

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>4Q18 Style Ratings for ETFs</u> and <u>Mutual Funds</u> report. <u>Last quarter</u>, the All Cap Value style ranked fourth as well. It gets our Neutral rating, which is based on an aggregation of ratings of 24 ETFs and 382 mutual funds in the All Cap Value style as of October 22, 2018. See a recap of our <u>3Q18 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 16 to 1556). 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 <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

Allocat	tion of ETF	Holdinas			
		Allocation of ETF Holdings			
Attractive- or-better Stocks	Neutral Stocks	Unattractive- or-worse Stocks	Predictive Rating		
Best ETFs					
55%	42%	2%	Very Attractive		
51%	45%	4%	Very Attractive		
41%	41%	15%	Very Attractive		
46%	39%	13%	Very Attractive		
39%	42%	15%	Very Attractive		
Worst ETFs (only 4)					
30%	42%	25%	Neutral		
28%	34%	37%	Neutral		
24%	32%	42%	Neutral		
24%	32%	42%	Neutral		
	or-better Stocks 55% 51% 41% 46% 39% 30% 28% 24% 24% 24%	or-better Stocks Neutral Stocks 55% 42% 55% 42% 51% 45% 41% 41% 46% 39% 39% 42% 28% 34% 24% 32%	Neutral Stocks or-worse Stocks 55% 42% 2% 55% 42% 2% 51% 45% 4% 41% 15% 4% 46% 39% 13% 39% 42% 15% 30% 42% 35% 28% 34% 37% 24% 32% 42%		

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

Sources: New Constructs, LLC and company filings

¹ Harvard Business School features the powerful impact of our research automation technology in the case <u>New Constructs: Disrupting</u> <u>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 t	ne Best & Worst Ratings – Top 5

	Allocation of Mutual Fund Holdings					
Ticker	Attractive- or-better Stocks	Neutral Stocks	Unattractive- or-worse Stocks	Predictive Rating		
Best Mutual Funds						
OFVIX	47%	34%	17%	Very Attractive		
PLIVX	41%	32%	23%	Very Attractive		
FVSAX	32%	35%	21%	Very Attractive		
PALVX	41%	32%	23%	Very Attractive		
JIVMX	33%	37%	24%	Very Attractive		
Worst Mutual Funds						
MGWAX	14%	23%	61%	Very Unattractive		
SAMVX	19%	28%	47%	Very Unattractive		
ATVAX	25%	43%	32%	Very Unattractive		
CAXAX	18%	16%	40%	Very Unattractive		
UPUPX	10%	23%	60%	Very Unattractive		

* Best mutual funds exclude funds with TNAs less than \$100 million for inadequate liquidity. Sources: New Constructs, LLC and company filings

Seven mutual funds (AQVVX, AQVYX, AQVPX, LSVMX, LVAMX, BKMFX, and BIMFX) are excluded from Figure 2 because their total net assets (TNA) are below \$100 million and do not meet our liquidity minimums.

QVAL is the top-rated All Cap Value ETF and OFVIX is the top-rated All Cap Value mutual fund. Both earn a Very Attractive rating.

IWD is the worst rated All Cap Value ETF and UPUPX is the worst rated All Cap Value mutual fund. IWD earns a Neutral rating and UPUPX earns a Very Unattractive rating.

The Danger Within

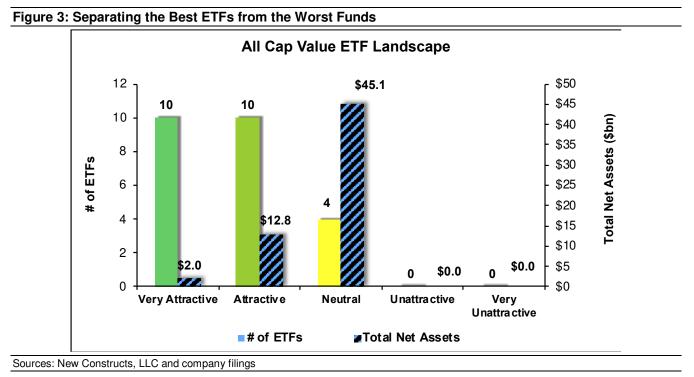
Buying a fund without analyzing its holdings is like buying a stock without analyzing its business and finances. Put another way, research on fund holdings is necessary due diligence because a fund's performance is only as good as its holdings' performance. Don't just take our word for it, <u>see what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

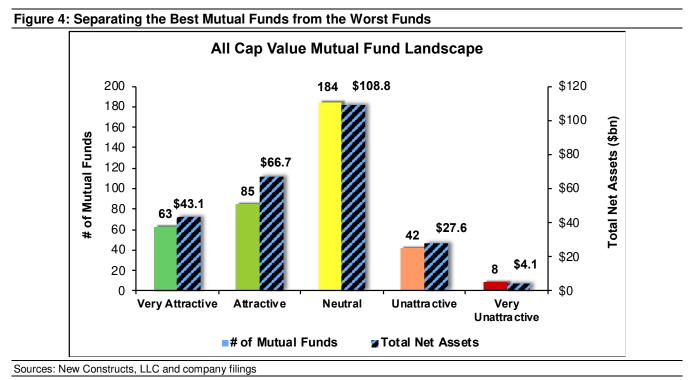
PERFORMANCE OF HOLDINGs = PERFORMANCE OF FUND

Analyzing each holding within funds is no small task. Our <u>Robo-Analyst technology</u> enables us to perform this diligence with scale and provide the <u>research needed</u> to fulfill the fiduciary duty of care. More of the biggest names in the financial industry (see <u>At BlackRock</u>, <u>Machines Are Rising Over Managers to Pick Stocks</u>) 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.





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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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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, 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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