



F5 CRYPTO INDEX

» Scientific State-of-the-Art Crypto Index

Updated: 2020-07-24

QUICK FACTS

Weighting

Equally-Weighted + Momentum Factor

Constituents

12

Base Value

1000 (since 2018-08-15)

Min. Weight

3% (at rebalancing)

Max. Weight

none

Rebalancing Frequency

quarterly

Calculation Frequency

daily

Inception Date

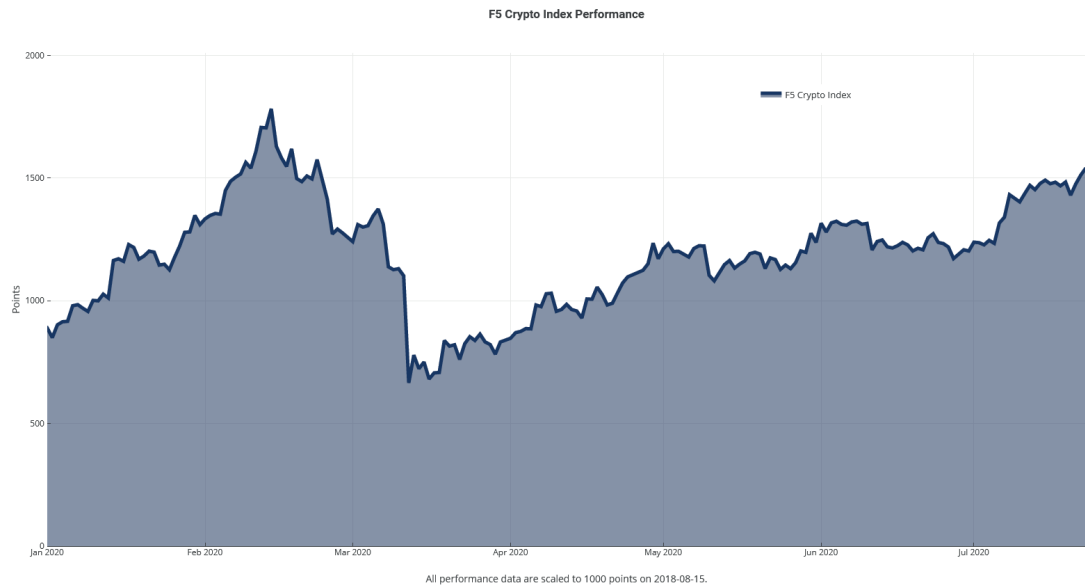
2018-08-15

Backtesting Start Date

2017-01-01

Our F5 Crypto Index is the first scientific state-of-the-art cryptocurrency index. The index tracks the performance of its 12 constituents. The constituents are based on market cap and exclusion rules. The weights of the constituents are optimized for maximum performance according to cutting edge financial science: equally weighted plus momentum factor.

PERFORMANCE SINCE 2020-01-01 +65%



INDEX PERFORMANCE DATA

INDEX RETURNS

	Since start (total)	Since start (p.a)	2017	2018	2019	YTD (2020)
F5 Crypto Index*	2213%	239%	7.367%	-87%	26%	65%
CRIX	1418%	211%	2.683%	-80%	66%	69%
Bitcoin	763%	177%	1.167%	-71%	91%	27%
Ethereum	2987%	260%	8.145%	-81%	-5%	105%

Performance measures for F5 and alternative crypto investment for period from 2017-01-01 until 2020-07-24

DESCRIPTIVE STATISTICS

RISK MEASURES

	Volatility	Sharpe ratio	Max. drawdown	Upside frequency	Value-at-Risk 5%	Conditional Value-at-Risk 5%
F5 Crypto Index*	5.11	7.35	92.63	55.08	-8.07	-14.95
CRIX	4.35	7.04	87.92	55.62	-6.89	-13.79
Bitcoin	4.32	6.21	83.40	54.31	-6.34	-10.59
Ethereum	5.80	7.57	93.96	50.46	-7.60	-8.05

Risk measures for F5 and alternative crypto investment for period from 2017-01-01 until 2020-07-24

*(backtested since 2017-01-01)





F5 CRYPTO INDEX

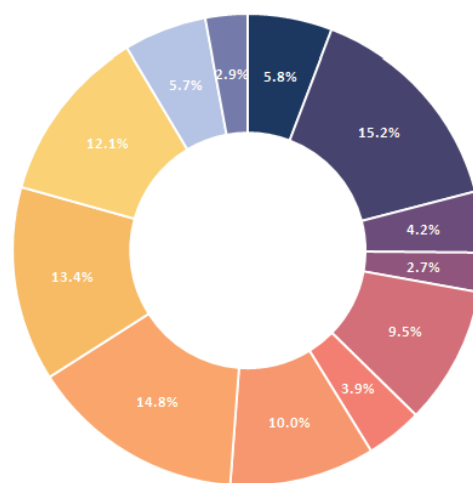
» Scientific State-of-the-Art Crypto Index

KEY FACTS

- Exclusively developed for F5 Crypto Capital by Professor Hermann Elendner at Humboldt-Universität Berlin.
- 12 constituents for optimal intra-crypto diversification.
- Quarterly rebalancing ensures a dynamic exposure to cover trending cryptos.
- To serve financial products, our F5 Crypto Index constituents are actively managed. We exclude non-multi-signature cryptos, stablecoins and privacy coins.
- The index is available for licensing.

CURRENT 12 CONSTITUENTS

Cryptoasset	Symbol	Allocation
Bitcoin	BTC	5,8 %
Ethereum	ETH	15,2 %
Ripple	XRP	4,2 %
Bitcoin Cash	BCH	2,7 %
EOS	EOS	9,5 %
Litecoin	LTC	3,9 %
Cardano	ADA	10,0 %
Stellar Lumens	XLM	14,8 %
Binance Coin	BNB	13,4 %
Tezos	XTZ	12,1 %
Chainlink	LINK	5,7 %
Crypto.com Coin	CRO	2,9 %



Screenshot of our F5 Crypto Index weights 2020-07-24

REBALANCING METHODOLOGY

- The market cap ranking of cryptos is updated quarterly to form the top 12 constituents. Leaving cryptos get liquidated, new positions get established. The top 12 market cap ranking is determined by an exponentially-weighted moving average of the market capitalization over a rolling window of a fixed length.
- Existing positions are rebalanced among themselves. The target weights are calculated by starting with an equal weighting and combining it with a momentum factor. More details of the calculation methodology is available in our F5 Crypto Index Whitepaper.
- The index employs a smart rebalancing algorithm to minimize trading while ensuring positions sufficiently close to target allocations.

Disclaimer

The F5 Crypto Capital GmbH and their licensors, research partners or data providers do not make any warranties or representations, expressed or implied, with respect to the timeliness, sequence, accuracy, completeness, currentness, merchantability, quality or fitness for any particular purpose of its index data and exclude any liability in connection therewith. The F5 Crypto Capital GmbH and their licensors, research partners or data providers are not providing investment advice through the publication of indices or in connection therewith. In particular, the inclusion of a digital asset in an index, its weighting, or the exclusion of a digital asset from an index, does not in any way reflect an opinion of F5 Crypto Capital GmbH, their licensors, research partners or data providers on the merits of that company. Financial instruments based on the F5 Crypto indices are in no way sponsored, endorsed, sold or promoted by the F5 Crypto Capital GmbH or their licensors, research partners or data providers.

Backtested Performance

This document contains index performance data based on backtesting, i.e. calculations of how the index might have performed prior to launch if it had existed using the same index methodology and based on historical constituents. In order to preclude hindsight bias, no dynamic management decisions are included in this evaluation; the F5 Crypto Index is determined based on the standard parametrisation alone. Backtested performance information is purely hypothetical and is provided in this document solely for information purposes. Backtested performance does not represent actual performance and should not be interpreted as an indication of actual performance.

