

*Input variables*

**DATA**

*Target*

$$\vec{X} = (p_T, \eta, \phi, \rho)$$

$$\vec{X} \quad y_1$$

$$\vec{X} \quad y_1 \quad y_2$$

⋮

$$\vec{X} \quad y_1 \quad \dots \quad y_{n-1}$$

$$y_1$$

$$y_2$$

$$y_3$$

⋮

$$y_n$$

*Input variables*

**SIM**

*Target*

$$\vec{X} = (p_T, \eta, \phi, \rho)$$

$$\vec{X} \quad y_1^{\text{corr}}$$

$$\vec{X} \quad y_1^{\text{corr}} \quad y_2^{\text{corr}}$$

⋮

$$\vec{X} \quad y_1^{\text{corr}} \quad \dots \quad y_{n-1}^{\text{corr}}$$

$$y_1$$

$$y_2$$

$$y_3$$

⋮

$$y_n$$