



# All Trick, No Treat: This Fund's Holdings Don't Deserve Its Fees

To kick off our quarterly ETF and mutual fund <u>sector</u> and <u>style</u> rankings, we've identified a mutual fund that, despite a seemingly sound methodology, fails to invest in quality stocks.

Past performance is not an indicator of future performance, yet past performance drives nearly all fund ratings. We think the quality of the fund's underlying individual stocks matters more. Strong holdings are what ultimately drive fund performance, and if you hold bad stocks, performance is likely to be bad too.

This fund allocates too much capital to companies with lower profitability and expensive valuations (relative to the benchmark). To make matters worse, it charges well above-average fees, especially considering its subpar portfolio. Vaughan Nelson Mid Cap Fund (VNVAX) is this week's <u>Danger Zone</u> pick.

## **Forward-Looking Research Protects Investors**

While legacy fund research is backward-looking, our fund research is forward-looking and based on <u>provensuperior</u> fundamental analysis and <u>ratings</u> on each individual holding.

VNVAX earns our Very Unattractive (equivalent to Morningstar's 1 Star) rating while Morningstar gives the fund a 3 Star rating. Figure 1 shows how our forward-looking <u>Fund Ratings</u> compare to Morningstar's (MORN) ratings.

VNVCX, VNVNX, and VNVYX, the other share classes of the mutual fund, earn a 3 Star rating while we rate each Unattractive.

Figure 1: Vaughan Nelson Mid Cap Fund Ratings

Ticker	Morningstar Rating	New Constructs Rating
VNVAX	3 Star	Very Unattractive
VNVCX	3 Star	Unattractive
VNVNX	3 Star	Unattractive
VNVYX	3 Star	Unattractive

Sources: New Constructs, LLC, company filings, mutual fund filings, and Morningstar

# Fund Methodology Sounds Strong, But Holdings Reveal Otherwise

Vaughan Nelson Mid Cap Fund invests in "medium capitalization companies with a focus on those companies meeting Vaughan Nelson's return expectations." The subadvisor, Vaughan Nelson Investment Management, uses a "bottom-up value-oriented investment process" that sounds good on paper.

Specifically, Vaughan Nelson seeks companies with the following characteristics:

- Companies earning a positive return on capital with stable-to-improving returns.
- Companies valued at a discount to their asset value.
- Companies with an attractive and sustainable dividend level.

Further, the fund's <u>prospectus</u> mentions how Vaughan Nelson (emphasis added) "selects stocks selling at a relatively low value based on business fundamentals, **economic margin** analysis, and **discounted cash flow models**.

Normally, we'd love to see a fund selecting companies based on return on capital, economic margin, and discounted cash flow models. These metrics sound just like the return on invested capital (ROIC), economic earnings, and reverse DCF models we use in our Stock Ratings and our Fund Ratings.

However, when we analyze the stocks held by VNVAX, we find that the holdings do not live up to the methodology. In fact, our analysis reveals VNVAX's investment process finds stocks with lower returns on invested capital (ROIC), lower cash flows, and more expensive valuations than its benchmark and the S&P 500, as we'll show below.

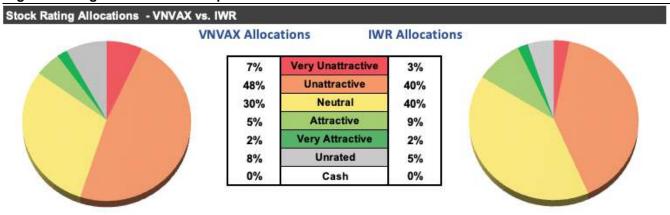


## Holdings Research Reveals a Low-Quality Mid Cap Blend Portfolio

Our holdings analysis, which leverages our Robo-Analyst Al Agent<sup>1</sup>, reveals that VNVAX holds lower-quality stocks than its benchmark iShares Russell Mid-Cap ETF (IWR). For reference, IWR earns a Neutral rating.

Per Figure 2, VNVAX allocates 55% of its portfolio to Unattractive-or-worse rated stocks compared to 43% for IWR. On the flip side, VNVAX allocates only 7% of its assets to Attractive-or-better rated stocks compared to 11% for IWR.

Figure 2: Vaughan Nelson Mid Cap Fund Allocates to Far Worse Stocks than IWR

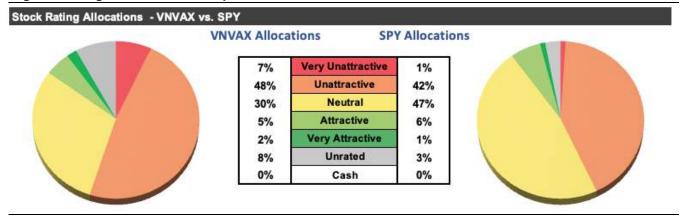


Sources: New Constructs, LLC, company, ETF, and mutual fund filings

Per Figure 3, our holdings analysis also reveals VNVAX's portfolio is lower quality than the S&P 500, as represented by State Street SPDR S&P 500 ETF (SPY), which earns an Attractive rating.

At 43% of its portfolio, SPY allocates less to Unattractive-or-worse rated stocks compared to VNVAX (at 55%). SPY and VNVAX allocate equally to Attractive-or-better rated stocks, at 7% of their portfolios.

Figure 3: Vaughan Nelson Mid Cap Fund Allocates to Worse Stocks than SPY



Sources: New Constructs, LLC, company, ETF, and mutual fund filings

Given VNVAX allocates just 7% of assets to Attractive-or-better rated stocks, it appears poorly positioned to generate the outperformance required to justify higher active management fees.

# **Expensive Stocks Drive Very Unattractive Risk/Reward Rating**

Figure 4 shows our detailed rating for VNVAX, which includes each of the criteria we use to rate all ETFs and mutual funds under coverage. These criteria are the same for our <a href="Stock Rating Methodology">Stock Rating Methodology</a>, as the performance of a mutual fund equals the performance of its holdings minus fees. Figure 4 also compares VNVAX's rating with those of IWR and SPY.

<sup>&</sup>lt;sup>1</sup> See Harvard Business School case study: New Constructs: Disrupting Fundamental Analysis with Robo-Analysts.



Figure 4: Vaughan Nelson Mid Cap Fund Rating Details

	Portfolio Management 🕢						
Risk/Reward	Quality of Earnings @		Valuation @			Asset Allocation	
	Economic vs Reported EPS ②	ROIC @	2 yr Avg FCF (excl	Price to EBV 🚱	Market-Implied GAP	Cash % 🕢	Total Annual Costs @
Very Unattractive	Misleading Trend	Bottom Quintile	< -5%	> 3.5 or -1 < 0	> 50	> 20%	> 4%
Unattractive	False Positive	4th Quintile	-5% < -1%	2.4< 3.5 or < -1	20 < 50	8% < 20%	2% < 4%
Neutral	Neutral EE	3rd Quintile	-1% < 3%	1.6< 2.4	10 < 20	2.5% < 8%	1% < 2%
Attractive	Positive EE	2nd Quintile	3% < 10%	1.1< 1.6	3 < 10	1% < 2.5%	0.5% < 1%
Very Attractive	Rising EE	Top Quintile	> 10%	0<1.1	0 < 3	< 1%	< 0.5%
Actual Values			<del></del>		***		
VNVAX	Positive EE	10%	0%	6.8	65 yrs	< 1%	3.6%
Benchmarks @							
Style ETF (IWR)	Positive EE	12%	2%	4.0	59 yrs	-	0.2%
S&P 500 ETF (SPY)	Positive EE	35%	1%	4.1	76 yrs		0.1%
Small Cap ETF (IWM)	Positive EE	6%	0%	3.9	53 yrs	2	0.2%

Sources: New Constructs, LLC, company, ETF, and mutual fund filings

As Figure 4 shows, VNVAX is inferior to IWR in four of the five criteria (and three of five vs. SPY) that make up our <a href="Portfolio Management">Portfolio Management</a> rating. Specifically:

- VNVAX's holdings generate positive economic earnings, same as IWR and SPY.
- VNVAX's ROIC is 10%, which is lower than IWR's (12%) and SPY's (35%) ROIC.
- VNVAX's 2-yr average free cash flow (FCF) yield of 0% is lower than IWR's at 2% and SPY's at 1%.
- The price-to-economic book value (<u>PEBV</u>) ratio for VNVAX is 6.8, which is worse than the 4.0 for IWR and 4.1 for SPY.
- Our <u>discounted cash flow (DCF) analysis</u> reveals an average market-implied growth appreciation period (<u>GAP</u>) of 65 years for VNVAX's holdings compared to 59 years and 76 years for IWR's and the S&P 500's holdings.

In other words, market expectations for stocks held by imply profits will grow substantially more than the stock's held by IWR and SPY (measured by PEBV ratio), despite VNVAX's holdings being less profitable (as measured by ROIC).

This rigorous holdings analysis reveals that VNVAX provides exposure to less profitable companies, while taking much more valuation risk than the benchmark and S&P 500.

# **High Fees Make Owning VNVAX Worse**

At 3.62%, VNVAX's total annual costs (<u>TAC</u>) are higher than 89% of Mid Cap Blend mutual funds under coverage. For comparison, the simple average TAC of all the Mid Cap Blend mutual funds under coverage is 1.77% and the asset-weighted average is 0.53%. IWR charges just 0.20% and SPY has total annual costs of just 0.10%. Why pay higher fees for inferior stock selection?

Our TAC metric accounts for more than just the expense ratio. We consider the impact of front-end loads, backend loads, redemption fees, and transaction costs.

Figure 5 shows our breakdown of VNVAX's total annual costs, which we provide for all ~6,100+ mutual funds and ~1,000+ ETFs under coverage.



Figure 5: Vaughan Nelson Mid Cap Fund's Total Annual Costs Breakdown

All Cost Types	VNVAX	IWR
Front-End Load	2.19%	
Expense Ratio	1.43%	0.20%
Back-End Load	0.00%	122
Redemption Fee	0.00%	322
Transaction Costs	0.00%	122
Total Annual Costs	3.62%	0.20%

Sources: New Constructs, LLC, company, ETF, and mutual fund filings

To justify charging higher fees, VNVAX must outperform its benchmark by 342 basis points annually over three years.

However, VNVAX's load-adjusted 3-year quarter-end average annual total return has underperformed IWR by 134 basis points and SPY by 862 basis points. VNVAX has also underperformed IWR over the 1-year and 10-year periods.

Given that 55% of its assets are allocated to stocks with Unattractive-or-worse ratings, and 85% are allocated to stocks with Neutral-or-worse ratings, VNVAX is likely to continue underperforming.

## Get an Edge from Holdings-Based Fund Analysis Based on Superior Stock Research

We offer clients in-depth reports for all ~7,100+ ETFs and mutual funds under coverage. Click below for a free copy of our VNVAX standard mutual fund report.

## Free copy of our VNVAX report

Smart fund (or ETF) investing means analyzing each of the holdings of a fund. Failure to do so is a failure to perform proper due diligence. Simply buying an ETF or mutual fund based on past performance does not necessarily lead to outperformance. Only thorough holdings-based research can help determine if a fund's methodology leads managers to pick high-quality or low-quality stocks.

Our Robo-Analyst technology analyzes the holdings of all 454 ETFs and mutual funds in the Mid Cap Blend style and 7,100+ ETFs and mutual funds under coverage to avoid "the danger within".

#### Easily Make Any Fund, Even VNVAX, Better

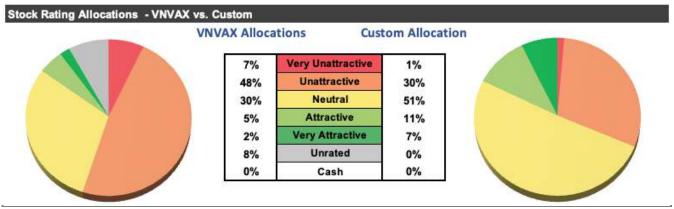
As we show in <u>The Paradigm Shift to DIY ETFs</u>, new technologies enable investors to create their own fund without any fees while also enabling better, more sophisticated weighting methodologies. For example, if we reallocate the fund's capital to the companies with the best Core Earnings, our <u>customized fund</u> allocates more capital to better stocks:

- 18% of assets to Attractive-or-better rated stocks (compared to 7% for VNVAX)
- 31% of assets to Unattractive-or-worse rated stocks (compared to 55% for VNVAX)

Compare the quality of stock allocation in as-is VNVAX vs. our customed version of VNVAX in Figure 6. While we can't fix the bad stock picks, we can, at least, be sure to allocate more capital to the better stocks.



Figure 6: Vaughan Nelson Mid Cap Fund Allocation Could Be Improved



Sources: New Constructs, LLC, company, and mutual fund filings

Note that our DIY ETF tool allows clients to pick and weight portfolio holdings based on multiple proprietary metrics, such as <u>Core Earnings</u>, <u>Economic Earnings</u>, <u>ROIC</u>, <u>Net Operating Profit After Tax</u> and more.

## **Check Out the Indices Based on New Constructs Research**

While we're writing about creating your own fund, we should highlight the indices we've developed with Bloomberg's Index Licensing Group. All three outperformed the S&P 500 over the past five years. See Figures 7-9.

- 1. Bloomberg New Constructs Core Earnings Leaders Index (ticker: BCORET:IND)
- 2. Bloomberg New Constructs Ratings VA-1 Index (ticker: BNCVA1T:IND)
- 3. Bloomberg New Constructs 500 Index (ticker: B500NCT:IND)

The Bloomberg New Constructs Core Earnings Leaders Index beat the S&P 500 by 44% over the past five years. The Index (ticker: <u>BCORET:IND</u>) was up 137% while the S&P 500 was up 92%. See Figure 7 for details.



**Bloomberg New Constructs Core** Following **Earnings Leaders Total Return** Index BCORET:IND Core Earnings Leaders Index beat the S&P 500 by (USD) · Market open 44% over the past five years. 5,226.71 46.72 +0.90% As of 11:30 AM EDT 10/20/25. Summary Related News Index Info 1D 1M YTD 5Y Q SPX:IND SPX:IND +92.30% × ■ BCORET:IND +136.58% Oct 17, 2025 25.00% 50.00% -25.00% 100.00% 2021 2022 2023 2024 2025

Figure 7: Bloomberg New Constructs Core Earnings Leaders Index Outperforms the S&P 500

Sources: Bloomberg as of October 17, 2025 Note: Past performance is no guarantee of future results.

The "Very Attractive Stocks" Index beat the S&P 500 by 52% over the past five years. Bloomberg's official name for the index is Bloomberg New Constructs Ratings VA-1Index (ticker: BNCVAT1T:IND). Figure 8 shows it was up 145% while the S&P 500 was up 92%.



**Bloomberg New Constructs** Following Ratings VA-1 Total Return Index BNCVA1T:IND The Very Attractive Stocks (USD) · Market open Index beat the S&P 500 by 52% over the past five years. 3,323.74 43.53+0.11% As of 11:28 AM EDT 10/20/25. Related News Index Info Summary 1D 1M YTD Q SPX:IND ■ BNCVA1T:IND +144.75% SPX:IND +92.30% × Oct 17, 2025 200.00% 125.00% 50.00% 25.00% 100.00% 2021 2022 2023 2024 2025

Figure 8: Very Attractive-Rated Stocks Strongly Outperform the S&P 500

Sources: Bloomberg as of October 17, 2025

Note: Past performance is no guarantee of future results.

Our "Core-Earnings Weighted S&P 500" Index beat the S&P 500 by 30% over the past five years. Bloomberg's official name for the index is Bloomberg New Constructs 500 Total Return Index (ticker: BNCVAT1T:IND). Figure 9 shows it was up 122% while the S&P 500 was up 92%.



**Bloomberg New Constructs 500** Following Total Return Index B500NCT:IND The Bloomberg New Constructs (USD) · Market open 500 Index beat the S&P 500 by 30% over the past five years. 4,828.13 As of 11:15 AM EDT 10/20/25. Summary Related News Index Info YTD Q SPX:IND ■ B500NCT:IND +122.45% SPX:IND +92.30% Oct 17, 2025 50.00% 25.00% 100.00% 2021 2022 2023 2024 2025

Figure 9: Bloomberg New Constructs 500 Index Strongly Outperforms the S&P 500

Sources: Bloomberg as of October 17, 2025

Note: Past performance is no guarantee of future results.

#### **Better Options for Mid Cap Blend Funds**

Below we present Mid Cap Blend ETFs or mutual funds that feature an Attractive rating, >\$100 million in assets under management, and below average TAC:

- 1. Vanguard U.S. Multifactor ETF (VFMF) 0.20% TAC and Very Attractive rating
- 2. Boston Trust Walden Mid Cap Fund (WAMFX) 1.13% TAC and Very Attractive rating
- 3. Franklin U.S. Mid Cap Multifactor Index ETF (FLQM) 0.33% TAC and Very Attractive rating

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Disclosure: David Trainer, Kyle Guske II, and Hakan Salt receive no compensation to write about any specific stock, sector, style, or theme.

Questions on this report or others? Join our online community and connect with us directly.



# It's Official: We Deliver 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. The stock market is missing footnotes and only we have that critical data.
- 2. Legacy fundamental datasets suffer from significant inaccuracies, omissions, and biases.
- 3. Our proprietary drives novel alpha. Our 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**

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 <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, 2<sup>nd</sup> para.

## **Superior Models**

Ernst & Young 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 guotes 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, 5<sup>th</sup> 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, 2<sup>nd</sup> para.

## **Superior Stock Ratings**

Robo-Analysts' stock ratings outperform those from human analysts as shown in this <u>paper</u> from Harvard Business School. 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, 3<sup>rd</sup> para.
- "Our results ultimately suggest that Robo-Analysts are a valuable, alternative information intermediary to traditional sell-side analysts." pp. 20, 3<sup>rd</sup> 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 <a href="here">here</a>.



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