BEST & WORST FUNDS

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ETF & Mutual Fund Rankings: Large Cap Growth Style

The Large Cap Growth style ranks fourth out of the twelve fund styles as detailed in our <u>4Q17 Style Ratings for ETFs and Mutual Funds</u> report. <u>Last quarter</u>, the Large Cap Growth style ranked fifth. It gets our Neutral rating, which is based on an aggregation of ratings of 17 ETFs and 666 mutual funds in the Large Cap Growth style as of October 17, 2017. See a recap of our <u>3Q17 Style Ratings here.</u>

Figures 1 and 2 show the five best and worst rated ETFs and mutual funds in the style. Not all Large Cap Growth style ETFs and mutual funds are created the same. The number of holdings varies widely (from 20 to 1149). This variation creates drastically different investment implications and, therefore, ratings.

Investors seeking exposure to the Large Cap Growth 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> empowers our unique <u>ETF and mutual fund rating methodology</u>, which leverages our rigorous analysis of each fund's holdings.¹ 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						
MTUM	18%	56%	24%	Very Attractive		
URTH	19%	29%	23%	Very Attractive		
IWY	35%	43%	20%	Attractive		
SCHG	27%	42%	29%	Attractive		
IUSG	27%	46%	26%	Attractive		
Worst ETFs						
QQQ	31%	41%	28%	Attractive		
IWF	29%	44%	25%	Attractive		
PWB	29%	43%	26%	Attractive		
JKE	28%	38%	33%	Neutral		
PXLG	32%	32%	34%	Neutral		

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

Sources: New Constructs, LLC and company filings

State Street SPDR MSCI World Strategic Factors ETF (QWLD) is excluded from Figure 1 because its total net assets (TNA) are below \$100 million and do not meet our liquidity minimums.

¹ 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					
Ticker	Attractive- or-better Stocks	Neutral Stocks	Unattractive- or-worse Stocks	Predictive Rating		
Best Mutual Funds						
FUQIX	50%	42%	8%	Very Attractive		
FMGEX	32%	38%	13%	Very Attractive		
FMGPX	29%	35%	12%	Very Attractive		
HRCUX	32%	46%	21%	Very Attractive		
HRCMX	32%	46%	21%	Very Attractive		
Worst Mutual Funds						
SFLAX	10%	63%	27%	Very Unattractive		
IACBX	13%	29%	51%	Very Unattractive		
IALAX	13%	29%	51%	Very Unattractive		
PLAAX	11%	18%	27%	Very Unattractive		
OTPSX	15%	18%	12%	Very Unattractive		

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

Sources: New Constructs, LLC and company filings

10 mutual funds are excluded from Figure 2 because their total net assets (TNA) are below \$100 million and do not meet our liquidity minimums.

iShares Edge MSCI USA Momentum Factor ETF (MTUM) is the top-rated Large Cap Growth ETF and Fidelity SAI U.S. Quality Index Fund (FUQIX) is the top-rated Large Cap Growth mutual fund. Both earn a Very Attractive rating.

PowerShares Russell Top 200 Pure Growth Portfolio (PXLG) is the worst rated Large Cap Growth ETF and ProFunds NASDAQ-100 (OTPSX) is the worst rated Large Cap Growth mutual fund. PXLG earns a Neutral rating and OTPSX 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.

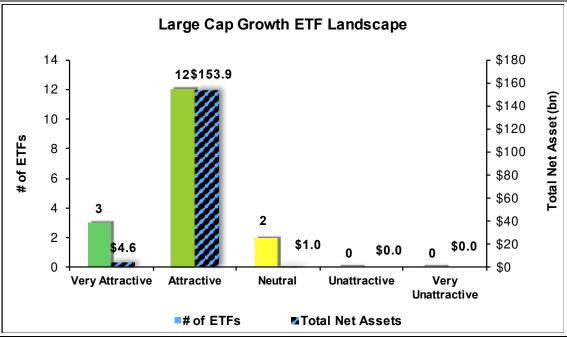
PERFORMANCE OF HOLDINGS = PERFORMANCE OF FUND

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.



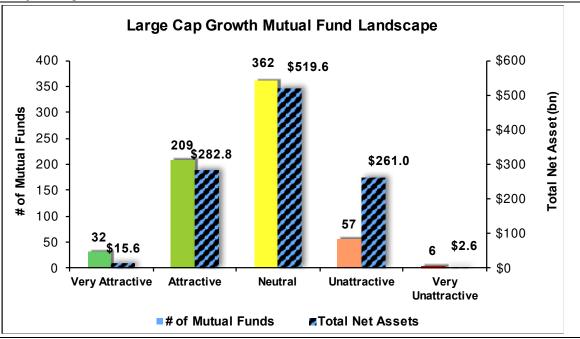
Figures 3 and 4 show the rating landscape of all Large Cap Growth ETFs and mutual funds.

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 Kenneth James 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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