Evaluation: FCNN PINN NLL 0.050 0.025 0.000 -0.025 Truth -0.050Prediction -0.0752025 2020 2021 2022 2023 2024 **Cumulative Truth** 1.5 **Cumulative Prediction** 1.0 0.5 0.0 2020 2021 2022 2023 2024 2025 0.7 HV60 0.6 Inferred Volatility 0.5 0.4 0.3 0.2 2022 2025 2020 2021 2023 2024 0.050 Remain Noise 0.025 0.000 -0.025-0.050-0.0752020 2021 2022 2025 2023 2024