WISDOMTREE'S EUROPEAN BARBELL STRATEGY

Jeremy Schwartz - Global Chief Investment Officer 07/29/2019

European equities have really been out of favor. Flows to European stocks dried up in 2017 and 2018 as the $\underline{S\&P}$ 500 Index was the best (only) game in town, powered by the large-cap technology companies that Europe frankly lacks.

But new leadership at the European Central Bank (ECB) is motivating a fresh look at the policy tools available for the central bank, and WisdomTree believes European markets will find support over the coming 12 to 18 months.

What is the best exposure to Europe for a more <u>bullish</u> view?

In a previous blog post, <u>we highlighted how European multi-nationals</u> in the <u>WisdomTree Europe Hedged Equity Fund (HEDJ)</u> neutralize exposure to the euro while also underweighting banks, which have been stung by slow economic growth and negative interest rates.

The European Barbell

For those who desire exposure to firms that are oriented to the local economy, we recommend a WisdomTree European Barbell: 50% exposure to European small-caps through the WisdomTree Europe SmallCap Dividend Fund (DFE), combined with 50% in HEDJ.

over the last seven years (the start of which coincides with the repositioning of HEDJ to focus on euro-traded companies), small-cap European companies have outperformed large-caps, as represented by the MSCI Europe Index, by approximately 500 basis points (bps) per year-a dramatic spread. The beginning of this period also coincides with Mario Draghi's famous speech in which he said that the ECB would do "whatever it takes" to support the eurozone, which helped ignite risk assets higher.

DFE exhibits higher <u>beta</u> and risk levels than HEDJ, because small-caps are more closely tied into the local and cyclical part of Europe's economy. However, the 50/50 barbell with HEDJ interestingly had lower overall <u>volatility</u> than the broad MSCI Europe Index and a .92 beta to MSCI Europe but 470 basis points of average annual outperformance.



Annualized Summary Statistics: September 2012 - June 2019								
Fund/Index	Return (%)	Std Dev (%)	Downside Risk (%)	Beta vs. Market	Alpha vs. Market (%)	Sharpe Ratio	Vs. Market	
50%HEDJ/50%DFE	11.3%	12.9%	9.3%	0.92	5.1%	0.83	4.9%	
WisdomTree Europe Hedged Equity ETF (NAV)	10.8%	13.6%	9.8%	0.82	5.3%	0.75	8.6%	
WisdomTree Europe SmallCap Dividend ETF (NAV)	11.5%	14.7%	10.4%	1.01	4.7%	0.74	6.5%	
MSCI Europe (Net)	6.6%	13.1%	9.3%	1.00	-	0.46	-	

Return: September 2012 - June 2019 (not annualized if less than 1 year)						
Fund/Index	YTD	1 year	3 years	5 years		
50%HEDJ/50%DFE	15.8%	(0.4%)	10.8%	5.3%		
WisdomTree Europe Hedged Equity ETF (NAV)	18.9%	6.3%	12.3%	7.3%		
WisdomTree Europe SmallCap Dividend ETF (NAV)	12.6%	(7.2%)	8.8%	2.9%		
MSCI Europe (Net)	15.8%	1.9%	9.1%	1.3%		
MSCI EMU (Net)	16.0%	(0.5%)	10.5%	1.5%		

Sources: WisdomTree, Zephyr StyleAdvisor. Performance is historical and does not guarantee future results. Current performance may be lower or higher than quoted. Investment returns and principal value of an investment will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. Performance data for the most recent month-end is available at wisdomtree.com.

WisdomTree shares are bought and sold at market price (not NAV) and are not individually redeemed from the Funds. Total returns are calculated using the daily 4:00 p.m. ET net asset value (NAV). Market price returns reflect the midpoint of the bid/ask spread as of the close of trading on the exchange where Fund shares are listed. Market price returns do not represent the returns you would receive if you traded shares at other times.

For standardized performance of each Fund mentioned in the table, please click their respective tickers: <u>HEDJ</u>, <u>DFE</u>.

Small-Cap Attribution

With growth in Europe having been slow over the last seven years, why did small-caps outperform large-caps by so much-particularly during a time when small-caps had dreadful performance in the U.S.?

Going back 10 years in Europe, small-caps had more technology exposure than large-caps-about 3x as much, on average. Technology contributed over 100 of the 500 bps of DFE's outperformance relative to the MSCI Europe Index.

Less exposure to large-cap banks also led to dramatic stock selection outperformance in the Financials sector for DFE relative to MSCI Europe.

More exposure to Industrials as well as the better performance of those stocks was another key contributing factor-demonstrating how cyclical improvement can help this basket in the future.

WisdomTree Europe SmallCap Dividend Index vs. MSCI Europe Index: 10-YR Sector Attribution									
	Attribution Components			Average Category Weight			Category Performance		
Category	Allocation	Stock Selection	Interaction	Total Attribution	Index Weight	Benchmark Weight	+/- Wgt	WT Index Return	Benchmark Return
Information Technology	0.15%	0.24%	0.68%	1.07%	10.10%	3.69%	6.42%	18.47%	9.92%
Industrials	0.63%	0.14%	0.26%	1.04%	26.79%	11.52%	15.27%	11.79%	10.35%
Financials	0.33%	0.82%	(0.48%)	0.67%	12.68%	20.19%	(7.51%)	6.85%	2.85%
Materials	0.04%	0.58%	(0.01%)	0.62%	7.70%	8.11%	(0.42%)	14.87%	7.01%
Communication Services	0.04%	0.84%	(0.34%)	0.54%	5.07%	7.00%	(1.93%)	15.22%	3.52%
Real Estate	0.12%	0.06%	0.21%	0.38%	6.38%	1.15%	5.23%	13.06%	8.35%
Utilities	0.11%	0.34%	(0.08%)	0.38%	2.99%	4.47%	(1.48%)	11.54%	2.80%
Energy	0.26%	0.06%	(0.03%)	0.29%	2.84%	9.34%	(6.49%)	0.77%	3.76%
Health Care	(0.19%)	0.82%	(0.60%)	0.03%	3.77%	12.43%	(8.65%)	16.37%	10.37%
Consumer Staples	(0.12%)	0.58%	(0.45%)	0.01%	6.75%	13.77%	(7.02%)	14.19%	10.68%
Consumer Discretionary	0.45%	(0.32%)	(0.39%)	(0.27%)	14.93%	8.32%	6.60%	7.43%	11.57%
Total	1.82%	4.16%	(1.23%)	4.76%	-	-		11.75%	6.99%

Sources: WisdomTree, FactSet, 6/30/09–6/30/19. 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



Attractive Fundamentals

While the historical returns of the WisdomTree European Barbell present a very compelling case for the past seven years, what about its future prospects?

Fundamentals Comparison								
Fundamental	HEDJ	DFE	HEDJ / DFE Blended	MSCI Europe Index				
Large Cap Weight	89.77%	0.00%	44.88%	89.94%				
Mid Cap Weight	9.85%	19.28%	14.56%	10.06%				
Small Cap Weight	0.38%	80.72%	40.55%	0.00%				
Dividend Yield	3.13%	4.92%	4.03%	3.58%				
Price-to-Earnings	13.3x	12.2x	12.7x	15.5x				
Est. Price-to-Earnings	13.1x	11.2x	12.1x	13.8x				
Price-to-Book	1.7x	1.4x	1.5x	1.8x				
Price-to-Sales	1.0x	0.6x	0.7x	1.2x				
Price-to-Cash Flow	6.2x	9.5x	7.6x	8.2x				
Return-on-Equity	12.93%	11.15%	12.04%	11.45%				
Return-on-Assets	1.96%	1.89%	1.92%	1.53%				

Sources: WisdomTree, FactSet, as of 6/30/19. Weights subject to change.

Historical outperformance did not lead to extended multiples, causing fear of <u>mean rever</u> <u>sion</u>.

Due to WisdomTree's <u>dividend-weighted</u>, relative value rebalancing process, the WisdomTree European Barbell maintains a strong value tilt and advantage at the present time.

We emphasize the current 12-13x <u>price-to-earnings (P/E) ratios</u> of both HEDJ and DFE, compared to 15.5x for MSCI Europe.

Even better, these discounts do not come with a sacrifice in overall portfolio quality metrics—the WisdomTree European Barbell exhibits both a higher <u>return on equity (ROE)</u> and <u>return on assets (ROA)</u> compared to the MSCI Europe Index.

Summarizing the case:

- HEDJ's focus on multinationals and global companies makes it well positioned for a bottoming of global growth conditions as China stimulates its economy, and as other central banks loosen monetary policy and have globally coordinated lower rates.
- DFE compliments HEDJ nicely with the more cyclical, local European economy exposure of small-caps, higher betas to growth of Europe, as well as overall attractive fundamental characteristics and past return profiles.

Important Risks Related to this Article

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For the top 10 holdings of DFE please visit the Fund's fund detail page at https://www.w isdomtree.com/investments/etfs/equity/dfe

For the top 10 holdings of HEDJ please visit the Fund's fund detail page at https://www.wisdomtree.com/investments/etfs/equity/hedj

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DEFINITIONS

<u>S&P 500 Index</u>: 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.

Bullish: a position that benefits when asset prices rise.

<u>Small caps</u>: new or relatively young companies that typically have a market capitalization between \$200 million to \$2 billion.

MSCI Europe Index : A free float-adjusted market capitalization-weighted index designed to measure the performance of developed equity markets in Europe.

Basis point : 1/100th of 1 percent.

<u>Beta</u>: 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.

Volatility: A measure of the dispersion of actual returns around a particular average level. .

Fundamentals: Attributes related to a company's actual operations and production as opposed to changes in share price.

Mean reversion: The concept that a series of returns has a tendency to return to its average level over longer periods, even if shorter periods can exhibit wide swings.

Dividend weighted: Constituent securities represented within the Index in proportion to their contribution to the dividend stream of the Index.

<u>Price-to-earnings (P/E) ratio</u>: Share price divided by earnings per share. Lower numbers indicate an ability to access greater amounts of earnings per dollar invested.

Return on Equity (ROE): Measures a corporation's profitability by revealing how much profit a company generates with the money shareholders have invested.

Return on assets (ROA): Firm profits (after accounting for all expenses) divided by the firm's total assets. Higher numbers indicate greater profits relative to the level of assets utilized to generate them.

