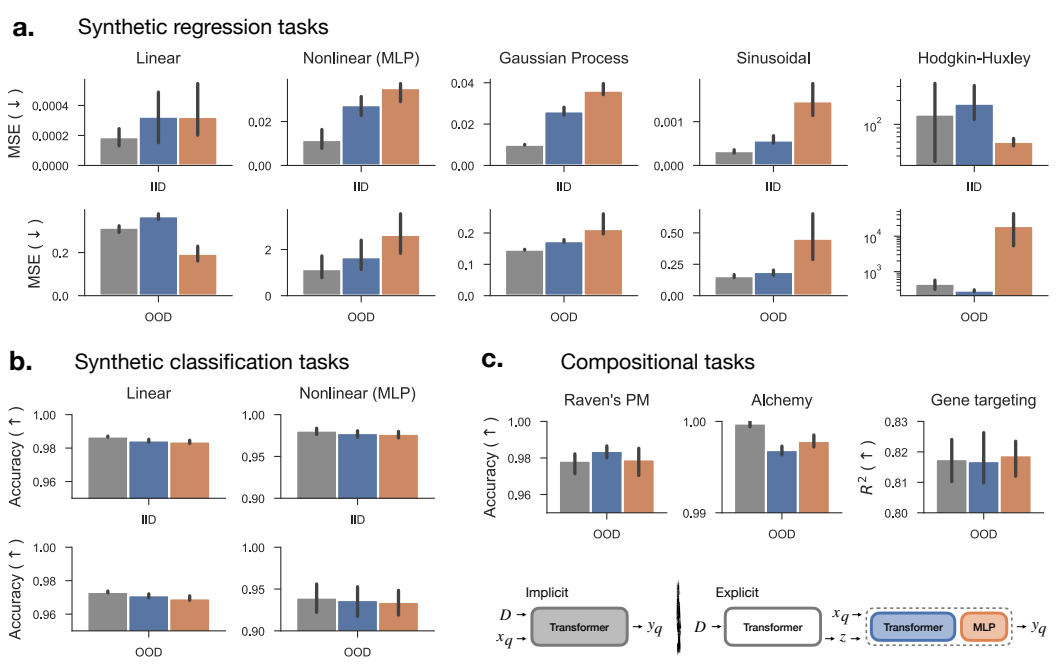
a.
Synthetic regression tasks
Linear
Nonlinear (MLP)
Gaussian Process
Sinusoidal
Hodgkin-Huxley
MSE (↓)
IID
OOD
b.
Synthetic classification tasks
Linear
Nonlinear (MLP)
Accuracy (↑)
IID
OOD
c.
Compositional tasks
Raven's PM
Alchemy
Gene targeting
Accuracy (↑)
R^2 (↑)
OOD
Implicit
Explicit
Transformer
MLP
$D \rightarrow$
$x_q \rightarrow$
$\rightarrow y_q$
$\rightarrow z \rightarrow$