

# TF test report 2.5.1

**Test time: 20.06.2023**

**Model name: adm\_2\_5\_b (No threshold. follows anomalies. value limits 1/0 applied. Normalization applied.)**

**Model type: MLP**

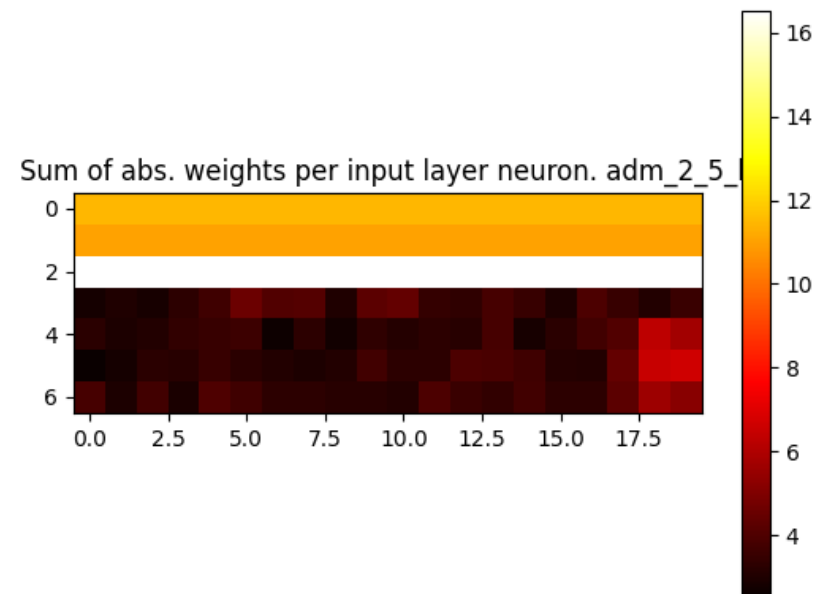
**Model description: 83x32x32x32x6 MLP to detect anomalies on 3 panels based on the previous 20 points from 3 panels + 20 time points + derivatives of 3 panels. Tested on previously unseen data. Trained to detect sensor spikes and const regions only (added more variations) + removed duplicates.**

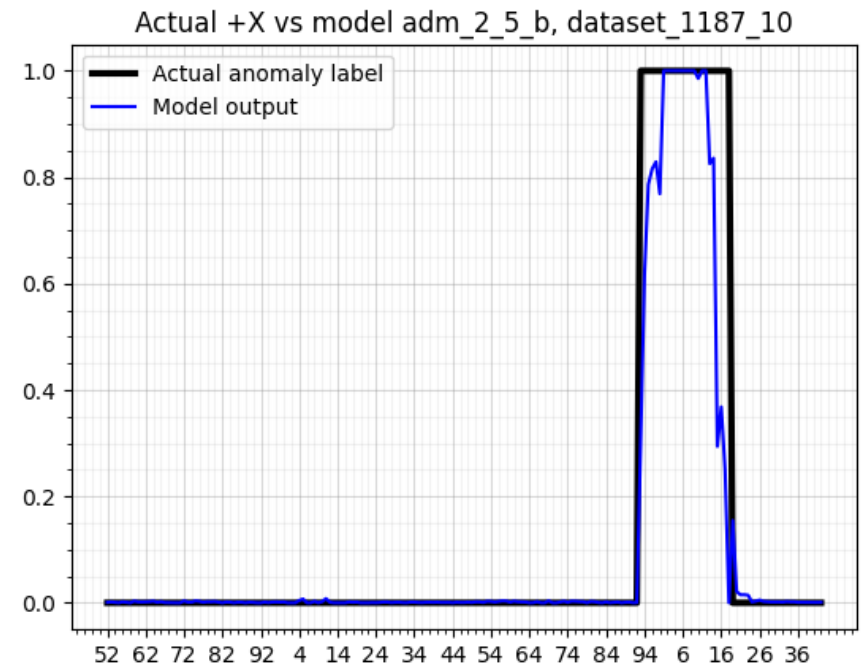
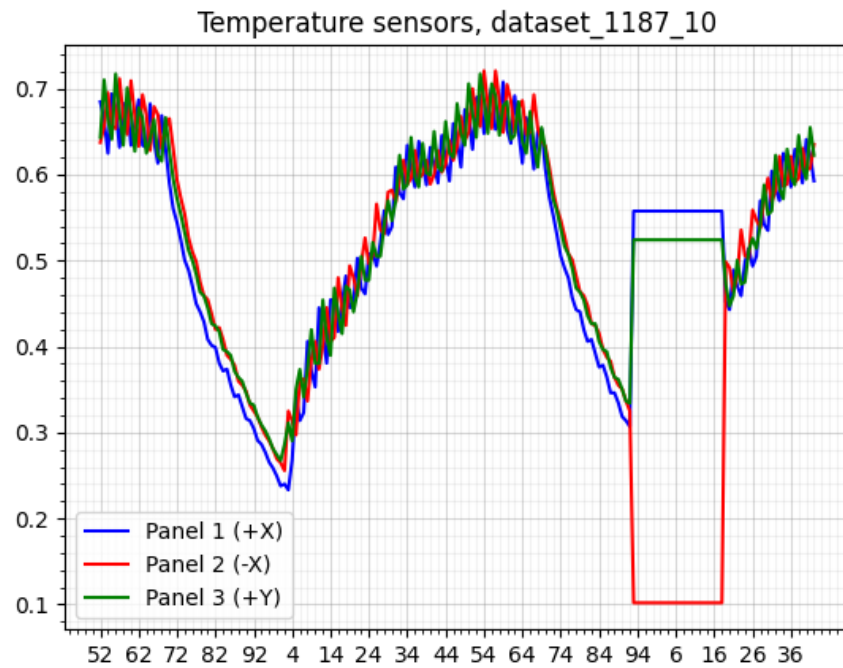
**Model data size: NA**

## Test results:

**Accuracy on NO anomalies (0): 0.9933**

**Accuracy on ANOMALIES (1): 0.6416**





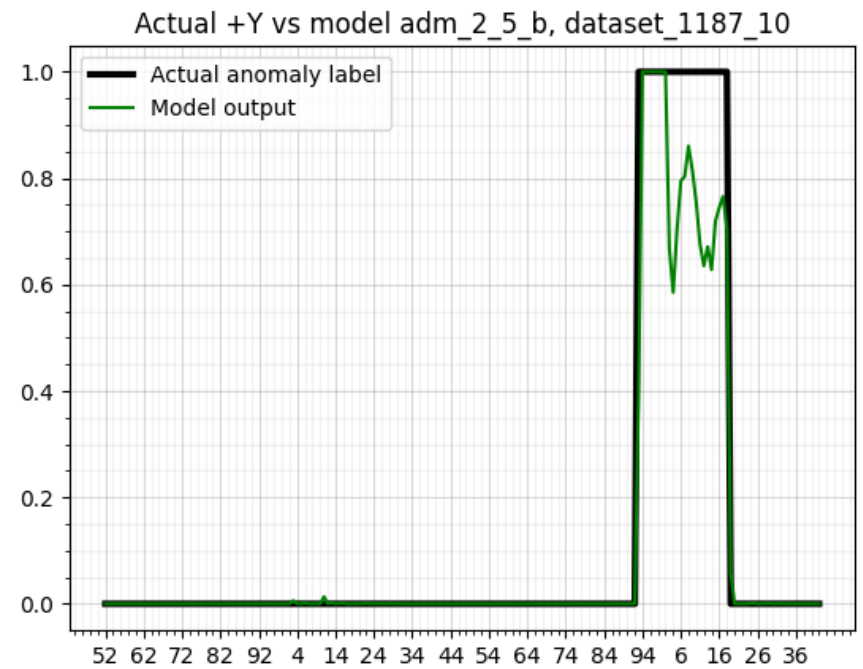
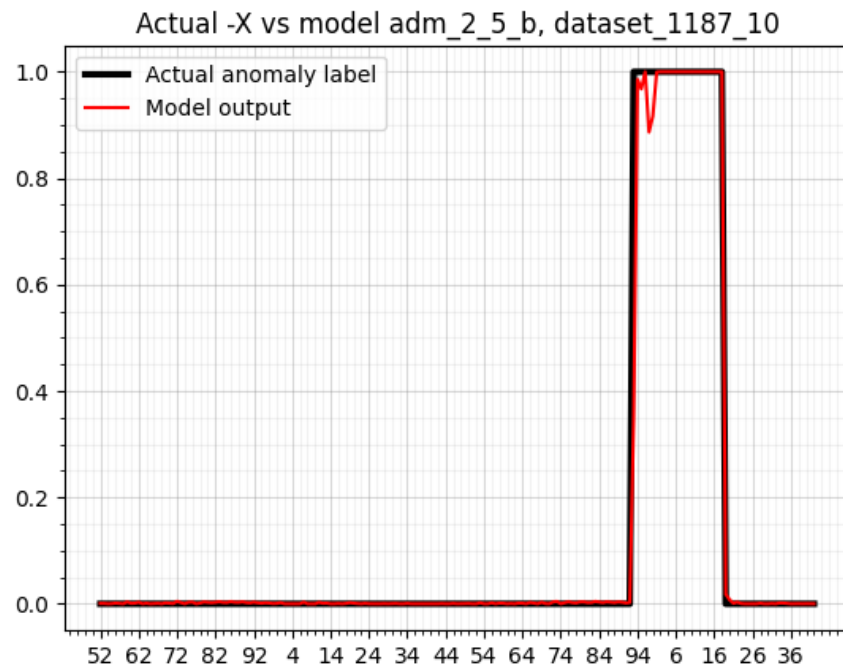
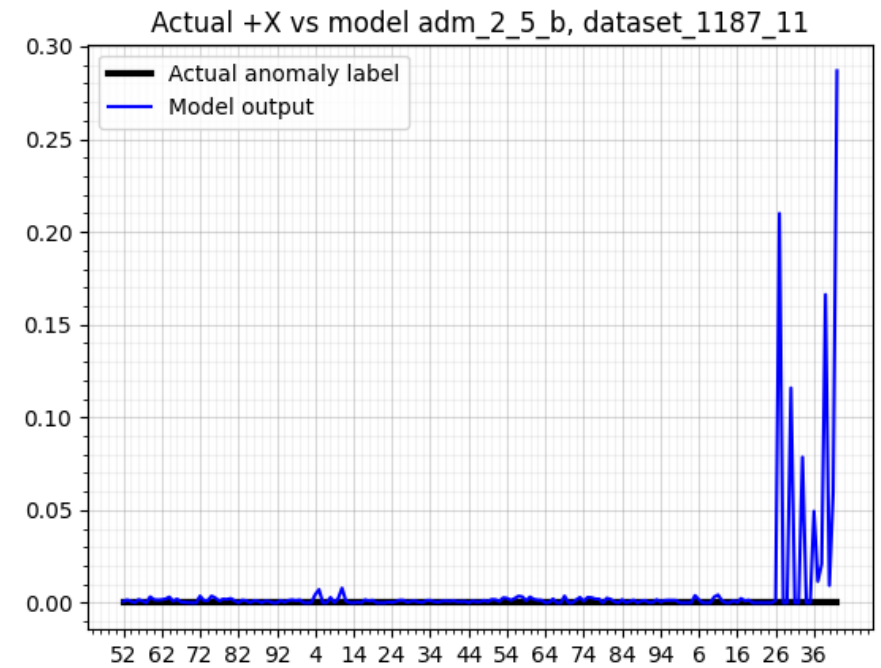
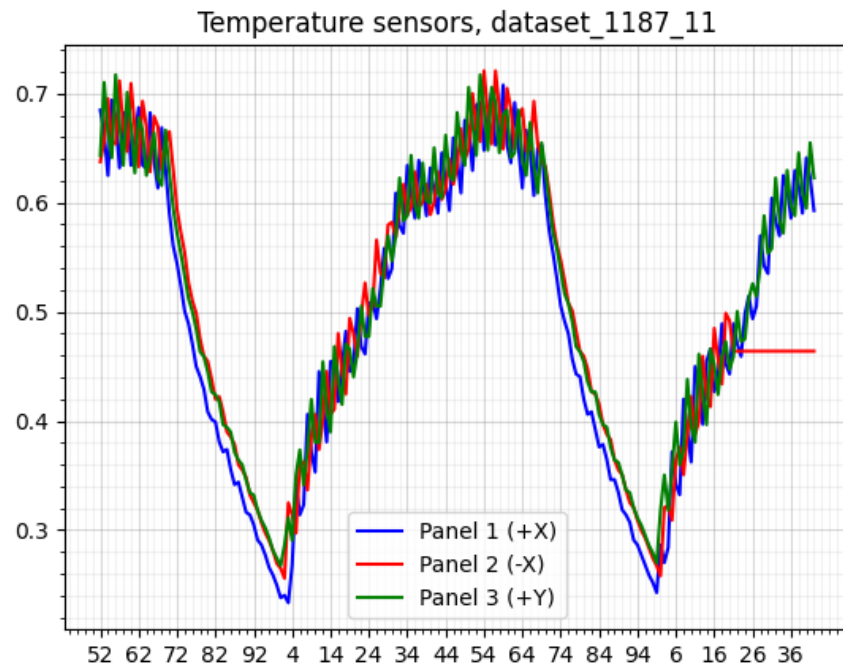


Figure 1: model inferences on dataset\_1187\_10\_sens.png



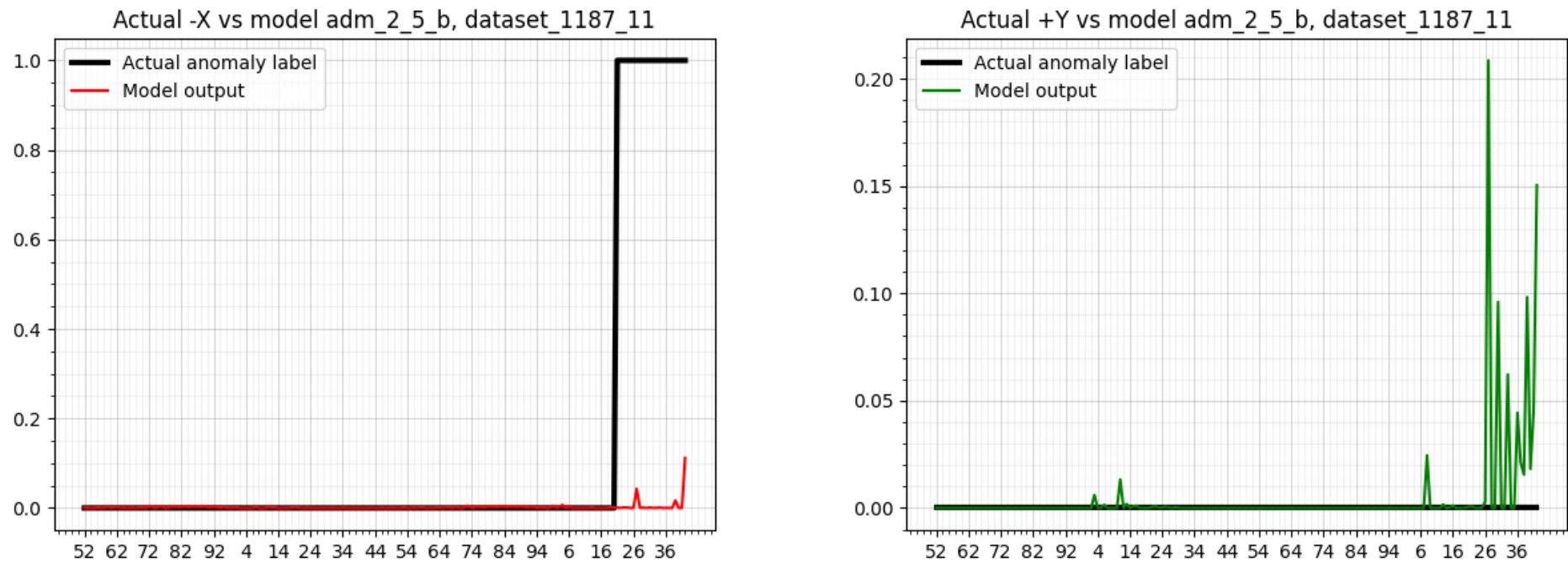
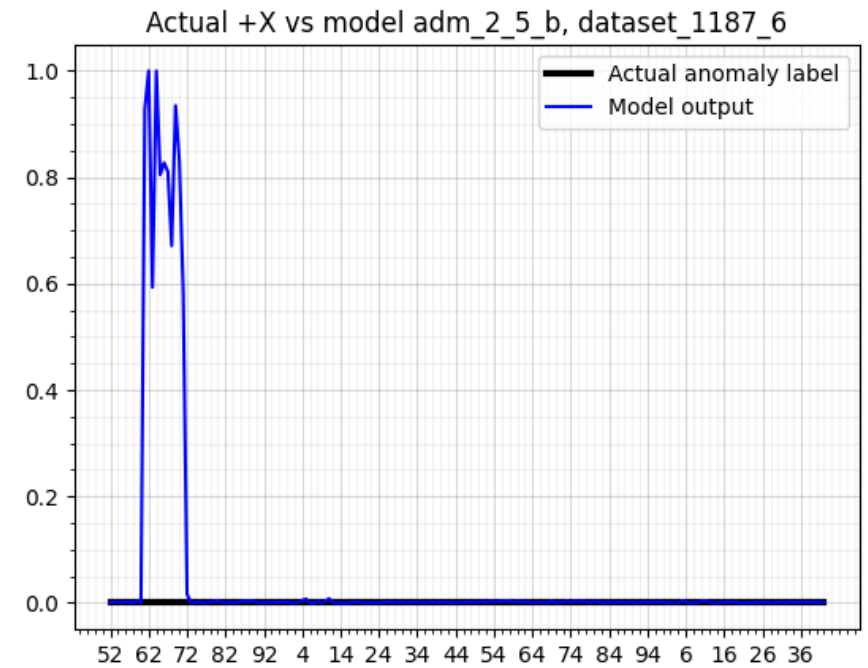
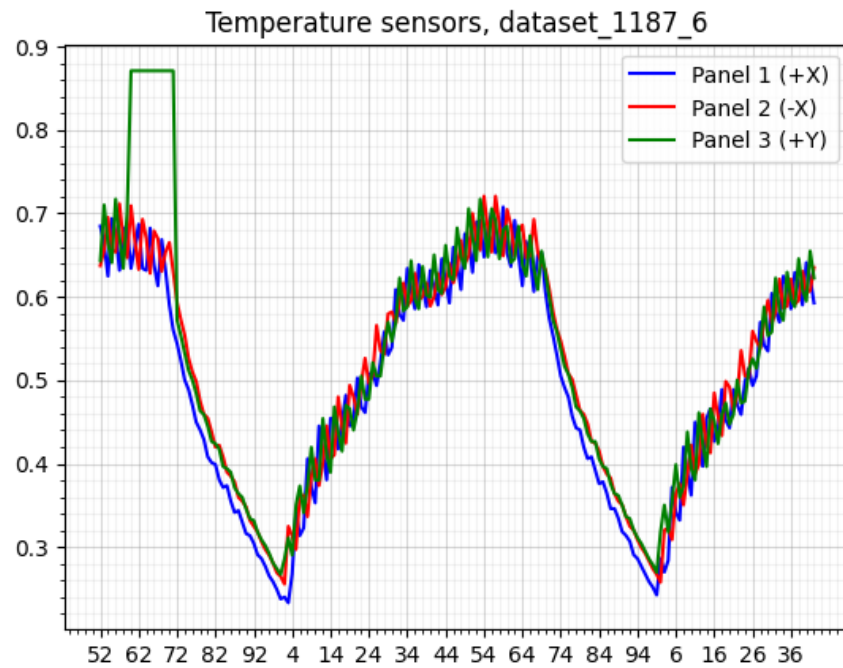


Figure 2: model inferences on dataset\_1187\_11\_sens.png



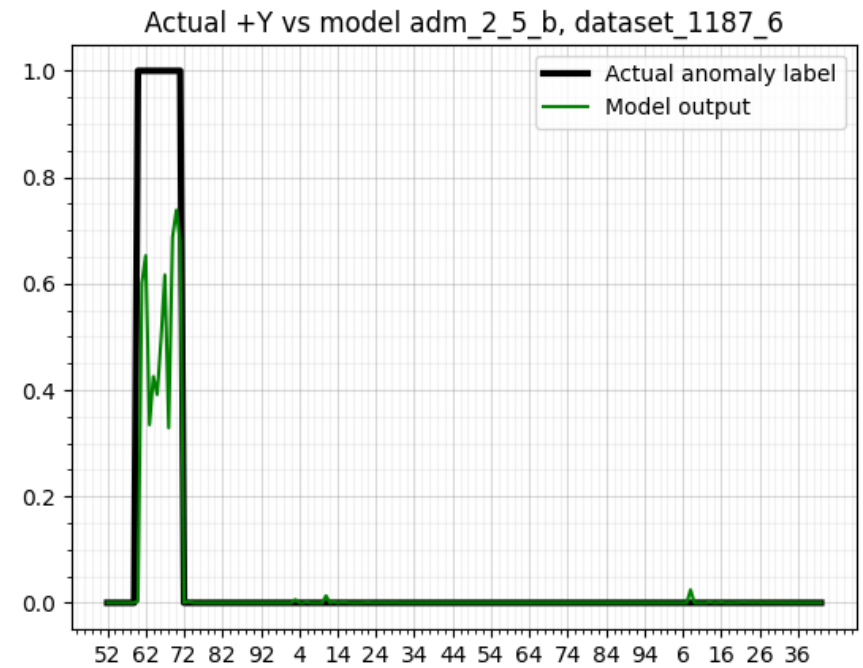
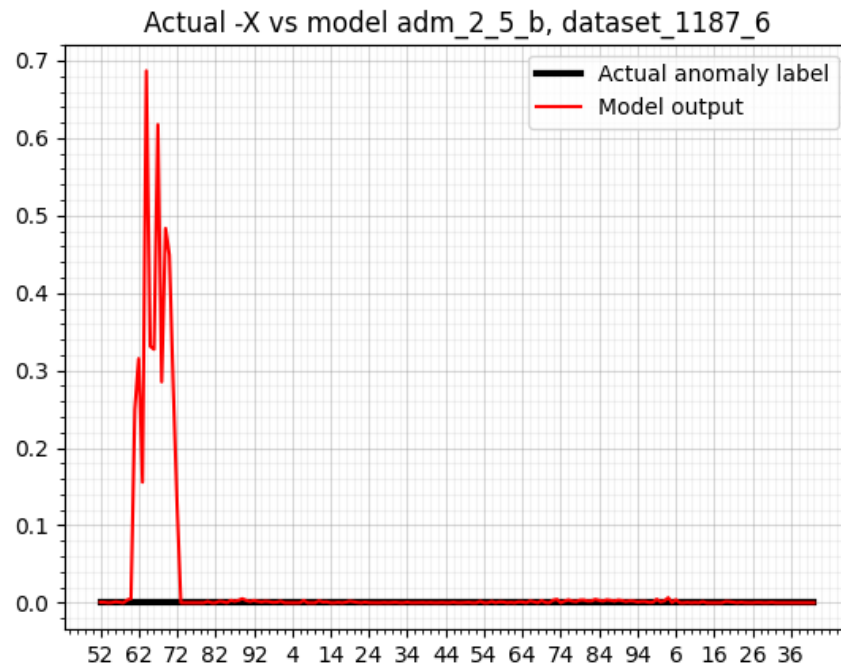
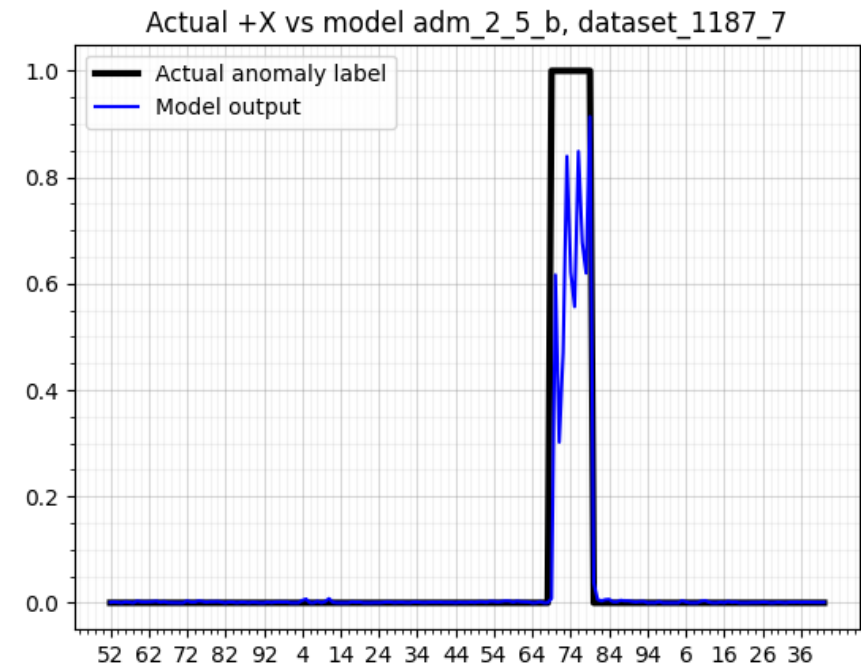
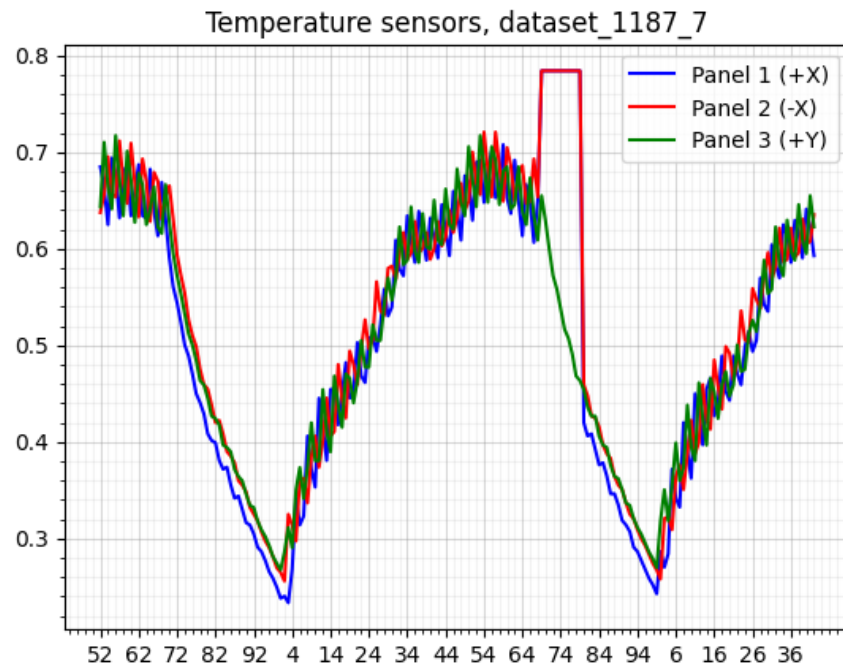


Figure 3: model inferences on dataset\_1187\_6\_sens.png





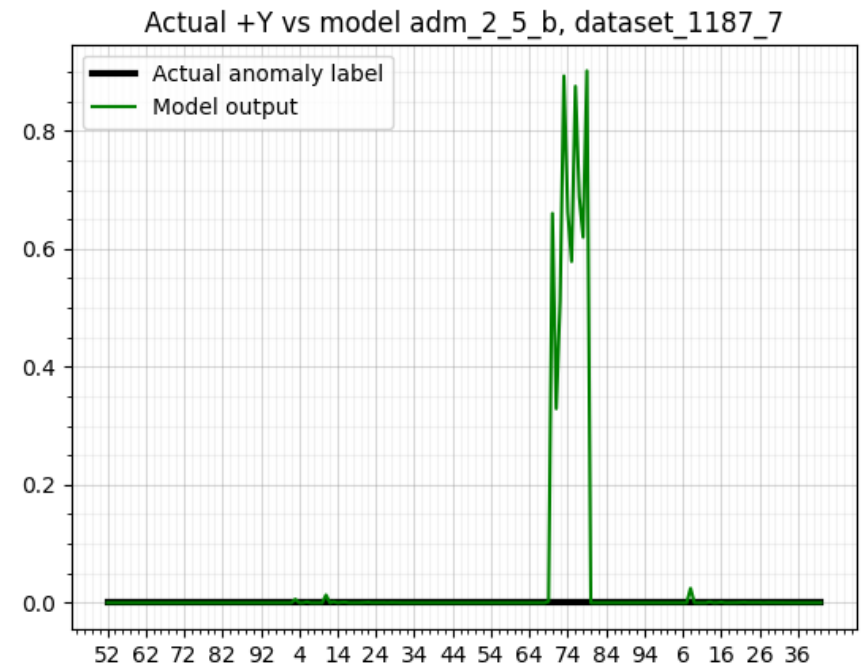
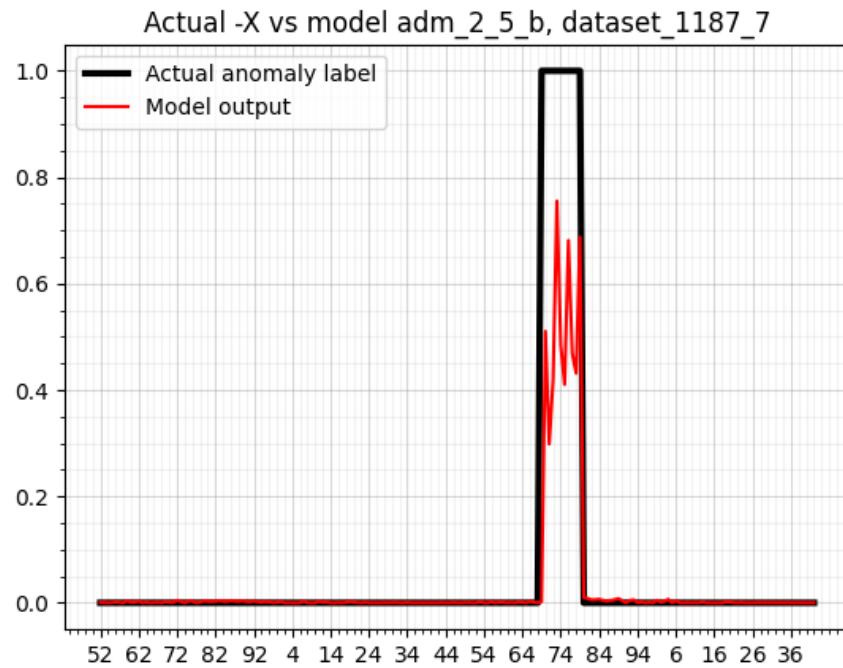
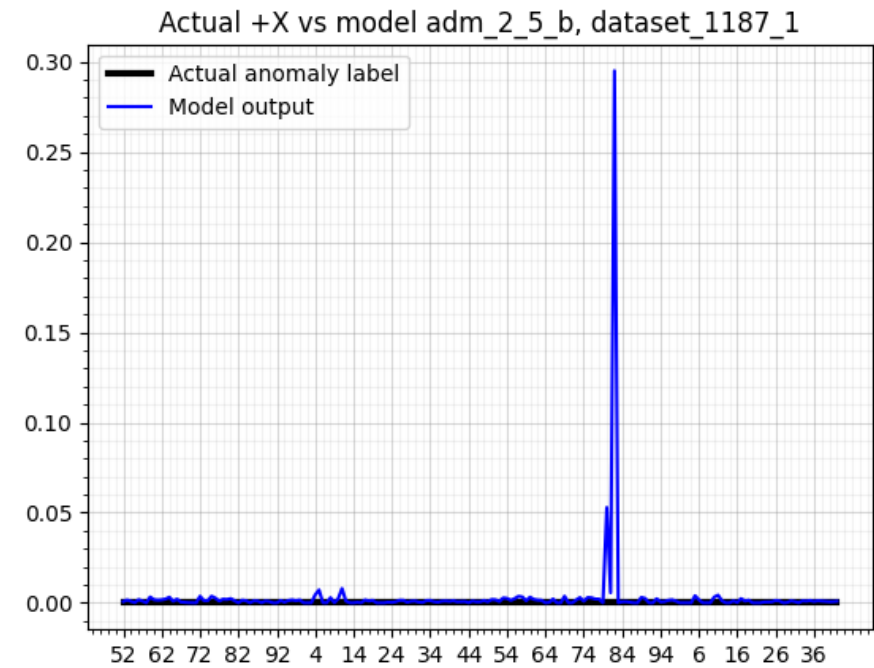
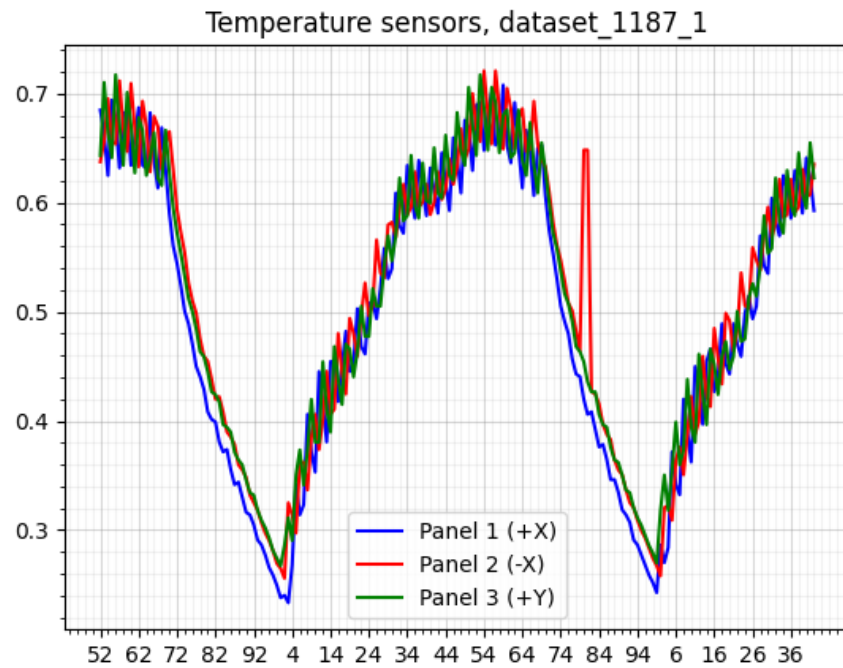


Figure 4: model inferences on dataset\_1187\_7\_sens.png



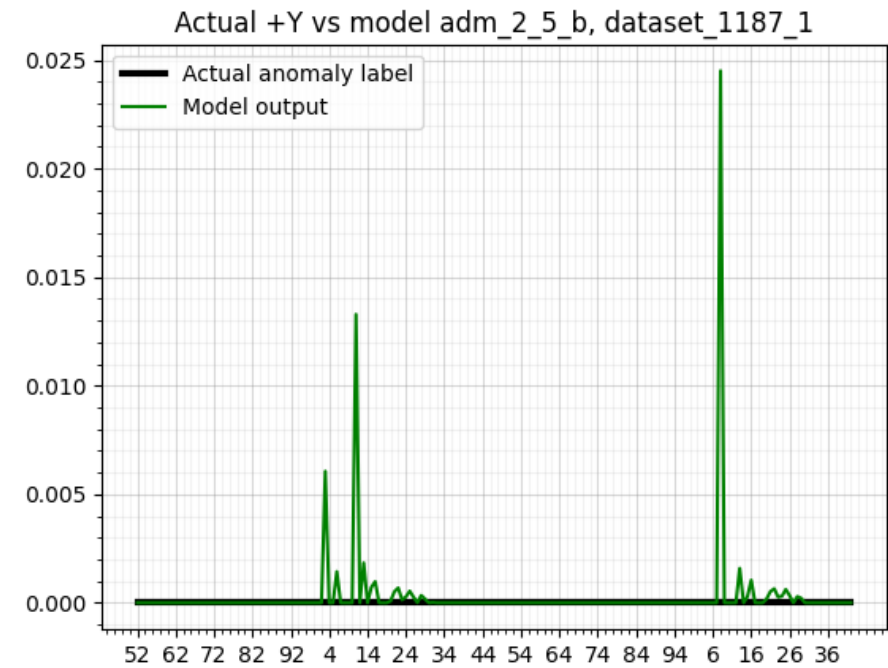
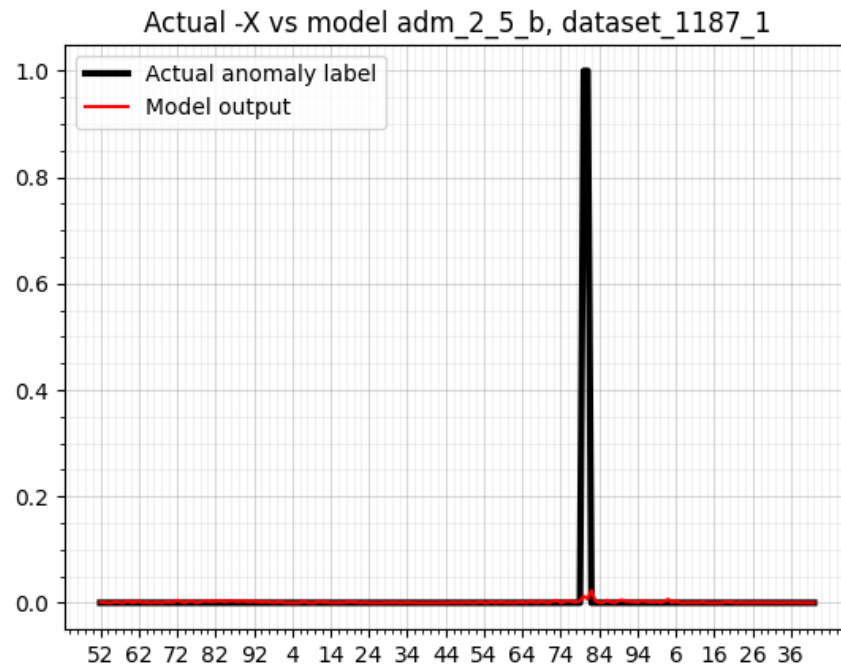
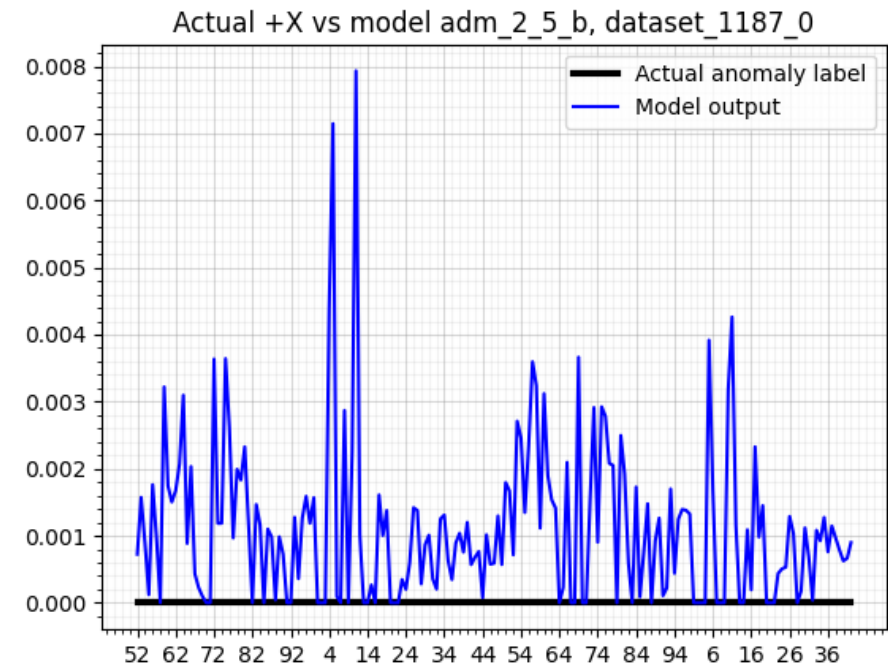
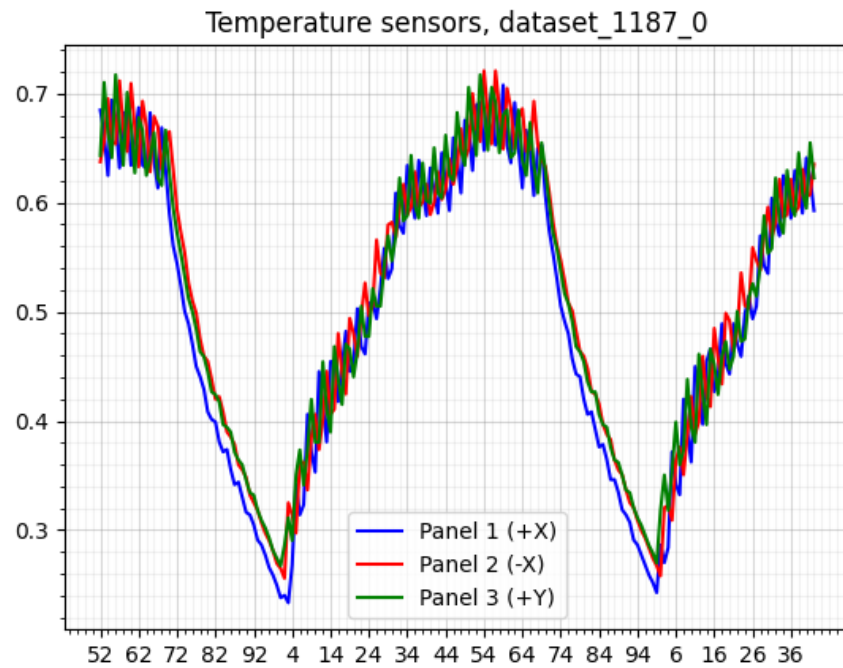


Figure 5: model inferences on dataset\_1187\_1\_sens.png



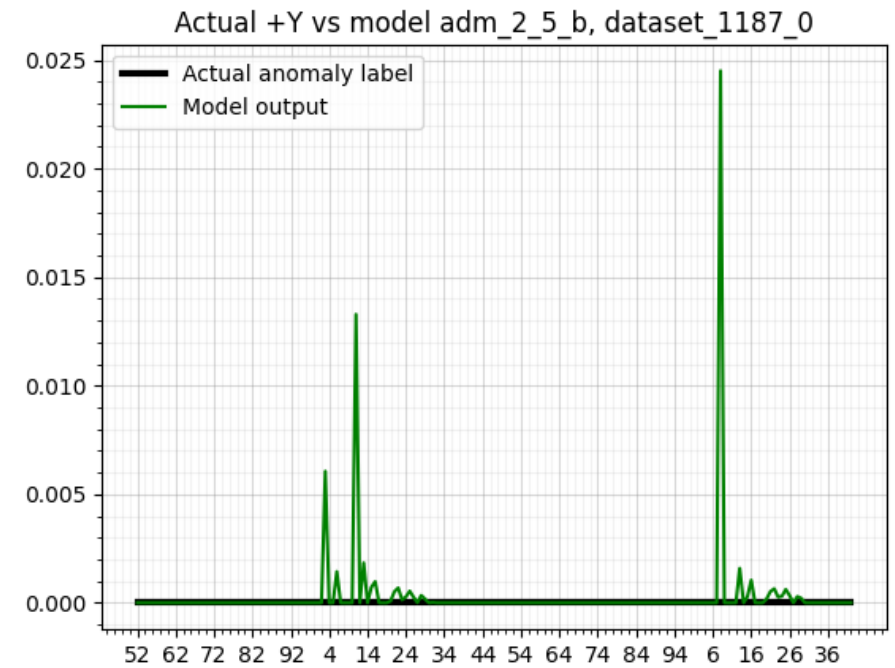
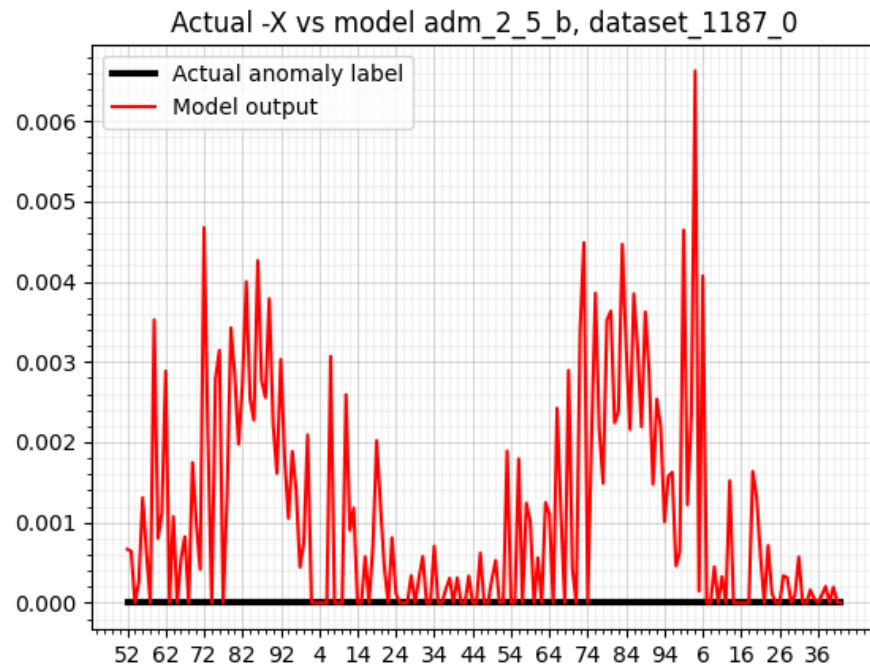
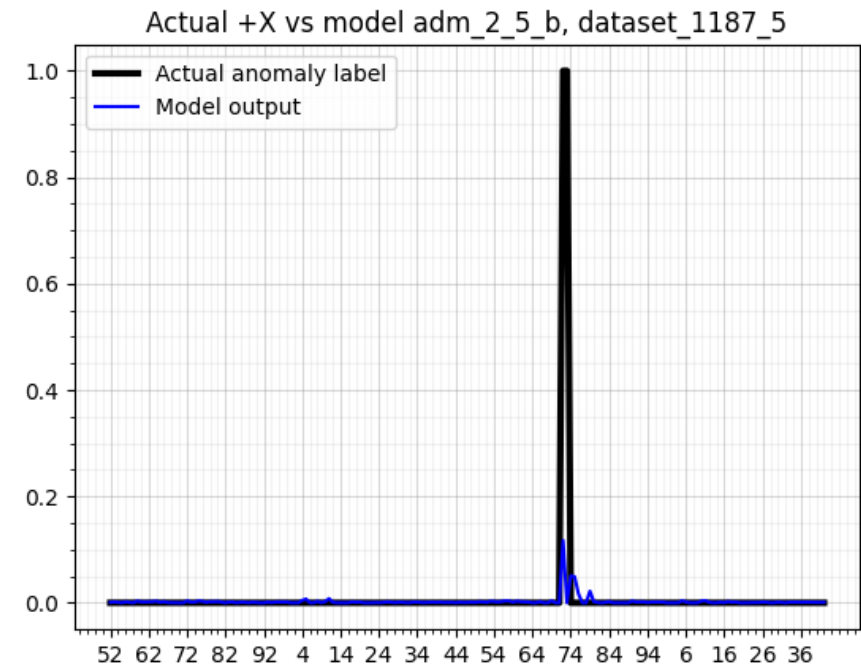
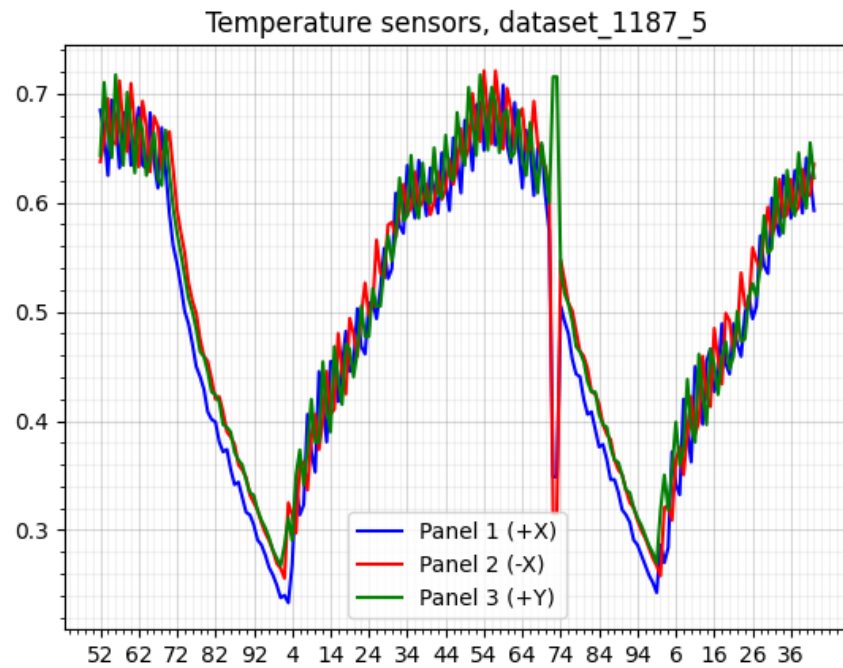


Figure 6: model inferences on dataset\_1187\_0\_sens.png



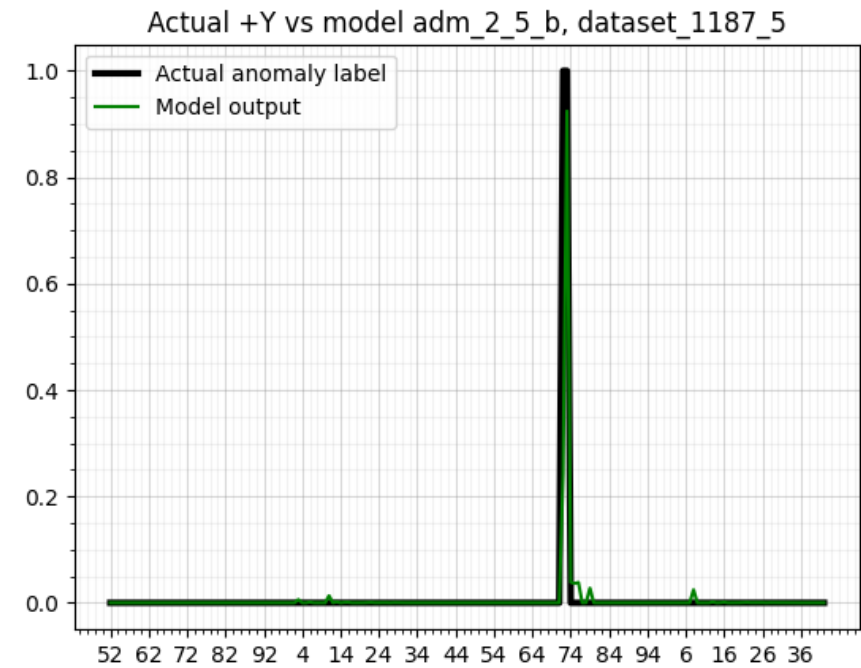
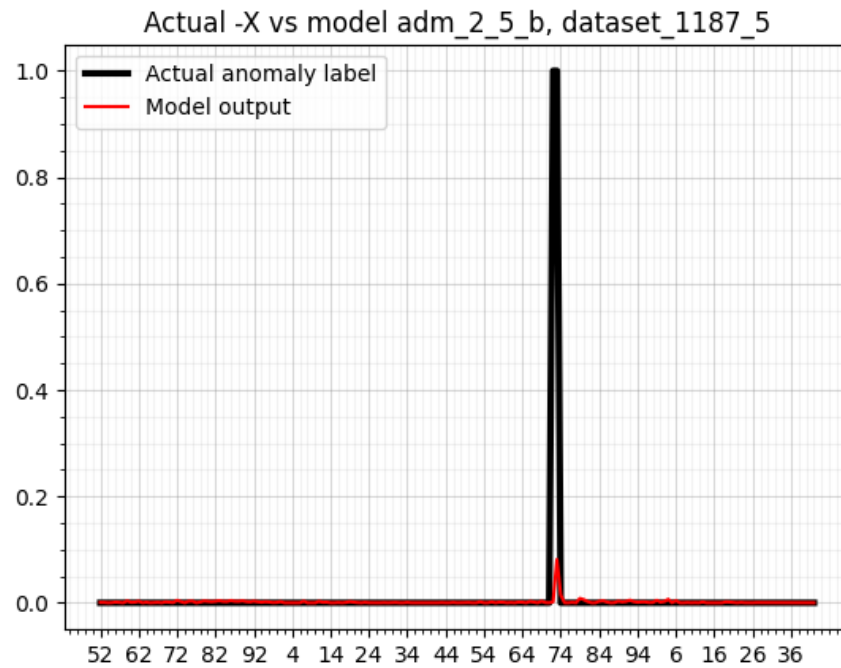
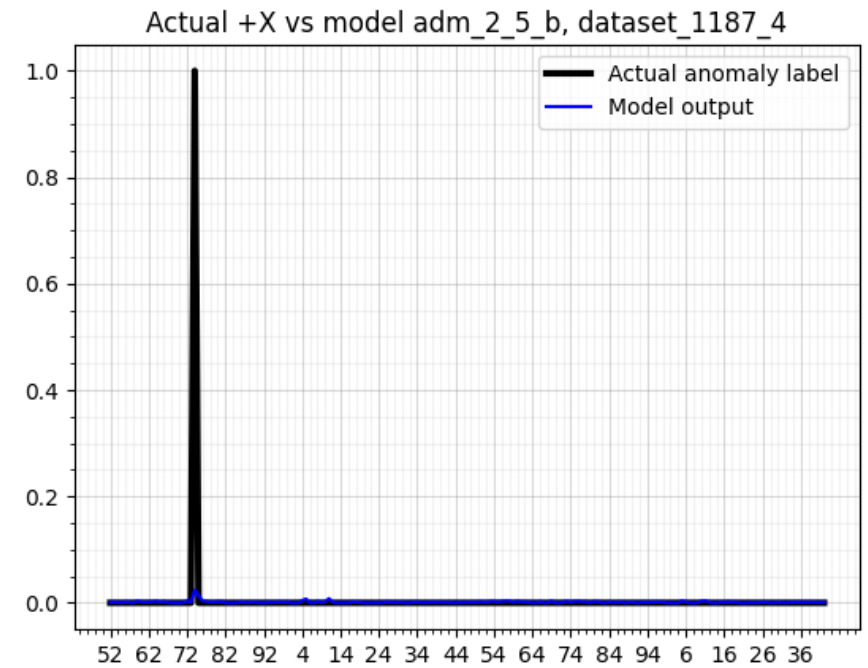
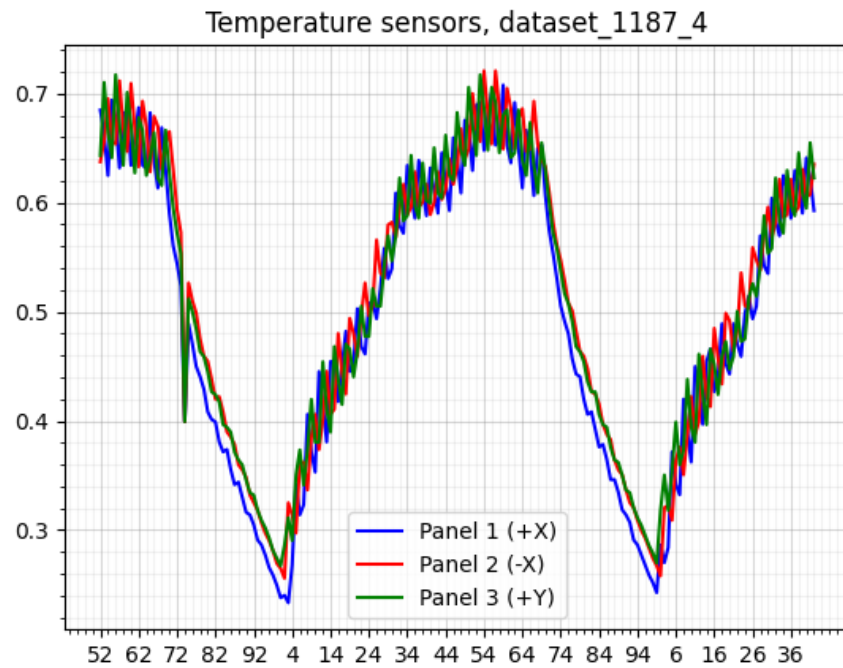


Figure 7: model inferences on dataset\_1187\_5\_sens.png





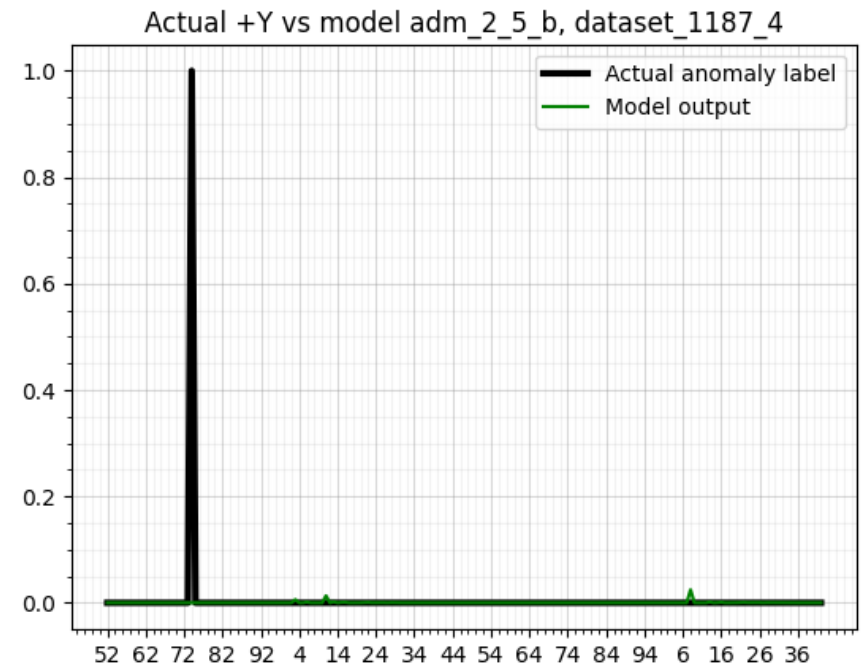
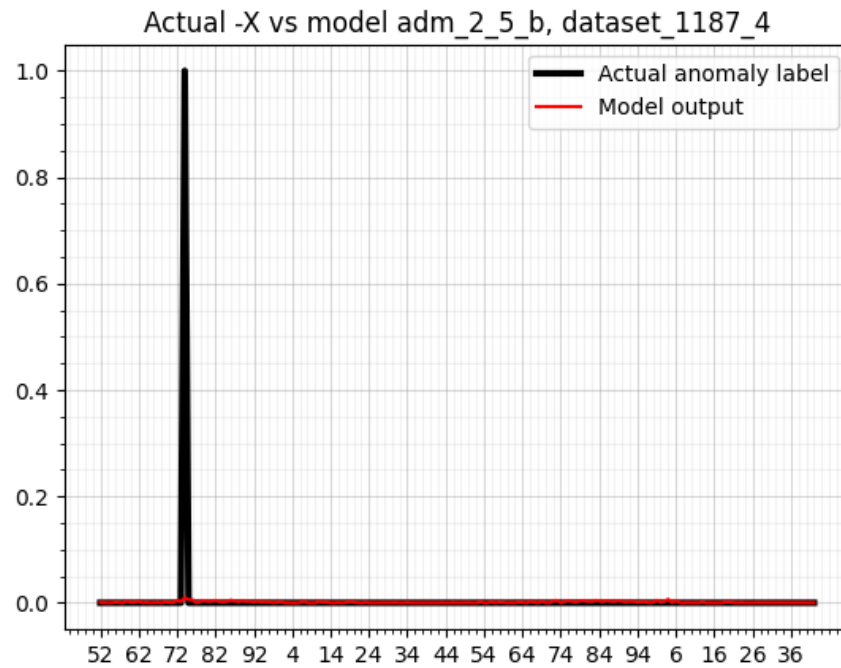
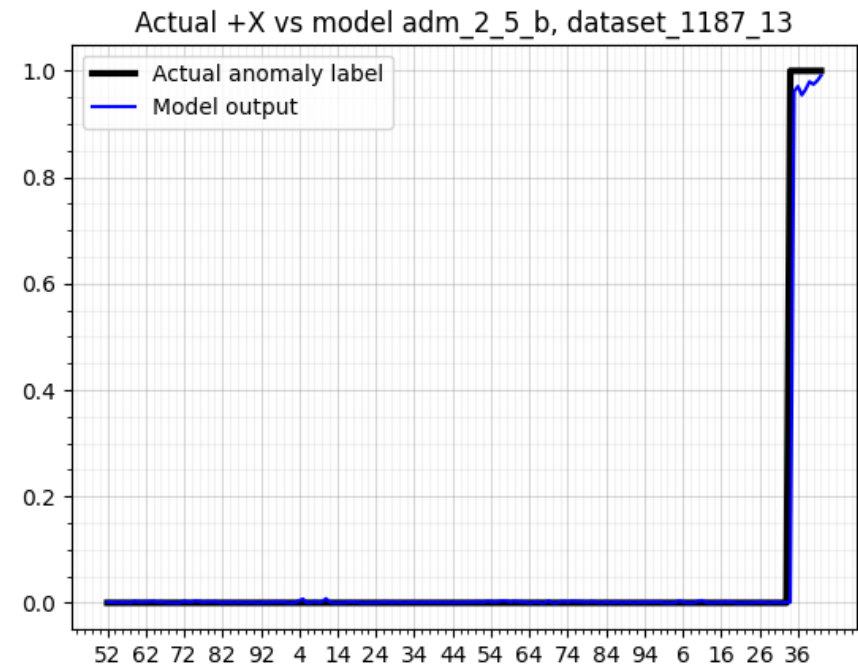
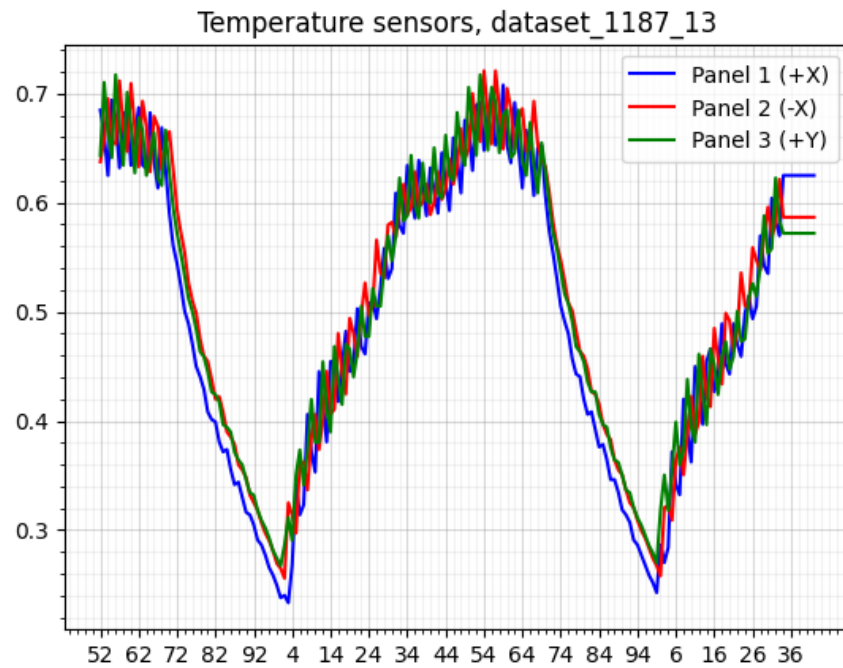


Figure 8: model inferences on dataset\_1187\_4\_sens.png



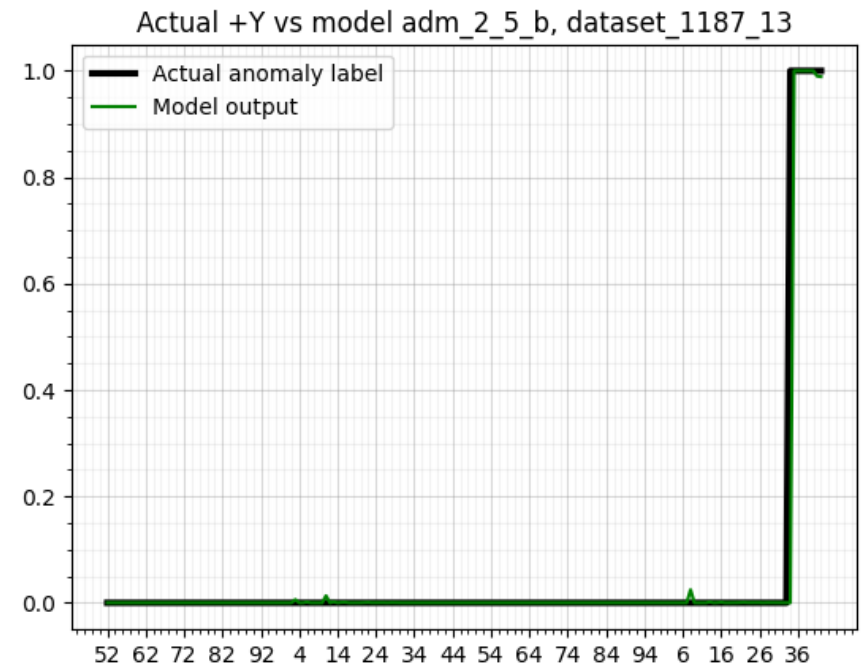
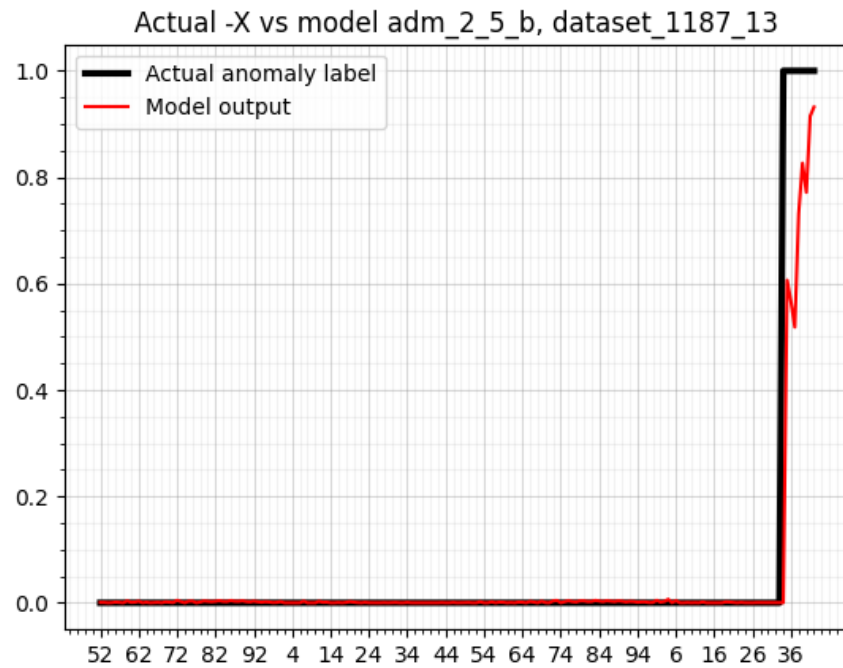
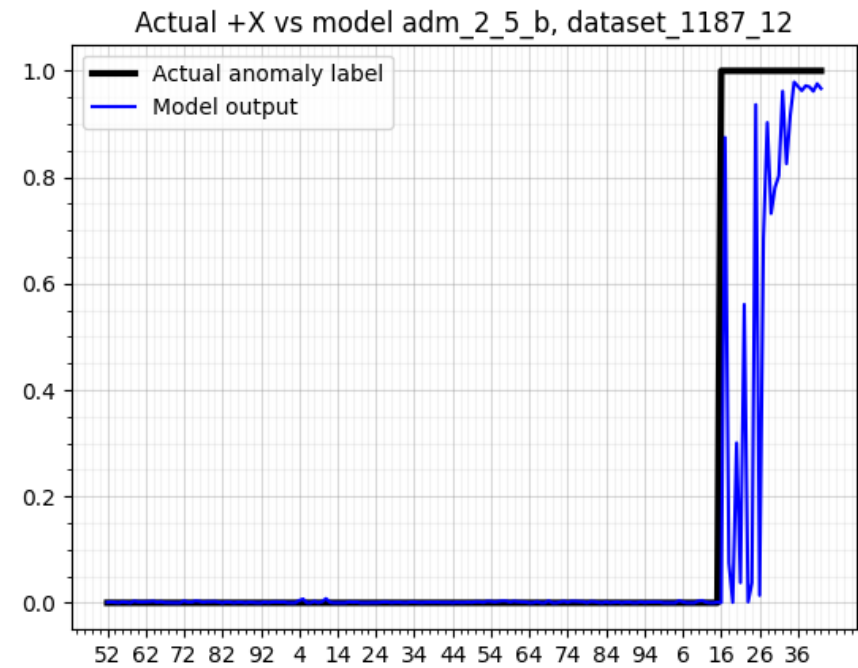
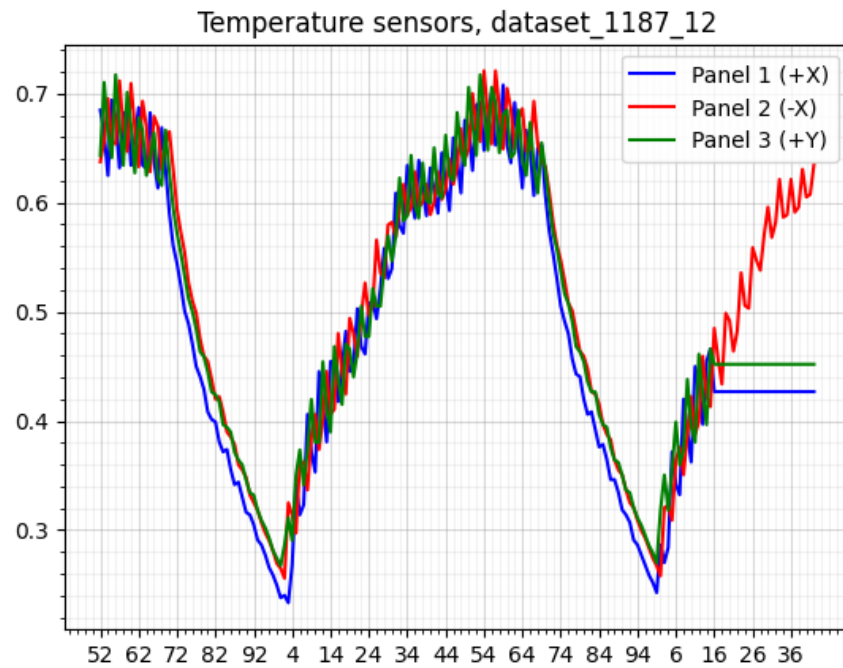


Figure 9: model inferences on dataset\_1187\_13\_sens.png



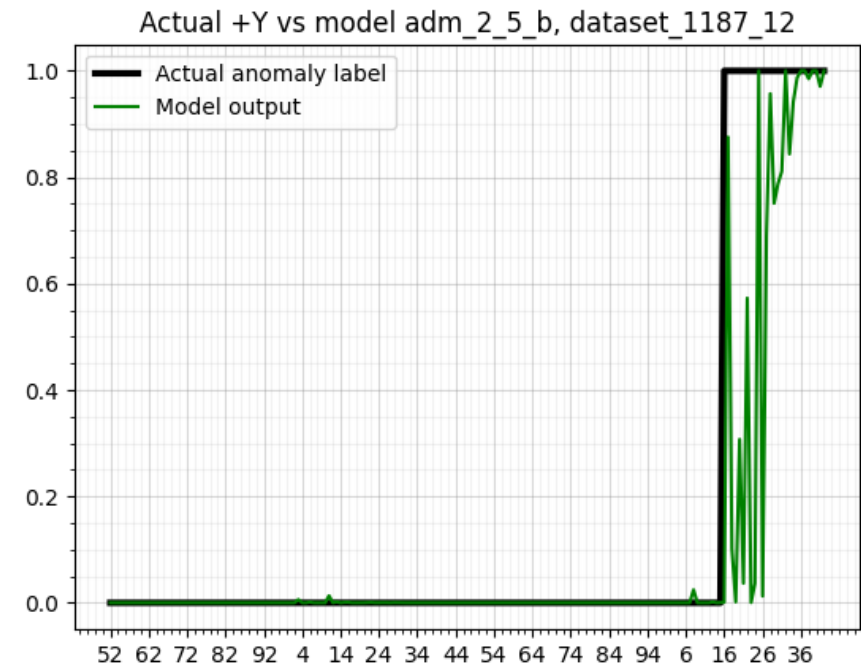
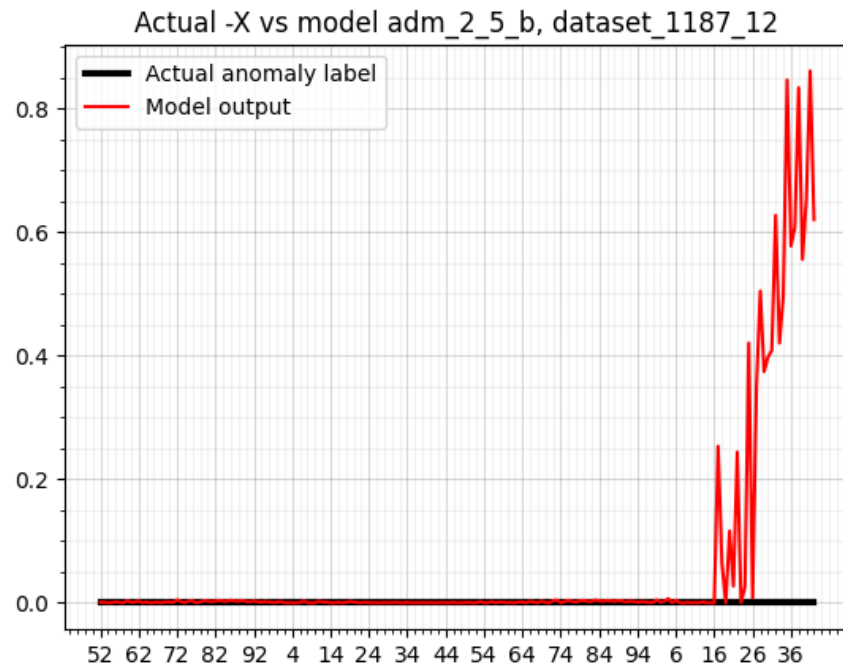
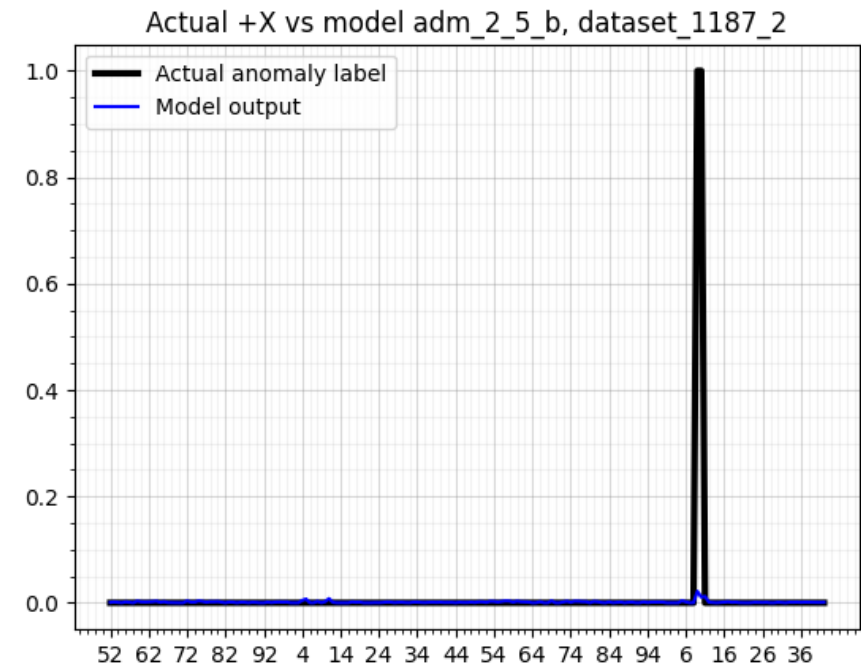
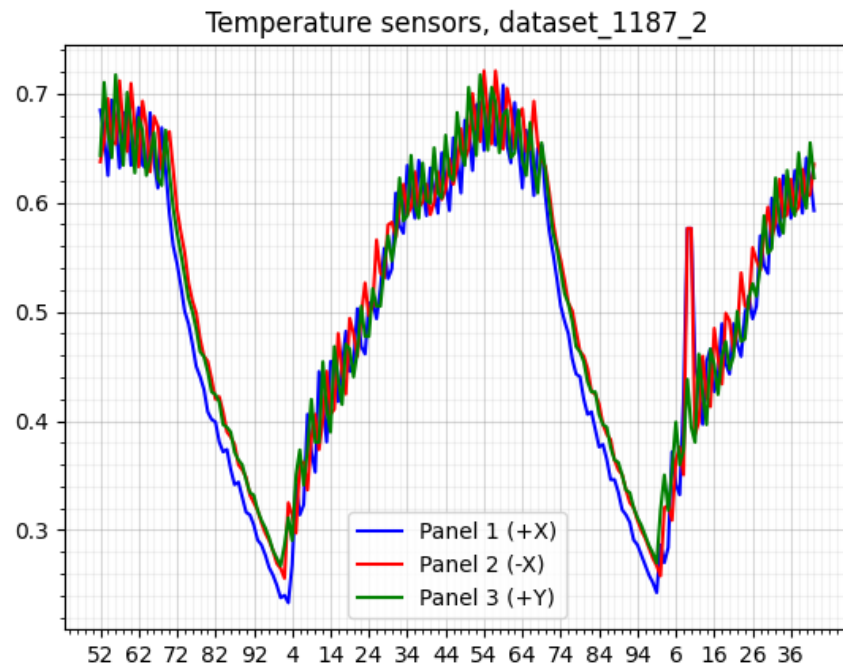


Figure 10: model inferences on dataset\_1187\_12\_sens.png



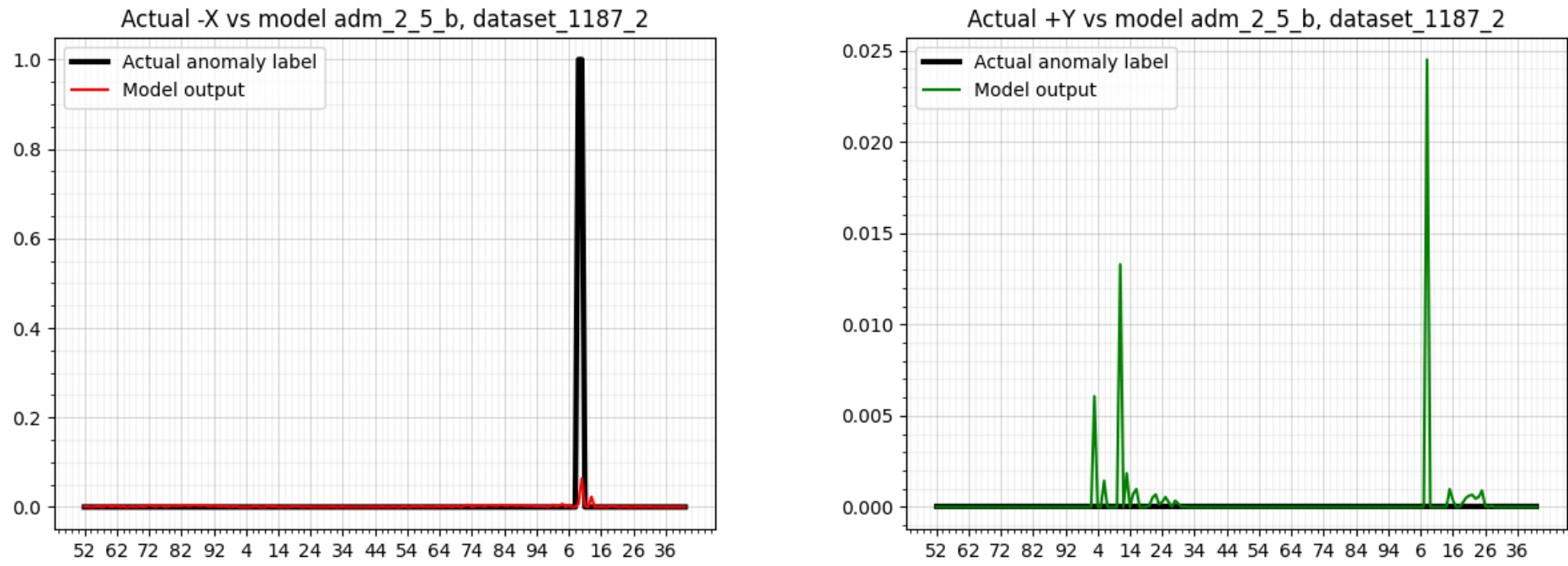
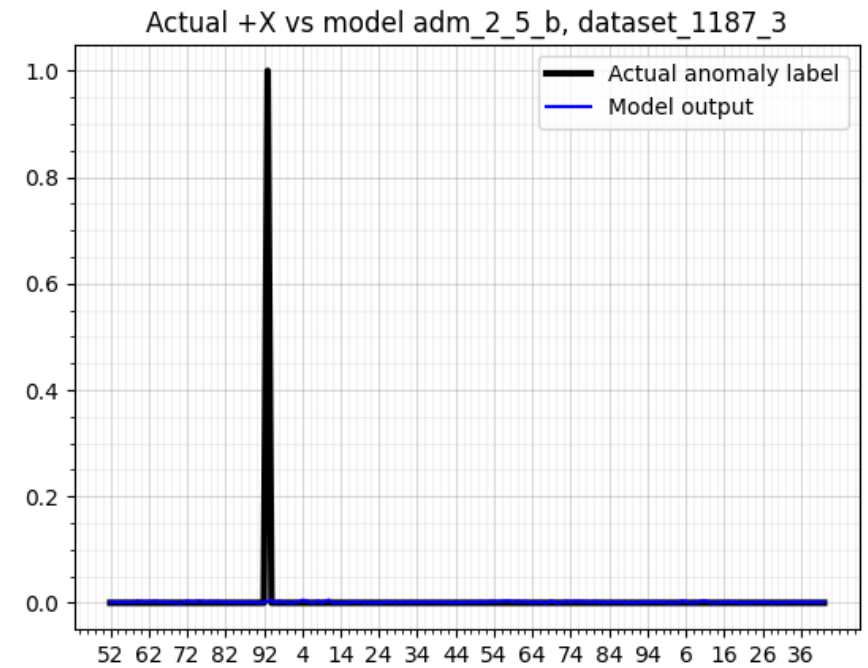
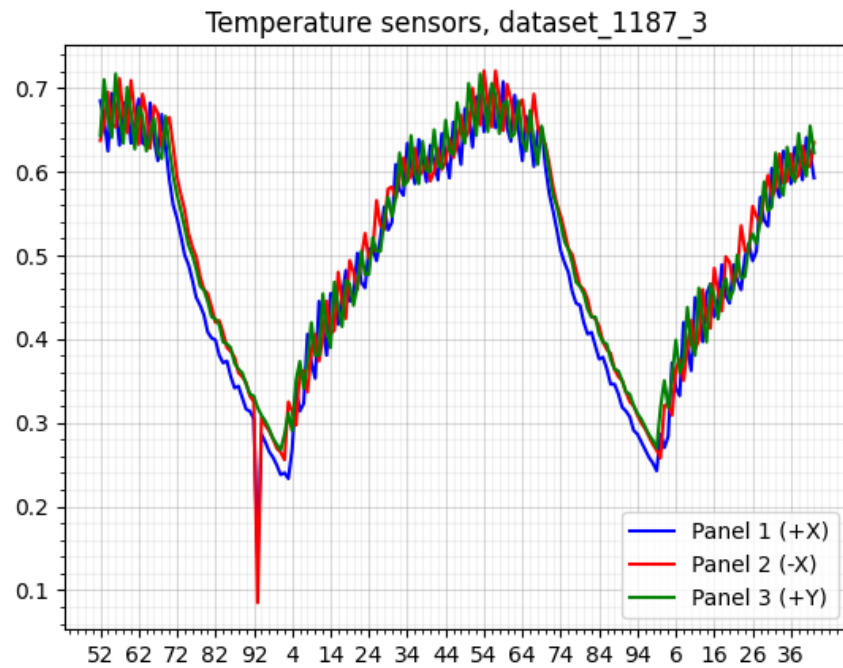


Figure 11: model inferences on dataset\_1187\_2\_sens.png





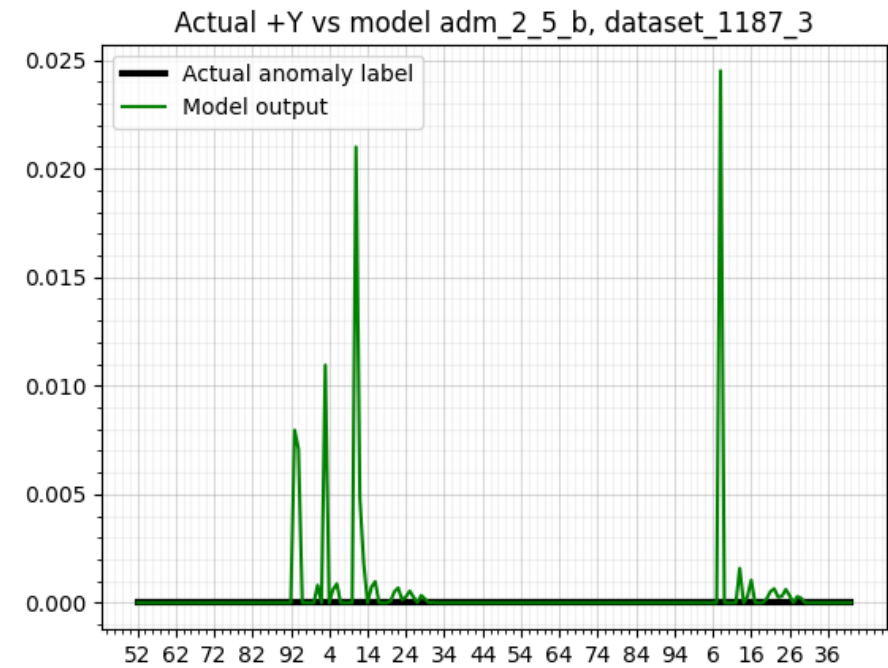
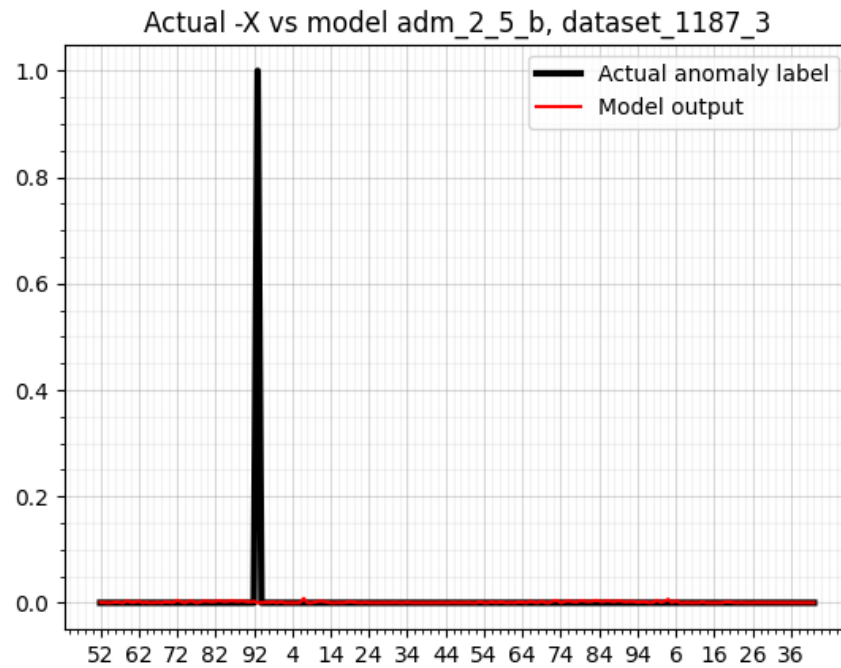
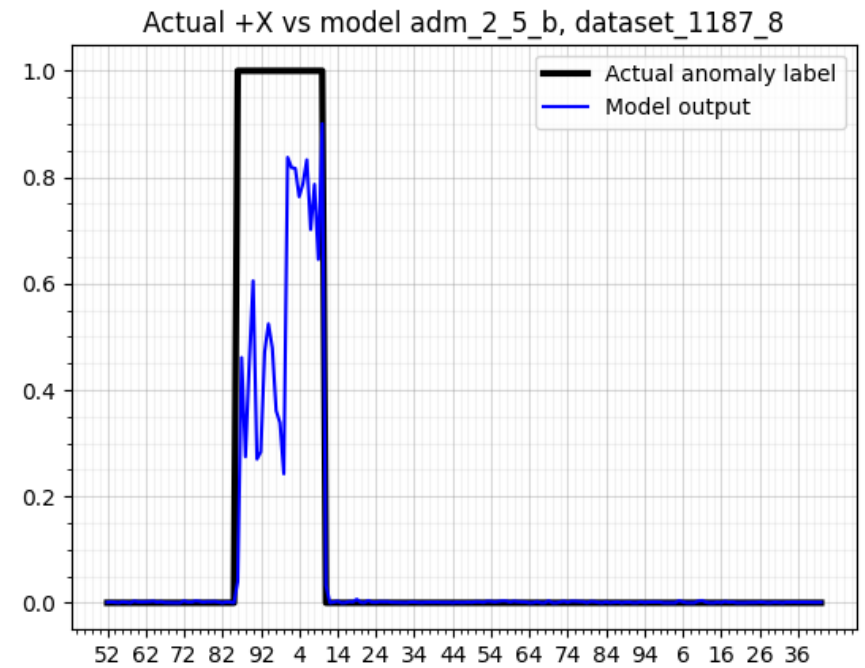
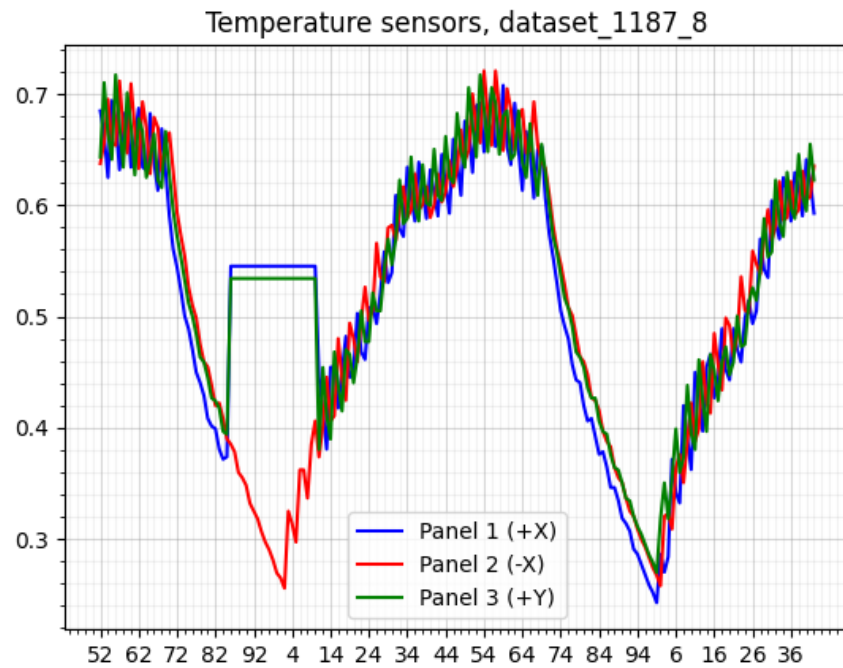


Figure 12: model inferences on dataset\_1187\_3\_sens.png



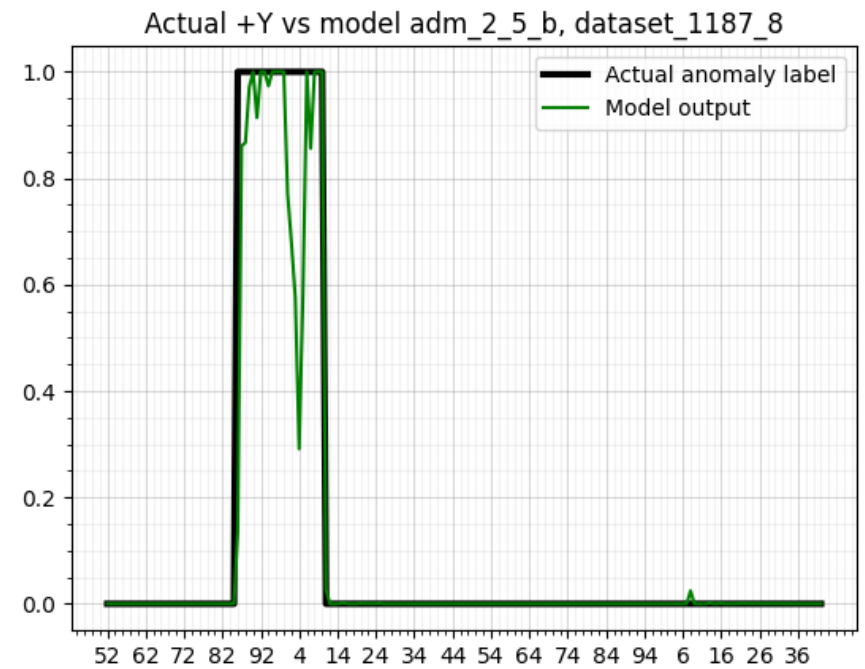
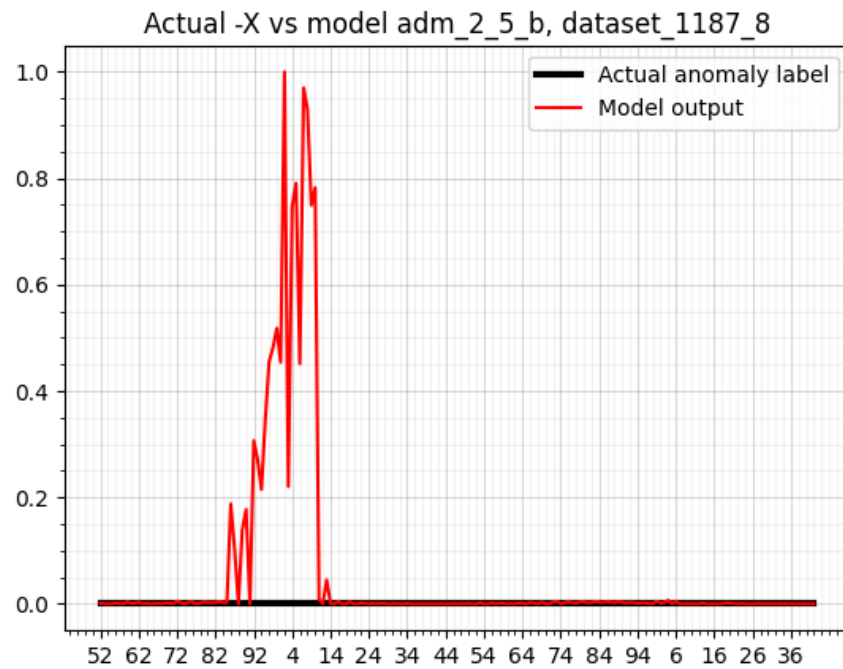
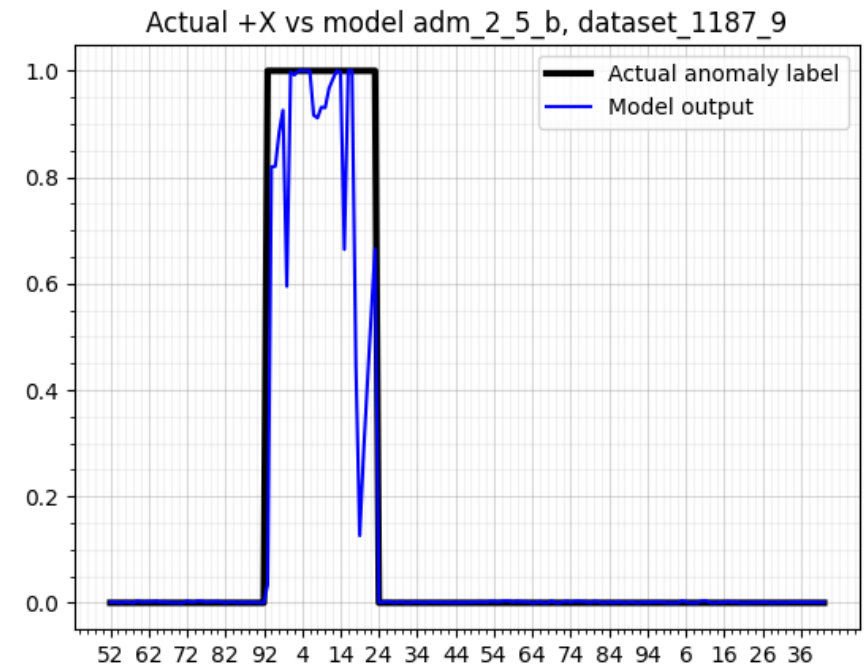
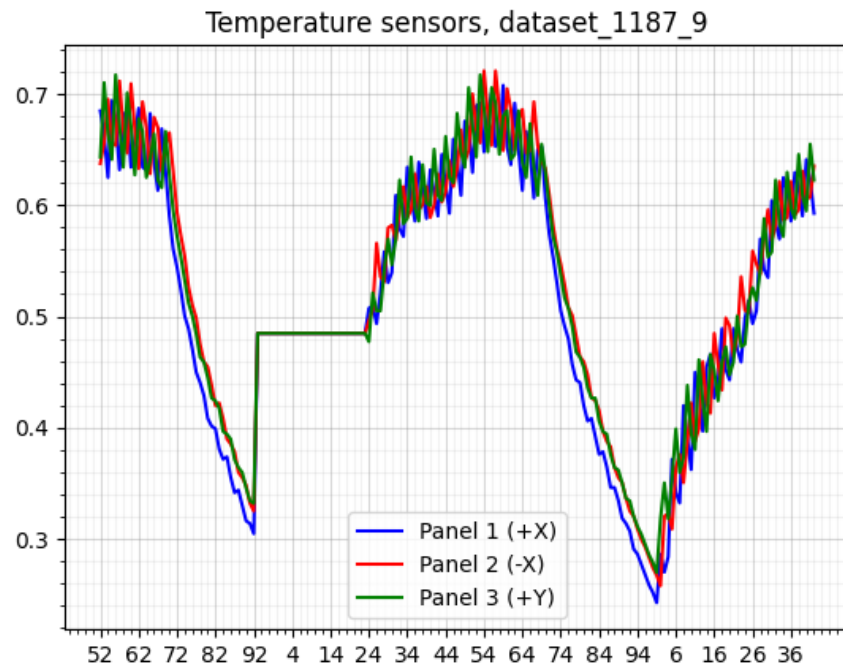


Figure 13: model inferences on dataset\_1187\_8\_sens.png



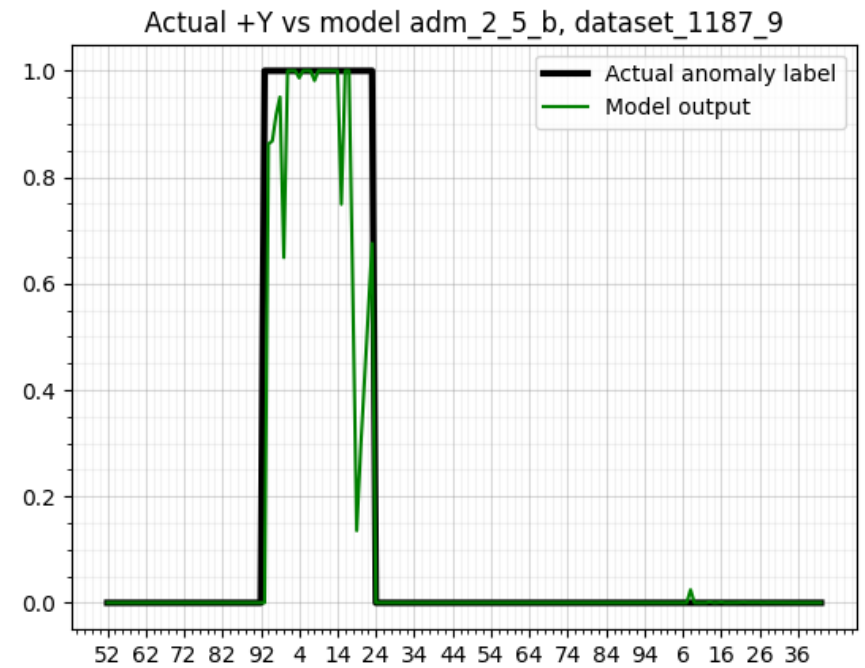
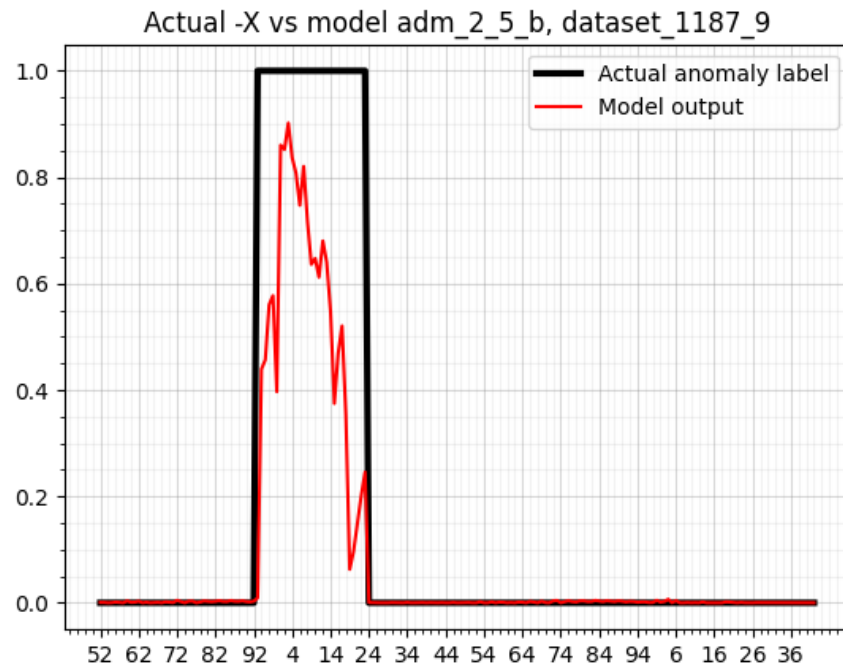


Figure 14: model inferences on dataset\_1187\_9\_sens.png