



How to Avoid the Worst Style Mutual Funds

Question: Why are there so many mutual funds?

Answer: Mutual fund providers tend to make lots of money on each fund so they create more products to sell.

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The large number of mutual funds has little to do with serving investors' best interests. More reliable & [proprietary](#) fundamental data, proven in [The Journal of Financial Economics](#), drives our research and analysis of mutual fund holdings. We leverage this data to provide tools that can [eliminate fund fees and create better asset allocations](#). Below, we identify three red flags you can use to avoid the worst mutual funds:

1. Inadequate Liquidity

This issue is the easiest issue to avoid, and our advice is simple. Avoid all mutual funds with less than \$100 million in assets. Low levels of liquidity can lead to a discrepancy between the price of the mutual fund and the underlying value of the securities it holds. Plus, low asset levels tend to mean lower volume in the mutual fund and larger bid-ask spreads.

2. High Fees

Mutual funds should be cheap, but not all of them are. The first step here is to know what is cheap and expensive.

To ensure you are paying at or below average fees, invest only in mutual funds with [total annual costs](#) below 1.66%, which is the average total annual cost of the 6,056 U.S. equity Style mutual funds we cover. The weighted average is lower at 0.97% which highlights how investors tend to put their [money in mutual funds with low fees](#).

Figure 1 shows American Growth Cannabis Fund (AMREX) is the most expensive style mutual fund and Vanguard 500 Index Fund (VFFSX) is the least expensive. American Growth (AMREX, AMRBX, AMRAX, AMRGX, AMRCX) provide some of the most expensive mutual funds while Vanguard (VFFSX, VSTSX) mutual funds are among the cheapest.

Figure 1: 5 Most and Least Expensive Style Mutual Funds

Ticker	Name	Style	Total Annual Cost
Most Expensive			
AMREX	American Growth Cannabis Fund	All Cap Blend	13.32%
AMRBX	American Growth Fund Series One	All Cap Blend	11.66%
AMRAX	American Growth Fund Series One	All Cap Blend	8.21%
AMRGX	American Growth Fund Series One	All Cap Blend	7.70%
AMRCX	American Growth Fund Series One	All Cap Blend	7.00%
Least Expensive			
VFFSX	Vanguard 500 Index Fund	Large Cap Blend	0.02%
BSPGX	iShares S&P 500 Index Fund	Large Cap Blend	0.02%
AULNX	American Century Ultra Fund	Large Cap Growth	0.02%
FXAIX	Fidelity 500 Index Fund	Large Cap Blend	0.02%
VSTSX	Vanguard Total Stock Market Index Fund	All Cap Blend	0.03%

Sources: New Constructs, LLC and company filings



Investors need not pay high fees for quality holdings.¹ Vanguard 500 Index Fund (VFFSX) is the best ranked style mutual fund in Figure 1. VFFSX's Neutral [Portfolio Management rating](#) and 0.02% total annual cost earn it an Attractive rating.² Invesco Low Volatility Equity Yield Fund (SLESX) is the best ranked style mutual fund overall. SLESX's Attractive Portfolio Management rating and 1.07% total annual cost earn it a Very Attractive rating.

On the other hand, no matter how cheap a mutual fund, if it holds bad stocks, its performance will be bad. The quality of a mutual fund's holdings matters more than its price.

3. Poor Holdings

Avoiding poor holdings is by far the hardest part of avoiding bad mutual funds, but it is also the most important because a mutual fund's performance is determined more by its holdings than its costs. Figure 2 shows the mutual funds within each style with the worst holdings or [portfolio management ratings](#).

Figure 2: Style Mutual Funds with the Worst Holdings

Ticker	Name	Style	Portfolio Management Rating
ENPIX	Oil & Gas UltraSector ProFund	All Cap Blend	Unattractive
THGRX	Thornburg Small/Mid Cap Growth Fund	All Cap Growth	Unattractive
LLPFX	Longleaf Partners Fund	All Cap Value	Unattractive
GGUIX	Aberdeen U.S. Sustainable Leaders Smaller Companies	Large Cap Blend	Unattractive
INVNX	Evolutionary Tree Innovators Fund	Large Cap Growth	Unattractive
NRIGX	Integrity Energized Dividend Fund	Large Cap Value	Unattractive
MOJOX	Donoghue Forlines Momentum Fund	Mid Cap Blend	Unattractive
ALOYX	Alger Mid Cap Focus Fund	Mid Cap Growth	Unattractive
PMVQX	PGIM QMA Mid Cap Value Fund	Mid Cap Value	Unattractive
SLPIX	Small Cap ProFund	Small Cap Blend	Very Unattractive
PCSGX	PACE Small/Medium Co Growth Equity Investments	Small Cap Growth	Very Unattractive
PVFIX	Pinnacle Value Fund	Small Cap Value	Very Unattractive

Sources: New Constructs, LLC and company filings

ProFunds (ENPIX, SLPIX) appear more often than any other providers in Figure 2, which means that they offer the most mutual funds with the worst holdings.

The Pinnacle Value Fund (PVFIX) is the worst rated mutual fund in Figure 2. Thornburg Small/Mid Cap Growth Fund (THGRX), Evolutionary Tree Innovators Fund (INVNX), Aberdeen U.S. Sustainable Leaders Smaller Companies Fund (GGUIX), Alger Mid Cap Focus Fund (ALOYX), Small Cap ProFund (SLPIX), PACE Small/Medium Co Growth Equity Investments (PCSGX), Donoghue Forlines Momentum Fund (MOJOX), Oil & Gas UltraSector ProFund (ENPIX), and Longleaf Partners Fund (LLPFX) also earn a Very Unattractive [predictive overall rating](#), which means not only do they hold poor stocks, they charge high total annual costs.

Our [overall ratings on mutual funds](#) are on our [stock ratings](#) of their holdings and the total annual costs of investing in the fund.

The Danger Within

Buying a mutual fund without analyzing its holdings is like buying a stock without analyzing its business and finances. Put another way, research on mutual fund holdings is necessary due diligence because a mutual

¹ Three independent studies from respected institutions prove the superiority of our data, models, and ratings. Learn more [here](#).

² Harvard Business School features the powerful impact of our research automation technology in the case [New Constructs: Disrupting Fundamental Analysis with Robo-Analysts](#).



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 MUTUAL FUND'S HOLDINGS = PERFORMANCE OF MUTUAL 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.

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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 [reliable](#) fundamental data in their research.
3. Our proprietary measures of [Core Earnings](#) and [Earnings Distortion](#) materially improve stock picking and forecasting of profits.

Best Fundamental Data in the World

Forthcoming in [The Journal of Financial Economics](#), a top peer-reviewed journal, [Core Earnings: New Data & Evidence](#) 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 [Getting ROIC Right](#). See the [Appendix](#) 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 [paper](#) 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.

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