



Performance Report – June 2019

Past performance, monthly reviews and investment cases are provided for the following:

- Volatility Strategy
- Conservative Volatility Strategy
- Traditional Asset Strategy
- Comprehensive Portfolio Strategy



June 2019

Many have claimed that US equity markets have been trading against conventional wisdom of late. Regardless of the events, traders and investors appear to be pushing prices higher. Whether the Federal Reserve cuts or hikes rates, equities seem to jump. The economy appears to be in great shape, yet the market is pricing in multiple rate cuts through 2019. It's important to remember that all of this is *noise*. Noise is any information or news that is not a signal. Our goal is to avoid the noise and focus on signals. Since we, as humans, have extreme biases and cannot adequately separate signal and noise, the ideal solution is to outsource decision making to an algorithm. The algorithm is based on signals we have derived from thousands of data points since the introduction of the VIX and its futures.

For us, it helps knowing that strategies that tend to outperform also tend to bring periods of high magnitude pain. We have confidence in our strategies and thus, have the patience required to trade them over long time horizons.

For more on the idea that outperformance requires patience and the ability to withstand pain, please read: <https://blog.thinknewfound.com/2016/11/outperforming-by-underperforming/>

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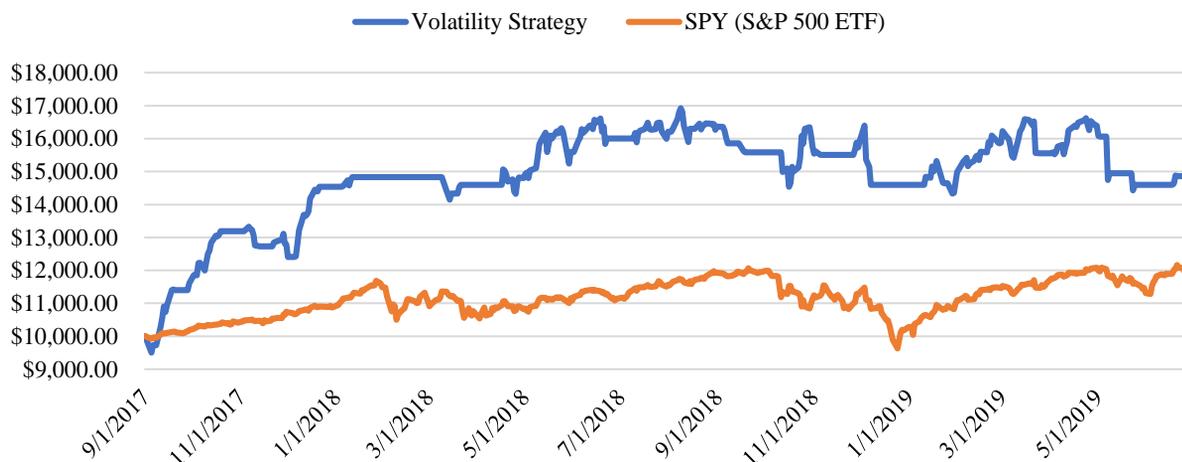
Volatility Strategy

Live performance since September 2017

The Volatility Strategy trades the ETNs/ETFs SVXY and VXX. SVXY seeks to track the .5x inverse of the performance of a synthetic 30 day weighted VIX future. VXX, on the other hand, seeks to track the performance of a synthetic 30 day weighted VIX future. These products are volatile, so a forward-looking strategy must focus on risk management above all else. Volatility is more predictable than day-to-day returns of the S&P 500 and this trend will, in all likelihood, continue.

The strategy aims to beat benchmark returns over a complete market cycle. While this is attainable in the volatility industry, maintaining these returns while reducing risk is the challenge. The strategy uses proprietary volatility signals to determine ideal market conditions for long volatility/short volatility trades. These signals are designed to adapt to any market condition, as we strive for performance over a long time horizon.

Volatility Strategy - Live Performance



Live Performance Report - Volatility Strategy

| Year | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | YTD |
|------|-------|-------|---------|-------|----------|-------|-------|-------|---------|--------|---------|---------|--------|
| 2017 | - | - | - | - | - | - | - | - | 16.08% | 13.60% | (3.00%) | 13.68% | 45.42% |
| 2018 | 2.00% | 0.00% | (1.60%) | 1.40% | 5.35% | 2.66% | 1.25% | 1.00% | (4.78%) | 1.18% | 1.05% | (8.38%) | 0.40% |
| 2019 | 2.67% | 5.91% | (2.00%) | 5.40% | (10.99%) | 1.78% | | | | | | | 1.76% |

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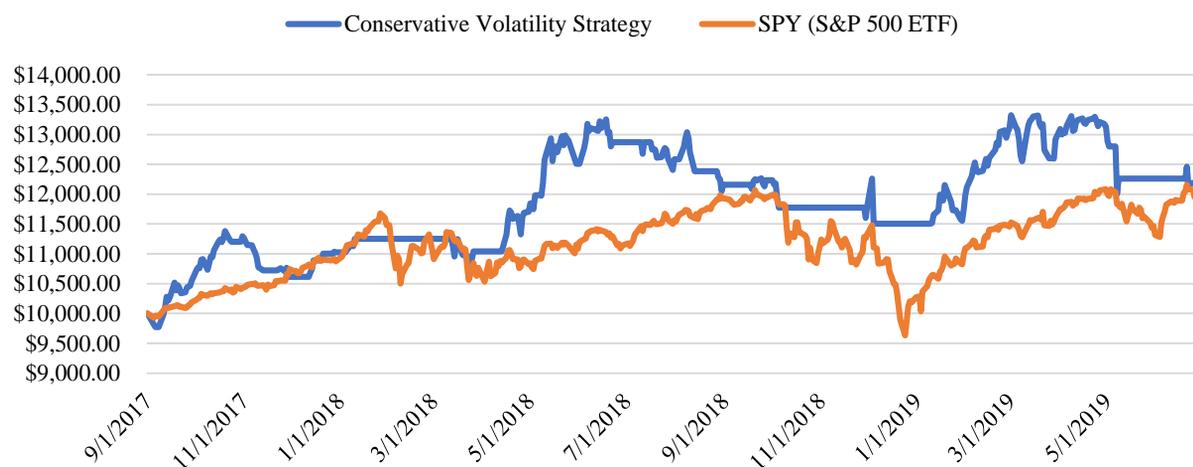
Conservative Volatility Strategy

Live performance since September 2017

The Conservative Volatility Strategy trades the ETNs/ETFs ZIV and VXZB. ZIV seeks to track the inverse of the performance of a synthetic 4th-7th month weighted VIX future. VXZB, on the other hand, seeks to track the performance of a synthetic 4th-7th month weighted VIX future. These products are less volatile than SVXY and VXX, but still volatile, so a forward-looking strategy must focus on performance and risk management.

Volatility is more predictable than day-to-day returns of the S&P 500 and this trend will, in all likelihood, continue. The strategy aims to beat benchmark returns over a complete market cycle. While this is attainable in the volatility industry, maintaining these returns while reducing risk is the challenge. Our strategy uses volatility signals to determine ideal market conditions for long volatility/short volatility trades. These signals are designed to adapt to any market condition, as we strive for performance over a long time horizon.

Conservative Volatility Strategy - Live Performance



Live Performance Report - Conservative Volatility Strategy

| Year | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | YTD |
|------|-------|-------|---------|-------|---------|---------|---------|---------|-------|---------|---------|---------|--------|
| 2017 | - | - | - | - | - | - | - | - | 5.51% | 7.08% | (6.06%) | 3.89% | 10.26% |
| 2018 | 2.03% | 0.00% | (1.86%) | 6.01% | 6.86% | 2.91% | (2.22%) | (3.41%) | 0.64% | (3.73%) | 0.28% | (2.57%) | 4.36% |
| 2019 | 4.23% | 9.32% | (1.43%) | 1.63% | (6.66%) | (0.57%) | | | | | | | 5.93% |

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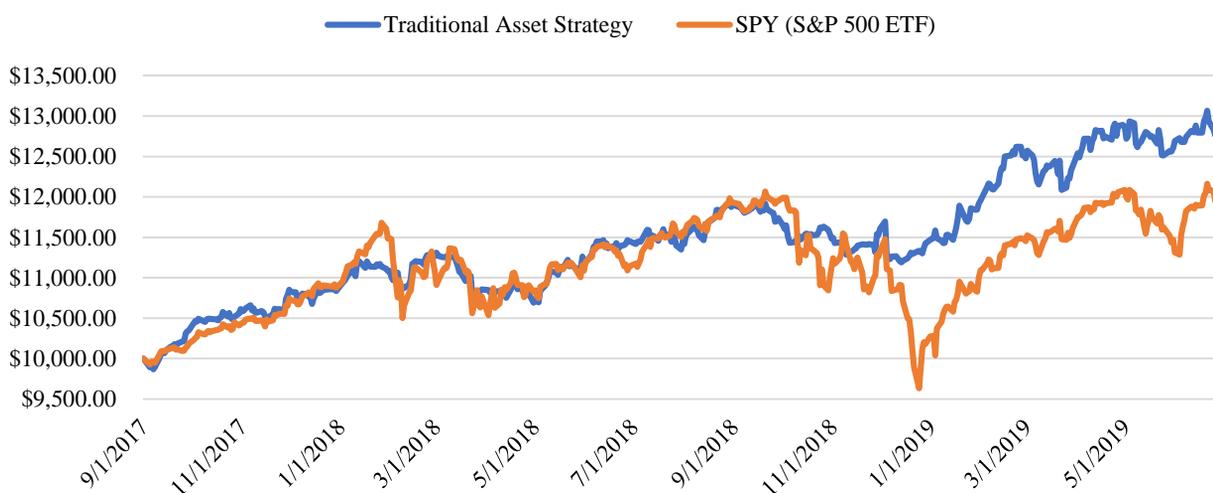
Traditional Asset Strategy

Live performance since September 2017

The Traditional Asset Strategy trades the ETNs/ETFs MDY, IEF, and IAU. MDY seeks to track the performance of the S&P Midcap 400. IEF seeks to track the returns of 7-10 year US Treasury Bonds. IAU aims to reflect the returns of the price of gold. These benchmarks can be purchased interchangeably to enhance returns while trading traditional assets.

Volatility is more predictable than day-to-day returns of the S&P 500 and this trend will, in all likelihood, continue. Having said that, there is a strong correlation between equities, bonds, gold, and volatility. Because of this, the Traditional Asset Strategy uses volatility signals to determine ideal market conditions for long equity, long gold, and long bond trades. This strategy aims to beat benchmark returns over a complete market cycle. These signals are designed to adapt to any market condition, as we strive for performance over a long time horizon.

Traditional Asset Strategy - Live Performance



Live Performance Report - Traditional Asset Strategy

| Year | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | YTD |
|------|-------|-------|---------|---------|---------|-------|-------|-------|---------|---------|-------|---------|--------|
| 2017 | - | - | - | - | - | - | - | - | 3.48% | 2.55% | 2.26% | (0.14%) | 8.36% |
| 2018 | 2.31% | 1.75% | (3.76%) | (1.51%) | 4.12% | 2.80% | 0.09% | 3.90% | (1.35%) | (2.20%) | 1.10% | (1.23%) | 5.82% |
| 2019 | 4.30% | 4.32% | (0.81%) | 3.97% | (1.37%) | 3.44% | | | | | | | 14.48% |

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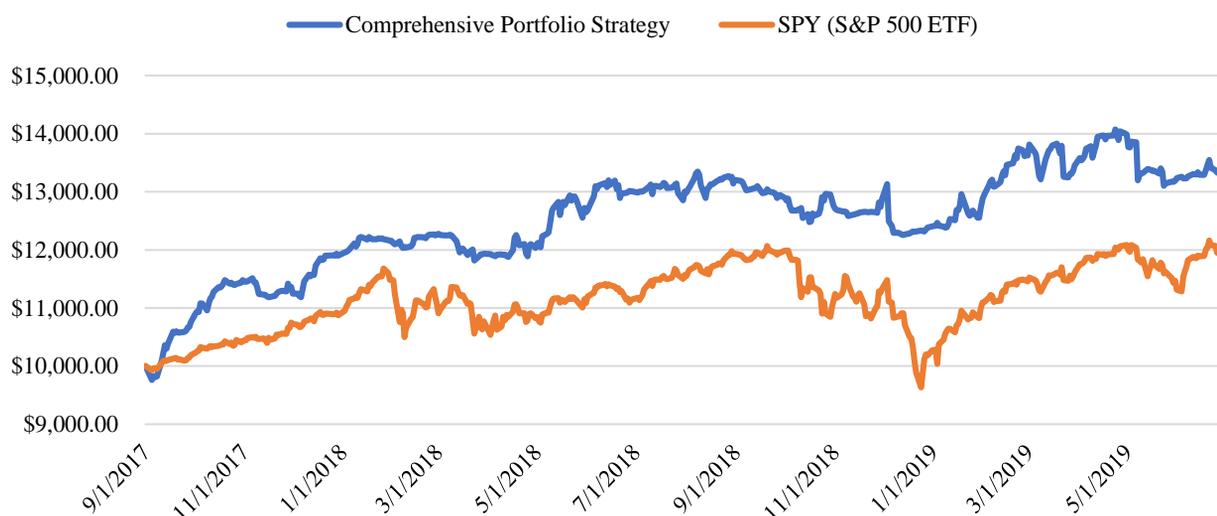
Comprehensive Portfolio Strategy

Live performance since September 2017

The Comprehensive Portfolio Strategy combines the Volatility, Traditional Asset, and Conservative Volatility strategies into a single, diversified portfolio. The weightings for each strategy are as follows: 50% allocated to the Traditional Asset Strategy, 30% allocated to the Volatility Strategy, and 20% allocated to the Conservative Volatility Strategy.

The Comprehensive Portfolio Strategy aims to reduce risk by diversifying across strategies. In addition, the strategy aims to beat benchmark returns over a complete market cycle.

Comprehensive Portfolio Strategy - Live Performance



Live Performance Report - Comprehensive Portfolio Strategy

| Year | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | YTD |
|------|-------|-------|---------|-------|---------|-------|---------|-------|---------|---------|---------|---------|--------|
| 2017 | - | - | - | - | - | - | - | - | 7.61% | 6.70% | (1.02%) | 4.69% | 18.98% |
| 2018 | 2.17% | 0.88% | (2.70%) | 0.85% | 5.11% | 2.80% | (0.01%) | 1.56% | (1.99%) | (1.43%) | 0.93% | (3.66%) | 4.26% |
| 2019 | 3.83% | 5.79% | (1.26%) | 3.94% | (5.34%) | 1.95% | | | | | | | 8.80% |

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