



### Investment Style Ratings for ETFs, Mutual Funds & Stocks

At the beginning of 4Q24, the All Cap Value, Large Cap Blend, and Large Cap Value styles earn Attractive-or-better rating. Our style ratings are based on a normalized aggregation of our fund ratings for every ETF and mutual fund in a given style. Our fund ratings are based on aggregations of the ratings of the stocks they hold. See last quarter's Style Ratings [here](#).

Investors looking for style funds that hold quality stocks should focus on the All Cap Value, Large Cap Blend, and Large Cap Value styles. Figures 4 through 7 provide more details on the ratings of overall styles, underlying assets, and individual funds. The primary driver behind an Attractive fund rating is good [portfolio management](#), or good stock-picking, with low [total annual costs](#).

Attractive-or-better ratings do not always correlate with Attractive-or-better total annual costs. This fact underscores that (1) [cheap funds can dupe investors](#) and (2) investors should invest only in funds with good stocks and low fees.

More reliable and [proprietary](#) fundamental data, proven in [The Journal of Financial Economics](#), drives our research. Our [Robo-Analyst technology](#)<sup>1</sup> empowers our unique [ETF and mutual fund rating methodology](#), which leverages our rigorous analysis of each fund's holdings.<sup>2</sup> Our [Core Earnings](#)<sup>3</sup> and Earnings Distortion factor general [novel alpha](#).

Learn more about the best fundamental research

See Figures 4 through 13 for a detailed breakdown of ratings distributions by investment style. See our [ETF & mutual fund screener](#) for rankings, ratings, and reports on 6,300+ mutual funds and 1,000+ ETFs. Our fund rating methodology is detailed [here](#).

All of our reports on the best & worst ETFs and mutual funds in every investment style are available [here](#).

**Figure 1: Ratings for All Investment Styles**

Style	Overall Rating
All Cap Value	Very Attractive
Large Cap Blend	Attractive
Large Cap Value	Attractive
All Cap Blend	Neutral
Large Cap Growth	Neutral
All Cap Growth	Neutral
Mid Cap Blend	Neutral
Small Cap Value	Neutral
Mid Cap Growth	Neutral
Mid Cap Value	Unattractive
Small Cap Blend	Unattractive
Small Cap Growth	Very Unattractive

Source: New Constructs, LLC and company filings

To earn an Attractive-or-better Predictive Rating, an ETF or mutual fund must have high-quality holdings and

<sup>1</sup> Harvard Business School features our research automation technology in the case [Disrupting Fundamental Analysis with Robo-Analysts](#).

<sup>2</sup> See how our models overcome flaws in Bloomberg and Capital IQ's (SPGI) analytics in the [detailed appendix of this paper](#).

<sup>3</sup> [The Journal of Financial Economics](#) proves that only Core Earnings enable investors to overcome the flaws in legacy fundamental data.



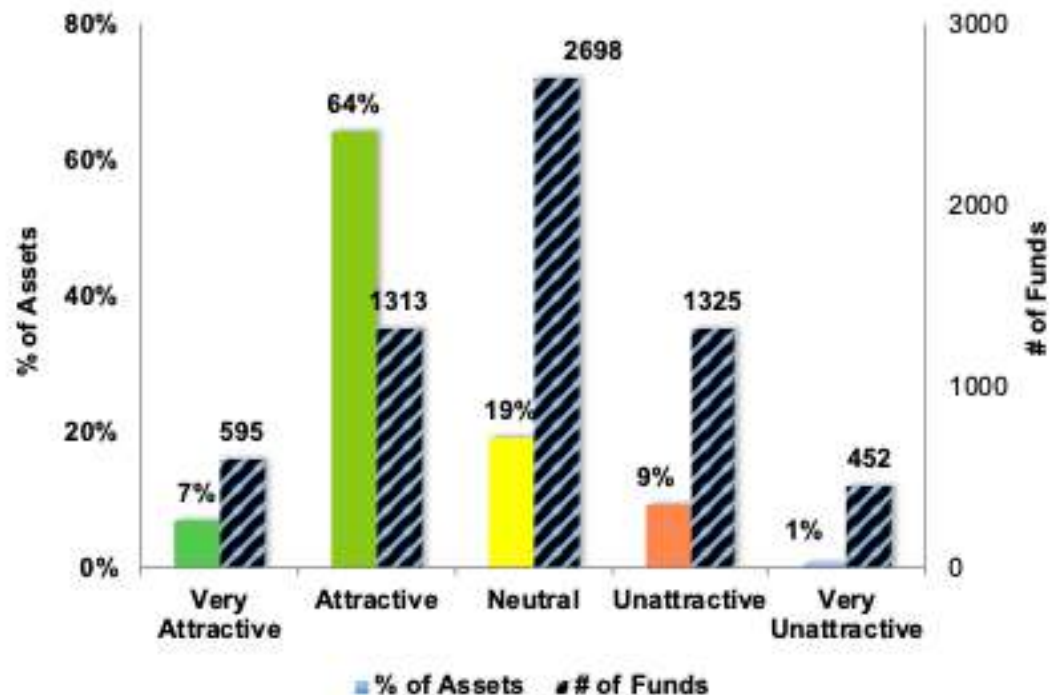
low costs. Only the top 30% of all ETFs and mutual funds earn our Attractive-or-better rating.

Euclidean Fundamental Value ETF (ECML) is the top rated All Cap Value fund. It gets our Very Attractive rating by allocating over 63% of its value to Attractive-or-better-rated stocks.

Victory RS Small Cap Equity Fund (GPSCX) is one of the worst rated Small Cap Growth funds. It gets our Very Unattractive rating by allocating over 70% of its value to Unattractive-or-worse-rated stocks. Making matters worse, it charges investors total annual costs of 4.72%.

Figure 2 shows the distribution of our Predictive Ratings for all investment style ETFs and mutual funds.

**Figure 2: Distribution of ETFs & Mutual Funds (Assets and Count) by Predictive Rating**



Source: New Constructs, LLC and company filings

Figure 3 offers additional details on the quality of the investment style funds. Note that the average total annual cost of Very Unattractive funds is more than seven times that of Very Attractive funds.

**Figure 3: Predictive Rating Distribution Stats**

	Very Attractive	Attractive	Neutral	Unattractive	Very Unattractive
# of ETFs & Funds	595	1313	2698	1325	452
% of ETFs & Funds	9%	21%	42%	21%	7%
% of TNA	7%	64%	19%	9%	1%
Avg TAC	0.34%	0.19%	1.13%	1.51%	2.64%

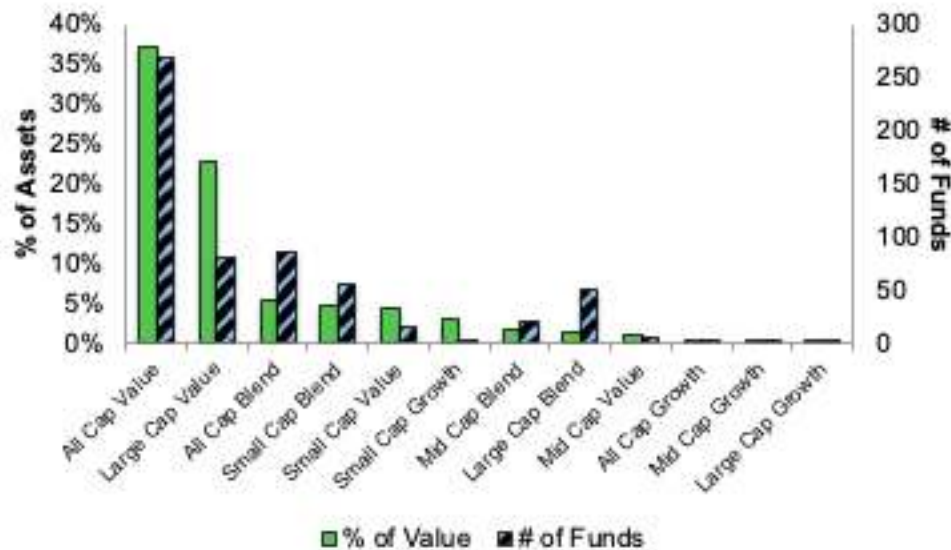
\* Avg TAC = Weighted Average Total Annual Costs

Source: New Constructs, LLC and company filings

This table shows that only the best of the best funds get our Very Attractive Rating: they must hold good stocks AND have low costs.

**Ratings by Investment Style**

Figure 4 presents a mapping of Very Attractive funds by investment style. The chart shows the number of Very Attractive funds in each style and the percentage of assets allocated to Very Attractive-rated funds.

**Figure 4: Very Attractive ETFs & Mutual Funds by Investment Style**

Source: New Constructs, LLC and company filings

Figure 5 presents the data charted in Figure 4.

**Figure 5: Very Attractive ETFs & Mutual Funds by Investment Style**

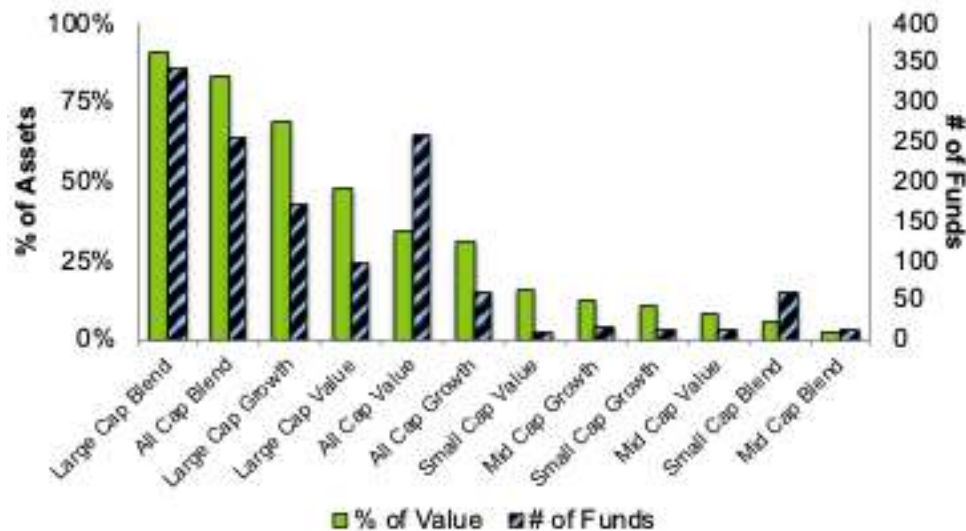
Style	% of Style Assets	# of Very Attractive Funds	% of Very Attractive Funds in Style
All Cap Value	37%	269	27%
Large Cap Value	23%	81	26%
All Cap Blend	6%	87	10%
Small Cap Blend	5%	57	7%
Small Cap Value	4%	16	11%
Small Cap Growth	3%	3	1%
Mid Cap Blend	2%	20	6%
Large Cap Blend	2%	51	7%
Mid Cap Value	1%	7	5%
All Cap Growth	0%	2	0%
Mid Cap Growth	0%	1	0%
Large Cap Growth	0%	1	0%

Source: New Constructs, LLC and company filings



Figure 6 presents a mapping of Attractive funds by investment style. The chart shows the number of Attractive funds in each style and the percentage of assets allocated to Attractive-rated funds.

**Figure 6: Attractive ETFs & Mutual Funds by Investment Style**



Source: New Constructs, LLC and company filings

Figure 7 presents the data charted in Figure 6.

**Figure 7: Attractive ETFs & Mutual Funds by Investment Style**

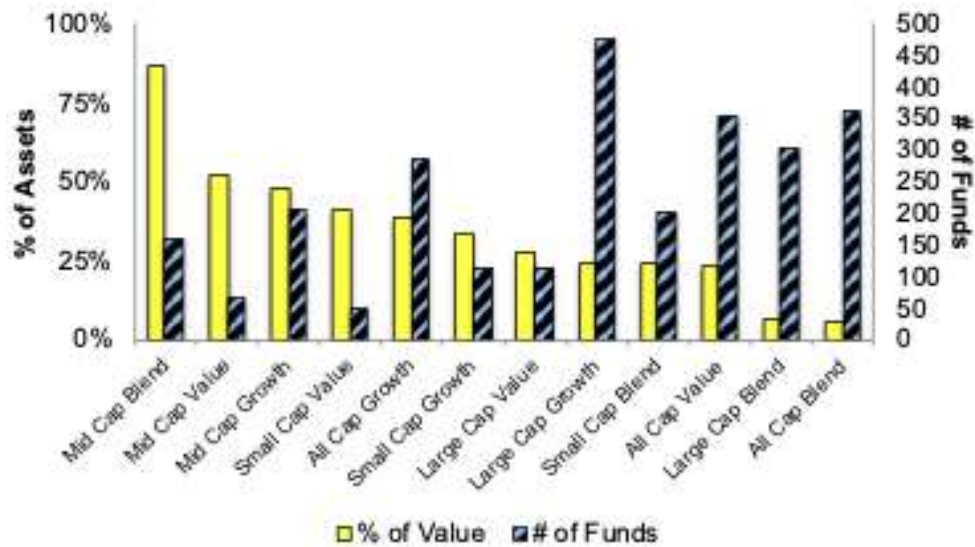
Style	% of Style Assets	# of Attractive Funds	% of Attractive Funds in Style
Large Cap Blend	91%	343	46%
All Cap Blend	83%	254	30%
Large Cap Growth	69%	173	23%
Large Cap Value	48%	98	31%
All Cap Value	35%	260	26%
All Cap Growth	31%	61	15%
Small Cap Value	16%	9	6%
Mid Cap Growth	13%	17	5%
Small Cap Growth	10%	13	3%
Mid Cap Value	8%	12	9%
Small Cap Blend	6%	59	7%
Mid Cap Blend	3%	14	4%

Source: New Constructs, LLC and company filings



Figure 8 presents a mapping of Neutral funds by investment style. The chart shows the number of Neutral funds in each style and the percentage of assets allocated to Neutral-rated funds.

**Figure 8: Neutral ETFs & Mutual Funds by Investment Style**



Source: New Constructs, LLC and company filings

Figure 9 presents the data charted in Figure 8.

**Figure 9: Neutral ETFs & Mutual Funds by Investment Style**

Style	% of Style Assets	# of Neutral Funds	% of Neutral Funds in Style
Mid Cap Blend	87%	160	49%
Mid Cap Value	52%	68	49%
Mid Cap Growth	48%	206	63%
Small Cap Value	41%	52	36%
All Cap Growth	39%	285	68%
Small Cap Growth	34%	114	23%
Large Cap Value	27%	115	37%
Large Cap Growth	25%	475	64%
Small Cap Blend	25%	203	23%
All Cap Value	24%	355	35%
Large Cap Blend	6%	304	41%
All Cap Blend	6%	361	42%

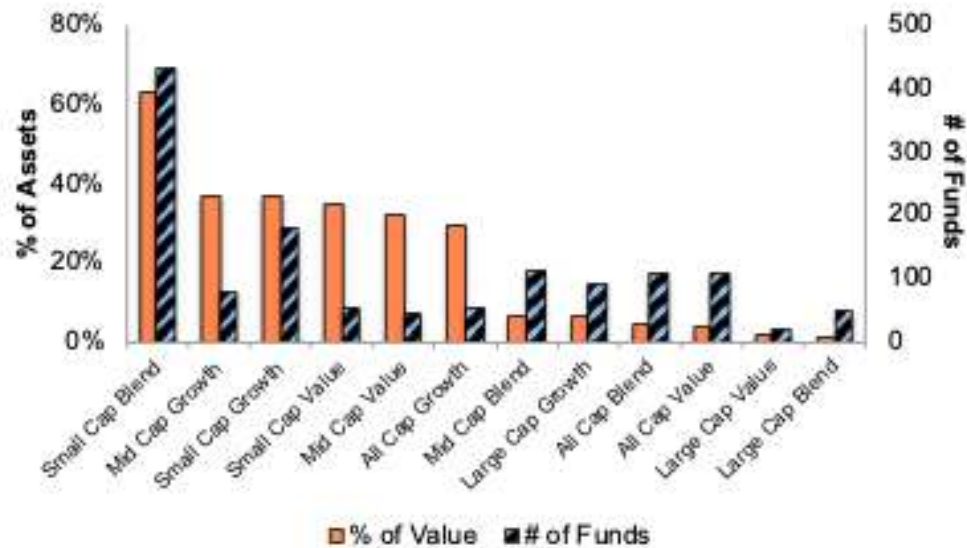
Source: New Constructs, LLC and company filings



Figure 10 presents a mapping of Unattractive funds by investment style. The chart shows the number of Unattractive funds in each style and the percentage of assets allocated to Unattractive-rated funds.

The landscape of style ETFs and mutual funds is littered with Unattractive funds. Investors in Small Cap Blend have put over 63% of their assets in Unattractive-rated funds.

**Figure 10: Unattractive ETFs & Mutual Funds by Investment Style**



Source: New Constructs, LLC and company filings

Figure 11 presents the data charted in Figure 10.

**Figure 11: Unattractive ETFs & Mutual Funds by Investment Style**

Style	% of Style Assets	# of Unattractive Funds	% of Unattractive Funds in Style
Small Cap Blend	63%	431	49%
Mid Cap Growth	37%	78	24%
Small Cap Growth	37%	179	37%
Small Cap Value	35%	55	38%
Mid Cap Value	32%	46	33%
All Cap Growth	30%	52	12%
Mid Cap Blend	7%	111	34%
Large Cap Growth	6%	93	12%
All Cap Blend	5%	107	13%
All Cap Value	4%	106	11%
Large Cap Value	2%	19	6%
Large Cap Blend	1%	48	6%

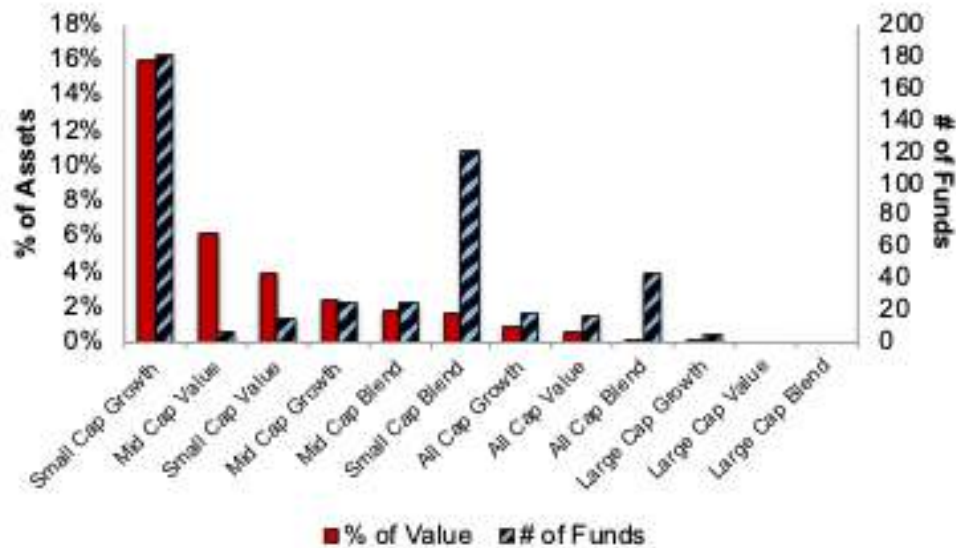
Source: New Constructs, LLC and company filings





Figure 12 presents a mapping of Very Unattractive funds by investment style. The chart shows the number of Very Unattractive funds in each style and the percentage of assets allocated to Very Unattractive-rated funds.

**Figure 12: Very Unattractive ETFs & Mutual Funds by Investment Style**



Source: New Constructs, LLC and company filings

Figure 13 presents the data charted in Figure 12.

**Figure 13: Very Unattractive ETFs & Mutual Funds by Investment Style**

Style	% of Style Assets	# of Very Unattractive Funds	% of Very Unattractive Funds in Style
Small Cap Growth	16%	181	37%
Mid Cap Value	6%	6	4%
Small Cap Value	4%	14	10%
Mid Cap Growth	2%	24	7%
Mid Cap Blend	2%	24	7%
Small Cap Blend	2%	121	14%
All Cap Growth	1%	18	4%
All Cap Value	1%	17	2%
All Cap Blend	0%	43	5%
Large Cap Growth	0%	4	1%
Large Cap Value	0%	0	0%
Large Cap Blend	0%	0	0%

Source: New Constructs, LLC and company filings

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

Questions on this report or others? Join our [online community](#) and connect with us directly.



## Appendix: Predictive Fund Rating System

New Constructs' [Predictive fund Ratings](#) enable smarter investing by assessing the key drivers of future fund performance. We start by analyzing every funds' holdings based on New Constructs' stock ratings, which are regularly featured as among the [best by Barron's](#). Next, we measure and rank the all-in fund expenses. Finally, we rank the fund compared to all other funds to identify the best and worst funds in the market.

Intuitively, there are two drivers for future fund performance.

1. Stock-picking ([Portfolio Management Rating](#)) and
2. Fund expenses ([Total Annual Costs Rating](#))

Our Predictive Fund Rating is based on these drivers and the fund's ranking:

1. Top 10% = Very Attractive Rating
2. Next 20% = Attractive Rating
3. Next 40% = Neutral Rating
4. Next 20% = Unattractive Rating
5. Bottom 10% = Very Unattractive Rating

The figure below details the criteria that drive our Predictive Rating system for funds. The two drivers of our predictive ratings system are Portfolio Management and Total Annual Costs. The Portfolio Management ratings (detail [here](#)) is the same as our Stock Rating (detail [here](#)) except that we incorporate Asset Allocation (details [here](#)). The Total Annual Costs Ratings (details [here](#)) captures the all-in costs of being in a fund over a 3-year holding period, the average period for all mutual funds.

Predictive Rating	Portfolio Management Rating						Total Annual Costs
	Business Strength		Valuation			Cash Allocation	
	Quality of Earnings	Return on Invested Capital	FCF Yield	Price to Economic Book Value	Market-Implied Duration of Growth		
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%





## ***It's Official: We Deliver the Best Fundamental Data in the World***

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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. 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 [Core Earnings](#) and [Earnings Distortion](#) materially improve stock picking and forecasting of profits.

### **Best Fundamental Data in the World**

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, 1<sup>st</sup> 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 [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, 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 [paper](#) 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 [here](#).



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