BEST & WORST FUNDS

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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 <u>2Q18 Style Ratings for ETFs</u> and <u>Mutual Funds</u> report. <u>Last quarter</u>, the All Cap Value style ranked fifth. It gets our Neutral rating, which is based on an aggregation of ratings of 19 ETFs and 367 mutual funds in the All Cap Value style as of April 16, 2018. See a recap of our <u>1Q18 Style Ratings here.</u>

Figures 1 and 2 show the 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 17 to 1460). This variation creates drastically different investment implications and, therefore, ratings.

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 <u>Robo-Analyst technology</u>¹ empowers our unique <u>ETF and mutual fund rating methodology</u>, which leverages our rigorous analysis of each fund's holdings.² 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

	Allocation of ETF Holdings					
Ticker	Attractive- or-better Stocks	Neutral Stocks	Unattractive- or-worse Stocks	Predictive Rating		
Best ETFs						
QVAL	63%	35%	2%	Very Attractive		
DVP	51%	49%	0%	Very Attractive		
LVHD	38%	42%	19%	Very Attractive		
CDC	35%	46%	18%	Very Attractive		
FNDB	28%	43%	28%	Attractive		
Worst ETFs (only 4)						
PRF	26%	45%	28%	Neutral		
KNOW	31%	38%	22%	Neutral		
VONV	24%	41%	35%	Neutral		
IWD	24%	40%	35%	Neutral		

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

Sources: New Constructs, LLC and company filings

Six ETFs 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 <u>New Constructs: Disrupting Fundamental Analysis with Robo-Analysts</u>.

² Ernst & Young's recent white paper "Getting ROIC Right" proves the superiority of our holdings research and analytics.



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						
FIDFX	40%	48%	11%	Very Attractive		
FMPOX	40%	48%	11%	Very Attractive		
FSMVX	40%	48%	11%	Very Attractive		
FMPEX	40%	48%	11%	Very Attractive		
FLVEX	34%	41%	22%	Very Attractive		
Worst Mutual Funds						
ATVAX	20%	39%	31%	Very Unattractive		
NQVAX	19%	26%	46%	Very Unattractive		
ICDAX	18%	30%	23%	Very Unattractive		
ICDBX	18%	30%	23%	Very Unattractive		
COPLX	7%	59%	33%	Very Unattractive		

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

Sources: New Constructs, LLC and company filings

O'Shaughnessy Market Leaders Value Fund (OFVIX) and Advisory Research Global Dividend Fund (ADVWX) are excluded from Figure 2 because their total net assets (TNA) are below \$100 million and do not meet our liquidity minimums.

Alpha Architect U.S. Quantitative Value ETF (QVAL) is the top-rated All Cap Value ETF and Fidelity Advisor Mid Cap Value Fund (FIDFX) is the top-rated All Cap Value mutual fund. Both earn a Very Attractive rating.

iShares Russell 1000 Value ETF (IWD) is the worst rated All Cap Value ETF and Copley Fund (COPLX) is the worst rated All Cap Value mutual fund. IWD earns a Neutral rating and COPLX 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.

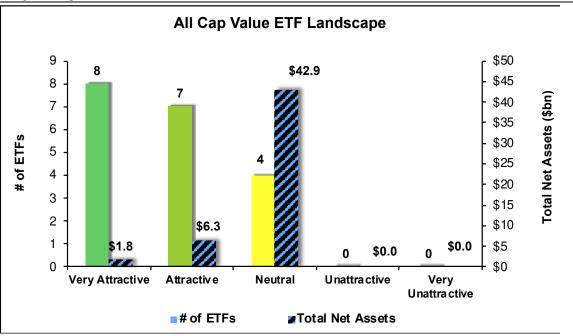
PERFORMANCE OF HOLDINGs = PERFORMANCE OF FUND

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.



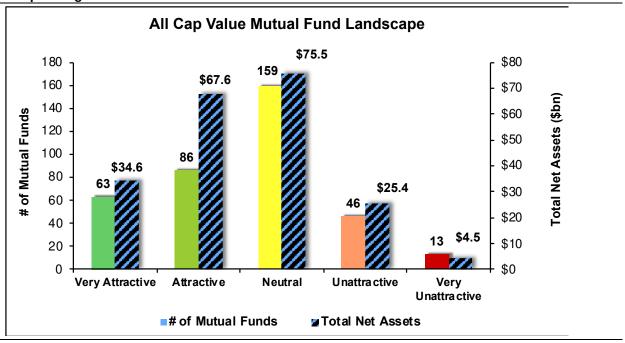
Figures 3 and 4 show the rating landscape of all All Cap Value ETFs and mutual funds.

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 and Kyle Guske II receive no compensation to write about any specific stock, style, or theme.

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Ratings & screeners on 3000 stocks, 450 ETFs and 7000 mutual funds help you make prudent investment decisions.

New Constructs leverages the latest in machine learning to analyze structured and unstructured financial data with unrivaled speed and accuracy. The firm's forensic accounting experts work alongside engineers to develop proprietary NLP libraries and financial models. Our investment ratings are based on the best fundamental data in the business for stocks, ETFs and mutual funds. Clients include many of the top hedge funds, mutual funds and wealth management firms. David Trainer, the firm's CEO, is regularly featured in the media as a thought leader on the fiduciary duty of care, earnings quality, valuation and investment strategy.

To fulfill the Duty of Care, research should be:

- 1. **Comprehensive** All relevant publicly-available (e.g. 10-Ks and 10-Qs) information has been diligently reviewed, including footnotes and the management discussion & analysis (MD&A).
- 2. **Un-conflicted** Clients deserve unbiased research.
- 3. **Transparent** Advisors should be able to show how the analysis was performed and the data behind it.
- 4. **Relevant** Empirical evidence must provide <u>tangible</u>, <u>quantifiable correlation</u> to stock, ETF or mutual fund performance.

Value Investing 2.0: Diligence Matters: Technology is Key to Value Investing With Scale

Accounting data is only the beginning of fundamental research. It must be translated into economic earnings to truly understand profitability and valuation. This translation requires deep analysis of footnotes and the MD&A, a process that our <u>robo-analyst technology</u> empowers us to perform for thousands of stocks, ETFs and mutual funds.



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