

How to Find the Best Style ETFs

Finding the best ETFs is an increasingly difficult task in a world with so many to choose from. How can you pick with so many choices available?

Learn more about the best fundamental research

Don't Trust ETF Labels

There are at least 119 different All Cap Blend ETFs and at least 559 ETFs across twelve styles. Do investors need 46+ choices on average per style? How different can the ETFs be?

Those 119 All Cap Blend ETFs are very different. With anywhere from 25 to 3,949 holdings, many of these All Cap Blend ETFs have drastically different portfolios, creating drastically different investment implications.

The same is true for the ETFs in any other style, as each offers a very different mix of good and bad stocks. All Cap Value ranks first for stock selection. Small Cap Growth ranks last. Details on the <u>Best & Worst ETFs in each style are here</u>.

How to Avoid Paralysis by Analysis

We think the large number of All Cap Blend (or any other) style ETFs hurts investors more than it helps because too many options can be paralyzing. It is simply not possible for the majority of investors to properly assess the quality of so many ETFs. Analyzing ETFs, done with the proper diligence¹, is far more difficult than analyzing stocks because it means analyzing all the stocks within each ETF. As stated above, that can be as many as 3,949 stocks, and sometimes even more, for one ETF.

Anyone focused on <u>fulfilling the fiduciary duty of care</u> recognizes that analyzing the holdings² of an ETF is critical to finding the best ETF. More <u>reliable</u> & <u>proprietary</u> fundamental data, proven in <u>The Journal of Financial</u> <u>Economics</u>, drives our research and analysis of ETF holdings and provides investors with a <u>new source of alpha</u>. Figure 1 shows our top-rated ETF for each style.

¹ Three independent studies from respected institutions prove the superiority of our data, models, and ratings. Learn more <u>here</u>.

² Harvard Business School features the powerful impact of our research automation technology in the case <u>New Constructs: Disrupting</u> Fundamental Analysis with Robo-Analysts.



Figure 1: The Best ETF in Each Style

Ticker	Name	Investment Style	Assets (\$mm)
VSMV	VictoryShares U.S. Multi-Factor Minimum Volatility ETF	All Cap Blend	\$162
TTAC	TrimTabs U.S. Free Cash Flow Quality ETF	All Cap Growth	\$199
COWZ	Pacer U.S. Cash Cows 100 ETF	All Cap Value	\$796
100	iShares Global 100 ETF	Large Cap Blend	\$3,358
SPYG	State Street SPDR Portfolio S&P 500 Growth ETF	Large Cap Growth	\$13,453
MGV	Vanguard Mega Cap Value Index Fund	Large Cap Value	\$4,408
CZA	Invesco Zacks Mid Cap ETF	Mid Cap Blend	\$280
BFOR	Barron's 400 ETF	Mid Cap Growth	\$144
QVAL	Alpha Architect U.S. Quantitative Value ETF	Mid Cap Value	\$214
CALF	Pacer U.S. Small Cap Cash Cows 100 ETF	Small Cap Blend	\$441
XMHQ	Invesco S&P Mid Cap Quality ETF	Small Cap Growth	\$266
XMVM	Invesco S&P Mid Cap Value with Momentum ETF	Small Cap Value	\$172

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

Amongst the ETFs in Figure 1, <u>Pacer U.S. Cash Cows 100 ETF</u> (COWZ) ranks first overall, VictoryShares U.S. Multi-Factor Minimum Volatility ETF (VSMV) ranks second, and <u>Alpha Architect U.S. Quantitative Value ETF</u> (QVAL) ranks third. State Street SPDR Portfolio S&P 500 Growth ETF (SPYG) ranks last.

How to Avoid "The Danger Within"

Why do you need to know the holdings of ETFs before you buy?

You need to be sure you do not buy an ETF that might blow up. Buying an ETF without analyzing its holdings is like buying a stock without analyzing its business and finances. No matter how cheap, if it holds bad stocks, the ETF's performance will be bad. Don't just take my word for it, see what Barron's says on this matter.

PERFORMANCE OF FUND'S 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.

If Only Investors Could Find Funds Rated by Their Holdings

Our <u>ETF ratings</u> leverage our <u>stock coverage</u>. We rate ETFs based on the aggregated ratings of the stocks each ETF holds.

Pacer U.S Cash Cows 100 ETF (COWZ) is not only the top-rated All Cap Value ETF but is also the overall top-rated style ETF (that meets our liquidity minimums) out of the 559 style ETFs that we cover.

The worst ETF in Figure 1 is State Street SPDR Portfolio S&P 500 Growth ETF (SPYG), which still gets an Attractive rating.

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Disclosure: Kyle Guske II owns SPYG. David Trainer, Kyle Guske II, and Matt Shuler receive no compensation to write about any specific stock, style, or theme.

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It's Official: We Offer the Best Fundamental Data in the World

Many firms claim their research is superior, but none of them can prove it with independent studies from highly-respected institutions as we can. Three different papers from both the public and private sectors show:

- 1. Legacy fundamental datasets suffer from significant inaccuracies, omissions and biases.
- 2. Only our "novel database" enables investors to overcome these flaws and apply <u>reliable</u> fundamental data in their research.
- 3. Our proprietary measures of <u>Core Earnings</u> and <u>Earnings Distortion</u> materially improve stock picking and forecasting of profits.

Best Fundamental Data in the World

Forthcoming in <u>The Journal of Financial Economics</u>, a top peer-reviewed journal, <u>Core Earnings: New Data & Evidence</u> proves our Robo-Analyst technology overcomes material shortcomings in legacy firms' data collection processes to provide superior fundamental data, earnings models, and research. More details.

Key quotes from the paper:

- "[New Constructs'] *Total Adjustments* differs significantly from the items identified and excluded from Compustat's adjusted earnings measures. For example... 50% to 70% of the variation in *Total Adjustments* is not explained by *S&P Global's (SPGI) Adjustments* individually." pp. 14, 1st para.
- "A final source of differences [between New Constructs' and S&P Global's data] is due to data collection oversights...we identified cases where Compustat did not collect information relating to firms' income that is useful in assessing core earnings." pp. 16, 2nd para.

Superior Models

A top accounting firm features the superiority of our ROIC, NOPAT and Invested Capital research to Capital IQ & Bloomberg's in <u>Getting ROIC Right</u>. See the <u>Appendix</u> for direct comparison details.

Key quotes from the paper:

- "...an accurate calculation of ROIC requires more diligence than often occurs in some of the common, off-the-shelf ROIC calculations. Only by scouring the footnotes and the MD&A [as New Constructs does] can investors get an accurate calculation of ROIC." pp. 8, 5th para.
- "The majority of the difference...comes from New Constructs' machine learning approach, which leverages technology to calculate ROIC by applying accounting adjustments that may be buried deeply in the footnotes across thousands of companies." – pp. 4, 2nd para.

Superior Stock Ratings

Robo-Analysts' stock ratings outperform those from human analysts as shown in this <u>paper</u> from Indiana's Kelley School of Business. Bloomberg features the paper here.

Key quotes from the paper:

- "the portfolios formed following the buy recommendations of Robo-Analysts earn abnormal returns that are statistically and economically significant." pp. 6, 3rd para.
- "Our results ultimately suggest that Robo-Analysts are a valuable, alternative information intermediary to traditional sell-side analysts." pp. 20, 3rd para.

Our mission is to provide the best fundamental analysis of public and private businesses in the world and make it affordable for all investors, not just Wall Street insiders.

We believe every investor deserves to know the whole truth about the profitability and valuation of any company they consider for investment. More details on our cutting-edge technology and how we use it are here.



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