

# TF test report 1.0

**Test time: 05.05.2023**

**Model name: adm\_12.h**

**Model type: MLP**

**Model description: 60x32x32x32x1 MLP to detect based on the previous 20 points from 3 panels. Re-trained on a smaller dataset. Tested on previously unseen data.**

**Model data size: NA**

## Test results:

**Accuracy on NO anomalies (0): 0.9996**

**Accuracy on ANOMALIES (1): 0.9387**

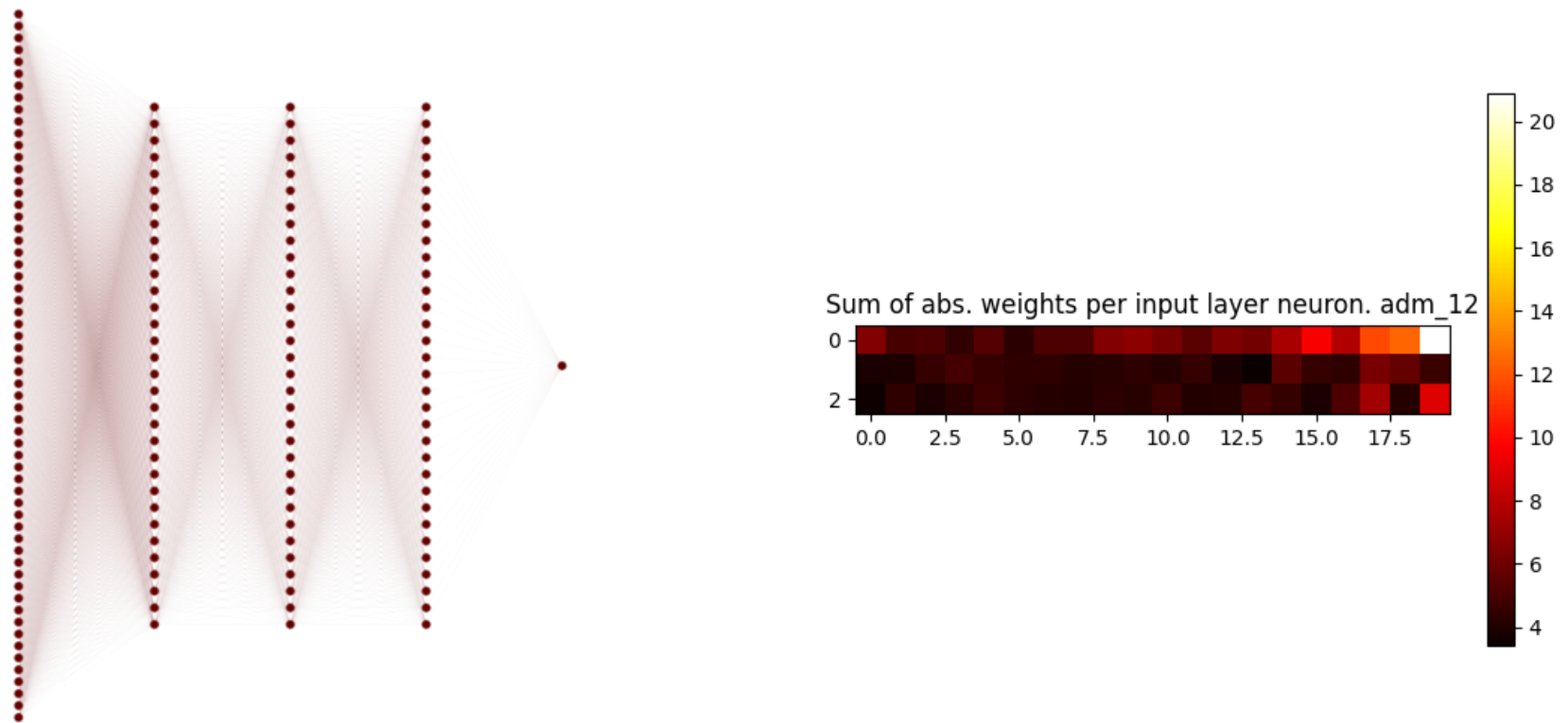


Figure 0: a) model structure (made with <http://alexlenail.me/NN-SVG/index.html>) b) Input data weight comparison

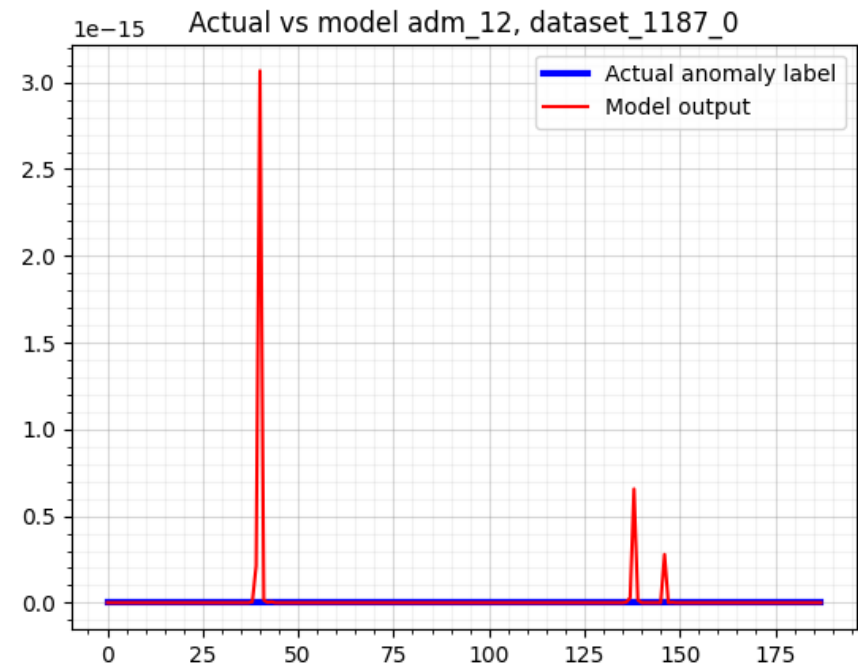
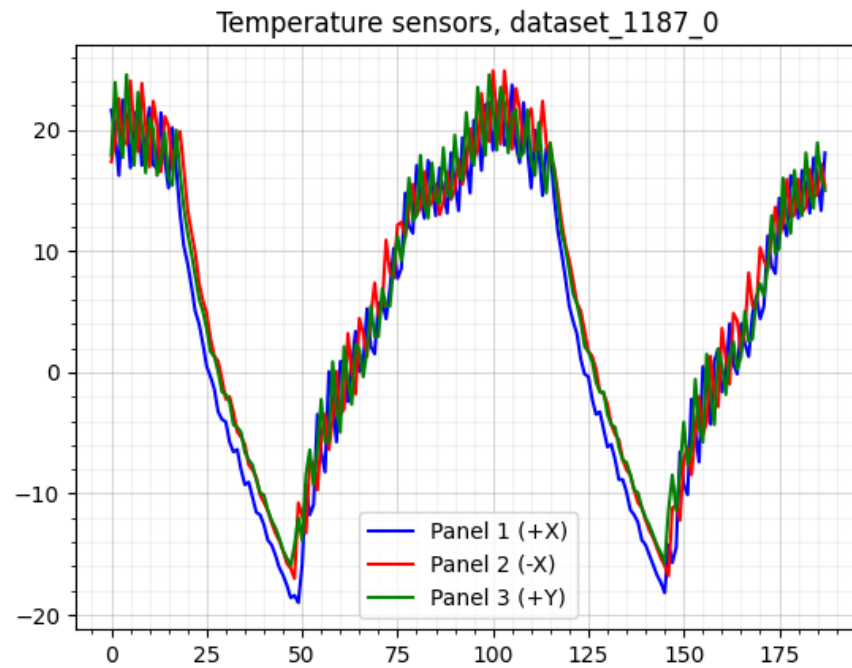


Figure 1: model inferences on dataset\_1187\_0\_sens.png

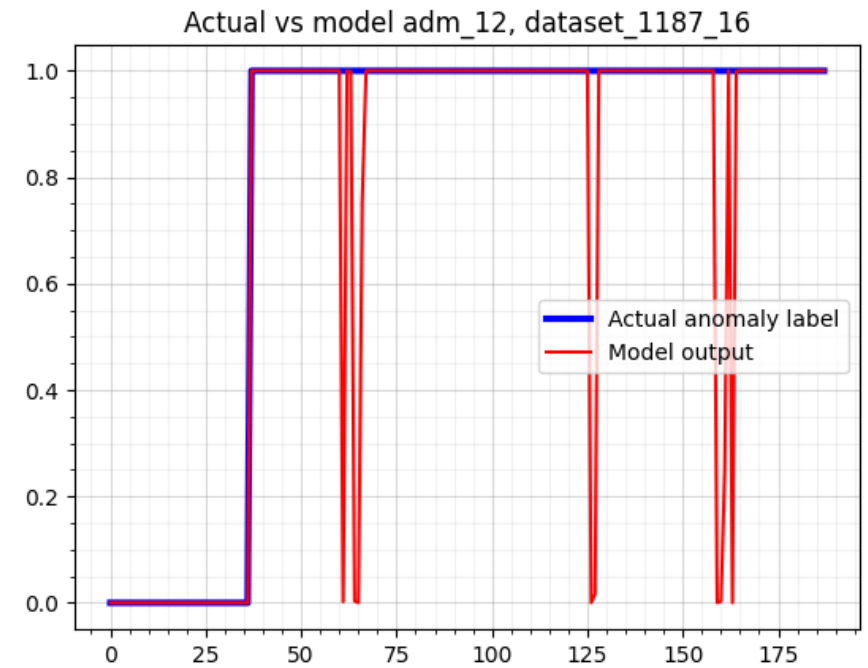
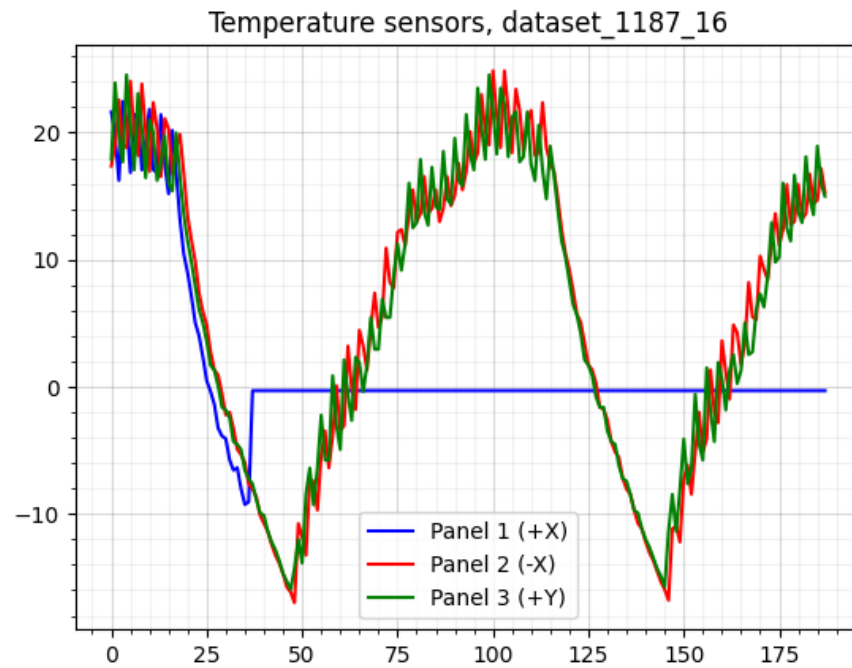


Figure 2: model inferences on dataset\_1187\_16\_sens.png

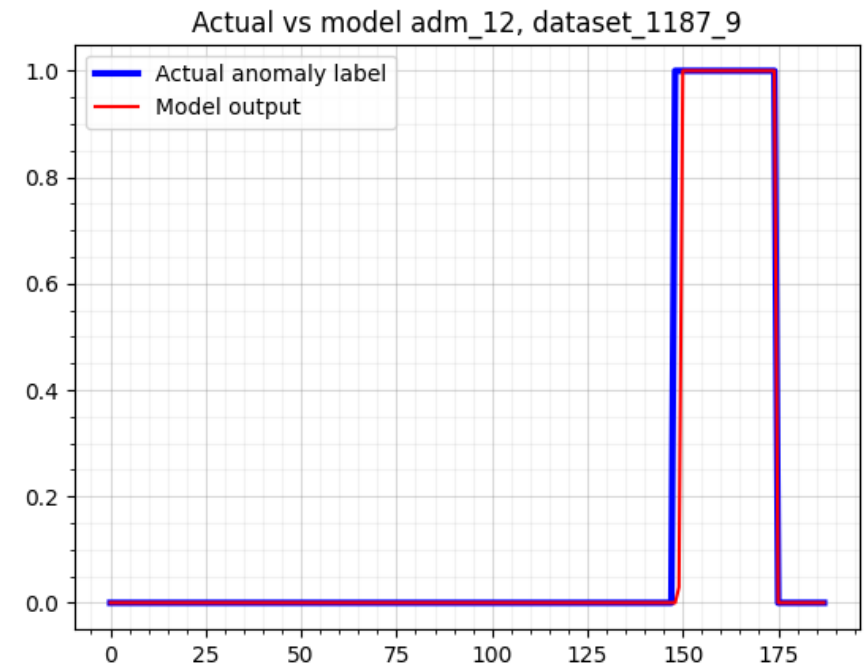
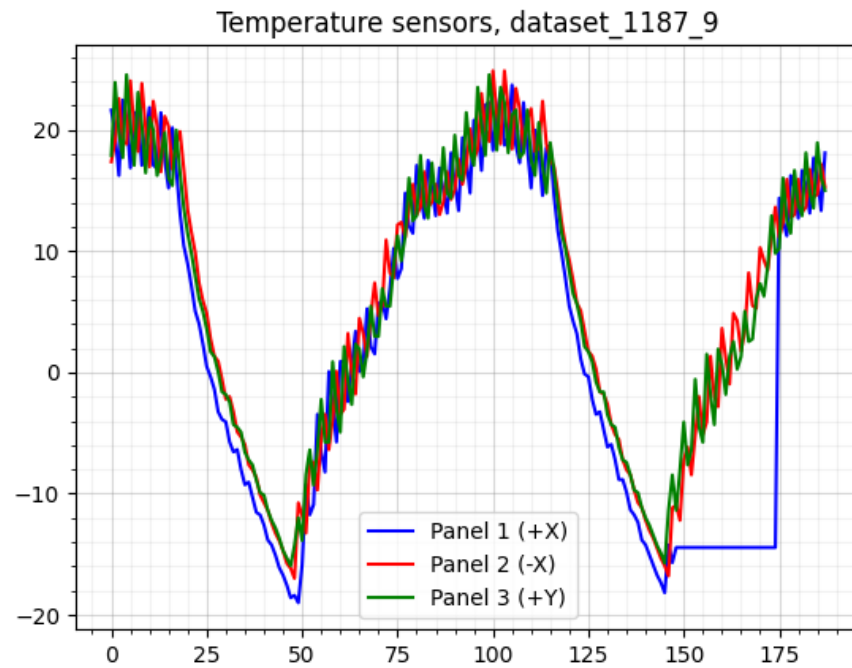


Figure 3: model inferences on dataset\_1187\_9\_sens.png

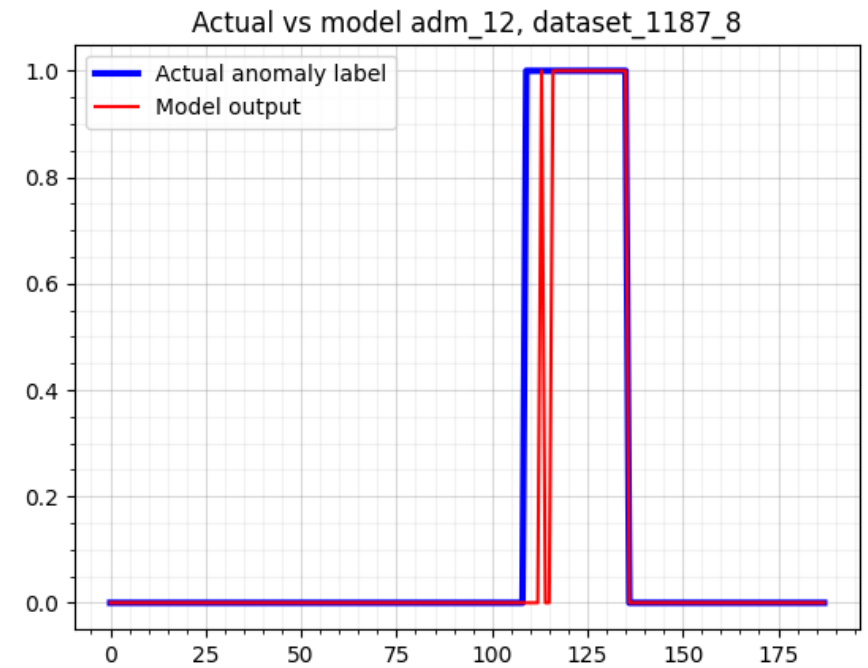
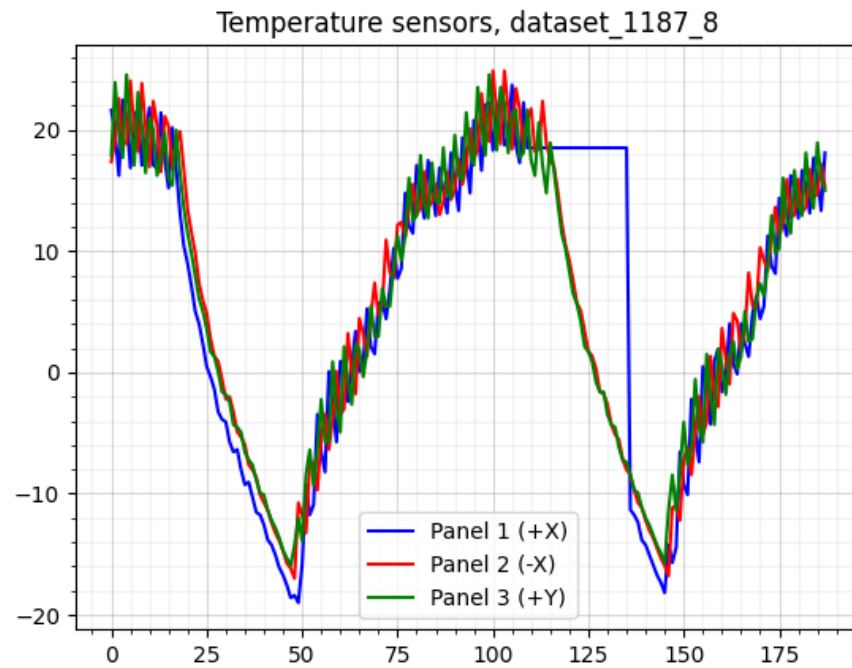


Figure 4: model inferences on dataset\_1187\_8\_sens.png

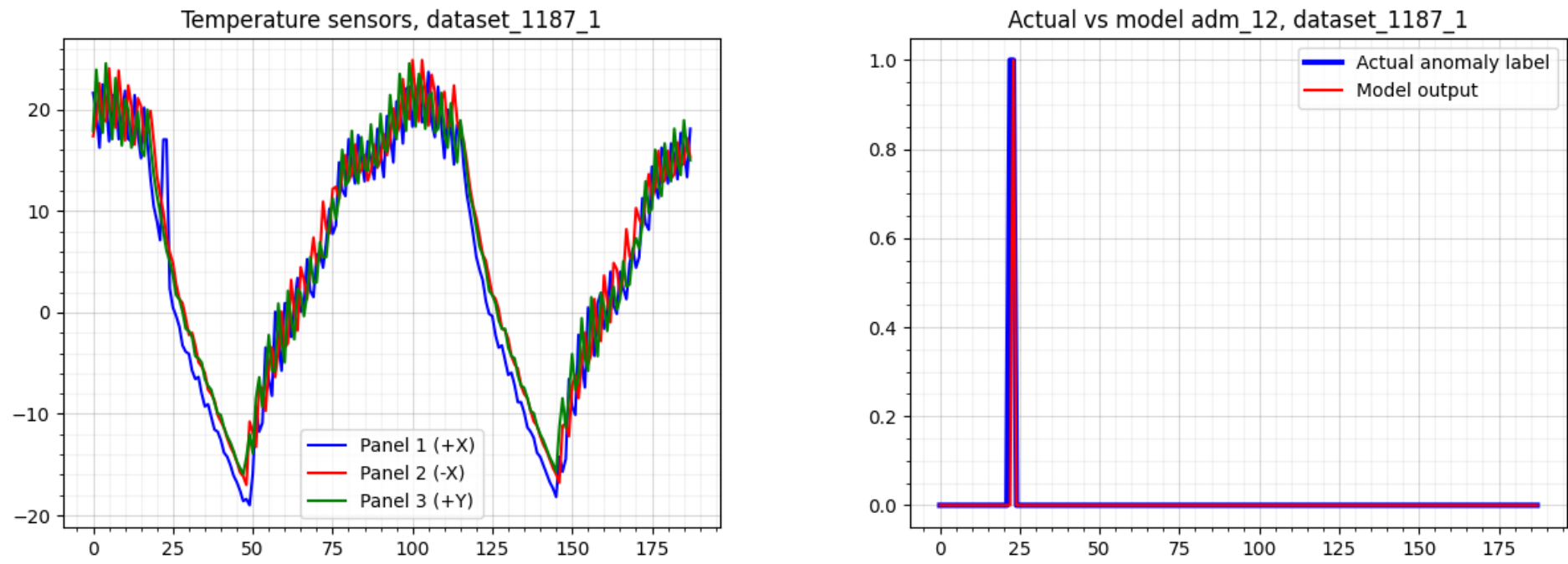


Figure 5: model inferences on dataset\_1187\_1\_sens.png

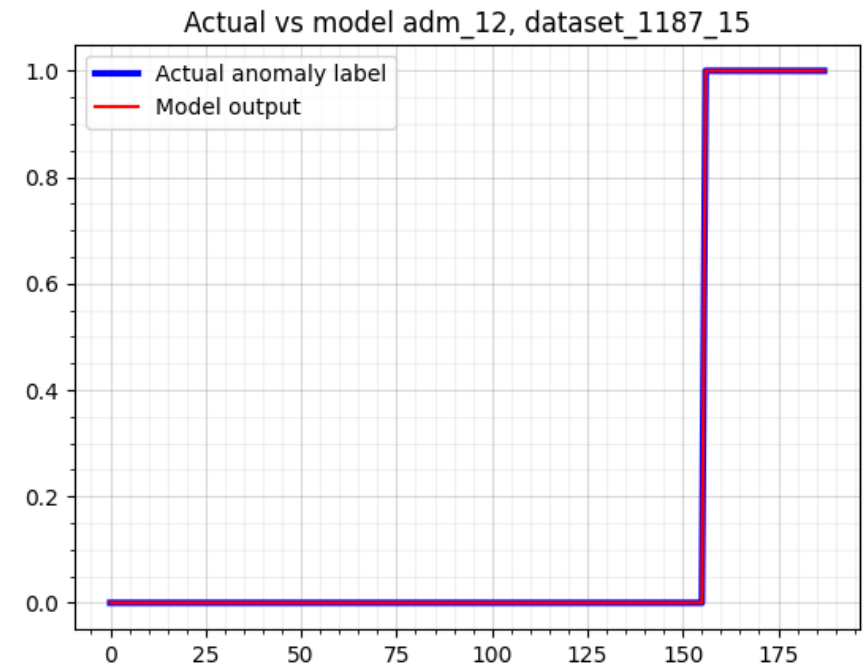
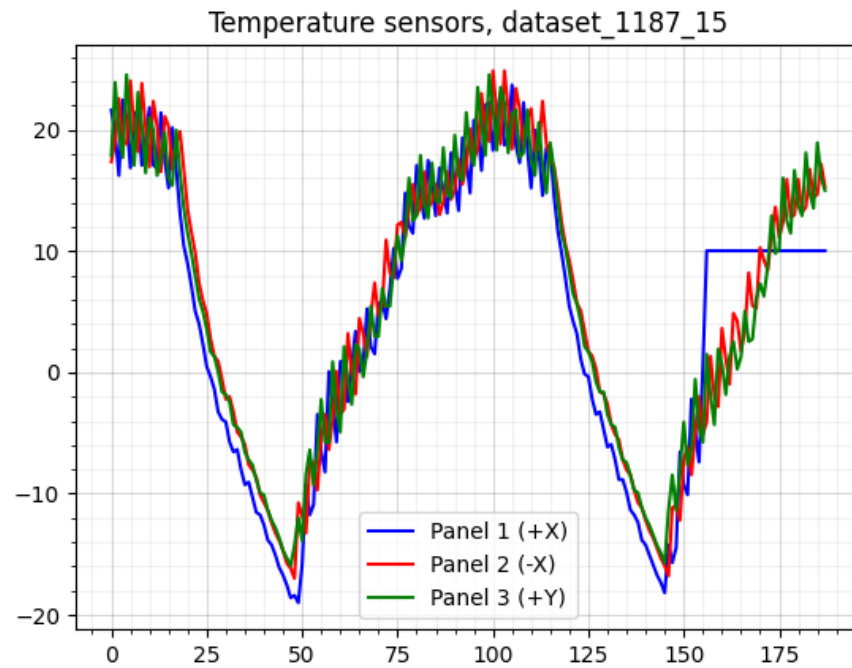


Figure 6: model inferences on dataset\_1187\_15\_sens.png



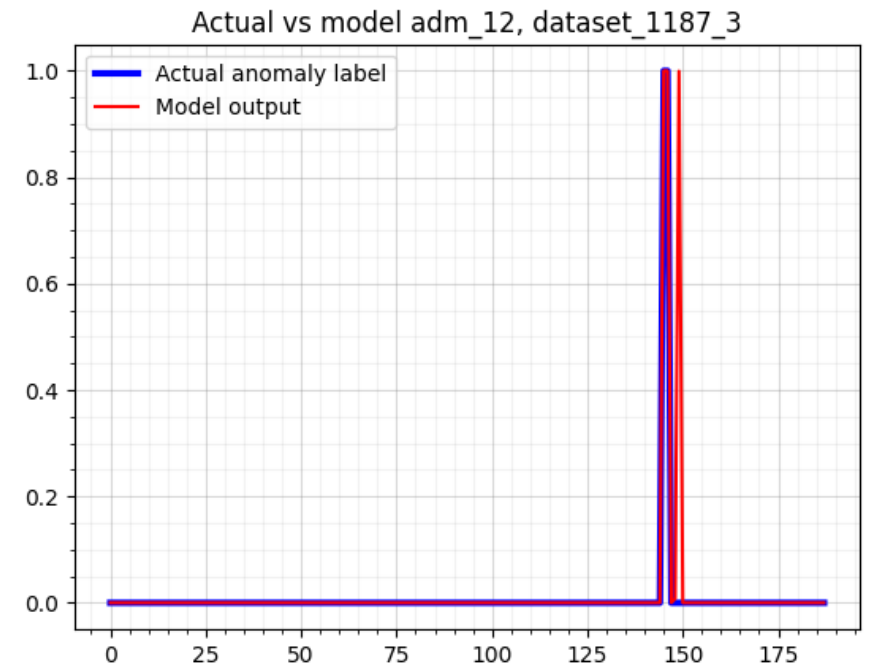
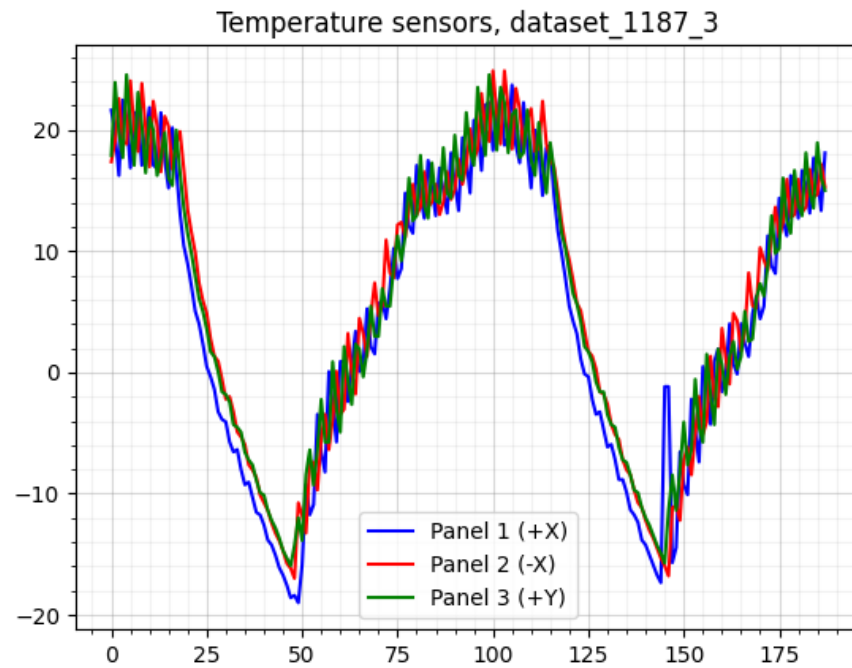


Figure 7: model inferences on dataset\_1187\_3\_sens.png

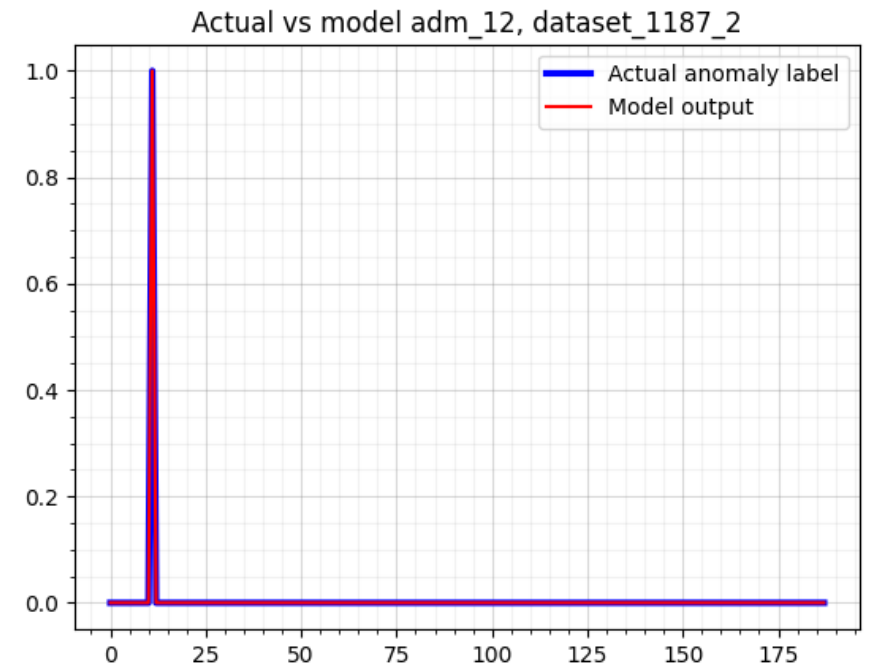
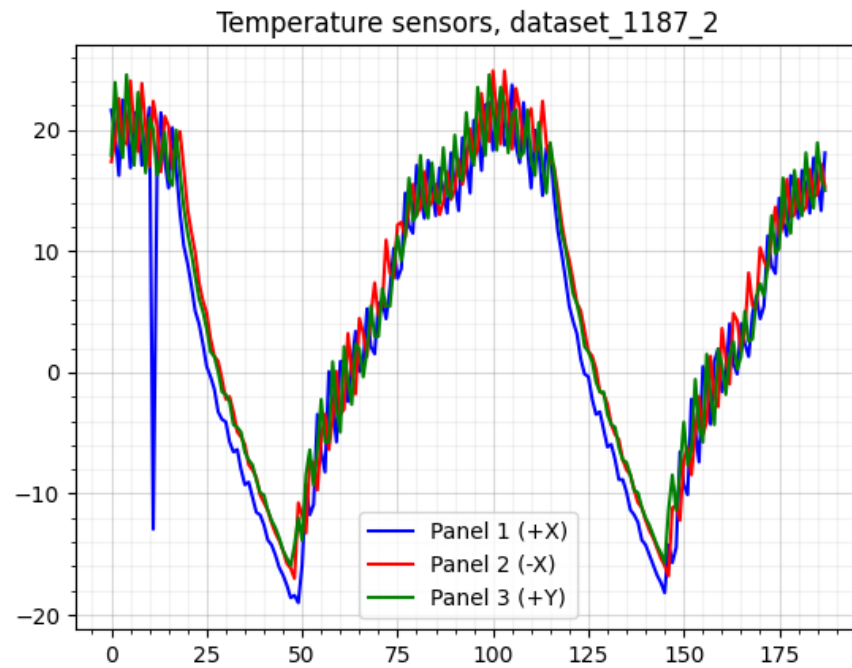


Figure 8: model inferences on dataset\_1187\_2\_sens.png

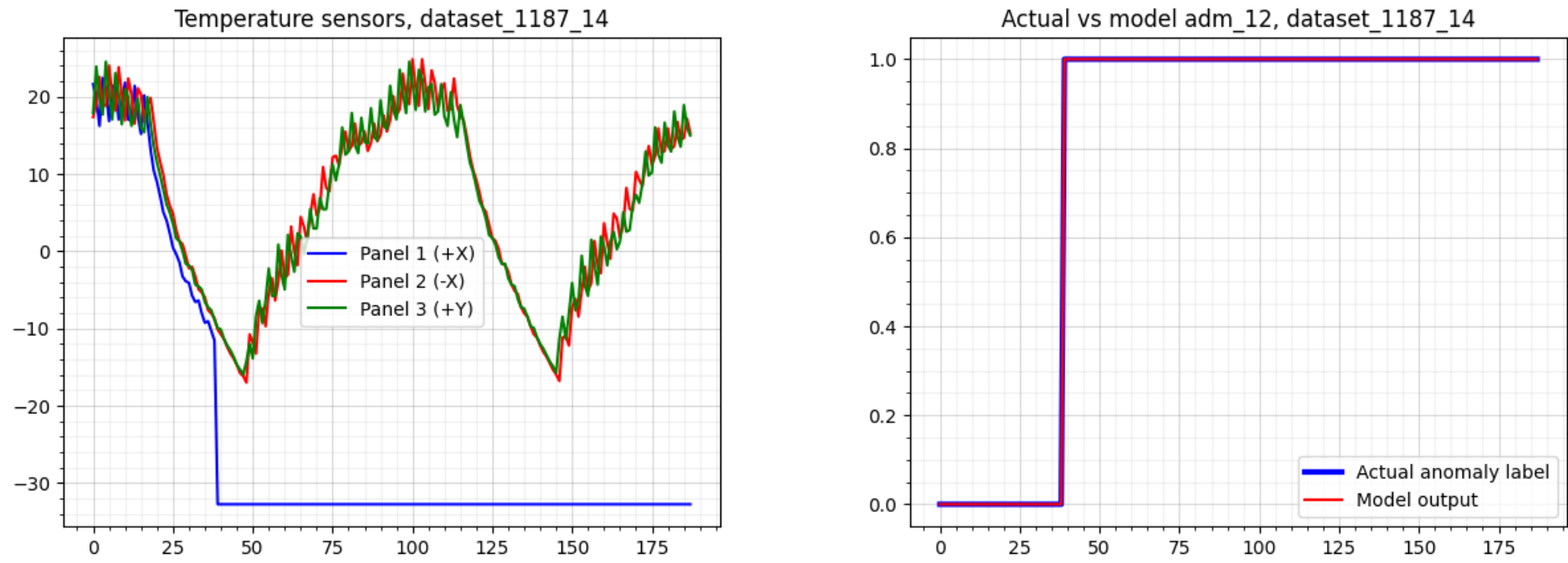


Figure 9: model inferences on dataset\_1187\_14\_sens.png

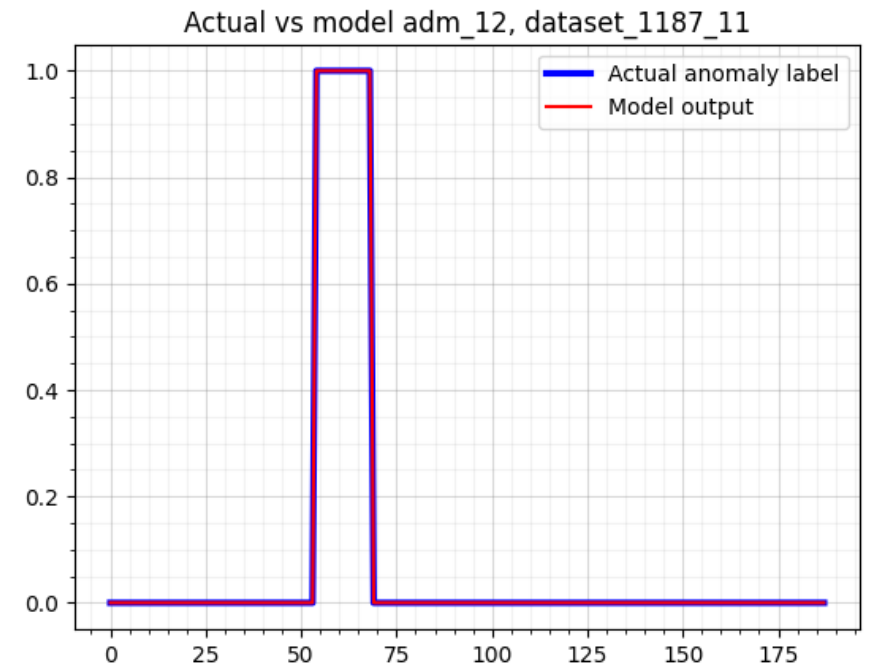
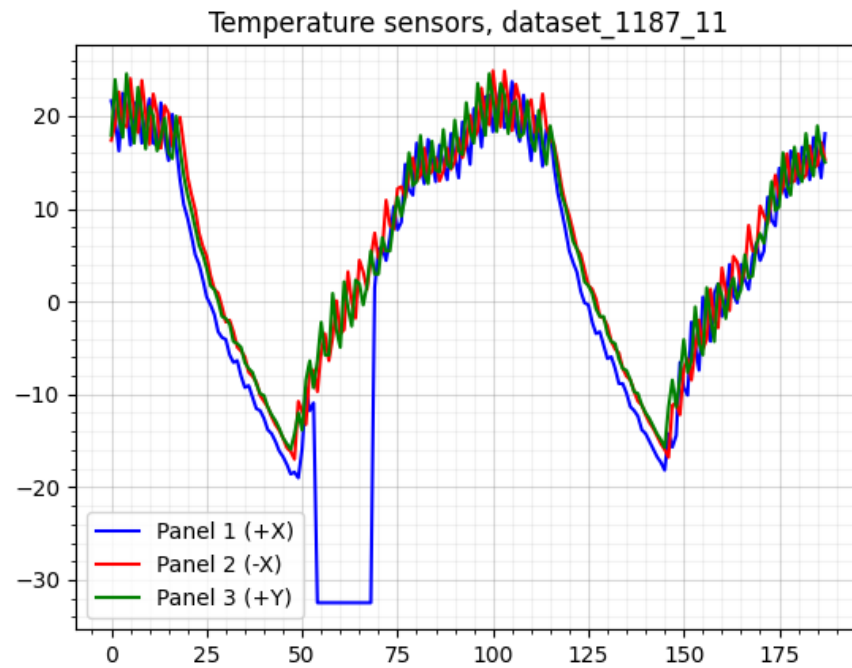


Figure 10: model inferences on dataset\_1187\_11\_sens.png

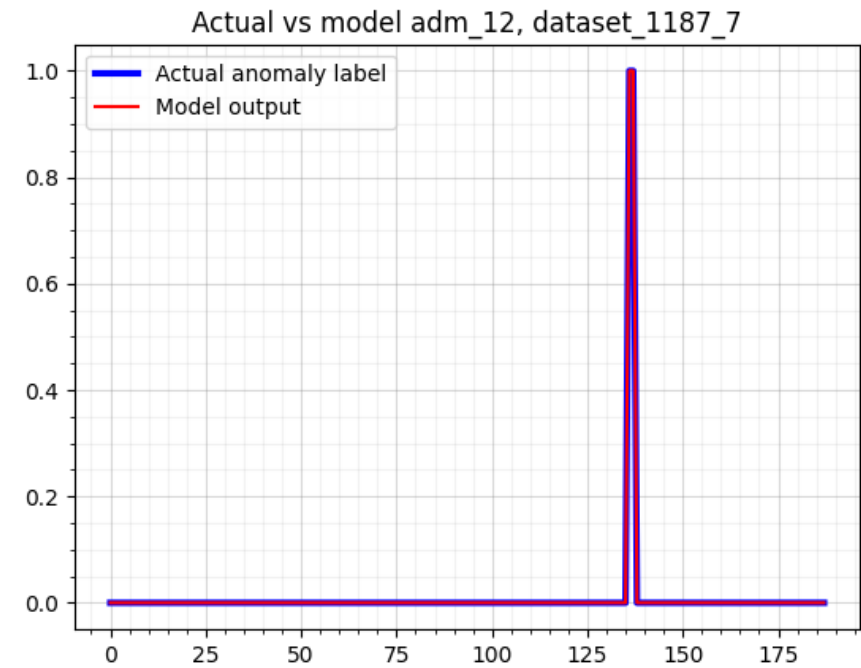
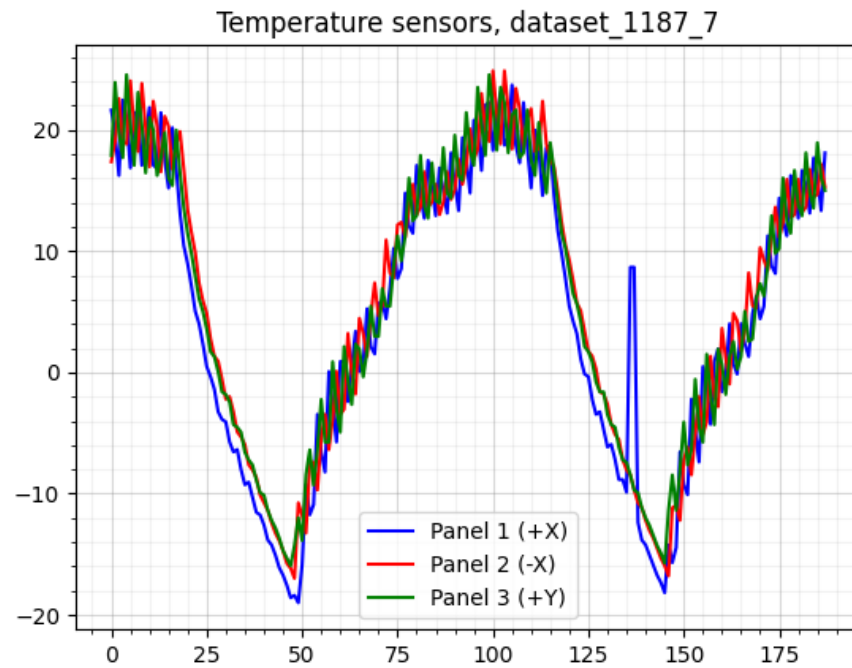


Figure 11: model inferences on dataset\_1187\_7\_sens.png

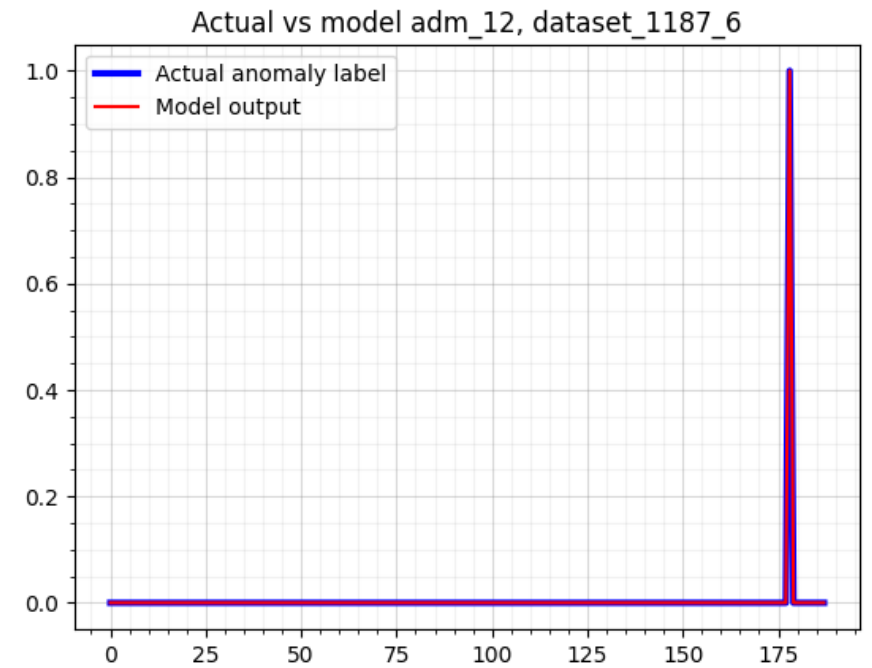
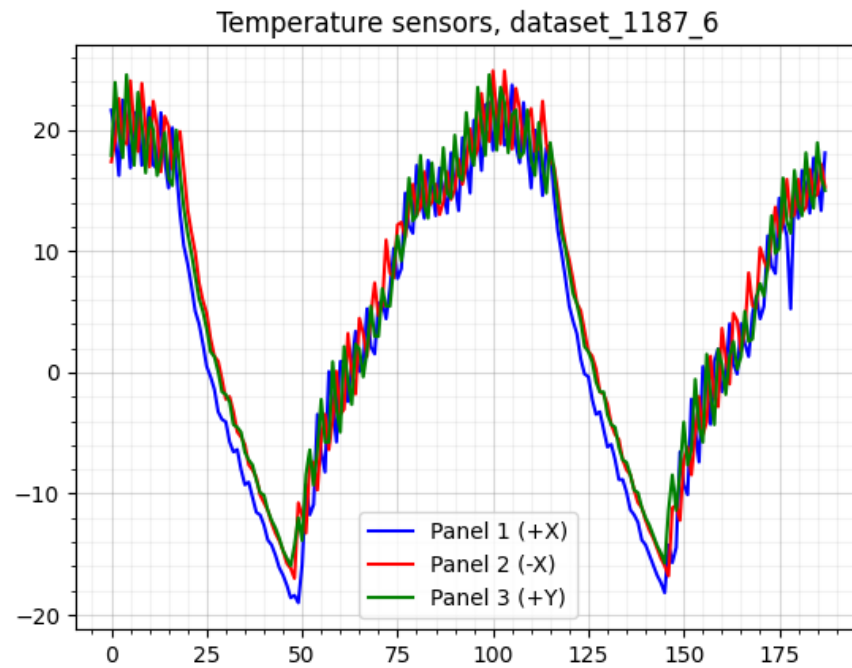


Figure 12: model inferences on dataset\_1187\_6\_sens.png

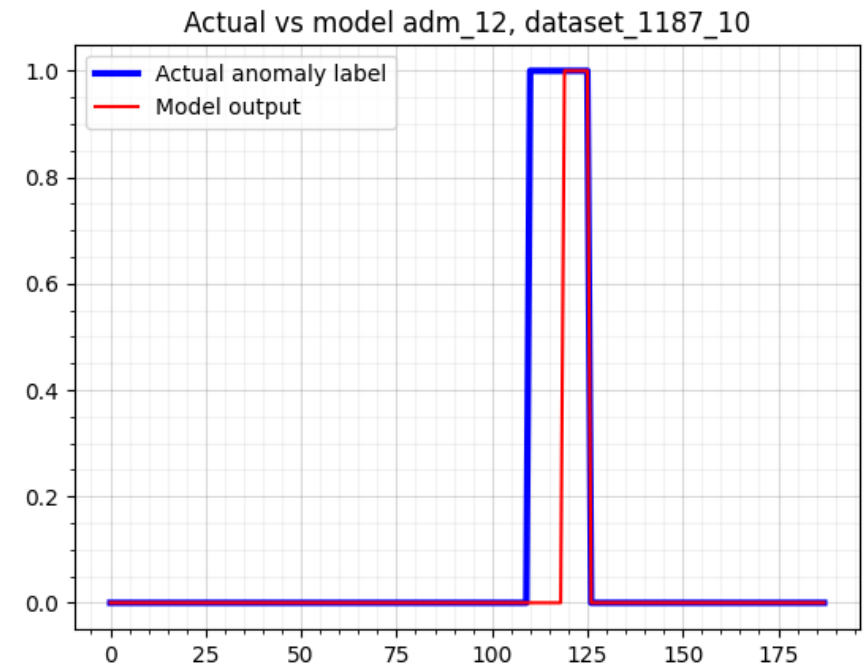
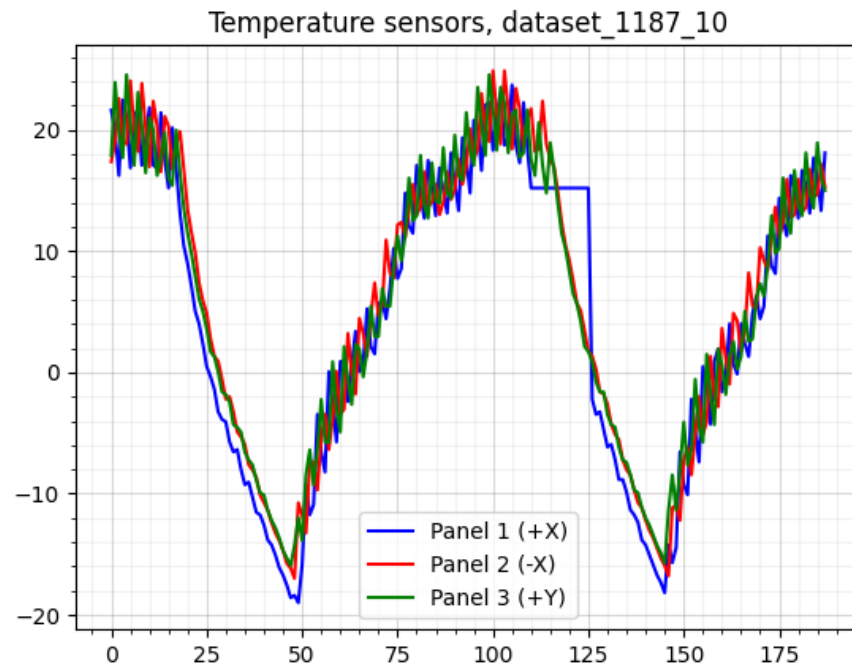


Figure 13: model inferences on dataset\_1187\_10\_sens.png

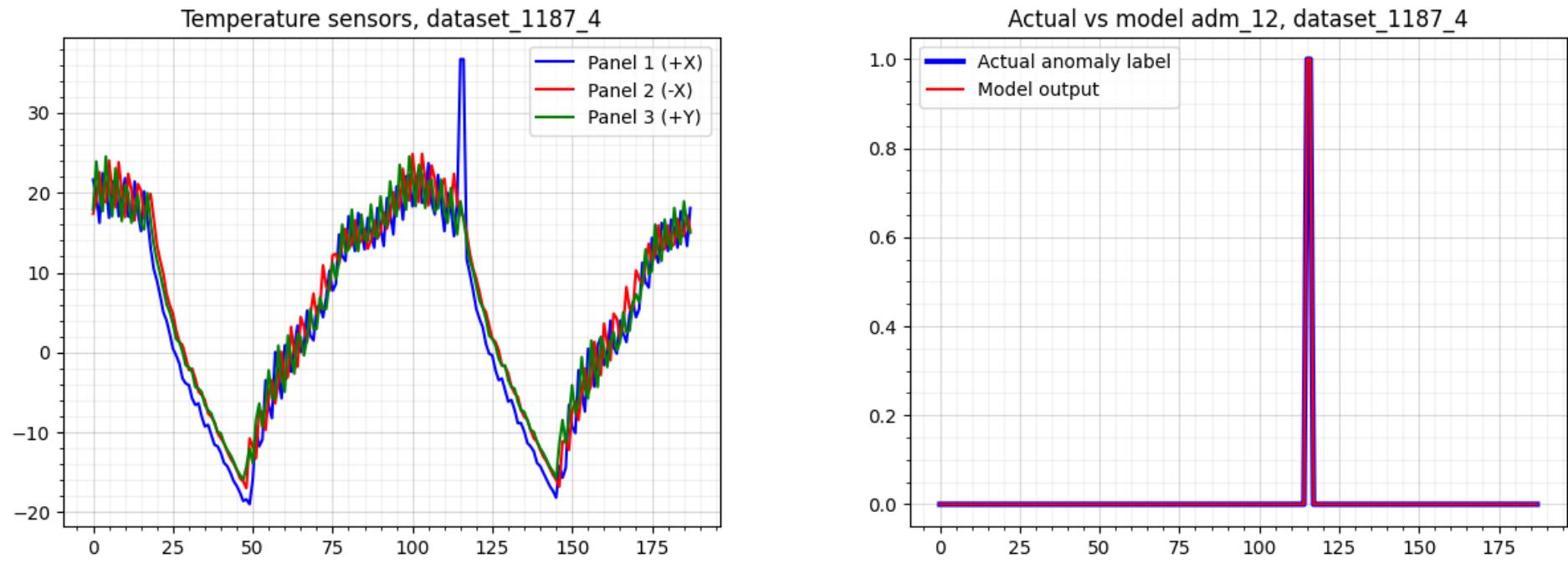


Figure 14: model inferences on dataset\_1187\_4\_sens.png



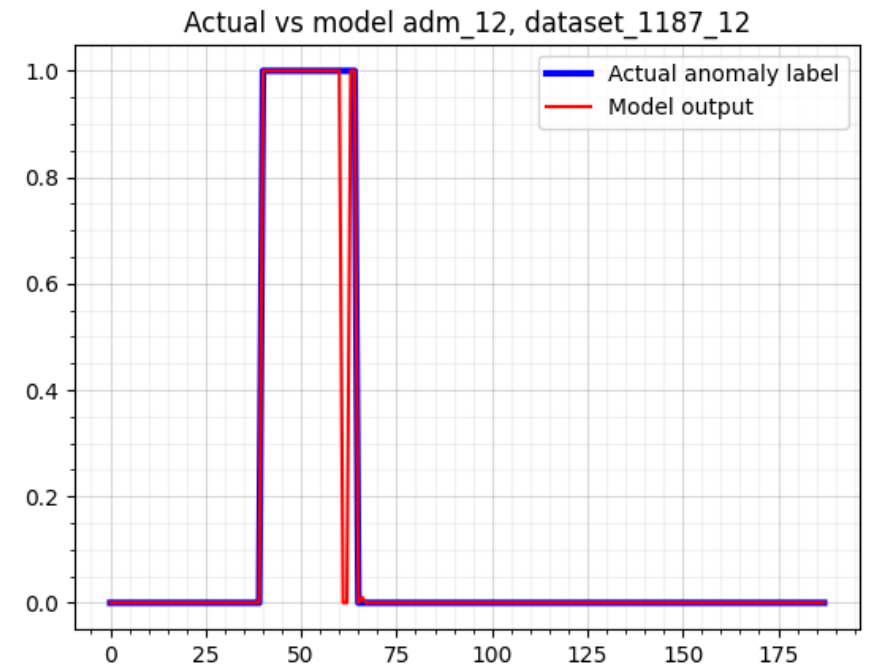
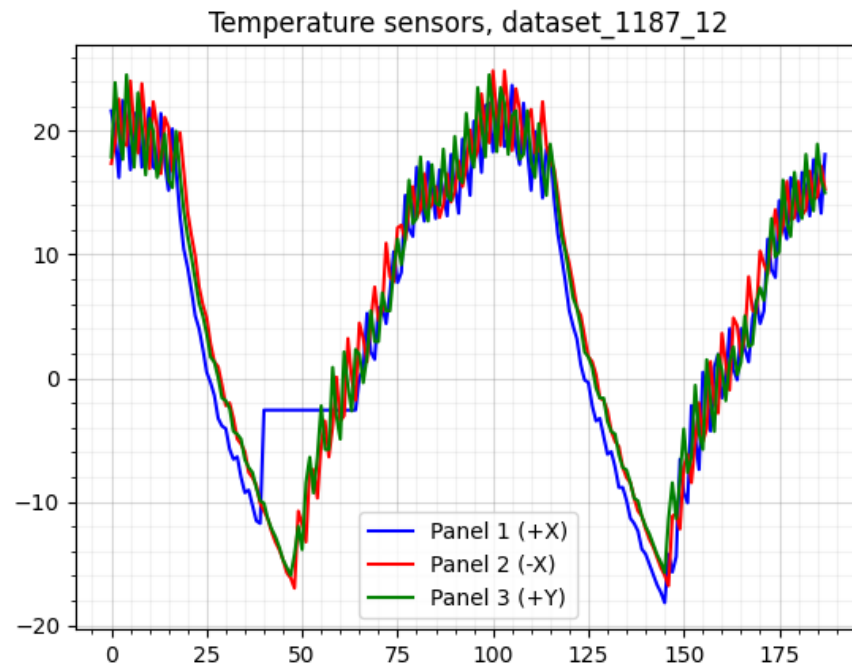


Figure 15: model inferences on dataset\_1187\_12\_sens.png

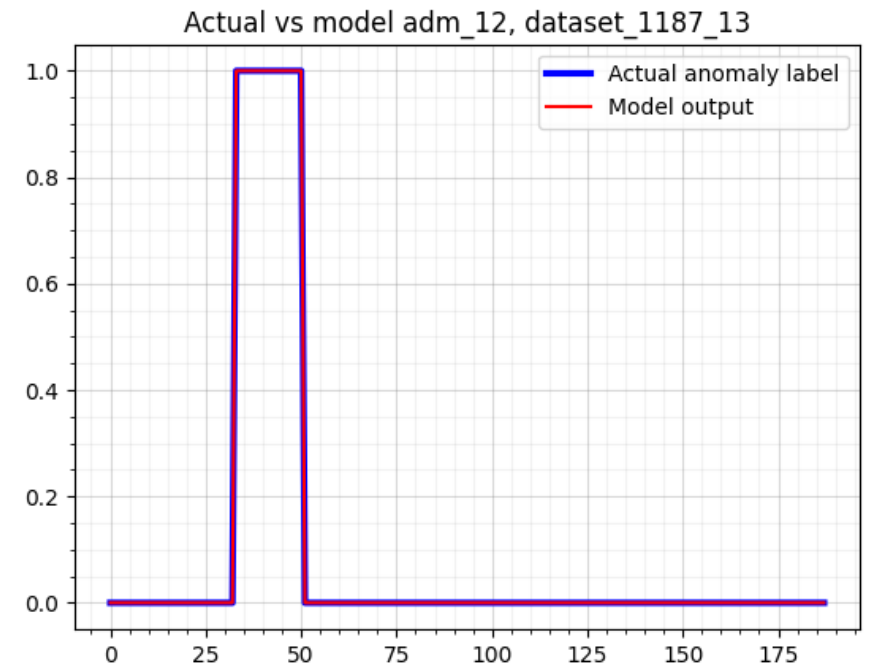
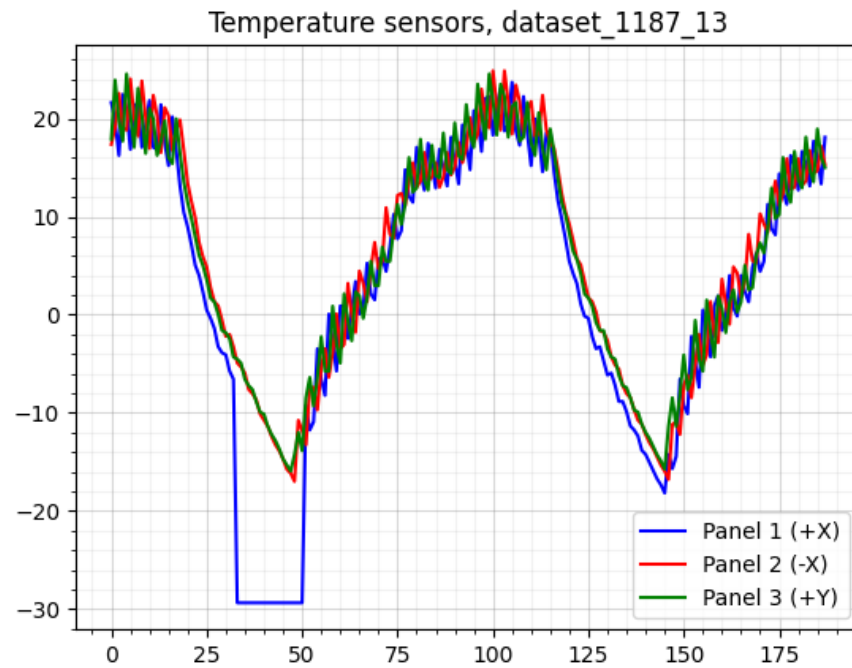


Figure 16: model inferences on dataset\_1187\_13\_sens.png

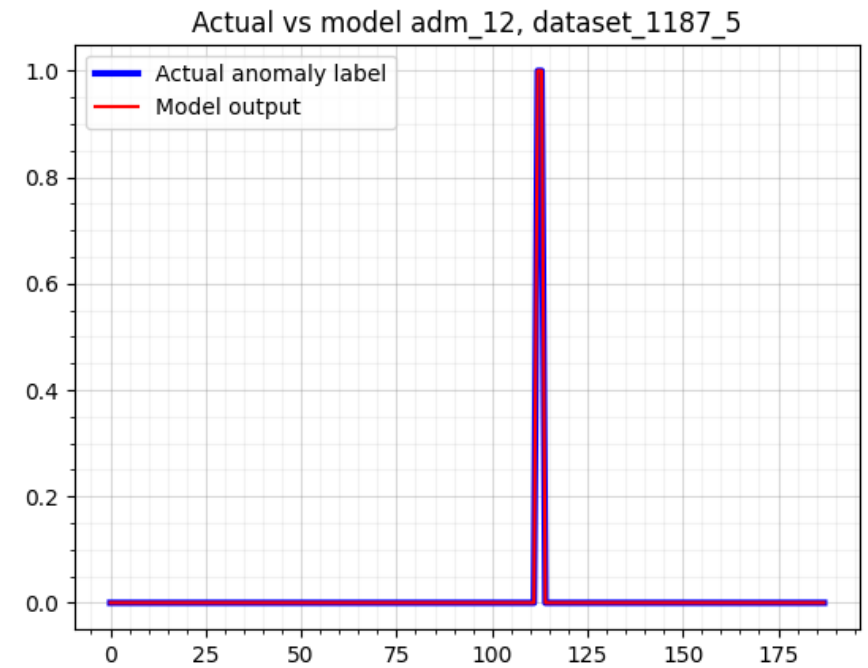
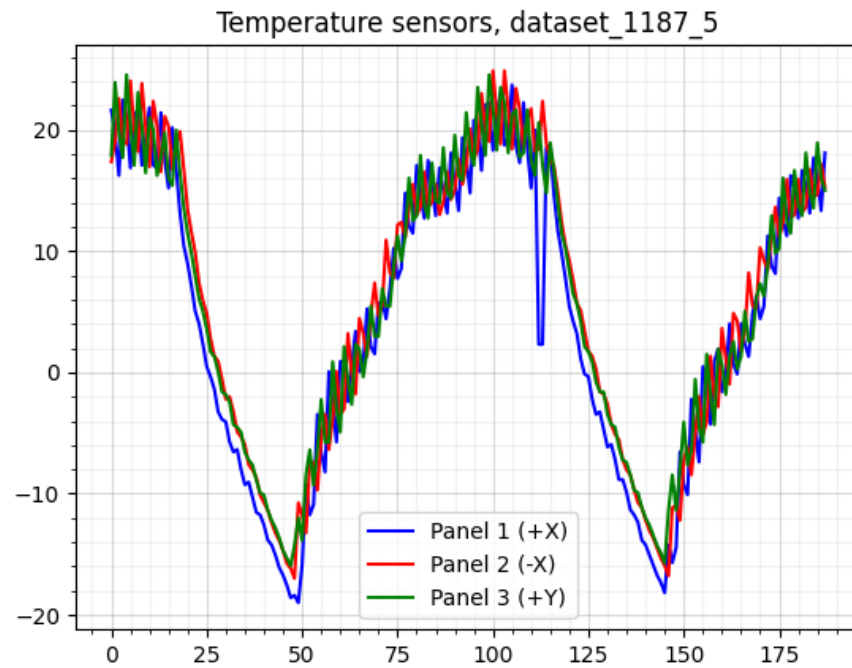


Figure 17: model inferences on dataset\_1187\_5\_sens.png