Bitcoin

(Ticker: BTC/USD)

Monthly Quant Report

Jul-2014 to Nov-2017

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Bitcoin

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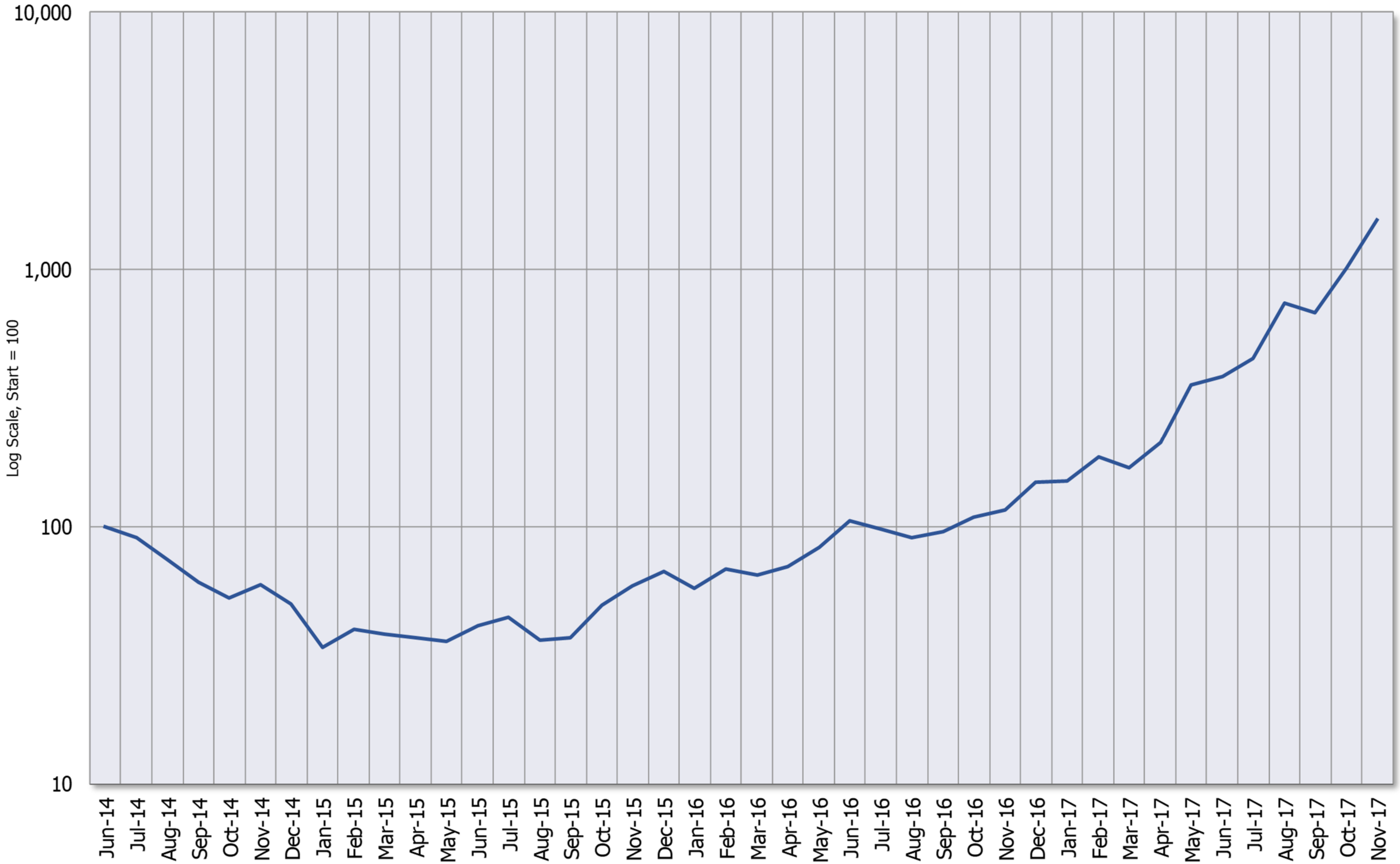
Coinz Trader



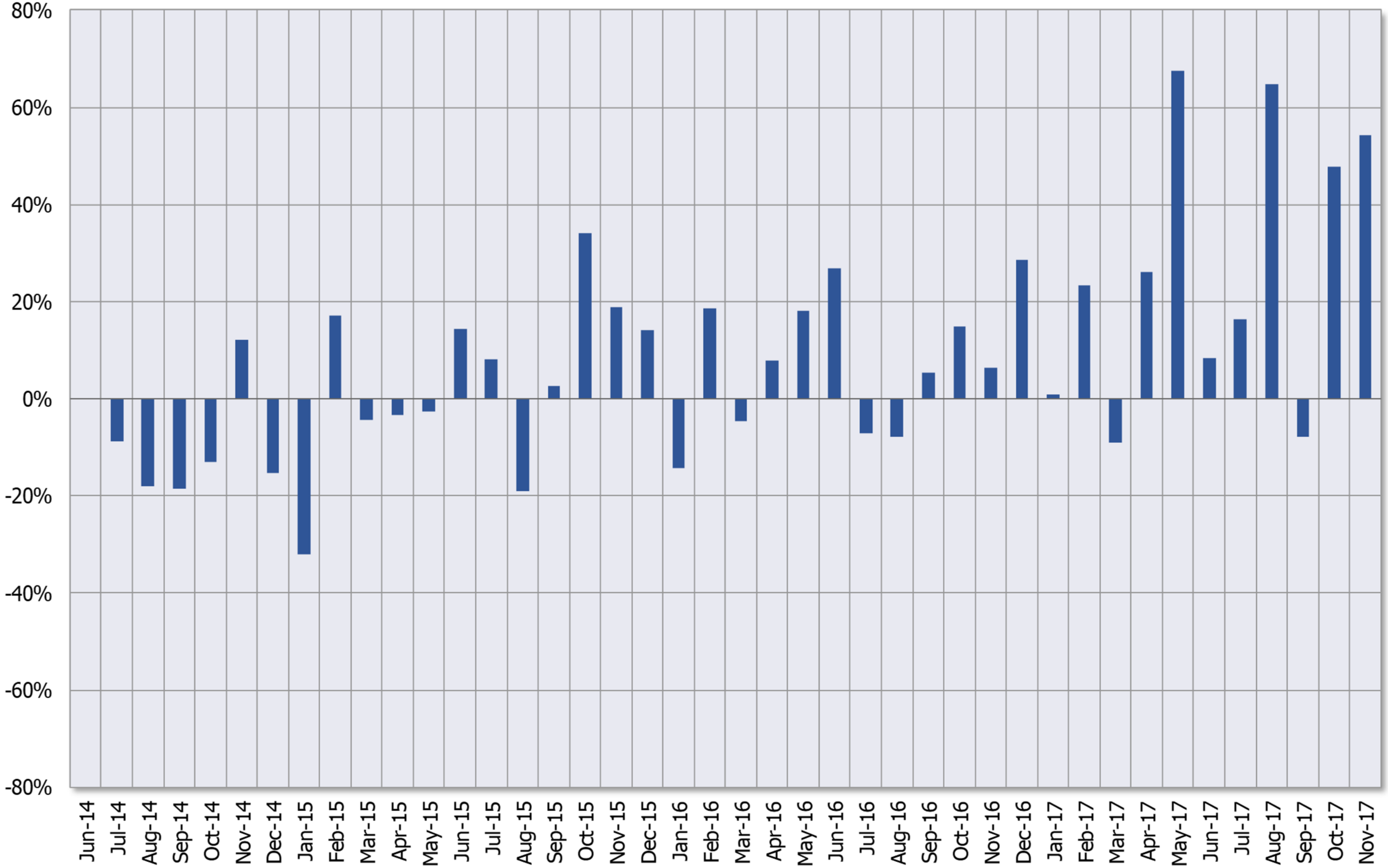
Quantitative Summary

Return Statistics	
Period: Jul-14 to Nov-17	
Total period return	1456.1%
Annual rate of return (AROR)	123.3%
Average monthly return	9.1%
Gaining months	61.0%
Average gaining month return	22.3%
Largest monthly gain	67.6%
Largest monthly loss	-32.1%

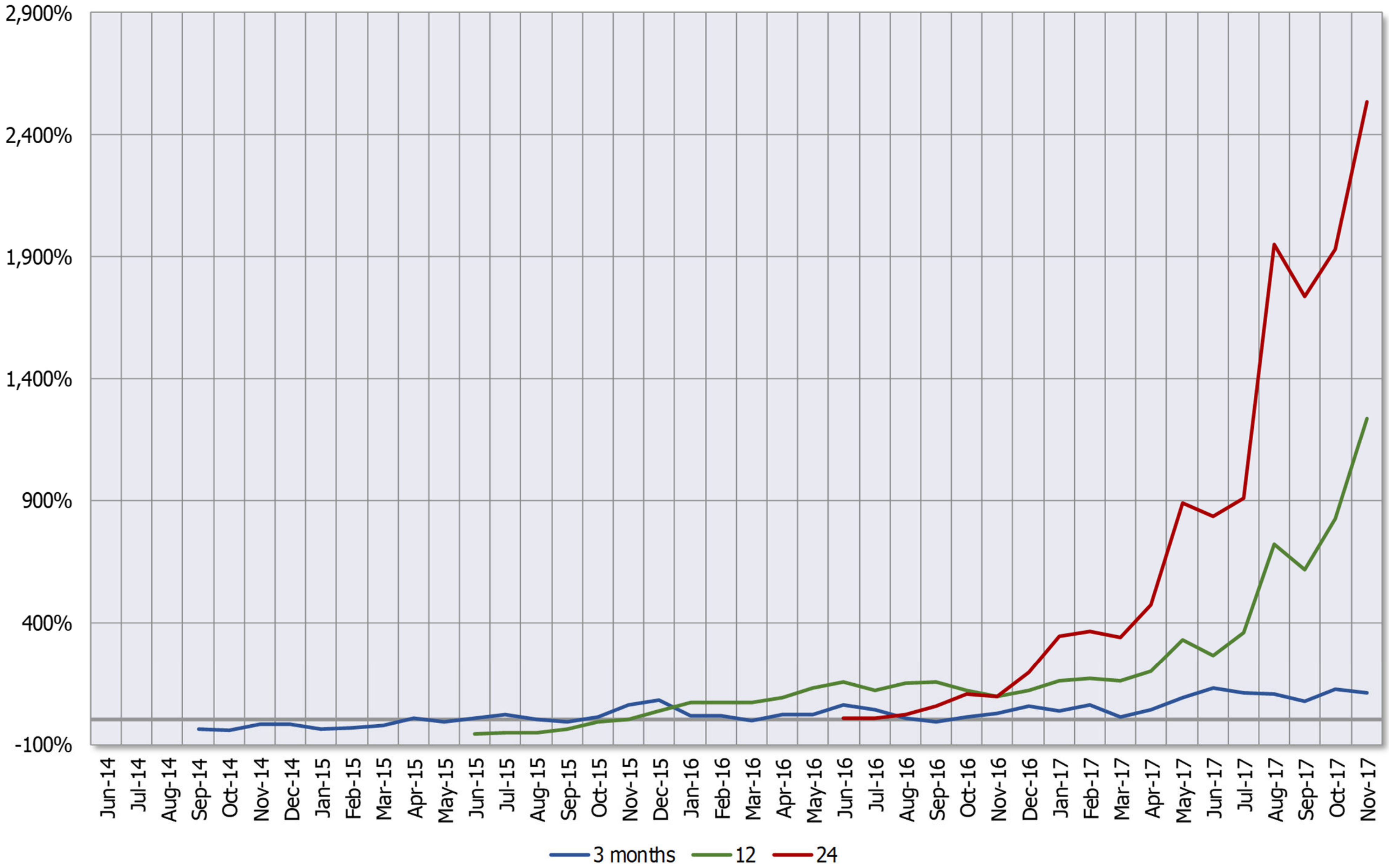
Risk Statistics	
Period: Jul-14 to Nov-17	
Largest drawdown	-65.9%
Average drawdown	-26.7%
Annual standard deviation	78.0%
Annual downside deviation	29.9%
Losing months	39.0%
Average losing month return	-11.6%

Return/Risk Ratios	
Period: Jul-14 to Nov-17	
Sortino ratio (1.0%)	4.1
Sharpe ratio (1.0%)	1.6
AROR/Largest drawdown	1.9
Gaining/losing months	1.6
Gaining/losing months return	1.9
Profit factor	3.0

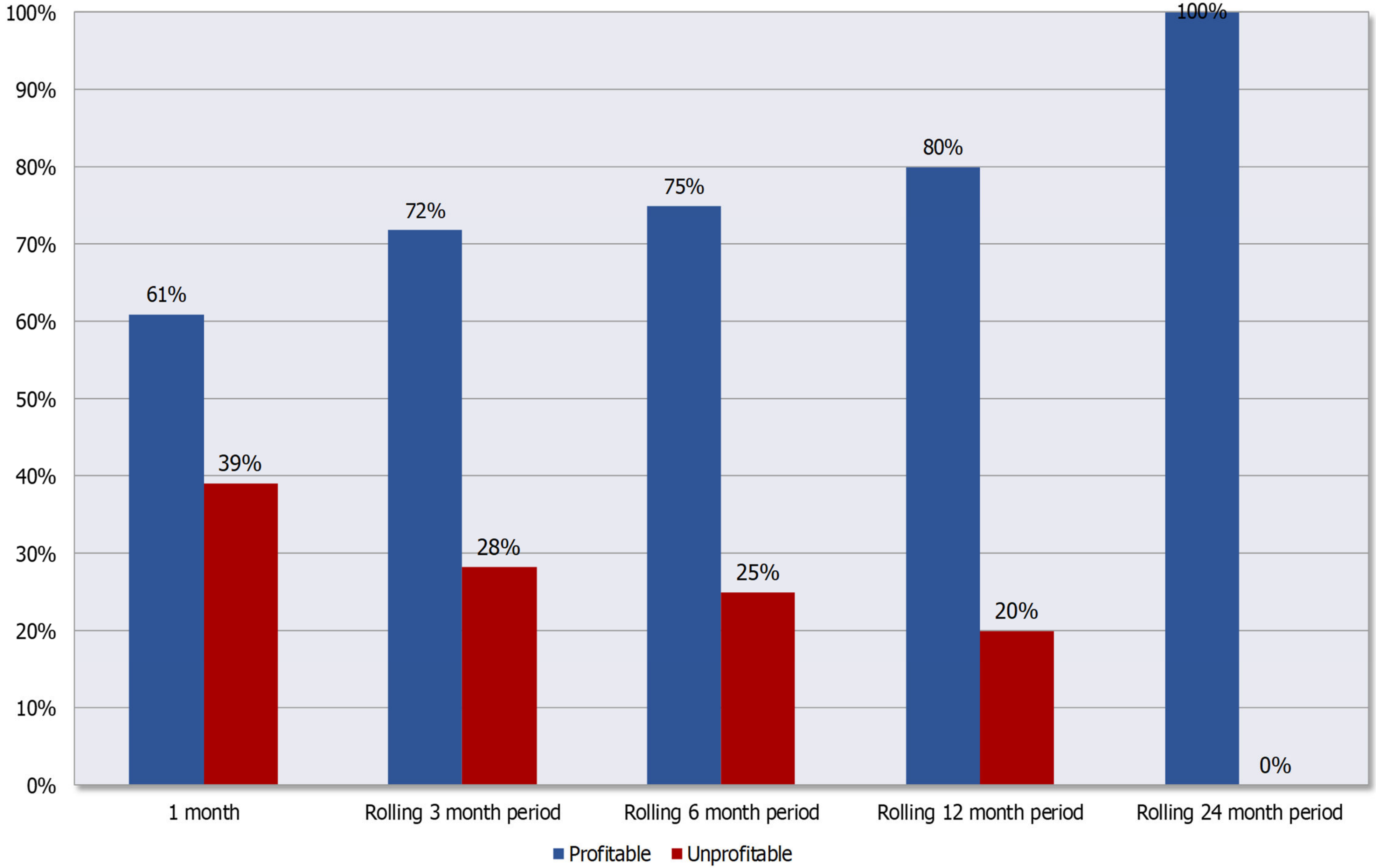
Monthly Performance



Rolling Rate of Return – 3, 12 and 24 months

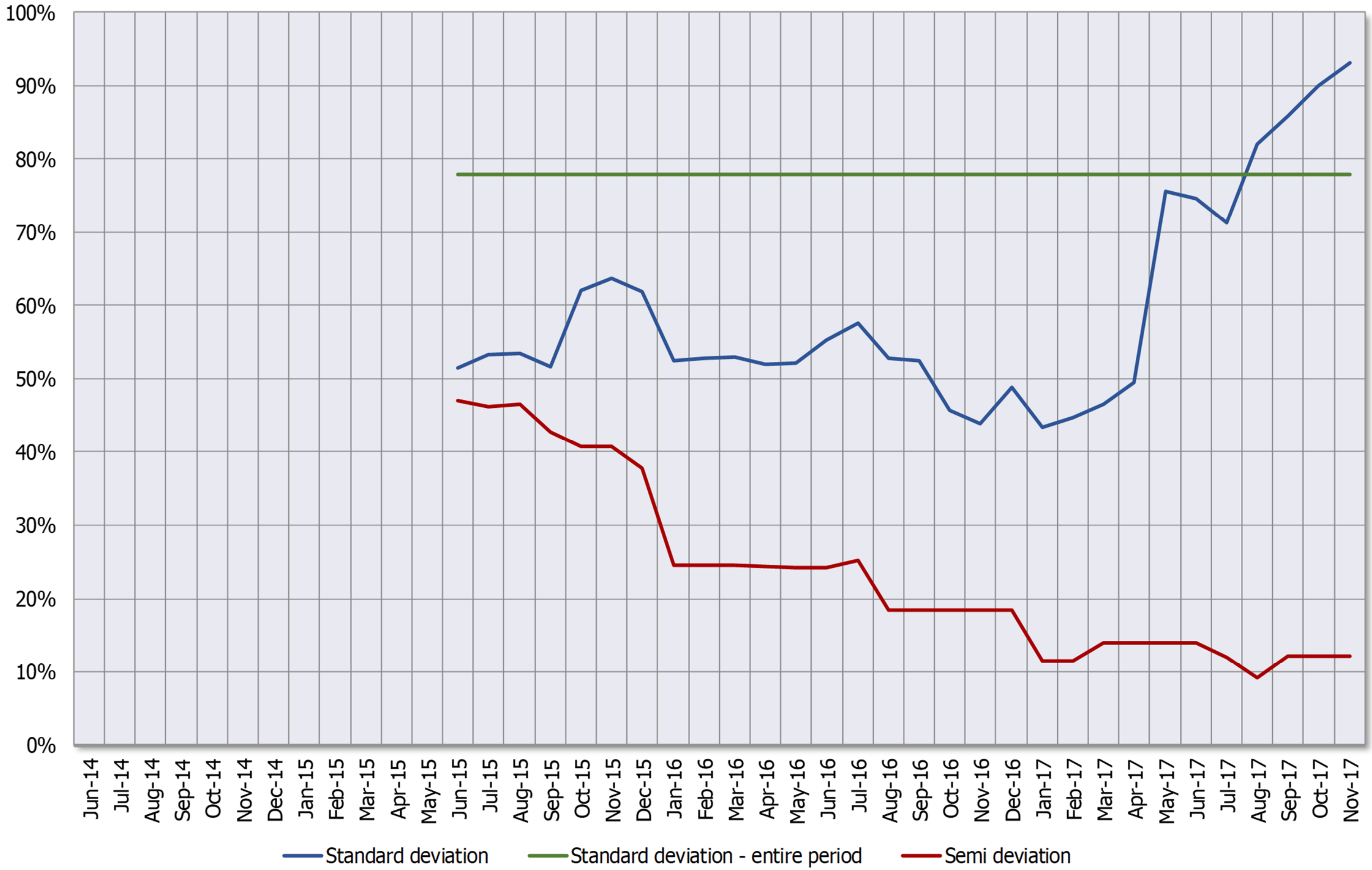


Percent Profitable/Unprofitable Periods



Volatility – Rolling 12 Month Annualized Volatility

Coinz Trader



Drawdown – Percent Decline from All-Time-High

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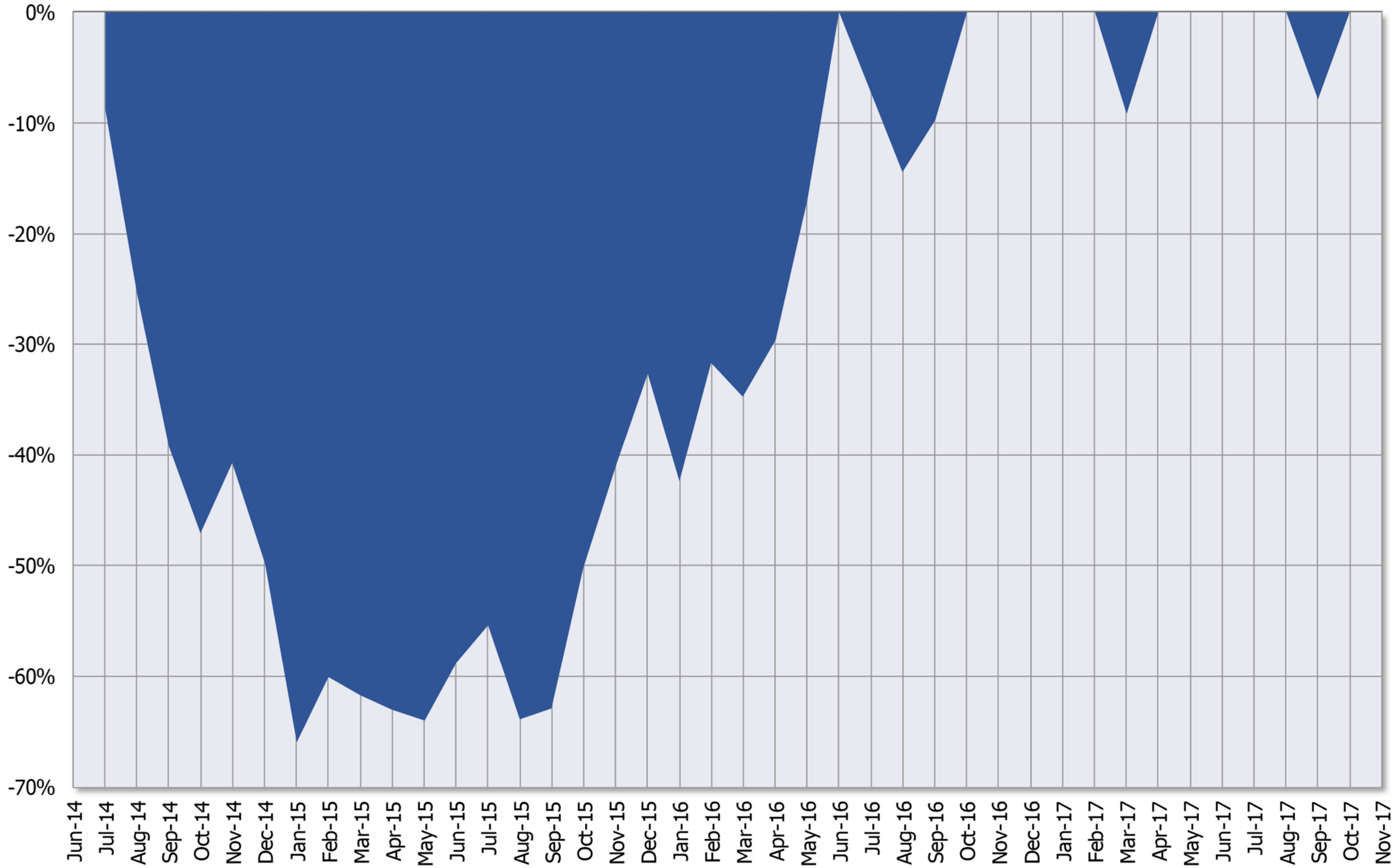
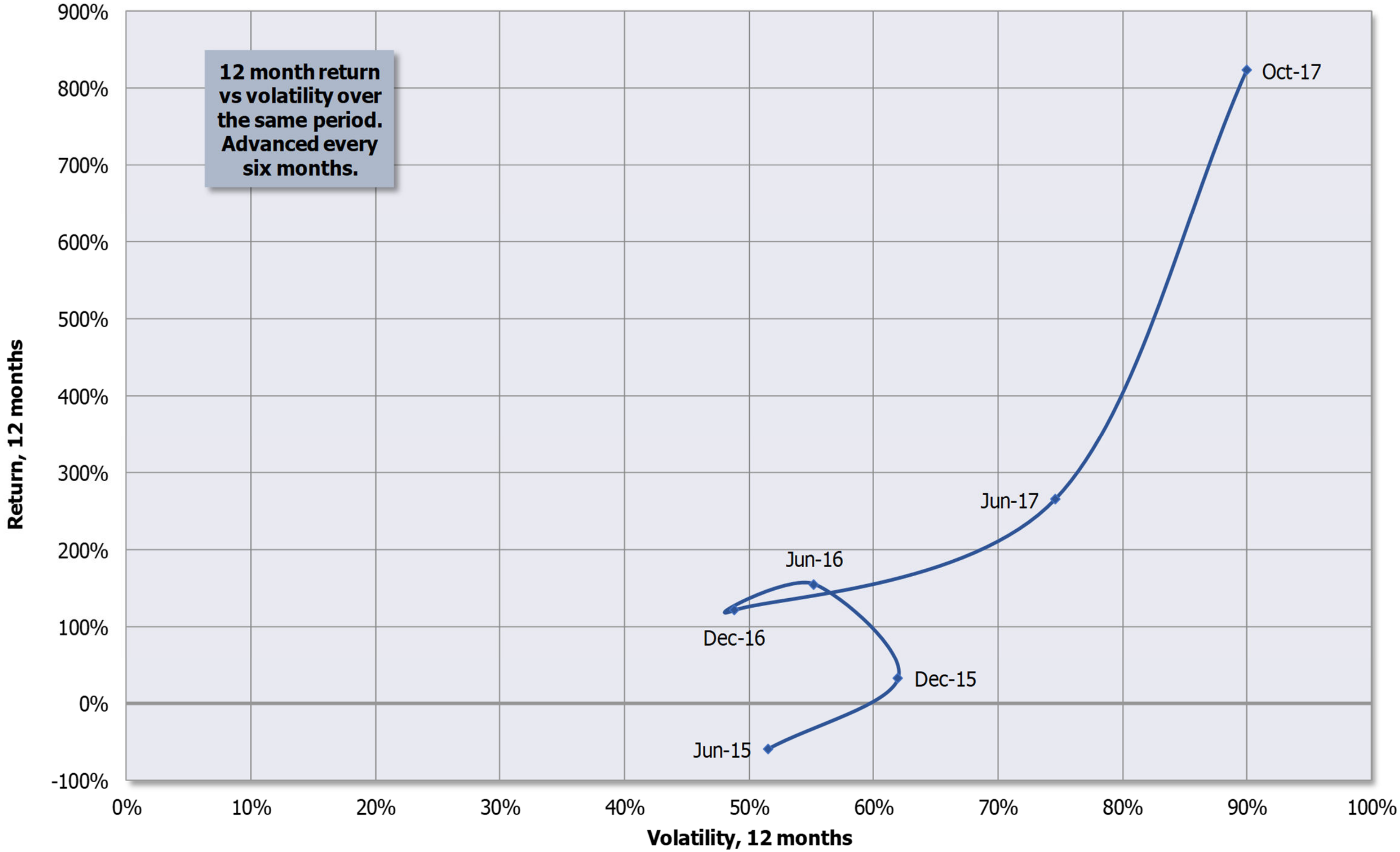


Return/Risk Consistency



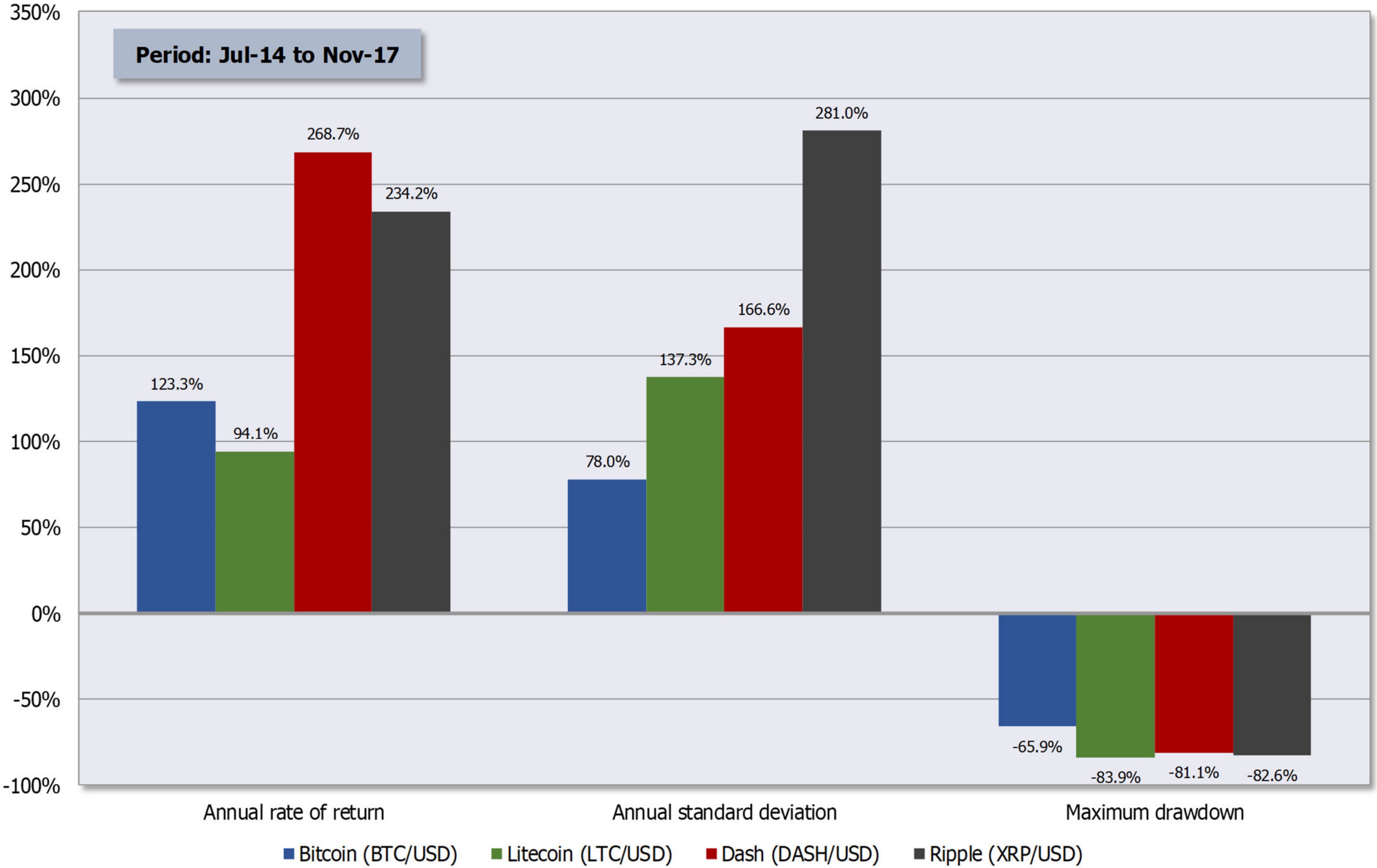
Compared to Other Crypto Assets

Return and Risk Summary

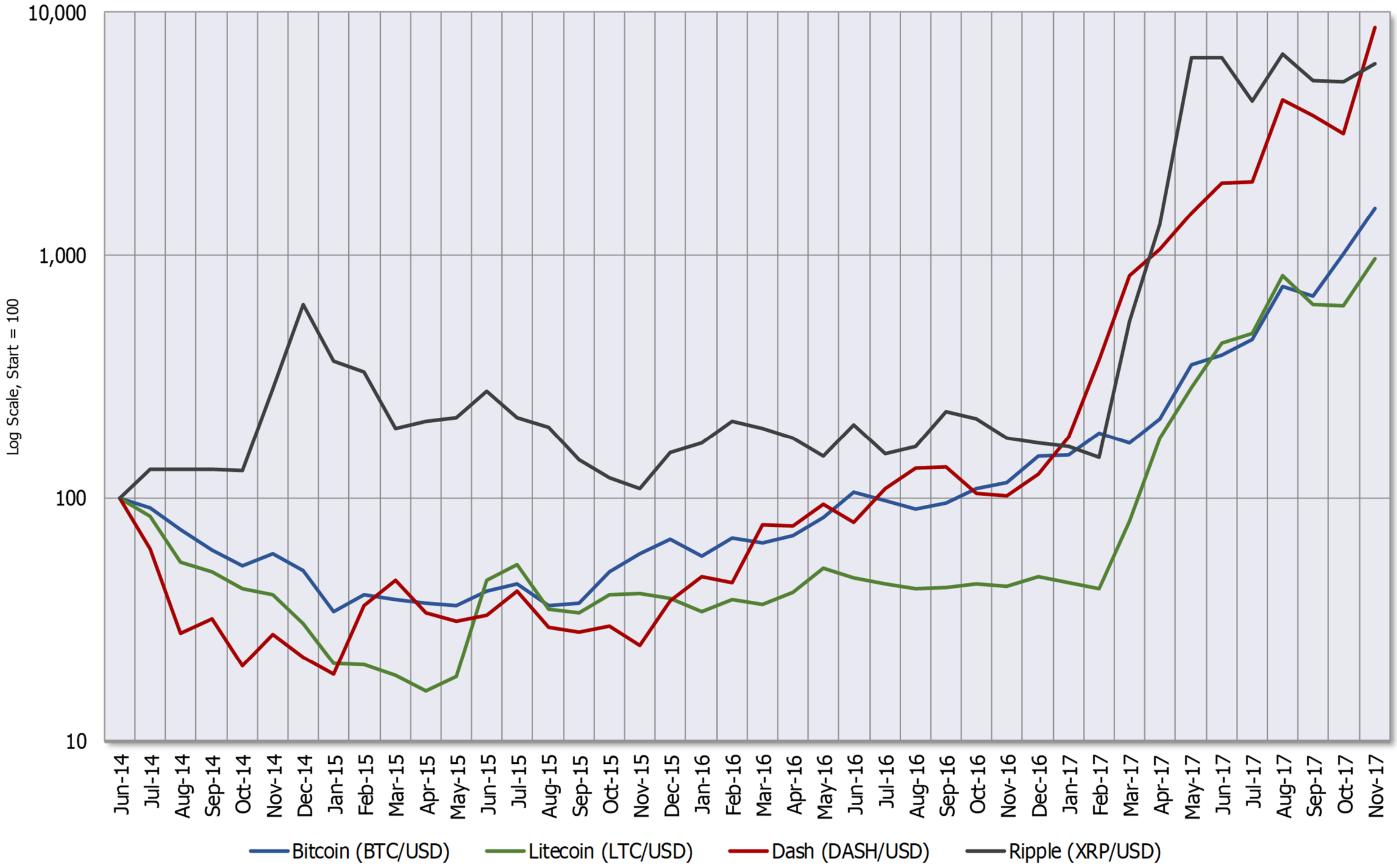
Period: Jul-14 to Nov-17

	Bitcoin (BTC/USD)	Litecoin (LTC/USD)	Dash (DASH/USD)	Ripple (XRP/USD)
Return				
Total period return	1456.1%	864.8%	8536.4%	6073.5%
Annual rate of return (AROR)	123.3%	94.1%	268.7%	234.2%
Best 12 month rolling rate of return	1238.3%	2124.0%	8381.5%	4320.7%
Worst 12 month rolling rate of return	-58.8%	-54.0%	-67.2%	-75.6%
Largest monthly gain	67.6%	150.4%	173.7%	383.0%
Largest monthly loss	-32.1%	-35.6%	-54.9%	-41.7%
Gaining months	61.0%	43.9%	58.5%	43.9%
Average monthly return	9.1%	11.0%	19.6%	24.7%
Risk				
Annual standard deviation	78.0%	137.3%	166.6%	281.0%
Annual downside deviation	29.9%	41.3%	52.5%	49.1%
Largest drawdown	-65.9%	-83.9%	-81.1%	-82.6%
Return/Risk Ratios				
Sortino ratio (1.0%)	4.1	2.3	5.1	4.8
Sharpe ratio (1.0%)	1.6	0.7	1.6	0.8
AROR/Largest drawdown	1.9	1.1	3.3	2.8
Correlation				
Entire period		0.5	0.4	0.3

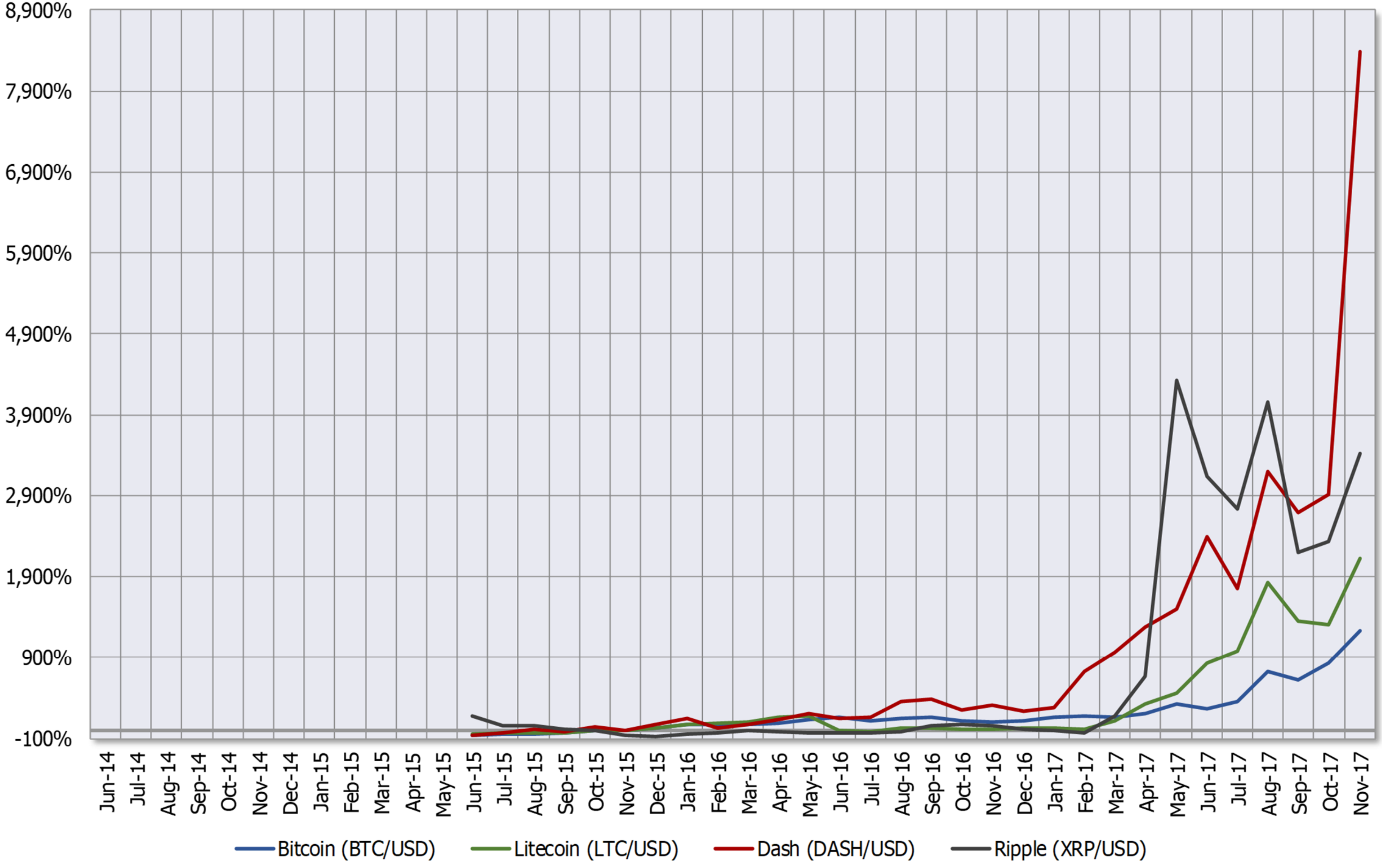
Key Statistics



Performance Indexes

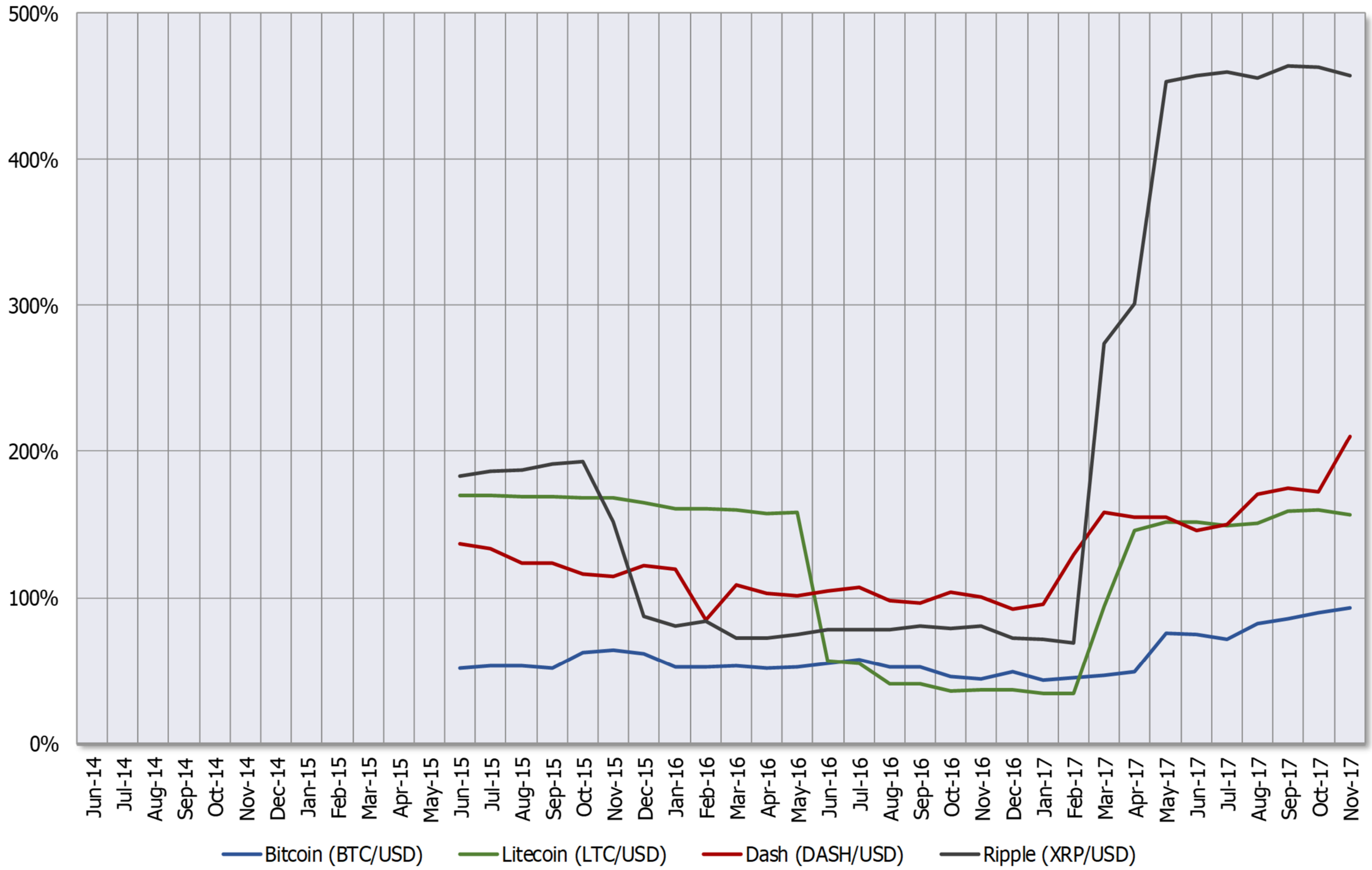


Rolling Rate of Return, 12 months

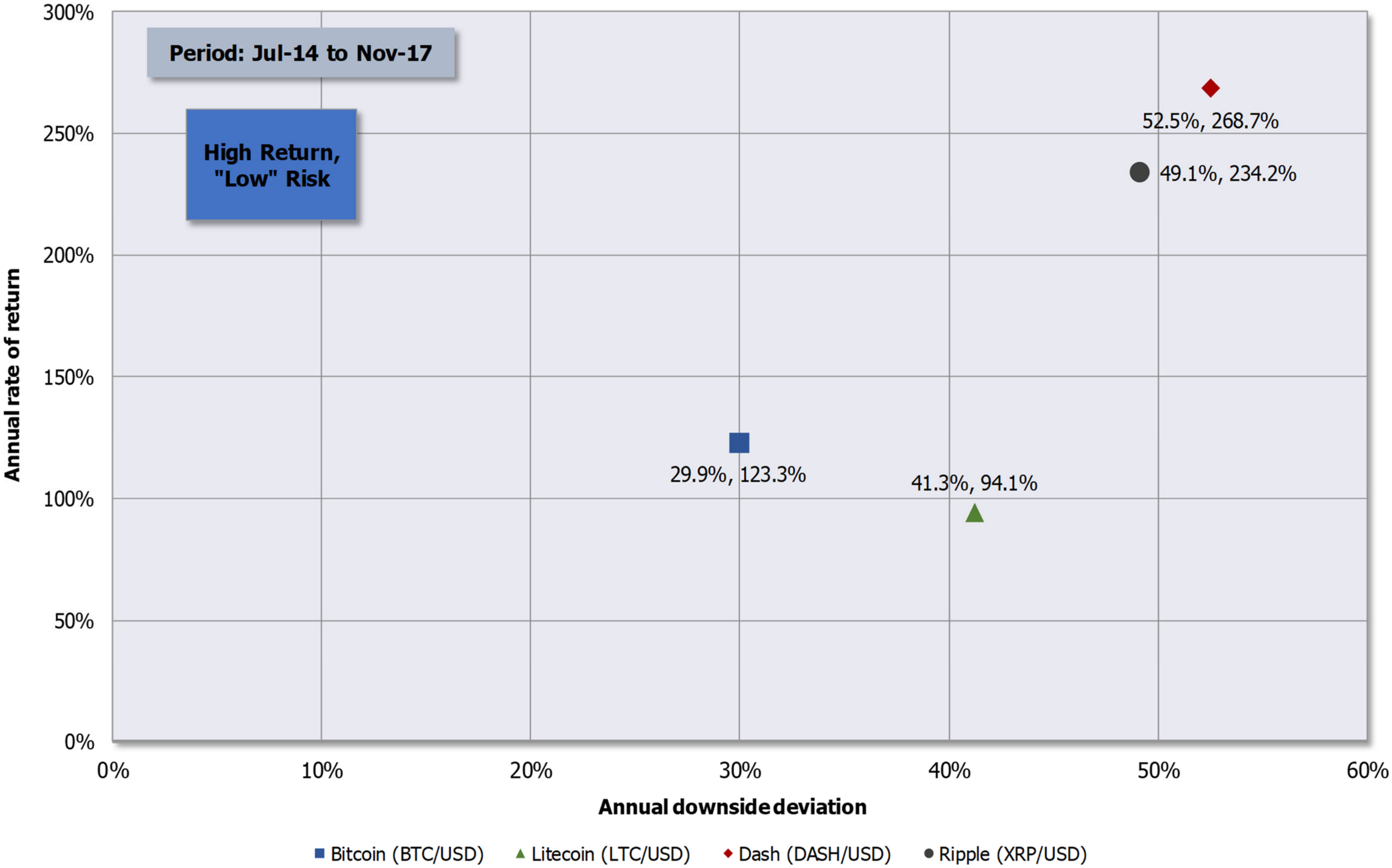


Volatility – Rolling 12 Month Annualized Standard Deviation

Coinz Trader



Return/Risk Dimension



Correlation