

Cup and handle win rate in crypto

A study of 15,577 Cup and Handle formations across 59 Binance markets and 15 timeframes. Published 2026-09-22. By Stjepan Ivanović, Founder of ChartScout

15,577 Formations	11.61% Rose at least 5%	26.81% 5m+ rose 5%+	39.80% 15m+ rose 5%+	34.19% Full cup-depth target
----------------------	----------------------------	------------------------	-------------------------	---------------------------------

Direct answer

Across all measured timeframes, a favorable post-breakout rise of at least 5% occurred in 11.61% (1,322/11,387; 95% CI 11.03% to 12.21%). The rate was 26.81% at 5m+ (533 / 1,988) and 39.80% at 15m+ (273 / 686). Of 15,577 formations, 11,390 broke out upward (73.12%). These are chart outcomes, not net trading returns.

Pooled outcomes, all measured timeframes

Endpoint	Numerator / denominator	Estimate	95% Wilson interval
Breakout conversion	11,390 / 15,577	73.12%	72.42% to 73.81%
Structural hold	3,424 / 11,387	30.07%	29.23% to 30.92%
Favorable rise 5%+	1,322 / 11,387	11.61%	11.03% to 12.21%
Full cup-depth target	3,893 / 11,387	34.19%	33.32% to 35.06%
Neckline-proximity throwback	11,274 / 11,388	99.00%	98.80% to 99.17%

Results by timeframe

Timeframe	Breakouts	Structural hold	Rose 5%+	Full cup-depth target
1m	6,982	30.60%	6.40%	33.74%
3m	2,419	27.53%	14.14%	33.36%
5m	1,302	30.95%	19.97%	36.18%
15m	320	28.13%	30.94%	34.69%
30m	166	38.55%	43.98%	42.77%
1h	115	33.91%	46.96%	39.13%
2h	46	43.48%	56.52%	52.17%
4h+	40	sparse	sparse	sparse

Comparison with Bulkowski's stock baseline

Metric	Bulkowski (stocks)	All crypto timeframes	Crypto 15m+
Average rise	54%	2.35%	10.35%
Failure below 5%	5%	88.39%	60.20%
Success at or above 5%	95%	11.61%	39.80%
Full measure-rule target	61%	34.19%	37.90%

Method in brief

The study evaluated 290,334,077 rolling windows across 59 Binance pairs and all 15 timeframes, identifying 15,577 distinct formations observed before breakout. A breakout is the first close above the neckline before a close below the handle bottom, within max(3, handle length) candles. The favorable rise runs from the next candle's open to the highest close before a 12 x ATR% reversal (bounded per timeframe), a close below the handle bottom, or the scan cap: the outcome method of the ChartScout flag studies. Historical price-data checks confirmed the recorded measurements for 15,575 formations; 2 were excluded from post-breakout results because the candle data differed from the original observations. Censored rows are excluded, never converted into misses. Binary endpoints use 95% Wilson intervals. Execution costs are outside this study.

Cite as: ChartScout Research. Cup and Handle Win Rate in Crypto: A Study of 15,577 Pattern Formations. 2026. chartscout.io/cup-and-handle-win-rate-crypto-study