

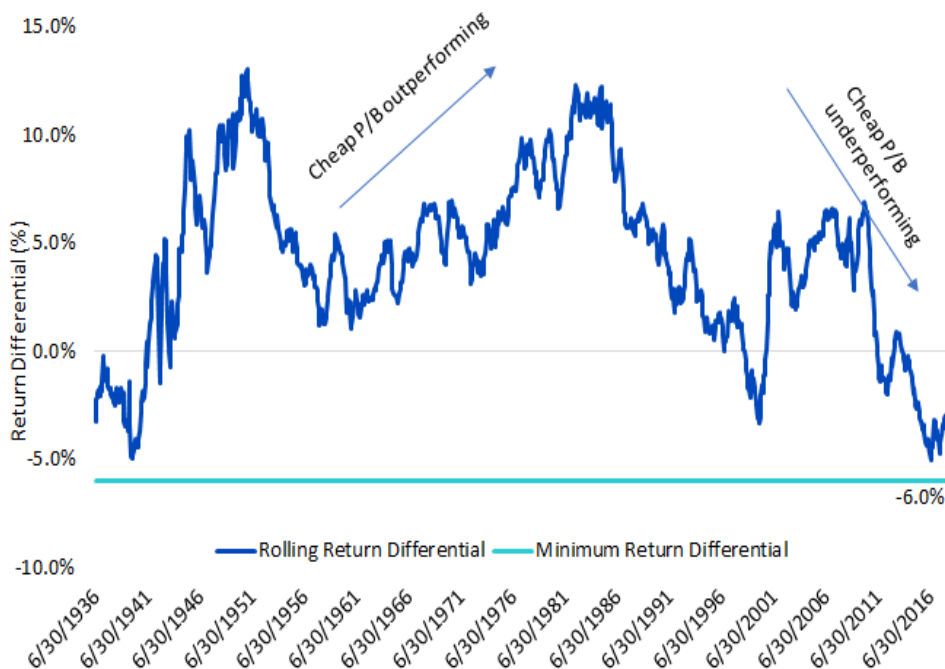
HAS VALUE INVESTING GONE OUT OF STYLE?

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Is [value](#) dead? Or do the enthusiasts of the Russell index family and the Fama-French Factor Model need to re-evaluate [price-to-book ratio \(P/B\)](#) as the primary metric used in defining value stocks?

The decade ending September 2018 was the single worst decade in history for P/B as a factor-sort of the market.

Rolling 10-Year Return Differentials: Cheap vs. Expensive Price-to-Book



Source: Fama-French Data Library, 6/30/1926–11/30/2018. “Expensive” based on lowest 30% of companies ranked based on P/B and “Cheap” based on the highest 30%. Returns based on available data for companies included in the Center for Research in Security Prices database and listed on the New York Stock Exchange, American Stock Exchange or NASDAQ stock exchange. Portfolios are market capitalization-weighted and rebalanced annually at the end of June.

Deteriorating Power?

In their seminal factor paper, Fama and French wrote: “there is no evidence that its explanatory power deteriorates through time.”¹

Perhaps they will consider the new evidence.

In 616 of the 679 10-year periods from 1926 through to the end of 1992, the cheap stocks outperformed the expensive stocks, with the median performance advantage greater than 500 [basis points \(bps\)](#) per year.

But recent returns have been trending down as we saw earlier with the recent single worst decade for low-P/B stocks compared to high-P/B stocks.

This is not just an academic exercise on the limits to [valuation](#)-oriented investing.

The Russell family of indexes, established in 1979—ahead of the Fama-French research—utilizes P/B as the primary determinant of what defines a value stock. It now has been 40 years since the creation of that index family and the [Russell 1000 value Index](#) has outperformed the [Russell 1000 Growth Index](#).²

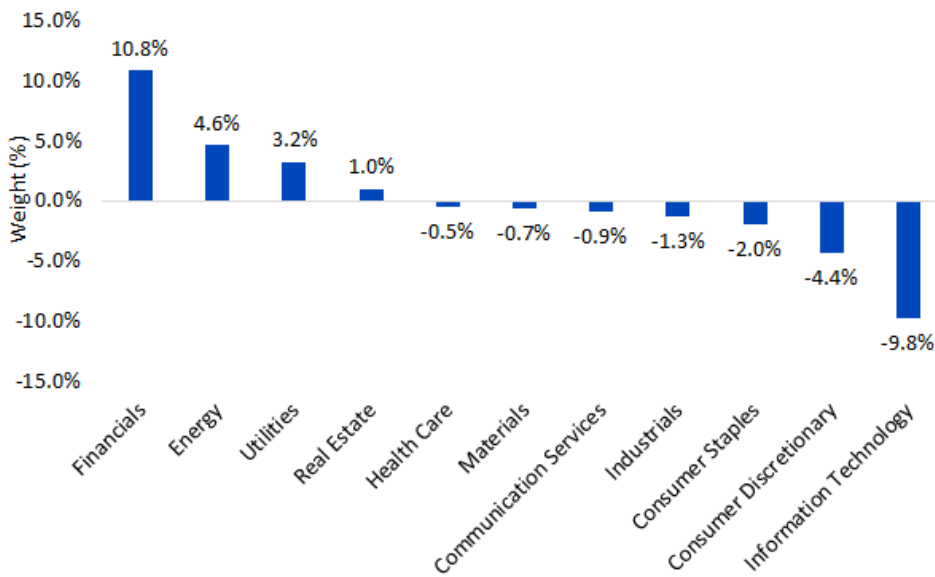
But consistent with the recent downward trend in relative performance, over the past 30 years, the Russell value has lagged the Russell 1000 Growth by 21 bps annualized, with more recent underperformance significantly greater.³

What Caused Recent Underperformance of Value?

It was primarily sector tilts that caused the lagging performance for Russell Value. P/B sorting of the market as a value strategy results in chronic sector tilts, particularly toward Financial stocks and away from Technology stocks.

On average, the Russell 1000 value Index has been overweight Financials by 11%, and underweight Information Technology by 10% over last decade. These bets are persistent and likely will continue for some time.

Russell 1000 Value Index vs. Russell 1000 Index Average Active Weights: Trailing 10-Years



Sources: WisdomTree, FactSet, 12/31/08–12/31/18. Past performance is not indicative of future results. You cannot invest directly in an index.

A sector attribution of Russell 1000 Index performance relative to the Russell 1000 Value Index over the past decade can help dissect this performance impact.

Of the 210 bps of outperformance for the Russell 1000 Index over the Russell 1000 Value, 83 bps came from the Information Technology sector alone.

Trailing 10-Year Attribution of Russell 1000 Index vs. Russell 1000 Value Index: Information Technology and Financials

Sector	Average Sector Weights			Total Return			
	Russell 1000 Index	Russell 1000 Value Index	+/-	Russell 1000 Index	Russell 1000 Value Index	+/-	Total Attribution
Information Technology	17.36%	7.52%	9.84%	18.30%	17.74%	0.55%	0.83%
Financials	13.93%	24.71%	-10.78%	10.72%	10.23%	0.50%	0.04%
Total	100.00%	100.00%	0.00%	13.28%	11.18%	2.10%	2.10%

Sources: WisdomTree, FactSet, 12/31/08–12/31/18. You cannot invest directly in an index.

A number of market commentators believe the epic run of outperformance by [growth](#) stocks will end and that value is destined to turn around.

This may be true, but clearly the most important ingredient for that turn would be Financials outperforming Technology. How confident are you in that outcome?

WisdomTree will be coming back to this topic in 2019, particularly focusing on new value-sensitive index strategies that do not contain persistent sector biases.

¹Eugene F. Fama and Kenneth R. French, "The Cross-Section of Expected Stock Returns," The Journal of Finance, 6/1992.

²Source: WisdomTree, Zephyr StyleAdvisor, 12/31/1979-12/31/2018.

³Source: Zephyr StyleAdvisor, 12/31/1988-12/31/2018

For standardized performance and the most recent month-end performance click [here](#) NOTE, this material is intended for electronic use only. Individuals who intend to print and physically deliver to an investor must print the monthly performance report to accompany this blog.

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DEFINITIONS

Value: Characterized by lower price levels relative to fundamentals, such as earnings or dividends. Prices are lower because investors are less certain of the performance of these fundamentals in the future. This term is also related to the Value Factor, which associates these stock characteristics with excess returns vs the market over time.

Price-to-book ratio: Share price divided by book value per share. Lower numbers indicate an ability to access greater amounts of earnings per dollar invested.

Basis point: 1/100th of 1 percent.

Valuation: Refers to metrics that relate financial statistics for equities to their price levels to determine if certain attributes, such as earnings or dividends, are cheap or expensive.

Russell 1000 Value Index: A measure of the large-cap value segment of the U.S. equity universe, selecting from the Russell 1000 Index.

Russell 1000 Growth Index: A measure of the large-cap growth segment of the U.S. equity universe, selecting from the Russell 1000 Index.

Growth: Characterized by higher price levels relative to fundamentals, such as dividends or earnings. Price levels are higher because investors are willing to pay more due to their expectations of future improvements in these fundamentals.