

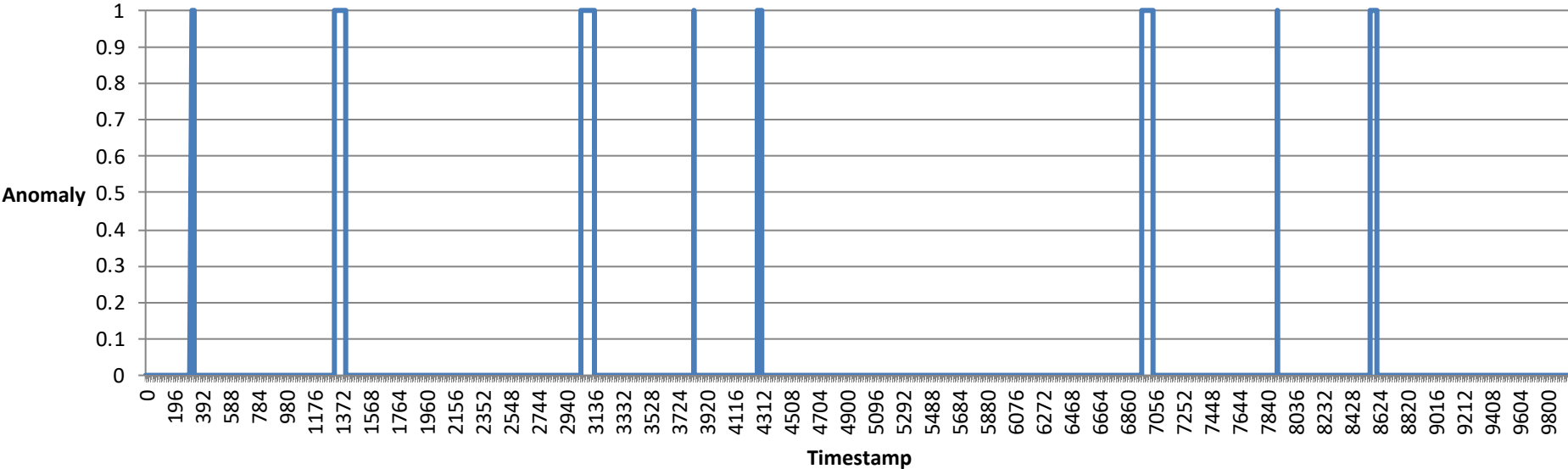
NeurIPS'18 Paper #968:
Precision and Recall for Time Series

Supplementary Material
for Section 5.4

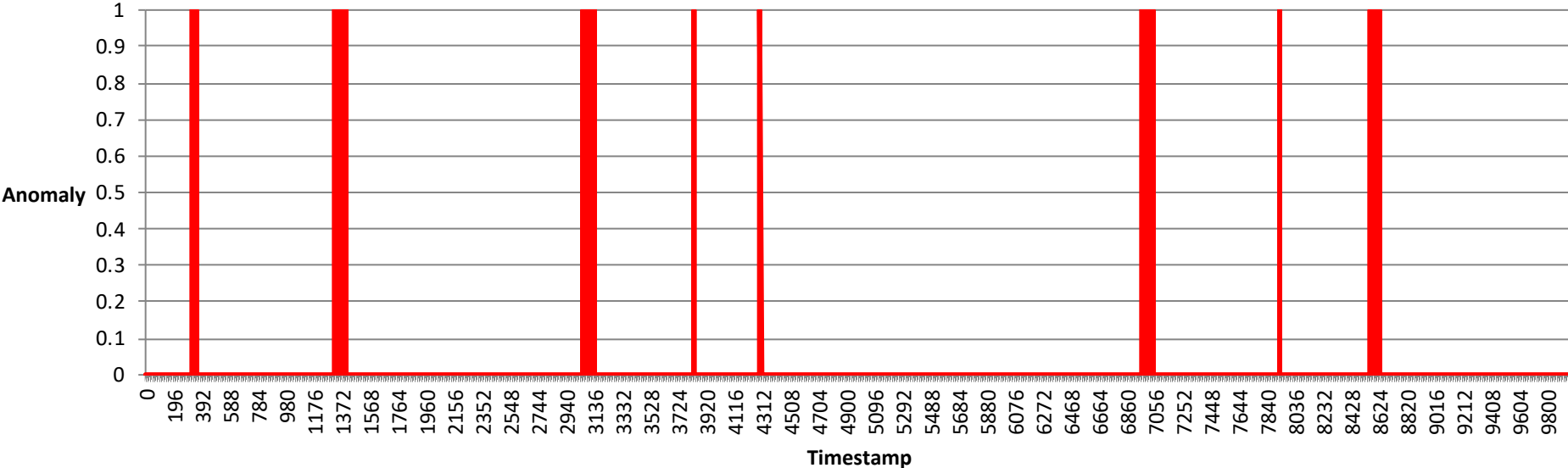
Readme

- This file contains line graphs for our 3 experimental datasets for LSTM-AD, Greenhouse, and Luminol.
- 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 Section 5.4 of our paper.

Real Anomaly Ranges

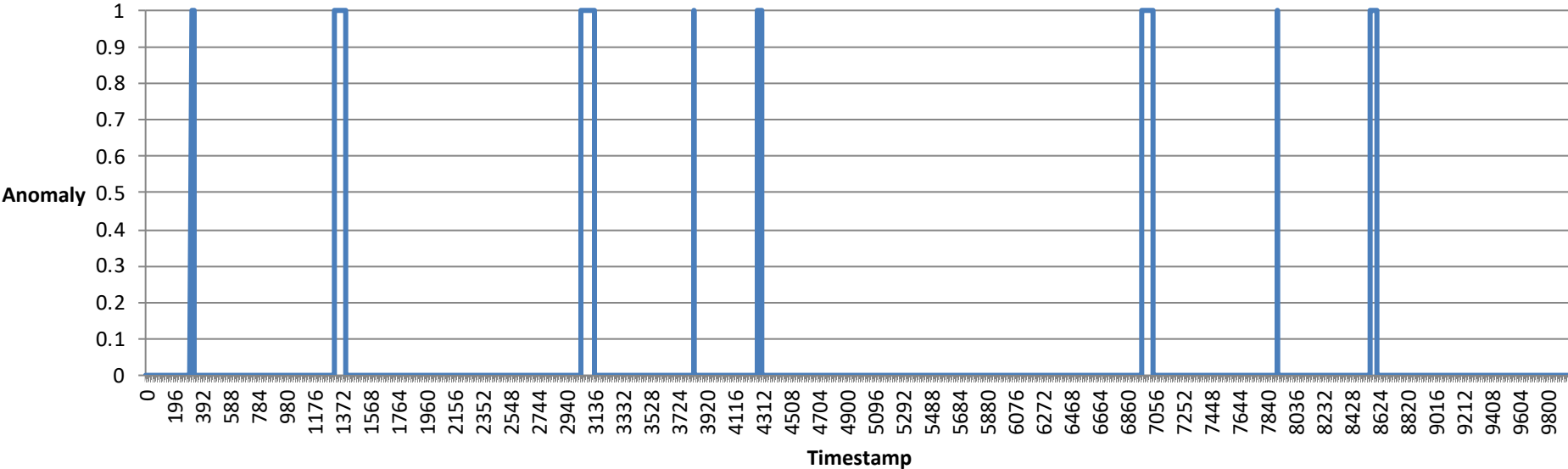


Predicted Anomaly Ranges

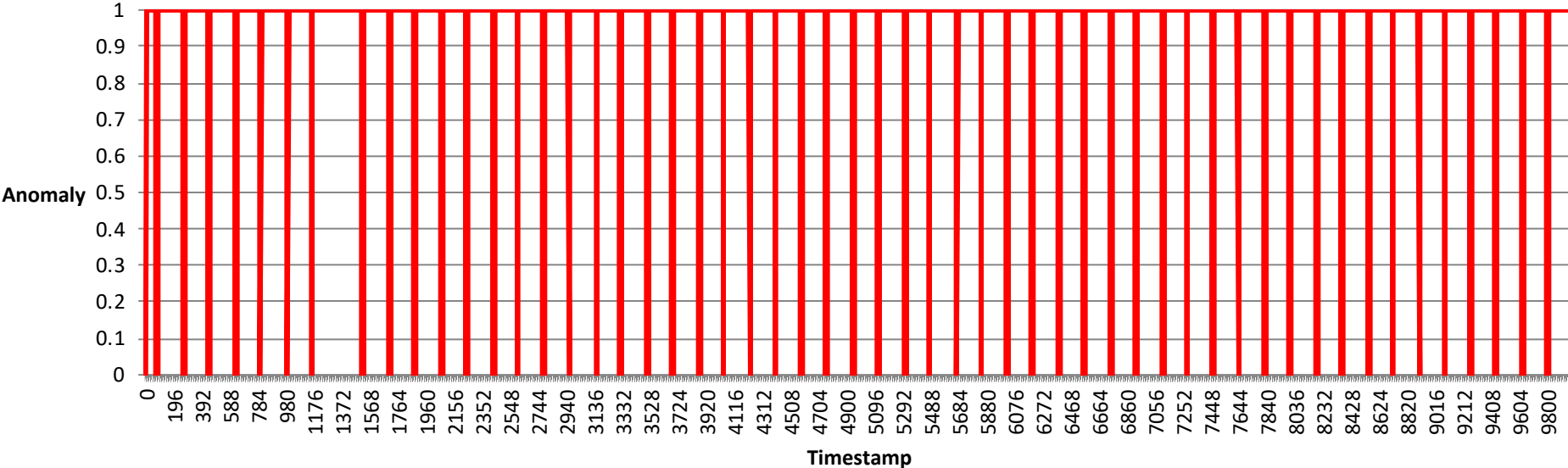


Sine, Greenhouse

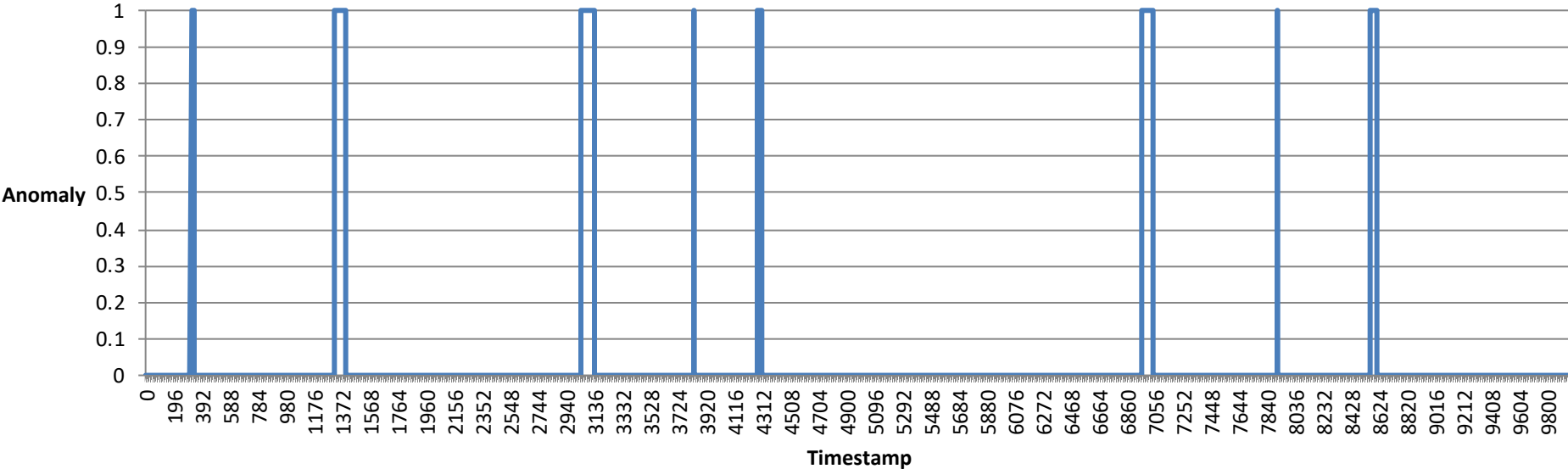
Real Anomaly Ranges



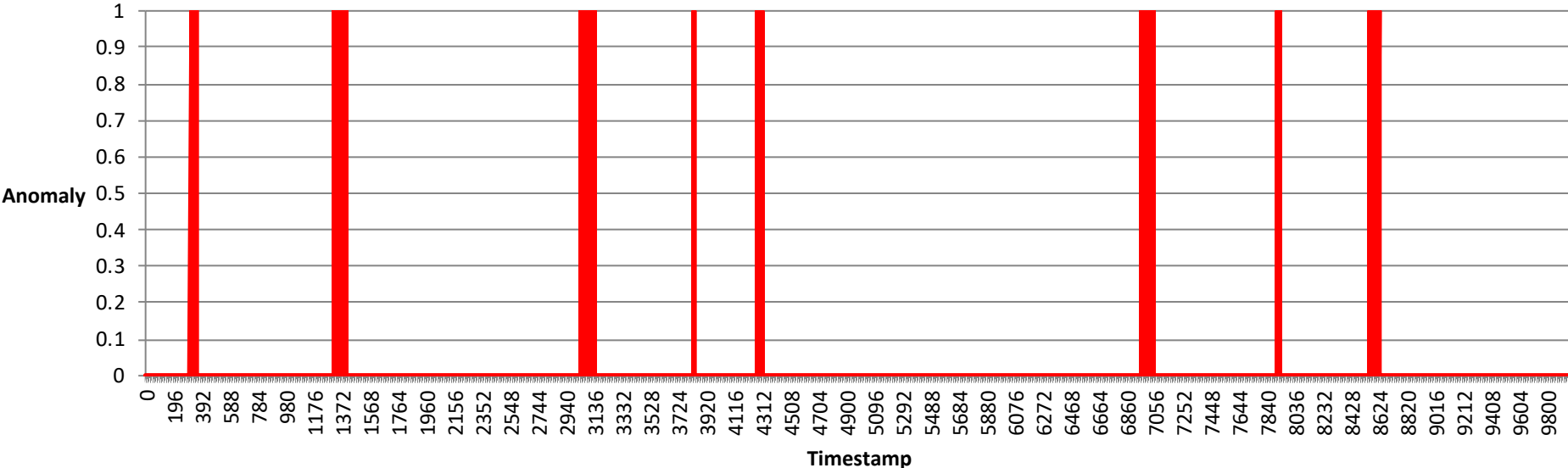
Predicted Anomaly Ranges



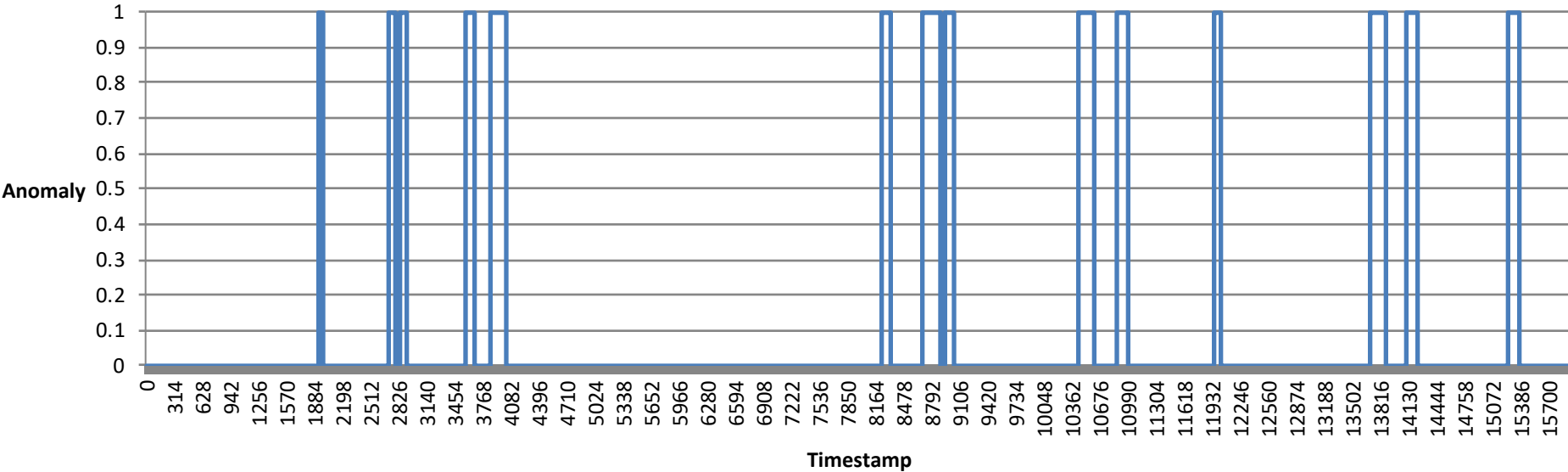
Real Anomaly Ranges



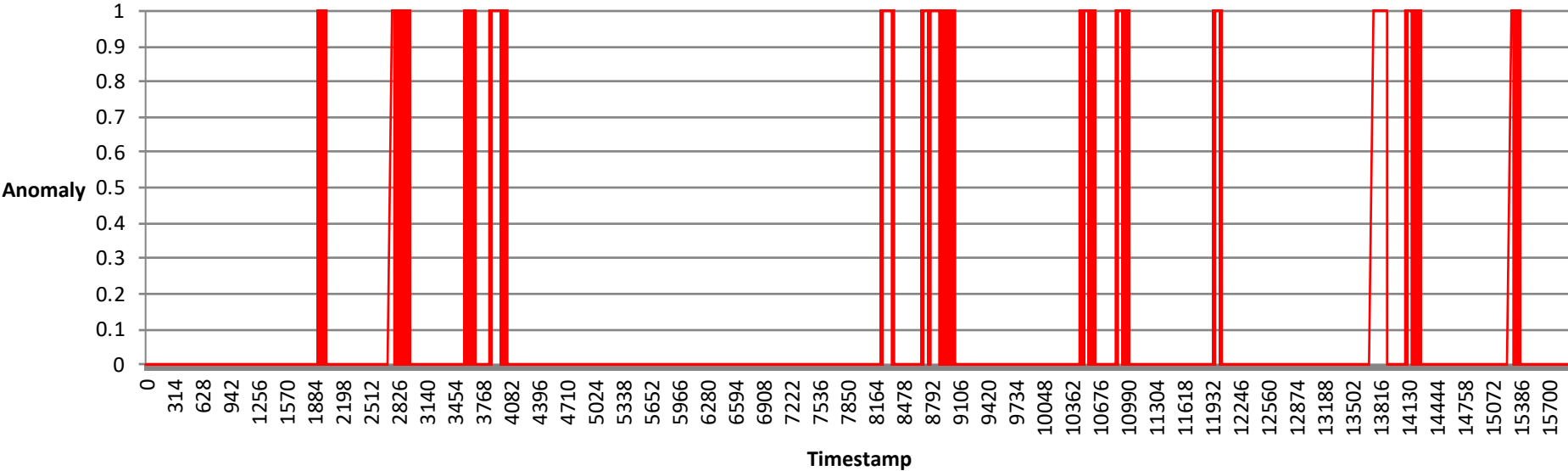
Predicted Anomaly Ranges



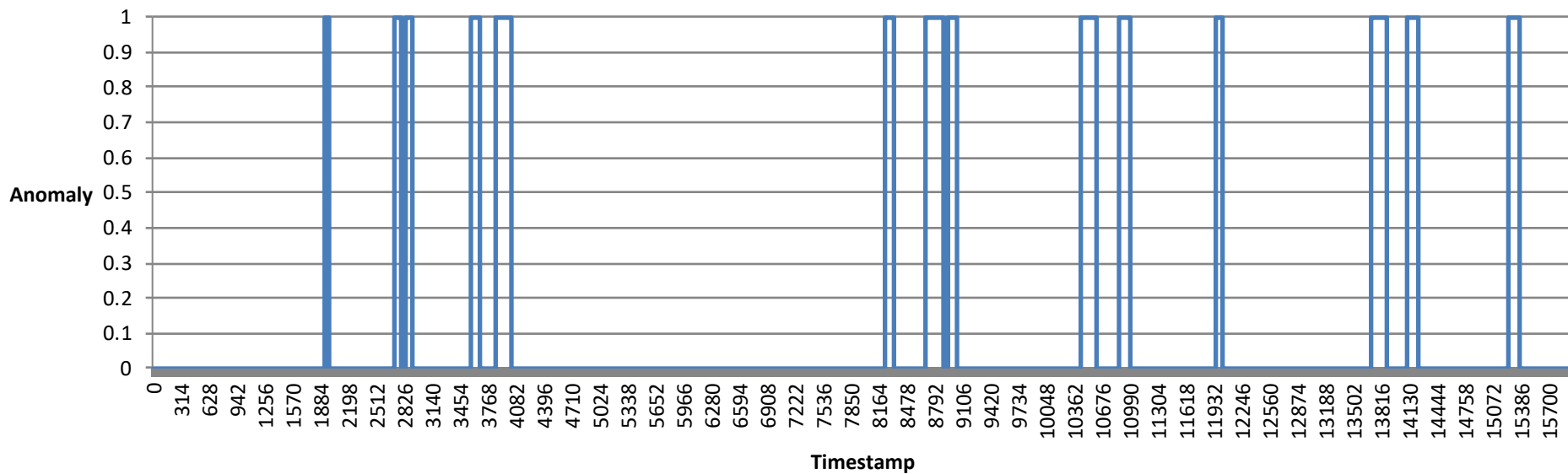
Real Anomaly Ranges



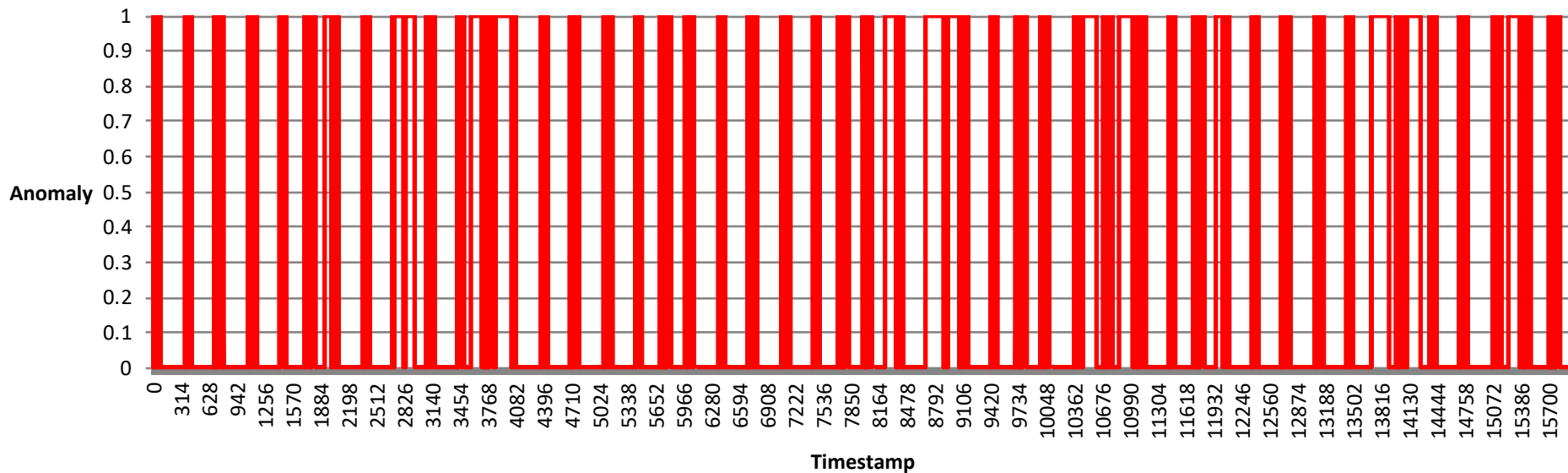
Predicted Anomaly Ranges



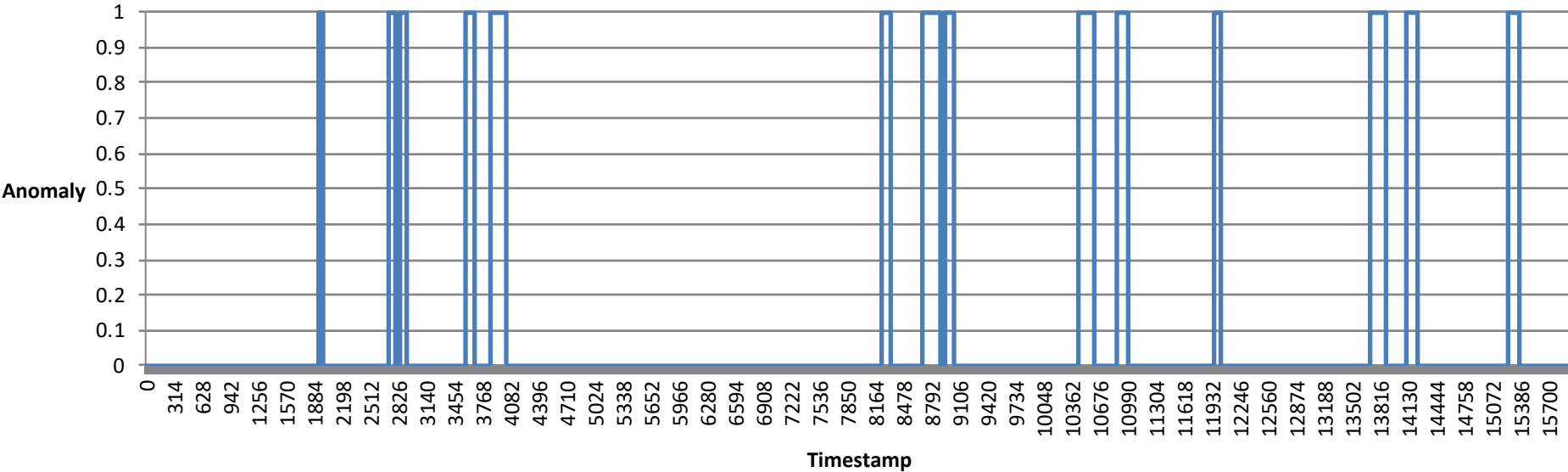
Real Anomaly Ranges



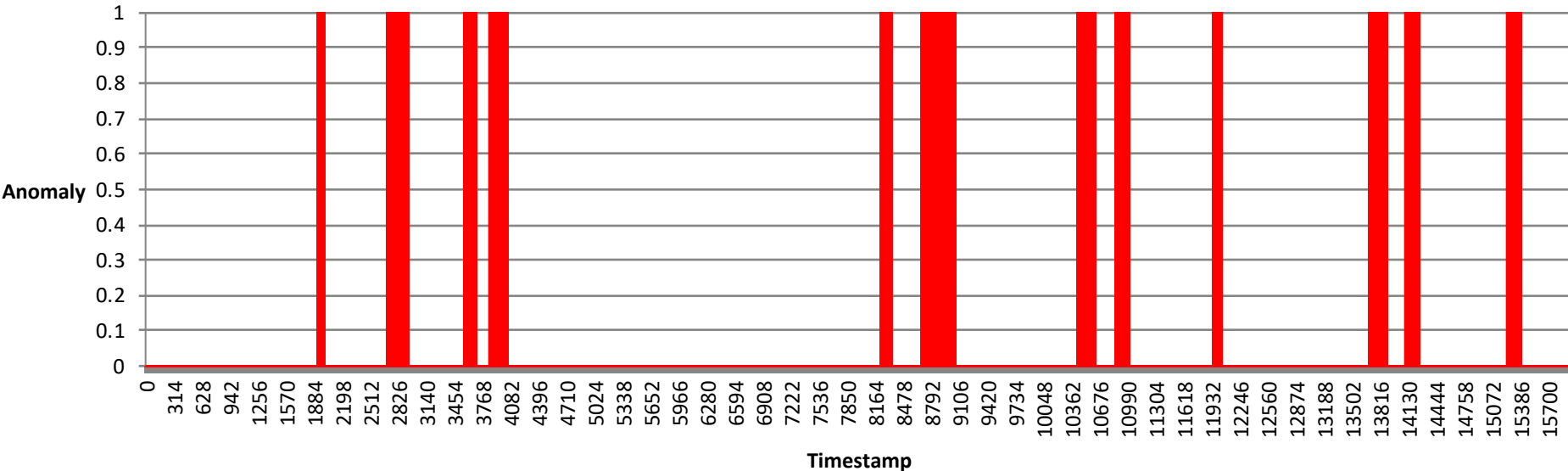
Predicted Anomaly Ranges



Real Anomaly Ranges

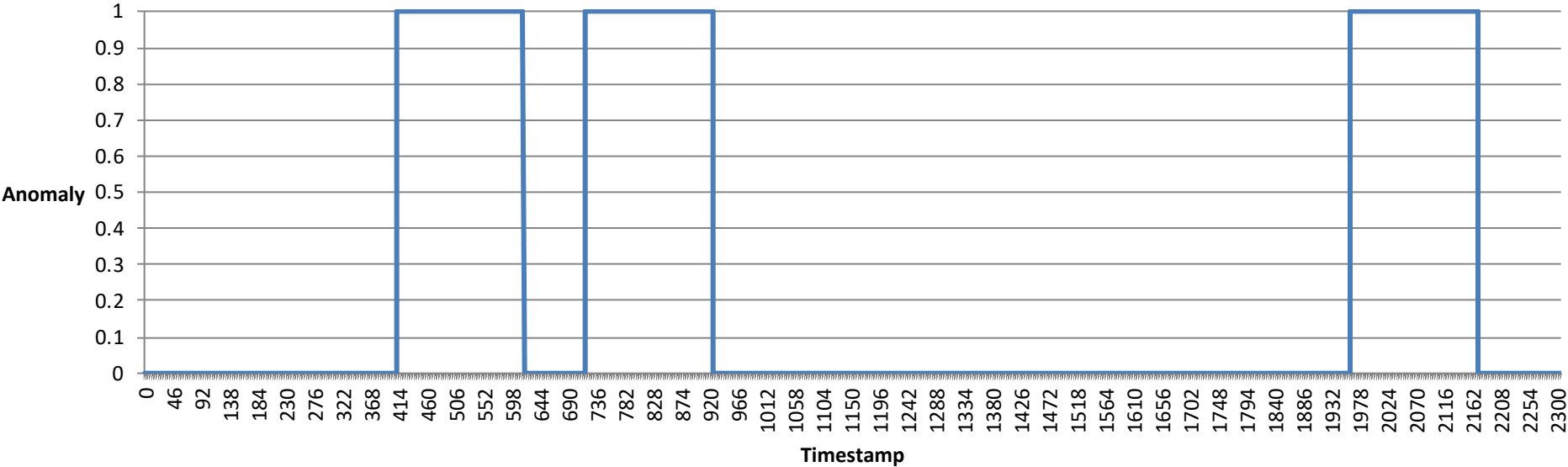


Predicted Anomaly Ranges

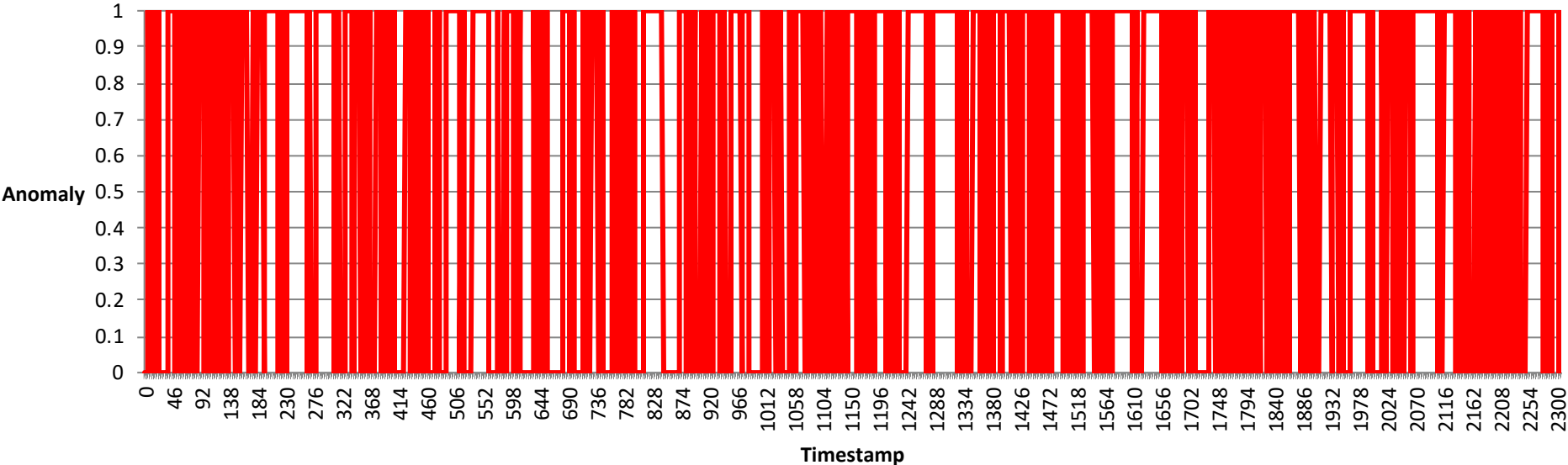


NYC-Taxi, LSTM-AD

Real Anomaly Ranges

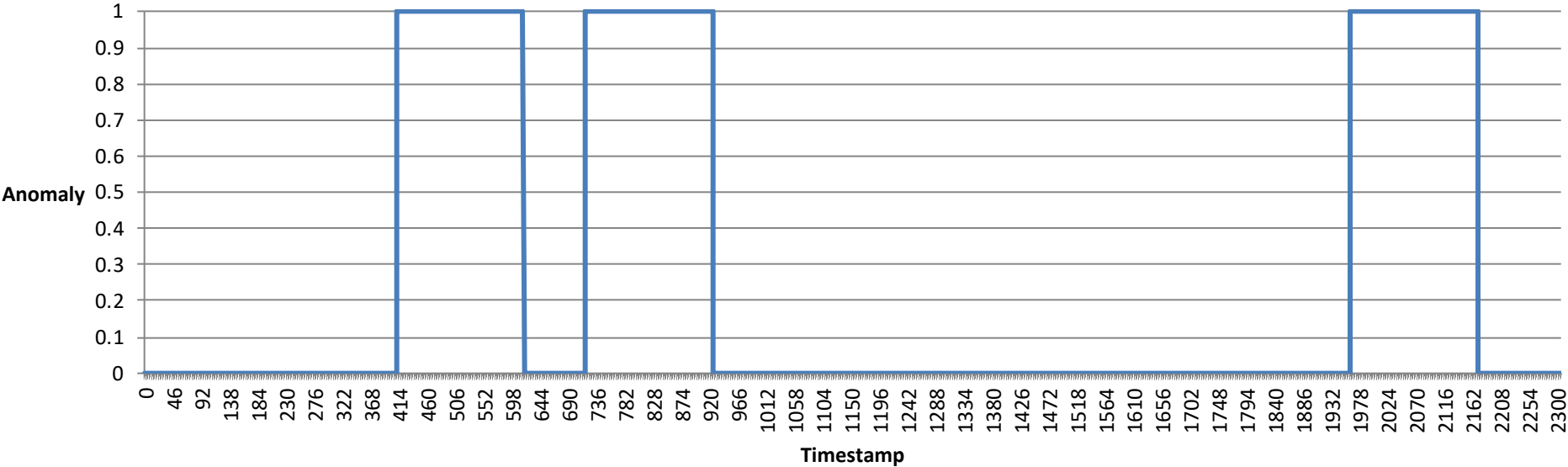


Predicted Anomaly Ranges

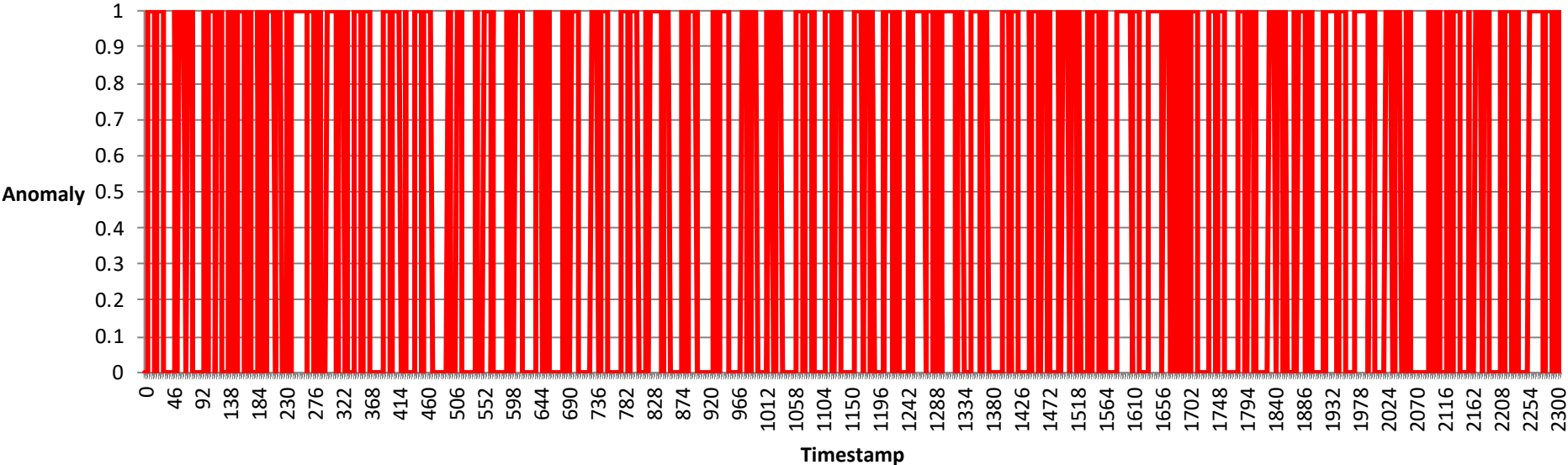


NYC-Taxi, Greenhouse

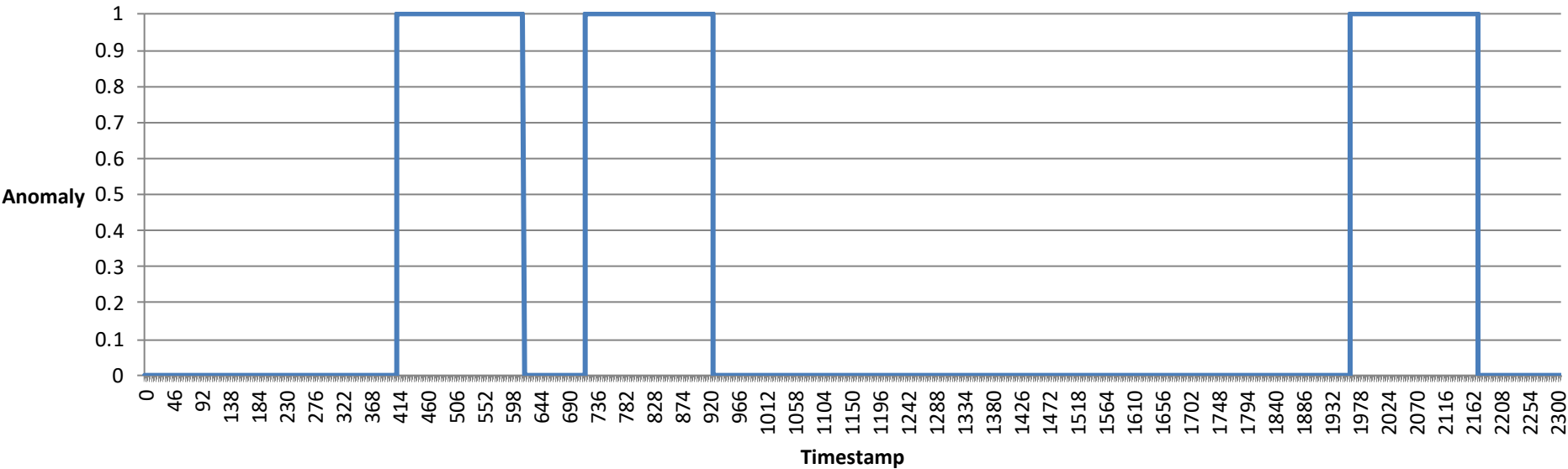
Real Anomaly Ranges



Predicted Anomaly Ranges



Real Anomaly Ranges



Predicted Anomaly Ranges

