

Fractal Volatility Index for ALL : 0.446. Market Wide FVI:0.478
(0 - 0.33: Stable, 0.33 - 0.66: Moderate Volatility, 0.66 - 1: High Volatility)



Global Geopolitical Volatility



Red: High Risk FVI zone, Orange: Medium Risk FVI zone, Green: Low Risk FVI zone

Verv Stock Analysis Report: The Allstate Corporation ALL FVI 0.446

Analysis Period: 2021-06-17 to 2026-06-17

Global Geopolitical Fractal Volatility (Gold, Forex, TWI (Tariffs) and GHG Emissions)

FVI_GOLD: 0.593608 => Moderate gold volatility, likely reflecting investor caution

FVI_FX: 0.434301 => Low FX volatility; currency markets stable for now

FVI_TWI: 0.469352 => Moderate TWI volatility; minor export/import fluctuations

GHG CV: 0.223036 => Moderate emissions volatility; sector-level uncertainty exists

Primary Risk Driver: Gold volatility is a good proxy for global geopolitical risk. 0.593608.

The Fractal Volatility Index (FVI) is scaled between 0 and 1 reflecting the stock's overall volatility. A higher score indicates greater unpredictability and market instability.

Unlike traditional volatility indicators like VIX or Beta, FVI does not track short-term fluctuations—it detects hidden instability before it manifests in price swings.

FVI is a composite score that incorporates Lyapunov Exponent, Hurst Exponent, and Detrended Fluctuation Analysis (DFA).

Breakout Probability Score (BPS): 0.828

Breakout Probability Score (BPS) quantifies price momentum likelihood: BPS > 1.5 suggests high breakout potential, while BPS < 0.5 indicates consolidation.

(BPS > 1.5 High breakout potential - Strong momentum, watch for confirmation.)

(BPS 0.5 - 1.5 Moderate breakout likelihood - Possible move, monitor closely.)

(BPS < 0.5 Low breakout probability - Likely consolidation or range-bound.)

Request ID: FVI

Account ID: WeeklyReport

Fractal & Statistical Analysis

FVI Score: 0.446 (Fractal Volatility Index FVI)

DFA Result: 0.4661 (Detrended Fluctuation Analysis)

Lyapunov Exponent: 0.0158 (Measures chaos and predictability)

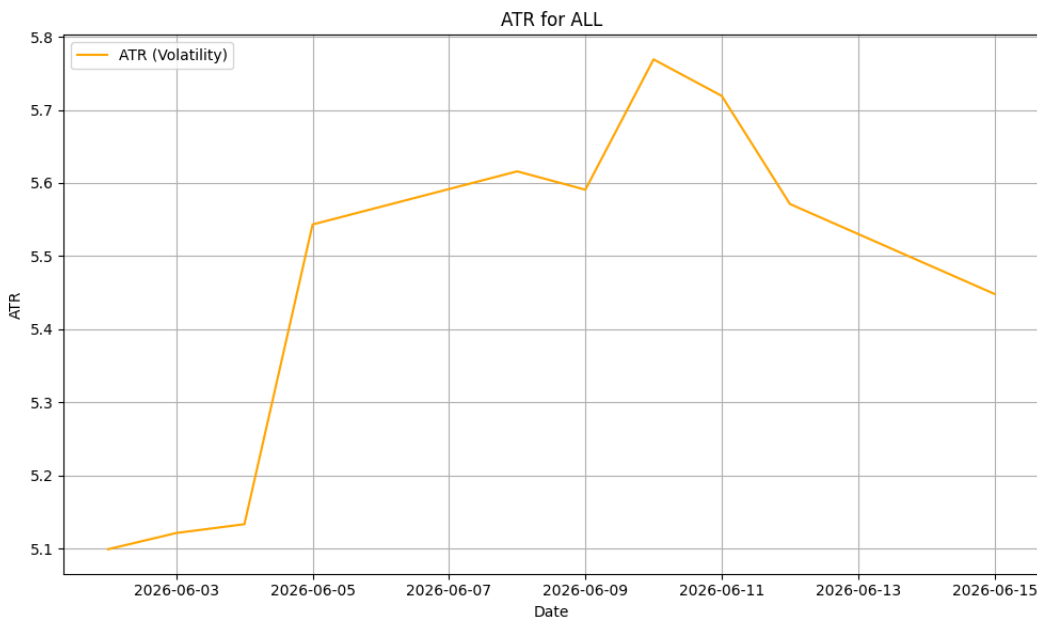
Hurst Exponent: 0.4443 (Indicates trending or mean-reverting behavior)

Breakout & Recent Price Change Analysis

Breakout Statement: No strong breakout signal detected: The latest closing price of 221.81 is within the Bollinger Bands range (203.65 - 227.47).

Latest ATR: 5.4483

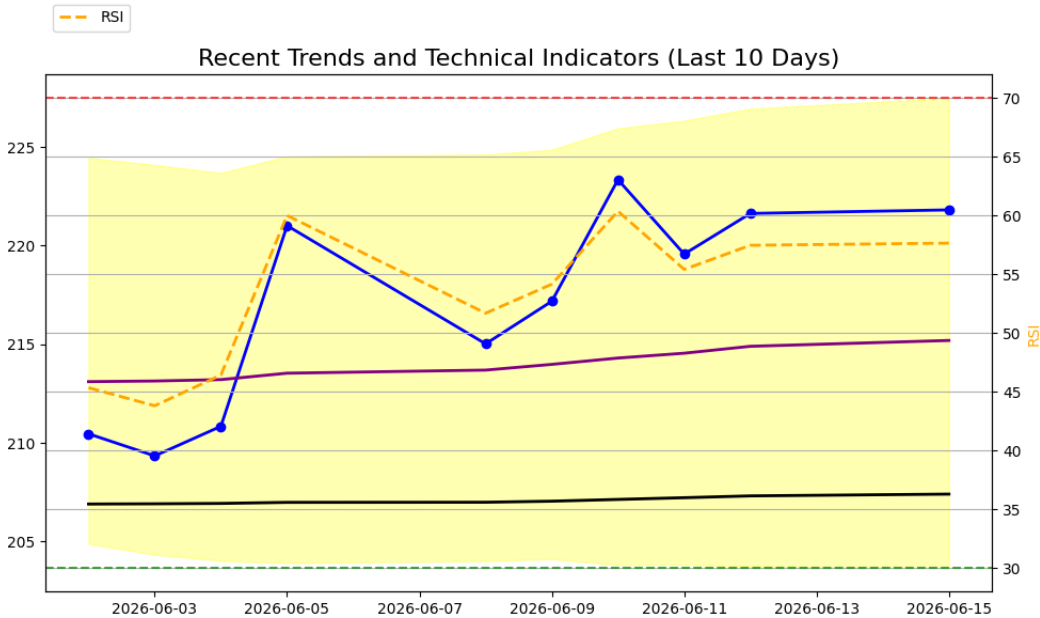
Average True Range (ATR)



The ATR measures the recent price volatility of a stock, calculating the average range between its high and low prices over a given period (usually 14 days). A higher ATR indicates greater market volatility, and a lower ATR indicates less volatility.

Low ATR (below 2): Stable stock, Moderate ATR (2-5): Mild volatility, High ATR (above 5): Highly volatile stock

Technical Indicators



Left y axis - Stock Price. Right y axis - RSI range values (30 - 70)

Close Price(blue line with circles) - Key indicator of the stock's price action and is often used to identify trends or patterns. A rising close price generally indicates an upward trend, while a falling close price shows a downward trend.

SMA_50 and SMA_200 - (purple line SMA_50, black line SMA_200) Simple Moving Averages (SMA) calculated over 50 and 200 periods. Helps identify the direction of stock price trend.

Bollinger Bands - (shaded in yellow): Bollinger Bands consists of upper, middle and lower prices. The middle line is the moving average. Price reaching the upper band can indicate an overbought condition, suggesting the stock might be due for a pullback. Price touching the lower band could indicate an oversold condition, suggesting a potential buying opportunity. When the price moves outside the bands, it may indicate extreme conditions.

Relative Strength Index RSI - (orange dotted line): The RSI is a momentum oscillator that measures the speed and change of price movements. An RSI above 70 suggests the stock is overbought and might be due for a pullback. An RSI below 30 suggests the stock is oversold and might be due for a rebound. An RSI in between indicates a more neutral market condition.

AI-Generated Market Insights

Investment Report:

--- INVESTMENT REPORT ---

1. Volatility & Breakout Potential

- The stock shows signs of stability with a low Lyapunov score of 0.016, indicating less chaos and instability. However, with a FVI of 0.446, it suggests more noise than acceleration.
- The stock's DFA score of 0.466 suggests a weak long-term correlation strength, which could signal potential volatility in the future.
- The Bollinger Bands are currently within range, suggesting no significant expansion or contraction.
- The negative volume change of -14.05% does not confirm recent price moves, indicating a lack of investor confidence.

2. Market Sentiment

- The high volume of 57098535000 suggests institutional-driven behavior, indicating a potential shift in market sentiment.
- The lack of a strong breakout signal alongside negative volume change could suggest a bearish investor mood.

3. Geopolitical Risk Assessment

- The high market-wide Gold FVI of 0.594 could indicate increased geopolitical tension and hedging demand.
- The stock's sector (Financial services) does not have a GHG score, suggesting it may not be significantly exposed to sectoral emissions risk.
- As a financial service, it could be exposed to global trade disruptions as indicated by the TWI FVI of 0.469.

4. Sector and Supply Chain Exposure

- The financial services sector is not directly exposed to energy price shocks, but could be affected by the broader impact on the economy.
- The sector is also not directly exposed to supply chain disruptions, but could be impacted by the indirect effects of trade tensions and global economic instability.

4. Strategy Recommendation

- The stock appears to be in a consolidation phase, with no strong breakout signals detected.
- Given the stock's low Lyapunov score and weak long-term correlation strength, a mean-reversion strategy may be most appropriate.
- The BPS of 0.828 suggests a potential breakout, but this is not confirmed by the negative volume change, indicating the possibility of a false breakout.

--- FINAL TAKEAWAY ---

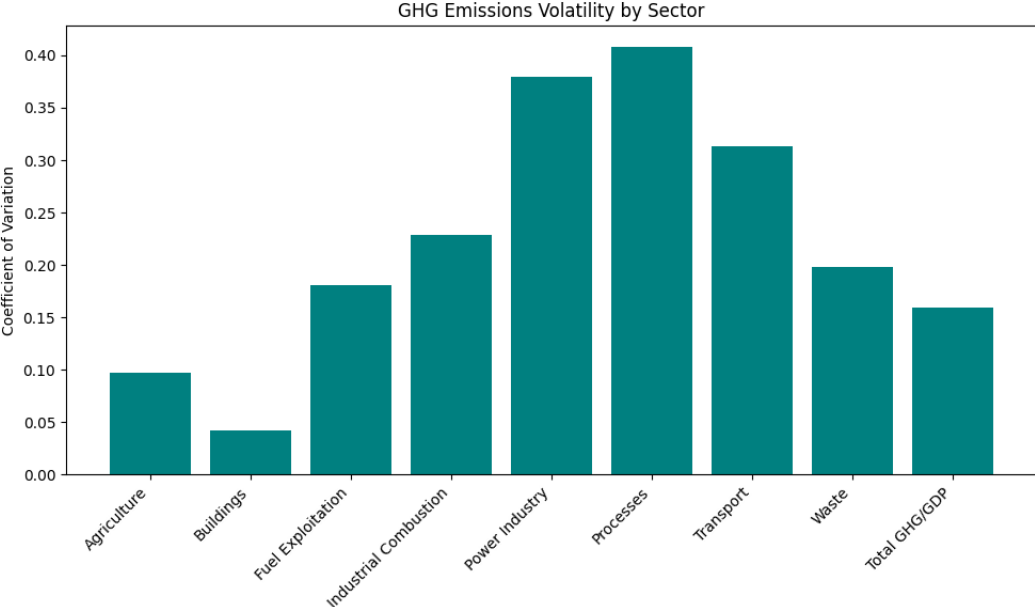
Despite the potential breakout indicated by the BPS, the lack of volume confirmation and weak long-term correlation strength suggest caution. The stock appears to be in a consolidation phase, with increased noise indicated by the FVI. In the context of increased market-wide volatility and geopolitical tension, a defensive position may be advisable.

Market Capitalization: 57098535000, Industry: INSURANCE - PROPERTY & CASUALTY, Latest Volume: 1310434, Description: The Allstate Corporation, Sector: FINANCIAL SERVICES, Price to Book: 1.927, Trailing PE: 4.904, Forward PE: 8.76, Enterprise to Revenue: 0.975, Profit Margins: 0.178

The trading volume has changed by -14.05% over the past week, indicating potential shifts in market sentiment. Please factor this into the volatility and risk analysis.

Beta measures stock volatility relative to the overall market: 0.19
Beta of 0.19 suggests low volatility compared to the market.

Volatility Indicators of GHG Emissions by Industry and GDP



No GHG score available for Financial services sector.

Disclaimer: The Fractal Volatility Index (FVI) measures structural market instability, not short-term price direction. High FVI (red dot) does not necessarily indicate a price breakout—rather, it signals unpredictable price behavior and potential structural shifts. While market instability can precede significant moves in either direction, Verv Stock Reports do not predict price trends but offer insight into underlying volatility patterns. Investors should interpret FVI alongside fundamental and technical analysis before making decisions.

Stock Market Price Credibility Report

Analysis based on current global macroeconomic and geopolitical information.

Market_Price_Credibility_Analysis:

```
{  
  "Final_Score": 0.299,  
  "Price_Volume_Divergence": 0,  
  "Volatility_Dissonance_Index": -0.619,  
  "Deception_Risk": 0.846,  
  "Trumpery_Alert": true,  
  "Summary": "The bridge is open—just ignore the termites and missing planks."  
}
```

Explanation:

The NRDl score is 0.8, indicating a significant disconnect between economic narratives and underlying fiscal, monetary, and geopolitical realities.

The rising U.S. debt and deficit levels, coupled with declining foreign demand for U.S. bonds, suggest a weakening confidence in the U.S. economy. Changes in U.S. Treasury bond yields and issuance also reflect this uncertainty.

Central bank interventions such as rate cuts and quantitative easing (QE) are typically signs of economic distress, yet they are being presented as proactive measures to stimulate the economy.

The use of tariffs and sanctions as economic tools is a contentious issue. While they may provide short-term benefits for certain sectors, they can also lead to long-term economic instability and strained international relations.

Inflation is generally low, despite the official interest rate policy which should theoretically stimulate borrowing and spending. This could indicate a disconnect between policy and economic behavior.

The BRICS+ influence and de-dollarization trends suggest a shift in global economic power. Moreover, gold volatility and geopolitical hedging indicate that investors are seeking safe havens, which is usually a sign of economic uncertainty or instability.

The Trumpery Alert is true, indicating that manipulative or performative policymaking is evident. The Satirical Summary, "If you believe this is market forces, we've got a bridge to sell you," reflects this sentiment.

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Deception Risk:

Between 0 and .2, markets appear fundamentally sound, no price distortion.

Between .2 and .4 there may be some irrationality or manipulation. Caution is advised.

Between .4 and .6 there are signals of disconnect between narratives and reality.

Between .6 and .8 distortions mean possible financial gaslighting.

Between .8 and 1 signals a confidence scam - you are being sold a bridge.

What Price Credibility Sell You a Bridge Index captures:

Price to Volume Divergence PVD.' When price rises while volume drops is suspicious behavior.

A Narrative Reality Dislocation Index NRDIndex is an AI score for disconnect between corporate statements and underlying fundamentals.

A Volatility Persistence Score VPI. When volatility indicators stay low despite geopolitical/economic chaos.

The Macro Score includes Tariff Impact Denial. High tariffs plus high exposure plus rising stock. This may be a trumpery illusion alert.

Treasury Detector TFD Liquidity Masking Metric. Fed/Treasury injections may be affecting retail activity or debt spreads.

The Media Sentiment Mismatch is included. This is where news tone is contrary to actual market data (e.g. bullish despite bond collapse).

Note: Trumpery derives from a French word meaning to deceive, in many dictionaries showy but worthless.

_____ **END OF REPORT** _____