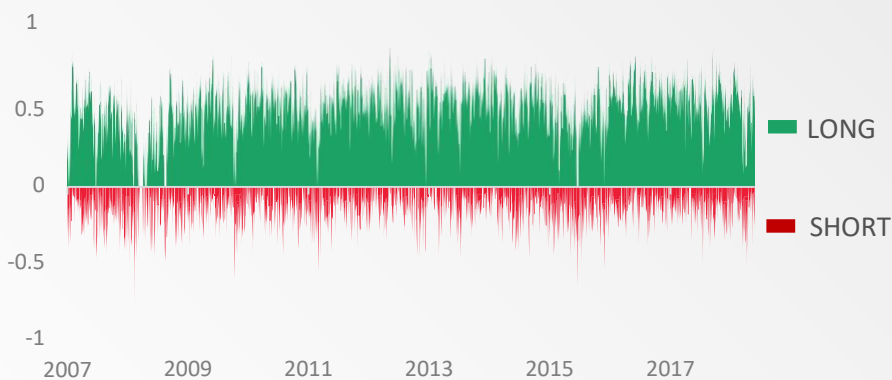


	Long	Short
Stop-loss	-5%	-5%
Target gain	+5%	+5%
Holding period	15 days	3 days
Leverage	1:1	1:1

Objective: The Portfolio's investment goal is to seek capital appreciation with lower volatility relative to the broad equity markets. The strategy seeks to achieve its investment goal by allocating its assets across several sectors, while buying and short-selling stocks.



The above chart describes the distribution of daily opened positions as long and as short. About 8000 stocks are analyzed on a daily basis, and ends up with best 1-2 stocks for long and best 1-2 stocks for shorting. Stocks which have dividends, splits & earnings 10 days prior to the forecasting day and 15 after it are avoided.

Base currency	USD
Benchmark	SP500
Annual return	9.3%
Cumulative returns	174.9%
Annual volatility	10.8%
Max drawdown	-14.5%
Sharpe ratio (3y)	1.3
Sharpe ratio (11y)	0.9
Alpha	0.08
Correlation	0.29

Calmar ratio	0.64
Stability	0.97
Omega ratio	1.16
Sortino ratio	1.30
Skew	0.11
Kurtosis	2.32
Tail ratio	1.05
Daily value at risk	1.3%
Beta	0.16
Long exposure	53.9%
Short exposure	12.4%

Top exposures
(relative to initial capital)

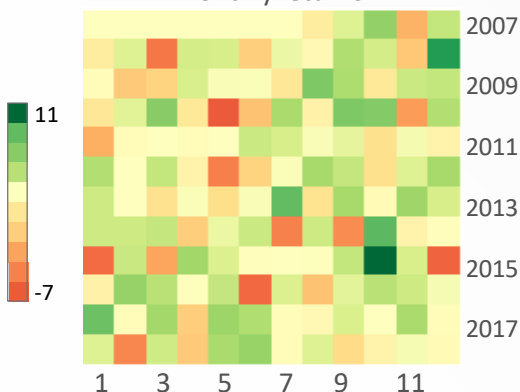
VNET	159.17%
CYOU	151.26%
SRPT	154.58%
ASPS	150.49%

Top performing stocks
(relative to initial capital)

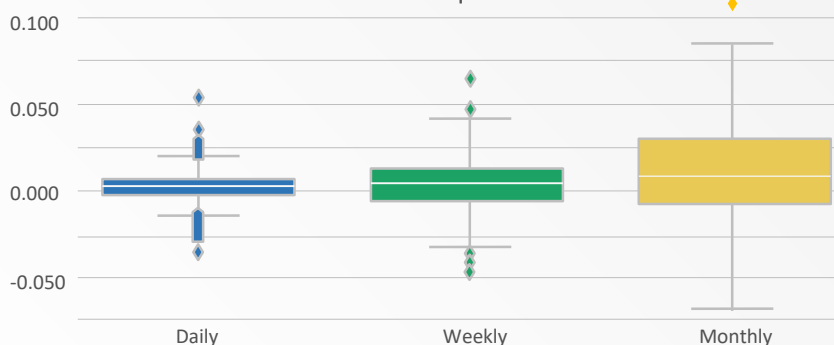
WTW	10.78%
FIVE	4.41%
BLUE	5.43%
HIIQ	4.05%

Stocks which have dividends, splits & earnings 10 days prior to the forecasting day and 15 after it are avoided. Returns are calculated after deducting sales charges and commissions.

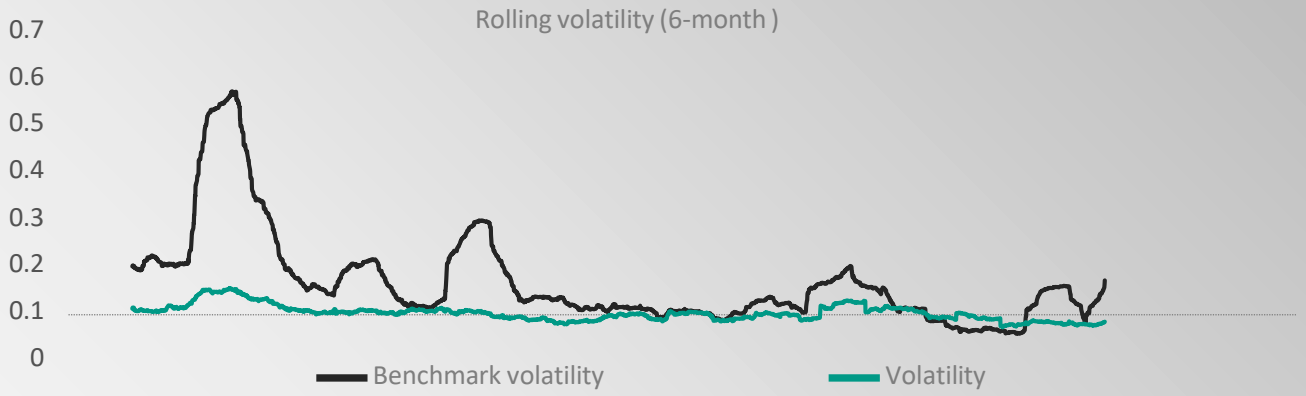
Monthly returns



Return quantile

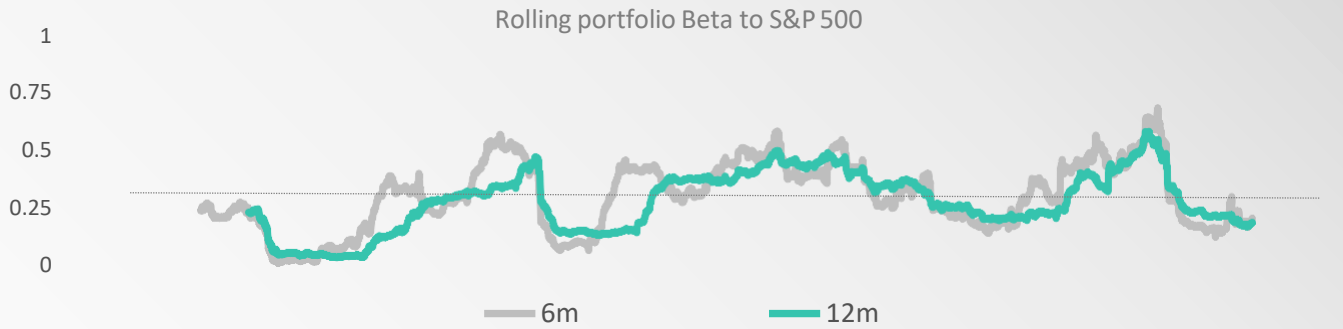


The distribution is positively skewed. More profits are generated than losses.

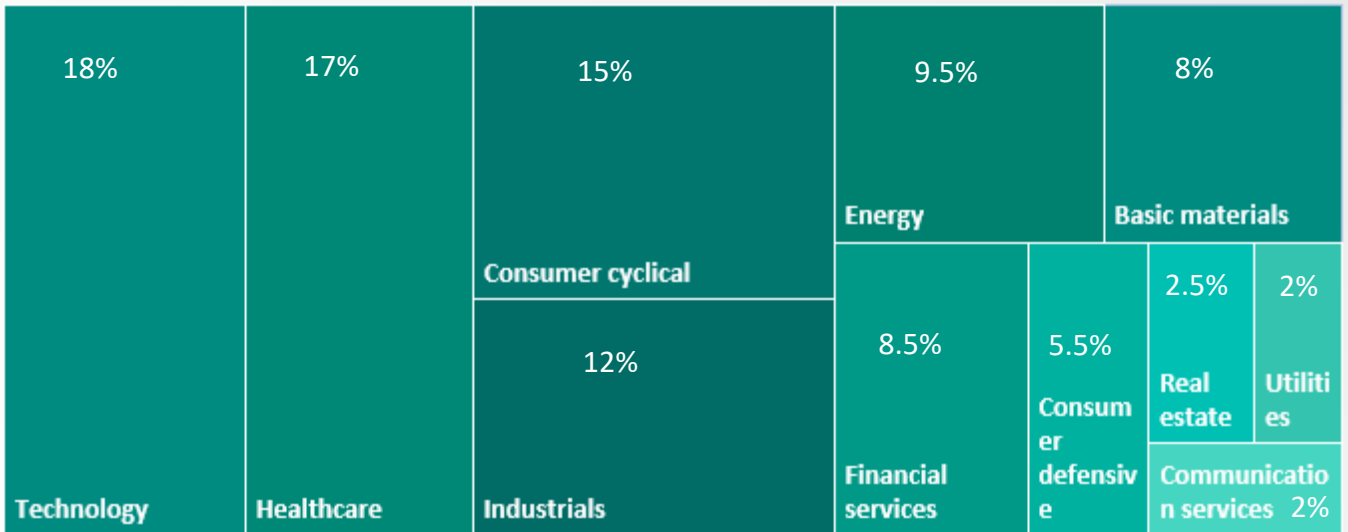


Volatility change over the life of the backtest, relative to the benchmark and to the average volatility of the portfolio

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Returns (%)	4.3	8.9	9.1	2.9	-1.5	8.00	13.5	6.9	7.8	11.7	22.4	1.2
Market returns	1.05	-36.1	22.56	13.24	0.96	14.23	29.08	14.7	1.4	13.67	20.8	-6.69
Sharpe ratio	0.96	0.68	0.77	0.32	-0.08	0.91	1.37	0.72	0.71	1.08	2.29	0.19
Market Sharpe ratio	0.22	-0.88	0.88	0.78	0.15	1.12	2.42	1.27	0.16	1.05	2.9	-0.33



Portfolio beta remained below one, leaving us lower systematic risk compared to the market.



The tree-map shows the distribution of sectors from which the traded stocks were chosen.

Drawdown Periods (Max Drawdown of S&P500 : 55%)

Drawdown magnitude (%)	Peak date	Valley date	Recovery date	Drawdown duration (days)
14.52	2010-04-14	2010-06-30	2011-09-09	368
12.94	2014-06-19	2015-03-30	2015-10-19	348
11.38	2012-03-26	2012-07-12	2012-12-18	192
11.29	2008-10-24	2008-11-21	2008-12-30	48
11.08	2015-11-27	2016-01-22	2016-03-21	82