

X-KAN Ruleset

IF $x_1 \in [0.0, 0.5]$ and $x_2 \in [0.0, 0.5]$

THEN $y = \text{KAN}^{k_1}(\mathbf{x})$

IF $x_1 \in [0.4, 1.0]$ and $x_2 \in [0.0, 0.6]$

THEN $y = \text{KAN}^{k_2}(\mathbf{x})$

IF $x_1 \in [0.0, 1.0]$ and $x_2 \in [0.4, 1.0]$

THEN $y = \text{KAN}^{k_3}(\mathbf{x})$

