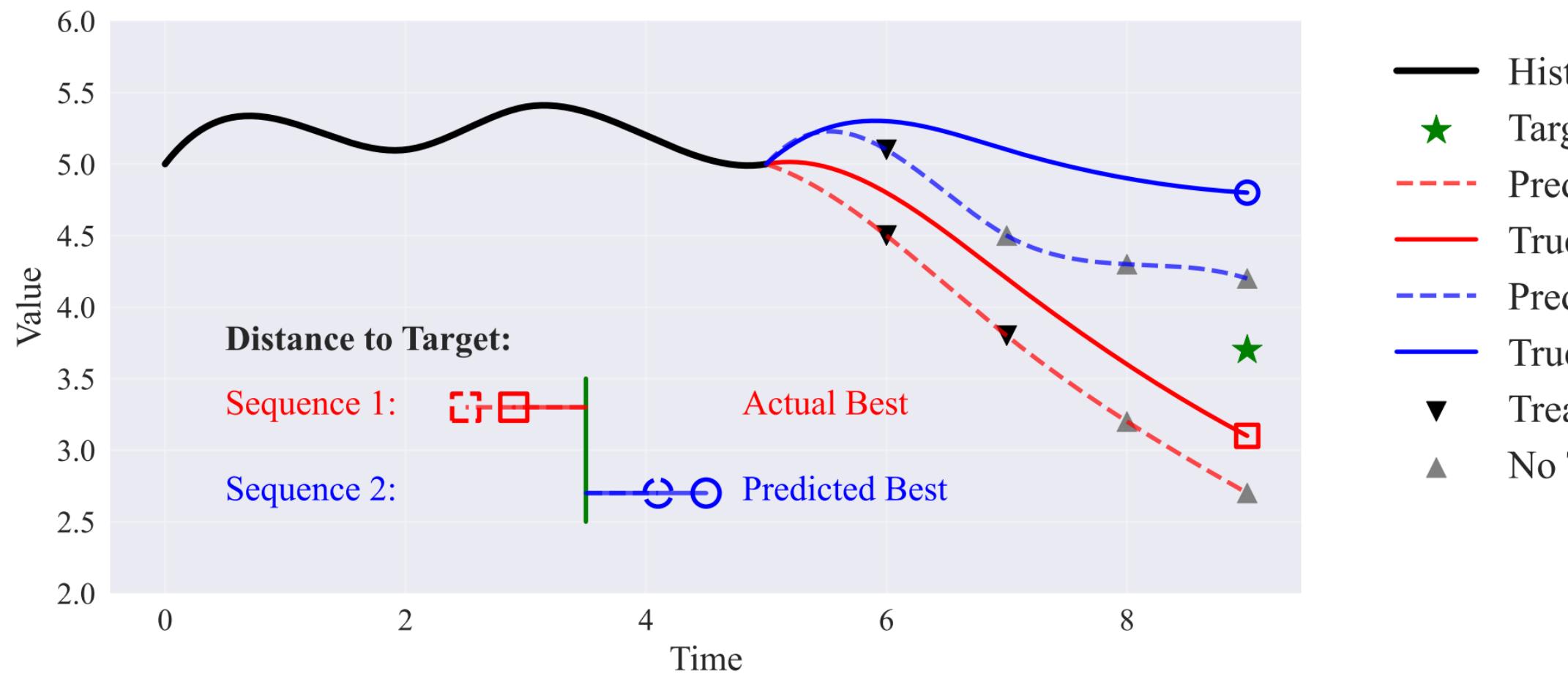Based on Predicted Potential Outcomes

Based on Likelihood Prediction

Historical data
Target
Predicted 1
True 1
Predicted 2
True 2
Treatment (1)
No Treatment (0)

Distance to Target:

Sequence 1:

Sequence 2:

Actual Best

Predicted Best

$p(\mathbf{Y}[\bar{\mathbf{a}}_{t,\tau}^1] = \mathbf{Y}_{target} \mid \bar{\mathbf{H}}_t)$

$<$

$p(\mathbf{Y}[\bar{\mathbf{a}}_{t,\tau}^2] = \mathbf{Y}_{target} \mid \bar{\mathbf{H}}_t)$

Historical data + ▼

Historical data + ▼