Sparse Polynomial:  $0.52x^4 + -0.78x^3$ 0.05 **Ground Truth** FreeNet: MSE: 1.6015e-06 MAE: 1.0853e-03 FreeNet Prediction **MLP Prediction** 0.00 MLP\_SqReLU Prediction MLP: MSE: 5.7454e-04 MAE: 2.1438e-02 MLP SqReLU: -0.05MSE: 9.0896e-03 MAE: 8.6167e-02 -0.10 $\rightarrow$ -0.15-0.20

0.4

0.6

Χ

8.0

1.0

-0.25

0.0

0.2