Inference time text confounding

Training time

$\tau^t(t) = \mathbb{E}[Y(1) - Y(0) \mid T = t]$

Clinical Detail Patient Info	
ID	glucose, heart rate, blood pressure, creatinine
1	70 mg/dL, 79, 120 mmHg, 1.2 mg/dL...
2	95 mg/dL, 110, 105 mmHg, 0.8 mg/dL...

I am a 65-year-old female. Lately, I've been feeling unusually tired and weak. I've been thirstier than usual, I feel a heaviness in my chest that makes me anxious, and I sometimes struggle to catch my breath.

Inference time

$\tau^x(x) = \mathbb{E}[Y(1) - Y(0) \mid X = x]$