

Volatility Breakout With Contraction Rank

Adapted research-proxy evidence across listed equities.

FAMILY	UNIVERSE	RESEARCH HORIZON
Adapted equity research rank	Broad listed-equity research panel	252d

Executive Summary

Volatility Breakout With Contraction Rank evaluates whether the volatility breakout with contraction lens contains cross-sectional ranking information. The preferred presentation horizon is 252d. The note presents historical spread and rank-correlation diagnostics only.

Preferred horizon	252d
Rank spread	-2.27%
Rank IC	-0.011
Long-leg return	14.61%
Average turnover	5.13%

Observations

- 1 The strongest available diagnostic rows show at the 252d horizon.
- 2 Horizon context is included so the result is not read from a single row alone.
- 3 The signal is best interpreted as a research-library component, not as a standalone product.

Data and Research Setup

The research setup keeps the comparison universe and forward-horizon conventions consistent across the rows shown in this note.

Universe

The comparison universe is held constant across the horizon rows shown in the note.

Inputs

Research-proxy scores, issuer identifiers, default returns, and forward return window.

Horizons

Multiple forward windows are compared using the same score and universe assumptions.

Exclusions

Instrument sets and corresponding score tables are intentionally excluded.

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Signal Methodology

Without disclosing the exact functional, the construction proceeds along three conceptual steps.

STEP 1

Research-lens measurement

The construction summarizes volatility breakout with contraction evidence into a relative score.

STEP 2

Cross-sectional ranking

Instruments are ordered by the research score and compared through forward ranking groups.

STEP 3

Horizon evaluation

The same ranking lens is reviewed across horizons to identify whether the evidence is isolated or coherent.

The description is intentionally conceptual. Formula details, exact construction rules and implementation parameters are not disclosed.

Results and Horizon Context

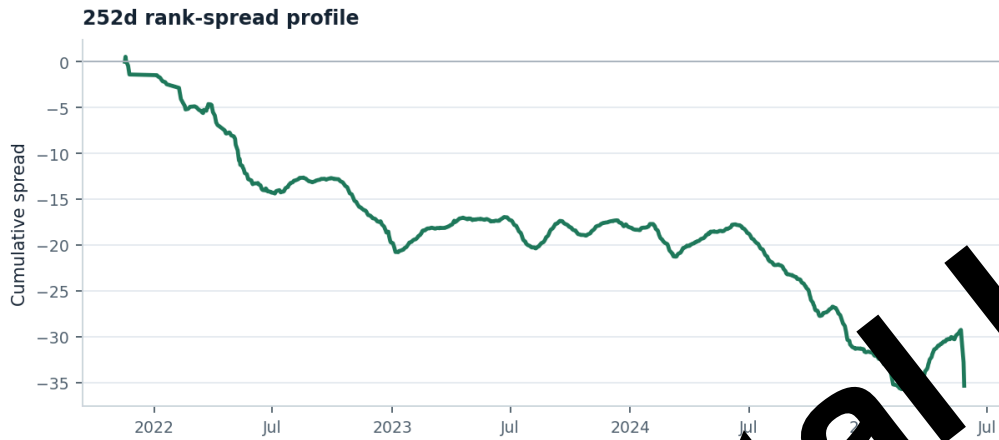


Figure 1. Cumulative 252d top-minus-bottom rank-spread contribution. Long-horizon forward observations could also be read as a ranking diagnostic, not as a standalone return path.

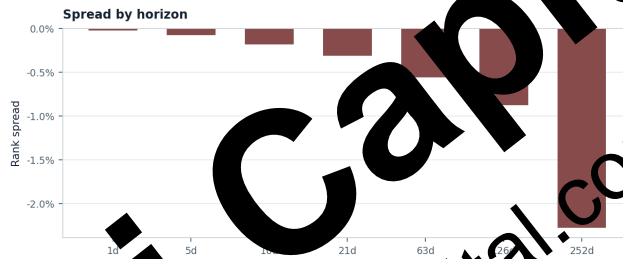


Figure 2. Top-minus-bottom spread across test horizons using the same comparison setup.

HORIZON	RANK SPREAD	RANK IC	LONG-LEG RETURN	TURNOVER
1d	0.02%	0.003	0.05%	5.13%
5d	-0.08%	0.000	0.25%	5.13%
10d	-0.18%	0.008	0.42%	5.13%
21d	-0.31%	-0.004	0.99%	5.13%
63d	-0.56%	-0.018	3.14%	5.13%
252d	-2.27%	-0.017	6.87%	5.13%
252d	-2.27%	-0.011	14.61%	5.13%

The table reports historical rank diagnostics under the stated universe and horizon assumptions. Positive spread means the higher-ranked group exceeded the lower-ranked group in the measured forward window.

Stability and Robustness

Stability is assessed through horizon coherence and any available date-level variation.

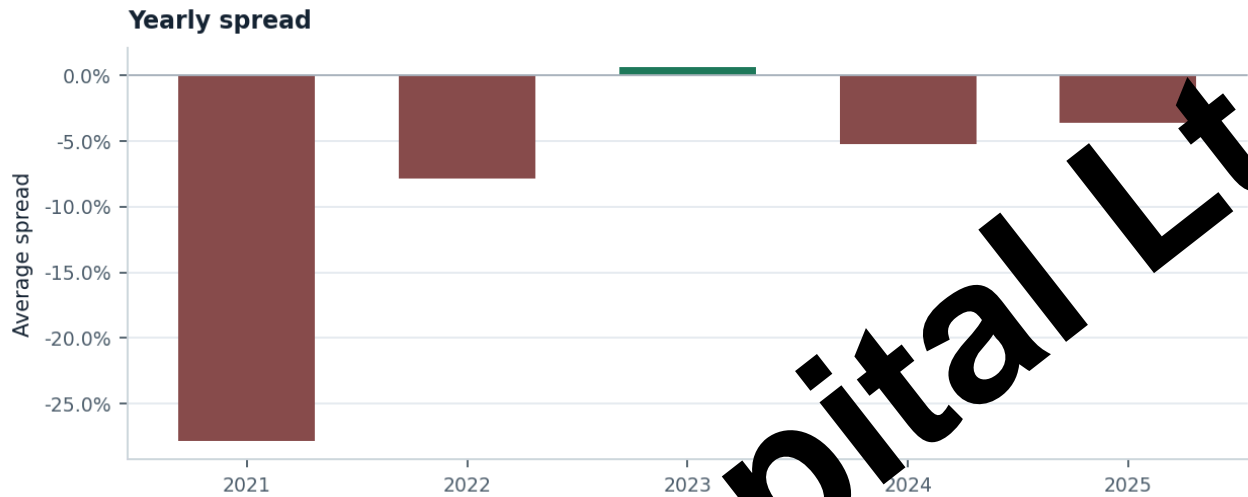


Figure 3. Stability evidence for Volatility Breakout With Contraction Rank

YEAR	AVERAGE SPREAD	AVERAGE C	PERIODS
2021	-21.79%	-0.818	5
2022	-7.87%	-0.021	233
2023	0.65%	0.021	260
2024	-5.21%	-0.016	261
2025	-3.59%	0.056	104

This evidence should be read together with the horizon profile. Coherence across adjacent horizons is more informative than a single best row.

Research Interpretation

The balanced interpretation is to treat the evidence as a research-library component and not as a standalone product claim.

Role in library

Research-library ranking component.

Captures

A research-proxy signal designed to compare issuers across a broad equity panel.

Where useful

Useful as a comparison lens inside broader systematic research, especially when combined with other independent views.

Known limitations

Research proxy can combine observed behavior into a compact relative-ranking lens. The results remain historical diagnostics and can be sensitive to universe, regime, and horizon choice.

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