



ETF & Mutual Fund Rankings: Technology Sector

The Technology sector ranks eighth out of the 11 sectors as detailed in our [2Q20 Sector Ratings for ETFs and Mutual Funds](#) report. [Last quarter](#), the Technology sector ranked eighth. It gets our Neutral rating, which is based on an aggregation of ratings of the 456 stocks in the Technology sector as of April 11, 2020. See a recap of our [1Q20 Sector Ratings here](#).

Figures 1 and 2 show the five best and worst rated ETFs and mutual funds in the sector. Not all Technology sector ETFs and mutual funds are created the same. The number of holdings varies widely (from 21 to 385). This variation creates drastically different investment implications and, therefore, ratings.

Get the best fundamental research

Investors seeking exposure to the Technology sector should buy one of the Attractive-or-better rated ETFs or mutual funds from Figures 1 and 2.

Our [Robo-Analyst technology](#)¹ empowers our unique [ETF and mutual fund rating methodology](#), which leverages our rigorous analysis of each fund's holdings.² Only our research utilizes the superior data and earnings adjustments featured by the HBS & MIT Sloan paper, "[Core Earnings: New Data and Evidence](#)." We think advisors and investors focused on prudent investment decisions should include analysis of fund holdings in their research process for ETFs and mutual funds.

Figure 1: ETFs with the Best & Worst Ratings – Top 5

Allocation of ETF Holdings				
Ticker	Attractive-or-better-Stocks	Neutral Stocks	Unattractive-or-worse-Stocks	Predictive Rating
Best ETFs				
TDIV	46%	38%	11%	Attractive
IYW	46%	31%	22%	Neutral
IXN	29%	38%	20%	Neutral
CIBR	13%	24%	50%	Neutral
XLK	34%	43%	23%	Neutral
Worst ETFs				
IBUY	15%	17%	49%	Very Unattractive
LOUP	3%	27%	51%	Very Unattractive
WCLD	0%	12%	84%	Very Unattractive
ARKK	0%	20%	63%	Very Unattractive
ARKW	2%	19%	72%	Very Unattractive

* Best ETFs exclude ETFs with TNAs less than \$100 million for inadequate liquidity.

Sources: New Constructs, LLC and company filings

Five ETFs (TDV, IDRV, KOIN, IHAK, PXQ) are excluded from Figure 1 because their total net assets (TNA) are below \$100 million and do not meet our liquidity minimums.

¹ Harvard Business School features the powerful impact of our research automation technology in the case [New Constructs: Disrupting Fundamental Analysis with Robo-Analysts](#).

² This [paper](#) compares our analytics on a mega cap company to other major providers. The Appendix details exactly how we stack up.



Figure 2: Mutual Funds with the Best & Worst Ratings – Top 5

Allocation of MF Holdings				
Ticker	Attractive-or-better-Stocks	Neutral Stocks	Unattractive-or-worse-Stocks	Predictive Rating
Best MFs				
NWJEX	24%	41%	32%	Neutral
NWJFX	24%	41%	32%	Neutral
TSNIX	28%	17%	25%	Neutral
PRSCX	28%	17%	25%	Neutral
ROGSX	43%	37%	18%	Neutral
Worst MFs				
ADNCX	0%	19%	62%	Very Unattractive
RAGTX	15%	19%	55%	Very Unattractive
KINAX	7%	20%	22%	Very Unattractive
ADNAX	0%	19%	62%	Very Unattractive
RSIFX	10%	16%	49%	Very Unattractive

* Best mutual funds exclude funds with TNAs less than \$100 million for inadequate liquidity.

Sources: New Constructs, LLC and company filings

TDIV is the top-rated Technology ETF and NWJEX is the top-rated Technology mutual fund. TDIV earns an Attractive rating and NWJEX earns a Neutral rating.

ARKW is the worst rated Technology ETF and RSIFX is the worst Technology mutual fund. They both earn a Very Unattractive rating.

456 stocks of the 2850+ we cover are classified as Technology stocks.

The Danger Within

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

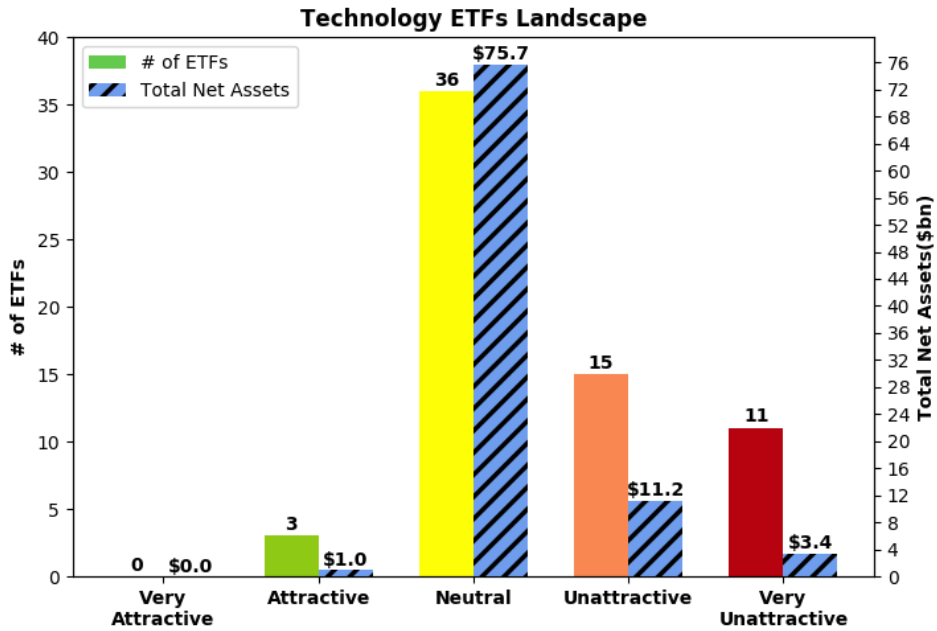
PERFORMANCE OF HOLDINGs = PERFORMANCE OF FUND

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.



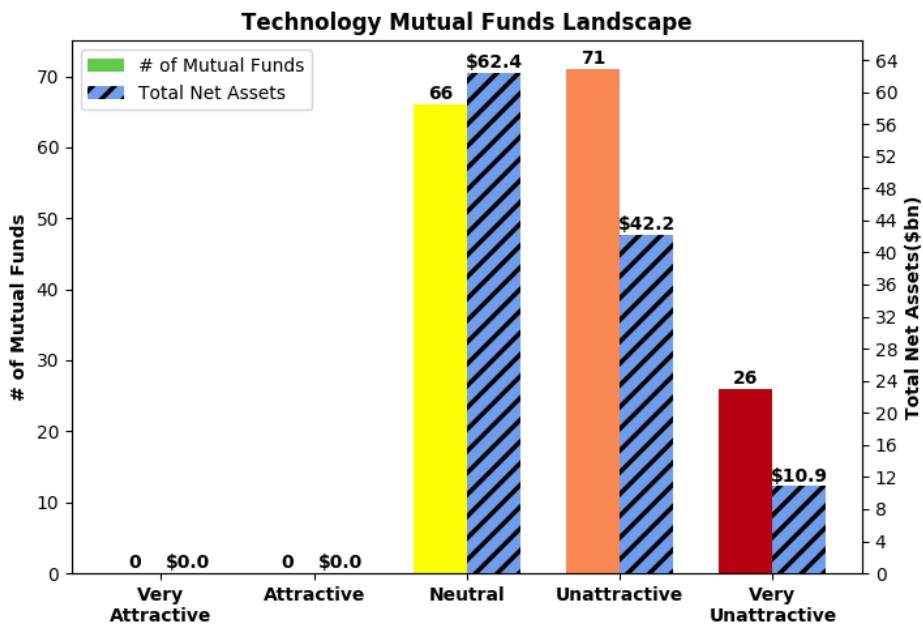
Figures 3 and 4 show the rating landscape of all Technology ETFs and mutual funds.

Figure 3: Separating the Best ETFs From the Worst ETFs



Sources: New Constructs, LLC and company filings

Figure 4: Separating the Best Mutual Funds from the Worst Mutual Funds



Sources: New Constructs, LLC and company filings

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

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Footnotes adjustments matter. We are the ONLY source.

We provide ratings, models, reports & screeners on U.S. 3,000 stocks, 700 ETFs and 7,000 mutual funds.

HBS & MIT Sloan research reveals that:

- **Markets are inefficiently assessing earnings because no one reads the footnotes.**
- **Corporate managers hide gains/losses in footnotes to manage earnings.**
- **Our technology brings the material footnotes data to market for the first time ever.**

Combining human expertise with NLP/ML/AI technologies ([featured by Harvard Business School](#)), we shine a light in the dark corners (e.g. footnotes) of hundreds of thousands of financial filings to unearth critical details.

The HBS & MIT Sloan paper, [Core Earnings: New Data and Evidence](#), shows how our superior data drives uniquely comprehensive and independent debt and equity research.

This [paper](#) compares our analytics on a mega cap company to other major providers. The Appendix details exactly how we stack up.

Learn [more](#).

Quotes from HBS & MIT Sloan professors on our research:

Get better research:

“...the NC dataset provides a novel opportunity to study the properties of non-operating items disclosed in 10-Ks, and to examine the extent to which the market impounds their implications.” – page 20

Pick better stocks:

“Trading strategies that exploit cross-sectional differences in firms’ transitory earnings produce abnormal returns of 7-to-10% per year.” – Abstract

Avoid losses from using other firms’ data:

“...many of the income-statement-relevant quantitative disclosures collected by NC do not appear to be easily identifiable in Compustat...” – page 14

Build better models:

“Core Earnings [calculated using New Constructs’ novel dataset] provides predictive power for various measures of one-year-ahead performance...that is incremental to their current-period counterparts.” – page 4

Exploit market inefficiencies:

“These results ... suggest that the adjustments made by analysts and Compustat to better capture core earnings are incomplete. Moreover, the non-core items identified by NC produce a measure of core earnings that is incremental to alternative measures of operating performance in predicting an array of future income measures.” – page 26

Fulfill fiduciary duties:

“An appropriate measure of accounting performance for purposes of forecasting future performance requires detailed analysis of all quantitative performance disclosures detailed in the annual report, including those reported only in the footnotes and in the MD&A.” – page 33-34



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