

ETF & Mutual Fund Rankings: All Cap Growth Style

The All Cap Growth style ranks sixth out of the twelve fund styles as detailed in our <u>3Q18 Style Ratings for ETFs</u> and <u>Mutual Funds</u> report. <u>Last quarter</u>, the All Cap Growth style ranked seventh. It gets our Neutral rating, which is based on an aggregation of ratings of 21 ETFs and 503 mutual funds in the All Cap Growth style as of July 18, 2018. See a recap of our <u>2Q18 Style Ratings here</u>.

Figures 1 and 2 show the five best and worst rated ETFs and mutual funds in the style. Not all All Cap Growth style ETFs and mutual funds are created the same. The number of holdings varies widely (from 16 to 2021). This variation creates drastically different investment implications and, therefore, ratings.

Investors seeking exposure to the All 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>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 – Top 5

	Allocat			
Ticker	Attractive- or-better Stocks	Neutral Stocks	Unattractive- or-worse Stocks	Predictive Rating
		Best E	TFs	
QQQE	29%	34%	36%	Attractive
QQEW	29%	35%	36%	Attractive
ONEQ	21%	41%	29%	Attractive
PDP	15%	47%	36%	Neutral
DWLD	23%	19%	31%	Neutral
		Worst E	TFs	
HUSE	17%	26%	30%	Neutral
FAD	12%	37%	44%	Neutral
BEMO	15%	34%	47%	Neutral
ALFA	18%	27%	32%	Neutral
FPX	14%	29%	44%	Unattractive

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

Four ETFs (FQAL, PSET, MILN, QQXT) 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</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.



	Allocation of Mutual Fund Holdings			
Ticker	Attractive- or-better Stocks	Neutral Stocks	Unattractive- or-worse Stocks	Predictive Rating
	1	Best Mutu	al Funds	
GTILX	39%	49%	10%	Very Attractive
GTLLX	39%	49%	10%	Very Attractive
FICIX	29%	51%	17%	Very Attractive
FICHX	29%	51%	17%	Very Attractive
AGFIX	24%	53%	12%	Very Attractive
		Worst Mut	ual Funds	
CPOAX	0%	26%	59%	Very Unattractive
JTCAX	4%	31%	44%	Very Unattractive
INSAX	2%	48%	41%	Very Unattractive
SGFFX	5%	24%	50%	Very Unattractive
SAGAX	3%	25%	62%	Very Unattractive

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

Sources: New Constructs, LLC and company filings

Summit Global Investments Global Low Volatility Fund (SGLIX) and American Beacon Alpha Quant Quality Fund (AQQIX, AQQYX) are excluded from Figure 2 because their total net assets (TNA) are below \$100 million and do not meet our liquidity minimums.

Direxion NASDAQ-100 Equal Weighted Index Shares (QQQE) is the top-rated All Cap Growth ETF and Glenmede Quantitative U.S. Large Cap Growth Equity Portfolio (GTILX) is the top-rated All Cap Growth mutual fund. QQQE earns an Attractive rating and GTILX earns a Very Attractive rating.

First Trust U.S. Equity Opportunities ETF (FPX) is the worst rated All Cap Growth ETF and Virtus Zevenbergen Innovative Growth Stock Fund (SAGAX) is the worst rated All Cap Growth mutual fund. FPX earns an Unattractive rating and SAGAX earns a Very Unattractive rating.

The Danger Within

* Best mut

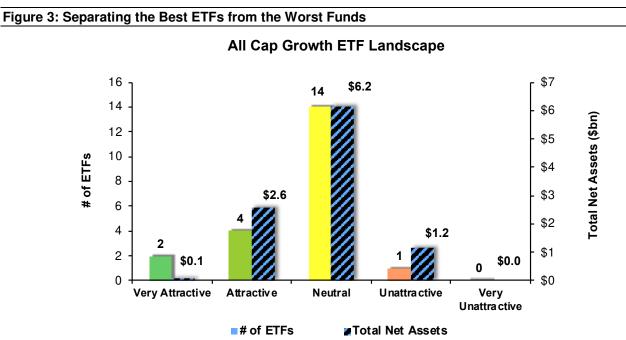
Buying a fund without analyzing its holdings is like buying a stock without analyzing its business and finances. Put another way, research on fund holdings is necessary due diligence because a fund's performance is only as good as its holdings' performance. Don't just take our word for it, <u>see what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

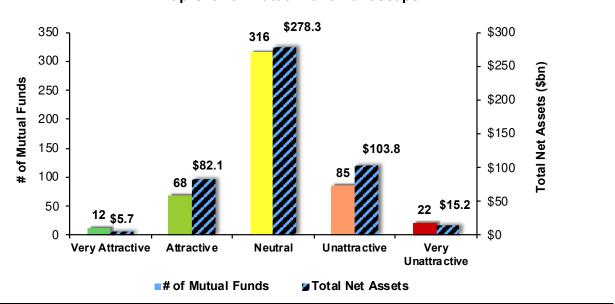


Figures 3 and 4 show the rating landscape of all All Cap Growth ETFs and mutual funds.



Sources: New Constructs, LLC and company filings





All Cap Growth Mutual Fund Landscape

Sources: New Constructs, LLC and company filings

This article originally published on July 19, 2018.

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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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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