a. Synthetic regression tasks

Linear | Nonlinear (MLP) | Gaussian Process | Sinusoidal | Hodgkin-Huxley

MSE (↓)

b. Synthetic classification tasks

Linear | Nonlinear (MLP)

Accuracy (↑)

c. Compositional tasks

Raven's PM | Alchemy | Gene targeting

Accuracy (↑) | | R^2 (↑)

Implicit

$D \rightarrow$
$x_q \rightarrow$ Transformer $\rightarrow y_q$

Explicit

$D \rightarrow$ Transformer
$x_q \rightarrow$
$\rightarrow z \rightarrow$ Transformer MLP $\rightarrow y_q$