

How to Avoid the Worst Style Mutual Funds

Question: Why are there so many mutual funds?

Answer: Mutual fund management is profitable, so Wall Street creates more products to sell.

Learn more about the best fundamental research

The large number of mutual funds has little to do with serving your best interests as an investor. More <u>reliable</u> & <u>proprietary</u> fundamental data, proven in <u>The Journal of Financial Economics</u>, drives our research and analysis of fund holdings and provides investors with a <u>new source of alpha</u>. We leverage this data to identify two red flags you can use to avoid the worst mutual funds:

1. High Fees

Mutual funds should be cheap, but not all of them are. The first step is to benchmark what cheap means.

To ensure you are paying at or below average fees, invest only in mutual funds with <u>total annual costs</u> below 1.61% – the average total annual cost of the 5,922 U.S. equity Style mutual funds we cover. The weighted average is lower at 0.89%, which highlights how investors tend to put their <u>money in mutual funds with low fees</u>.

Figure 1 shows American Growth Fund Series One (AMRBX) is the most expensive style mutual fund and Vanguard 500 Index Fund (VFFSX) is the least expensive. American Growth Fund (AMRBX, AMRAX, AMRGX) provides three of the most expensive mutual funds while Vanguard (VFFSX, VSTSX) and Fidelity (FXAIX, FSKAX) mutual funds are among the cheapest.

Figure 1: 5 Most and Least Expensive Style Mutual Funds

Ticker	Name	Style	Total Annual Cost	
Most Expensive				
AMRBX	American Growth Fund Series One	All Cap Blend	9.58%	
AMRAX	American Growth Fund Series One	All Cap Blend	7.39%	
AMRGX	American Growth Fund Series One	All Cap Blend	6.96%	
LIONX	Northern Lights Issachar Fund	All Cap Blend	6.75%	
LIOTX	Northern Lights Issachar Fund	All Cap Blend	6.55%	
Least Expensive				
VFFSX	Vanguard 500 Index Fund	Large Cap Blend	0.02%	
VSTSX	Vanguard Total Stock Market Index Fund	All Cap Blend	0.02%	
FXAIX	Fidelity 500 Index Fund	Large Cap Blend	0.02%	
FSKAX	Fidelity Total Market Index Fund	All Cap Blend	0.02%	
BSPGX	BlackRock iShares S&P 500 Index Fund	Large Cap Blend	0.02%	

Sources: New Constructs, LLC and company filings

Investors need not pay high fees for quality holdings. American Century Capital Equity Income Fund (AEIMX) is the best ranked style mutual fund with low costs. AEIMX's Neutral Portfolio Management rating and 0.06% total annual cost earns it a Very Attractive rating.

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 <u>New Constructs: Disrupting</u> Fundamental Analysis with Robo-Analysts.



7/29/22

On the other hand, T. Rowe Price Mid Cap Index Fund (TRSZX) holds poor stocks and earns our Very Unattractive rating yet has low total annual costs of 0.08%. 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.

2. 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 <u>portfolio management ratings</u>.

Figure 2: Style Mutual Funds with the Worst Holdings

Ticker	Name	Style	Portfolio Management Rating
DVALX	MSS Footprints Discover Value Fund	All Cap Blend	Very Unattractive
MBIRX	Morgan Stanley Insight Fund	All Cap Growth	Unattractive
ADVGX	North Square Advisory Research Value Fund	All Cap Value	Unattractive
BLPIX	ProFunds Bull ProFund	Large Cap Blend	Unattractive
TSNRX	Touchstone Sands Capital Select Growth Fund	Large Cap Growth	Unattractive
NPNEX	Neuberger Berman Large Cap Value Fund	Large Cap Value	Neutral
LSIRX	Legg Mason ClearBridge Mid Cap Fund	Mid Cap Blend	Unattractive
MMCGX	Morgan Stanley Discovery Portfolio	Mid Cap Growth	Unattractive
LLPFX	Longleaf Partners Fund	Mid Cap Value	Unattractive
SLPIX	ProFunds Small Cap ProFund	Small Cap Blend	Very Unattractive
BGUIX	Baillie Gifford U.S. Discovery Fund	Small Cap Growth	Unattractive
PVFIX	Bertolet Capital Pinnacle Value Fund	Small Cap Value	Very Unattractive

Sources: New Constructs, LLC and company filings

Morgan Stanley funds appear more often than any other providers in Figure 2, which means that they offer the most mutual funds with the worst holdings.

Morgan Stanley Discovery Portfolio (MMCGX) is the worst rated mutual fund in Figure 2. Morgan Stanley Insight Fund (MBIRX), Baillie Gifford U.S. Discovery Fund (BGUIX), North Square Advisory Research Value Fund (ADVGX), Touchstone Sands Capital Select Growth Fund (TSNRX), Legg Mason ClearBridge Mid Cap Fund (LSIRX), ProFunds Small Cap ProFund (SLPIX), Longleaf Partners Fund (LLPFX), Bertolet Capital Pinnacle Value Fund (PVFIX), and MSS Series Footprints Discover Value Fund (DVALX) also earn a Very Unattractive predictive overall rating, which means not only do they hold poor stocks, they charge high total annual costs.

Our <u>overall ratings on mutual funds</u> reflects our <u>stock ratings</u> of their holdings and a measure of 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 model and finances. Put another way, research on mutual fund holdings is necessary due diligence because a mutual fund's performance is only as good as its holdings. Don't just take our word for it, see what Barron's says on this matter.

PERFORMANCE OF MUTUAL FUND'S HOLDINGS - FEES = PERFORMANCE OF MUTUAL FUND



7/29/22

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 technology to get the diligence required to make prudent investment decisions.

This article originally published on July 29, 2022.

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

Follow us on Twitter, Facebook, LinkedIn, and StockTwits for real-time alerts on all our research.





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.



7/29/22

DISCLOSURES

New Constructs®, LLC (together with any subsidiaries and/or affiliates, "New Constructs") is an independent organization with no management ties to the companies it covers. None of the members of New Constructs' management team or the management team of any New Constructs' affiliate holds a seat on the Board of Directors of any of the companies New Constructs covers. New Constructs does not perform any investment or merchant banking functions and does not operate a trading desk.

New Constructs' Stock Ownership Policy prevents any of its employees or managers from engaging in Insider Trading and restricts any trading whereby an employee may exploit inside information regarding our stock research. In addition, employees and managers of the company are bound by a code of ethics that restricts them from purchasing or selling a security that they know or should have known was under consideration for inclusion in a New Constructs report nor may they purchase or sell a security for the first two days after New Constructs issues a report on that security.

DISCLAIMERS

The information and opinions presented in this report are provided to you for information purposes only and are not to be used or considered as an offer or solicitation of an offer to buy or sell securities or other financial instruments. New Constructs has not taken any steps to ensure that the securities referred to in this report are suitable for any particular investor and nothing in this report constitutes investment, legal, accounting or tax advice. This report includes general information that does not take into account your individual circumstance, financial situation or needs, nor does it represent a personal recommendation to you. The investments or services contained or referred to in this report may not be suitable for you and it is recommended that you consult an independent investment advisor if you are in doubt about any such investments or investment services.

Information and opinions presented in this report have been obtained or derived from sources believed by New Constructs to be reliable, but New Constructs makes no representation as to their accuracy, authority, usefulness, reliability, timeliness or completeness. New Constructs accepts no liability for loss arising from the use of the information presented in this report, and New Constructs makes no warranty as to results that may be obtained from the information presented in this report. Past performance should not be taken as an indication or guarantee of future performance, and no representation or warranty, express or implied, is made regarding future performance. Information and opinions contained in this report reflect a judgment at its original date of publication by New Constructs and are subject to change without notice. New Constructs may have issued, and may in the future issue, other reports that are inconsistent with, and reach different conclusions from, the information presented in this report. Those reports reflect the different assumptions, views and analytical methods of the analysts who prepared them and New Constructs is under no obligation to insure that such other reports are brought to the attention of any recipient of this report.

New Constructs' reports are intended for distribution to its professional and institutional investor customers. Recipients who are not professionals or institutional investor customers of New Constructs should seek the advice of their independent financial advisor prior to making any investment decision or for any necessary explanation of its contents.

This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or which would be subject New Constructs to any registration or licensing requirement within such jurisdiction.

This report may provide the addresses of websites. Except to the extent to which the report refers to New Constructs own website material, New Constructs has not reviewed the linked site and takes no responsibility for the content therein. Such address or hyperlink (including addresses or hyperlinks to New Constructs own website material) is provided solely for your convenience and the information and content of the linked site do not in any way form part of this report. Accessing such websites or following such hyperlink through this report shall be at your own risk.

All material in this report is the property of, and under copyright, of New Constructs. None of the contents, nor any copy of it, may be altered in any way, copied, or distributed or transmitted to any other party without the prior express written consent of New Constructs. All trademarks, service marks and logos used in this report are trademarks or service marks or registered trademarks or service marks of New Constructs. Copyright New Constructs, LLC 2003 through the present date. All rights reserved.