Evaluation: LSTM PINN NLL 0.05 0.00 Truth -0.05Prediction 2.5 **Cumulative Truth Cumulative Prediction** 2.0 1.5 1.0 0.5 0.0 HV60 0.4 Inferred Volatility 0.3 0.2 0.1 Remain Noise 0.05 0.00 -0.05