Evaluation: RNN PINN NLL VI 0.050 0.025 0.000 -0.025Truth -0.050Prediction -0.0752022 2020 2021 2023 2024 2025 8.0 **Cumulative Truth** 0.6 **Cumulative Prediction** 0.4 0.2 0.0 -0.21e16²⁰ 2021 2022 2023 2024 2025 2.5 HV60 2.0 Inferred Volatility 1.5 1.0 0.5 0.0 2020 2021 2022 2023 2024 2025 0.050 Remain Noise 0.025 0.000 -0.025-0.050-0.075 2021 2022 2025 2020 2023 2024