



With an ever-growing list of similar-sounding ETFs to choose from, finding the best is an increasingly difficult task. How can investors change the game to shift the odds in their favor?

Learn more about the best fundamental research

Don't Trust ETF Labels

New Constructs[®] Diligence | Independence | Performance

There are at least 165 different All Cap Blend ETFs and at least 671 ETFs across twelve styles. Do investors need 55+ choices on average per style? How different can the ETFs be?

Those 165 All Cap Blend ETFs are very different from each other. With anywhere from 22 to 4,112 holdings, many of these All Cap Blend ETFs have drastically different portfolios with differing risk profiles and performance outlooks.

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 <u>here.</u>

Avoiding Analysis Paralysis

We think the large number of style ETFs hurts investors more than it helps. Deep analysis on an ETF-by-ETF basis is simply not a realistic option so investors are exposed to insufficient analysis, missing profitable opportunities, or both. Analyzing ETFs, with the proper diligence¹, is far more difficult than analyzing stocks because it means analyzing all the stocks within each ETF. As stated above, there can be as many as 4,112 stocks or 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.

Ticker	Name	Investment Style	Assets (\$mm)
VSMV	Victory Shares U.S. Multi Factor Minimum Volatility ETF	All Cap Blend	\$164
TTAC	TrimTabs FCF U.S. Quality ETF	All Cap Growth	\$204
SCHD	Schwab U.S Dividend Equity ETF	All Cap Value	\$31,278
DUSA	Davis Select U.S. Equity ETF	Large Cap Blend	\$387
FCPI	Fidelity Stocks for Inflation ETF	Large Cap Growth	\$110
AVLV	Avantis U.S. Large Cap Value ETF	Large Cap Value	\$126
QVAL	Alpha Architect U.S. Quantitative Value ETF	Mid Cap Blend	\$248
BFOR	ALPS ETF Trust Barron's 400 ETF	Mid Cap Growth	\$161
ONEY	State Street SPDR Russell 1000 Yield Focus ETF	Mid Cap Value	\$739
CALF	Pacer U.S. Small Cap Cash Cows 100 ETF	Small Cap Blend	\$620
JSML	Janus Henderson Small Cap Growth Alpha ETF	Small Cap Growth	\$138
CSB	VictoryShares U.S. Small Cap High Dividend Volatility ETF	Small Cap Value	\$252

Figure 1: The Best ETF in Each Style

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

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Important Disclosure Information is contained on the last page of this report. The recipient of this report is directed to read these disclosures.

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> <u>Fundamental Analysis with Robo-Analysts</u>.



Amongst the ETFs in Figure 1, VictoryShares U.S. Multi Factor Minimum Volatility ETF (VSMV) ranks first overall, Alpha Architect U.S. Quantitative Value ETF (QVAL) ranks second, and Schwab U.S. Dividend Equity ETF (SCHD) ranks third. Janus Henderson Small Cap Growth Alpha ETF (JSML) 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 <u>what Barron's says</u> on this matter.

PERFORMANCE OF FUNDS 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, 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.

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.

VictoryShares U.S. Multi Factor Minimum Volatility ETF (VSMV) is not only the top-rated All Cap Blend ETF, but is also the overall top-ranked style ETF out of the 671 style ETFs that we cover.

The worst ETF in Figure 1 is Janus Henderson Small Cap Growth Alpha ETF (JSML), which still gets a Very Attractive rating.

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Disclosure: 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 highlyrespected 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 &</u> <u>Evidence</u> proves our Robo-Analyst technology overcomes material shortcomings in legacy firms' data collection processes to provide superior <u>fundamental data</u>, <u>earnings</u> models, and <u>research</u>. More <u>details</u>.

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 <u>here</u>.

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 <u>here</u>.



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