**Evaluation: LSTM PINN NLL VI** 0.050 0.025 0.000 -0.025Truth -0.050Prediction -0.0752022-01 2022-03 2022-05 2022-07 2022-09 2022-11 2023-01 0.2 0.0 **Cumulative Truth** -0.2**Cumulative Prediction** 2022-05 2022-07 2022-09 2023-01 2022-01 2022-03 2022-11 HV60 0.40 Inferred Volatility 0.35 0.30 0.25 2022-01 2022-03 2022-05 2022-09 2022-11 2023-01 2022-07 0.050 0.025 0.000 -0.025-0.050Remain Noise -0.0752023-01 2022-01 2022-03 2022-05 2022-07 2022-09 2022-11