

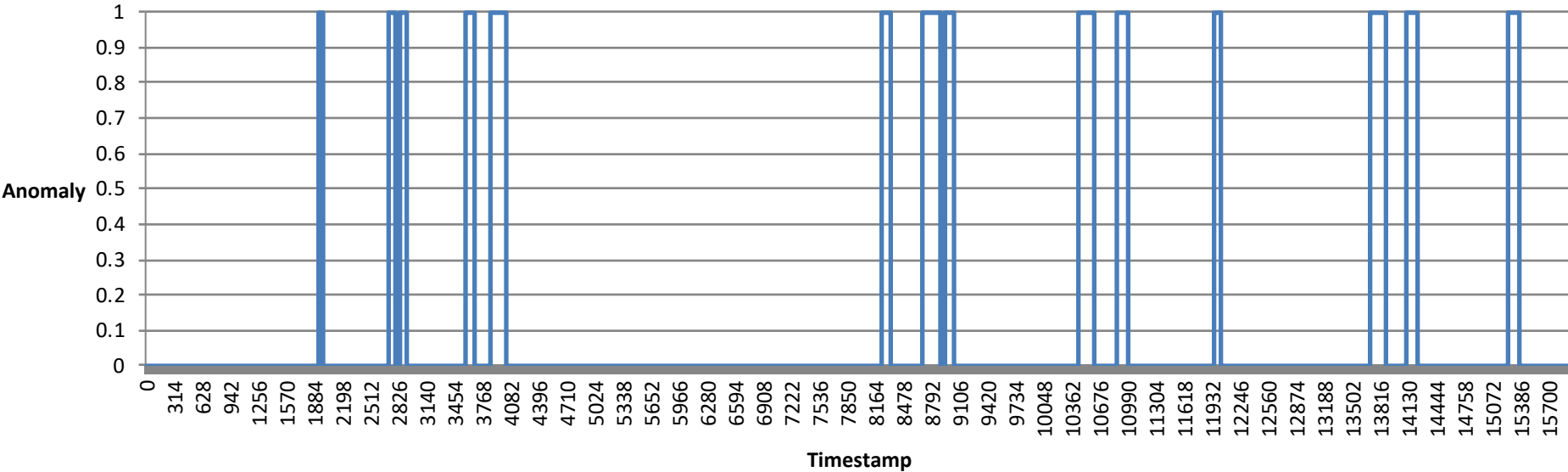
NeurIPS'18 Paper #968:
Precision and Recall for Time Series

Supplementary Material
for Sections 5.2 and 5.3

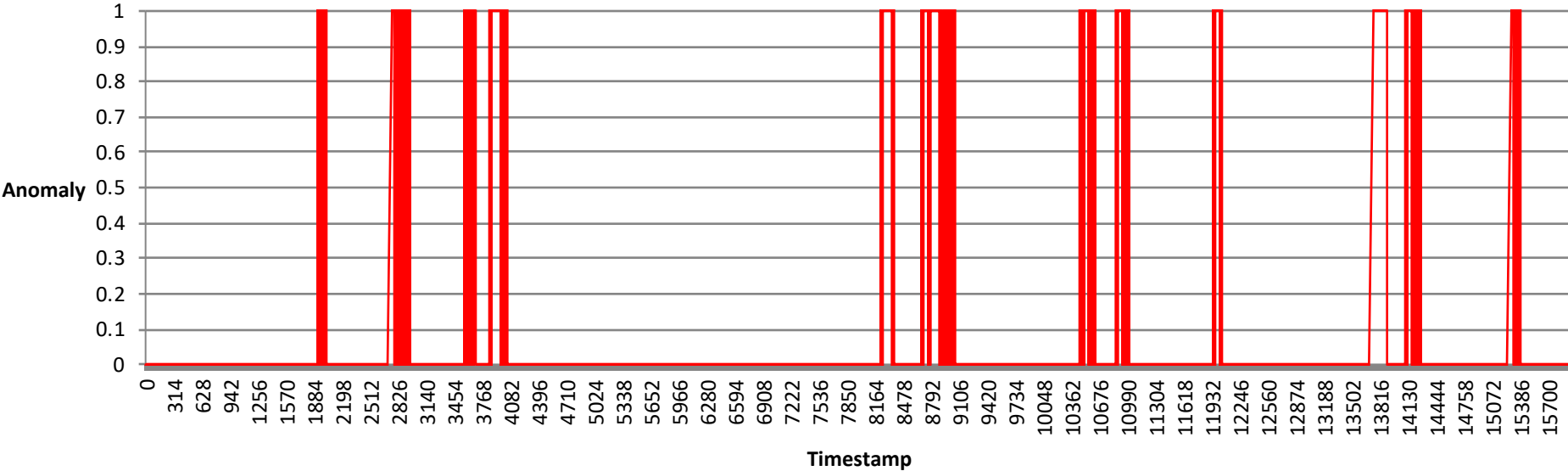
Readme

- This file contains line graphs for our 7 experimental datasets for LSTM-AD.
- For each dataset, we plot real and predicted anomaly ranges for their respective time series.
- On each graph, x-axis represents time and y-axis denotes where anomalies are. $(t,1)$ means that the data value at timestamp $x=t$ is anomalous, whereas $(t,0)$ means that it is not.
- We used these graphs as reference in understanding and explaining the experimental results in Sections 5.2 and 5.3 of our paper.

Real Anomaly Ranges

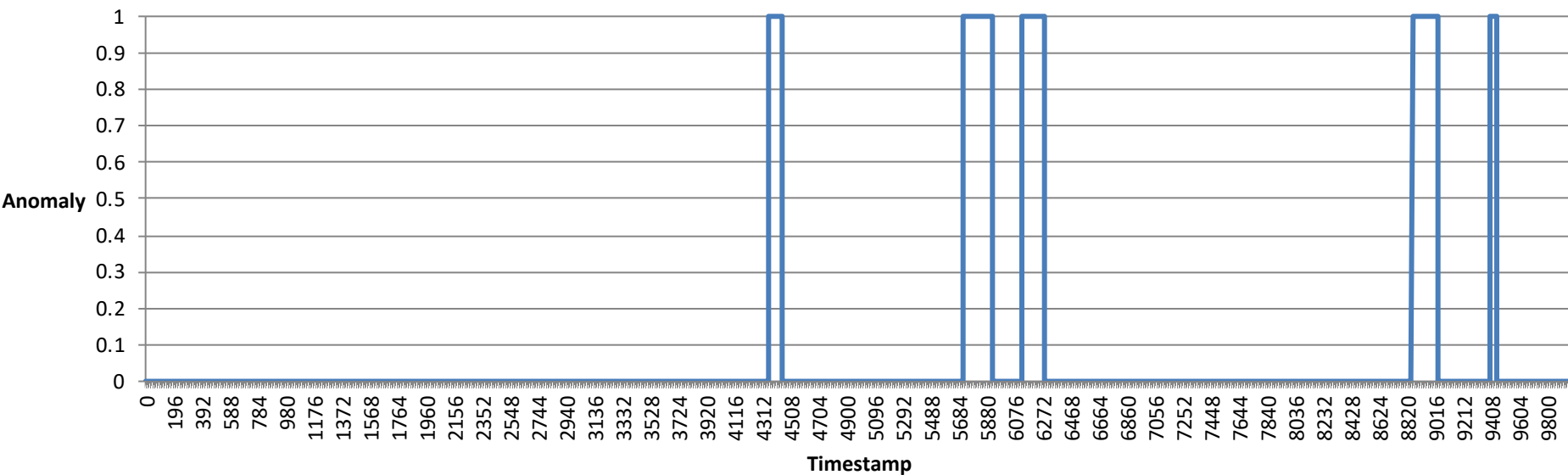


Predicted Anomaly Ranges

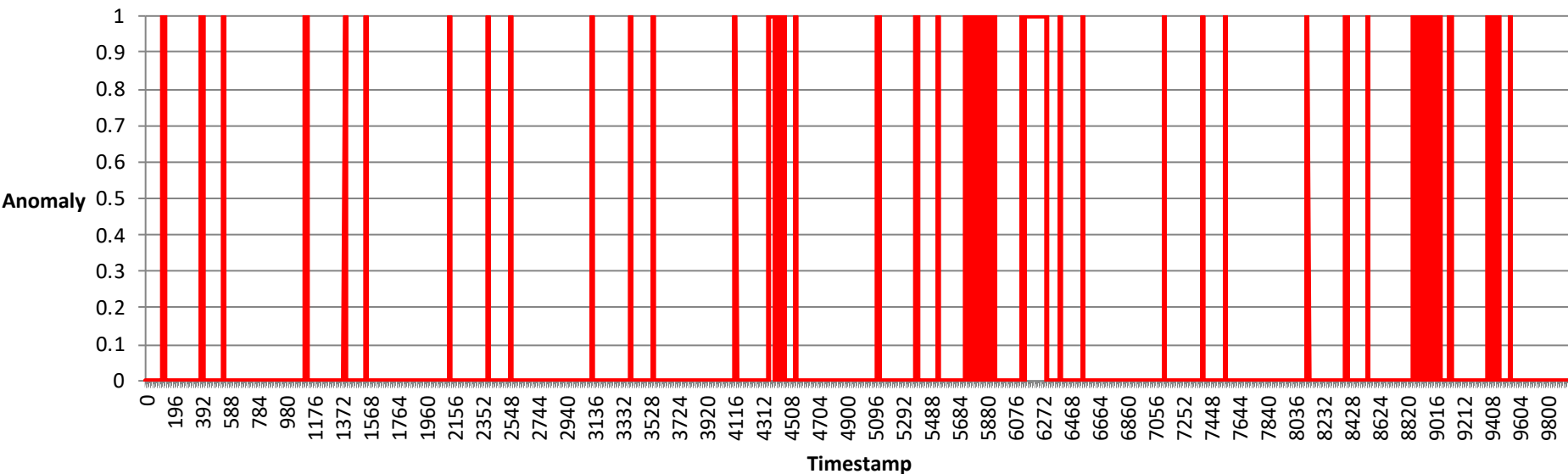


Space-Shuttle, LSTM-AD

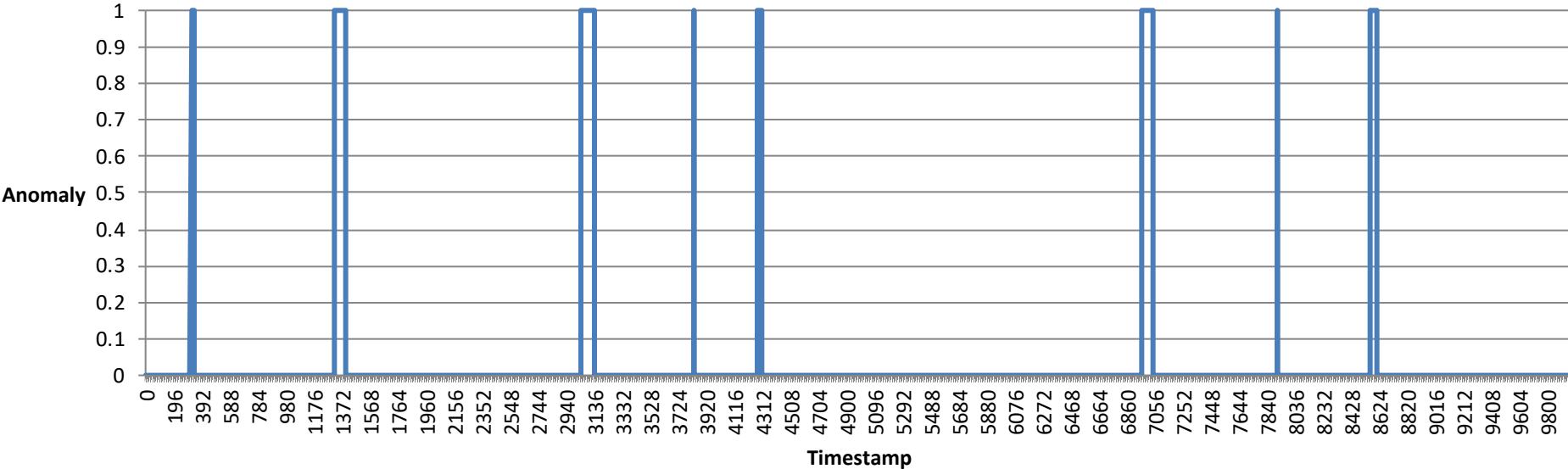
Real Anomaly Ranges



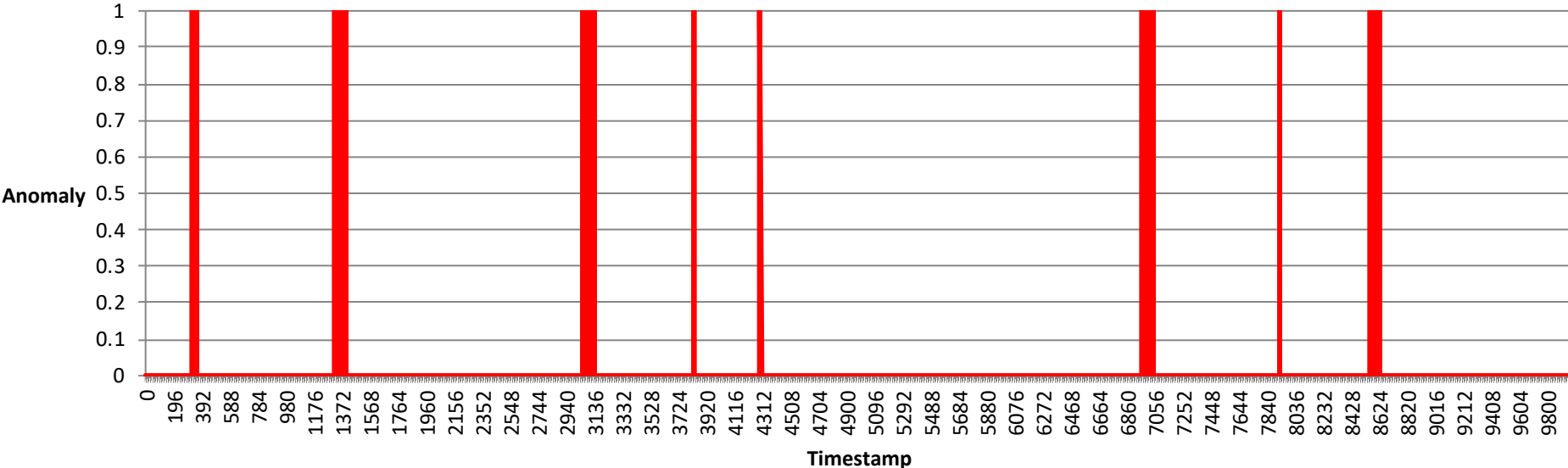
Predicted Anomaly Ranges



Real Anomaly Ranges

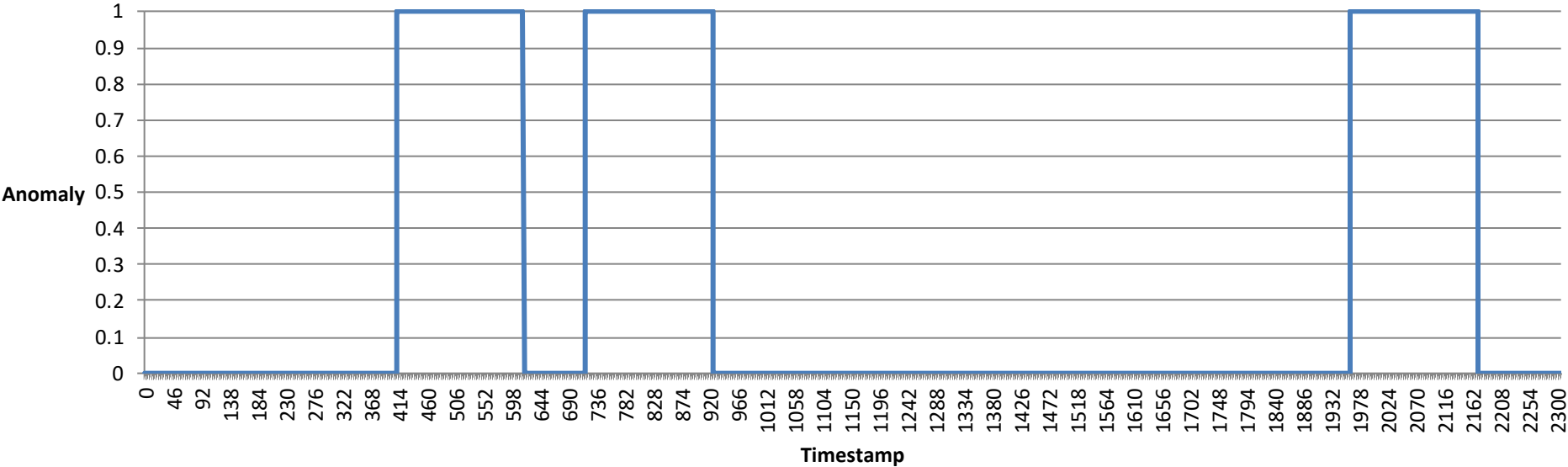


Predicted Anomaly Ranges

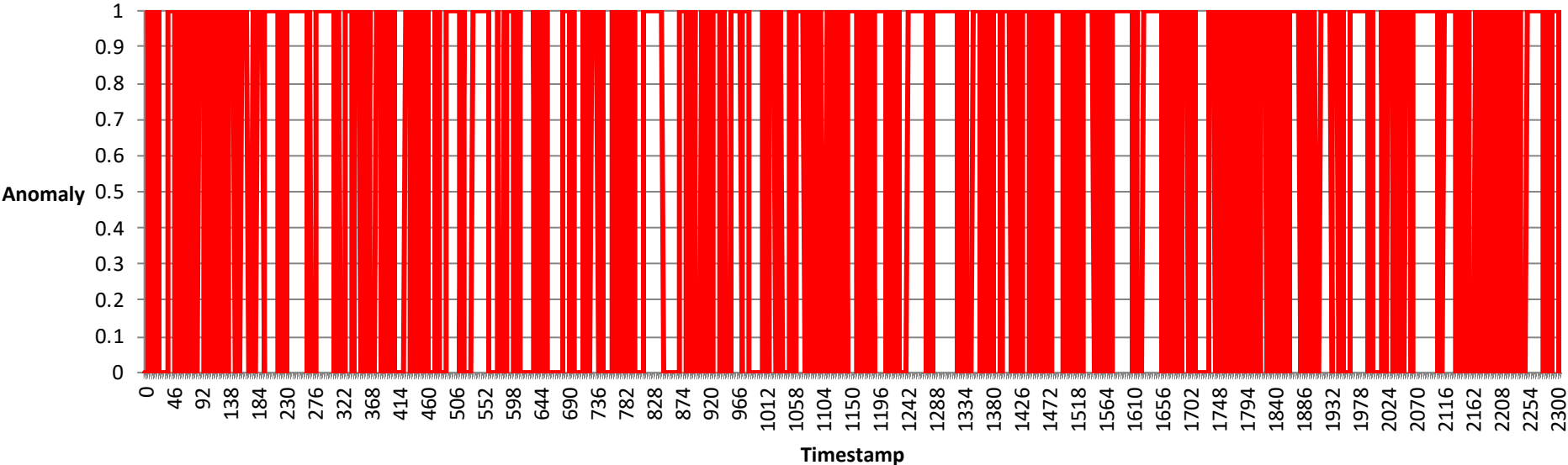


NYC-Taxi, LSTM-AD

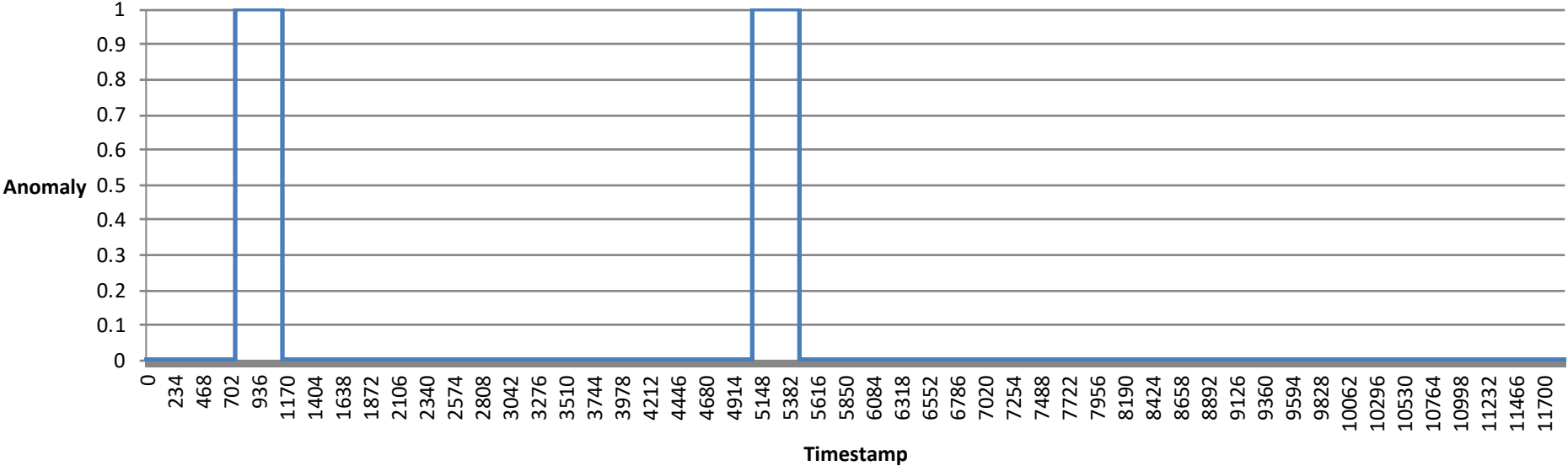
Real Anomaly Ranges



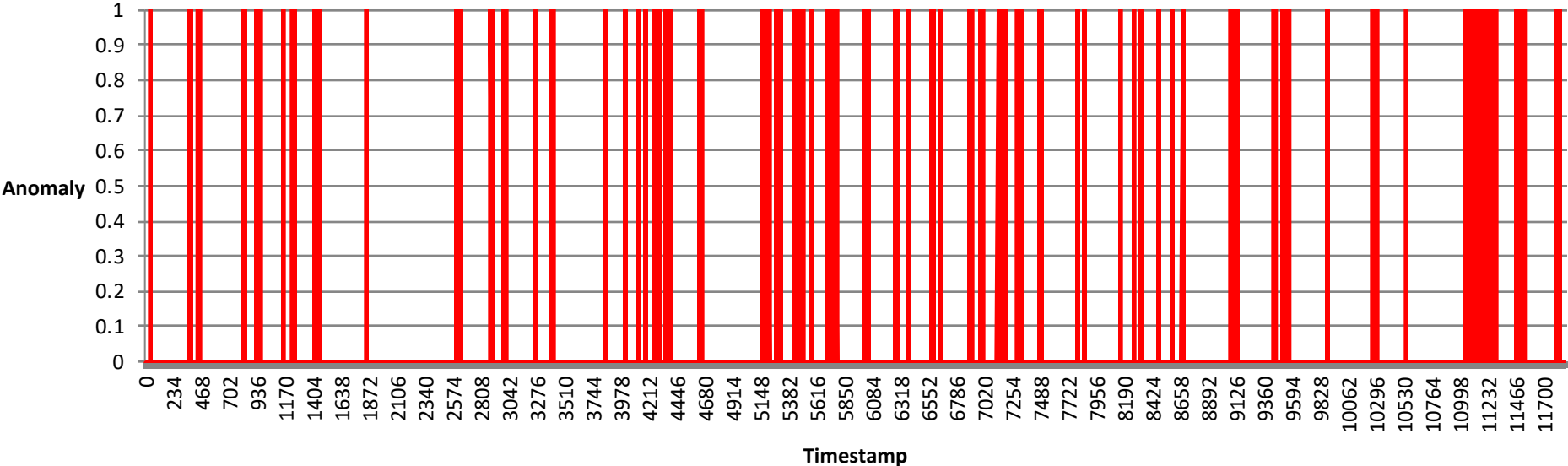
Predicted Anomaly Ranges



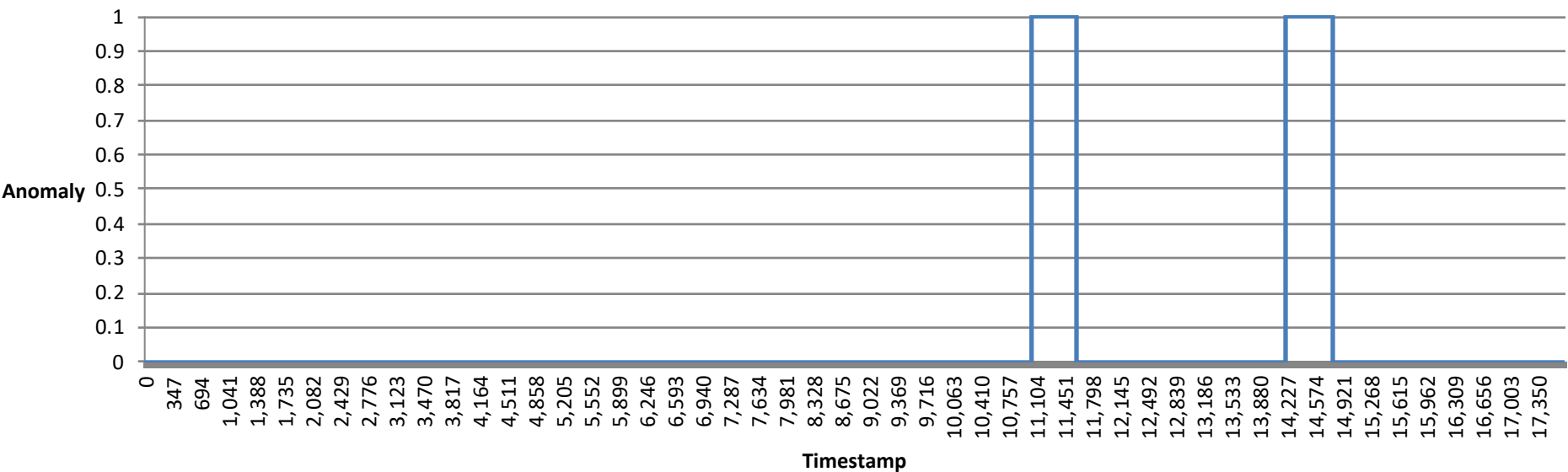
Real Anomaly Ranges



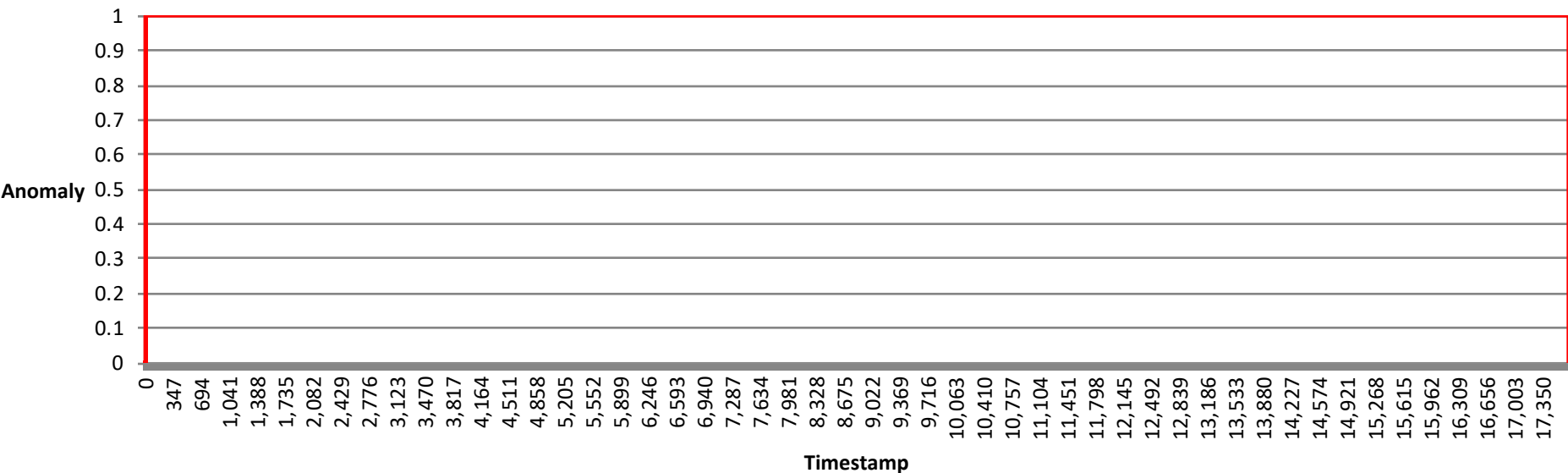
Predicted Anomaly Ranges



Real Anomaly Ranges

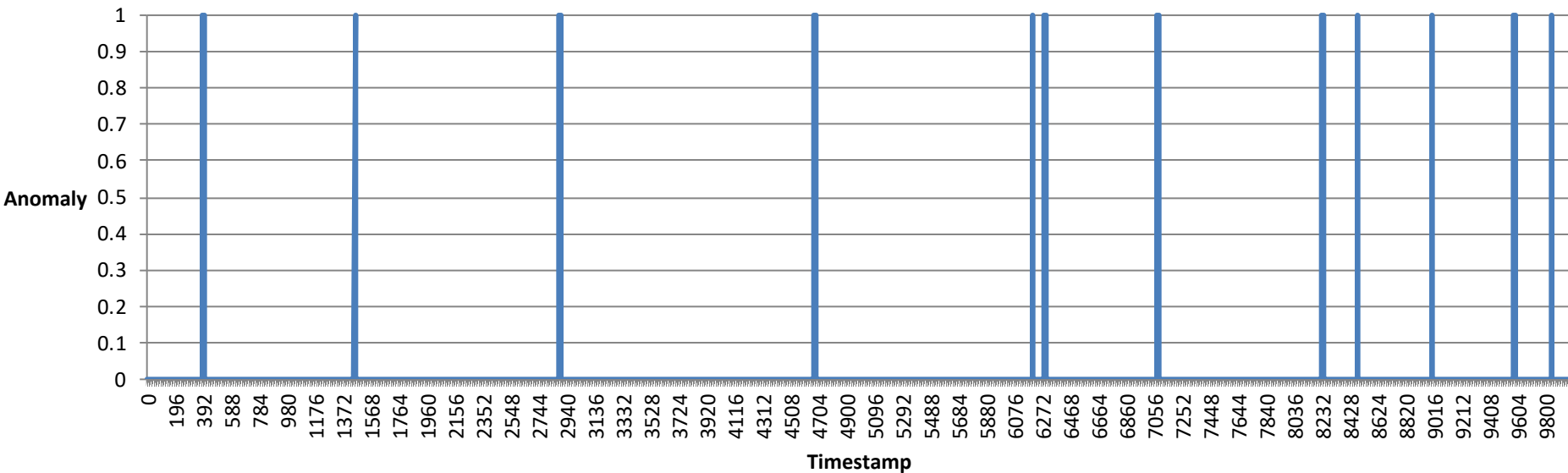


Predicted Anomaly Ranges



Time-Guided, LSTM-AD

Real Anomaly Ranges



Predicted Anomaly Ranges

