**Evaluation: RNN PINN NLL** 0.050 0.025 0.000 -0.025Truth -0.050Prediction -0.0752021 2019 2020 2022 2023 2024 **Cumulative Truth Cumulative Prediction** 0.5 0.0 -0.52019 2020 2021 2022 2023 2024 HV60 0.4 Inferred Volatility 0.3 0.2 2019 2020 2021 2022 2023 2024 0.050 Remain Noise 0.025 0.000 -0.025-0.050-0.0752020 2021 2024 2019 2022 2023