Evaluation: LSTM PINN NLL VI 0.05 0.00 Truth -0.05Prediction 2017 2022 2018 2019 2020 2021 0.6 **Cumulative Truth Cumulative Prediction** 0.4 0.2 0.0 -0.22017 2018 2019 2020 2021 2022 0.35 HV60 Inferred Volatility 0.30 0.25 0.20 0.15 2017 2018 2019 2020 2021 2022 Remain Noise 0.05 0.00 -0.052017 2018 2019 2020 2021 2022