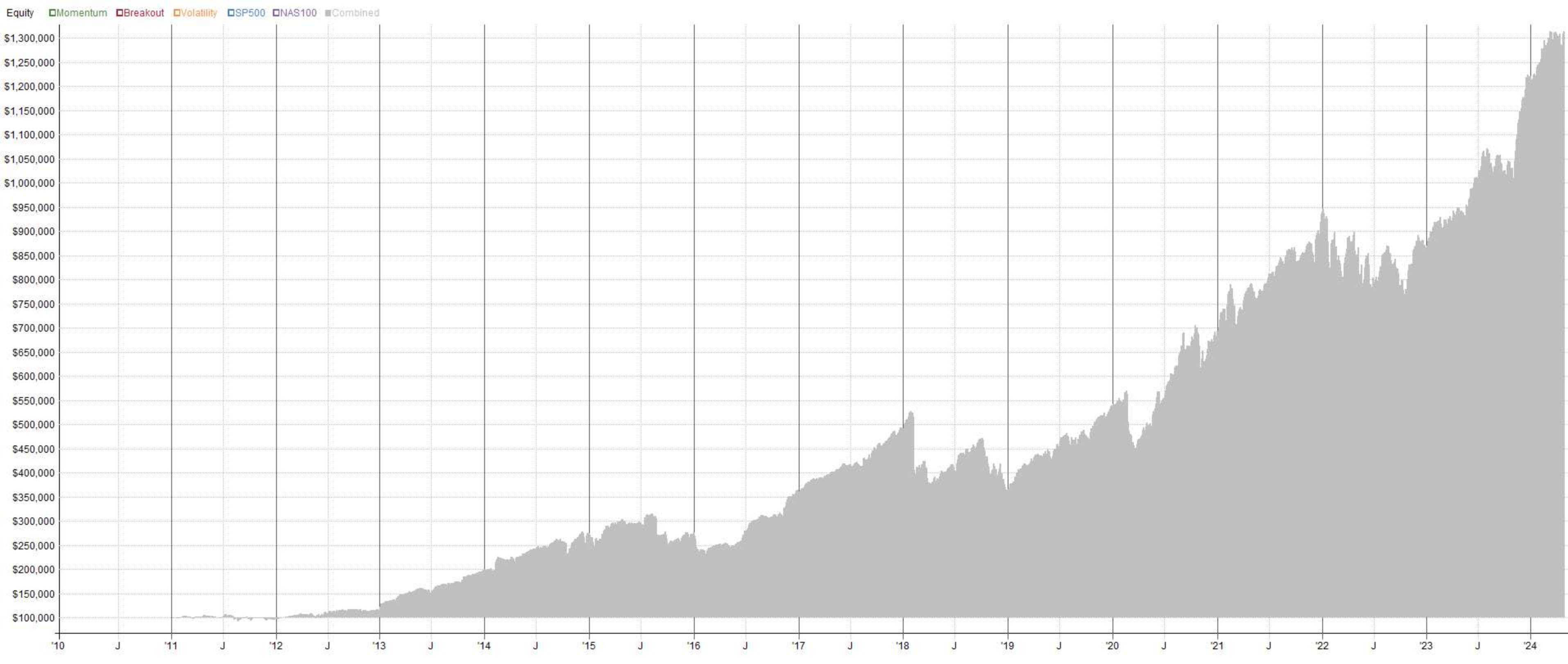


Trading System

S/N	REGIME	SIDE	ORDERS	STRATEGY	ALLOCATION	TIMEFRAME	COMMISSION	SLIPPAGE	APPROACH	TICKER
1	Bull Market	Long	Market Order EOD	Double Momentum Strategy (DMS)	40%	1 Day	0.005 * Share Max: 1	0.001 * FillPrice	Algorithmic	NDX Universe
2				Range Breakout Strategy (RBS)	40%					
3	Bull & Bear Market	Short		Market Volatility Strategy (MVS)	20%					UVXY



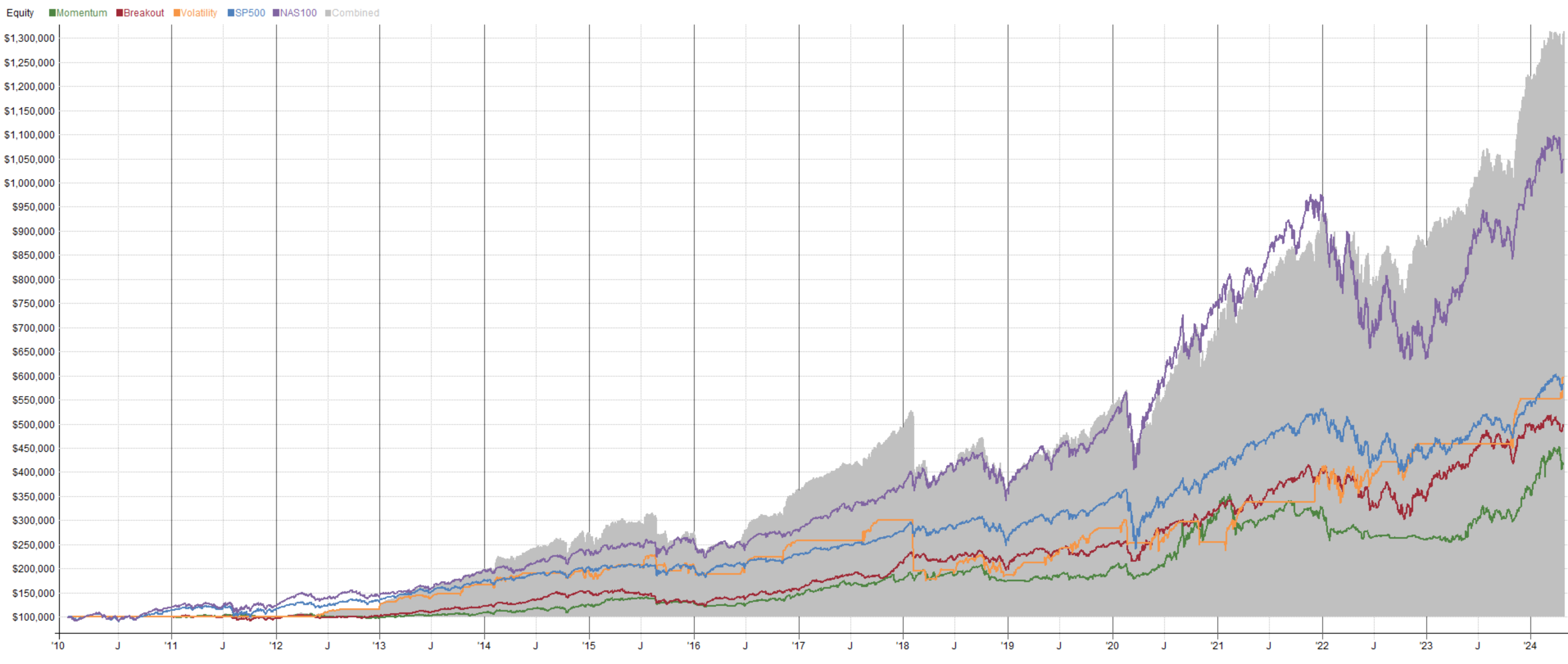
Summary Stats

	Momentum	Breakout	Volatility	SP500*	NAS100*	Combined
Periods	3,349	3,350	3,002	3,601	3,601	3,350
NetProfit	\$316,430	\$399,999	\$497,976	\$482,315	\$948,763	\$1,214,405
Comp	True	True	True	True	True	True
ROR	4.61%	6.57%	11.08%	13.11%	17.86%	21.36%
MaxDD	-11.18%	-12.48%	-24.53%	-33.68%	-35.12%	-32.05%
MAR	0.41	0.53	0.45	0.39	0.51	0.67
Trades	531	664	31	58	62	1,226
PctWins	53.30%	53.61%	61.29%	81.03%	77.42%	53.67%
AvgWin	11.97%	16.59%	50.51%	6.08%	7.63%	15.59%
AvgLoss	6.91%	11.61%	21.02%	7.82%	7.27%	9.76%
PayoffRatio	1.73	1.43	2.40	0.78	1.05	1.60
WinLen	48.49	59.13	51.63	62.70	59.67	54.34
LossLen	26.93	37.89	21.25	59.27	52.50	32.75
Expectancy	3.15%	3.51%	22.82%	3.45%	4.27%	3.84%
ProfitFactor	2.00	1.59	2.95	2.71	2.77	1.97
Sharpe	0.67	0.87	0.91	0.80	0.91	1.04
Sortino	1.02	1.44	1.26	1.25	1.44	1.54
AvgExp	24.21%	38.83%	8.24%	99.93%	99.95%	70.41%
MaxExp	39.93%	39.95%	20.00%	100.00%	100.00%	99.85%
AvgUse	24.22%	38.84%	8.24%	99.95%	99.98%	70.44%
MaxUse	39.93%	39.95%	20.00%	100.00%	100.00%	99.85%

* benchmark strategies are not included in combined stats

Combined Monthly Percent Gains

YEAR	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL	MaxDD
2010	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.0%
2011	-1.3%	3.5%	0.1%	1.6%	-1.0%	0.6%	0.1%	-2.9%	-5.2%	4.1%	-1.9%	-0.3%	-2.8%	-12.9%
2012	3.9%	3.1%	3.0%	1.0%	-4.8%	8.0%	1.3%	1.6%	2.0%	-2.3%	1.3%	6.1%	26.4%	-9.8%
2013	9.7%	3.5%	7.5%	4.1%	1.3%	-2.2%	8.6%	1.0%	2.8%	6.4%	3.7%	4.1%	62.7%	-8.5%
2014	-0.9%	11.6%	-0.2%	2.7%	4.2%	3.4%	0.3%	5.2%	-0.1%	-0.2%	6.2%	-2.8%	32.8%	-11.8%
2015	-6.7%	15.6%	2.5%	0.5%	0.1%	-1.1%	7.3%	-13.8%	-6.8%	4.1%	3.7%	-0.9%	1.5%	-22.4%
2016	-10.2%	0.6%	3.7%	-1.6%	3.1%	9.3%	8.2%	2.1%	0.9%	0.7%	10.6%	3.3%	33.1%	-13.8%
2017	5.3%	1.7%	2.4%	2.2%	2.8%	-0.1%	-0.0%	6.0%	4.5%	2.2%	2.6%	2.0%	36.2%	-6.2%
2018	7.3%	-21.8%	-7.1%	1.2%	4.3%	0.4%	7.4%	5.0%	3.8%	-15.5%	3.1%	-10.9%	-25.0%	-32.0%
2019	8.9%	4.3%	2.4%	2.1%	-3.7%	8.9%	2.4%	-0.6%	2.6%	5.2%	4.0%	3.0%	46.4%	-8.2%
2020	-2.7%	-8.9%	-1.8%	7.1%	8.4%	3.3%	8.0%	11.2%	0.3%	-10.3%	11.2%	3.1%	29.2%	-21.6%
2021	-0.3%	4.6%	3.0%	5.1%	-0.7%	4.5%	2.5%	3.3%	-2.7%	2.7%	-3.0%	12.6%	35.1%	-13.9%
2022	-8.3%	-2.3%	4.2%	-6.6%	3.0%	-6.5%	8.4%	-2.6%	-6.3%	6.5%	7.7%	-2.6%	-7.2%	-20.3%
2023	5.5%	-0.9%	3.7%	-0.2%	2.7%	5.7%	5.0%	-1.6%	-3.0%	-1.2%	16.2%	3.3%	39.7%	-9.7%
2024	1.4%	5.0%	1.4%	0.4%	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	8.3%	-5.4%
AVG	0.8%	1.3%	1.7%	1.3%	1.4%	2.4%	4.2%	1.0%	-0.5%	0.2%	4.7%	1.4%	21.1%	-13.1%



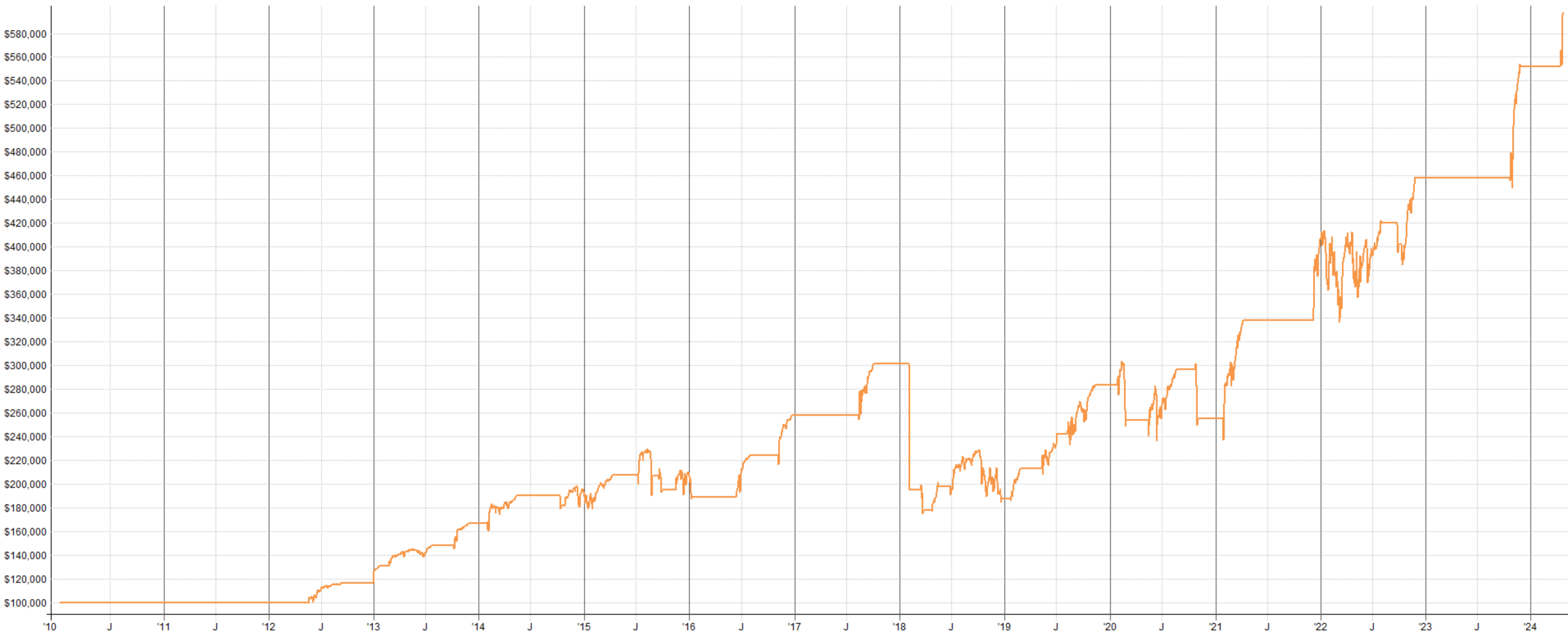
Equity Momentum Breakout Volatility SP500 NAS100 Combined

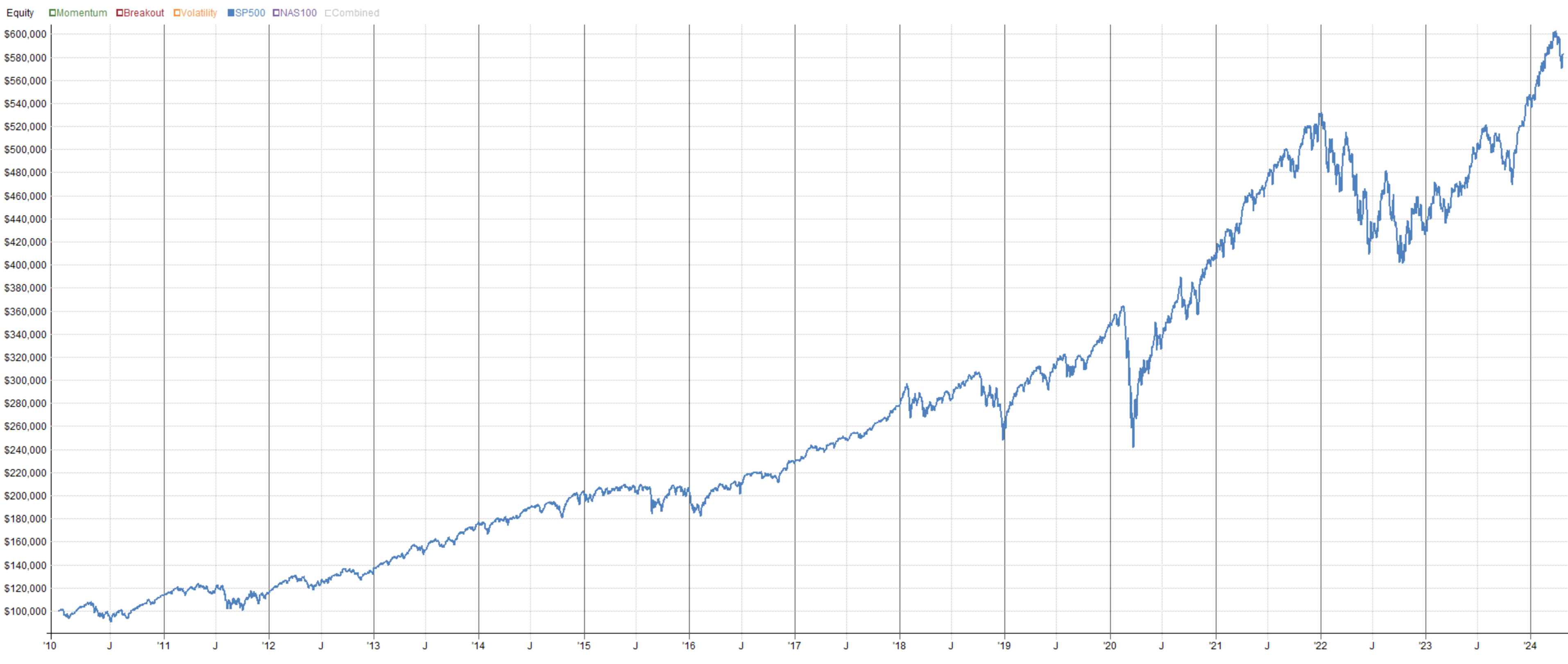


Equity Momentum Breakout Volatility SP500 NAS100 Combined

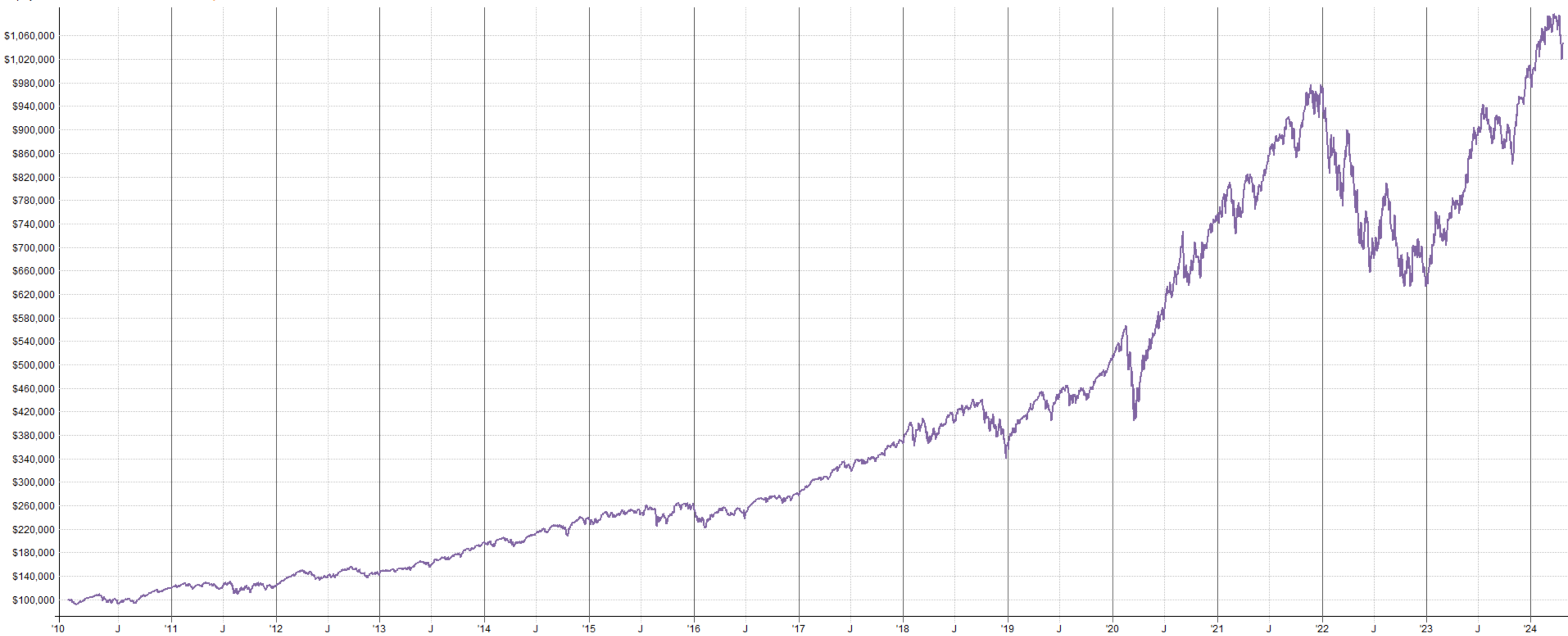


Equity Momentum Breakout Volatility SP500 NAS100 Combined





Equity Momentum Breakout Volatility SP500 NAS100 Combined

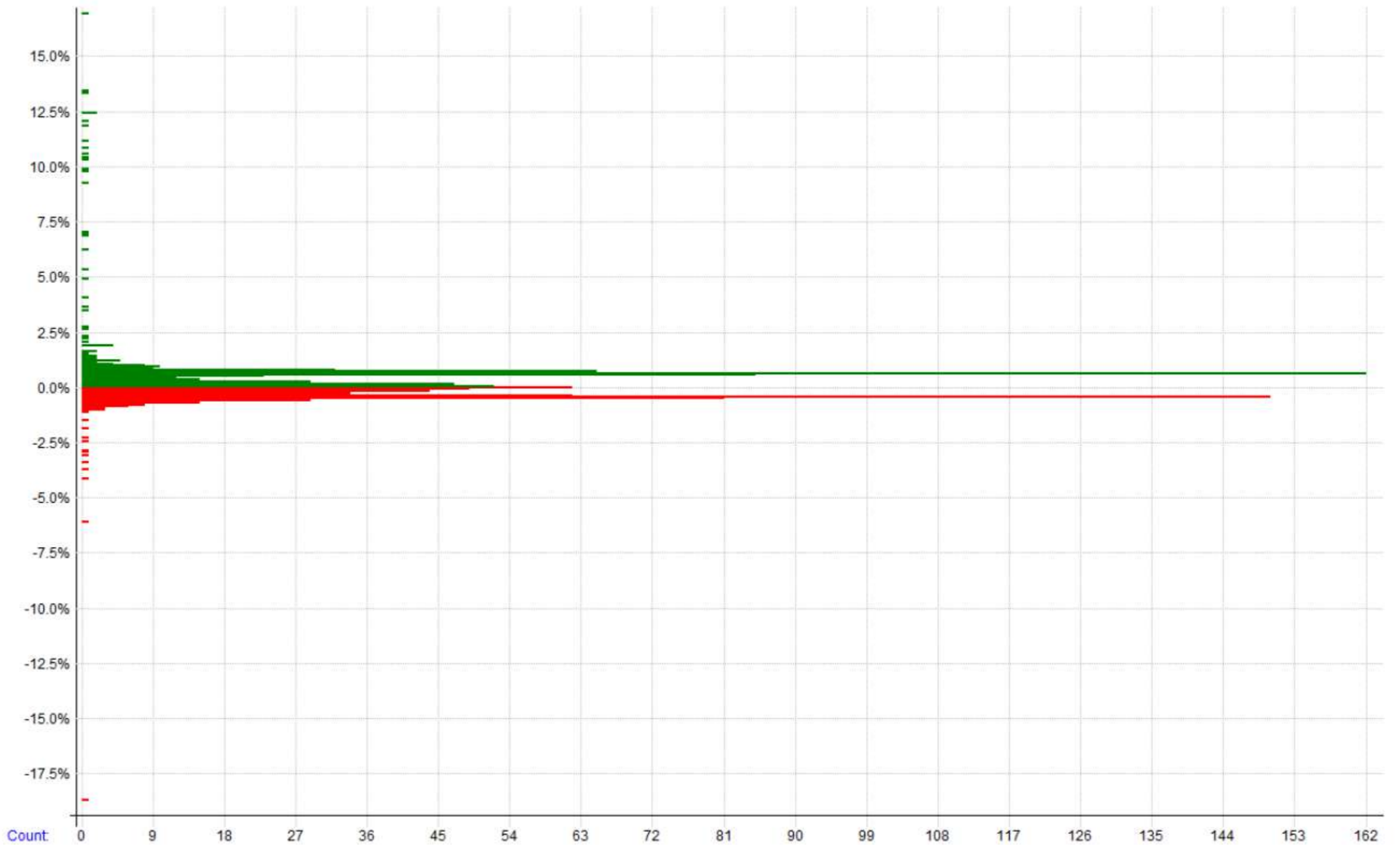


Strategy Correlations

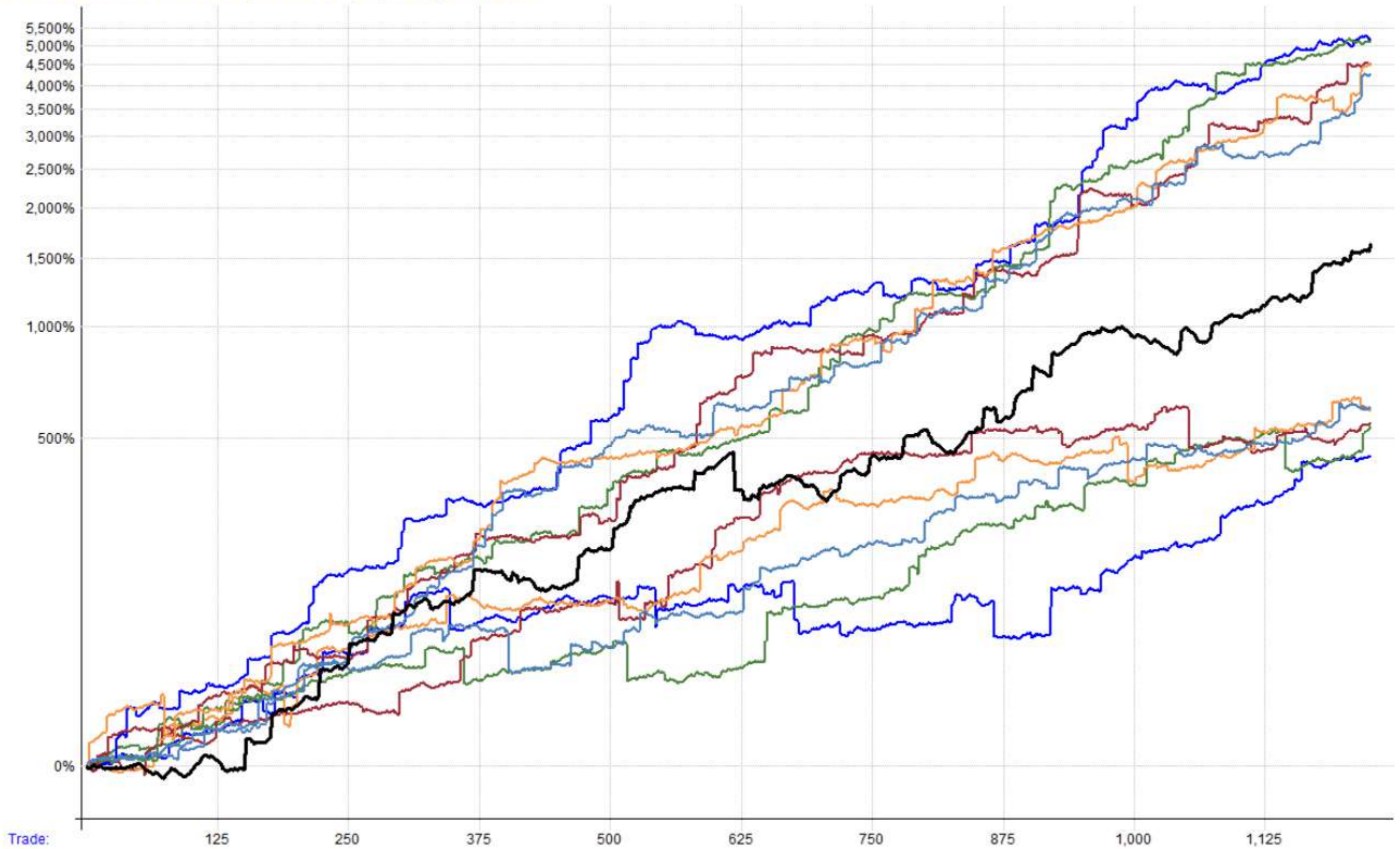
RETURNS	Momentum	Breakout	Volatility	SP500	NAS100	Combined
Momentum	1.00	0.53	0.33	0.56	0.66	0.73
Breakout	0.53	1.00	0.39	0.76	0.78	0.77
Volatility	0.33	0.39	1.00	0.40	0.40	0.82
SP500	0.56	0.76	0.40	1.00	0.93	0.70
NAS100	0.66	0.78	0.40	0.93	1.00	0.74
Combined	0.73	0.77	0.82	0.70	0.74	1.00

DRAWDOWNS	Momentum	Breakout	Volatility	SP500	NAS100	Combined
Momentum	1.00	0.54	0.16	0.58	0.74	0.43
Breakout	0.54	1.00	0.26	0.63	0.62	0.63
Volatility	0.16	0.26	1.00	0.12	0.06	0.88
SP500	0.58	0.63	0.12	1.00	0.91	0.43
NAS100	0.74	0.62	0.06	0.91	1.00	0.38
Combined	0.43	0.63	0.88	0.43	0.38	1.00

Test 140 - Combined - distribution of %gains

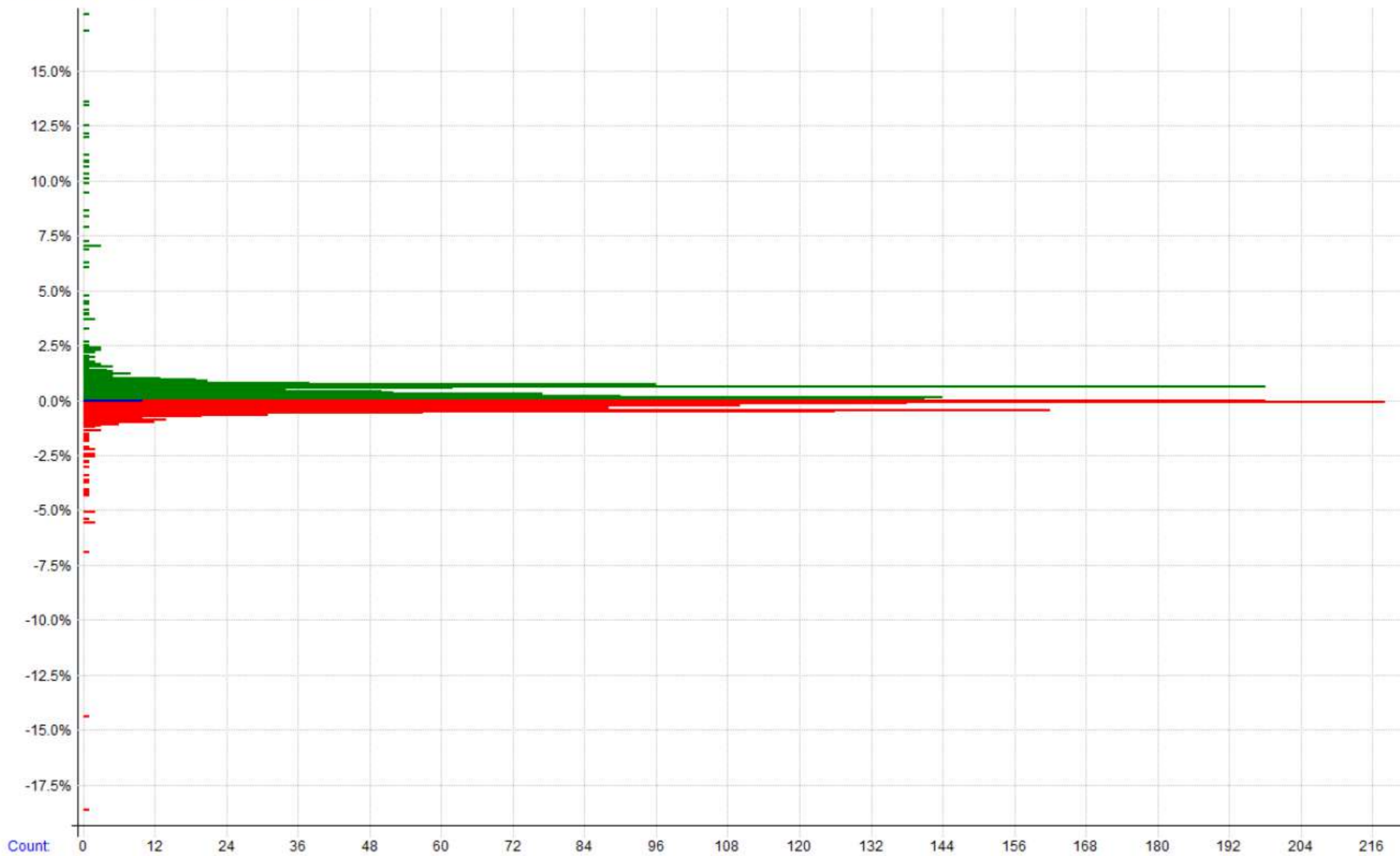


Test 140 - Combined - Monte Carlo %profit - 100 samples, showing best & worst 5

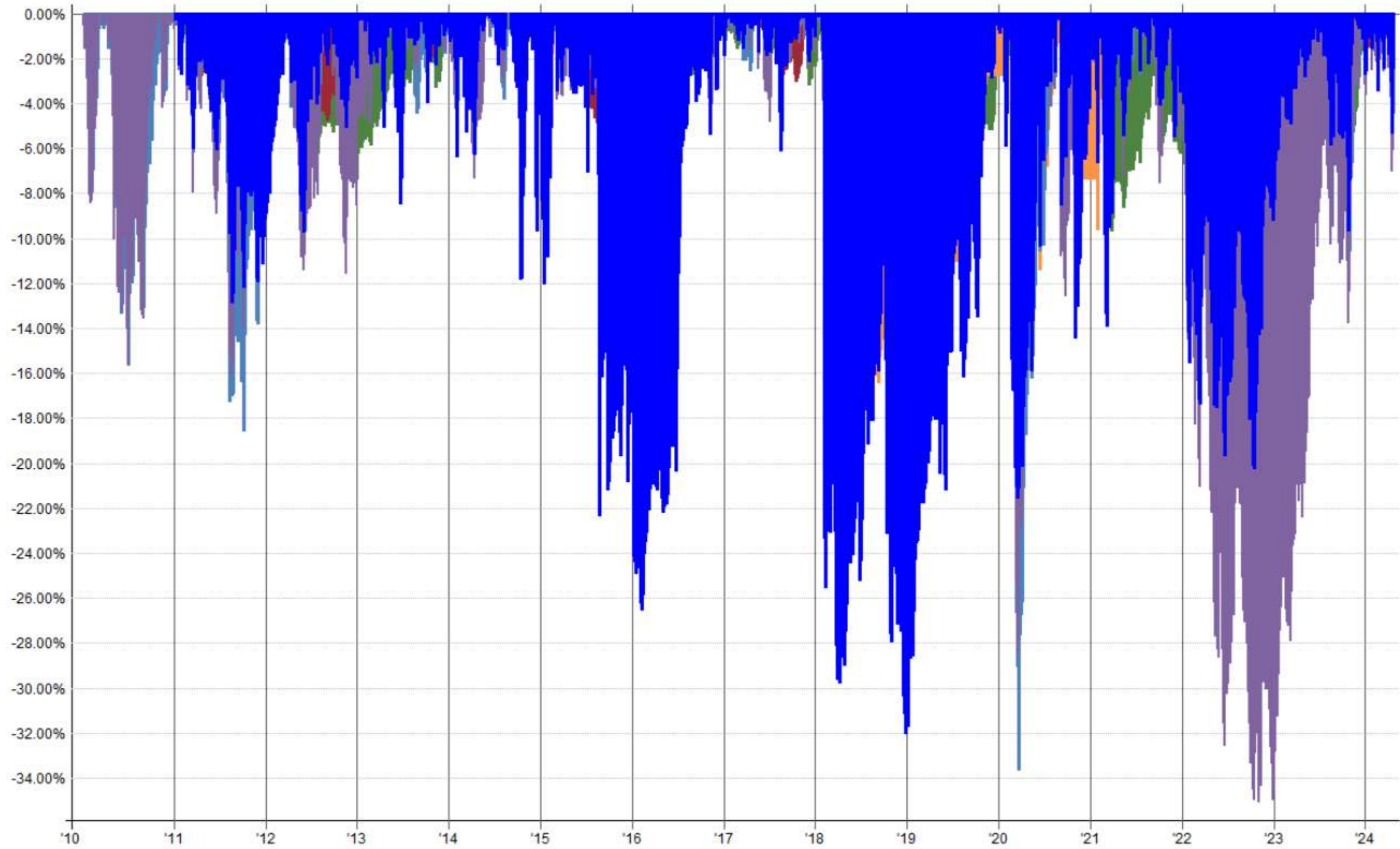


Trade:

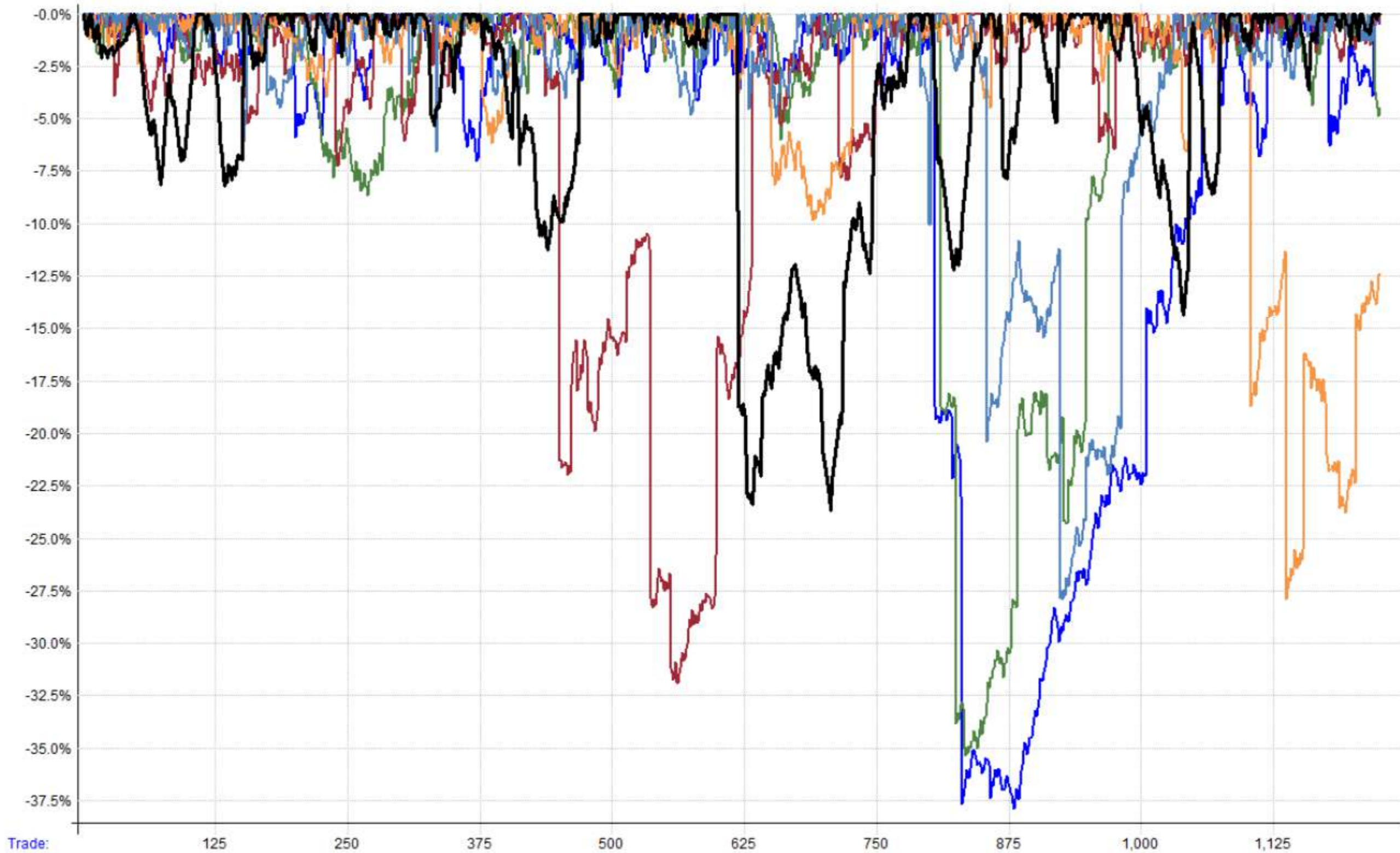
Test 140 - Combined - distribution of %excursions



Drawdown Momentum Breakout Volatility SP500 NAS100 Combined



Test 140 - Combined - Monte Carlo %drawdown - 100 samples, showing worst 5



Trade: