

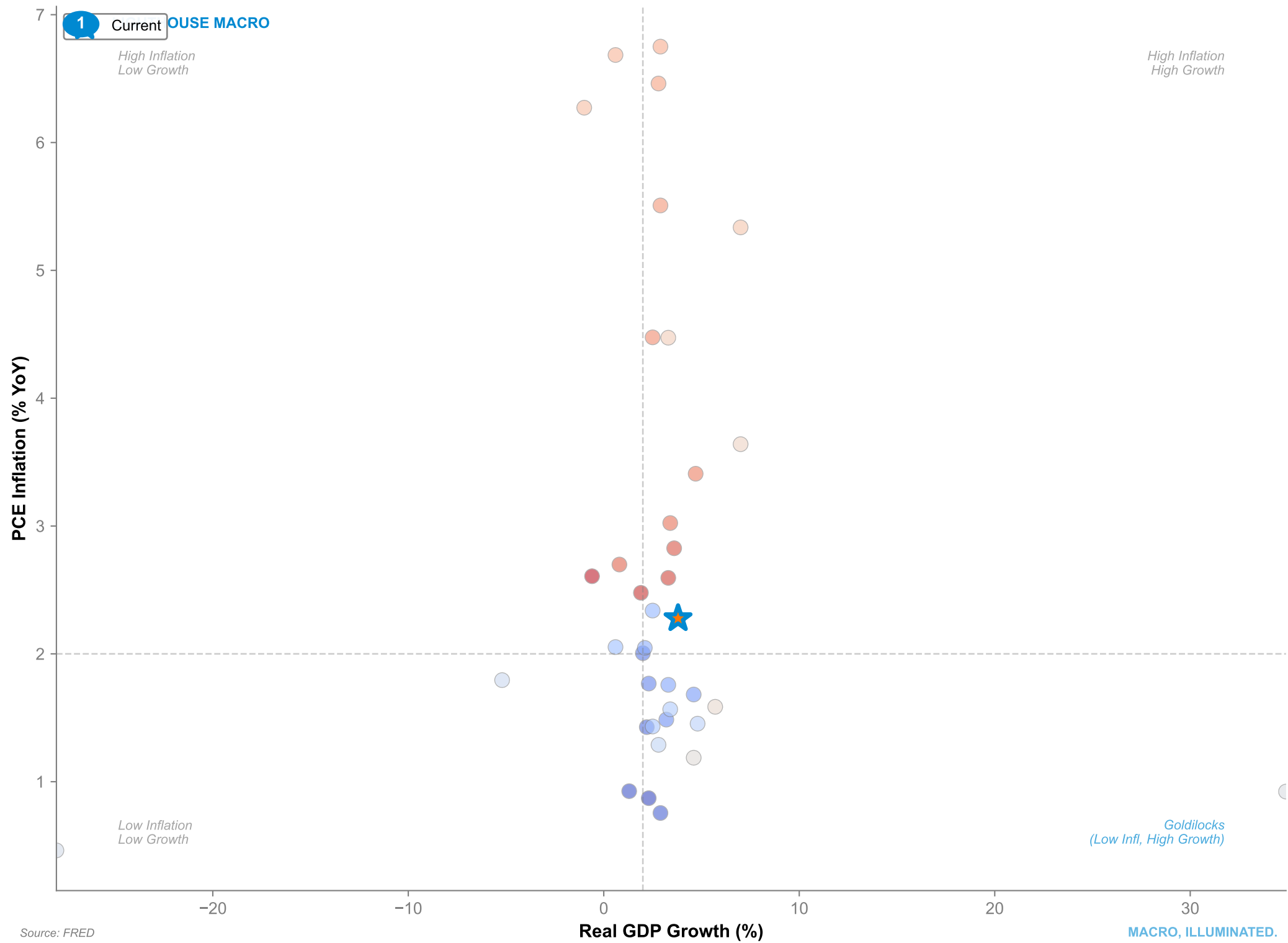
LAYER 1

Macro Regime

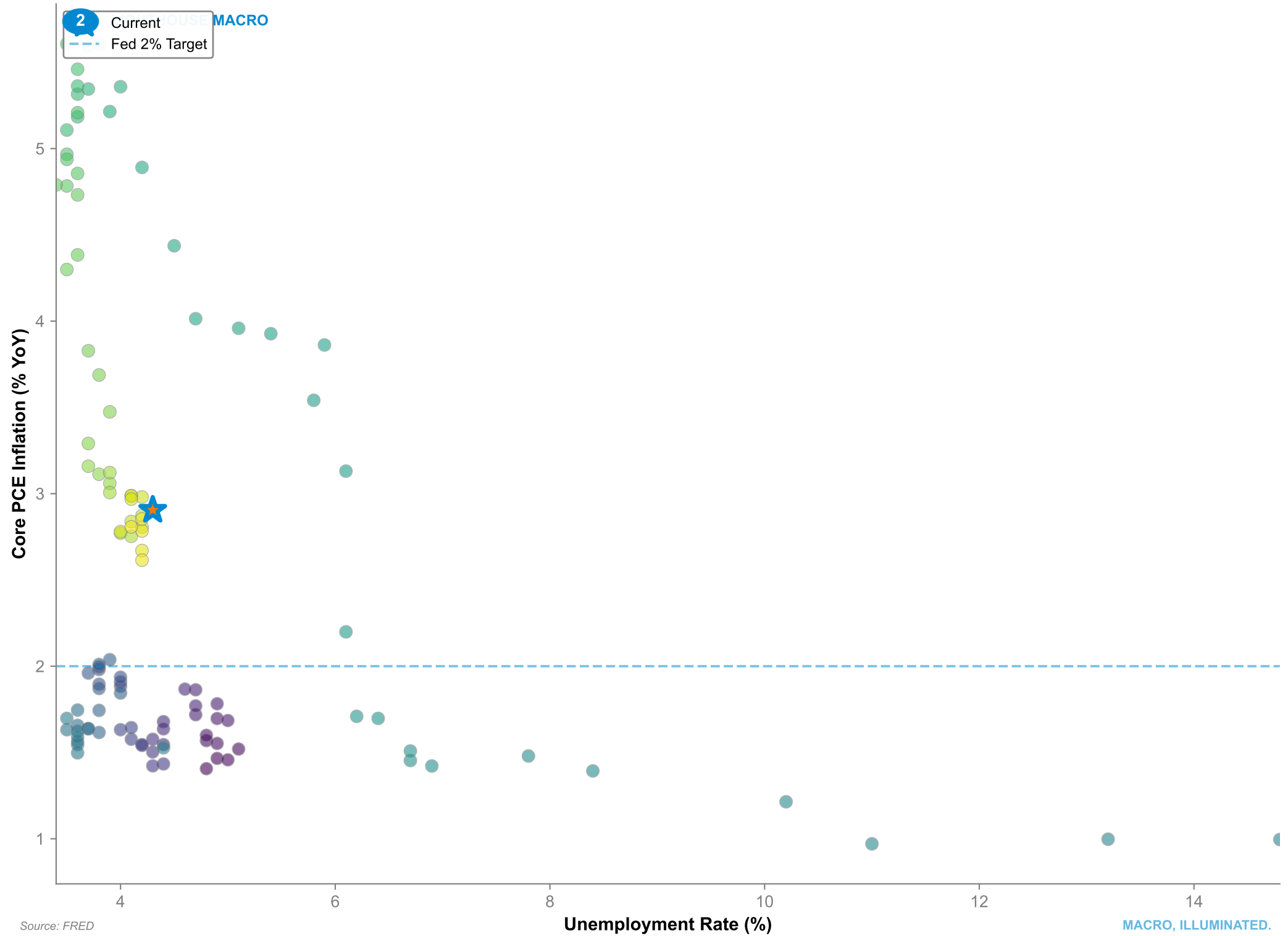
Charts 1-10

Core macroeconomic indicators: growth, inflation, yields, Fed policy, financial stress, and recession probability

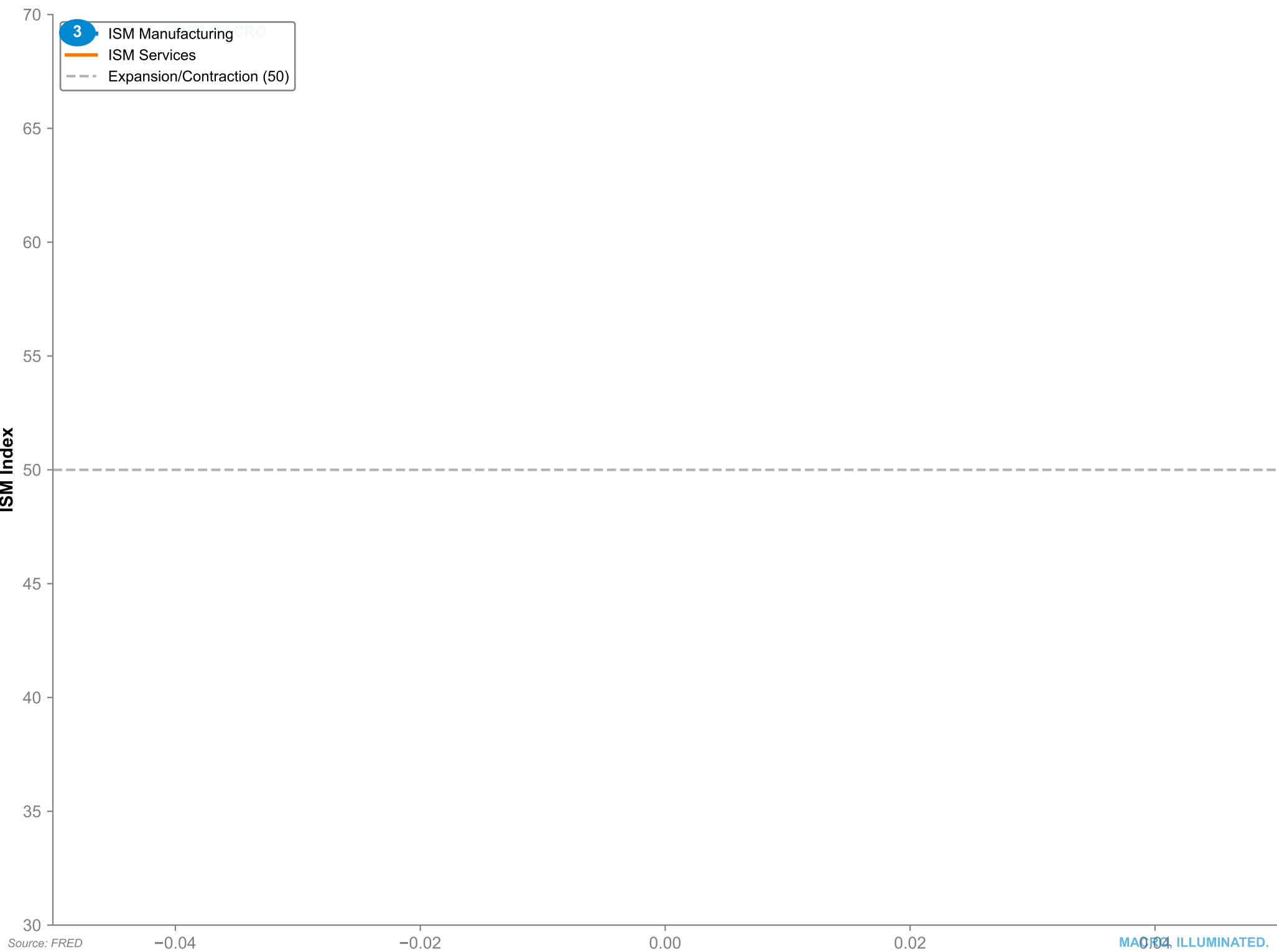
Economic Cycle Positioning: Growth vs Inflation



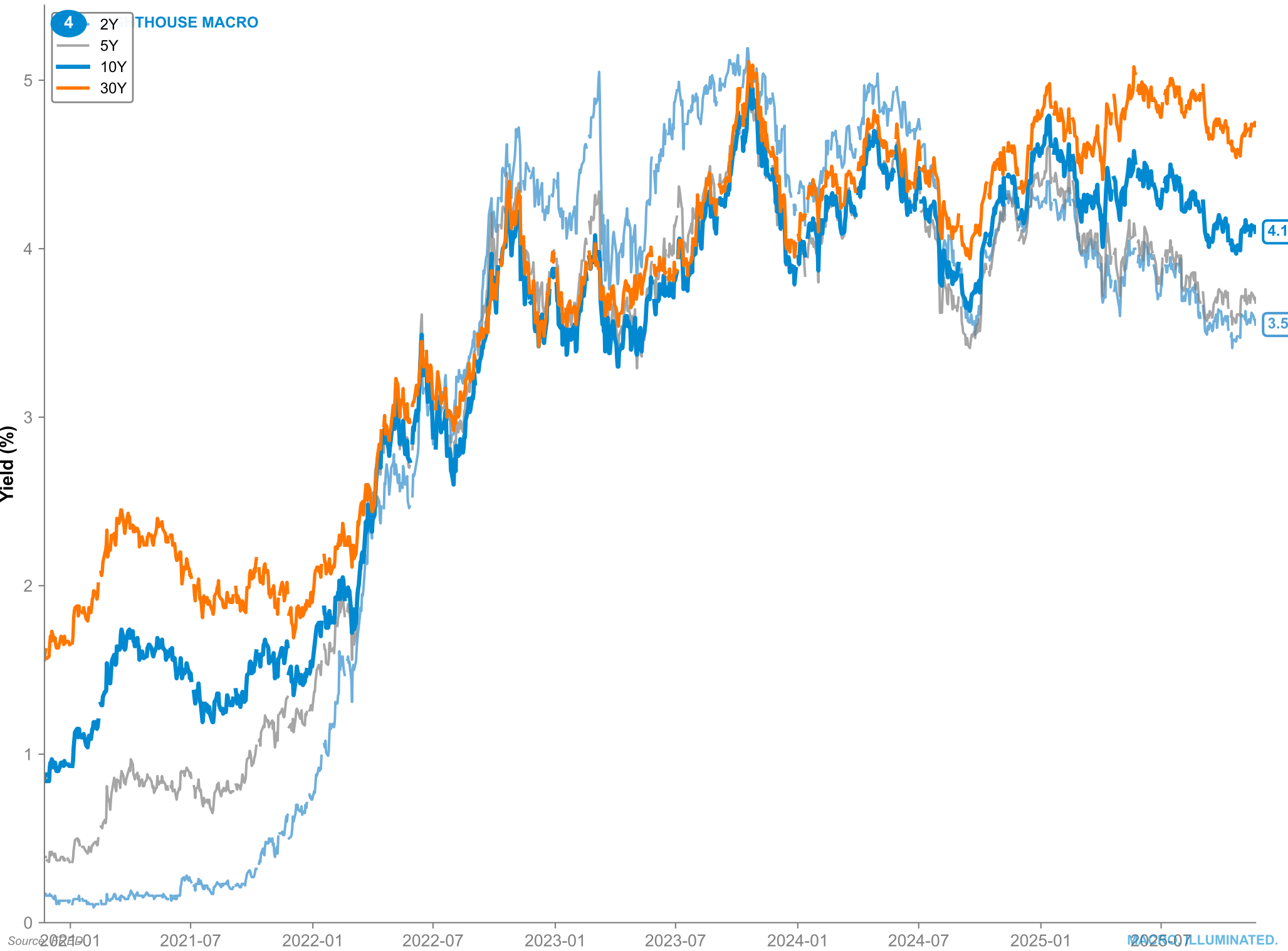
Phillips Curve: Unemployment vs Core Inflation



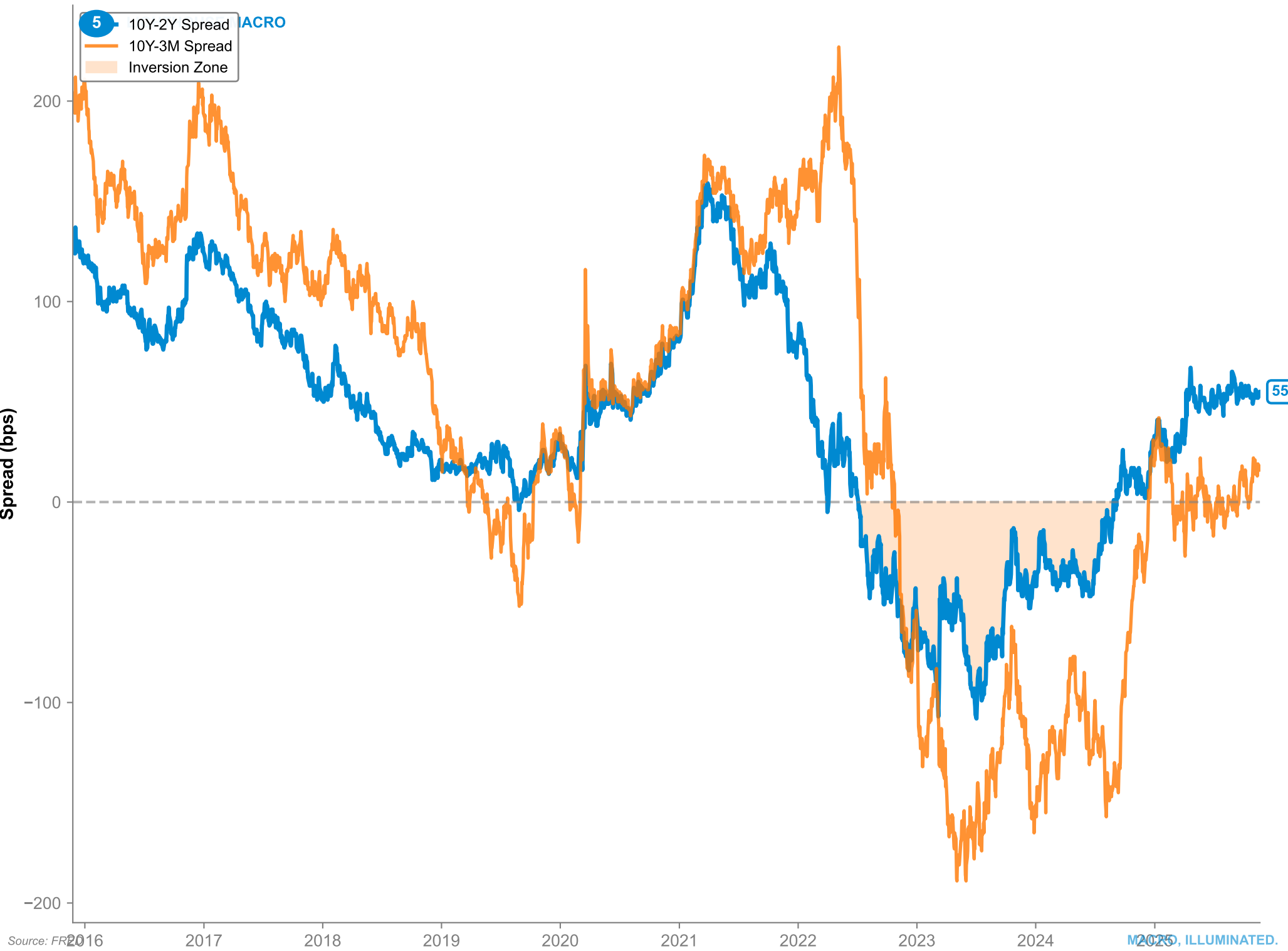
ISM Manufacturing & Services Composite



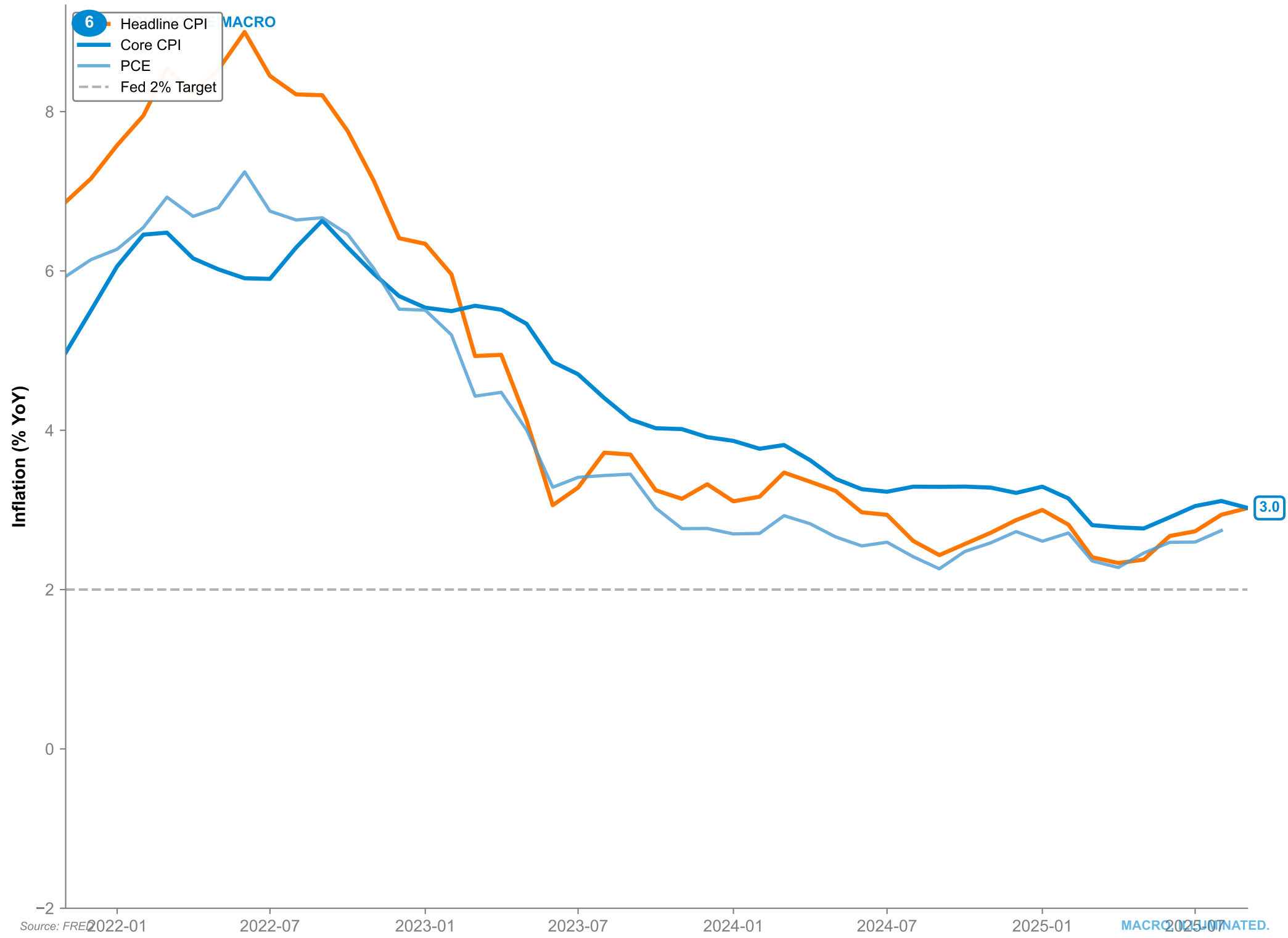
Treasury Yield Curve: 2Y, 5Y, 10Y, 30Y



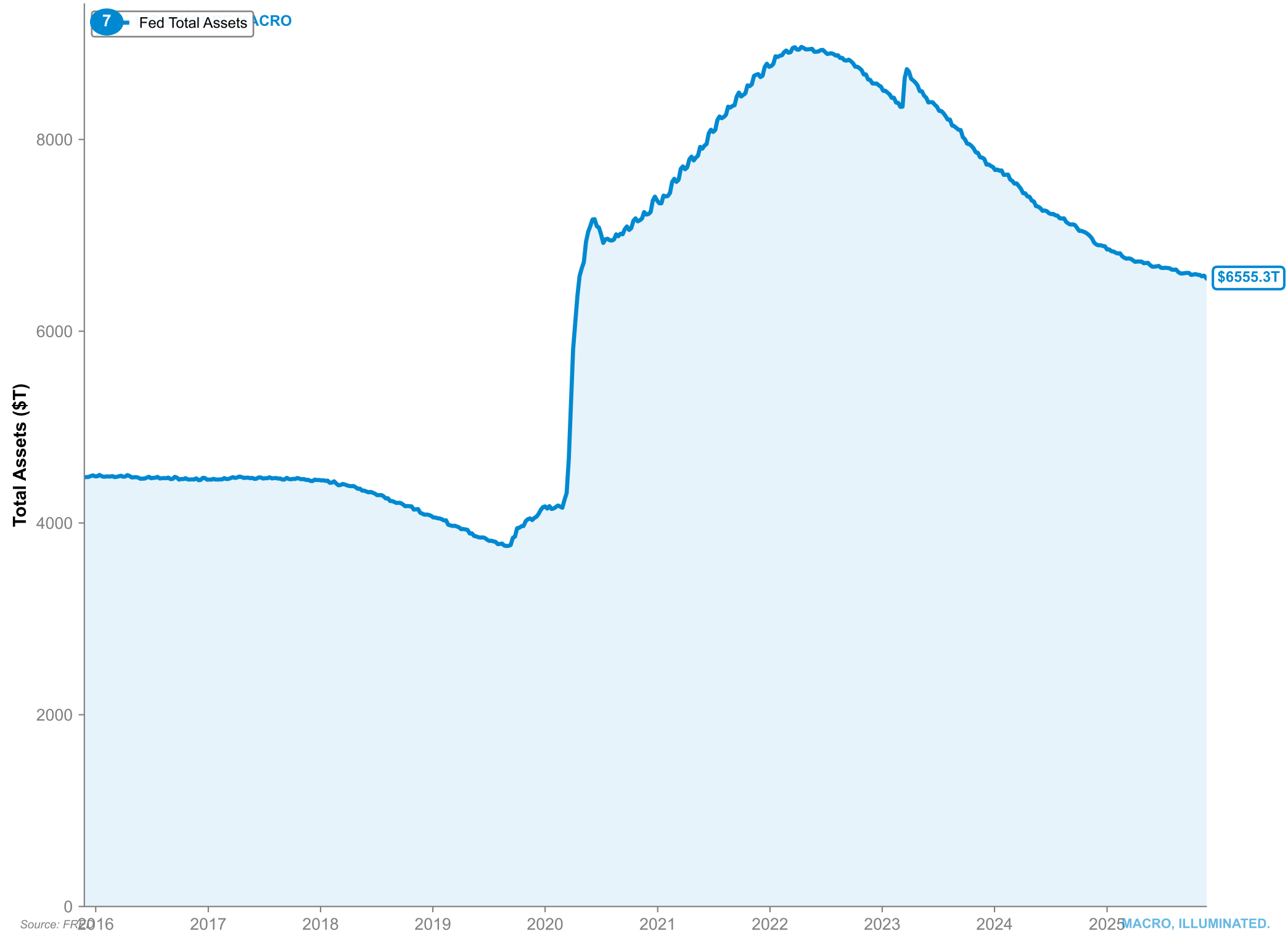
Yield Curve Spreads: Inversion as Recession Predictor



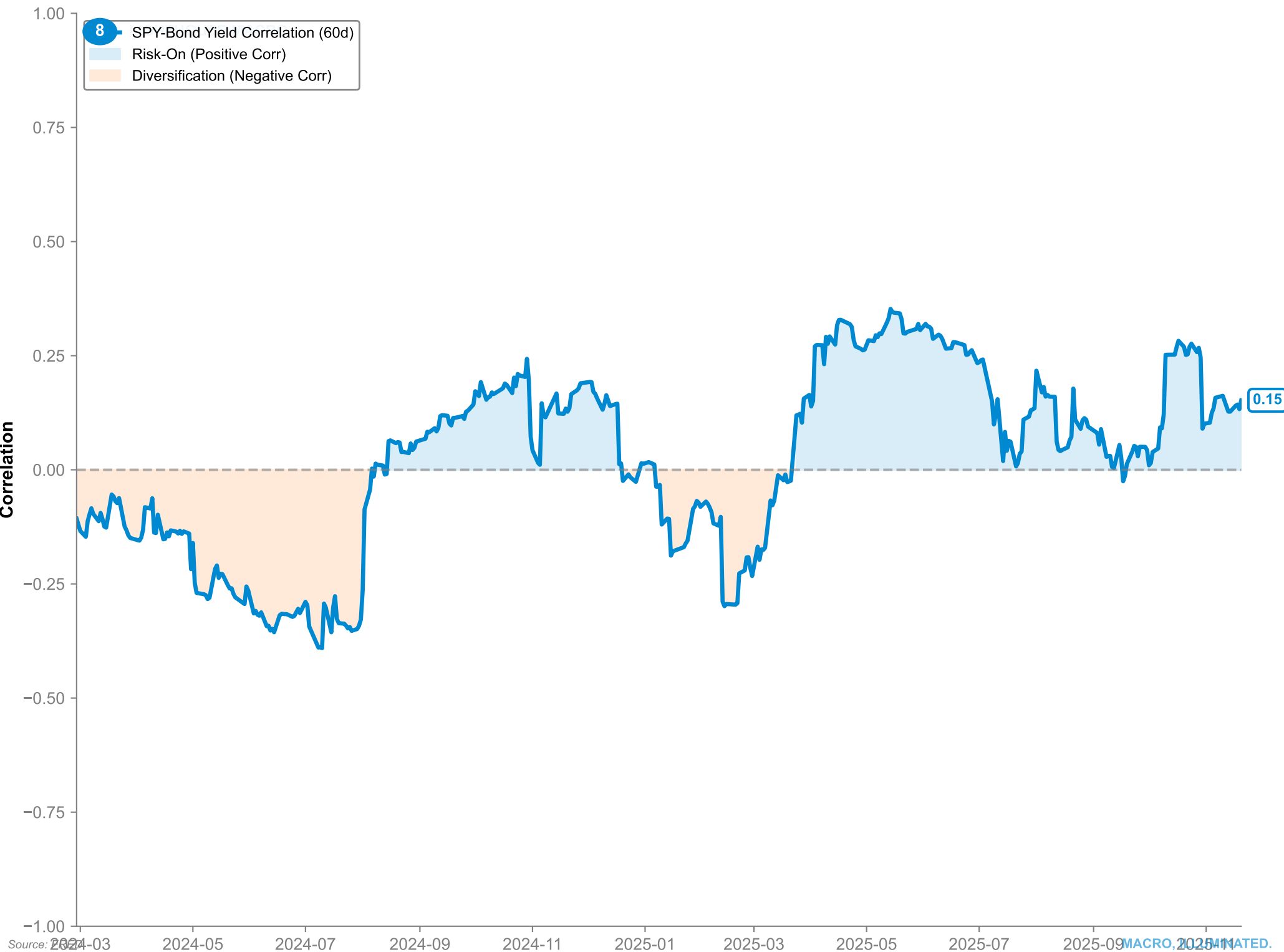
Inflation Components: Headline vs Core



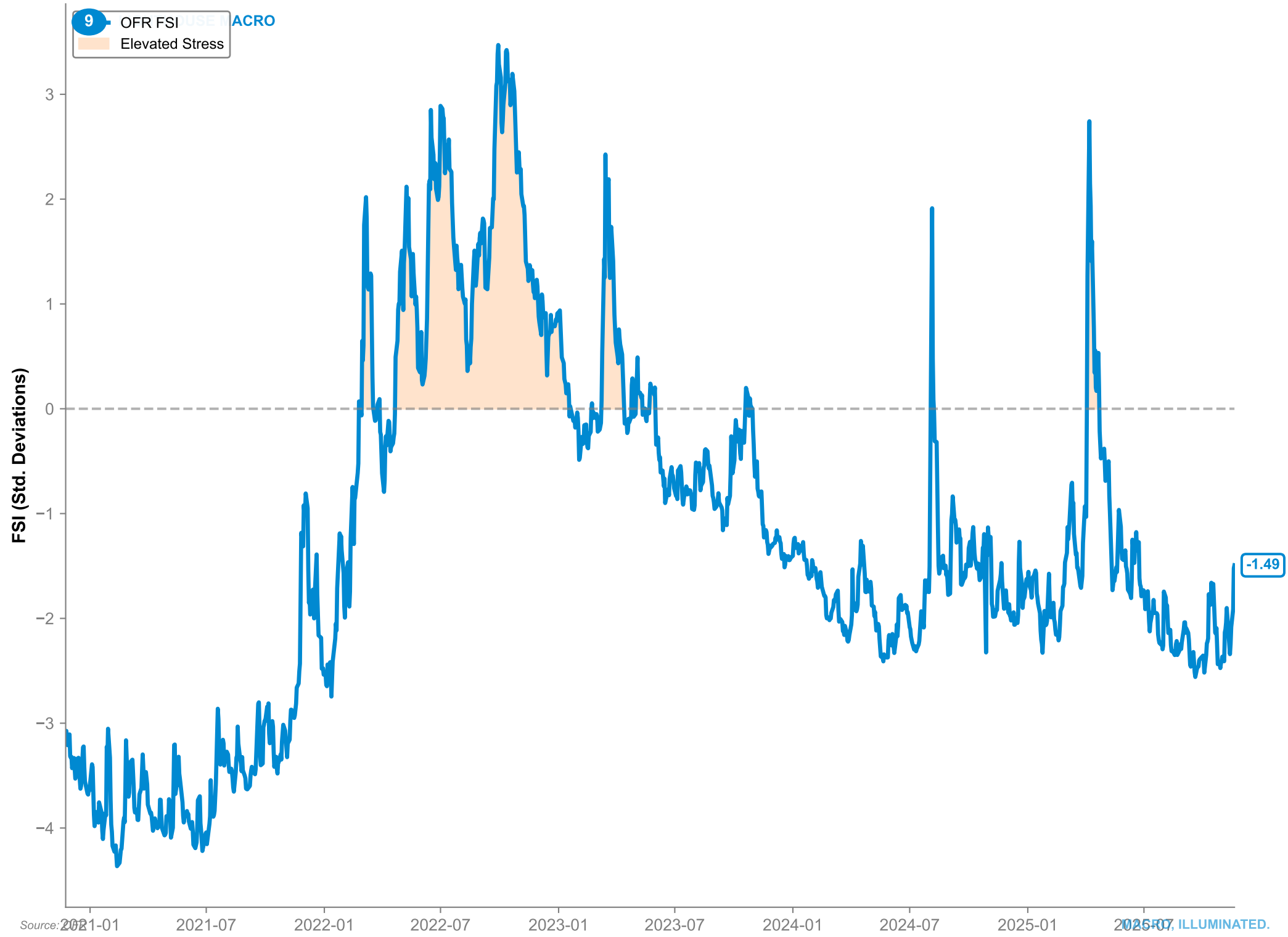
Federal Reserve Balance Sheet: QT in Progress



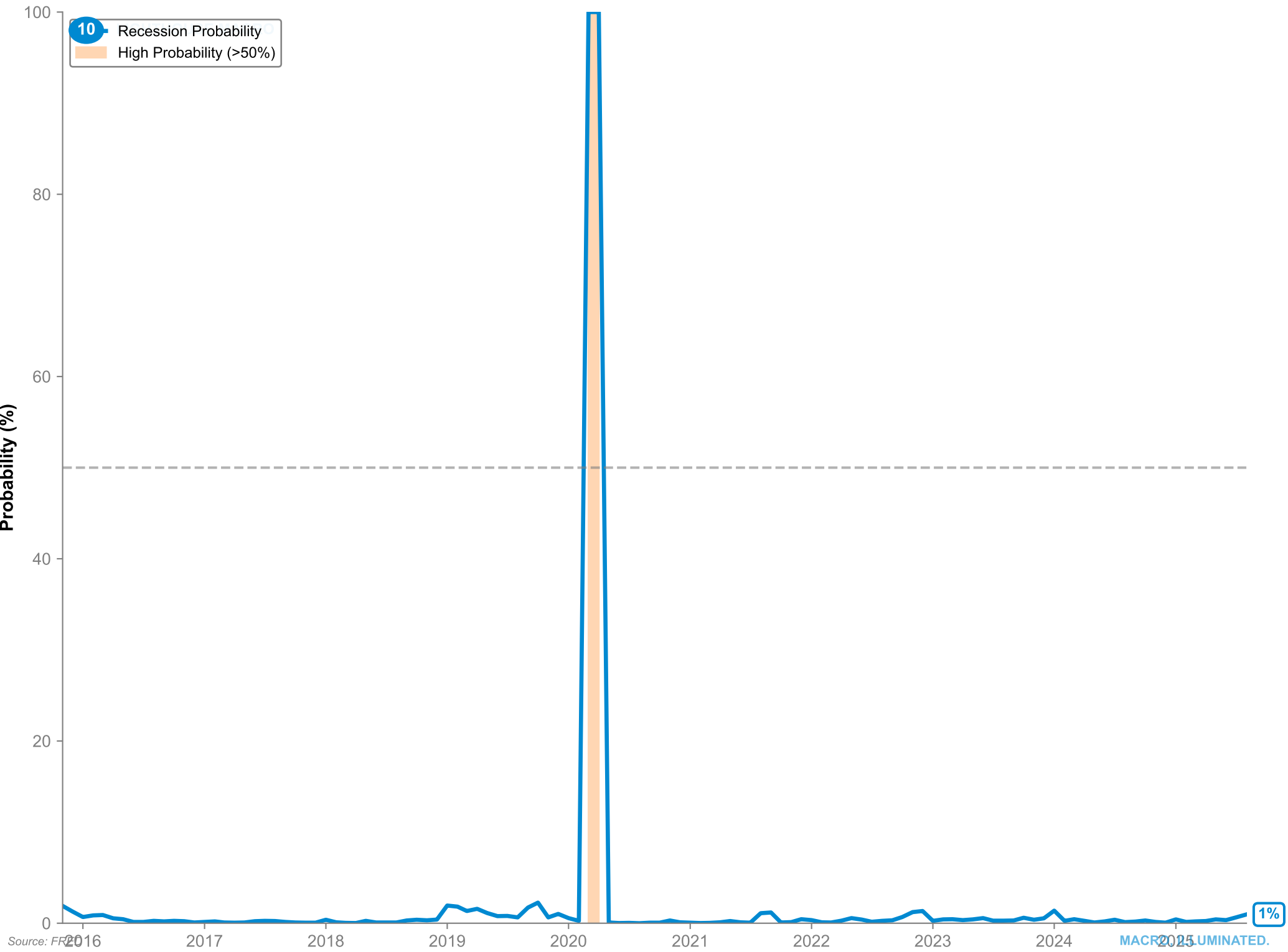
Cross-Asset Correlations: SPY-TLT 60-Day Rolling



OFR Financial Stress Index: System-Wide Stress



Recession Probability: Yield Curve Model



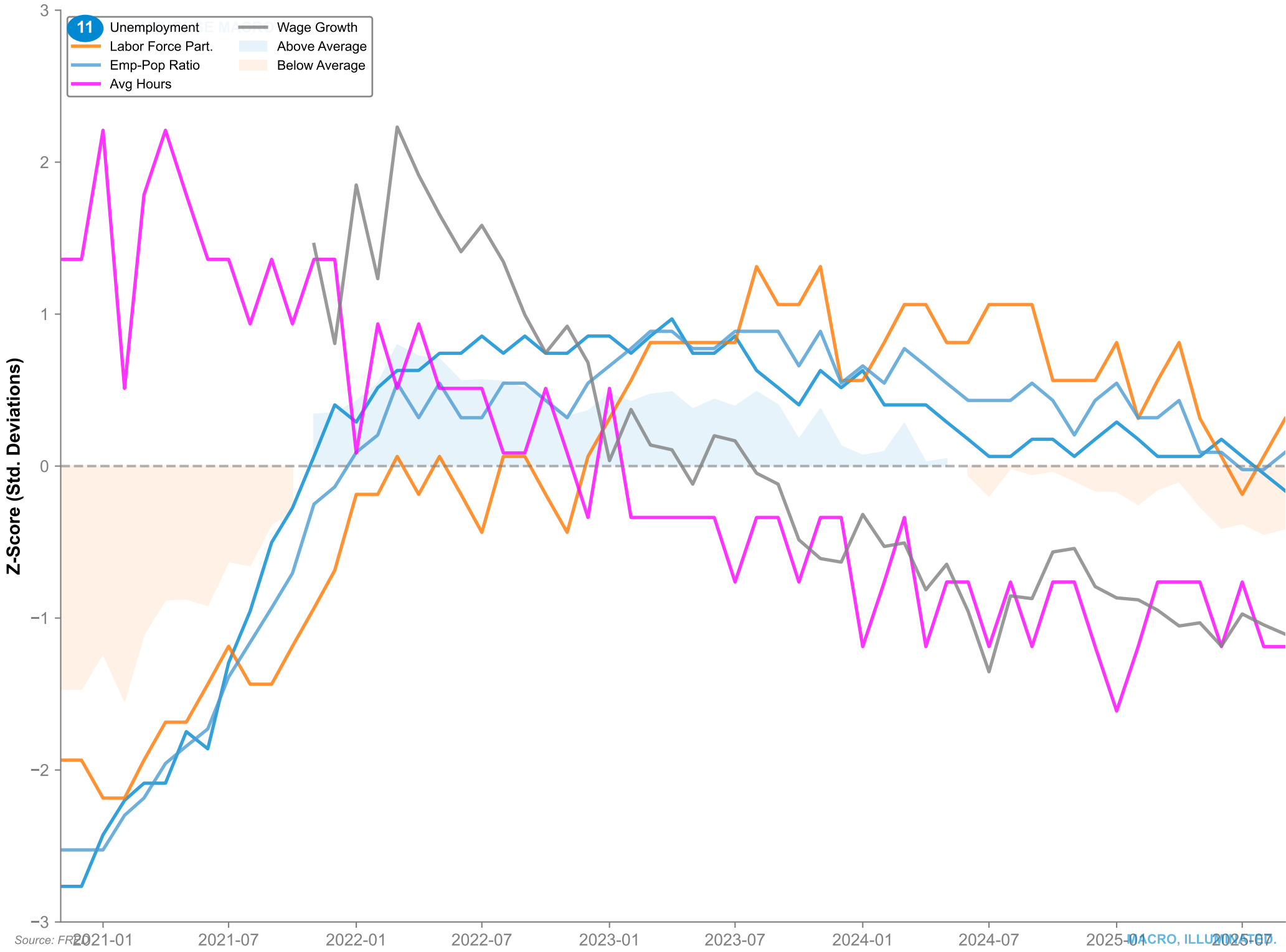
LAYER 2

Labor Markets

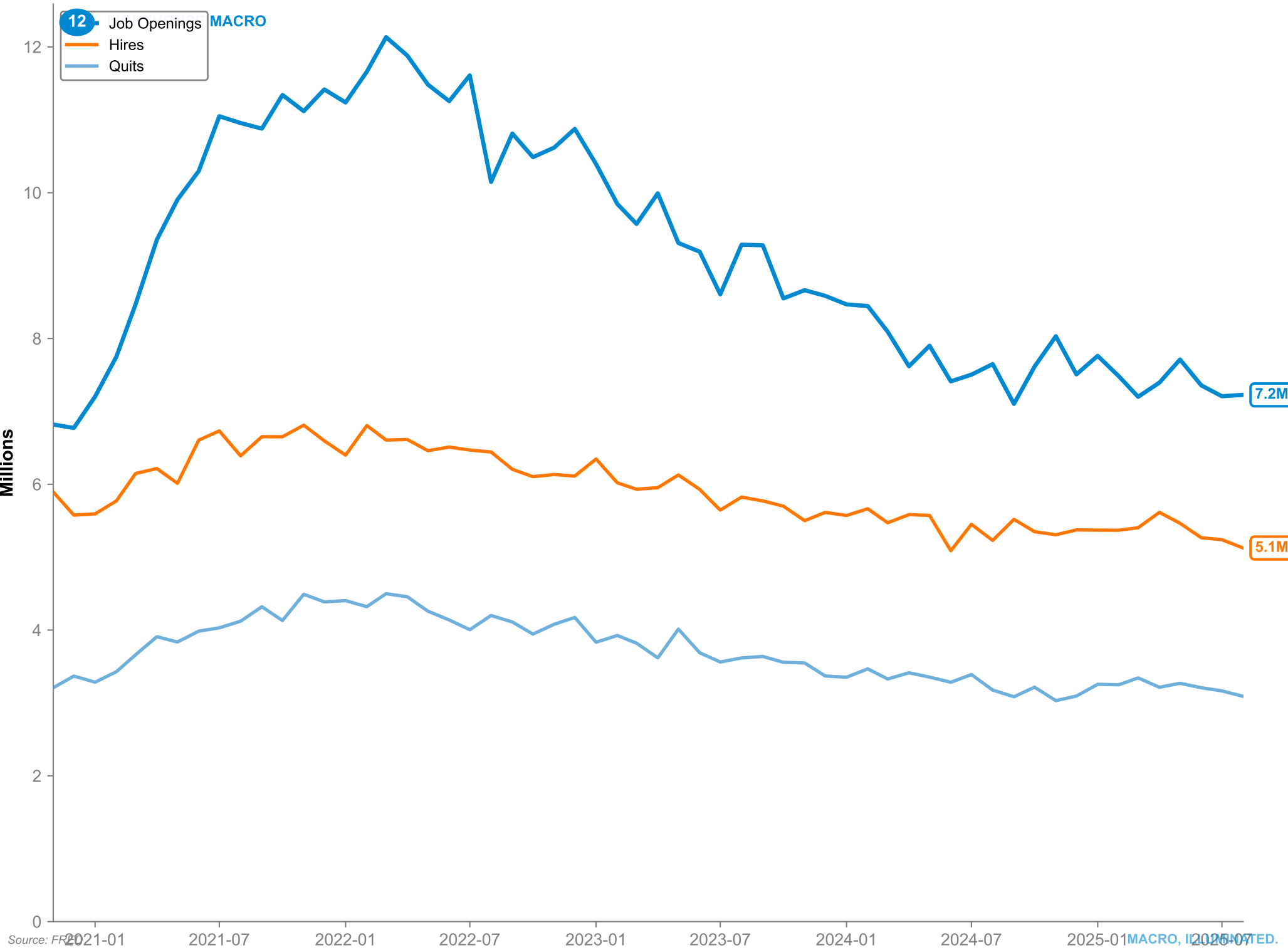
Charts 11-13

Labor market health: multi-metric heatmap, JOLTS indicators,
and Beveridge curve efficiency analysis

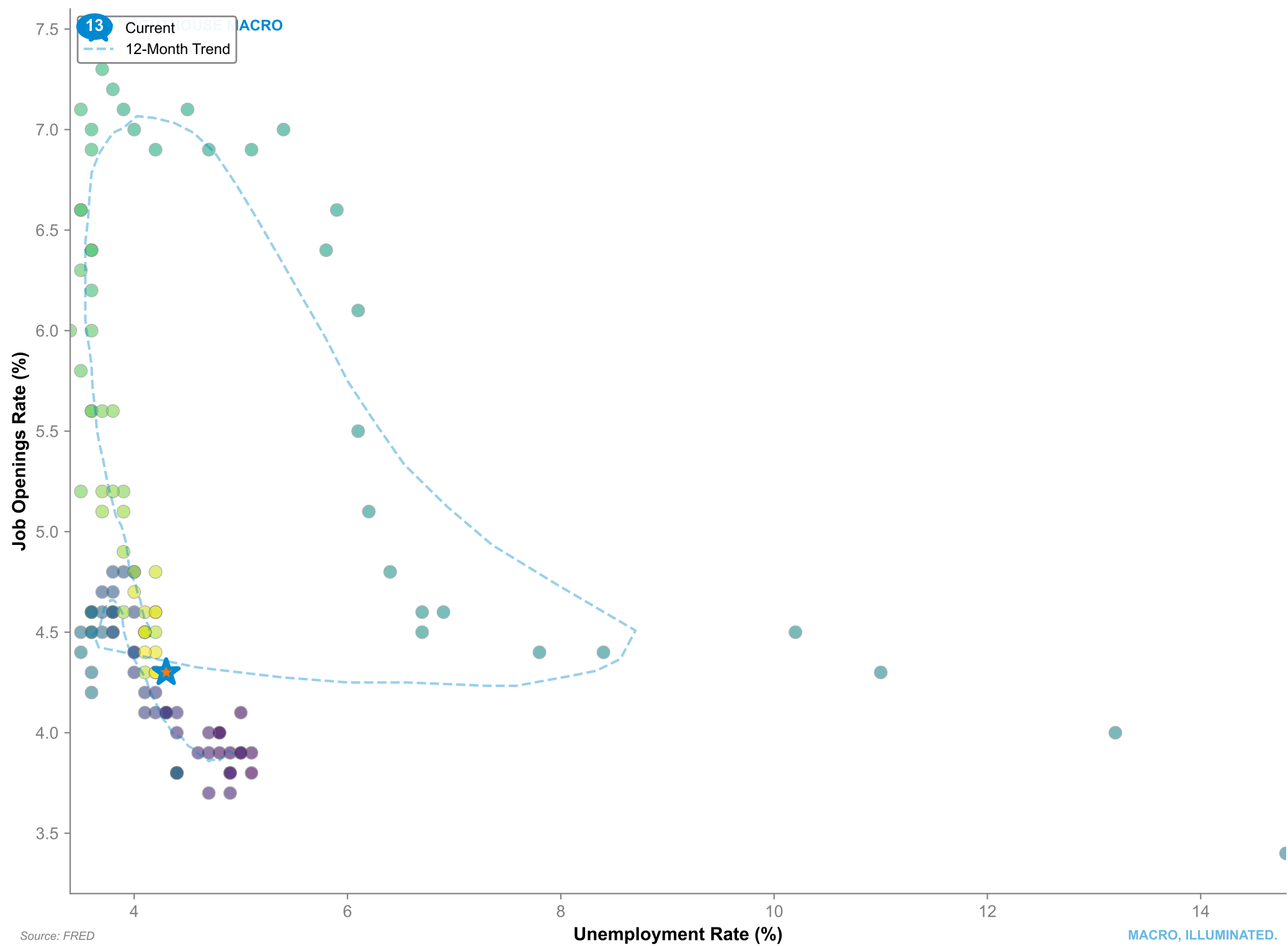
Labor Market Heatmap: Multi-Metric Z-Scores



JOLTS Indicators: Openings, Hires, Quits



Beveridge Curve: Labor Market Efficiency



LAYER 3

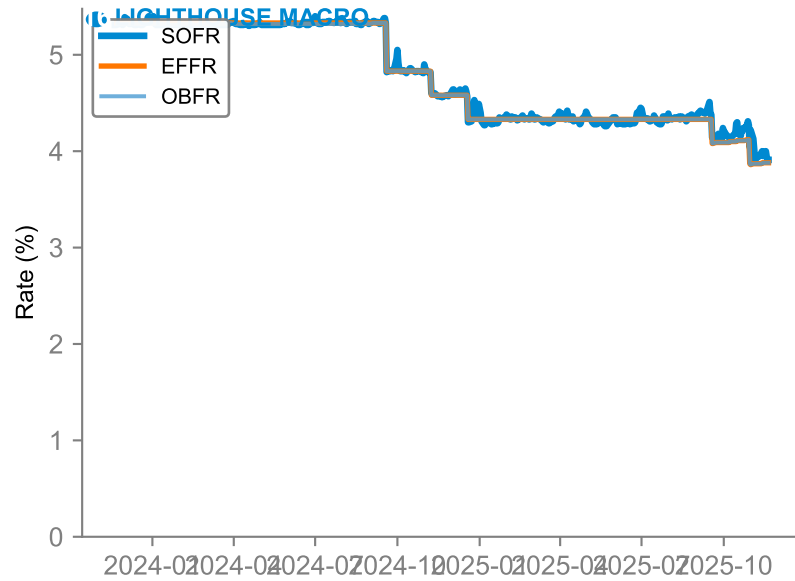
Money Market Plumbing

Charts 16-23

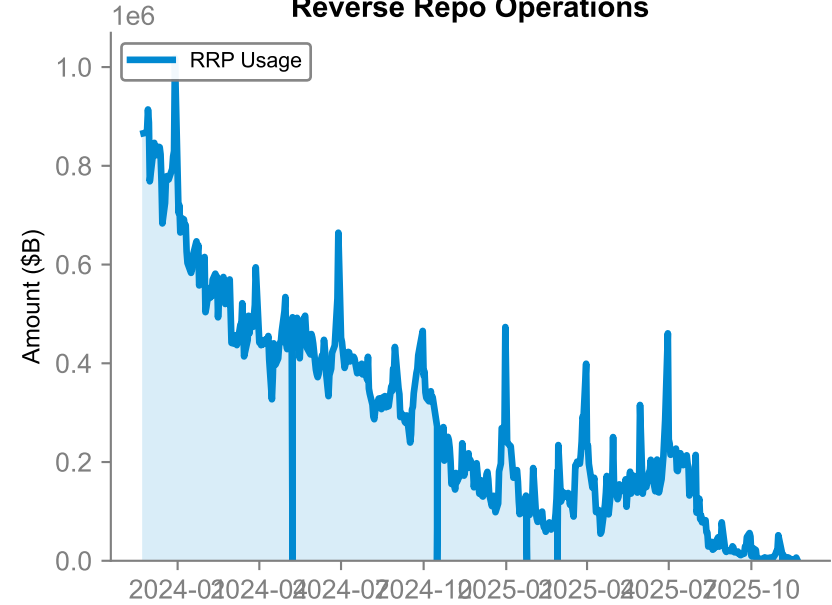
Fed operations, funding markets, RRP dynamics, dealer positioning,
and cross-market stress transmission

Money Market Dashboard: Plumbing Health Check

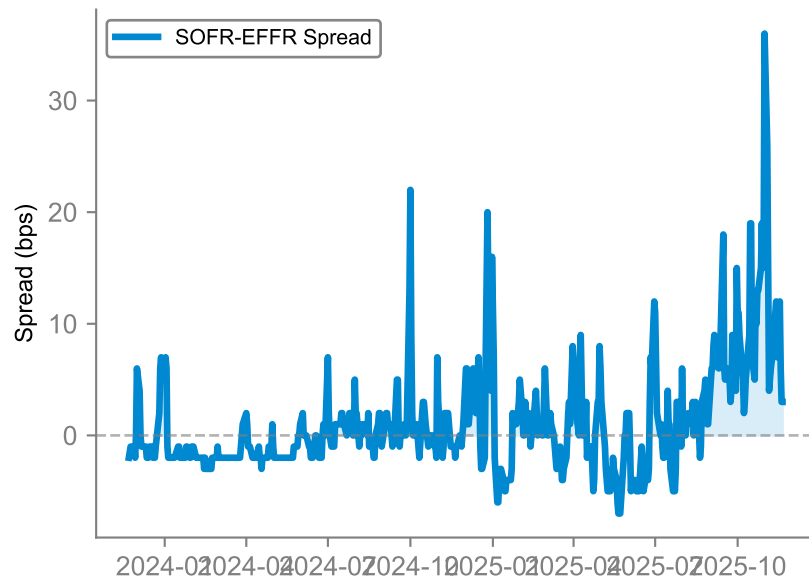
Money Market Rates



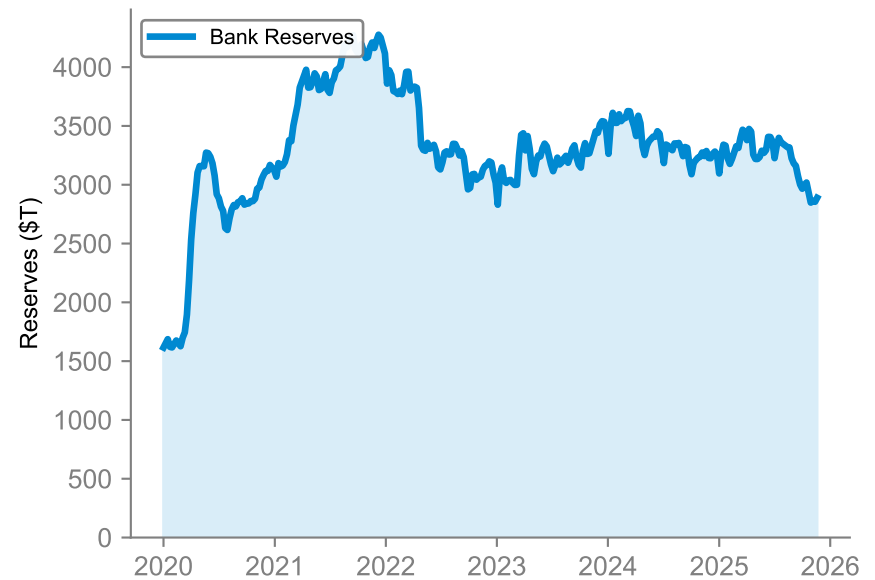
Reverse Repo Operations



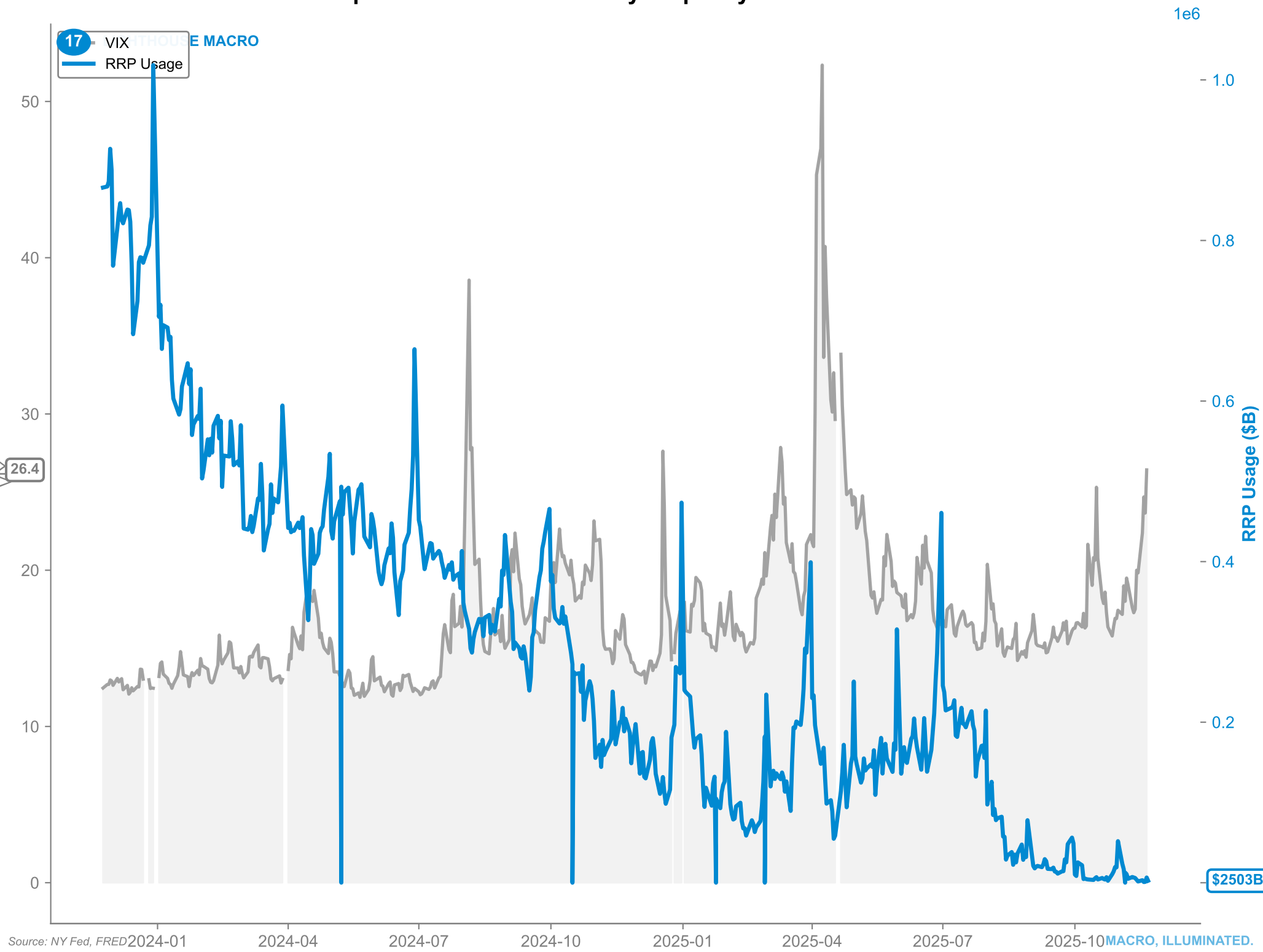
SOFR-EFFR Spread



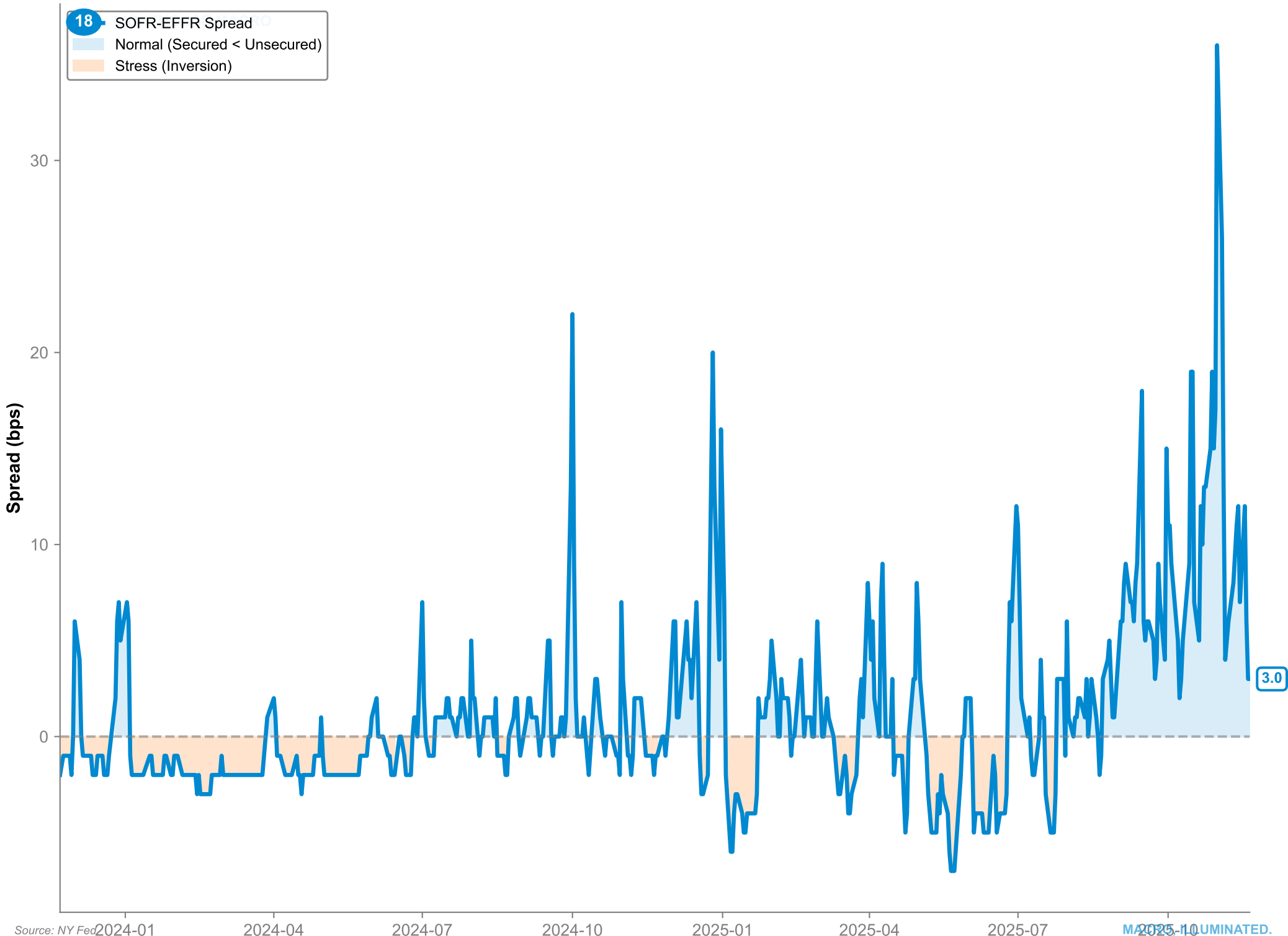
Bank Reserves at Fed



RRP Depletion vs Market Volatility: Liquidity-Stress Transmission

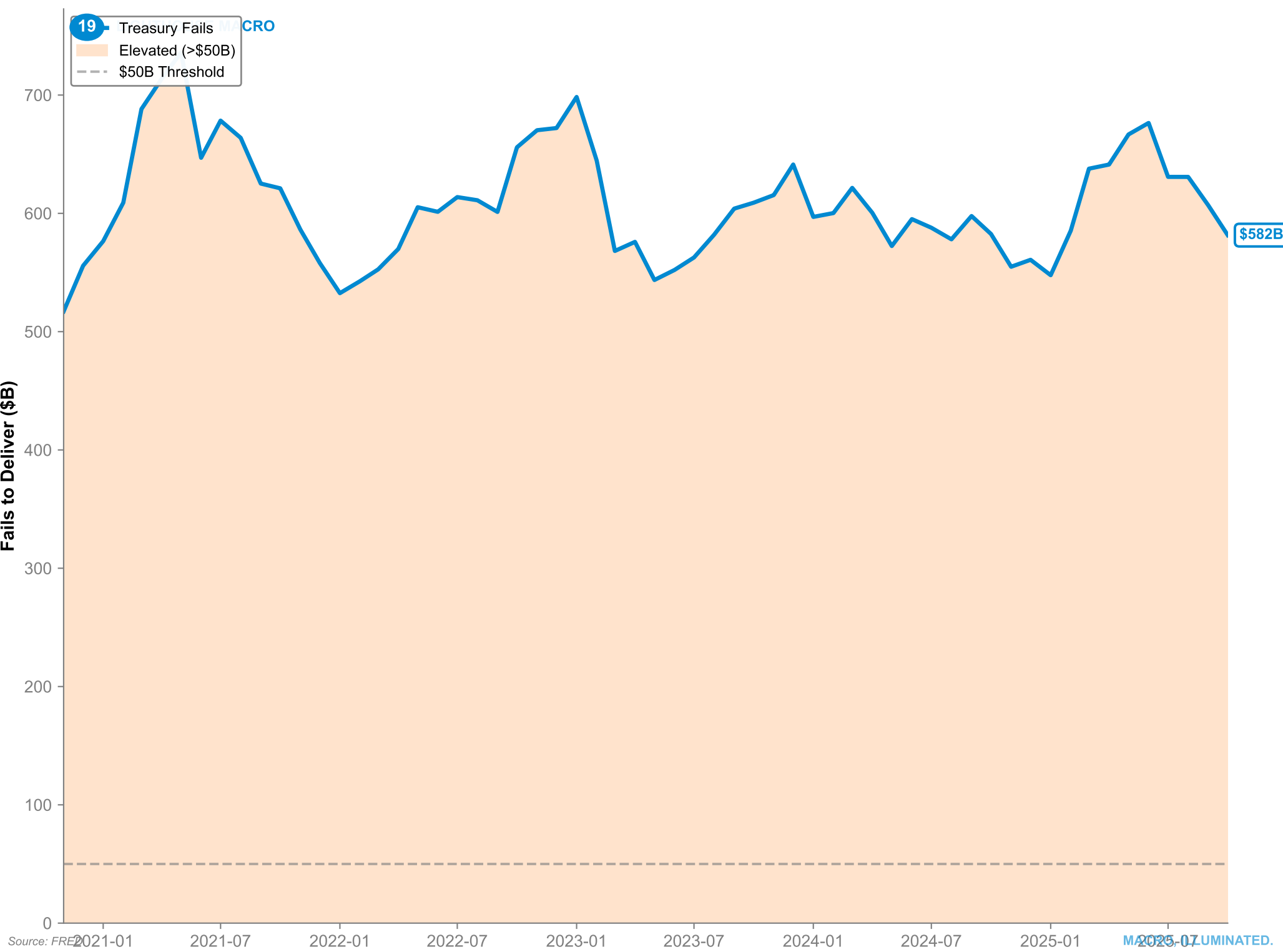


SOFR-EFFR Dynamics: Secured vs Unsecured Funding Premium

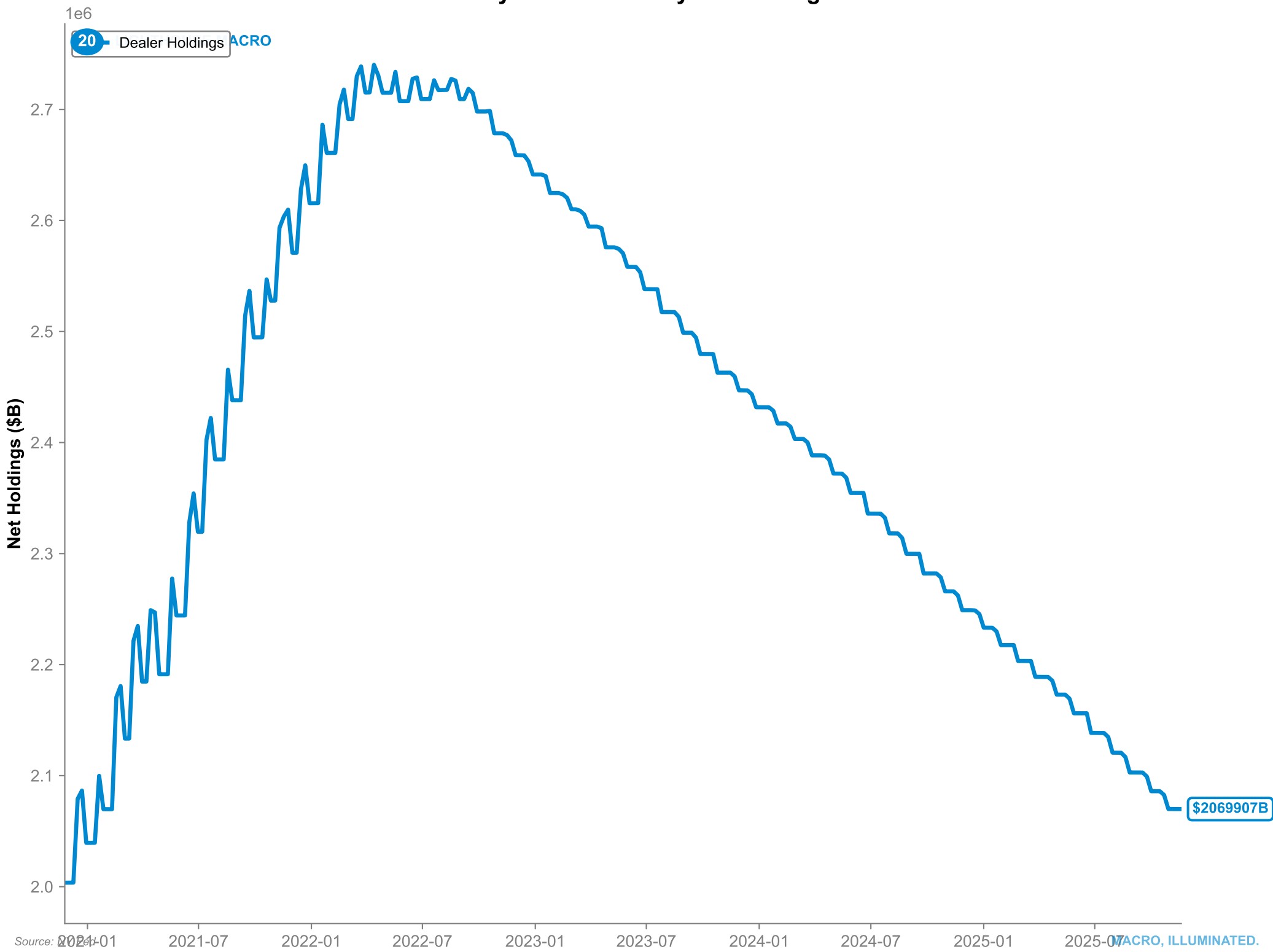


Treasury Settlement Fails: Plumbing Stress Indicator

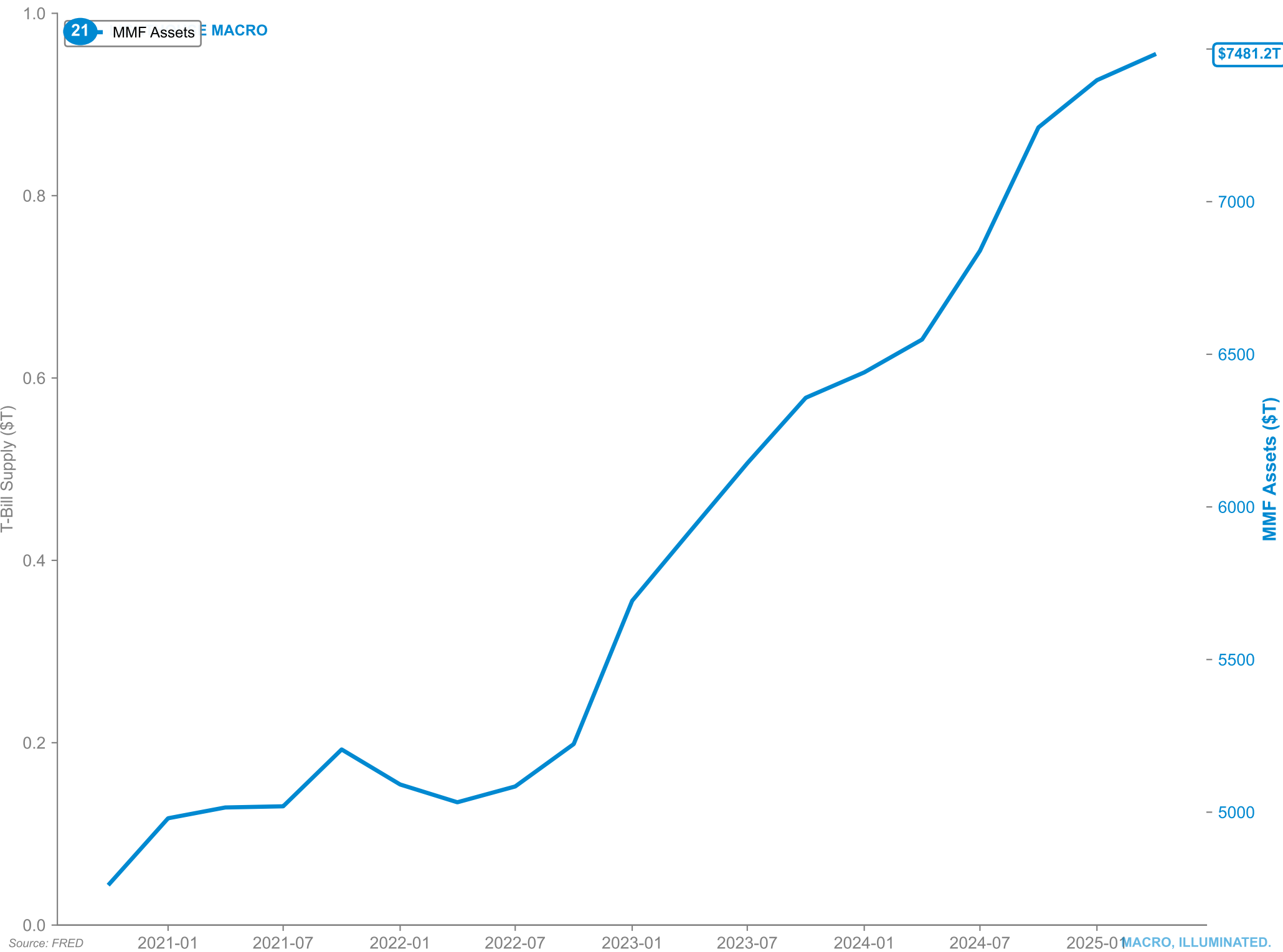
- 19 Treasury Fails
- Elevated (>\$50B)
- \$50B Threshold



Primary Dealer Treasury Positioning



Money Market Funds vs T-Bill Supply



Swap Spreads: 2Y, 5Y, 10Y, 30Y (TradingView Data Pending)



Cross-Currency Basis: EUR/USD, JPY/USD (TradingView Data Pending)

23 LIGHTHOUSE MACRO

TradingView cross-currency basis data integration pending
Manual export required from TradingView

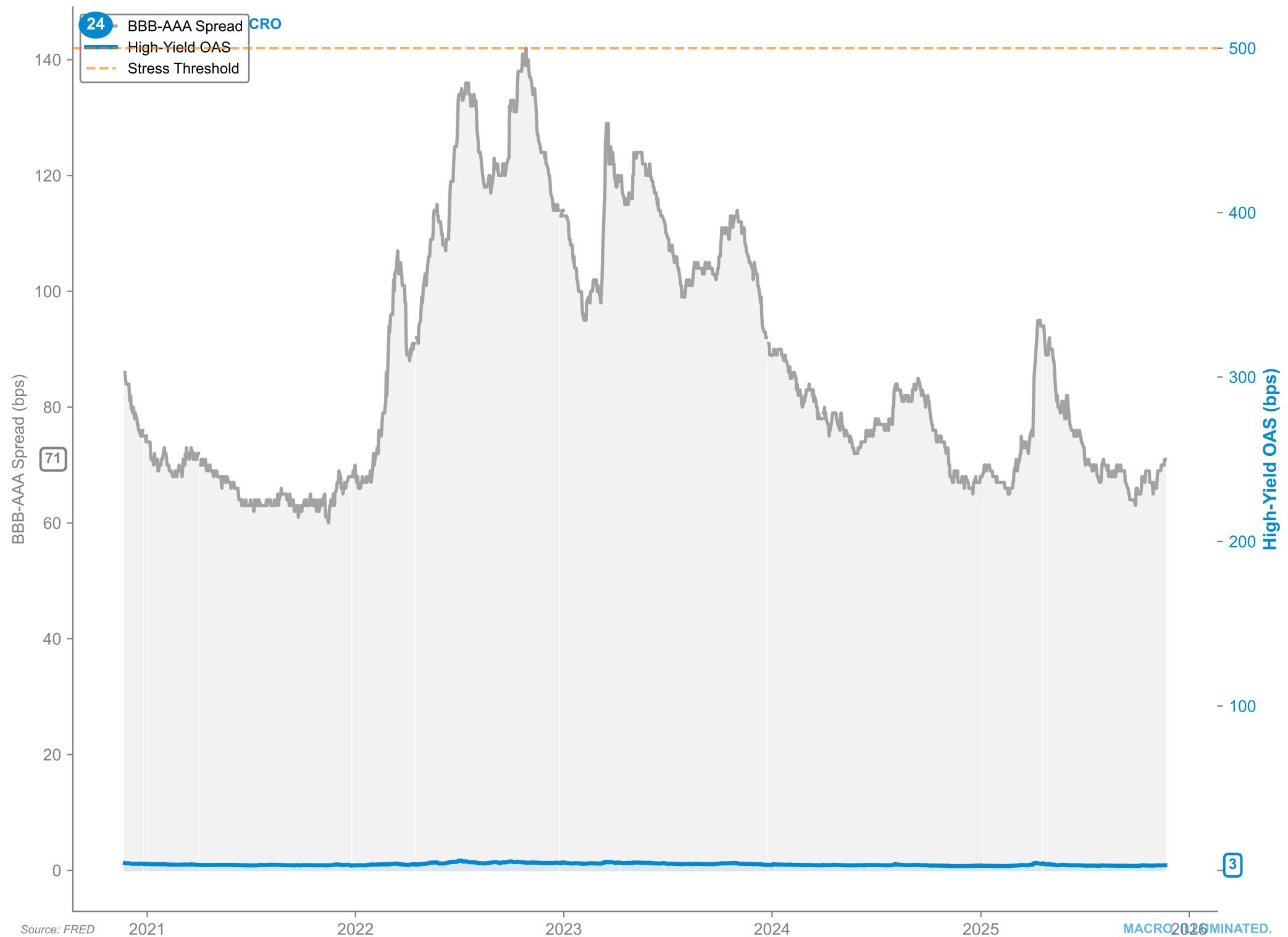
LAYER 4

Credit & Risk

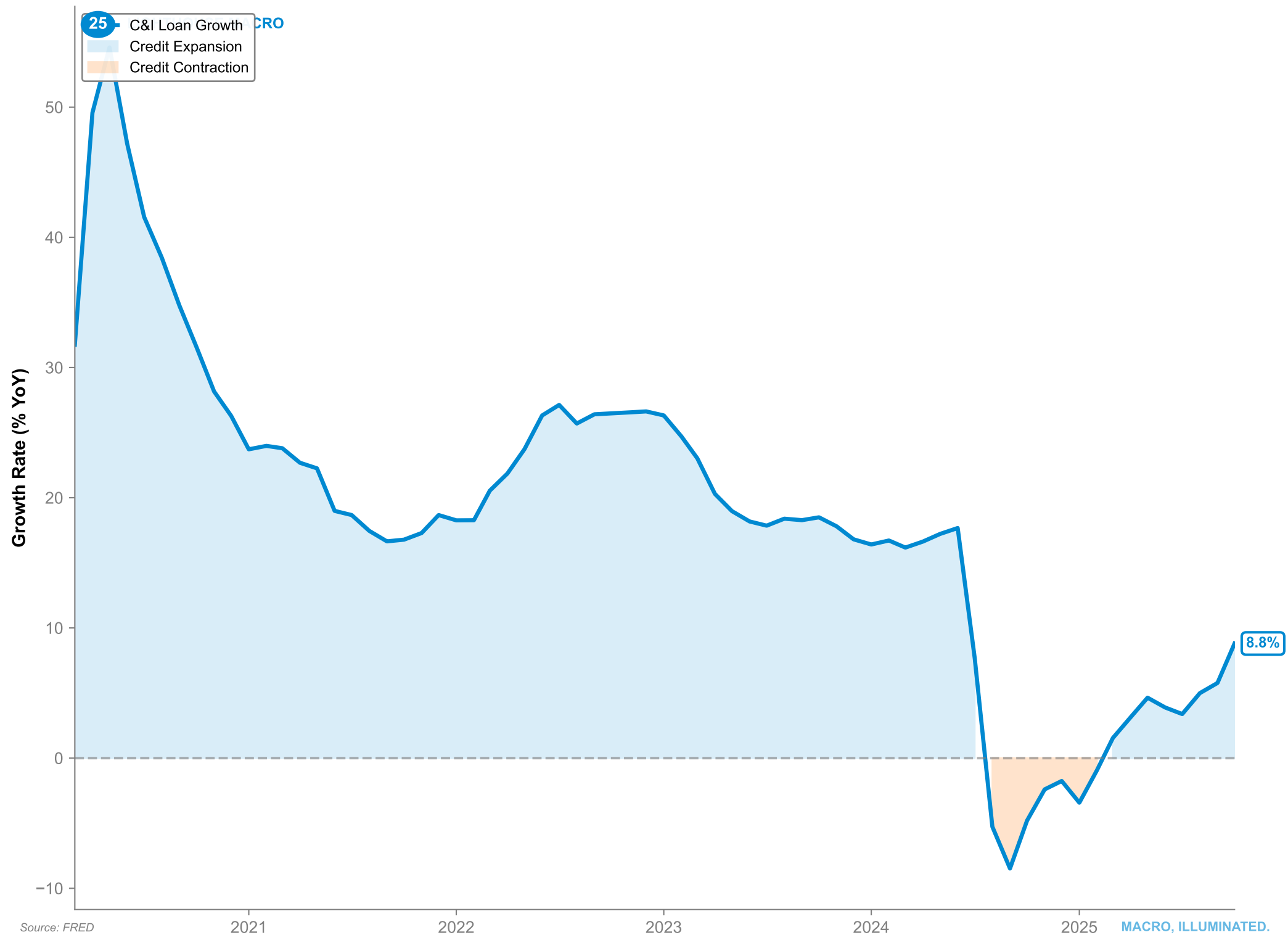
Charts 24-30

High-yield spreads, credit cycle, corporate leverage, bond volatility,
and real-time credit derivatives

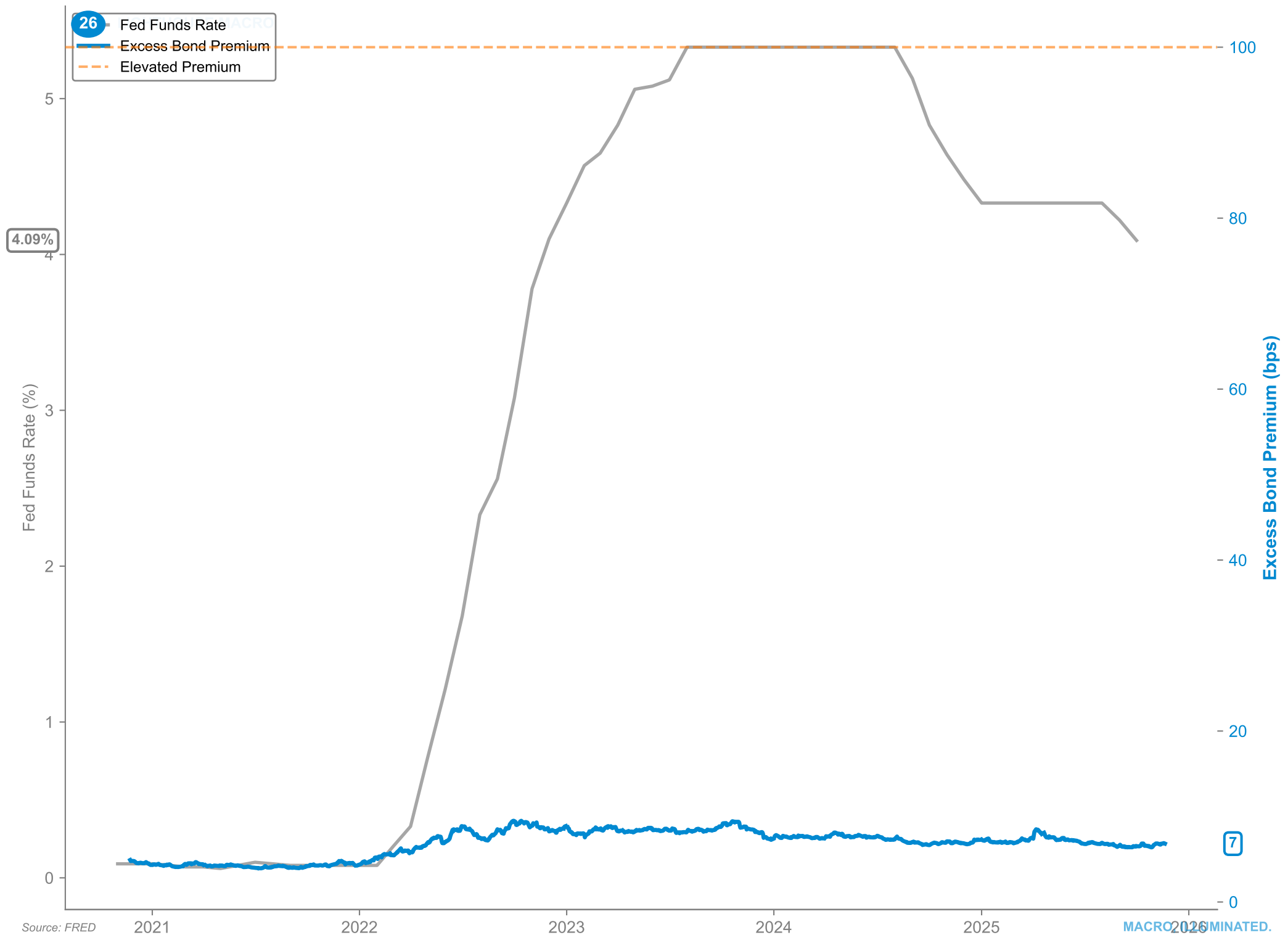
Credit Spreads: High-Yield OAS & Investment Grade Differential



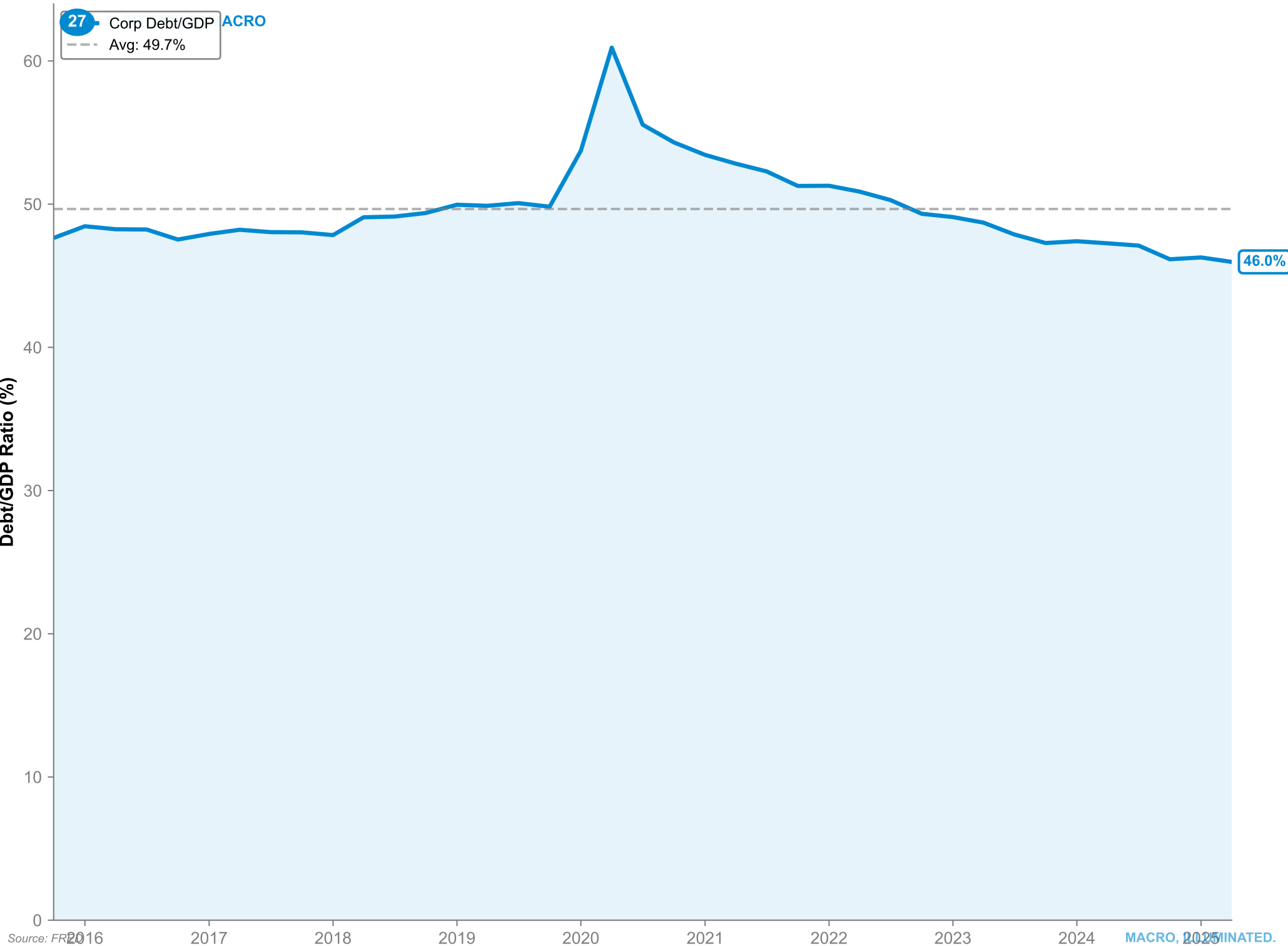
Credit Cycle: C&I Loan Growth (YoY)



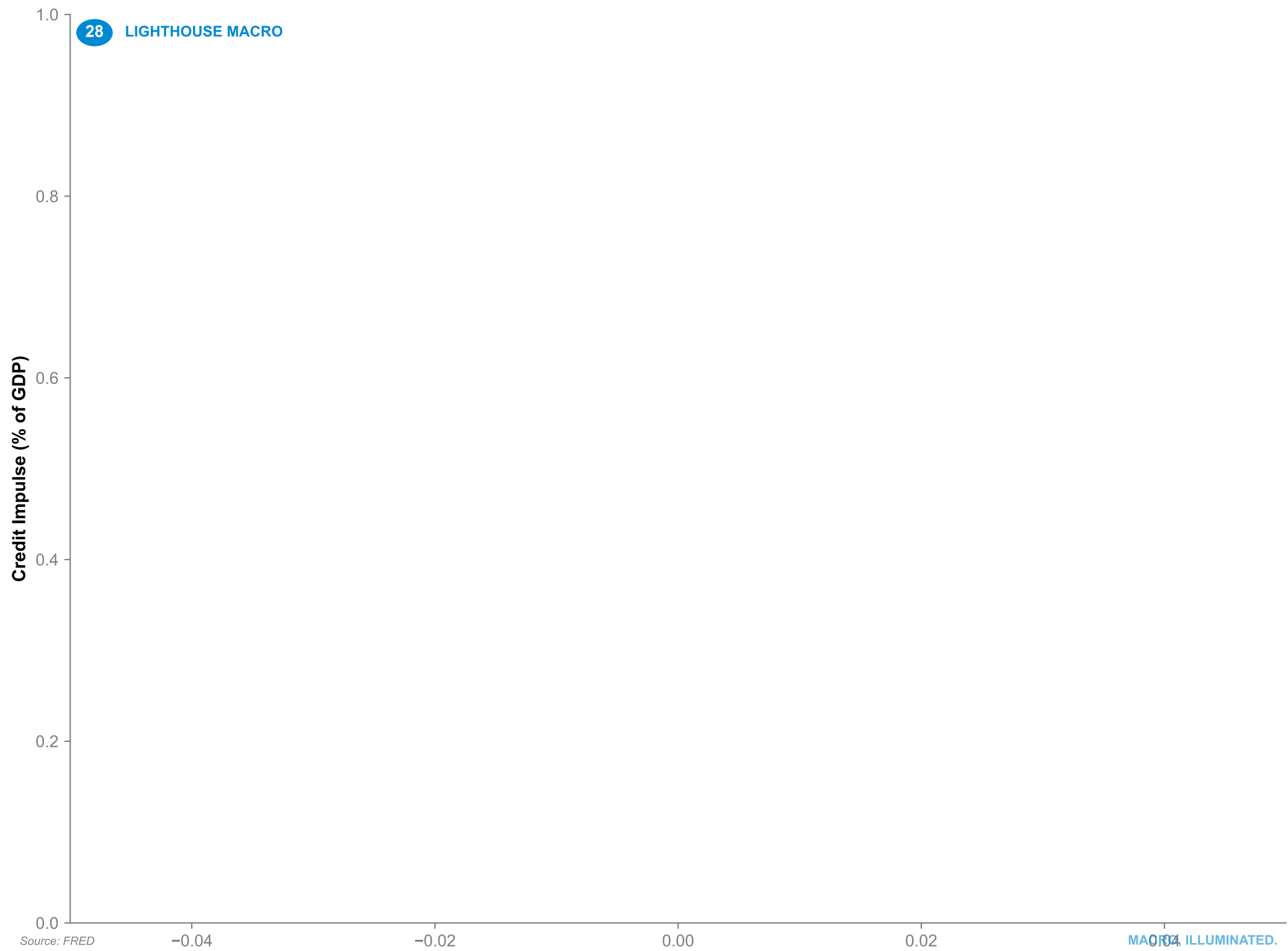
Excess Bond Premium vs Fed Funds: Policy Transmission



Corporate Leverage: Nonfinancial Debt to GDP



Credit Impulse: Bank Lending Acceleration/Deceleration



MOVE Index: Bond Market Volatility (TradingView Data Pending)



CDX IG/HY Indices: Real-Time Credit (TradingView Data Pending)



LAYER 5

Crypto & Digital Assets

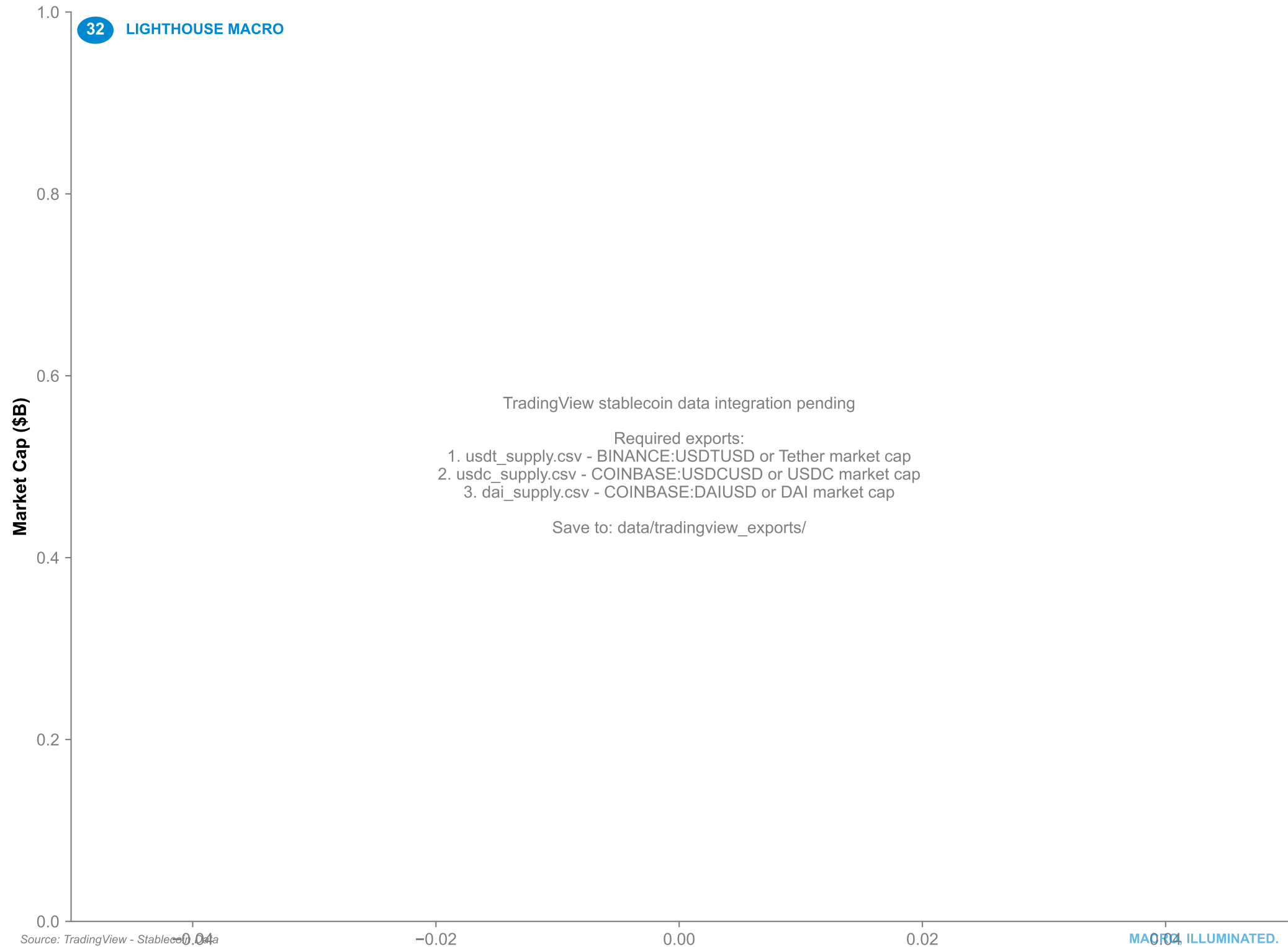
Charts 31-35

Bitcoin dynamics, stablecoin supply, crypto-traditional correlations,
and digital dollar competition with money market funds

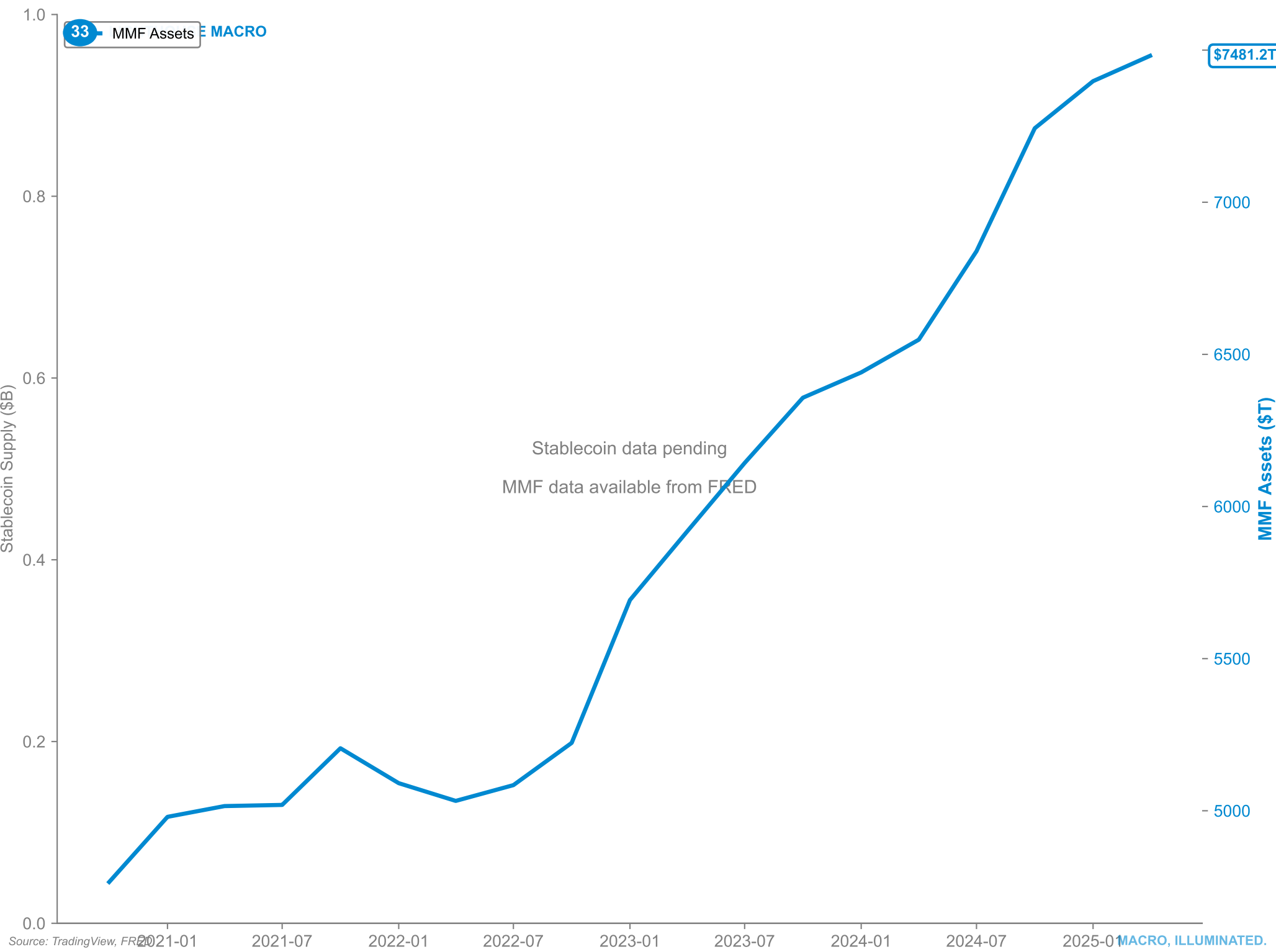
Bitcoin vs Stablecoin Supply: Crypto Liquidity Dynamics



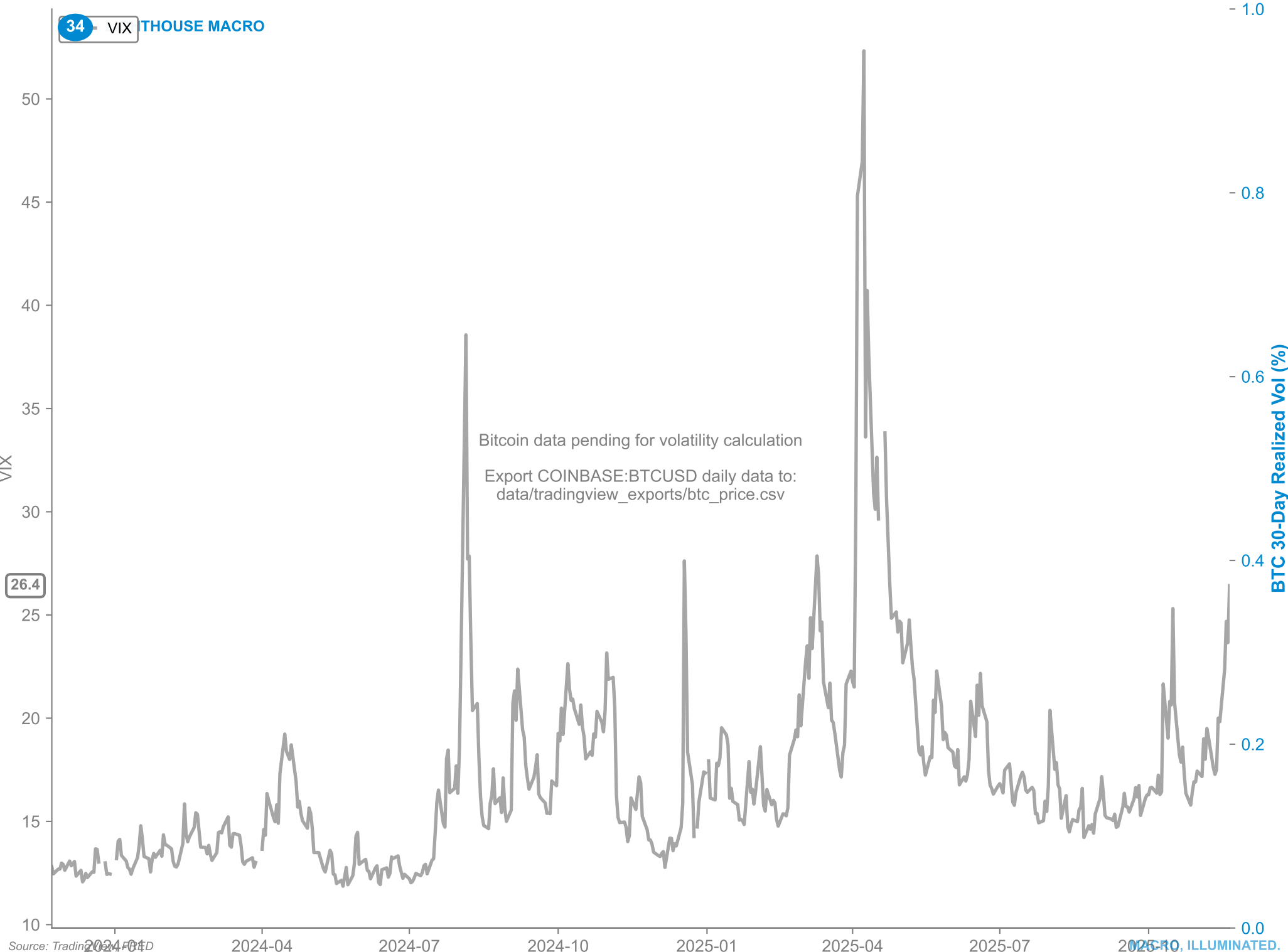
Stablecoin Market Composition: USDT, USDC, DAI



Stablecoins vs Money Market Funds: Digital vs Traditional



Bitcoin Realized Volatility vs VIX: Crypto-Trad Stress



Bitcoin Correlations: Nasdaq vs Gold (90-Day Rolling)



LAYER 6

AI Infrastructure

Charts 36-42

Mag 7 CapEx, AI software growth, semiconductor supply chain,
and single-name technical analysis (NVDA, MSFT, TSM)

Magnificent 7 CapEx Trends: AI Infrastructure Spend

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mag7_capex.png

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AI Software RPO Growth: Remaining Performance Obligations

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Global Semiconductor Equipment vs Taiwan Exports

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US IT Investment Contribution to Real GDP Growth

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NVDA: AI Infrastructure Leader (vs SMH Benchmark)

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MSFT: Cloud/AI Software Leader (vs QQQ Benchmark)

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TSM: Foundry Capacity Bottleneck (vs SMH Benchmark)

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