

past profiles

profiles with distances computed

- histogram:



- average histogram:



- distance: 0.43

standard deviation of
distances

$$\sigma = 0.17$$

last profile

profile associated with the last time
window

- histogram:



- average histogram:



- distance: 0.43

anomaly of
last profile

$$\begin{aligned}\text{anomaly} &= \\ \text{distance} / \sigma &= \\ 0.43 / 0.17 &= \\ 2.52\end{aligned}$$

threshold

$$\begin{aligned}\alpha &= 2 \\ \text{anomaly} &= 2.52 > 2\end{aligned}$$

profile is marked as anomalous