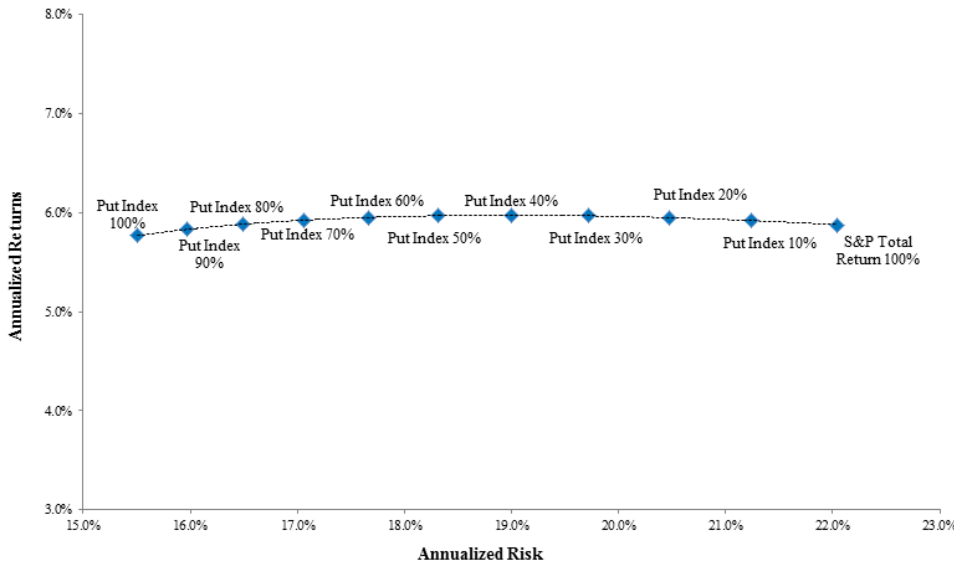


# IMPLEMENTING PUT WRITE STRATEGY IN EQUITY ALLOCATIONS

Gaurav Sinha – Associate Director, Asset Allocation and Modern Alpha  
03/17/2016

Markets often go through turbulent phases, and just like a sea captain can never know with 100% certainty when his ship will hit turbulent waters in vast oceans, an investor cannot predict volatile bouts in the markets all the time. Thus, a wise move for investors could be incorporating potential “shock absorbers” in portfolios. This may enable a smoother sail through turbulent markets. One such shock absorber, we believe, could be the [WisdomTree CBOE S&P 500 Putwrite Strategy Fund \(PUTW\)](#), which can provide a cushion to portfolio drawdowns during periods of equity corrections. Below, I want to highlight how complementing equity allocations with PUTW can help lower portfolio [volatility, especially during large market drawdowns](#). **Refreshing Put Write Strategy Basics** Before we get into the details of implementing PUTW in equity allocations, let’s take a step back to refresh on the strategy mechanics. The Fund tracks the [CBOE S&P 500 Putwrite Index \(PUT\)](#) and involves selling monthly S&P 500 [put options](#). These options are struck [at the money](#) on their [roll date](#) and can only be exercised on their [maturity date](#). Also, the PUTW Fund and options being sold are completely cash collateralized with one-month and three-month [Treasury bills](#). This means PUTW returns are expected to be positively correlated to [S&P 500 Index](#) returns by virtue of the options positions; however, physically the Fund only holds cash in the account from the [option premiums](#) it has sold. In other words, PUTW could be another way of getting [beta](#) to equity markets. **The question then becomes, how is it different?** The answer is that by selling put options, PUTW collects option premiums, and it is these premiums that act as a potential cushion on the downside. An investor getting beta to equities through PUTW has the same exposure on the downside as an investor buying investment vehicles that track the S&P 500 Index. However, PUTW has collected an upfront premium, and this could make the ride cushioned on the downside. **Lowering Volatility by Blending PUT Write in an Equity Portfolio** Now, the next question arises: How would my portfolio’s risk/return profile change by complementing my equity allocation with a put write strategy? The chart below conveys how blending the S&P 500 Index with PUT almost linearly decreases the annualized risk in the hypothetical index blend. An investor who complemented an equity allocation with a strategy using put writing may have realized lower volatility throughout this period. **Blending PUT Index with S&P Total Return Index All Time–06/20/2007–12/31/2015**



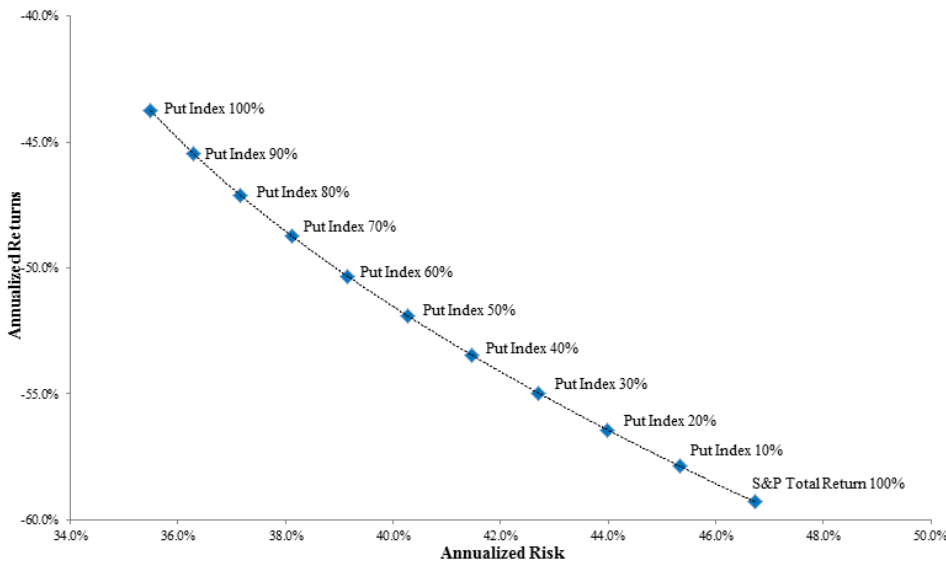
Period starts on 6/20/07, the inception date of PUT.  
 Source: Bloomberg, as of 12/31/15.

Past performance is not indicative of future results. You cannot invest directly in an index. Index performance does not represent actual fund or portfolio performance. A fund or portfolio may differ significantly from the securities included in the index. Index performance assumes reinvestment of dividends but does not reflect any management fees, transaction costs or other expenses that would be incurred by a portfolio or fund, or brokerage commissions on transactions in fund shares. Such fees, expenses and commissions could reduce returns.

**The Concern about**

**Big Crashes** Even more interesting is the answer to the next common question: How would this strategy perform during extreme market negative moves? To answer this, we focused on the crisis period starting in May 2008 and lasting through March 2009. During this time frame, the S&P 500 experienced its biggest drawdowns in recent history, finding its bottom in March 2009 before bouncing back again. Unprepared investors could have lost almost 60% of their equity allocations on an annualized basis during this time.<sup>1</sup> However, following the same chart format as above, the chart below shows that a hypothetical blending of PUT with the S&P 500 Index may have not only helped reduce risk but would have also had lower drawdowns or possibly better returns. This was a partial shock absorber to the market volatility. **Blending PUT Index with S&P Total Return Index**

**Peak of Financial Crisis-05/19/2008-03/09/2009**



Source: Bloomberg, as of 12/31/15.

Past performance is not indicative of future results. You cannot invest directly in an index. Index performance does not represent actual fund or portfolio performance. A fund or portfolio may differ significantly from the securities included in the index. Index performance assumes reinvestment of dividends but does not reflect any management fees, transaction costs or other expenses that would be incurred by a portfolio or fund, or brokerage commissions on transactions in fund shares. Such fees, expenses and commissions could reduce returns.

Investors who complement their current equity allocations with WisdomTree's PUTW Fund could maintain a positive beta to equity markets while mitigating overall risk in their allocations. We believe PUTW could provide smoother sailing during tough times in the markets. *Unless otherwise noted, data source is Bloomberg, as of 12/31/15.* <sup>1</sup>Source: Bloomberg.

**Important Risks Related to this Article**

There are risks associated with investing, including possible loss of principal. The Fund will invest in derivatives, including S&P 500 Index put options (“SPX puts”). Derivative investments can be volatile, and these investments may be less liquid than other securities, and more sensitive to the effects of varied economic conditions. The value of the SPX puts in which the Fund invests is partly based on the volatility used by market participants to price such options (i.e., implied volatility). Increases in the implied volatility of such options will cause their value to increase, which will result in a corresponding increase in the liabilities of the Fund and a decrease in the Fund’s NAV. Options may be subject to volatile swings in price influenced by changes in the value of the underlying instrument. The potential return of the Fund is limited to the amount of option premiums it receives; however, the Fund can potentially lose up to the entire strike price of each option it sells. Due to the investment strategy of the Fund, it may make higher capital gain distributions than other ETFs. Please read the Fund’s prospectus for specific details regarding the Fund’s risk profile.

WisdomTree Funds are distributed by Foreside Fund Services, LLC. Foreside Fund Services, LLC, is not affiliated with CBOE and S&P.

The CBOE S&P 500 Putwrite Index is a product of S&P Dow Jones Indices LLC or its affiliates (“SPDJI”) and CBOE and has been licensed for use by WisdomTree. Standard & Poor’s® and S&P® are registered trademarks of Standard & Poor’s Financial Services LLC (“S&P”); Dow Jones® is a registered trademark of Dow Jones Trademarks Holdings LLC (“Dow Jones”). These trademarks have been licensed for use by SPDJI and sublicensed for certain purposes by WisdomTree. CBOE® is a trademark of the Chicago Board Options Exchange, Incorporated, and has been licensed for use by SPDJI and WisdomTree. The WisdomTree CBOE S&P 500 Putwrite Strategy Fund is not sponsored, endorsed, sold or promoted by SPDJI, Dow Jones, S&P, their respective affiliates or the Chicago Board Options Exchange, Incorporated, and none of such parties make any representation regarding the advisability of investing in such product(s), nor do they have any liability for any errors, omissions or interruptions of the CBOE S&P 500 Putwrite Index.

For standardized performance and the most recent month-end performance click [here](#) NOTE, this material is intended for electronic use only. Individuals who intend to print and

physically deliver to an investor must print the monthly performance report to accompany this blog.

For more investing insights, check out our [Economic & Market Outlook](#)

view the online version of this article [here](#).

**IMPORTANT INFORMATION**

**U.S. investors only:** Click [here](#) to obtain a WisdomTree ETF prospectus which contains investment objectives, risks, charges, expenses, and other information; read and consider carefully before investing.

There are risks involved with investing, including possible loss of principal. Foreign investing involves currency, political and economic risk. Funds focusing on a single country, sector and/or funds that emphasize investments in smaller companies may experience greater price volatility. Investments in emerging markets, currency, fixed income and alternative investments include additional risks. Please see prospectus for discussion of risks.

Past performance is not indicative of future results. This material contains the opinions of the author, which are subject to change, and should not to be considered or interpreted as a recommendation to participate in any particular trading strategy, or deemed to be an offer or sale of any investment product and it should not be relied on as such. There is no guarantee that any strategies discussed will work under all market conditions. This material represents an assessment of the market environment at a specific time and is not intended to be a forecast of future events or a guarantee of future results. This material should not be relied upon as research or investment advice regarding any security in particular. The user of this information assumes the entire risk of any use made of the information provided herein. Neither WisdomTree nor its affiliates, nor Foreside Fund Services, LLC, or its affiliates provide tax or legal advice. Investors seeking tax or legal advice should consult their tax or legal advisor. Unless expressly stated otherwise the opinions, interpretations or findings expressed herein do not necessarily represent the views of WisdomTree or any of its affiliates.

The MSCI information may only be used for your internal use, may not be reproduced or re-disseminated in any form and may not be used as a basis for or component of any financial instruments or products or indexes. None of the MSCI information is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such. Historical data and analysis should not be taken as an indication or guarantee of any future performance analysis, forecast or prediction. The MSCI information is provided on an “as is” basis and the user of this information assumes the entire risk of any use made of this information. MSCI, each of its affiliates and each entity involved in compiling, computing or creating any MSCI information (collectively, the “MSCI Parties”) expressly disclaims all warranties. With respect to this information, in no event shall any MSCI Party have any liability for any direct, indirect, special, incidental, punitive, consequential (including loss profits) or any other damages ([www.msci.com](http://www.msci.com))

Jonathan Steinberg, Jeremy Schwartz, Rick Harper, Christopher Gannatti, Bradley Krom, Tripp Zimmerman, Michael Barrer, Anita Rausch, Kevin Flanagan, Brendan Loftus, Joseph Tenaglia, Jeff Weniger, Matt Wagner, Alejandro Saltiel, Ryan Krystopowicz, Jianing Wu, and Brian Manby are registered representatives of Foreside Fund Services, LLC.

WisdomTree Funds are distributed by Foreside Fund Services, LLC, in the U.S. only. You cannot invest directly in an index.

## DEFINITIONS

**Volatility**: A measure of the dispersion of actual returns around a particular average level.&nbsp;

**CBOE S&P 500 Putwrite Index (PUT)**: Measures the performance of a hypothetical portfolio that sells S&P 500 Index (SPX) put options against collateralized cash reserves held in a money market account. The PUT strategy is designed to sell a sequence of one-month, at-the-money, S&P 500 Index puts and invest cash at one- and three-month Treasury Bill Rates. The number of puts sold varies from month to month but is limited so that the amount held in Treasury Bills can finance the maximum possible loss from final settlement of the SPX puts.

**Put options**: an option to sell assets at an agreed price on or before a particular date.

**“At the money”**: option’s strike price is identical to the price of the underlying security.

**Rolling**: trading out of a security that is close to maturing and into the same or similar security with a later maturity date.

**Maturity**: The amount of time until a loan is repaid.

**Treasury Bill**: A treasury bill (T-Bill) is a short-term debt obligation backed by the U.S. government with a maturity of one month (four weeks), three months (13 weeks) or six months (26 weeks).

**S&P 500 Index**: Market capitalization-weighted benchmark of 500 stocks selected by the Standard and Poor’s Index Committee designed to represent the performance of the leading industries in the United States economy.

**Option premium**: The current price of any specific option contract that has yet to expire.

**Beta**: A measure of the volatility of a security or a portfolio in comparison to a benchmark. In general, a beta less than 1 indicates that the investment is less volatile than the benchmark, while a beta more than 1 indicates that the investment is more volatile than the benchmark.