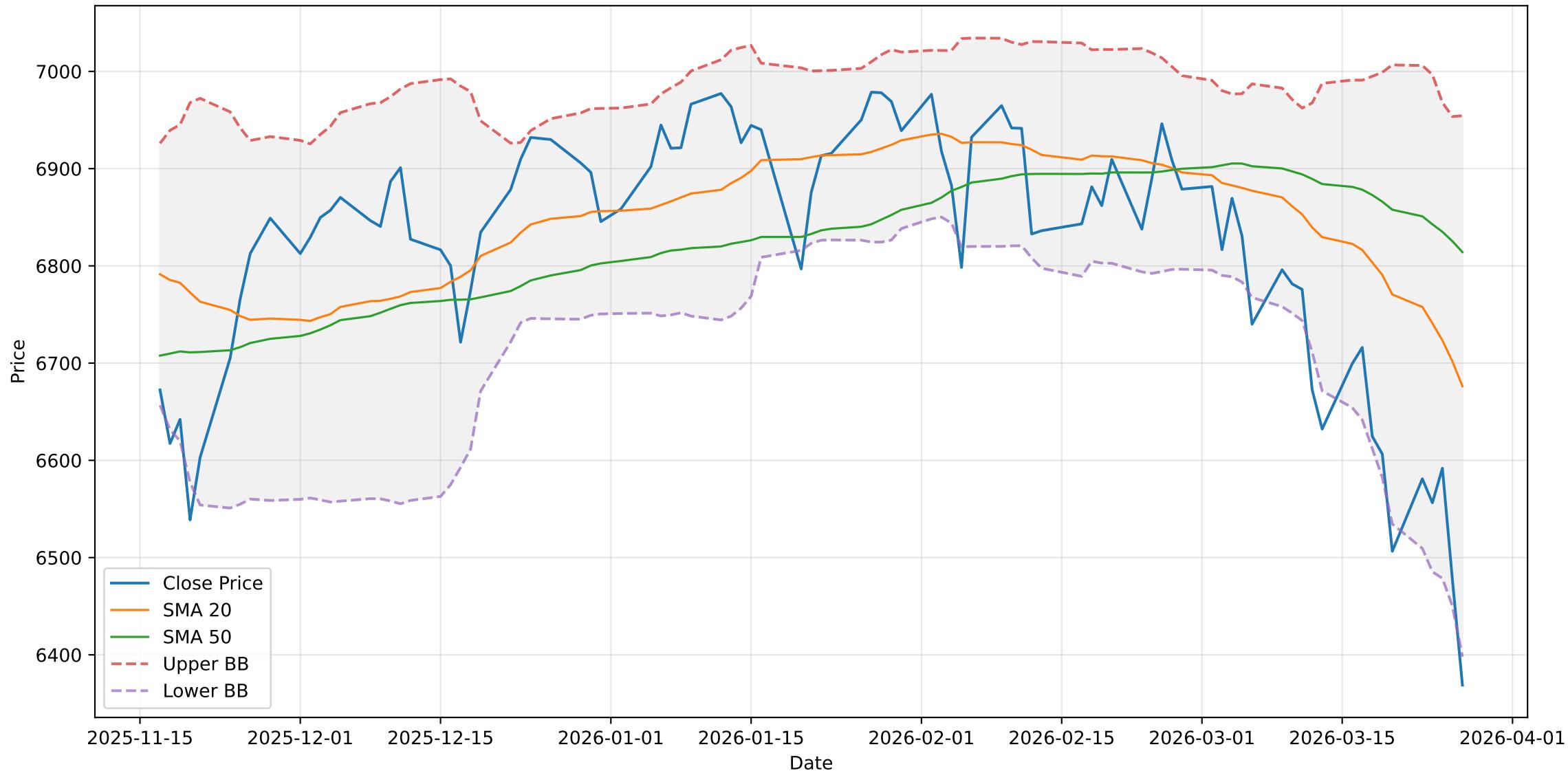# Financial Analysis Report

Ticker: ^GSPC

Analysis window: last 90 trading days

Indicators: SMA · BB · MACD · RSI · Fibonacci · Monte Carlo · ATR · OBV · Stochastic · ADX
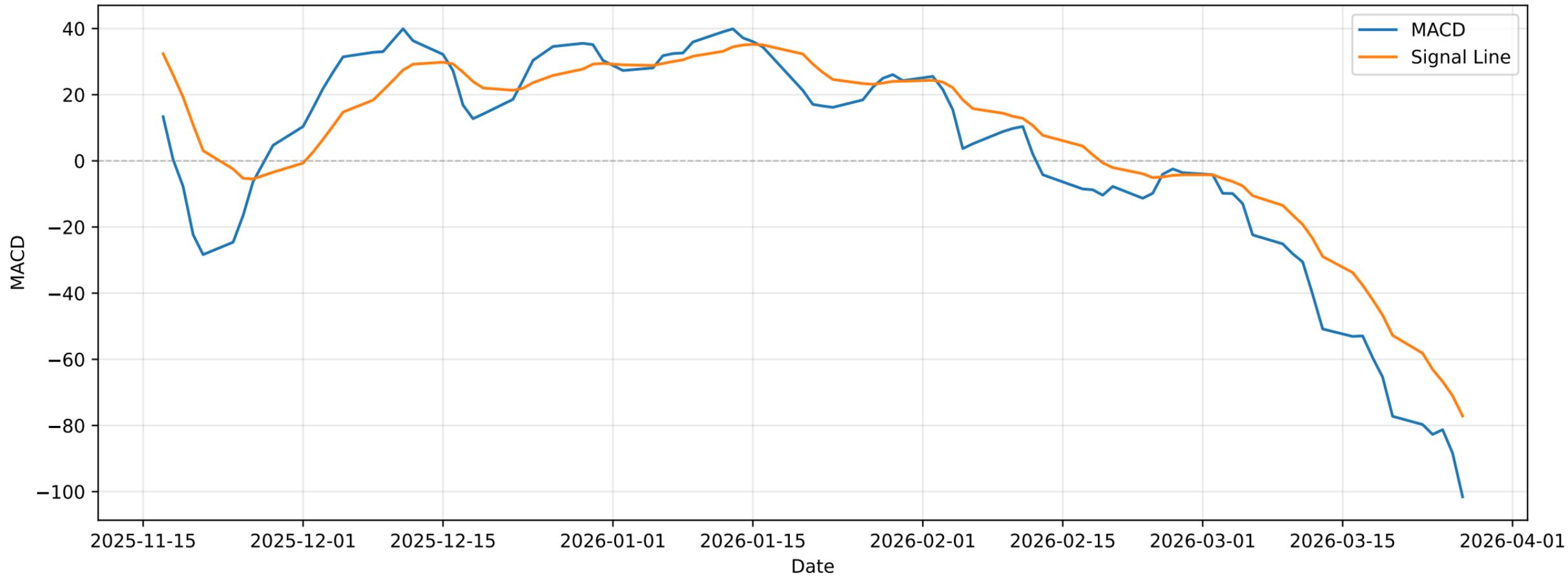
Generated: March 30, 2026

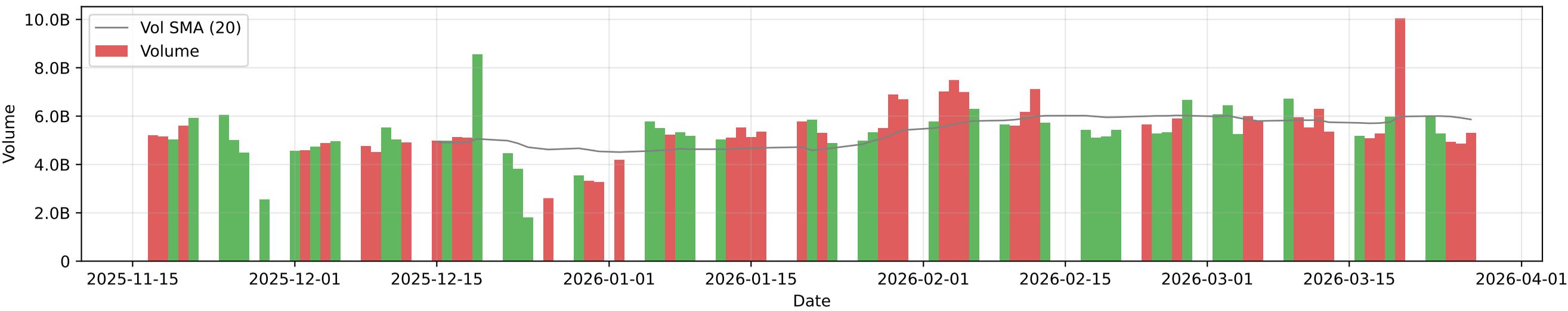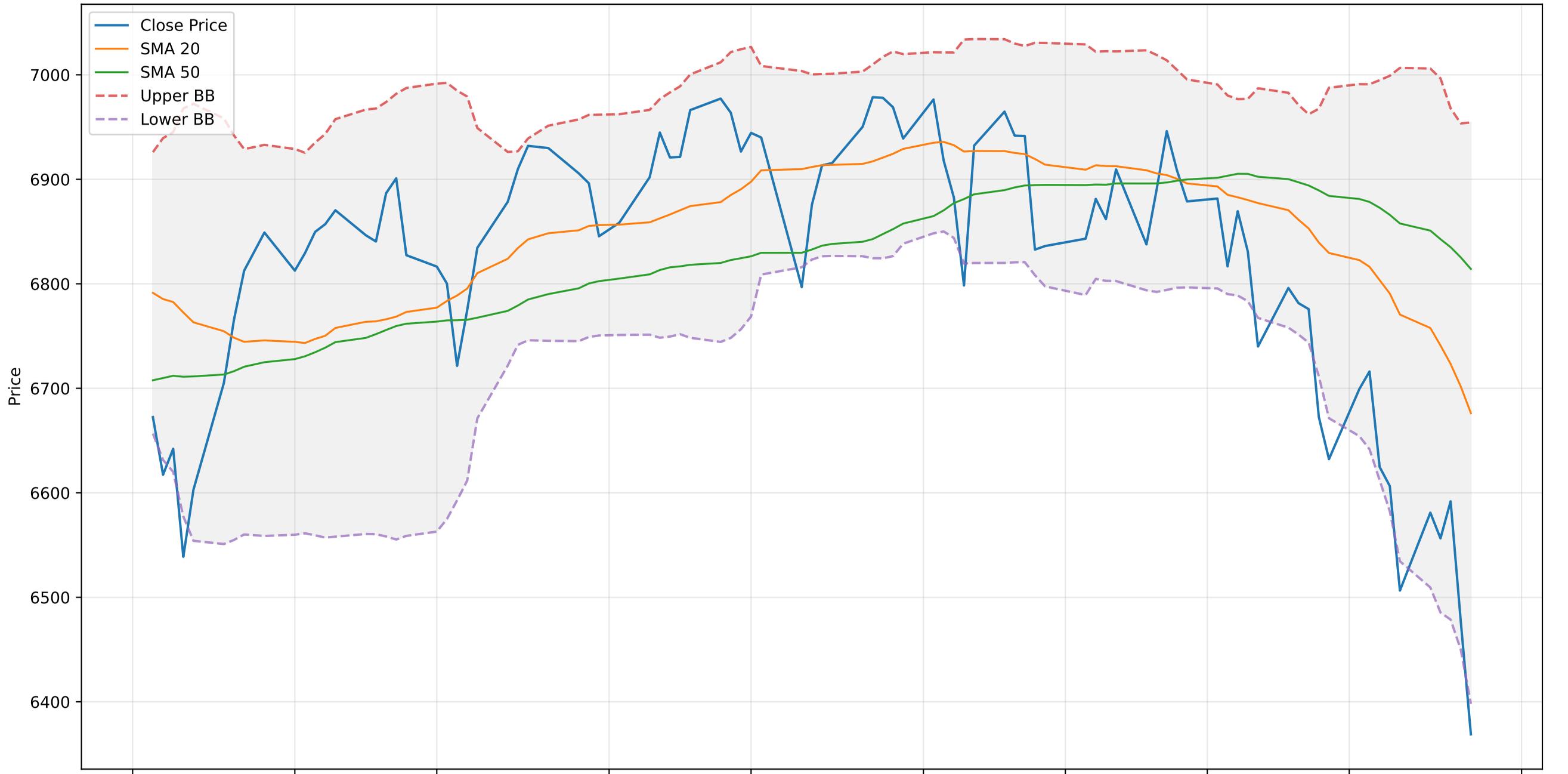^GSPC: Price & Bollinger Bands (last 90 days)
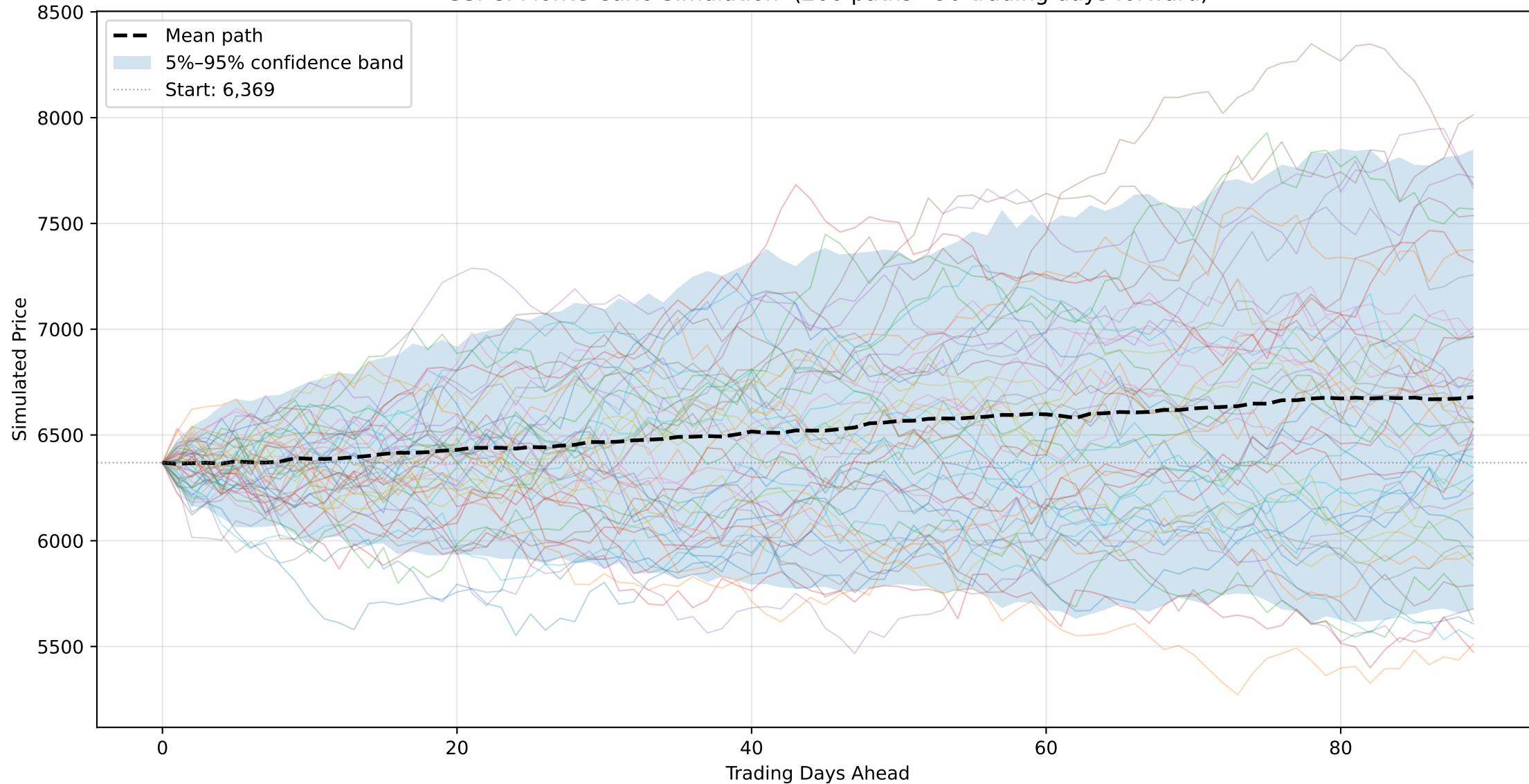
^GSPC: MACD (last 90 days)

^GSPC: RSI (14) (last 90 days)

^GSPC: Price & Volume (last 90 days)

^GSPC: Monte Carlo Simulation (200 paths · 90 trading days forward)

^GSPC: Candlestick Analysis (90 Days · Daily candles) | Peak→Trough: -9.2%

Technical Signal Summary: ^GSPC (last 90 days)

Indicator	Signal / Value
Current Price	6,368.85
SMA 20	6,676.25
SMA 50 Trend	Bearish ▼
SMA 200 Trend	Bearish ▼
Death Cross Status	☠ Death Cross active (gap 2.02%)
RSI 14	Oversold (28.7)
RSI 21 (smooth)	Oversold (32.5)
MACD Signal	Bearish Cross (-101.6)
Bollinger Position	Below Lower Band ↓
Bollinger Width (Vol)	8.33% (Elevated)
Drawdown from 1Y Peak	-9.05%

^GSPC: ATR — Volatility Analysis (last 90 days)
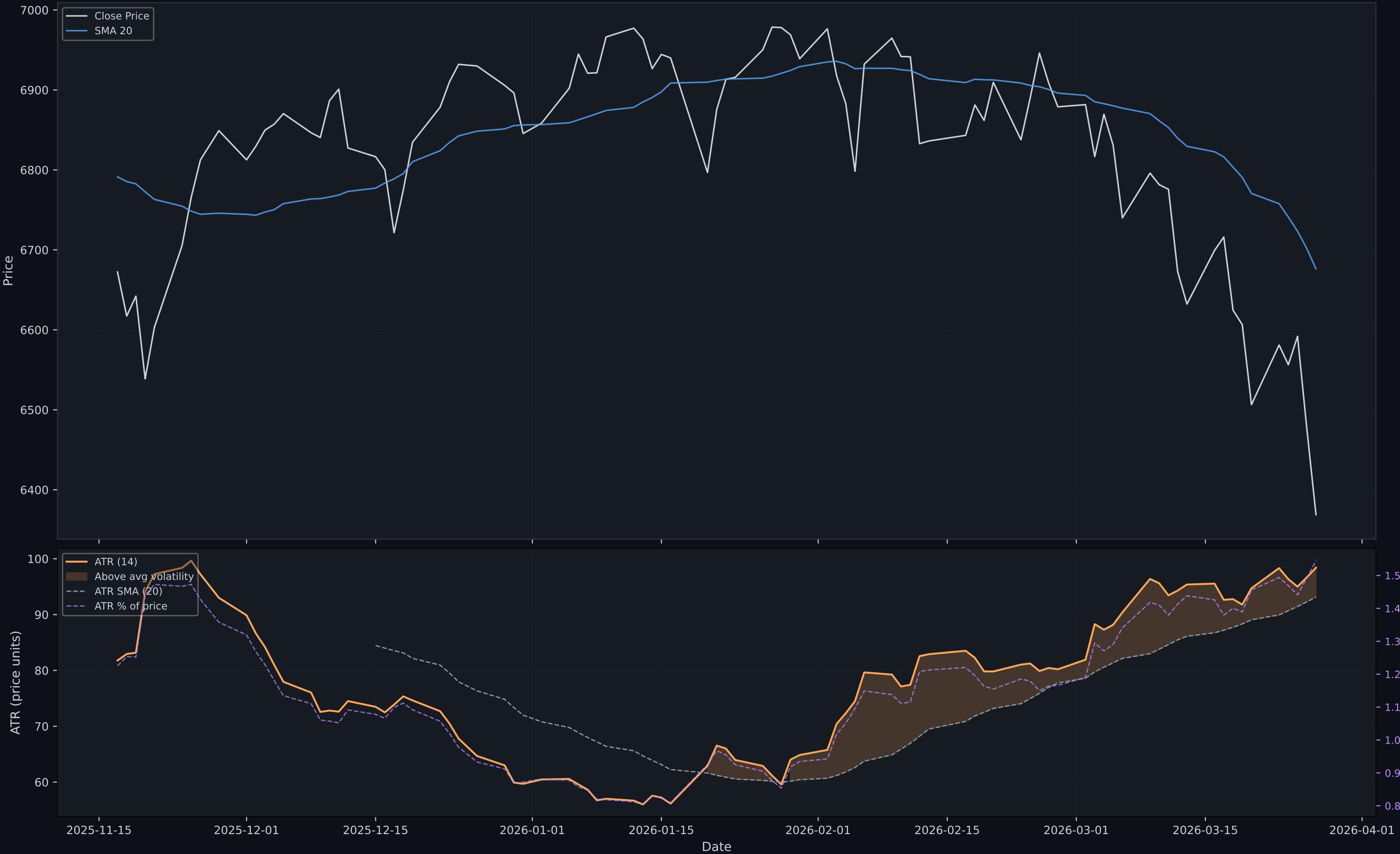
^GSPC: OBV — Volume Accumulation / Distribution (last 90 days)
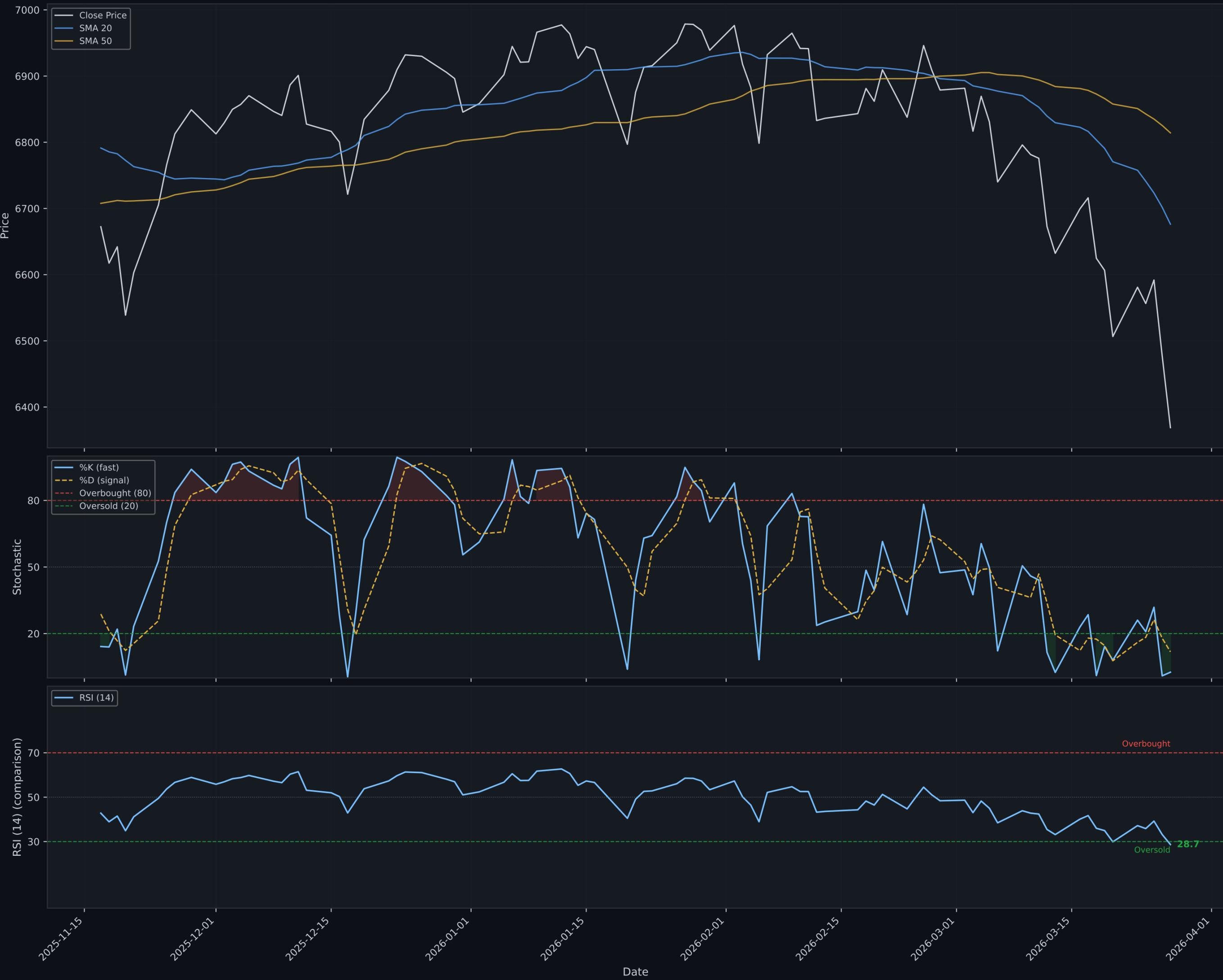
^GSPC: Stochastic Oscillator vs RSI (last 90 days)

^GSPC: ADX — Trend Strength Analysis (last 90 days)
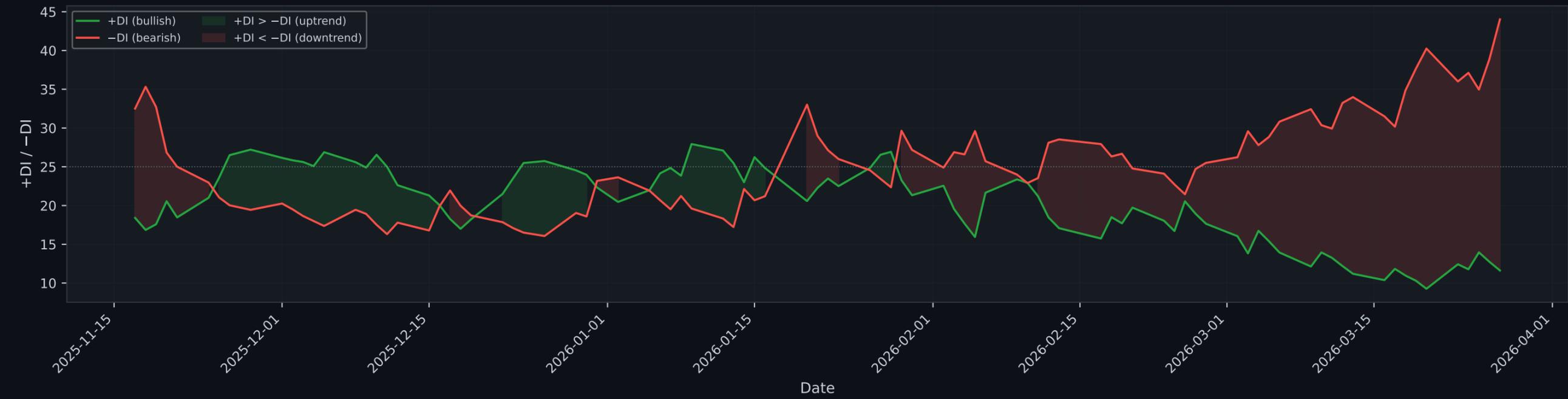
1. Trend Analysis (SMA · Death Cross)   **Bearish**

Price (6,368.85) is 6.5% BELOW SMA 50 (6,814.16). The medium-term trend is bearish — SMA 50 is overhead

resistance.

Price is 4.0% below SMA 200 (6,634.83) — long-term bear market structure. Price is below the institutional

benchmark.

☠ Death Cross active: SMA 20 is 2.02% below SMA 50. Short-term momentum has turned negative vs the medium-term

trend. The gap is widening — the bearish signal is strengthening.

2. Volatility (Bollinger Bands · ATR)

Normal

Bollinger Band width is 8.33% of price — significantly elevated. High-volatility environment: large daily swings are normal right now. Breakout moves are likely to be sharp and fast.

Price is BELOW the lower Bollinger Band — statistically unusual (bottom ~2.5%). While this can persist in strong downtrends, it often marks short-term exhaustion and a potential bounce zone.

ATR(14) = 98.40 (1.55% of price) — average daily range. This is 26% above the 90-day window average, indicating rising volatility. Useful for stop-loss: place stops ~1.5–2× ATR from entry.

3. Momentum (RSI · Stochastic · MACD)   **Bullish**

RSI 14 = 28.7 — oversold (below 30). Selling pressure has been intense. RSI has been falling for 3+ days —

oversold is deepening. Downtrends can sustain low RSI; wait for %K/%D crossover confirmation.

Stochastic %K = 2.6 — price near the BOTTOM of its 14-day range. %K is bearish vs %D. Combined with RSI:

double oversold signal — high confidence buy alert.

MACD (-101.57) is below Signal (-77.14) — bearish crossover. Both are below zero (overall trend is negative).

Gap between MACD and Signal: 24.43 and widening — momentum accelerating.

4. Volume & Flow (OBV)

Distribution

OBV (139,683,980,000) is below its 20-day SMA (162,095,012,000). More volume has been on down days than up

days recently. This is consistent with distribution (smart money exiting).

Over the 90-day window, OBV has been falling (-7.3%). Volume trend confirms seller control.

5. Trend Strength (ADX · +DI / −DI)   **Weak / ranging**

ADX = strong (39.9 > 25) — well-established, tradeable trend. Trend is strengthening over the last 3 sessions.

Momentum indicators (RSI, MACD) are reliable here.

−DI (44.0) > +DI (11.6) — downward directional pressure dominant. Gap = 32.4 pts. Wide gap confirms a strong

downtrend.

6. Drawdown & Price Position

Correction

Price has pulled back 9.0% from the 1-year high (7,002.28). Moderate pullback — watch whether the 38.2%–50%

Fibonacci zone holds.

Within the 90-day window: peak 7,002 → trough 6,356 = 9.2% drawdown.

7. Overall Verdict

BEARISH

Signal confidence: High (65%)

The weight of evidence across all indicators is broadly negative. Trend, momentum, and/or

volume signals point to continued downside risk. Rallies towards resistance may represent

selling opportunities. Capital preservation should be the primary focus.

Section scores

▼ Trend   ● Volatility   ▲ Momentum   ▼ Volume   ● ADX   ● Drawdown