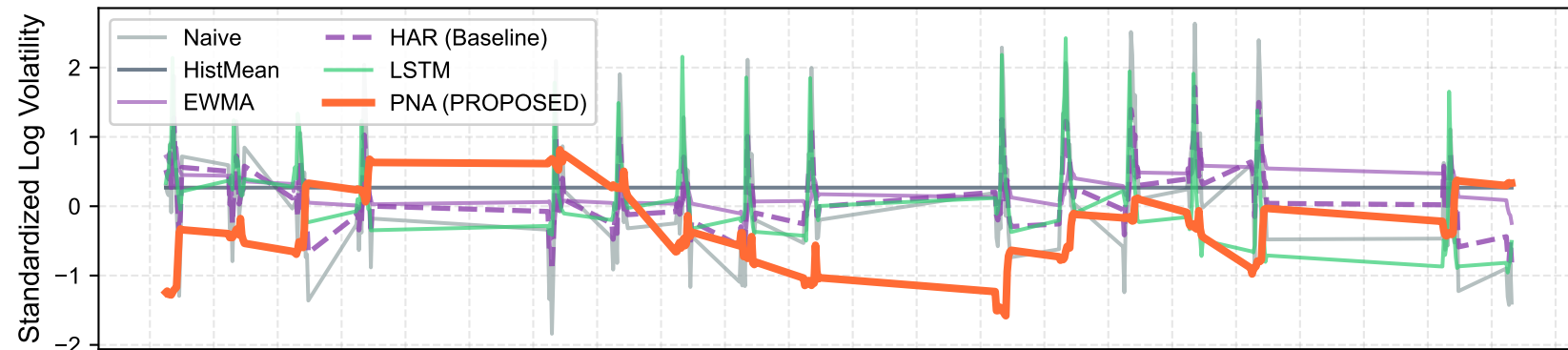
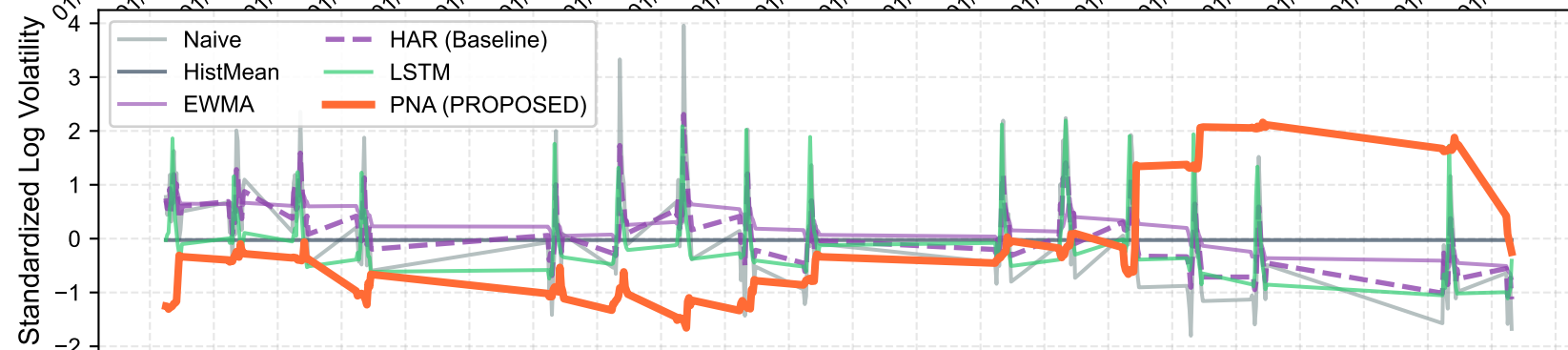


# 30-Minute Intraday Volatility Predictions - ACTUAL Model Outputs

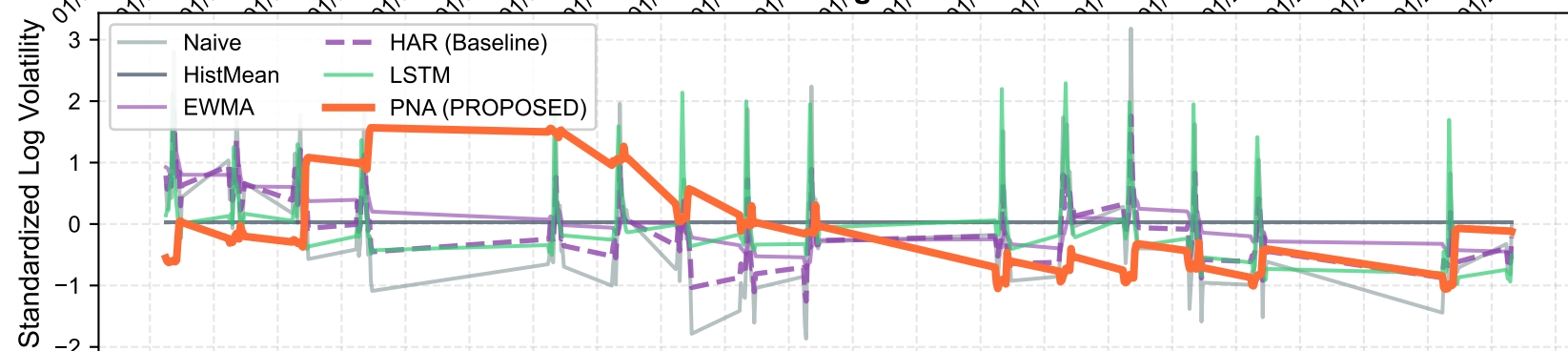
**AAPL - Apple Inc.**



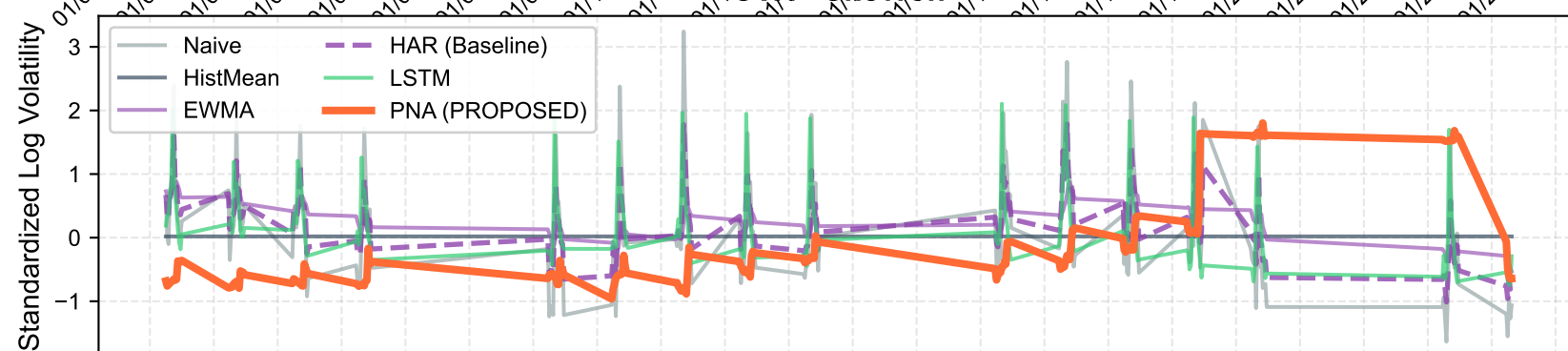
**MSFT - Microsoft**



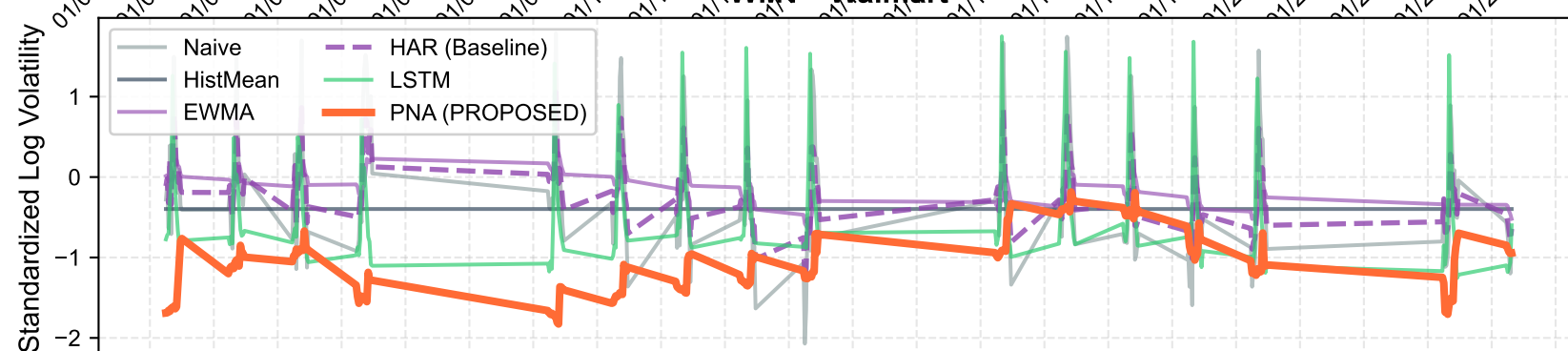
**JPM - JPMorgan Chase**



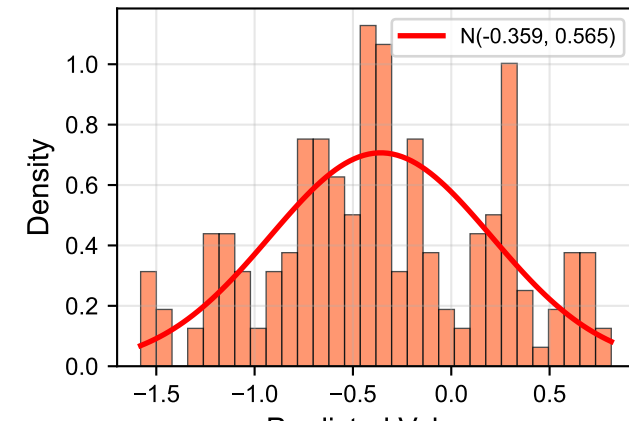
**CVX - Chevron**



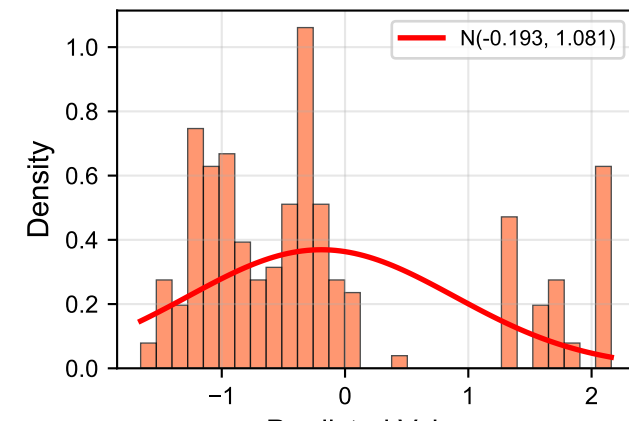
**WMT - Walmart**



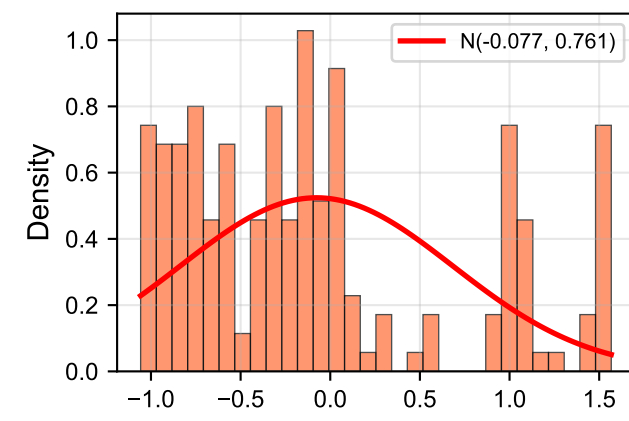
**PNA Distribution**



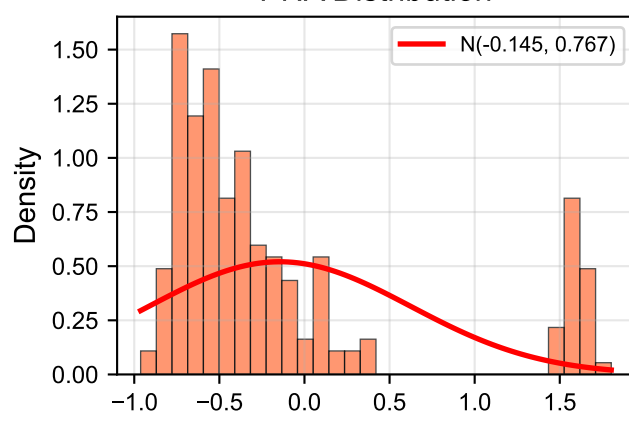
**PNA Distribution**



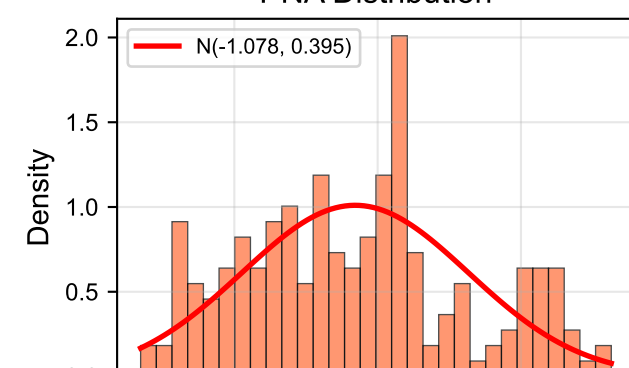
**PNA Distribution**



**PNA Distribution**



**PNA Distribution**



Date and Time