

Fractal Volatility Index for ALL : 0.439. 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 0.439

Analysis Period: 2021-05-27 to 2026-05-27

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): 1.027

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: 0.439 (Fractal Volatility Index FVI)

DFA Result: 0.4734 (Detrended Fluctuation Analysis)

Lyapunov Exponent: 0.0156 (Measures chaos and predictability)

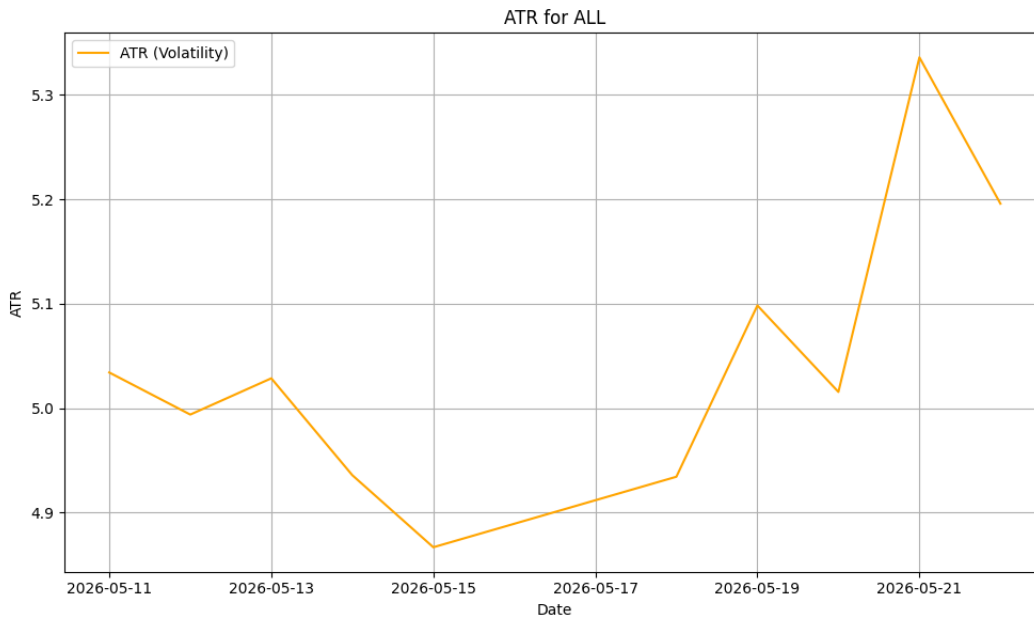
Hurst Exponent: 0.4547 (Indicates trending or mean-reverting behavior)

Breakout & Recent Price Change Analysis

Breakout Statement: No strong breakout signal detected: The latest closing price of 216.60 is within the Bollinger Bands range (210.72 - 223.02).

Latest ATR: 5.1958

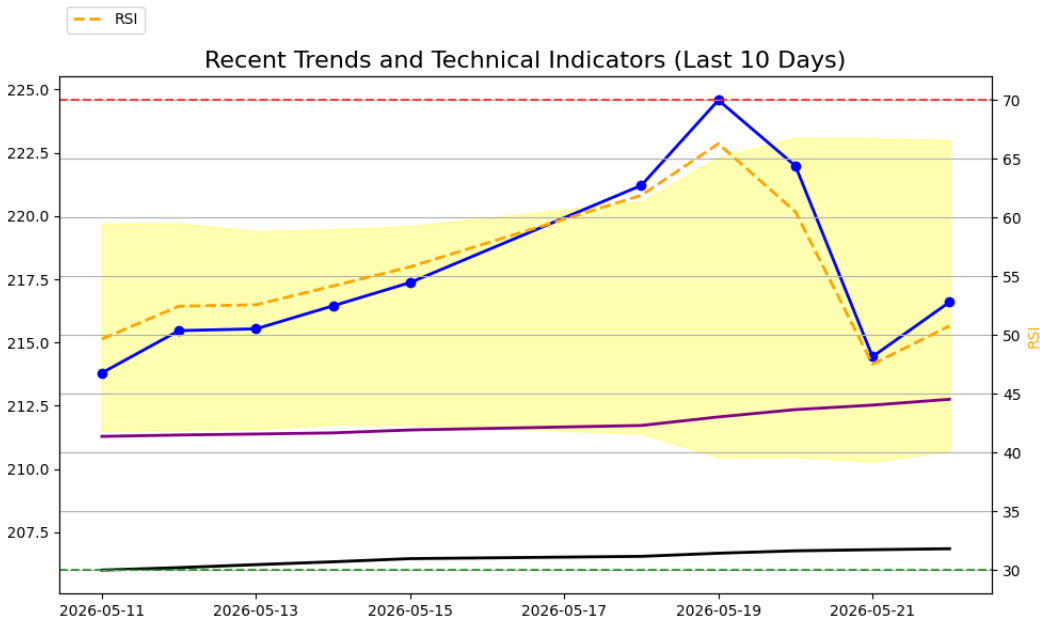
Average True Range (ATR)



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

- Based on the Lyapunov value of 0.016, the stock ALL is in a relatively stable regime compared to the market-wide instability.
- The FVI of 0.439 suggests the stock is more prone to noise than acceleration.
- The Bollinger Bands are currently not showing a significant expansion or contraction, indicating a lack of strong price movement.
- The decreased volume change of -15.89% does not confirm the price moves, suggesting a possible lack of investor interest or confidence.

2. Market Sentiment

- The stock's behavior suggests institutional-driven activity, which typically implies a more calculated and less impulsive approach to trading.
- The lack of a strong breakout signal and decreased volume may indicate a bearish sentiment among investors.

3. Geopolitical Risk Assessment

- The stock's sector (Financial Services) does not have a GHG score, but it is worth considering the potential impacts of global stress indicators such as Gold, FX, and TWI FVI.
- The stock's exposure to tariffs and supply-chain dependencies needs to be evaluated as part of the geopolitical risk.

4. Sector and Supply Chain Exposure

- The Financial Services sector is not directly exposed to energy price shocks or trade disruptions; however, it may be indirectly affected by the economic impacts of these factors.
- The stock's exposure to global inputs and export-driven risks needs to be assessed based on available context and inferred dependencies.

4. Strategy Recommendation

- Given the lack of strong breakout signals and decreased volume, the stock seems to be in a consolidation phase.
- A mean-reversion strategy may be optimal in this case, given the Hurst value of 0.455, indicating a tendency towards mean-reversion rather than trend-following.
- The BPS and FVI pattern does not suggest an imminent breakout.

--- FINAL TAKEAWAY ---

"ALL stock shows signs of consolidation with decreased volume and a lack of strong breakout signals, indicating possible investor caution. Given the current market-wide volatility and geopolitical pressures,

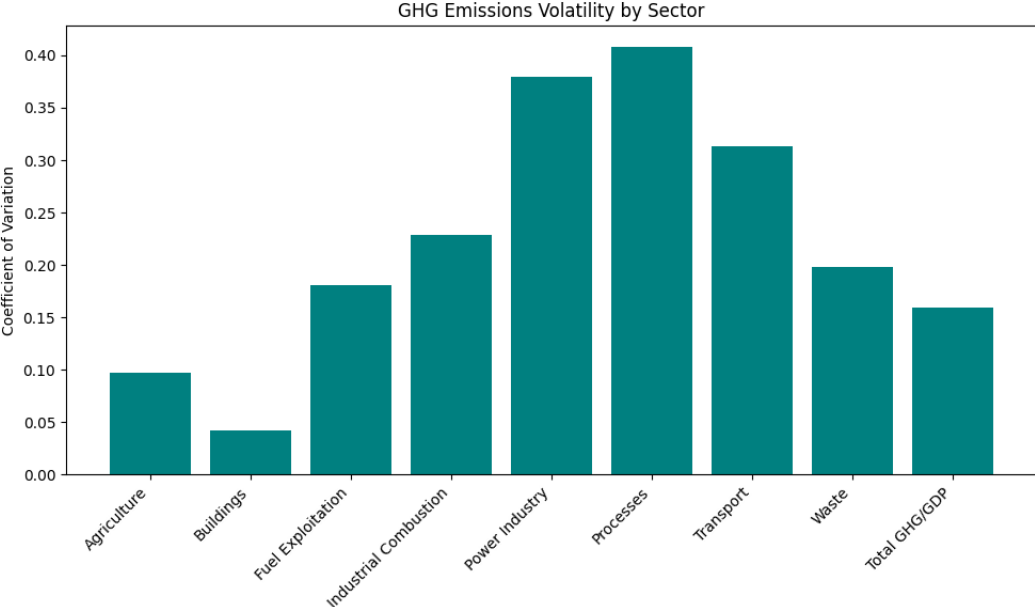
a defensive position is recommended."

Market Capitalization: 55757373000, Industry: INSURANCE - PROPERTY & CASUALTY, Latest Volume: 1247672, Description: The Allstate Corporation, Sector: FINANCIAL SERVICES, Price to Book: 1.883, Trailing PE: 4.792, Forward PE: 8.56, Enterprise to Revenue: 0.956, Profit Margins: 0.178

The trading volume has changed by -15.89% 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: 0.21
Beta of 0.21 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": 0.286,  
  "Price_Volume_Divergence": 0,  
  "Volatility_Dissonance_Index": -0.591,  
  "Deception_Risk": 0.808,  
  "Trumpery_Alert": true,  
  "Summary": "New export: Confidence! Made fresh daily from hot air."  
}
```

Based on the current global and U.S. financial landscape, here is the assessment:

The rising U.S. debt and deficit levels, coupled with declining foreign demand for U.S. bonds, indicate a potential disconnect between the economic narrative and the underlying fiscal reality. The changes in U.S. Treasury bond yields and issuance further highlight this disconnect.

Central bank interventions such as rate cuts and quantitative easing (QE) are often seen as tools to stimulate the economy, but these actions can also signal underlying economic weakness. The use of tariffs and sanctions as economic tools can create uncertainty and volatility in the markets, further exacerbating the disconnect between the economic narrative and reality.

Inflation vs. official interest rate policy is another area where there may be a disconnect. If inflation is rising but interest rates are not, this could indicate that the central bank is prioritizing economic growth over inflation control.

The influence of BRICS+ and de-dollarization trends can also contribute to a disconnect between the economic narrative and reality. If these trends continue, it could potentially undermine the U.S. dollar's status as the world's reserve currency.

Gold volatility and geopolitical hedging are additional indicators of potential disconnects. If gold prices are volatile, it could signal uncertainty and risk aversion in the market. Geopolitical hedging can also create uncertainty and volatility, further exacerbating the disconnect between the economic narrative and reality.

Based on these indicators, the assessment is as follows:

```
{  
  "NRDI": 0.75,  
  "Trumpery_Alert": true,  
  "Satirical_Summary": "If you believe this is market forces, we've got a bridge to sell you."  
}
```

.

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** _____