$$\max_{t \in T} x(t)$$

$$\min_{t \in T} x(t)$$

$$\mu(T)$$

$$\sigma(T)$$

$$\mathbf{f} = \begin{bmatrix} f_1 \\ f_2 \\ \vdots \\ f_n \end{bmatrix}$$

$$\mathbf{f}^T = \begin{bmatrix} f_1 & f_2 & \cdots & f_n \end{bmatrix}$$

$$\mathbf{y} = \begin{cases} 0 & \text{if no sepsis is predicted} \\ 1 & \text{if sepsis is predicted} \end{cases}$$