CHARTSCOUT ORIGINAL RESEARCH

Bull flag win rate in crypto

A study of 6,250 unique Bull Flag pattern families across a combined sample of 59 Binance markets. Updated 18 July 2026.

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6,250	20.09%	25.13%	23.85%	35.68%
Pattern families	Moved at least 5%	5m+ moved 5%+	Full-pole target	15m+ moved 5%+

Direct answer

Across all measured timeframes, a favorable post-breakout move of at least 5% occurred in 20.09% of eligible upward families (1,208/6,013; 95% CI 19.10 to 21.12). The rate was 25.13% at 5m and above (716/2,849) and 35.68% at 15m and above (289/810). These endpoints describe price behavior, not net trading returns.

Pooled outcomes, all measured timeframes

Endpoint	Numerator / denominator	Estimate	95% Wilson interval
Structural hold	4,585 / 6,013	76.25%	75.16 to 77.31
Favorable move 5%+	1,208 / 6,013	20.09%	19.10 to 21.12
Full-pole target	1,430 / 5,997	23.85%	22.78 to 24.94

Results by represented timeframe

Timeframe	Pattern families	Structural hold	Moved 5%+	Full-pole target
1m	896	83.22%	10.69%	22.26%
3m	2,294	76.42%	17.39%	24.61%
5m	2,041	76.56%	20.94%	23.46%
15m	283	69.96%	29.68%	23.57%
30m	125	61.60%	30.40%	32.52%
1h	384	68.53%	39.04%	21.12%
2h	144	62.11%	36.84%	22.11%
4h+ (sparse; 56 eligible)	83	73.21%	60.71%	28.57%

Comparison with Bulkowski's stock baseline

Metric	Bulkowski (stocks)	All crypto timeframes	Crypto 15m+
Average favorable move	9%	3.80%	9.52%
Failure below 5%	44%	79.91%	64.32%
Success at or above 5%	56%	20.09%	35.68%
Full measure-rule target	46%	23.85%	24.35%

Method in brief

The analytical sample contains 6,250 unique Bull Flag pattern families. Its combined sample represents 59 Binance markets and 12 timeframes from 1m through 1d, with pattern dates from September 2019 through June 2026 and coverage varying by timeframe. The cohort combines several detector campaigns, while one outcome method is used throughout. Each market event enters the sample once under an outcome-blind grouping rule. Of the 6,250 families, 6,013 produced an eligible upward breakout and form the denominator for the main post-breakout rates. The 1m stratum contains 896 families and is treated as secondary. The full-pole denominator excludes 16 unevaluable target outcomes. The 5% threshold is fixed across timeframes; the causal stopping rule uses a predeclared ATR-based formula with timeframe-specific bounds. Binary endpoints use two-sided 95% Wilson score intervals; the continuous move distribution is right-skewed (mean 3.80%, median 1.26%). Figures describe price behavior, not trading returns.

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