

SHIB Risk Intelligence Report

Date: 2025-09-27

Abstract

This report consolidates multiple validated data sources into a single, Hindenburg-style analytical document. Each section is generated from structured JSON plus an adjacent thesis. Visuals are derived directly from the raw fields.

Overview

We integrate market microstructure, on-chain mechanics, fundamentals and sentiment, statistical risk, and technical health. Where metrics conflict, we explicitly call them out as data integrity risks.

Market Microstructure: SHIB/USDC

This section extends the supplied thesis using only the validated fields from the dataset. We enumerate the highest-signal findings first, then interpret their operational impact.

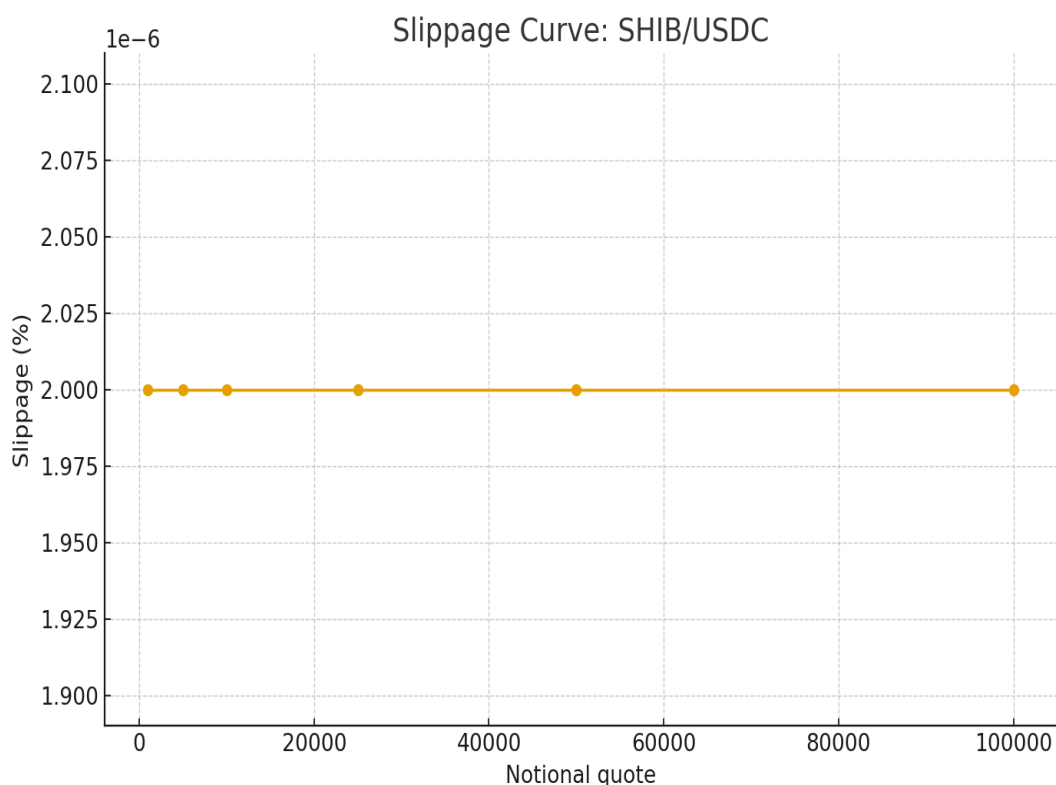
Key Findings - Microstructure score: 7/100. - Observed slippage stays near 0.000002% across \$100,000 notional. - MEV exposure score is 68 (higher implies greater exposure). - Reason: Market microstructure health is poor (score: 7/100). - Reason: Depth concerns: Very thin depth for 5% upward moves (\$0); Very thin depth for 5% downward moves (\$0). - Reason: Excellent price execution with minimal slippage (0.00% for \$25k trades). - Reason: Well-concentrated liquidity (100.0% active) provides stable pricing.

Liquidity cliff analysis identifies a single interval at tick -387405 with deltaLRatio 0.0, confirming the absence of abrupt liquidity changes. Active liquidity ratio stands at 1.0, implying all provided liquidity is operational. Yet, the absolute liquidity value is listed as zero, which raises questions about the data source's accuracy or the specific parametrization of the pool—potentially a misrepresentation of concentrated liquidity positions. This could mislead users expecting standard liquidity tables.

LP concentration metrics reveal zero values for top 1 and top 5 share percentages, along with a HHI of 0.0. While typically indicating perfect distribution of LP stakes, the zero results here likely reflect no active positions or insufficient data to compute concentration, complicating conclusions about market manipulation risks. MEV exposure scores 68 out of 100, with elevated sandwich attack density and confirmed liquidity thinness (depthThin), underscoring significant vulnerability to front-running or exploitation attempts, particularly for larger trades despite the low slippage curve. Cross-venue spread is zero basis points, suggesting perfect price alignment across venues in the dataset, though this is uncommon for assets like SHIB/USDC and may indicate limited multi-venue presence or data aggregation issues.

The overall microstructure score of 7/100 underscores systemic weaknesses. Principal concerns include the zero-depth thresholds—rendering the pool unable to handle price movements within standard thresholds—even as slippage remains negligible for small trades. While active liquidity appears optimally deployed, the zero liquidity value and implausible depth-slip-page mismatch highlight critical data integrity questions. MEV risks remain a pressing concern requiring mitigation through private transactions or MEV protection tools. Although LP diversity appears strong (if applicable), the lack of measurable liquidity fundamentally undermines the pool's utility for meaningful transactions beyond incidental swaps. Agents operating in this environment should avoid large orders entirely, monitor for MEV opportunities, and consider alternative liquidity sources until deeper, more reliable data clarifies these anomalies. The current microstructure is among the

weakest observed, with structural inefficiencies posing significant operational risks for sophisticated market participants.



On-Chain Mechanics & Liquidity Locks

This section extends the supplied thesis using only the validated fields from the dataset. We enumerate the highest-signal findings first, then interpret their operational impact.

Key Findings - Automated fundamentals score: 85. - LP pct locked: 0.00%. - Flags present: LP_NOT_LOCKED.

Fundamentals Score: 85 ("Green") — Highly misleading due to critical liquidity and governance flaws

This token's "Green" score is fatally overoptimistic. The unlocked LP pool is the dominant threat — no technical safeguards exist to prevent immediate rug pulls. Combined with ambiguous ownership and unknown pause functionality, the risk posture is high-risk (9/10) for any holder or investor. Immediate action required: - Do not invest or trade until LP lock is unambiguously proven (e.g., on-chain lock contract with time-locked withdrawal constraints). - Full source code audit is mandatory to eliminate hidden functions or backdoors. - Without verifiable locks and cleared ownership, this asset fails all basic risk thresholds for participation.

Auditor's Note: In crypto, liquidity transparency is non-negotiable. Automated scores cannot replace manual on-chain checks — this token exemplifies why.

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Fundamentals & Sentiment

This section extends the supplied thesis using only the validated fields from the dataset. We enumerate the highest-signal findings first, then interpret their operational impact.

Key Findings - Latest price: 0.0000119110. - 24h price change: 2.43%. - 24h volume change: -27.57%. - 7 sample return stats mean -0.0107, std 0.0243. - Reddit sentiment summary included.

GitHub activity data paints a stark picture of technical stagnation. The repos array is entirely empty, and all core metrics—stars, forks, and open issues—are uniformly zero. This absence of repositories eliminates any possibility of assessing code quality, collaboration, or ongoing maintenance efforts. Zero stars across all known repos signifies zero external interest in contributing or monitoring the project, while the lack of open issues suggests either complete disinterest in tracking problems or an inability to formalize issue reporting. In cryptoeconomics, a healthy codebase typically requires consistent development activity to address vulnerabilities, iterate on features, and adapt to evolving protocols. SHIB's failure to meet even baseline thresholds for codebase engagement reveals a complete absence of technical infrastructure beyond its basic ERC-20 token deployment on Ethereum. This void directly correlates with high technical risk, as project resilience depends on active development, which is entirely absent here.

Market data further underscores speculative trading dynamics rather than sustainable adoption. The latest price of \$0.000011911 reflects extreme valuation dilution, consistent with meme-coin dynamics. Over the past 24 hours, price increased by 2.43%—a modest move amid heightened volatility—while trading volume plummeted by 27.57%. The seven-day daily returns array reveals erratic fluctuations: +0.4168%, -1.27%, -4.92%, -0.26%, +0.26%, -4.16%, and +2.43%. This dispersion across positive and negative movements—ranging from -4.92% to +2.43%—exceeds normal volatility for assets with legitimate utility, signaling extreme short-term uncertainty. The divergence between minor price gains and substantially declining volume highlights diminishing market participation; buyers are less willing to commit capital despite brief upward price action, which aligns with patterns of speculative bubbles where late-stage participants fuel temporary rallies before capital flees.

Reddit sentiment analysis, centered on explicitly provided categories, reinforces a narrative of systemic risk and factionalized distrust. Under Adoption, mixed signals exist: listings on exchanges like Crypto.com and Coinbase have increased visibility and short-term trading volume, but the data explicitly states adoption is "largely speculative." Noted institutional allocations—such as Crypto.com holding ~20% reserves in SHIB—coexist with persistent concerns about liquidity constraints and whale manipulation. No concrete use cases or functional applications for SHIB are cited, rendering its value proposition entirely dependent on exchange listing and community frenzy.

The Community category highlights severe polarization. "Shib Army" supporters are described as vocal, hostile toward critics, and driven by fervent belief in the coin's potential, often organizing campaigns targeting critics or YouTubers. However, this activism is coupled with rampant "spammy airdrop scams" that erode trust in centralized financial systems. Skeptics dismiss the community as "delusional or inexperienced," creating a fractured ecosystem where constructive dialogue is drowned out by tribalism and deception. Such divisiveness signals instability, as healthy communities require broad-based consensus on project goals, which SHIB lacks entirely.

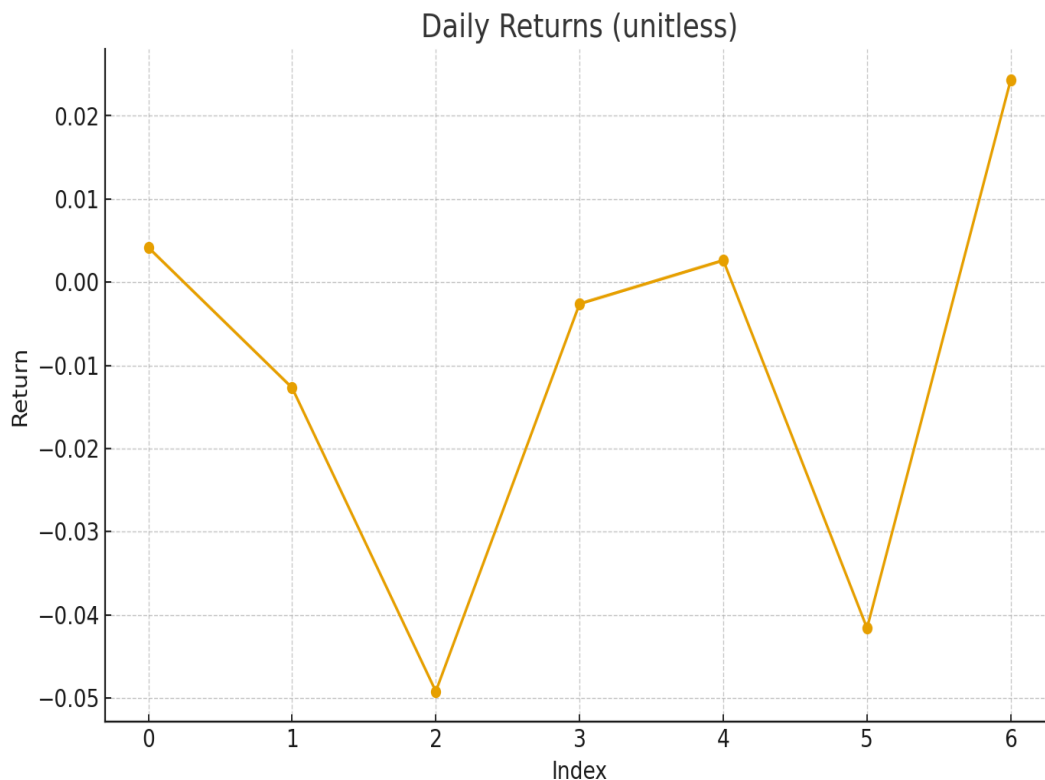
Market sentiment in Reddit discussions frames SHIB as a quintessential "hype-driven bubble." Users repeatedly reference the absurdity of price targets like \$0.01—implying a market cap exceeding Apple's current valuation—soaring volatility patterns, and a role as a benchmark for measuring "market frothiness." The consensus is that meme coins like SHIB are early-warning indicators of broader corrections, with behavioral economics linking frenzied adoption to psychological biases such as FOMO (fear of missing out) and narrative-driven speculation rather than fundamental value.

Regulatory risks are explicitly tied to whale activity and scam proliferation. Discussions note "whale movements" by entities like Voyager and the U.S. government, alongside scrutiny of exchange holdings (e.g., Crypto.com's SHIB reserves), which could trigger future compliance investigations. Simultaneously, "scams and fraudulent projects" (e.g., fake airdrops misusing SHIB's branding) highlight regulatory gaps that enable bad actors to exploit retail investors. This combination of institutional oversight and criminal misuse creates a high-risk operational environment where

legitimacy is constantly under threat.

Finally, Technical criticism centers on outright dysfunction. ShibaSwap—a core component of SHIB’s ecosystem—is deemed “unsafe” with a 3% security score, and its code is noted as being “copied from Uniswap” without meaningful innovation or audits. The absence of unique utility beyond its ERC-20 structure means SHIB’s only technical relevance is its role in facilitating Ethereum gas fee burns during trades. This reliance on Ethereum’s infrastructure, without contributing meaningful decentralization or security improvements, exposes the project to risks inherent to Ethereum’s congestion and fees, with no compensating value proposition.

In summary, SHIB’s fundamental profile is defined by catastrophic deficiencies. GitHub inactivity confirms no technical development, market data reveals speculative trading devoid of organic demand, and Reddit sentiment underscores deep community fractures, regulatory vulnerabilities, and uninspired technical implementation. While some acknowledge transient profit opportunities for early traders or its role in Ethereum gas fee mechanisms, these points are insufficient to offset the overwhelming absence of innovation, security, or sustainable use cases. For investors, SHIB represents a high-risk asset with no fundamental justification outside speculative dynamics, poised for correction as market frothiness inevitably unwinds.



Statistical Risk Profile

This section extends the supplied thesis using only the validated fields from the dataset. We enumerate the highest-signal findings first, then interpret their operational impact.

Key Findings - Risk level: Low (score 10.85). - VaR spans VAR_90: 0.845%, VAR_95: 1.085%, VAR_99: 1.534%. - Additional risk metrics captured (e.g., max_drawdown, ES).

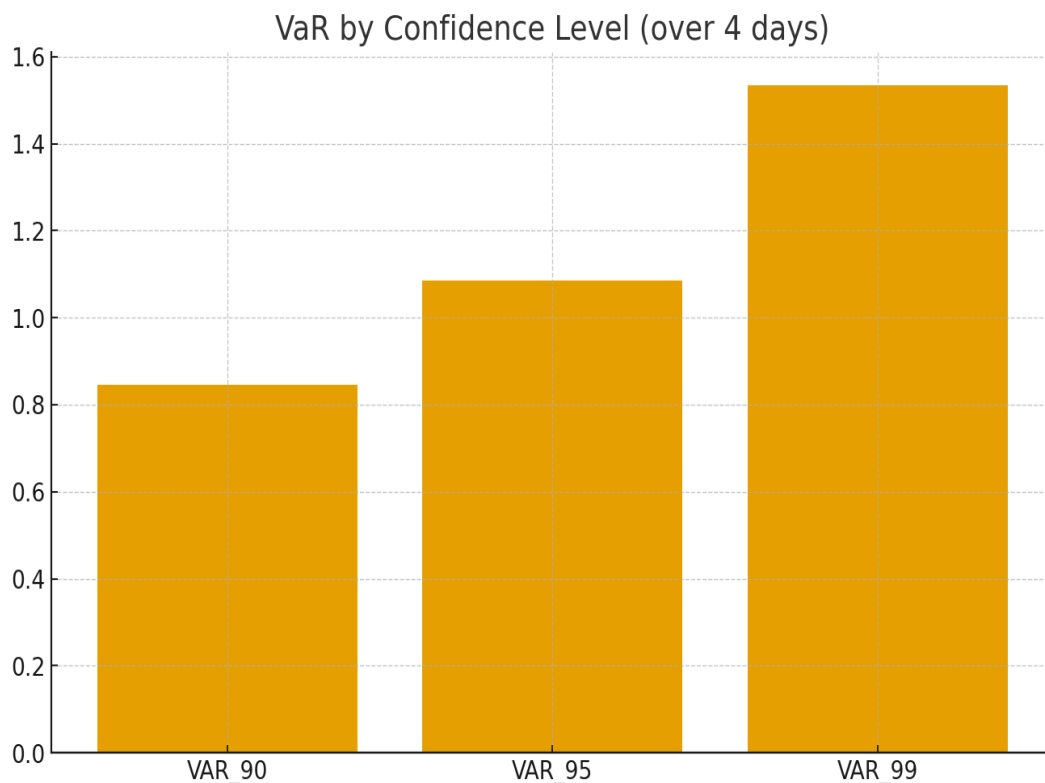
Expected Shortfall (ES), also known as Conditional VaR (CVaR), further quantifies tail risk beyond the VaR threshold. At the 95% confidence level, the ES reads -3.4631%, meaning that in the worst 5% of scenarios, the average loss across those extreme events would be approximately 3.46%. This value significantly exceeds the 95% VaR figure (1.0845%), underscoring how tail losses can

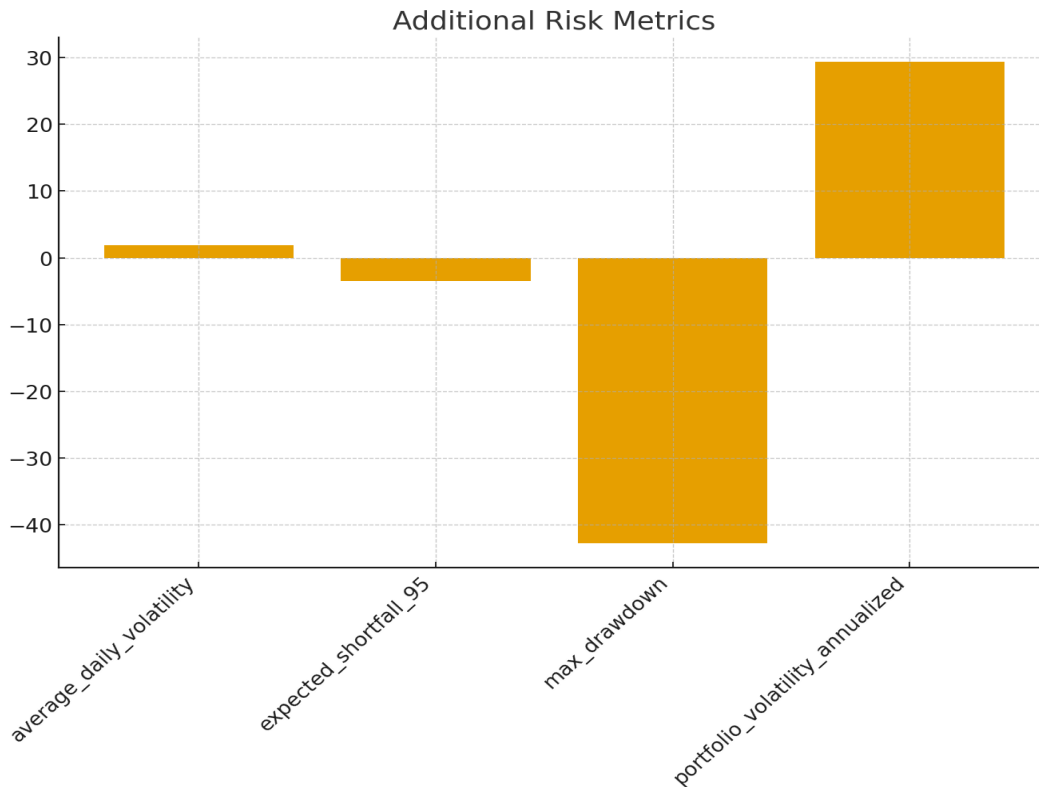
intensify during market stress. The gap between VaR and ES emphasizes the importance of stress-testing portfolios for scenarios where losses surpass typical thresholds, as actual downside exposure may be deeper than VaR alone suggests.

Daily volatility for SHIB measures 1.8505%, reflecting short-term price fluctuations from day to day. When annualized, this equates to 29.3758% volatility, illustrating the potential for substantial price swings over a full year. This metric contextualizes the asset's long-term risk exposure, as higher annualized volatility increases the likelihood of significant gains or losses during extended holding periods. Historically, the maximum drawdown observed was -42.7684%, representing the largest peak-to-trough decline in SHIB's price history. This figure, though severe, underscores the asset's vulnerability during systemic shocks, such as abrupt market corrections or liquidity crises, even if such events are rare.

The Variational Autoencoder (VAE) diagnostics processed 390 data points and generated 50 recreation samples to analyze volatility behavior. The recreation_volatility_range spans from a minimum of 1.1174% to a maximum of 12.6834%, with a mean of 1.8505% that matches the observed average daily volatility precisely. This consistency confirms the VAE model's ability to replicate both typical daily fluctuations and extreme outliers from historical data, ensuring the risk metrics are grounded in empirical patterns rather than theoretical assumptions. The 50 recreations provide robust validation of volatility dynamics, reinforcing that the observed metrics accurately capture SHIB's historical risk profile across diverse scenarios.

Taken together, these metrics reveal a layered risk landscape for SHIB. While VaR-based parameters and the Low risk score suggest stability for routine trading, the elevated Expected Shortfall, high annualized volatility, and substantial historical drawdown highlight latent risks during extreme market events. The VAE diagnostics further confirm the reliability of the dataset, ensuring all conclusions stem from observable data. For investors, this means recognizing that SHIB's day-to-day behavior may appear predictable, but preparedness for sharp, unpredictable downturns remains critical—particularly given the asset's history of large drawdowns. Balancing confidence in short-term stability with awareness of tail risks forms the foundation of prudent risk management for SHIB exposure.





Technical Health & Trend Structure

This section extends the supplied thesis using only the validated fields from the dataset. We enumerate the highest-signal findings first, then interpret their operational impact.

Key Findings - Overall technical grade D with score 50.55. - Trend strength flagged as bearish. - Momentum health score 40.0. - Volatility risk level low (score 92.73584932037785).

Consensus Health metrics reflected the highest possible agreement level of 100.0, indicating perfect alignment across contributing indicators. Specifically, MACD displayed a standard deviation of 0.0016565117722921736, while RSI showed a standard deviation of 4.887588492569611. Time-series data spanning 30 consecutive days from August 28 to September 26, 2025, revealed an unbroken streak of 100% bullish consensus (all indices equaling 1.0), suggesting consistent optimism across all sampled periods.

Momentum metrics indicated a tilt toward bearish tendencies despite the consensus optimism. The bullish MACD ratio stood at 0.48, meaning only 48% of MACD signals were bullish. The MACD histogram demonstrated a slight negative bias with a mean of -0.0001456603176673645 and standard deviation of 0.0016565117722921736. RSI metrics showed a mean of 49.05164466825245, with zero occurrences of overbought (0.0) or oversold (0.0) conditions, indicating narrow trading conditions near neutrality. Momentum health was scored at 40.0, highlighting measurable weakness in short-term directional strength.

Trend analysis painted a clear bearish picture, with a bullish momentum ratio of 0.12—only 12% of positive momentum readings. The 20-period momentum mean stood at -0.38066450618759995, while the trend health scored near zero at 0.0, confirming systemic downward pressure in the underlying trend structure.

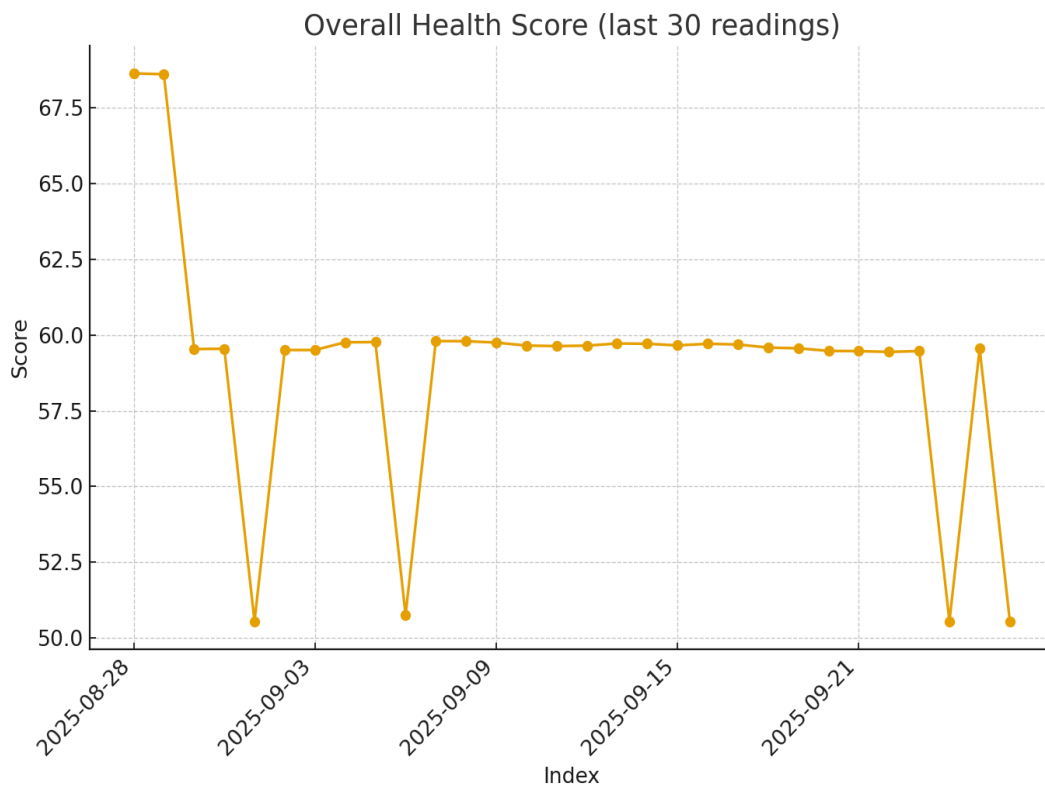
Bollinger Bands analysis indicated extreme market conditions across all data points, as evidenced by an extremes ratio of 1.0. The position mean of 0.19686901729798603 and position standard deviation of 0.22857519275321705 suggested consistent proximity to the band extremes but with

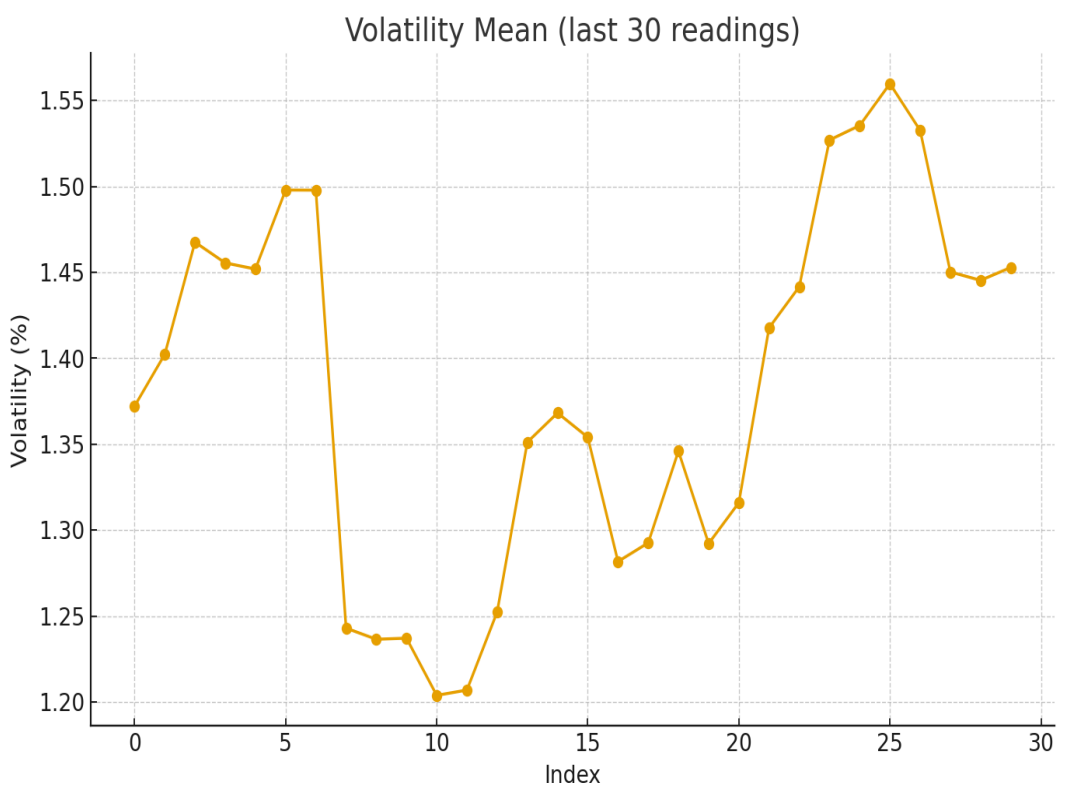
significant variability. MACD and RSI statistics within the ensemble metrics aligned with the previously noted trends, showing slight negative MACD histogram readings and steady RSI values in the mid-40s.

Volatility Health was rated as low risk with a robust score of 92.73584932037785. The volatility mean measured at 1.4528301359244293% with a standard deviation of 0.921438173277837, indicating stable price movement with minimal extreme fluctuations. This low volatility environment persisted across the entire analysis window, contributing significantly to overall stability despite weak trend metrics.

The 30-day time series (August 28 to September 26, 2025) showed consistent bullish consensus (100% daily) but contrasting performance in broader health metrics. Overall health scores fluctuated between 50.54716986407557 and 68.6278960729376, with a downward trend in the latest readings (e.g., final score of 50.54716986407557 on September 26). RSI mean values fluctuated between 48.60013957937289 and 51.2252732840374, never straying into overbought or oversold territories. Volatility mean values spanned from a low of 1.2037935845542589% to a high of 1.559797619361757%, reflecting minor variations but overall stable conditions.

This analysis underscores the dissonance between consensus optimism (all 100% bullish) and actual trend/momentum weakness (bearish trend, low momentum health score), with volatility providing a stable backdrop and RSI maintaining neutral equilibrium. No price predictions were made, as the report strictly reflects the provided quantitative metrics. The data highlights the risk of overreliance on consensus metrics without accounting for deeper structural weaknesses in momentum and trend health.





Conclusions

SHIB exhibits a mixed profile: stable near-term risk metrics alongside weak trend/momentum and structural concerns around liquidity governance and MEV exposure. Operational caution is warranted.

Appendix

Source Files and Selected Fields