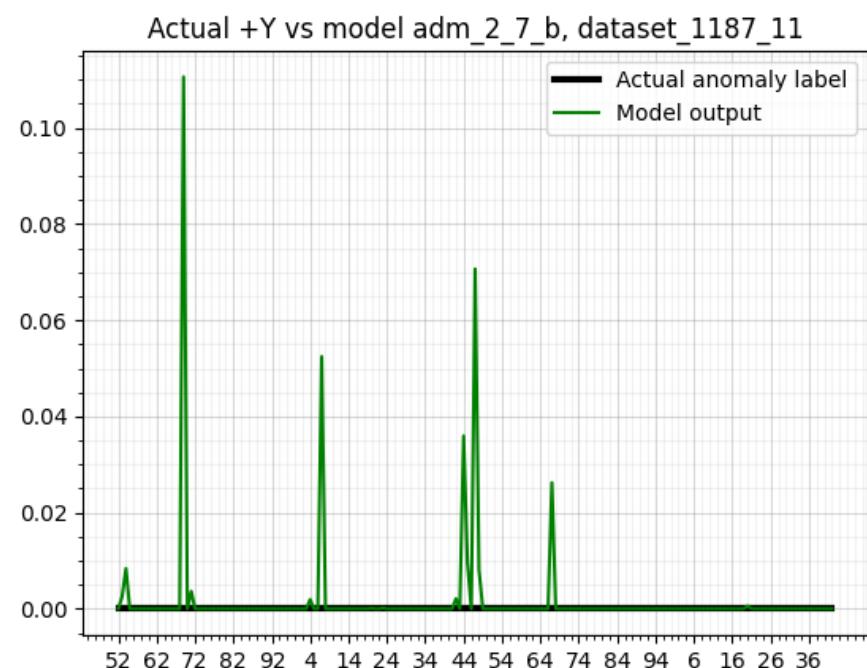
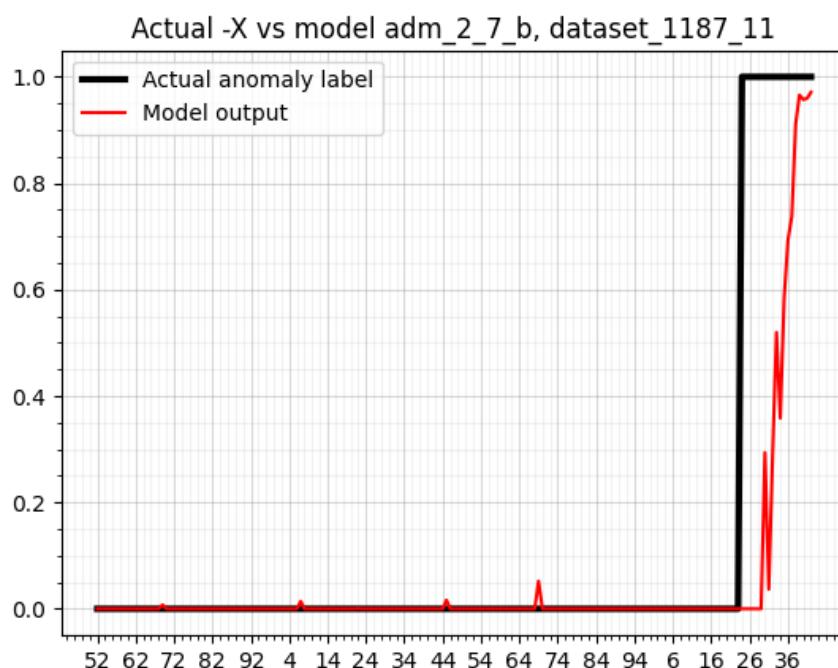
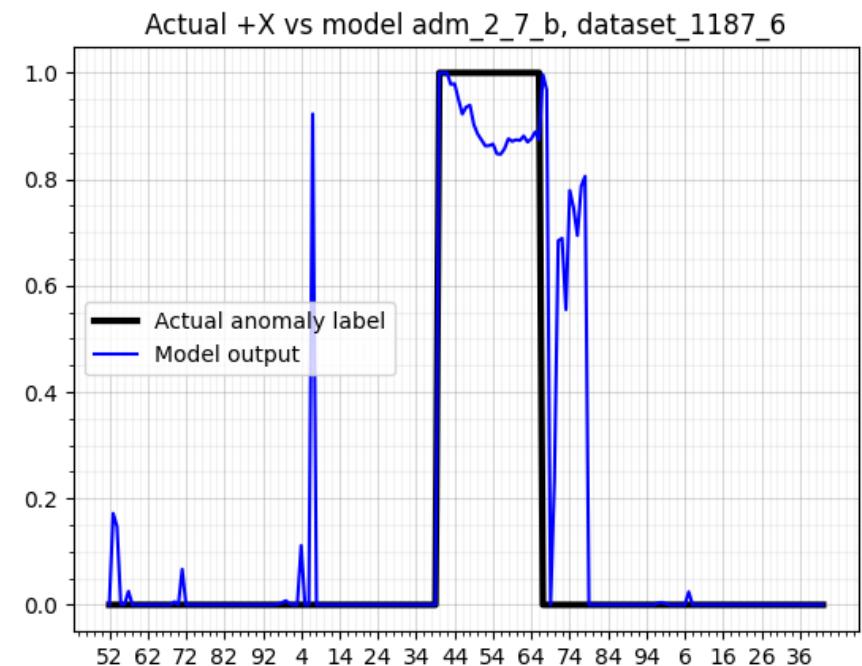
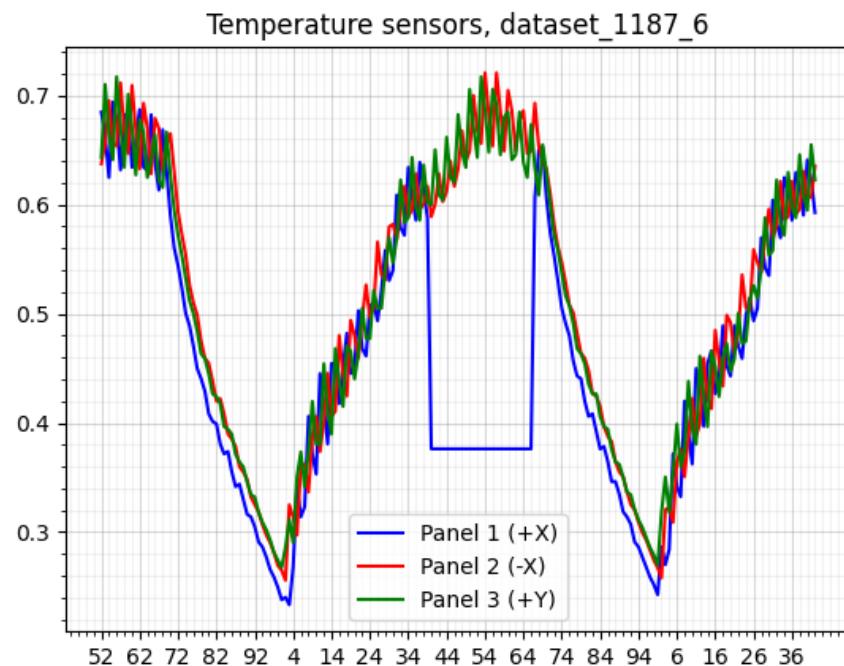


Figure 2: model inferences on dataset_1187_11_sens.png



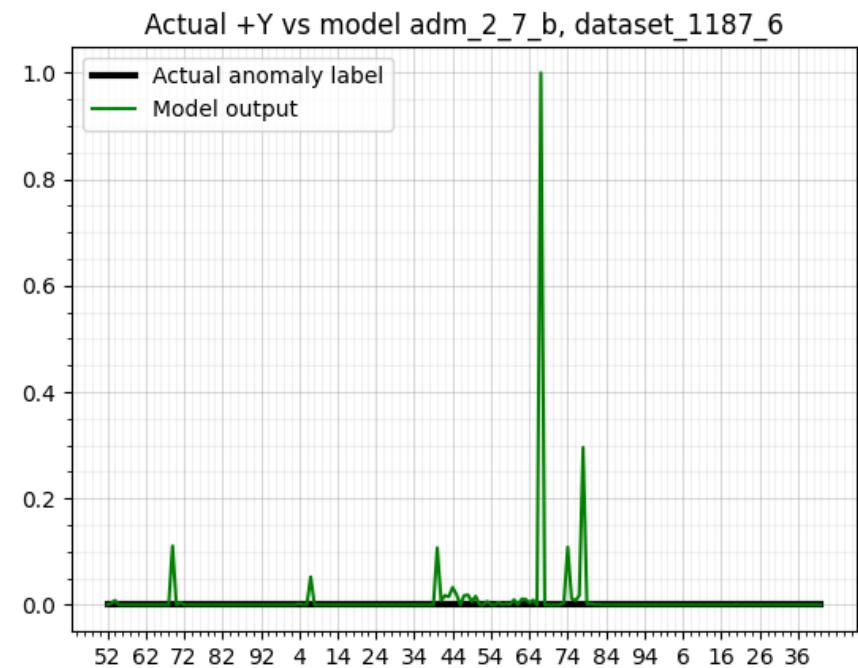
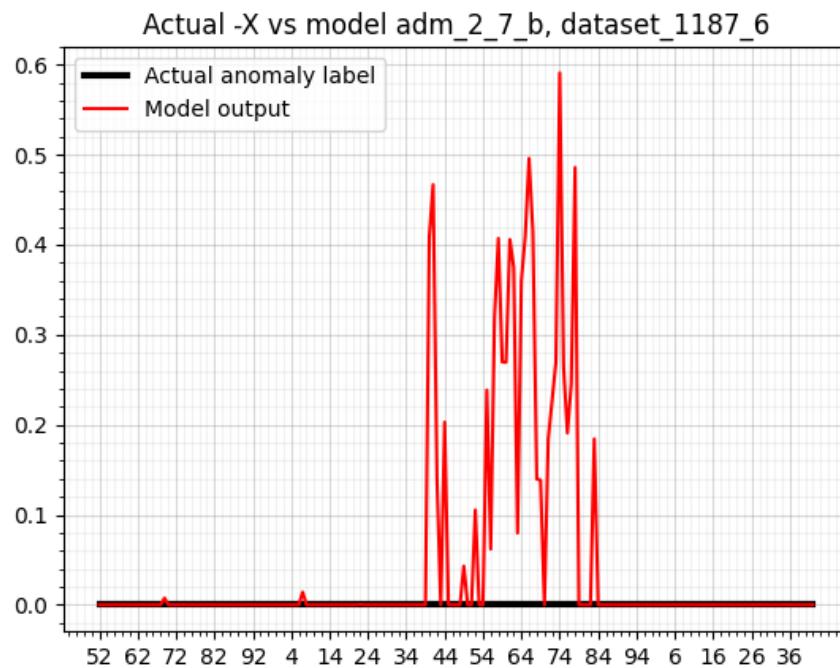
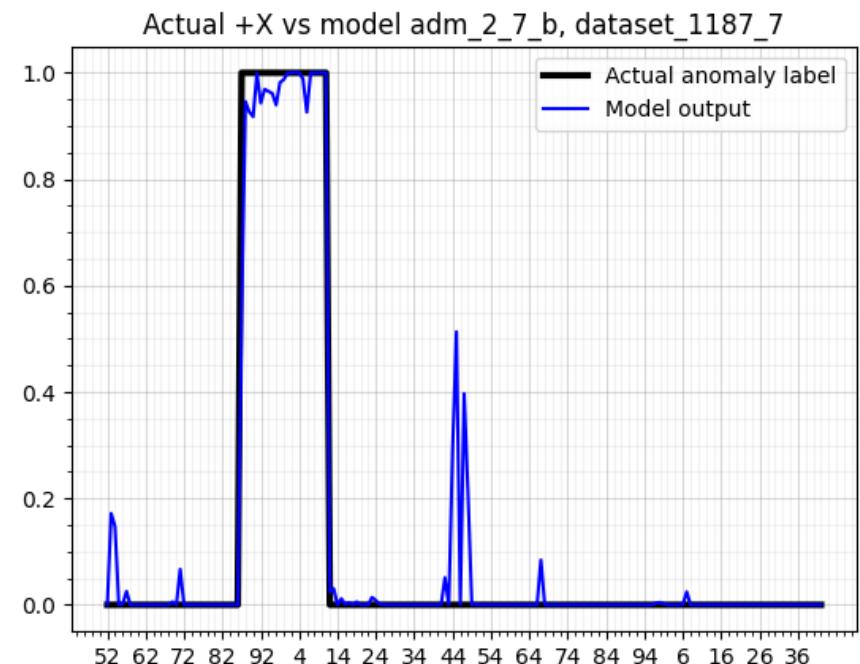
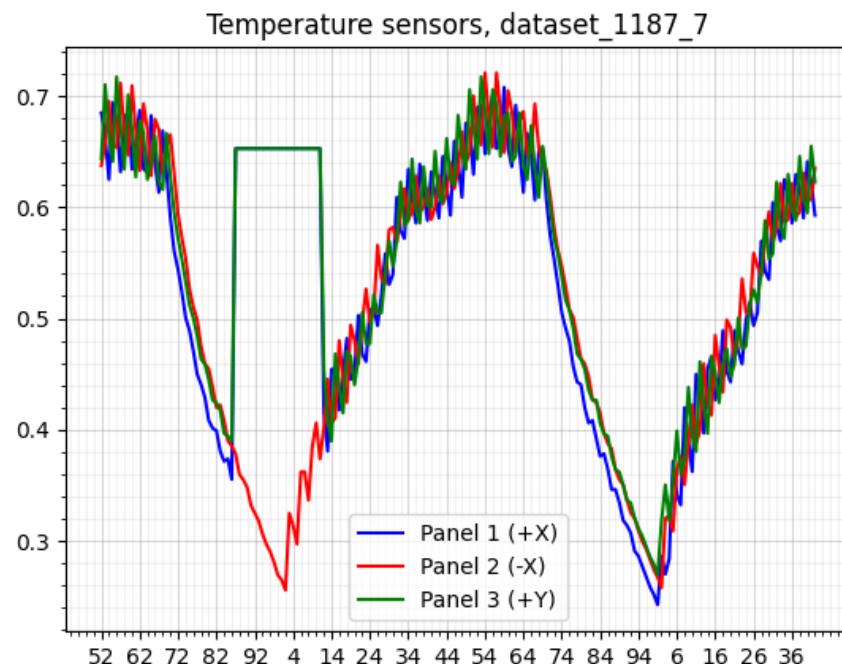


Figure 3: model inferences on dataset_1187_6_sens.png



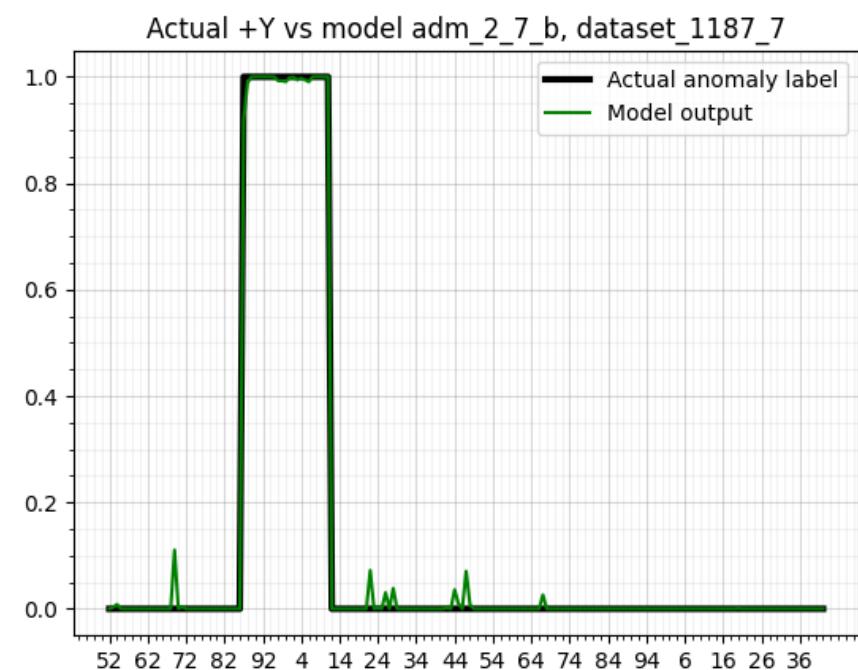
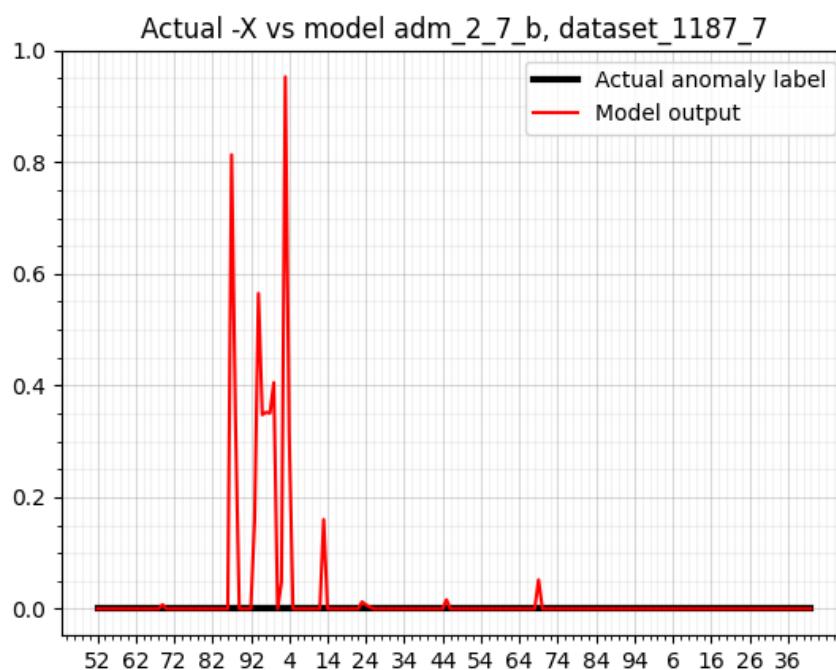
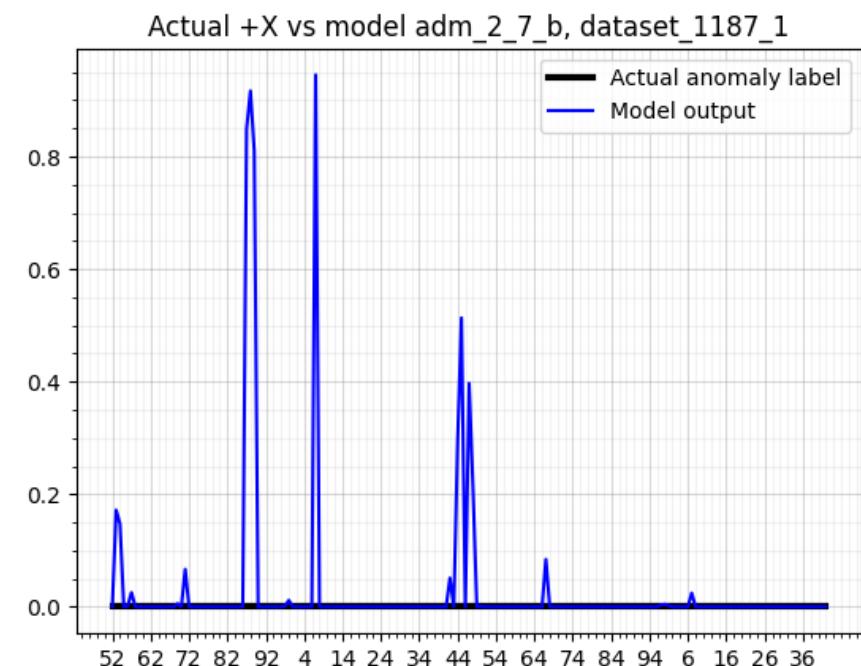
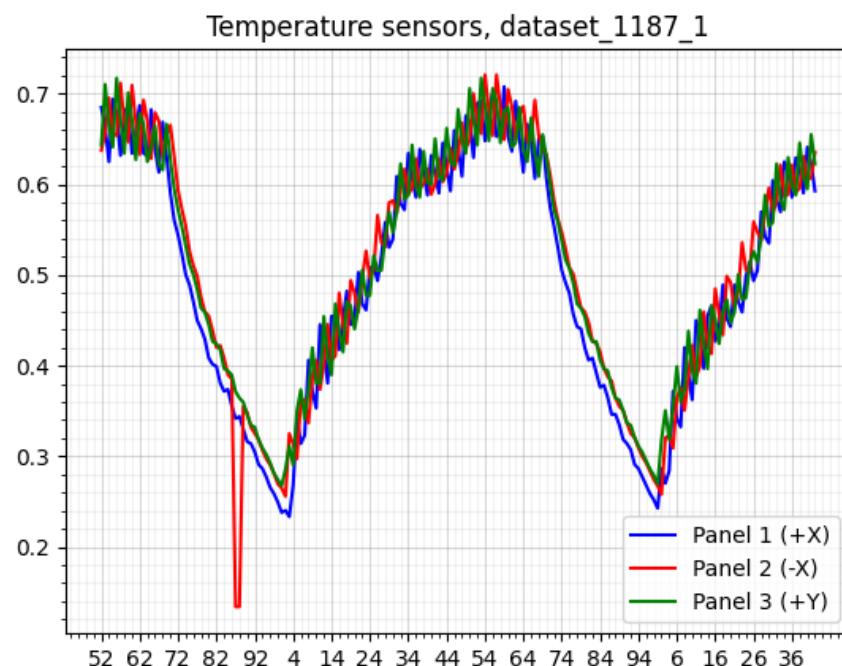


Figure 4: model inferences on dataset_1187_7_sens.png



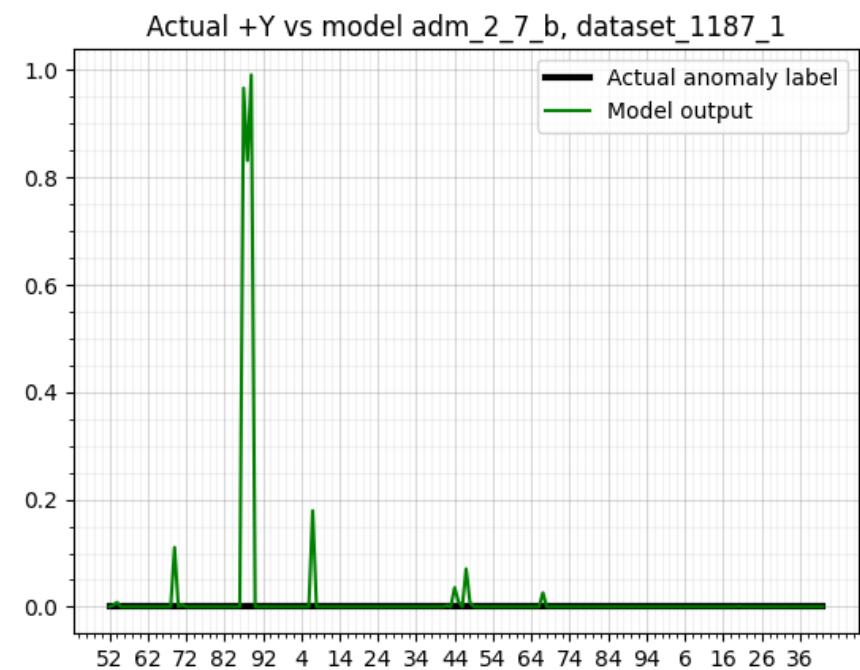
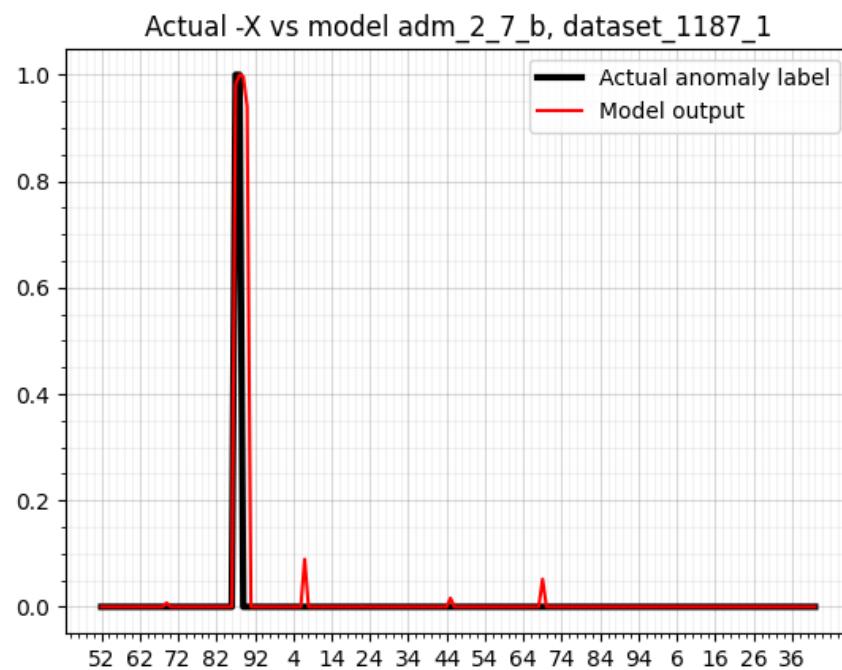
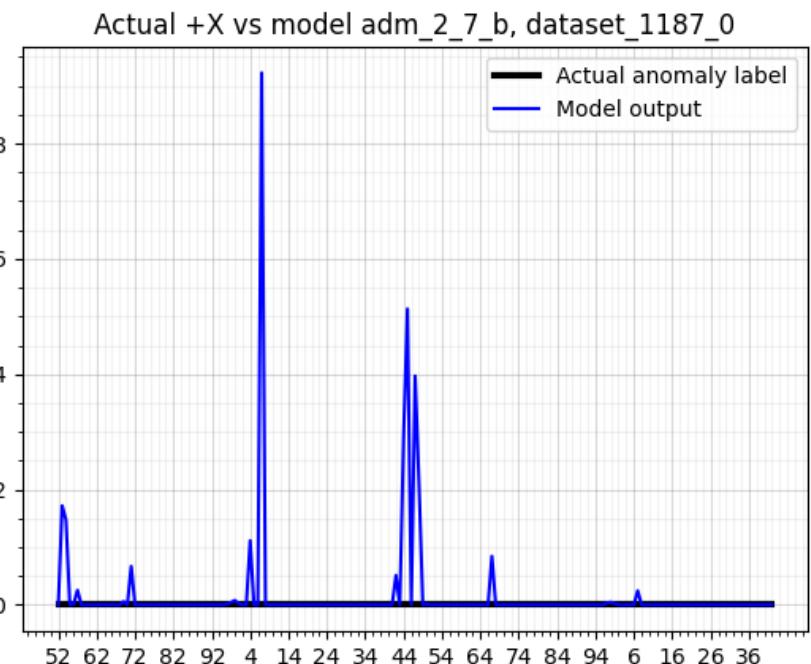
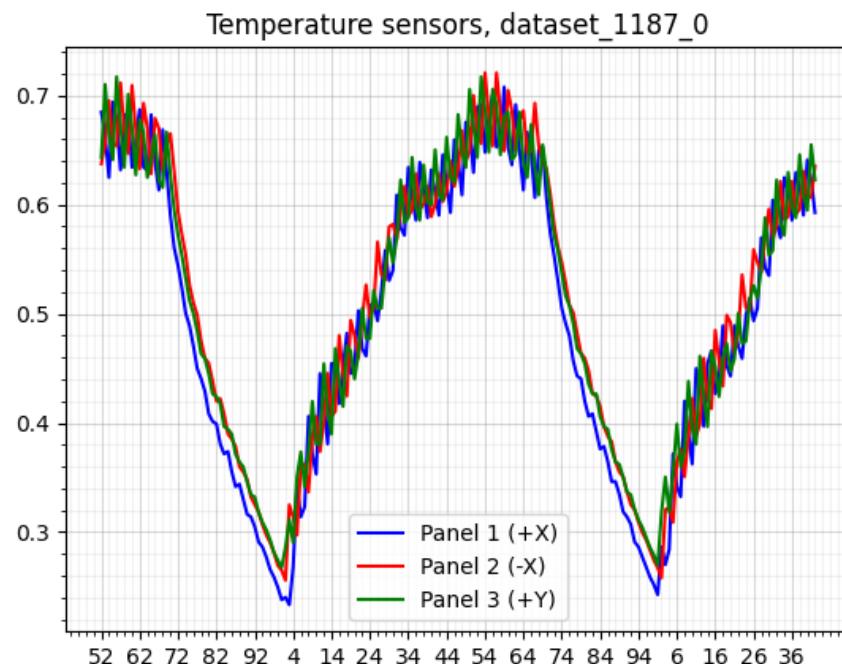


Figure 5: model inferences on dataset_1187_1_sens.png



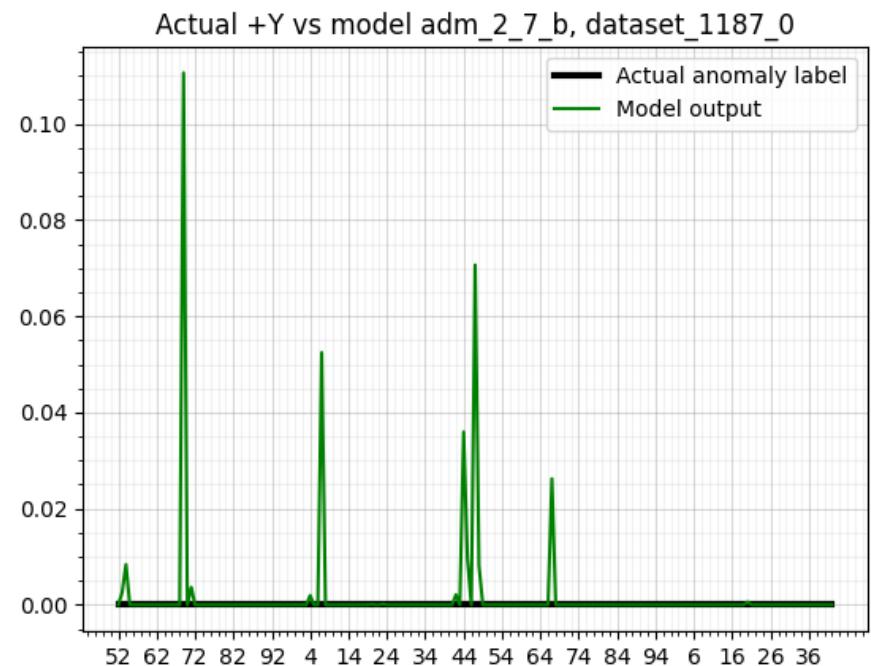
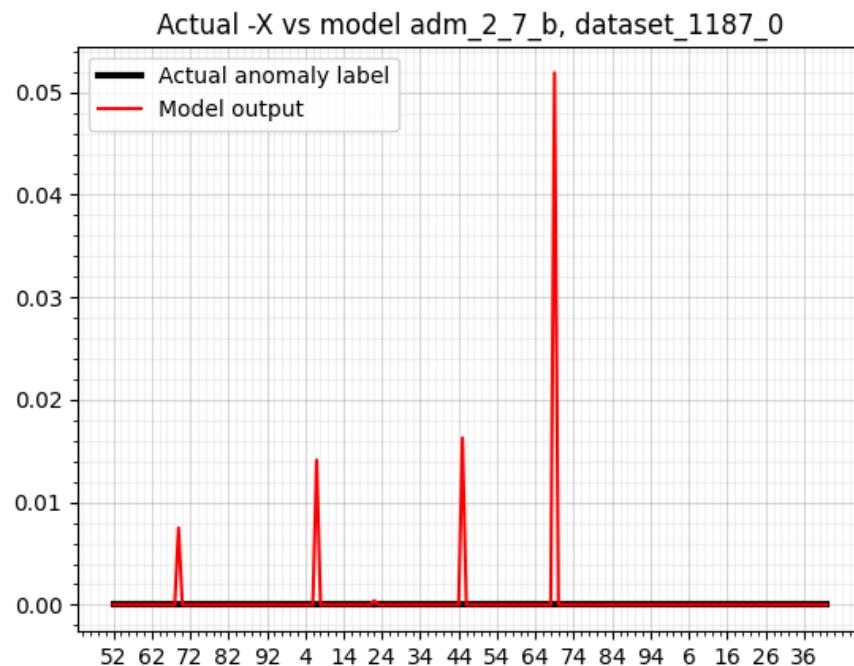
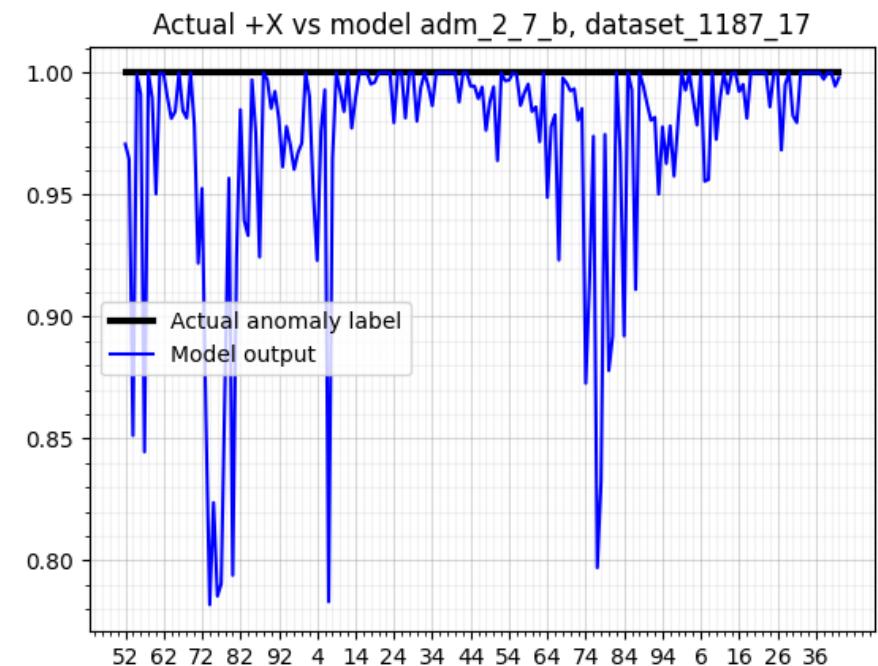
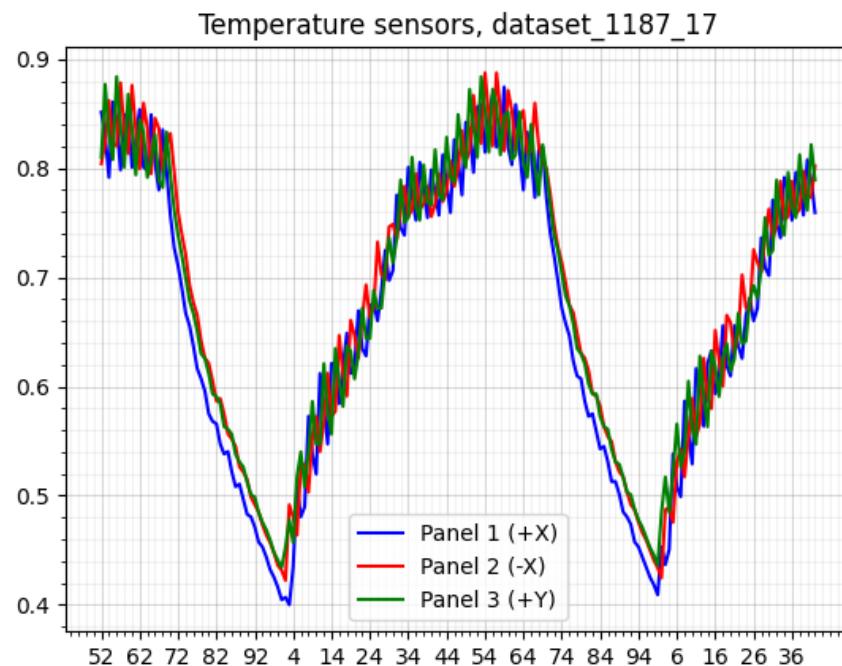


Figure 6: model inferences on dataset_1187_0_sens.png



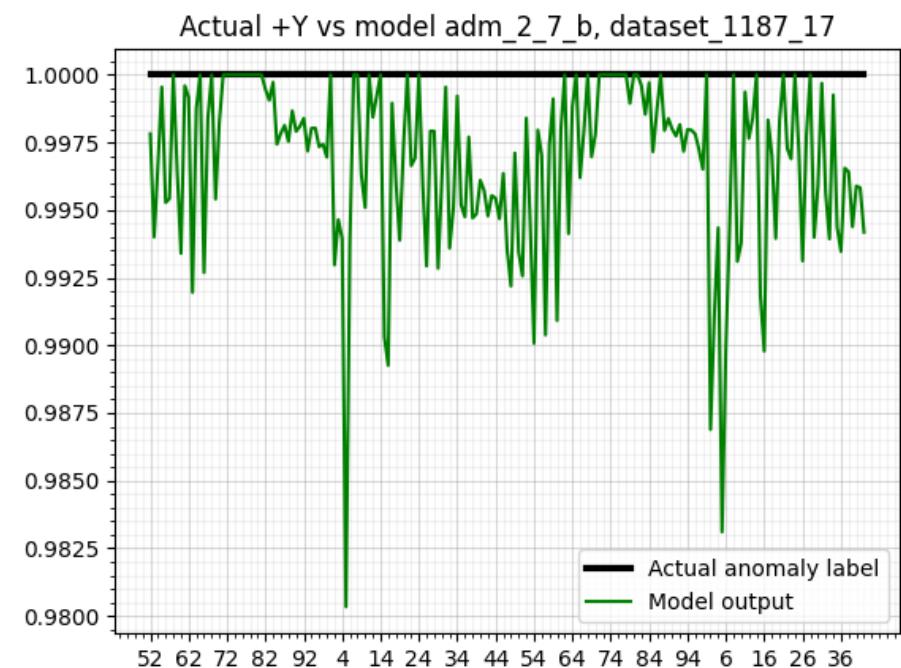
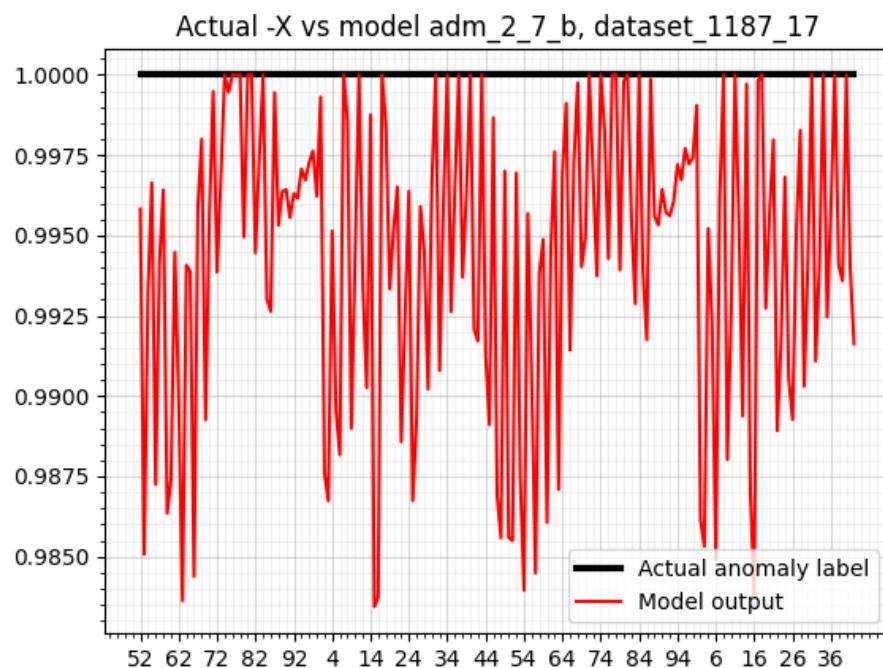
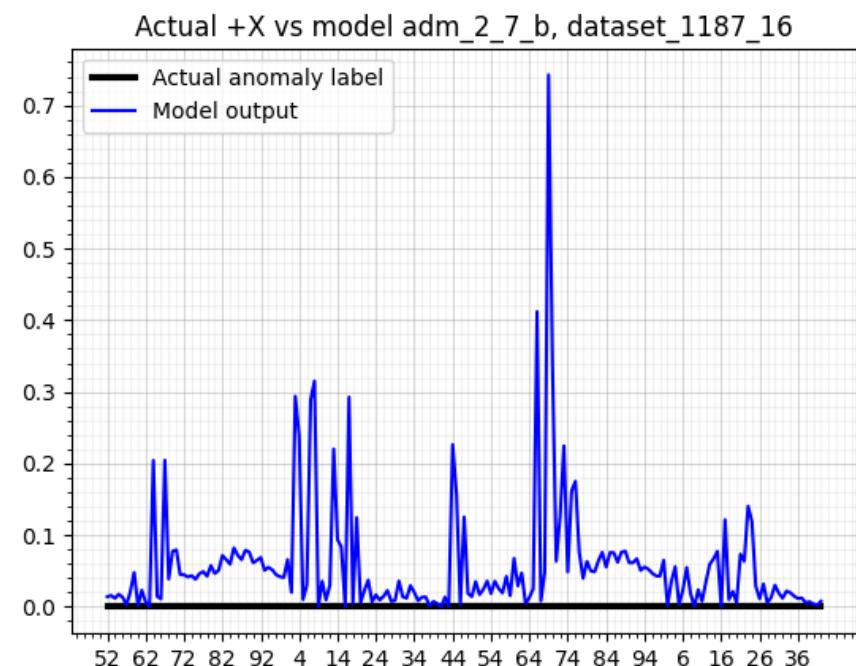
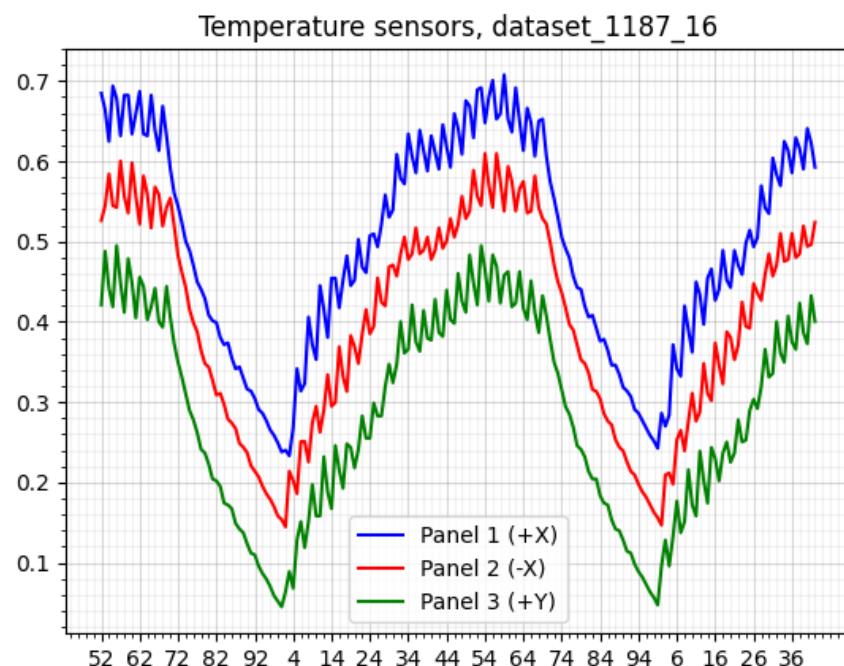


Figure 7: model inferences on dataset_1187_17_sens.png



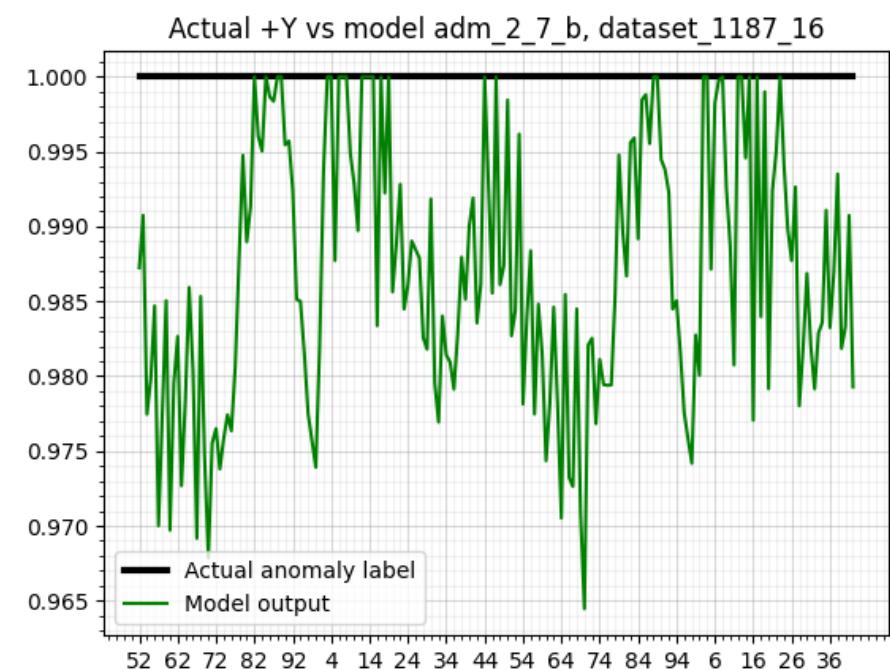
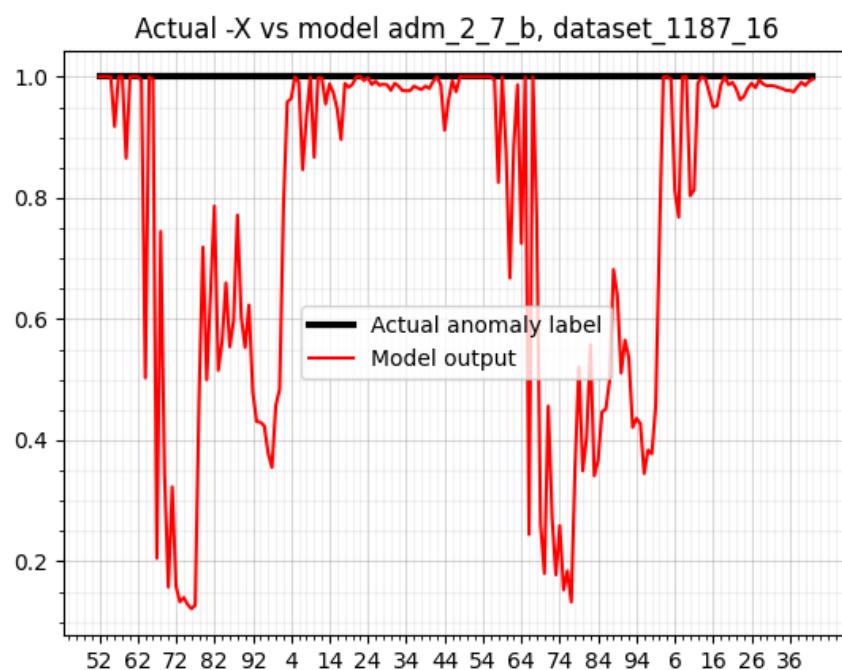
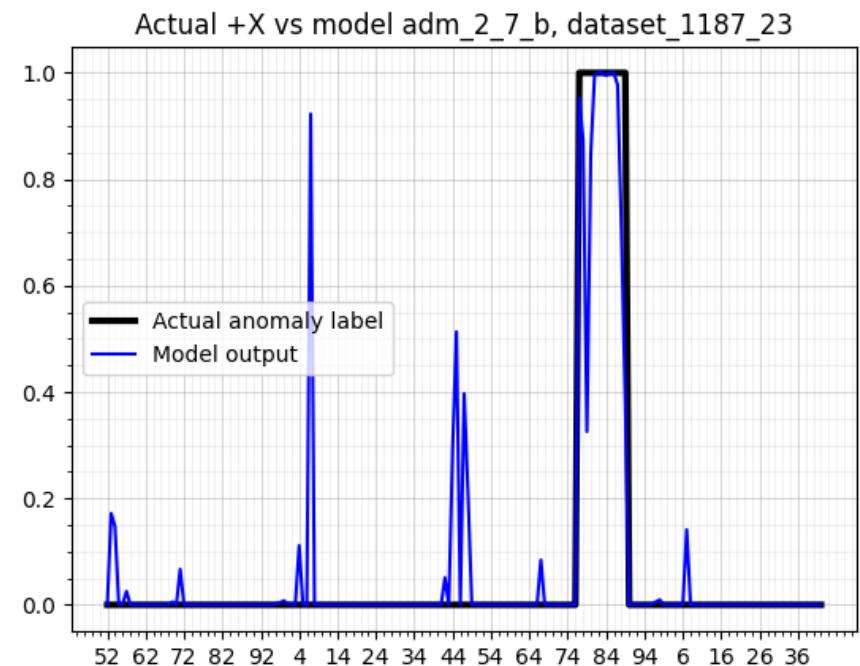
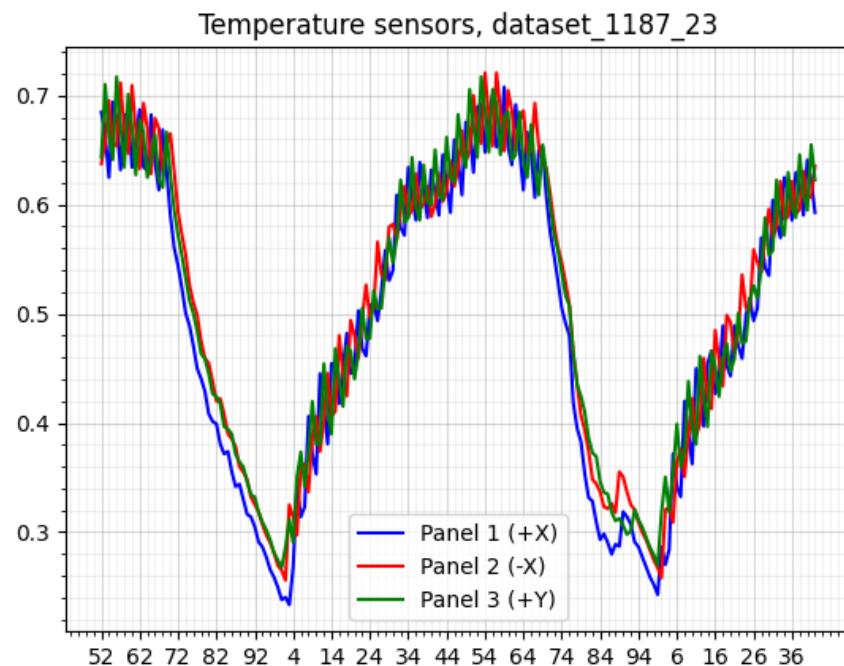


Figure 8: model inferences on dataset_1187_16_sens.png



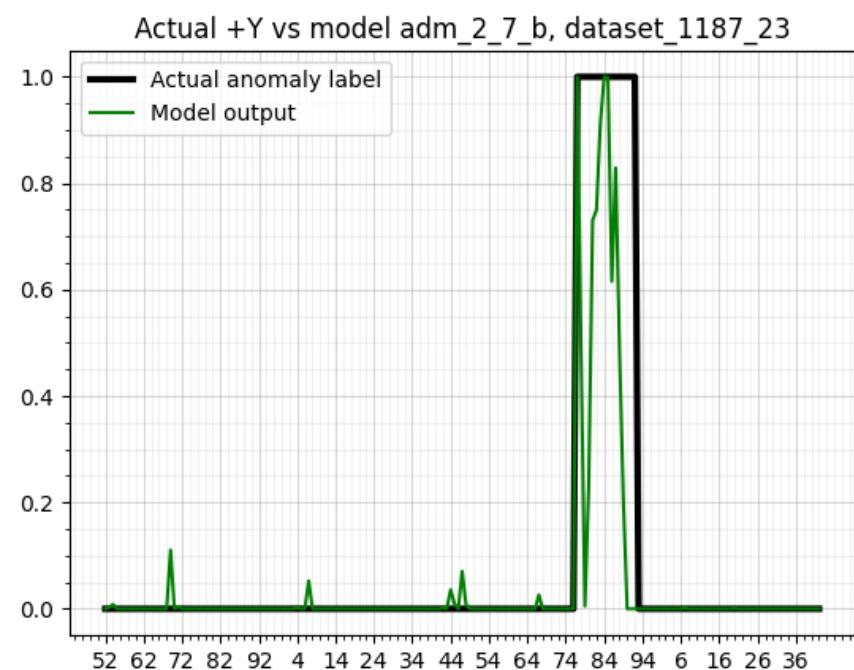
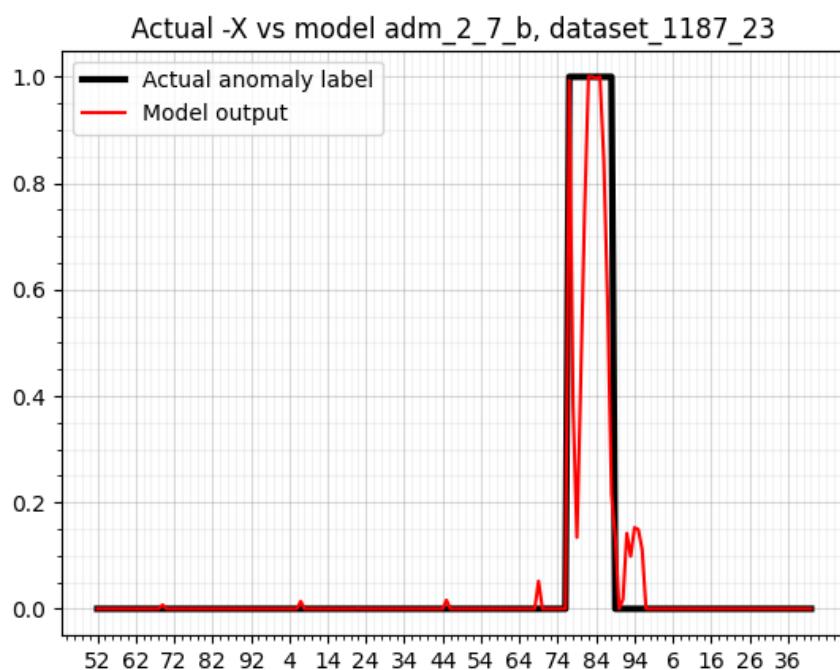
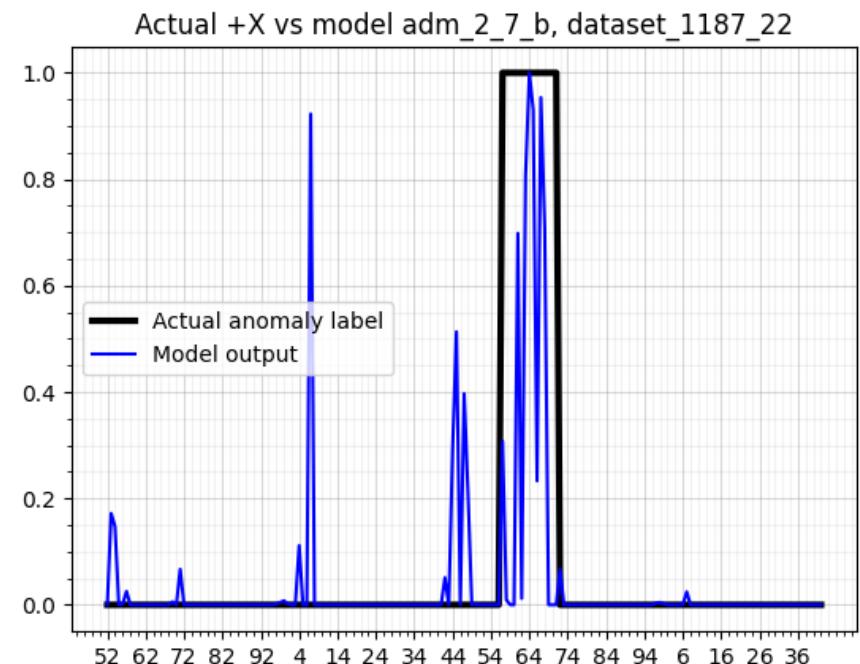
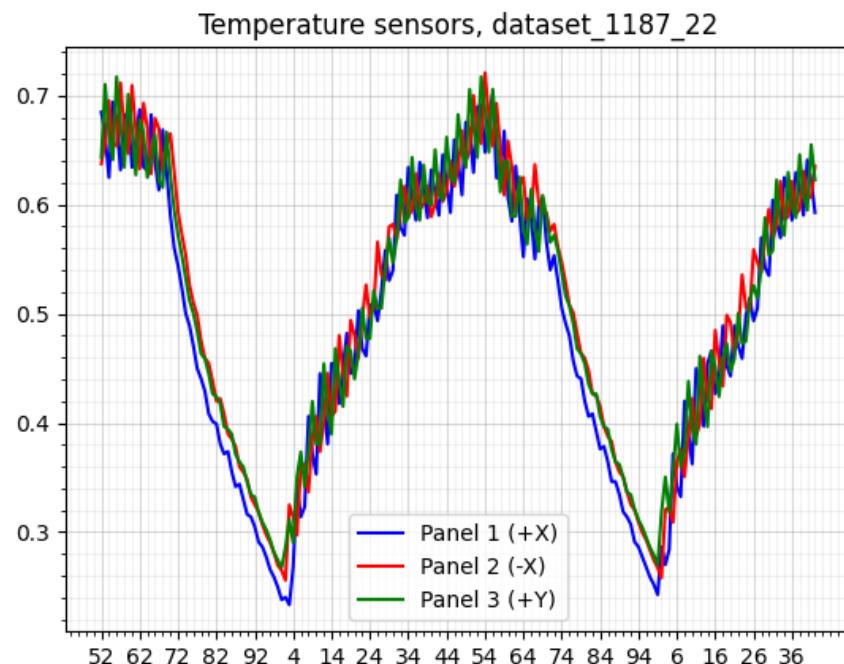


Figure 9: model inferences on dataset_1187_23_sens.png



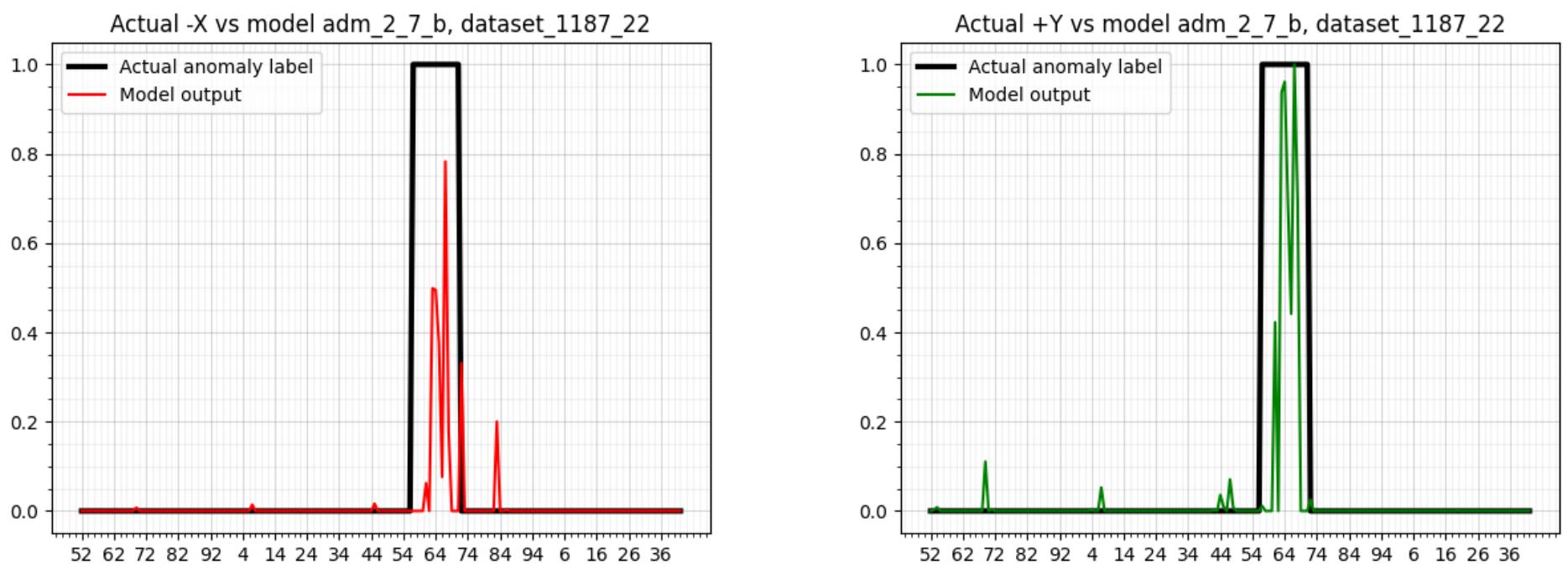
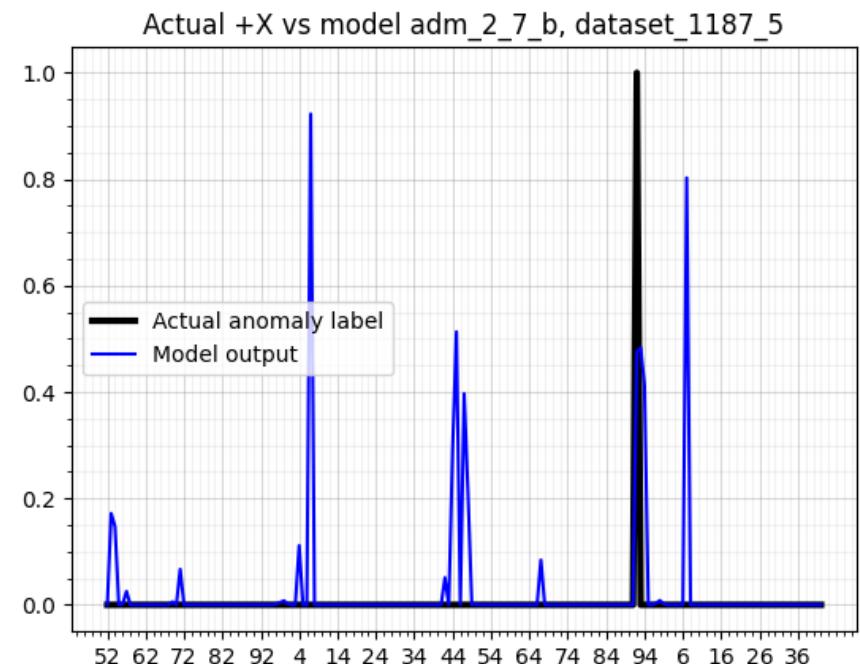
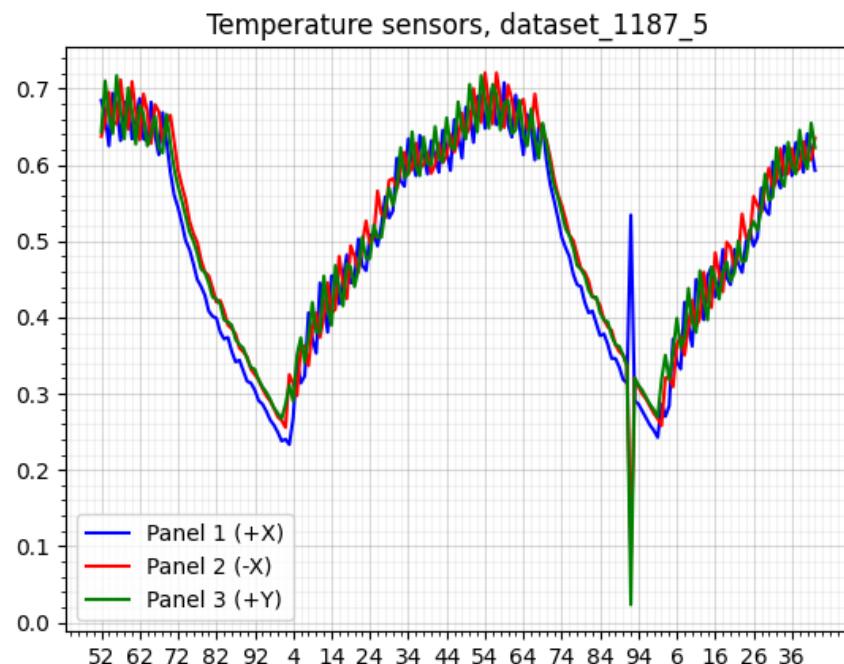


Figure 10: model inferences on dataset_1187_22_sens.png



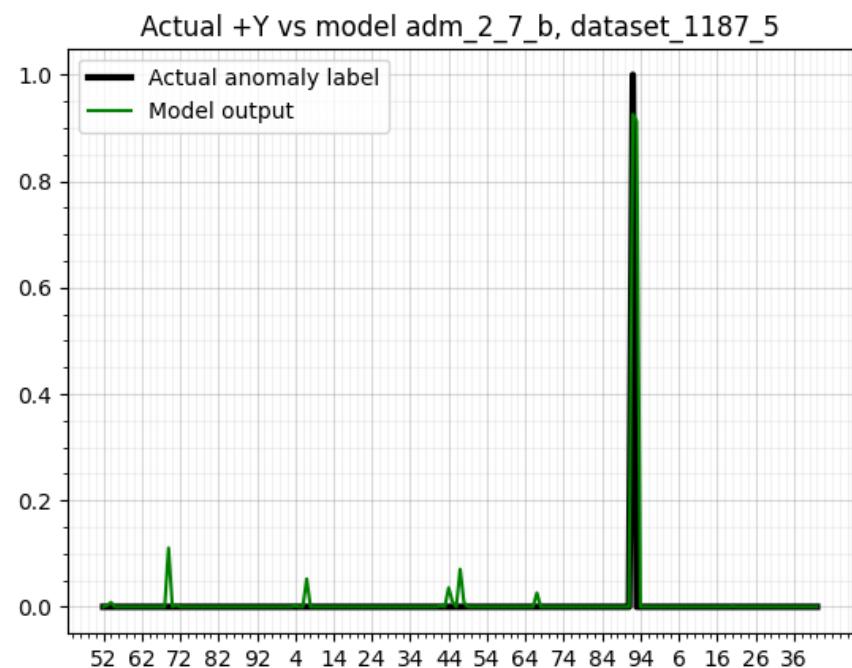
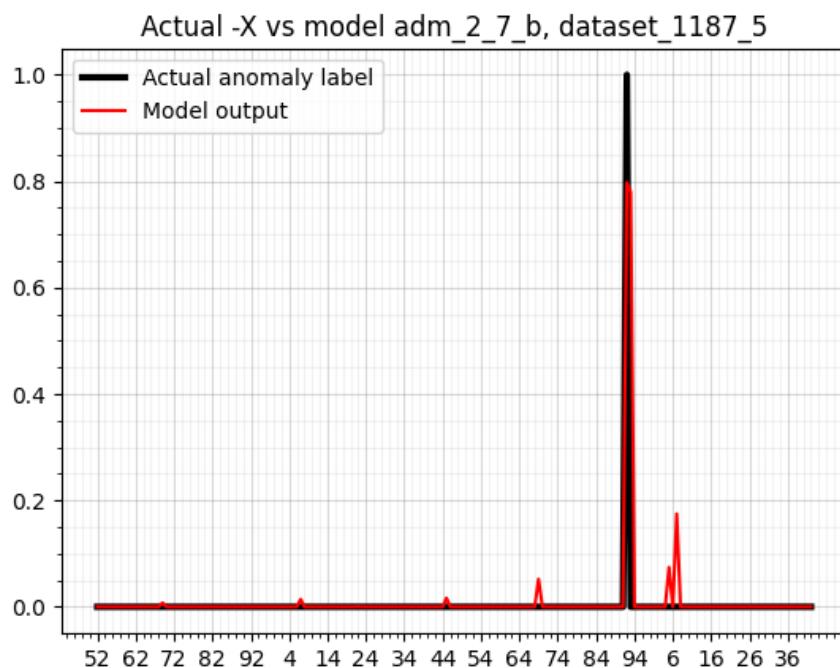
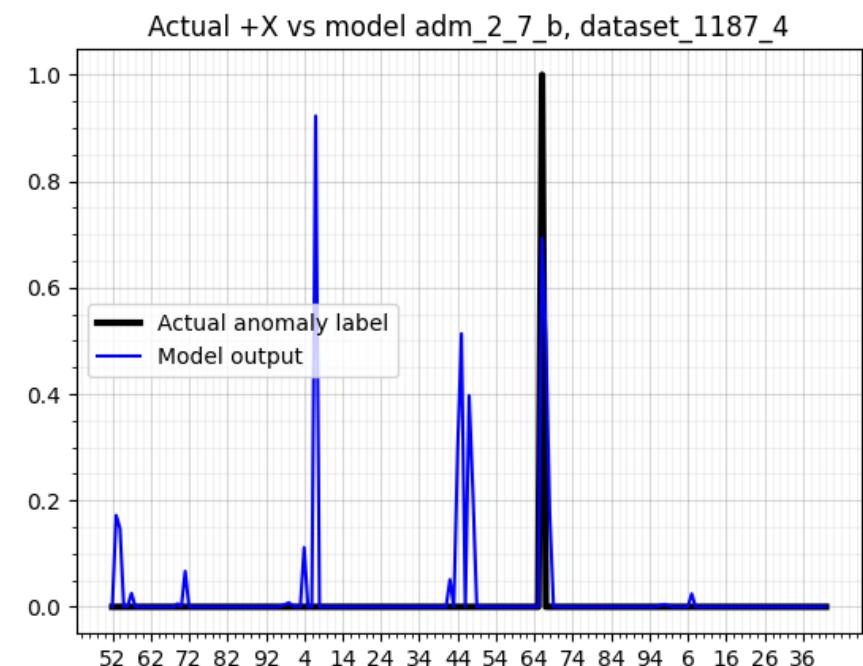
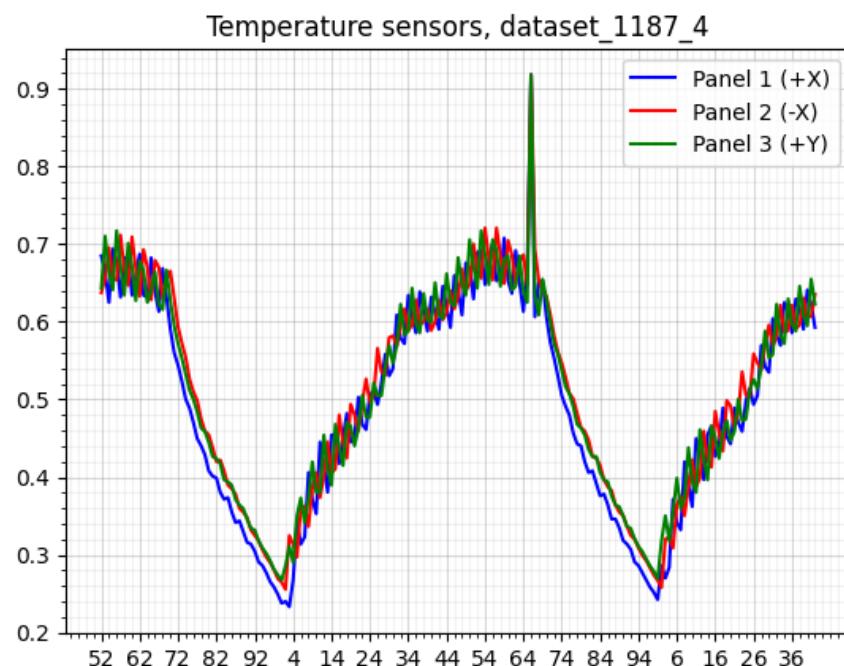


Figure 11: model inferences on dataset_1187_5_sens.png



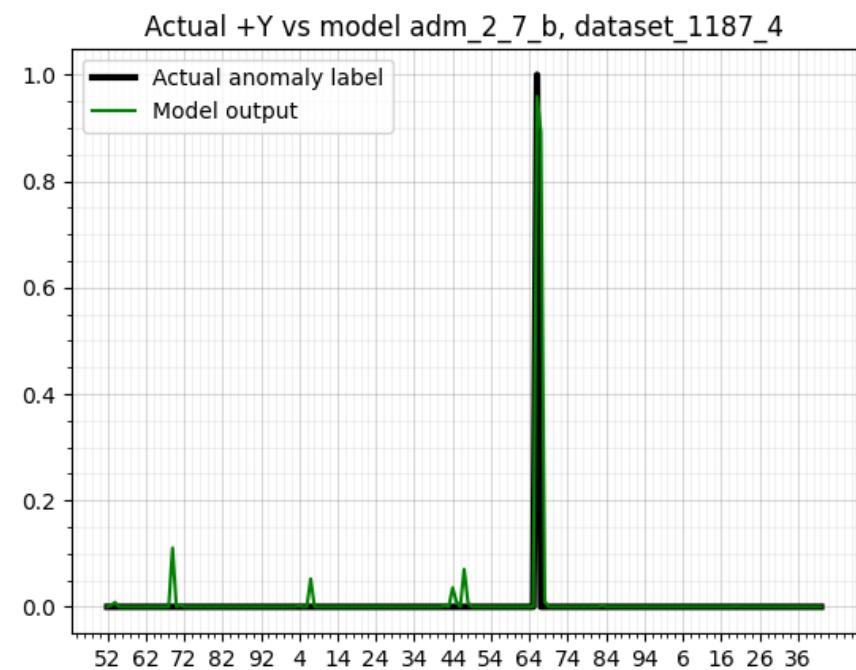
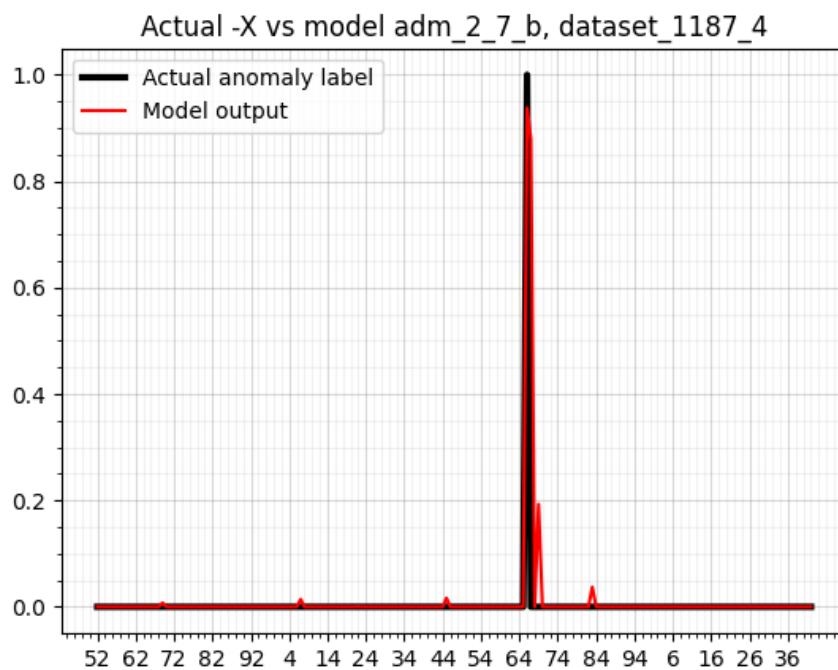
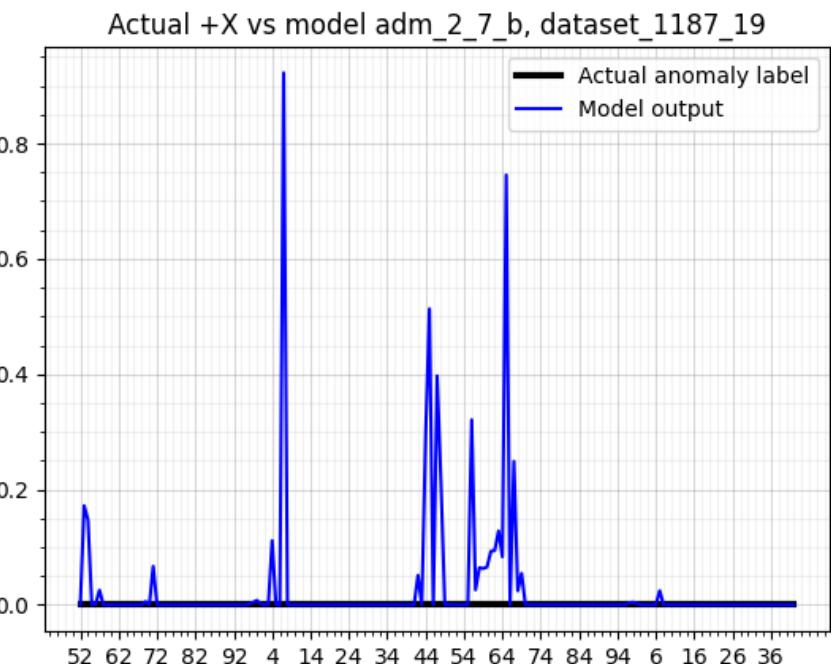
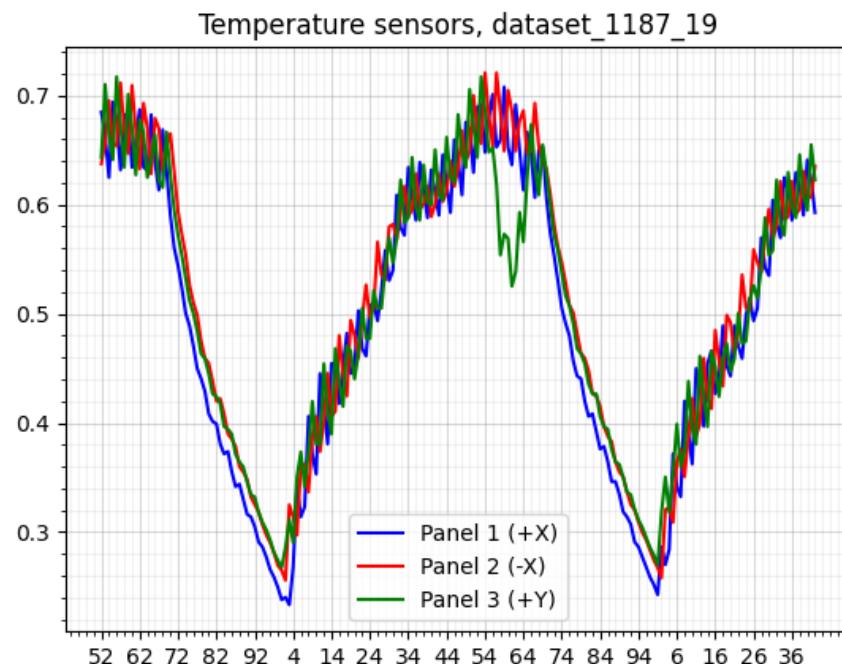


Figure 12: model inferences on dataset_1187_4_sens.png



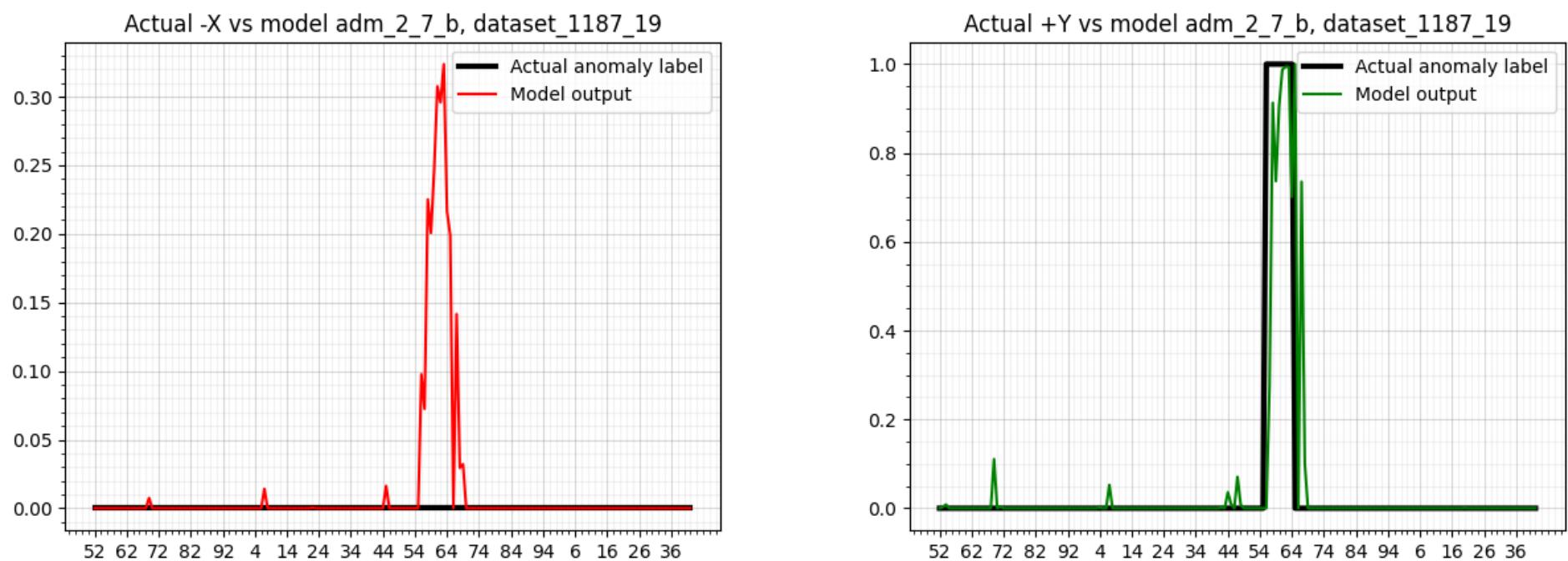
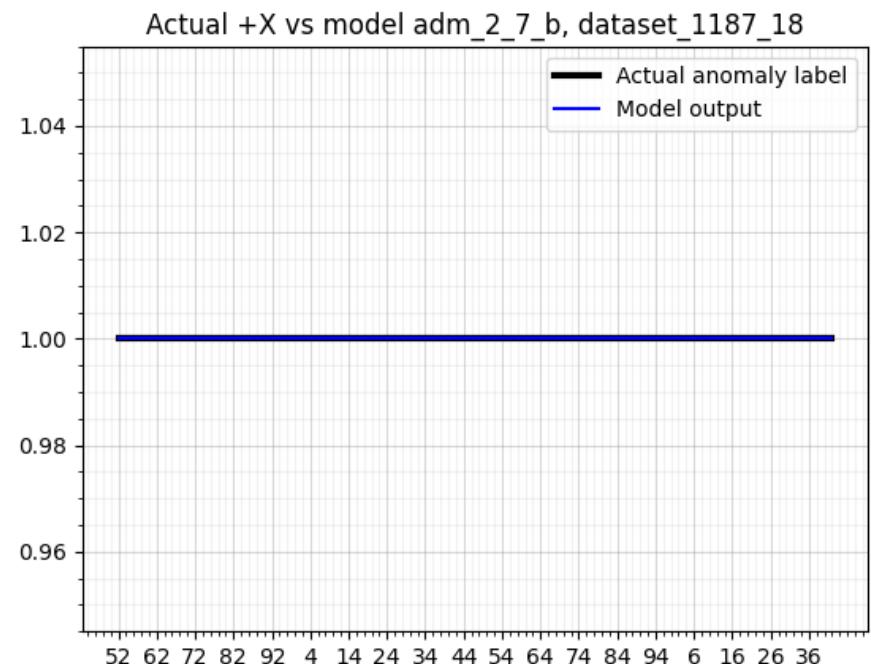
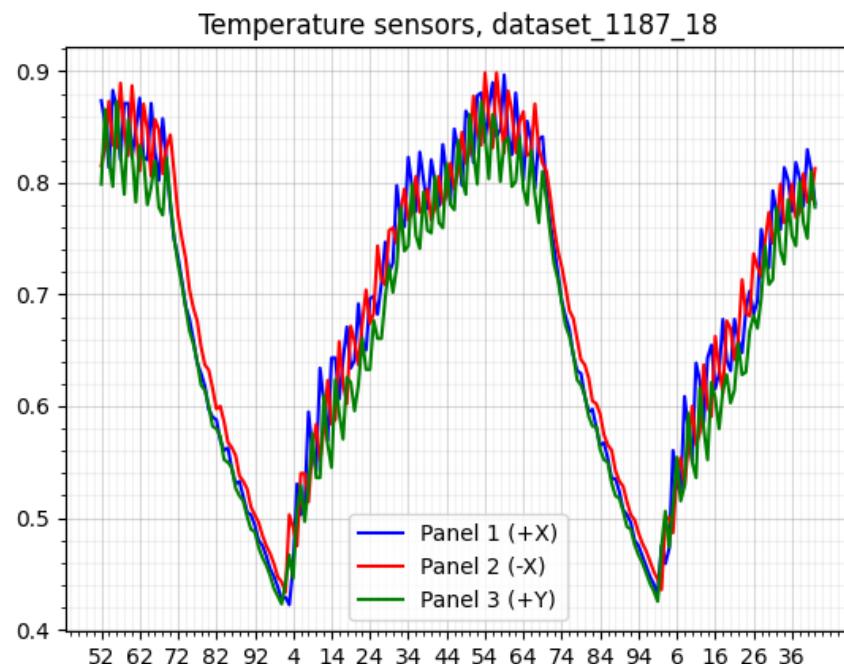


Figure 13: model inferences on dataset_1187_19_sens.png



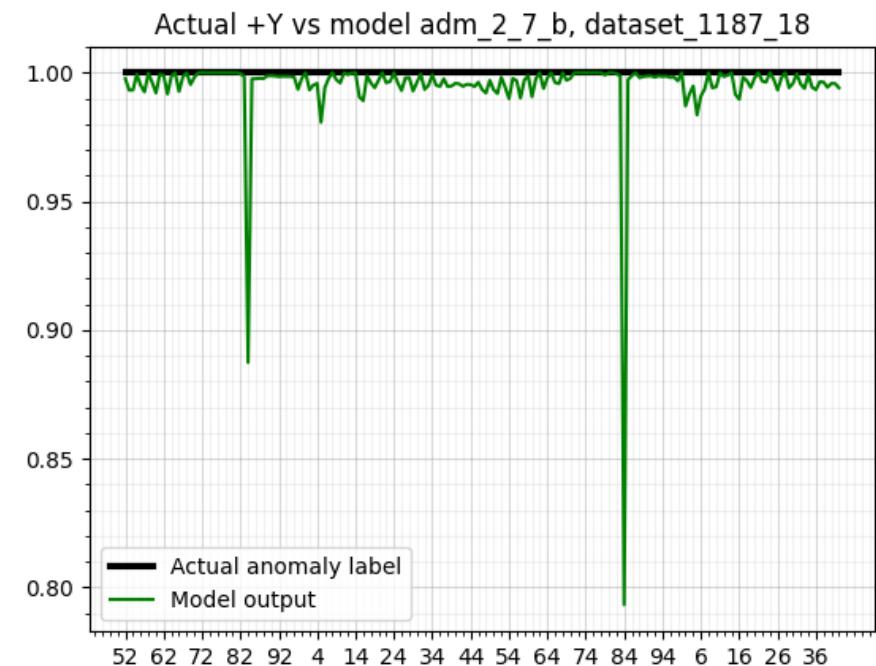
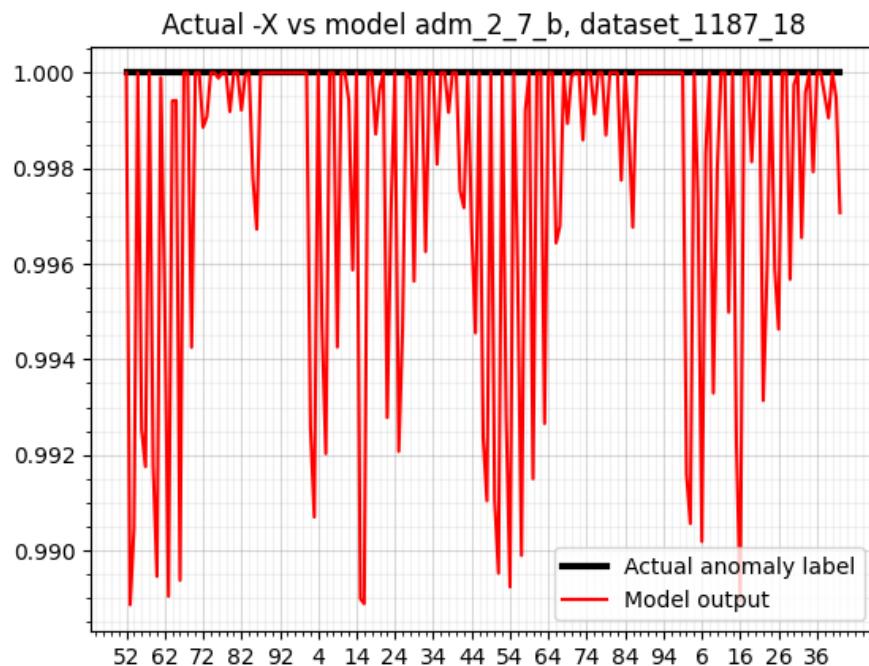
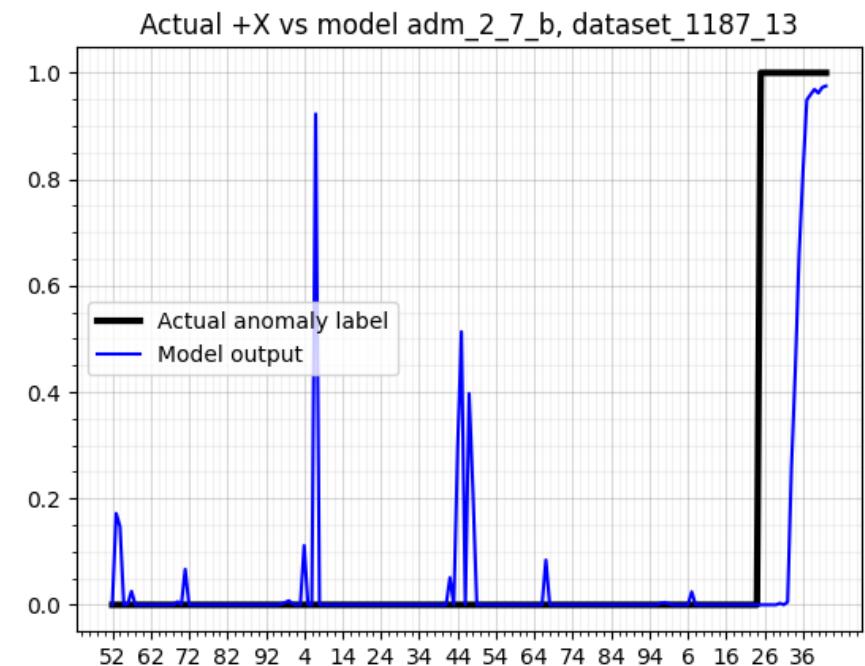
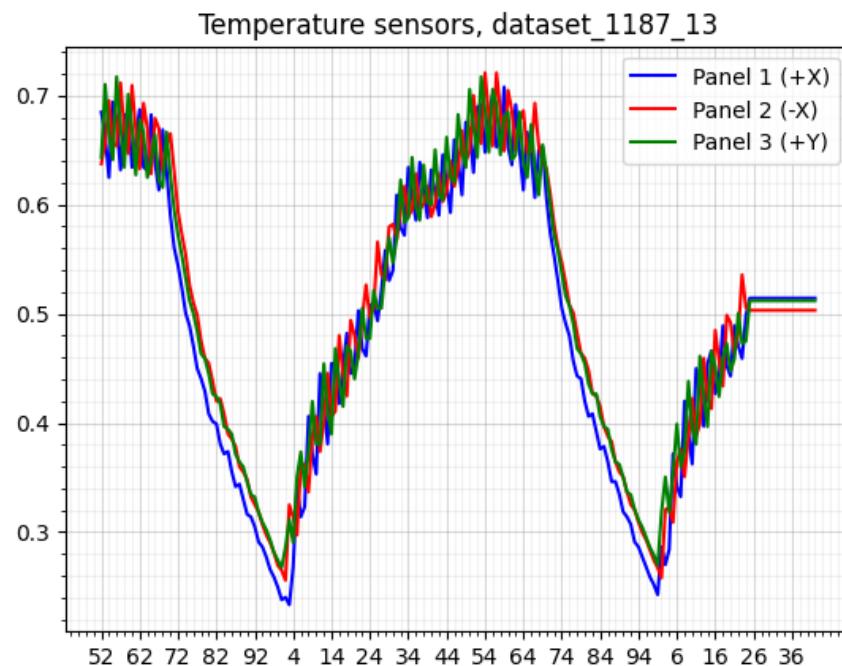


Figure 14: model inferences on dataset_1187_18_sens.png



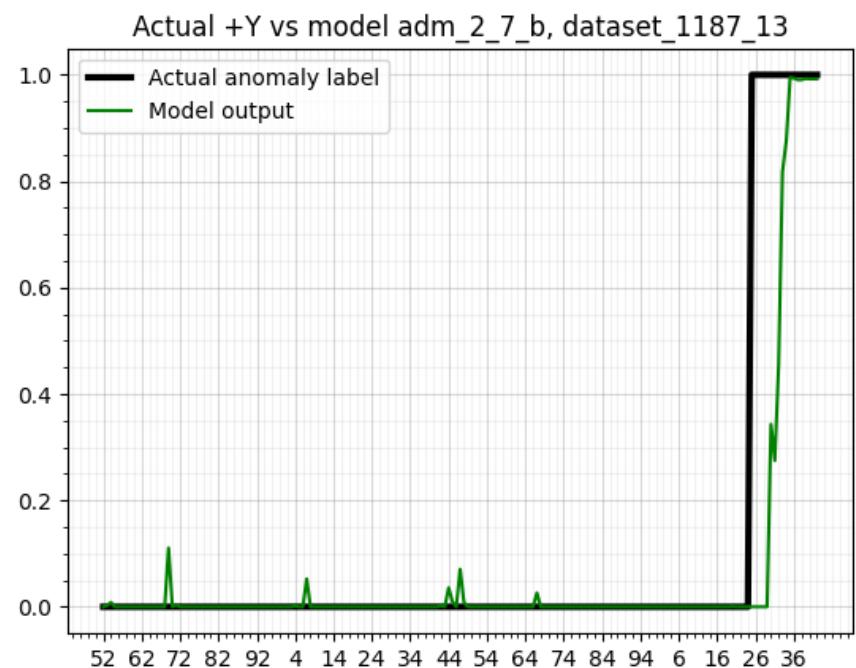
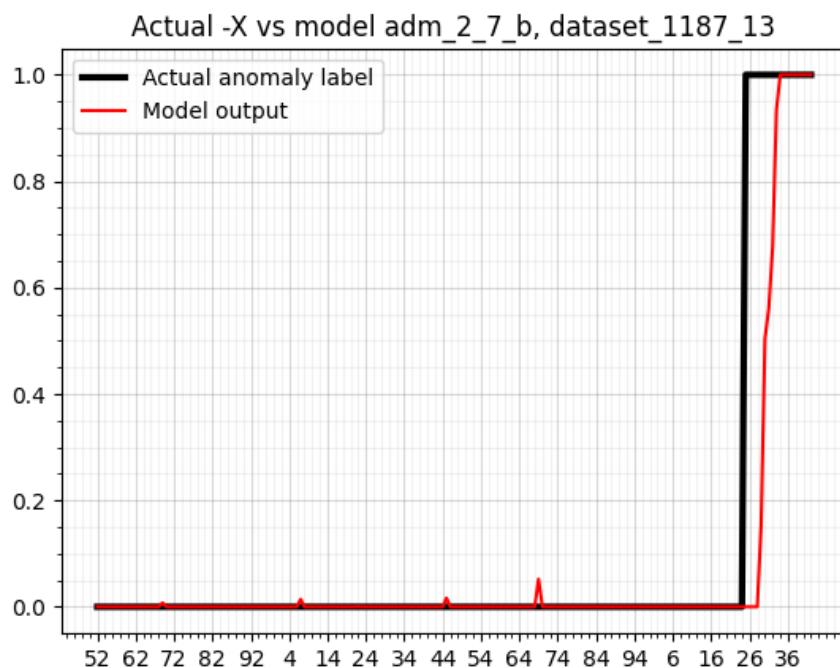
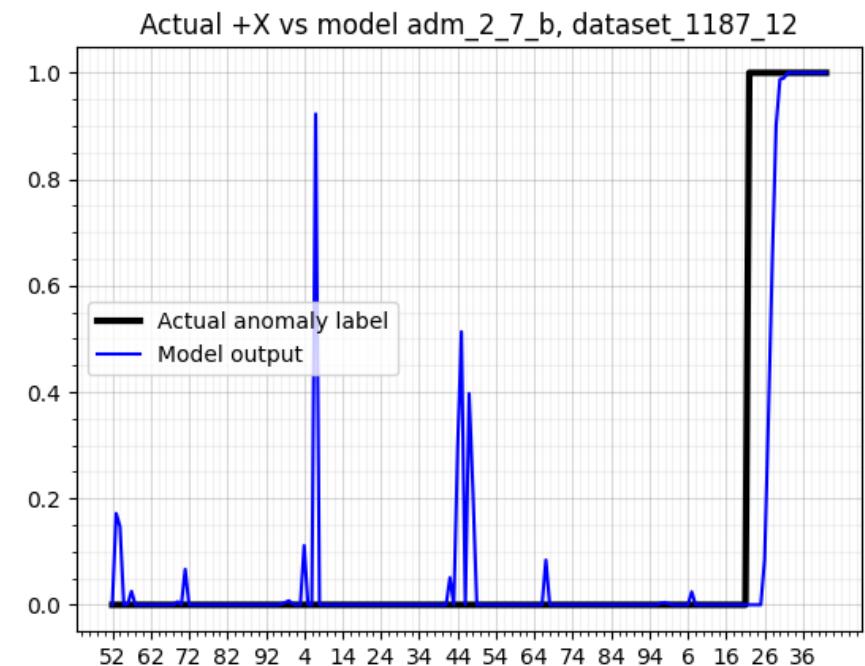
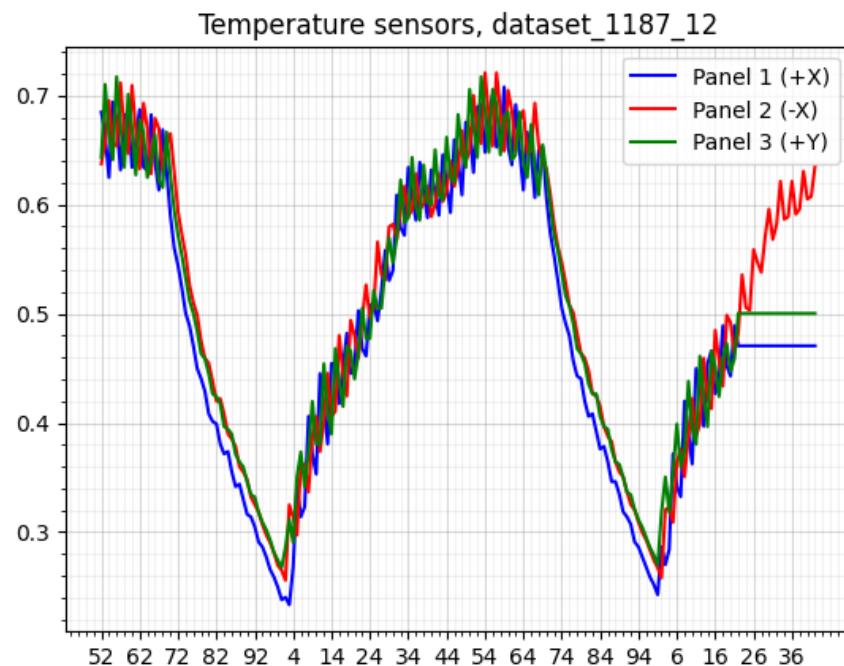


Figure 15: model inferences on dataset_1187_13_sens.png



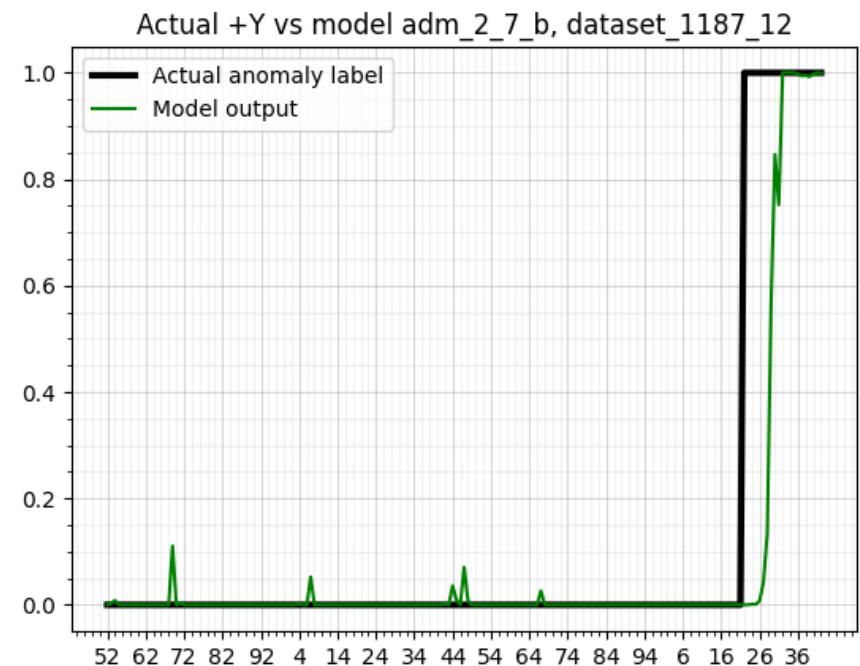
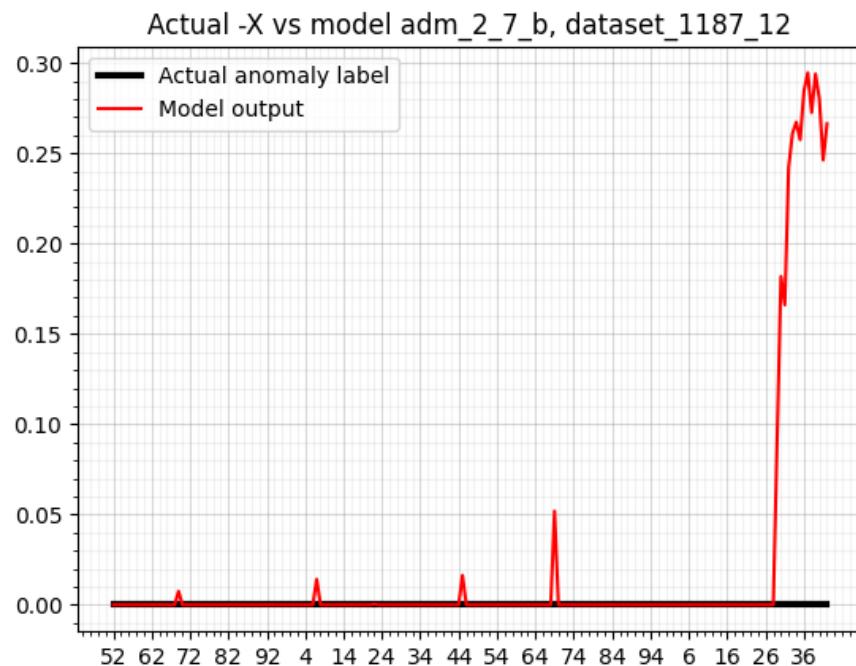
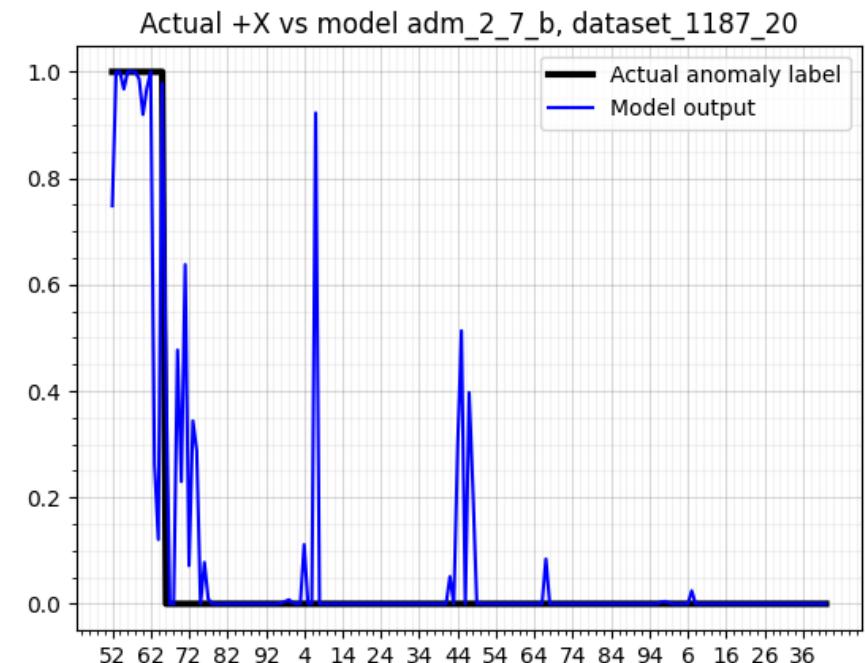
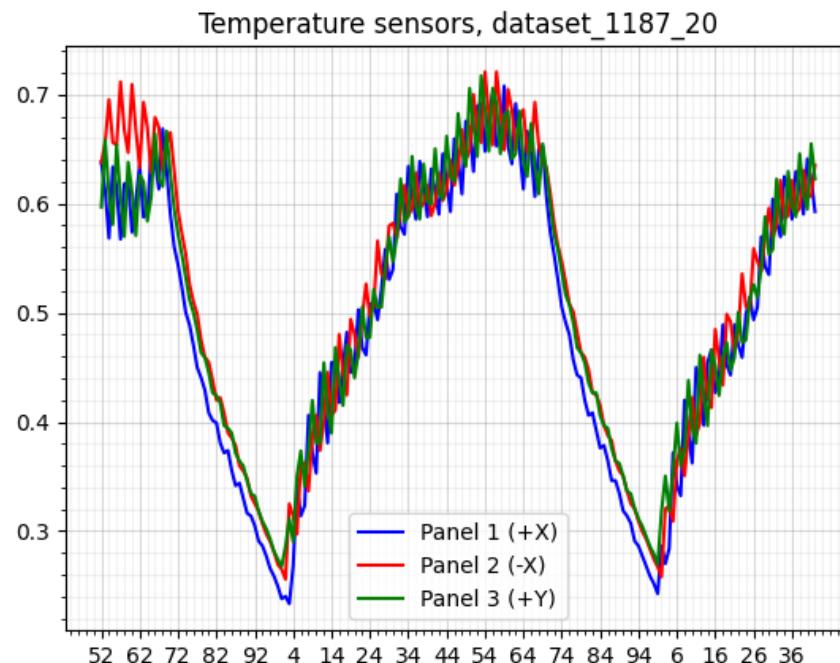


Figure 16: model inferences on dataset_1187_12_sens.png



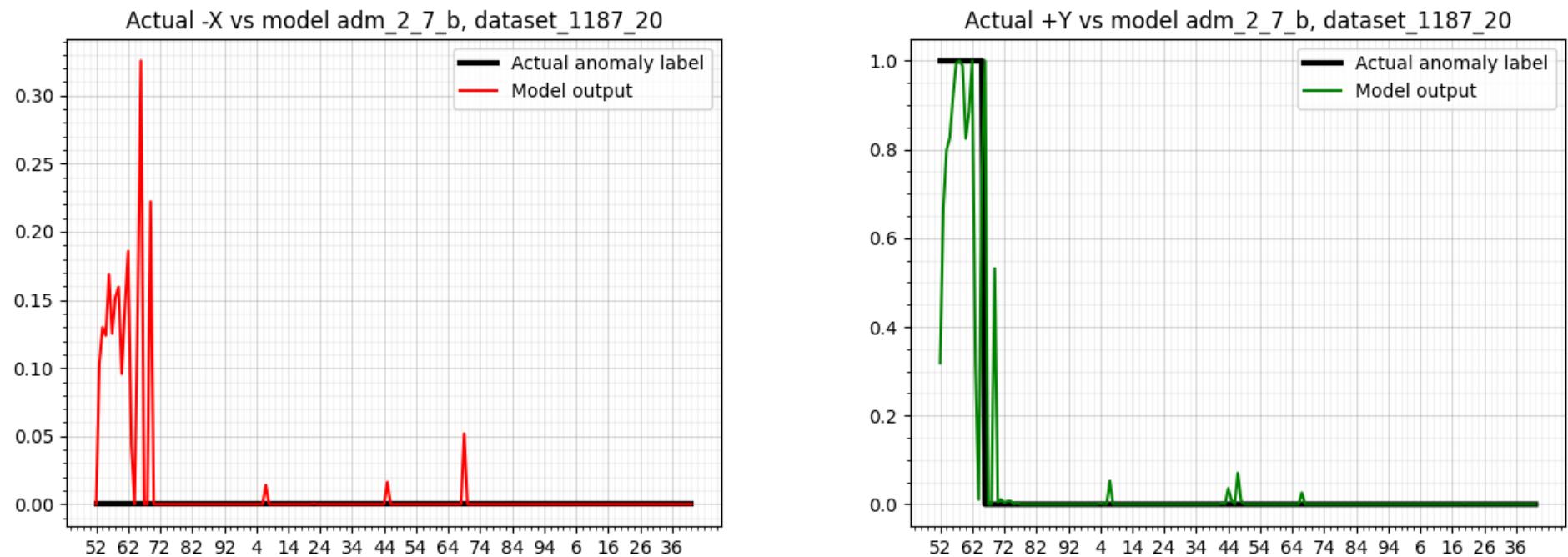
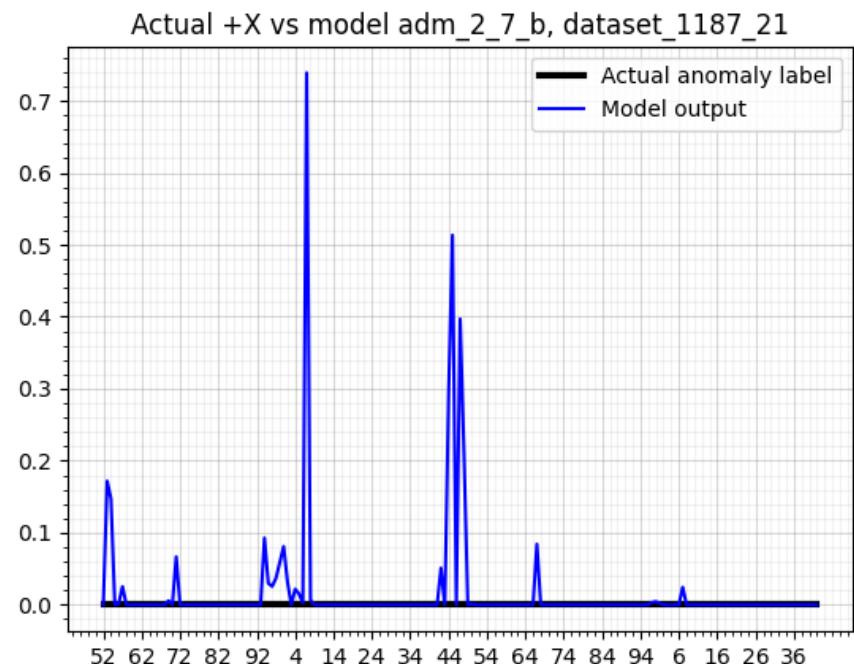
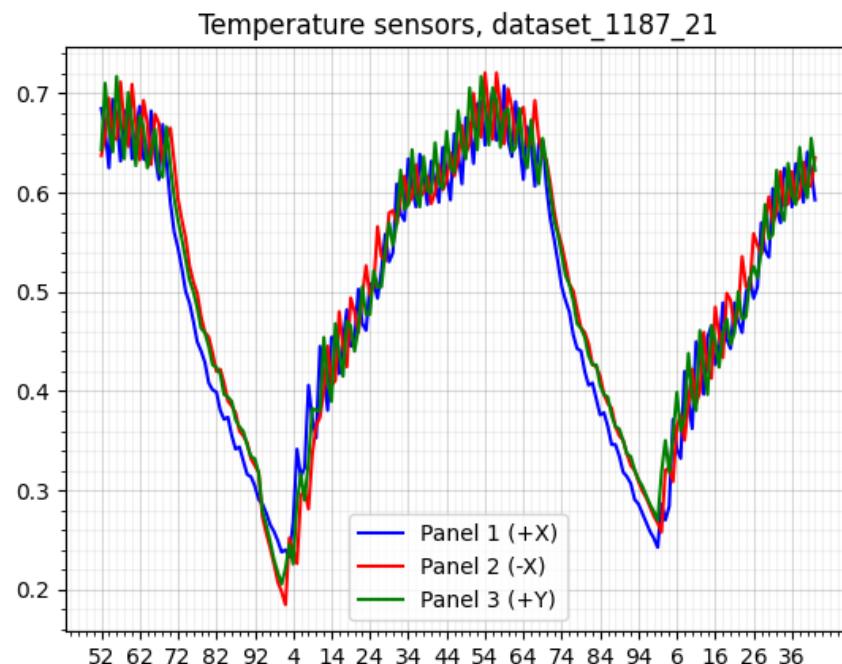


Figure 17: model inferences on dataset_1187_20_sens.png



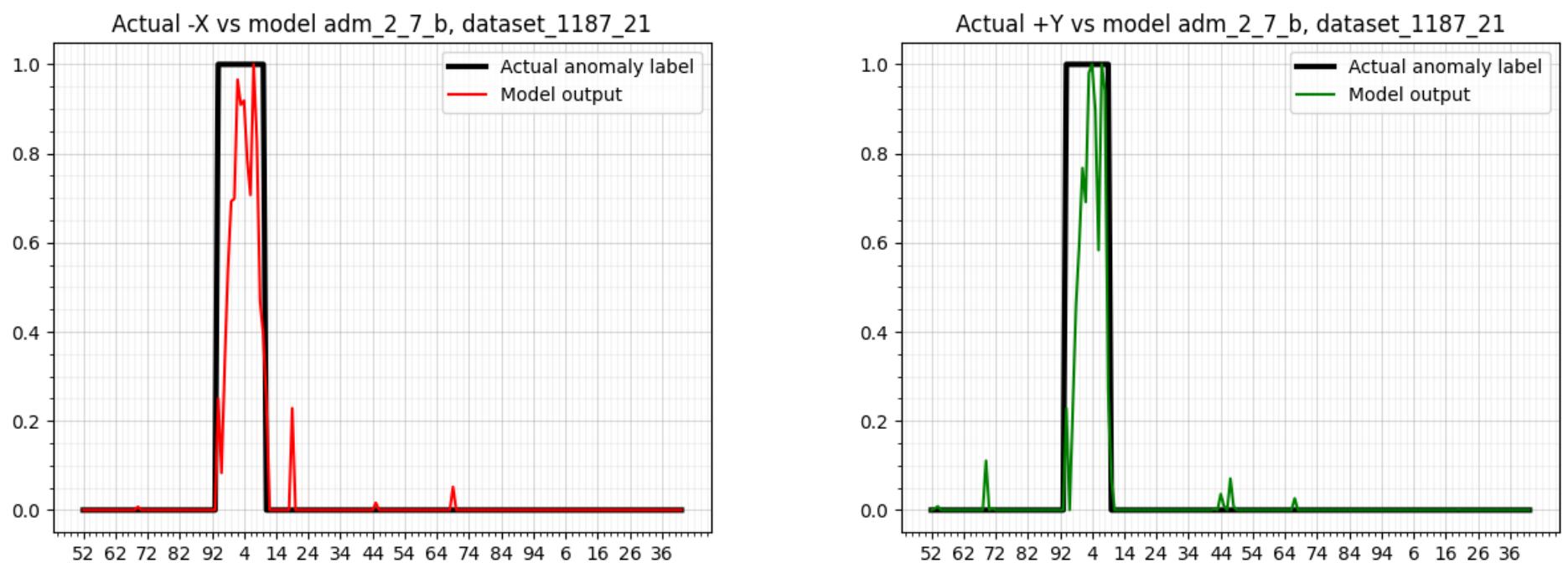
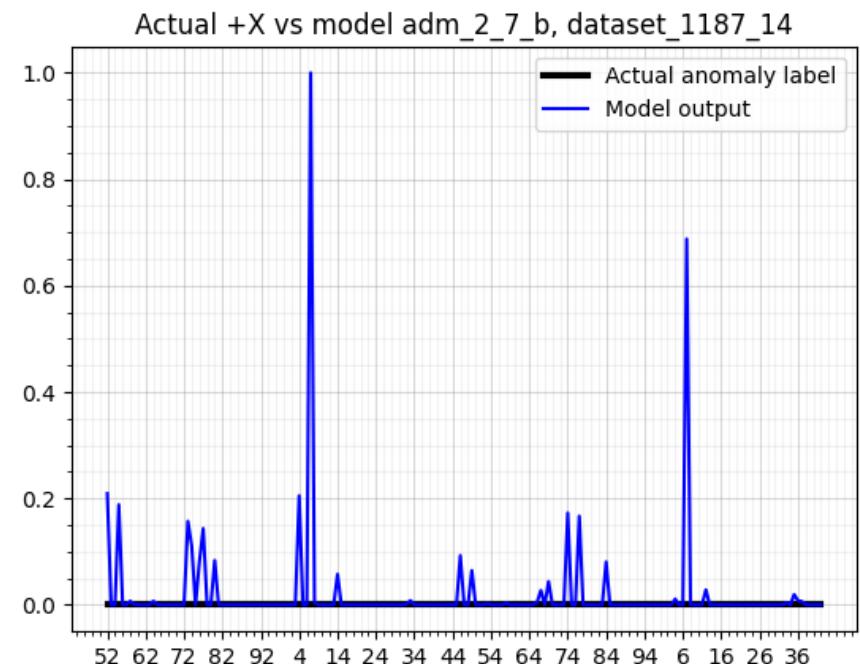
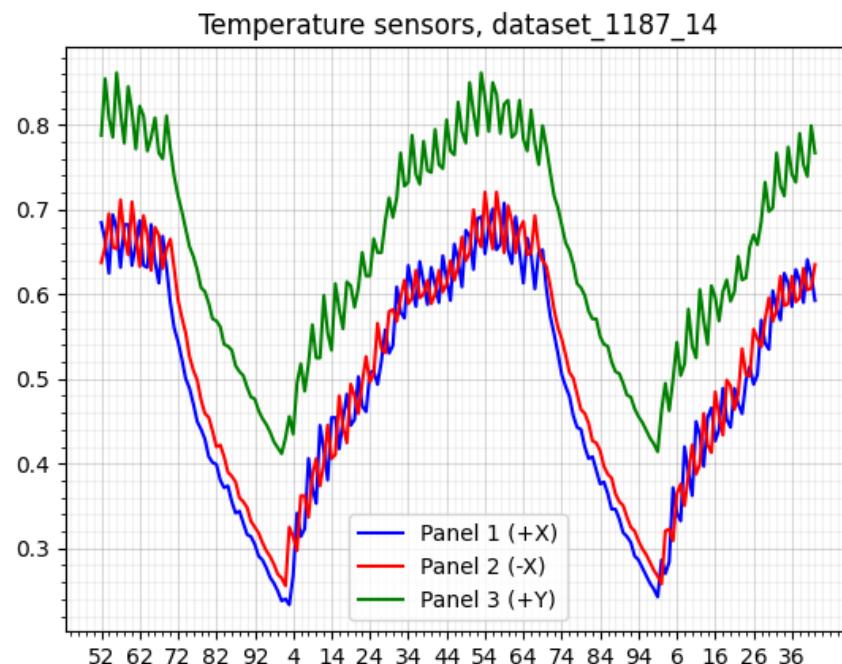
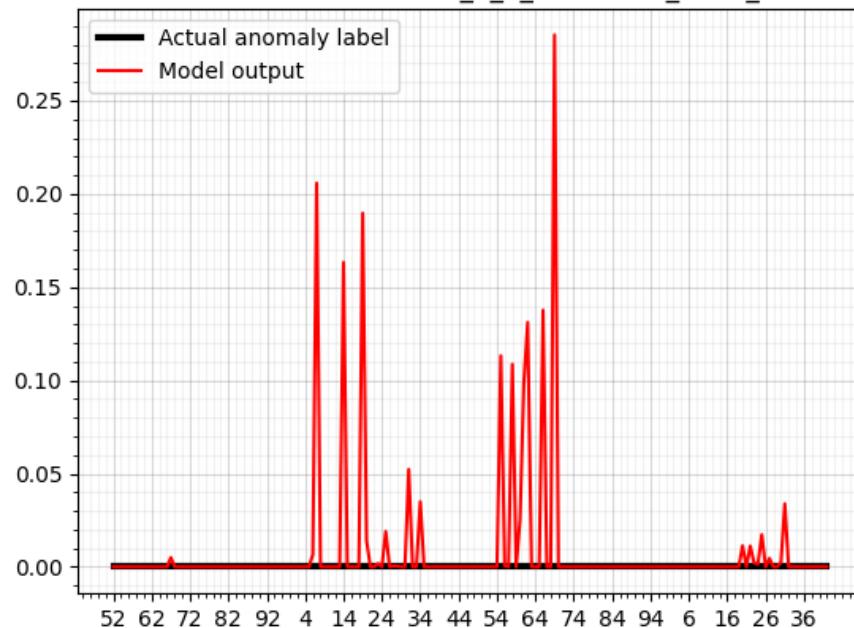


Figure 18: model inferences on dataset_1187_21_sens.png



Actual -X vs model adm_2_7_b, dataset_1187_14



Actual +Y vs model adm_2_7_b, dataset_1187_14

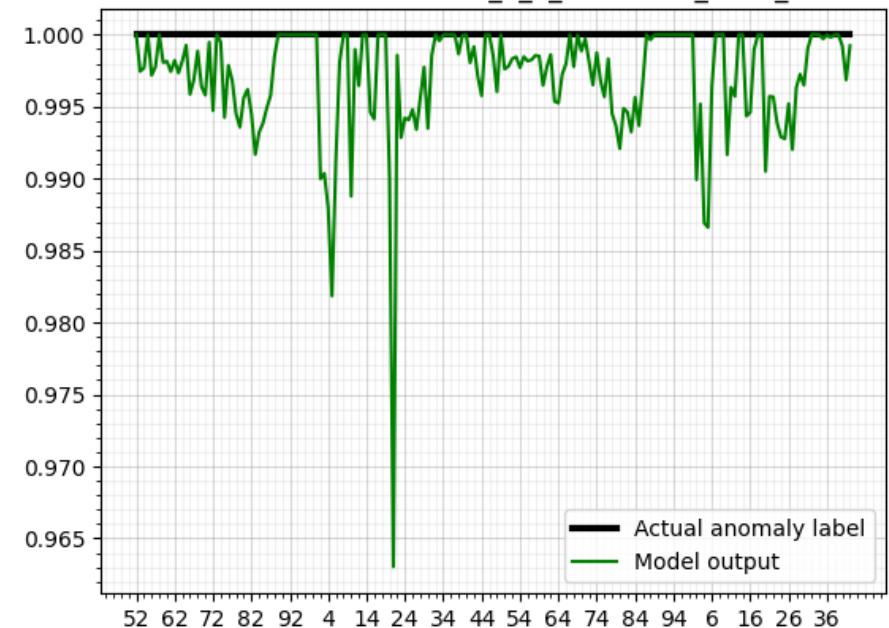
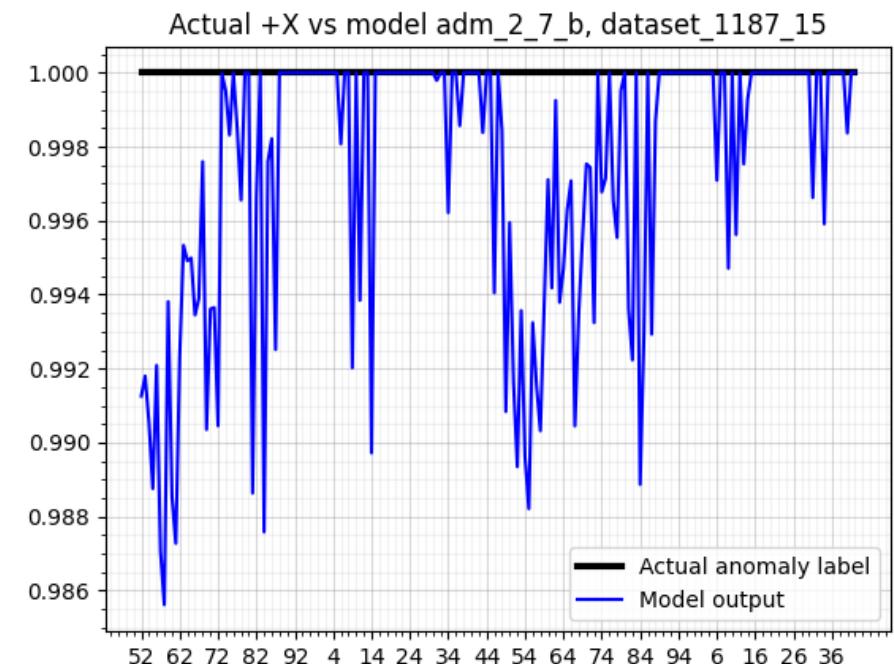
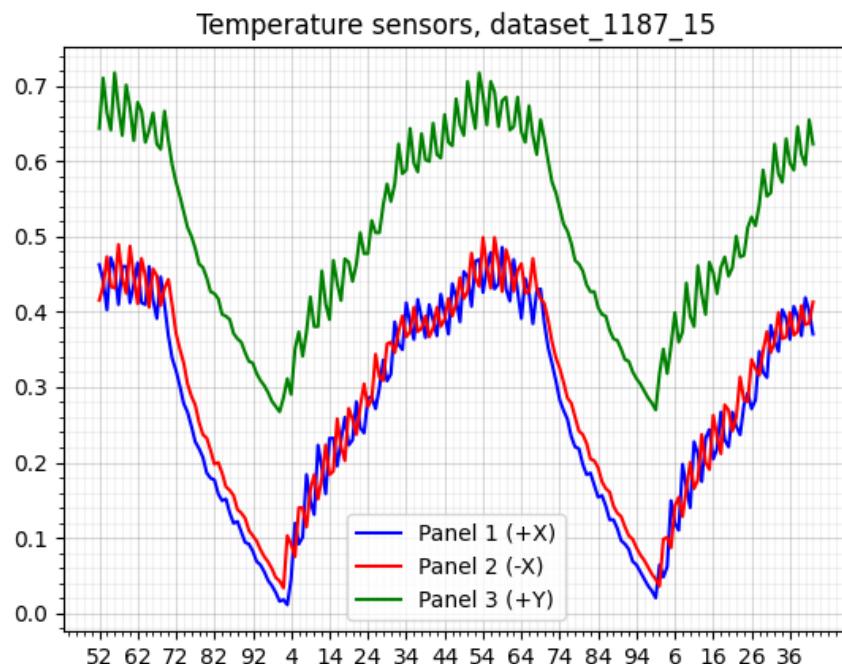


Figure 19: model inferences on dataset_1187_14_sens.png



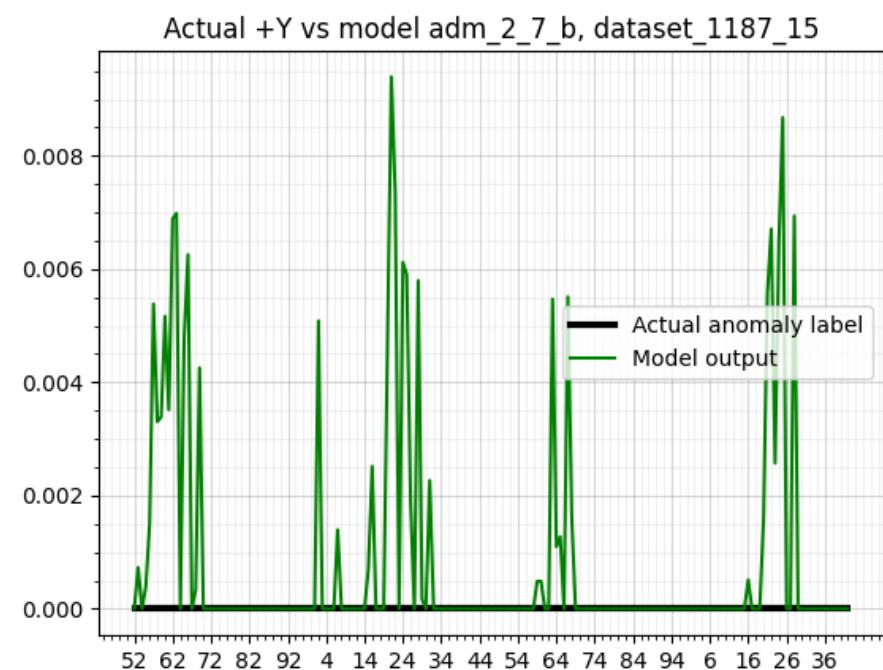
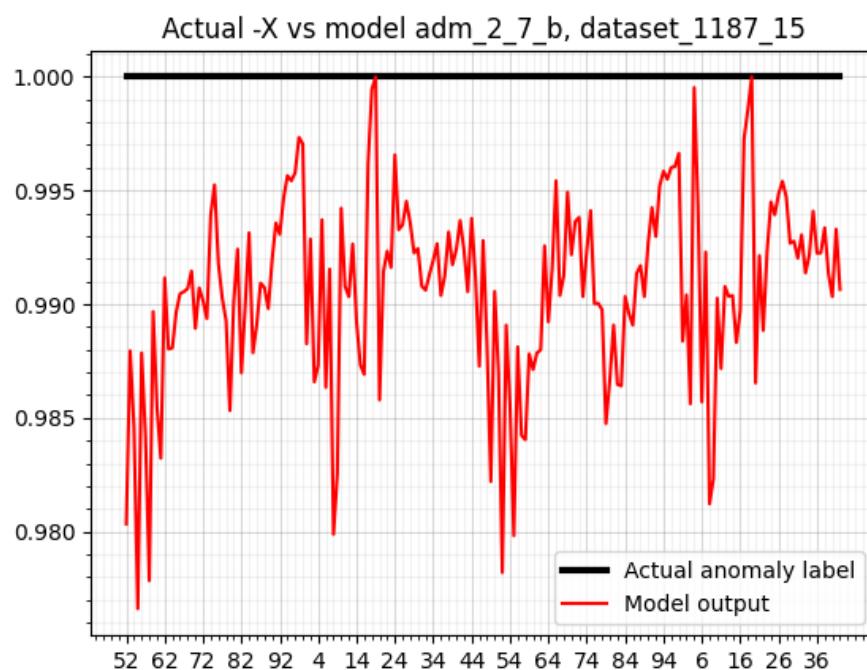
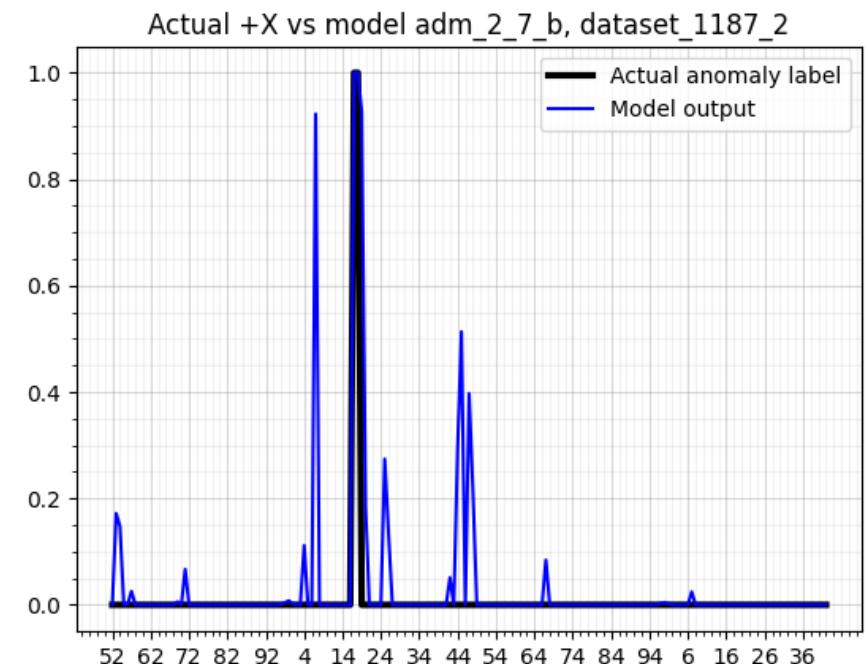
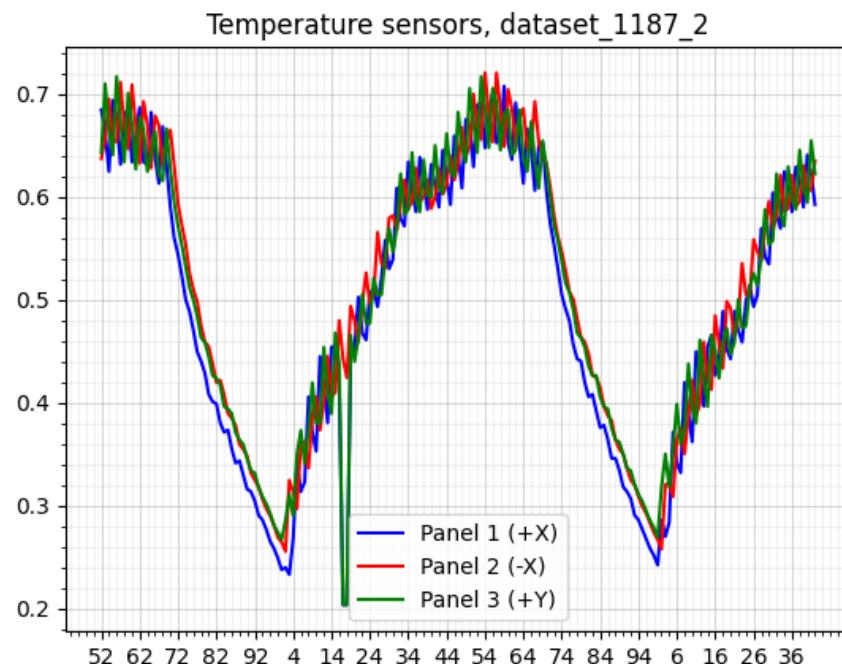


Figure 20: model inferences on dataset_1187_15_sens.png



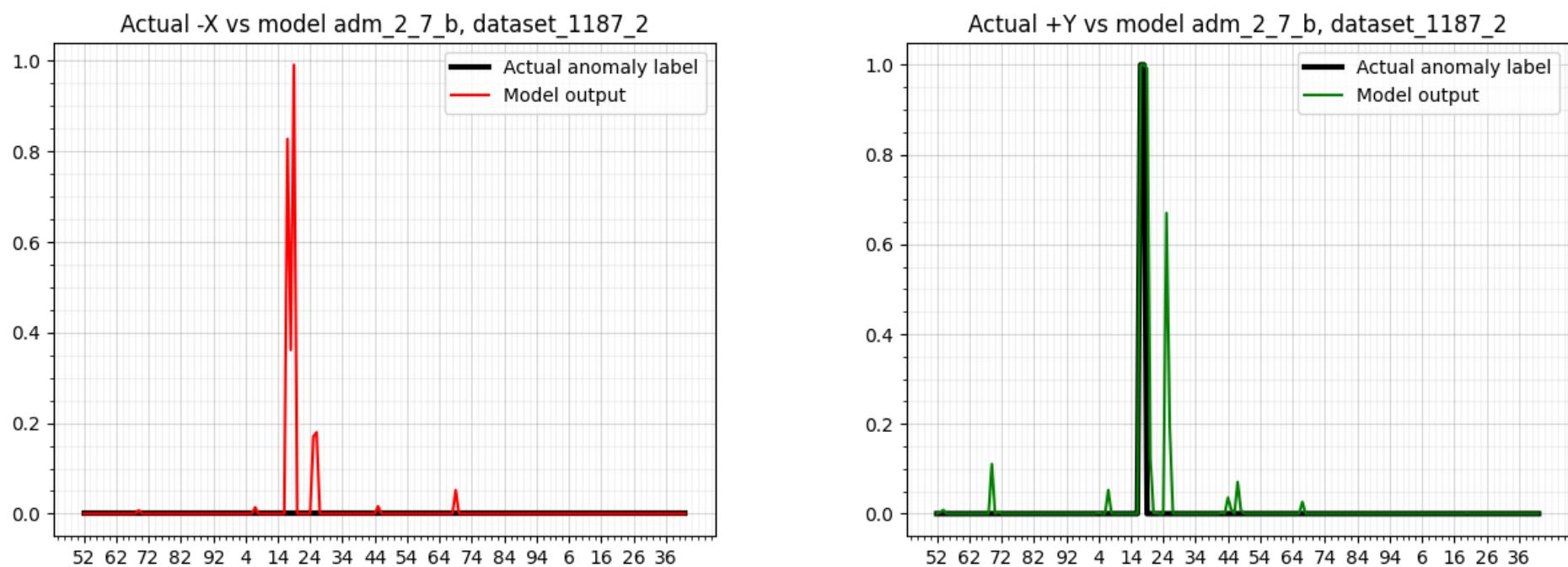
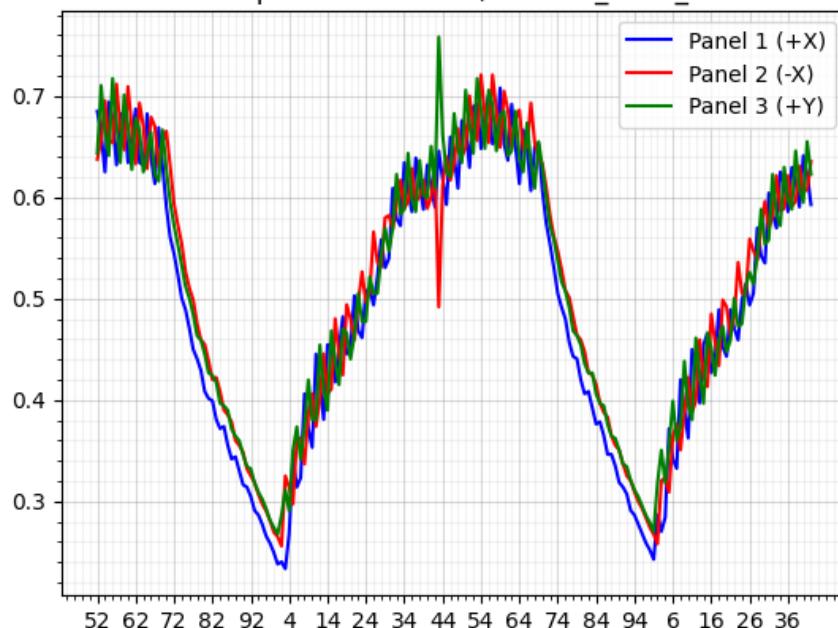
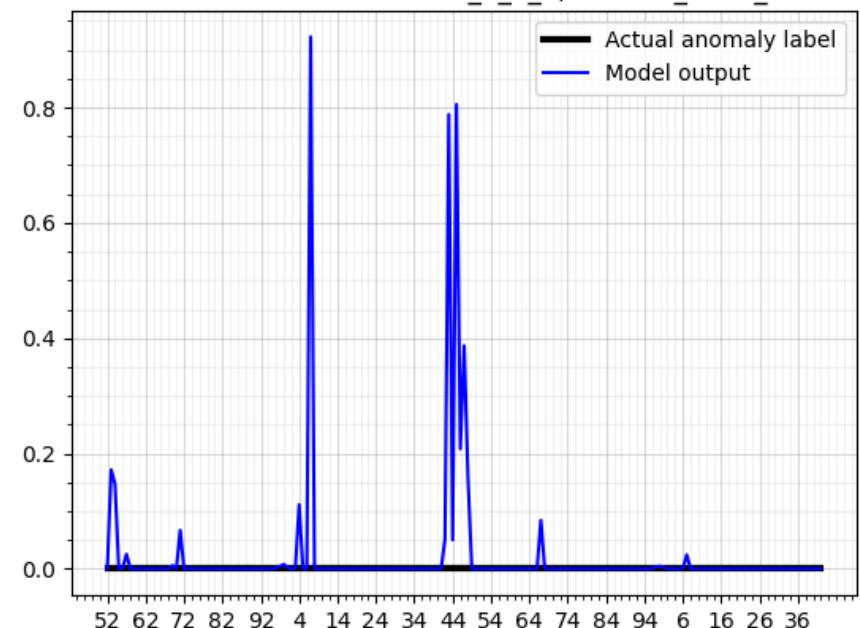


Figure 21: model inferences on dataset_1187_2_sens.png

Temperature sensors, dataset_1187_3



Actual +X vs model adm_2_7_b, dataset_1187_3



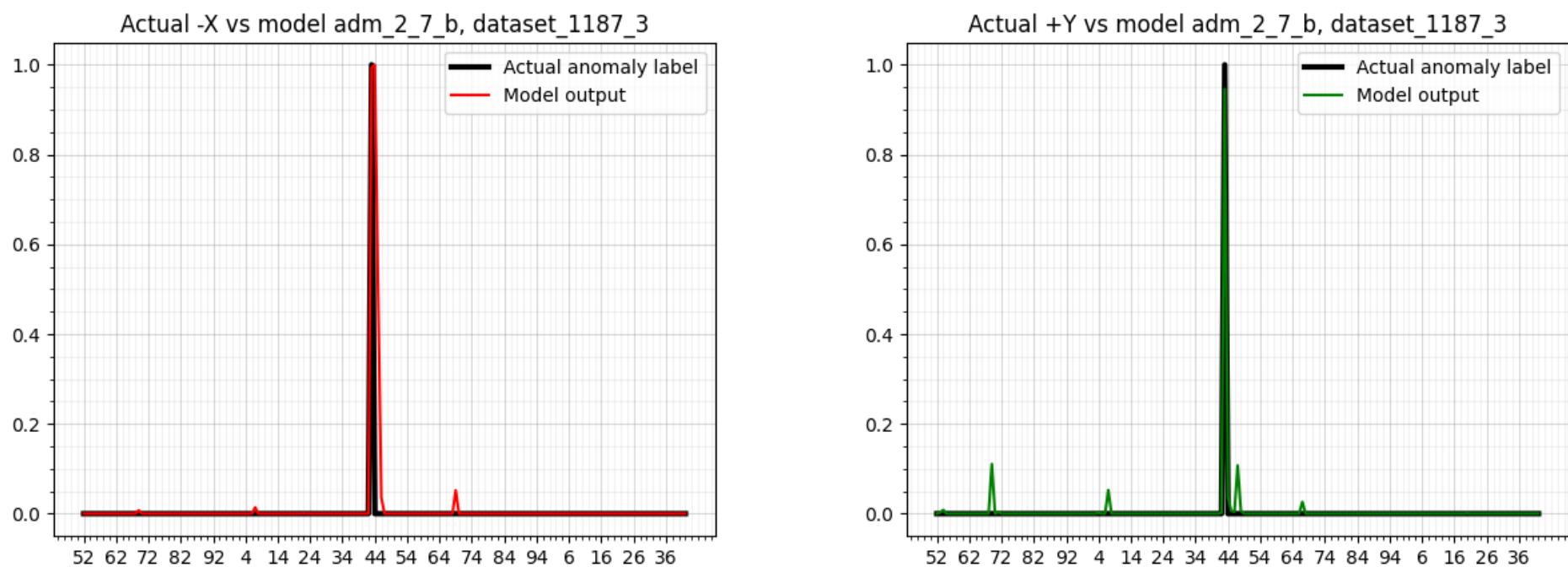
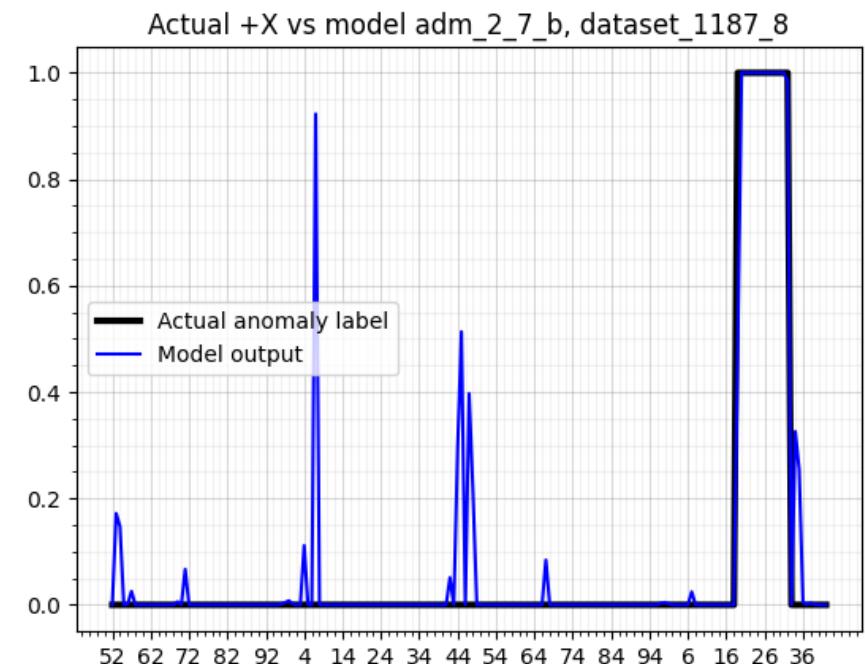
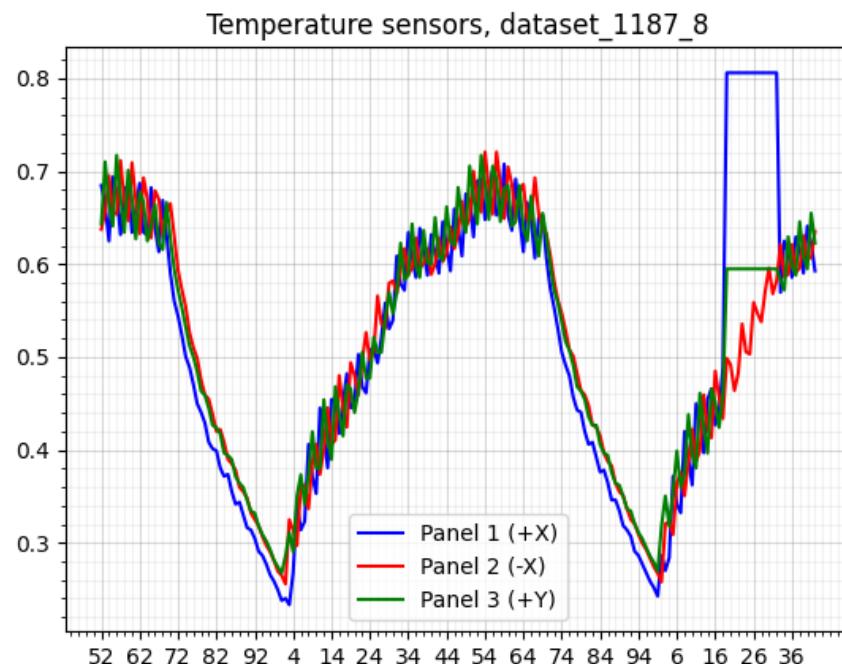


Figure 22: model inferences on dataset_1187_3_sens.png



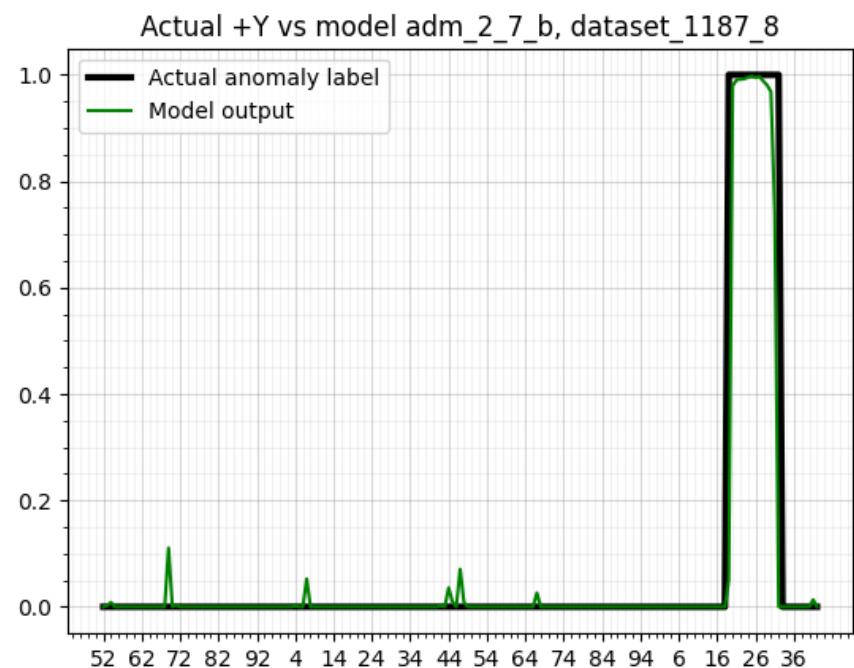
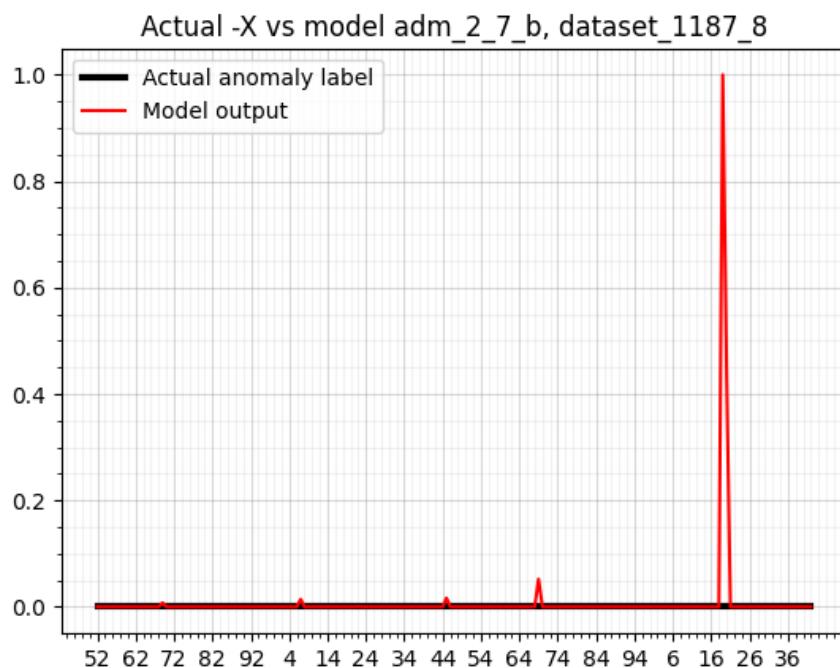
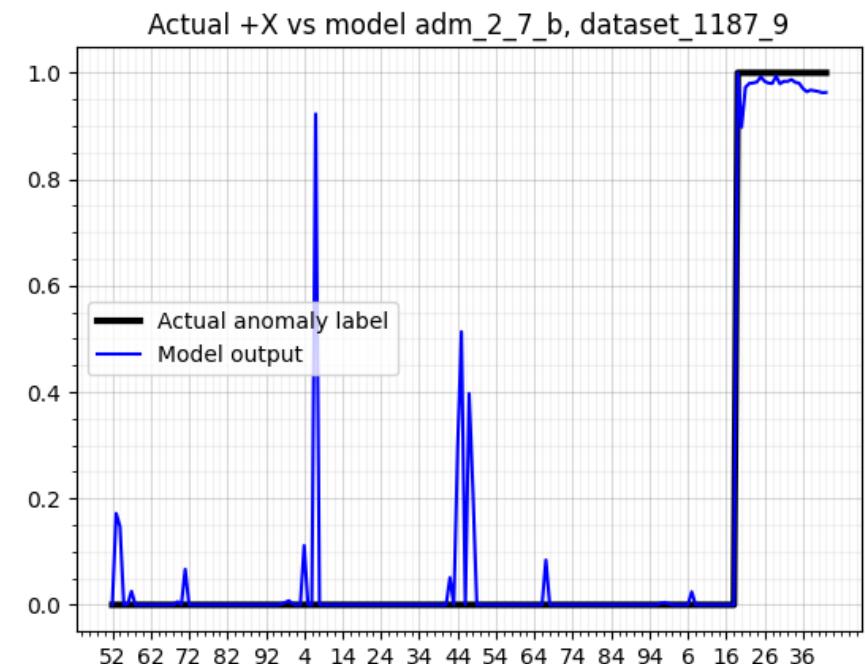
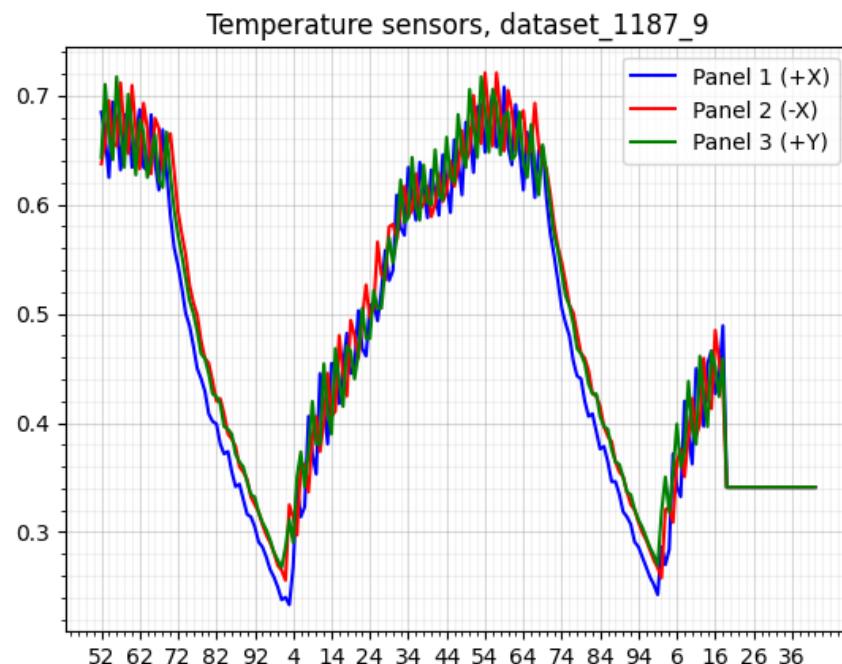


Figure 23: model inferences on dataset_1187_8_sens.png



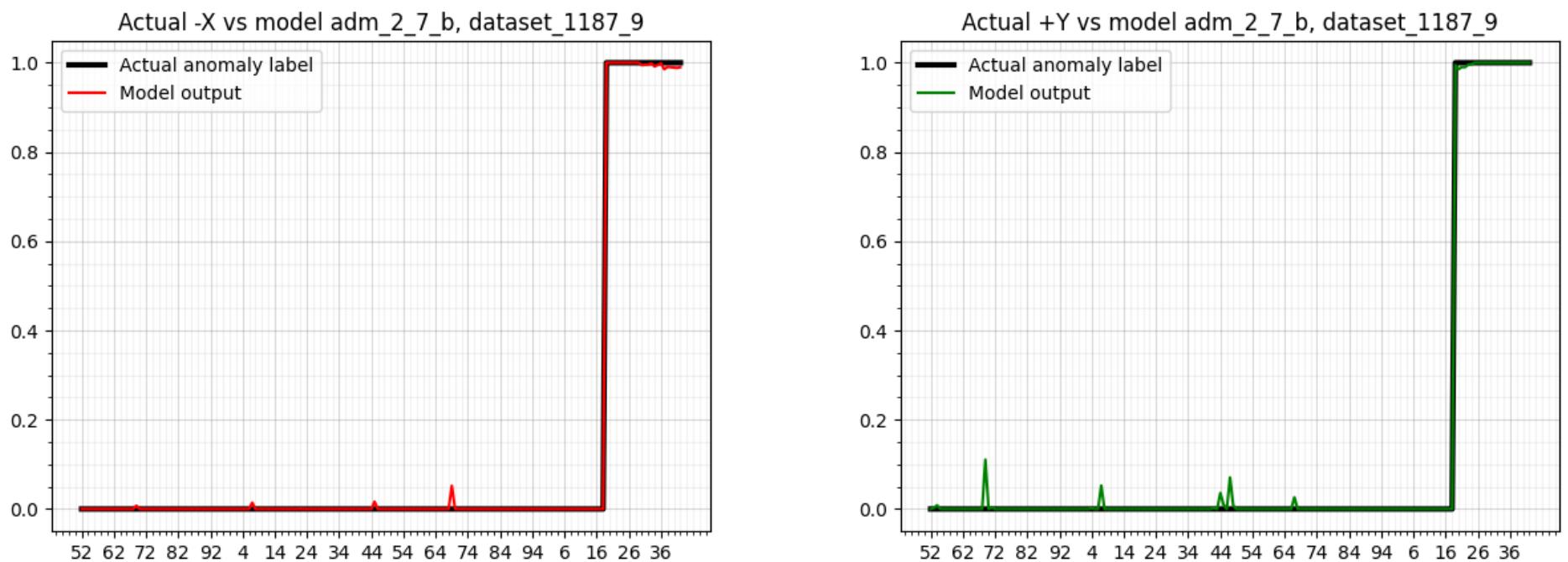


Figure 24: model inferences on dataset_1187_9_sens.png