BEST & WORST FUNDS

10/22/19

ETF & Mutual Fund Rankings: All Cap Value Style

The All Cap Value style ranks fourth out of the twelve fund styles as detailed in our 4Q19 Style Ratings for ETFs and Mutual Funds report. Last quarter, the All Cap Value style ranked fourth as well. It gets our Neutral rating, which is based on an aggregation of ratings of 34 ETFs and 425 mutual funds in the All Cap Value style as of October 18, 2019. See a recap of our 3Q19 Style Ratings here.

Figures 1 and 2 show the five best and worst rated ETFs and mutual funds in the style. Not all All Cap Value style ETFs and mutual funds are created the same. The number of holdings varies widely (from 21 to 1618). This variation creates drastically different investment implications and, therefore, ratings.

Get the best fundamental research

Investors seeking exposure to the All Cap Value style should buy one of the Attractive-or-better rated ETFs or mutual funds from Figures 1 and 2.

Our Robo-Analyst technology¹ empowers our unique ETF and mutual fund rating methodology, which leverages our rigorous analysis of each fund's holdings.² Only our research utilizes the superior data and earnings adjustments featured by the HBS & MIT Sloan paper, "Core Earnings: New Data and Evidence." We think advisors and investors focused on prudent investment decisions should include analysis of fund holdings in their research process for ETFs and mutual funds.

Figure 1: ETFs with the Best & Worst Ratings - Top 5

	Allocation of ETF Holdings					
Ticker	Attractive- or-better Stocks	Neutral Stocks	Unattractive- or-worse Stocks	Predictive Rating		
Best ETFs						
FVAL	50%	36%	13%	Very Attractive		
COWZ	62%	28%	8%	Very Attractive		
DVP	54%	41%	4%	Very Attractive		
FTA	43%	40%	15%	Very Attractive		
VLUE	39%	48%	12%	Very Attractive		
Worst ETFs						
LVHD	21%	43%	34%	Neutral		
EQRR	31%	44%	24%	Neutral		
RPV	28%	46%	24%	Neutral		
KNOW	42%	28%	27%	Neutral		
DVOL	4%	42%	54%	Neutral		

^{*} Best ETFs exclude ETFs with TNAs less than \$100 million for inadequate liquidity.

Sources: New Constructs, LLC and company filings

Arrow QVM Equity Factor ETF (QVM), Principal Shareholder Yield ETF (PY) and WBI Power Factor High Dividend ETF (WBIY) are excluded from Figure 1 because their total net assets (TNA) are below \$100 million and do not meet our liquidity minimums.

¹ Harvard Business School features the powerful impact of our research automation technology in the case New Constructs: Disrupting Fundamental Analysis with Robo-Analysts.

² This paper compares our analytics on a mega cap company to other major providers. The Appendix details exactly how we stack up.



Figure 2: Mutual Funds with the Best & Worst Ratings - Top 5

	Allocation	of Mutual F				
Ticker	Attractive- or-better Stocks	Neutral Stocks	Unattractive- or-worse Stocks	Predictive Rating		
Best Mutual Funds						
DCURX	69%	30%	0%	Very Attractive		
DCUSX	69%	30%	0%	Very Attractive		
DCUIX	69%	30%	0%	Very Attractive		
DCUTX	69%	30%	0%	Very Attractive		
DCUCX	69%	30%	0%	Very Attractive		
Worst Mutual Funds						
MGWAX	20%	36%	42%	Very Unattractive		
TWQCX	21%	32%	36%	Very Unattractive		
MOATX	9%	23%	32%	Very Unattractive		
CASTX	9%	23%	32%	Very Unattractive		
TWQAX	21%	32%	36%	Very Unattractive		

^{*} Best mutual funds exclude funds with TNAs less than \$100 million for inadequate liquidity.

Sources: New Constructs, LLC and company filings

Fidelity Covington Trust Value Factor ETF (FVAL) is the top-rated All Cap Value ETF and Deutsche DWS CROCI U.S. Fund (DCURX) is the top-rated All Cap Value mutual fund. Both earn a Very Attractive rating.

First Trust Dorsey Wright Momentum & Low Volatility ETF (DVOL) is the worst rated All Cap Value ETF and Transamerica Large Value Fund (TWQAX) is the worst rated All Cap Value mutual fund. DVOL earns a Neutral rating and TWQAX earns a Very Unattractive rating.

The Danger Within

Buying a fund without analyzing its holdings is like buying a stock without analyzing its business and finances. Put another way, research on fund holdings is necessary due diligence because a fund's performance is only as good as its holdings' performance. Don't just take our word for it, see what Barron's says on this matter.

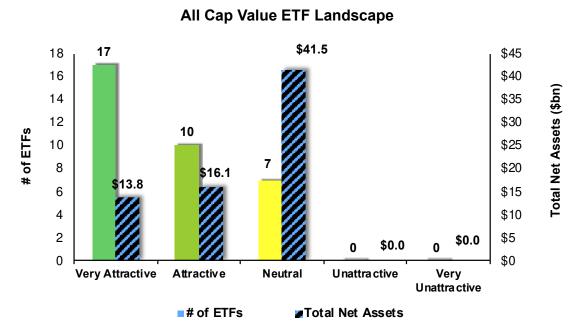
PERFORMANCE OF HOLDINGS = PERFORMANCE OF FUND

Analyzing each holding within funds is no small task. Our Robo-Analyst technology enables us to perform this diligence with scale and provide the research needed to fulfill the fiduciary duty of care. More of the biggest names in the financial industry (see At BlackRock, Machines Are Rising Over Managers to Pick Stocks) are now embracing technology to leverage machines in the investment research process. Technology may be the only solution to the dual mandate for research: cut costs and fulfill the fiduciary duty of care. Investors, clients, advisors and analysts deserve the latest in technology to get the diligence required to make prudent investment decisions.



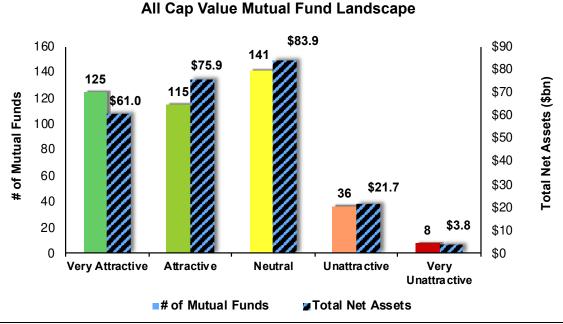
Figures 3 and 4 show the rating landscape of all All Cap Value ETFs and mutual funds.

Figure 3: Separating the Best ETFs from the Worst Funds



Sources: New Constructs, LLC and company filings

Figure 4: Separating the Best Mutual Funds from the Worst Funds



Sources: New Constructs, LLC and company filings

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Disclosure: David Trainer, Kyle Guske II, and Sam McBride receive no compensation to write about any specific stock, style, or theme.

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Footnotes adjustments matter. We are the ONLY source.

We provide ratings, models, reports & screeners on U.S. 3,000 stocks, 700 ETFs and 7,000 mutual funds.

HBS & MIT Sloan research reveals that:

- Markets are inefficiently assessing earnings because no one reads the footnotes.
- Our technology brings the material footnotes data to market for the first time ever.

Combining human expertise with NLP/ML/AI technologies (<u>featured by Harvard Business School</u>), we shine a light in the dark corners (e.g. footnotes) of hundreds of thousands of financial filings to unearth critical details.

The HBS & MIT Sloan paper, <u>Core Earnings: New Data and Evidence</u>, shows how our superior data drives uniquely comprehensive and independent debt and equity research.

This paper compares our analytics on a mega cap company to other major providers. The Appendix details exactly how we stack up.

Quotes from HBS & MIT Sloan professors on our research:

Get better research:

"...the NC dataset provides a novel opportunity to study the properties of non-operating items disclosed in 10-Ks, and to examine the extent to which the market impounds their implications." – page 19

Pick better stocks:

"Trading strategies that exploit cross-sectional differences in firms' transitory earnings produce abnormal returns of 7-to-10% per year." – Abstract

Avoid losses from using other firms' data:

"...many of the income-statement-relevant quantitative disclosures collected by NC do not appear to be easily identifiable in Compustat..." – page 13

Build better models:

"Core Earnings [calculated using New Constructs' novel dataset] provides predictive power for various measures of one-year-ahead performance...that is incremental to their current-period counterparts." – page 3-4

Exploit market inefficiencies:

"These results suggest that the adjustments made by analysts to better capture core earnings are incomplete, and that the non-core items identified by NC produce a measure of core earnings that is incremental to alternative measures of operating performance in predicting an array of future income measures." – page 26

Fulfill fiduciary duties:

"An appropriate measure of accounting performance for purposes of forecasting future performance requires detailed analysis of all quantitative performance disclosures detailed in the annual report, including those reported only in the footnotes and in the MD&A." – page 31



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