

## **Proof Is in Performance Thru 2Q19**

#### Model Portfolios

- This report updates performance of our Model Portfolios:
  - Exec Comp Aligned With ROIC
  - Safest Dividend Yields
  - Dividend Growth Stocks
  - Most Attractive & Most Dangerous
- The Exec Comp Aligned with ROIC Model Portfolio beat the S&P 500 by 3.4% through 2Q19.
- The Safest Dividend Yields Model Portfolio underperformed the S&P 500 on a price and total return basis through 2Q19.
- The Dividend Growth Model Portfolio beat the S&P 500 by 1.9% price return and 2.4% total return through 2Q19.1
- The Most Attractive and Most Dangerous Stocks reports offer multiple strategies to outperform in good and bad markets.
  - Our small cap short strategy beat the short Russell 2000 by 7% through 2Q19.
  - Our large cap long/short strategy beat the Risk-Free Rate by 5% through 2Q19.
  - Our large and small cap short strategy beat the short S&P 500 and Russell 2000 by 5% through 2Q19.
  - These strategies (and others) beat their benchmarks by much more since inception in January 2005.

#### **Keys to Our Success:**

- We leverage our best-in-class data. This paper compares our analytics on a mega cap company to other major providers.
- Our Robo-Analyst technology, featured by Harvard Business School, allows us to rigorously review the financial footnotes to extract critical data that impacts valuation and true cash earnings of 3000+ stocks.
- to identify where market expectations are too high and too low.

#### **Trust**

We deliver the whole truth by incorporating critical data from the Financial Footnotes and MD&A that other firms miss.

#### **Performance**

The value and success of our ratings are noteworthy. See media features and accolades.

#### **More Reports**

Click here to access our research and become a member.







- Our reverse DCF models leverage insights into true cash earnings

<sup>&</sup>lt;sup>1</sup> S&P 500 performance varies for each portfolio due to different publish dates and measurement periods. See the individual portfolio sections below for more details.



### **Exec Comp Aligned with ROIC Model Portfolio**

Figure 1 shows the performance through 2Q19 of the Exec Comp Aligned with ROIC Stocks versus its benchmark, the S&P 500. This performance is measured from January 16, 2019 to July 12, 2019, which represents the performance period of 1Q19 and 2Q19. The stocks in this Model Portfolio must earn an Attractive-or-better rating and align executive compensation with ROIC. For more on the methodology behind the Exec Comp Aligned with ROIC Model Portfolio, click here.

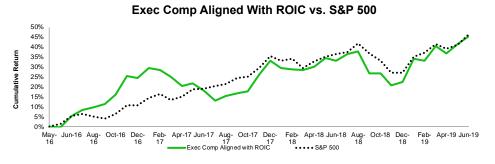
Figure 1: Returns for Exec Comp Aligned with ROIC Portfolio For 2019

Portfolio	1Q	2Q	3Q	4Q	2019
Exec Comp Aligned With ROIC	14.5%	3.6%	-	-	18.6%
S&P 500	11.2%	3.6%	-	-	15.2%
Difference	3.3%	-0.1%	-	-	3.4%

Source: New Constructs, LLC

Note: Gain/Decline performance analysis excludes transaction costs, dividends and rebates.

Figure 2: Exec Comp Aligned with ROIC Portfolio: Cumulative Performance Since Inception



Source: New Constructs, LLC

Note: Gain/Decline performance analysis excludes transaction costs, dividends and rebates. Exec Comp Aligned with ROIC performance measured since inception date, May 2016.



#### Safest Dividend Yields Model Portfolio

Figures 3 and 4 show the price performance through 2Q19 of the Safest Dividend Yields Model Portfolio versus its benchmark, the S&P 500. This performance is measured from January 24, 2019 to July 19, 2019, which represents the performance period of 1Q19 and 2Q19. Figures 5 and 6 show the total return performance through 2Q19 of the Safest Dividend Yields Model Portfolio. This model portfolio offers a well-screened group of stocks that also delivers yields greater than the market (S&P 500 yields ~2%), dividend sustainability because of strong free cash flow, and the potential for capital appreciation as each stock is currently undervalued. For more on the methodology behind the Safest Dividend Yields Model Portfolio, click here.

Figure 3: Price Returns for Safest Dividend Yields Portfolio For 2019

Portfolio	1Q	2Q	3Q	4Q	2019
Safest Dividend Yields	3.6%	-1.4%	-	-	2.1%
S&P 500	10.0%	2.5%	-	-	12.8%
Difference	-6.5%	-3.9%	-	-	-10.7%

Source: New Constructs, LLC

Note: Gain/Decline performance analysis excludes transaction costs, dividends and rebates.

Figure 4: Safest Dividend Yields Portfolio: Cumulative Price Performance Since Inception



Source: New Constructs, LLC

Note: Gain/Decline performance analysis excludes transaction costs, dividends and rebates. Safest Dividend Yields Portfolio performance measured since inception date, October 2016

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Figure 5: Total Returns for Safest Dividend Yields Portfolio For 2019

Portfolio	1Q	2Q	3Q	4Q	2019
Safest Dividend Yields	5.0%	-0.3%	-	-	4.7%
S&P 500	10.5%	3.0%	-	-	13.8%
Difference	-5.5%	-3.3%	-	-	-9.1%

Source: New Constructs, LLC

Note: Gain/Decline performance analysis excludes transaction costs.

Figure 6: Safest Dividend Yields Portfolio: Cumulative Total Return Performance Since Inception



Source: New Constructs, LLC

Note: Gain/Decline performance analysis excludes transaction costs. Safest Dividend Yields Portfolio performance measured since inception date, October 2016



#### **Dividend Growth Stocks Model Portfolio**

Figures 7 and 8 show the price performance through 2Q19 of the Dividend Growth Stocks Model Portfolio versus its benchmark, the S&P 500. This performance is measured from January 30, 2019 to July 26, 2019, which represents the performance period of 1Q19 and 2Q19. Figures 9 and 10 show the total return performance through 2Q19 of the Dividend Growth Stocks Model Portfolio. This model portfolio mimics an All-Cap Blend portfolio with a focus on dividend growth. For more on the methodology behind the Dividend Growth Stocks Model Portfolio, click here.

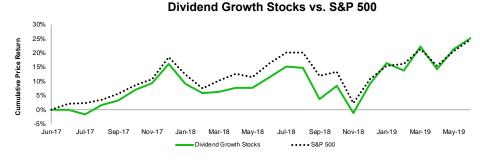
Figure 7: Price Returns for Dividend Growth Stocks Portfolio For 2019

Portfolio	1Q	2Q	3Q	4Q	2019
Dividend Growth Stocks	12.0%	2.5%	-	-	14.8%
S&P 500	9.7%	2.9%	-	-	12.9%
Difference	2.3%	-0.4%	-	-	1.9%

Source: New Constructs, LLC

Note: Gain/Decline performance analysis excludes transaction costs, dividends and rebates. Dividend Growth Stocks Portfolio performance measured since inception date, June 2017

Figure 8: Dividend Growth Stocks Portfolio: Cumulative Price Performance Since Inception



Source: New Constructs, LLC

Note: Gain/Decline performance analysis excludes transaction costs, dividends and rebates. Dividend Growth Stocks Portfolio performance measured since inception date, June 2017

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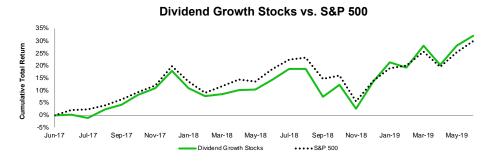
Figure 9: Total Returns for Dividend Growth Stocks Portfolio For 2019

Portfolio	1Q	2Q	3Q	4Q	2019
Dividend Growth Stocks	12.8%	3.2%	-	-	12.8%
S&P 500	10.1%	3.4%	-	-	13.9%
Difference	2.7%	-0.3%	-	-	2.4%

Source: New Constructs, LLC

Note: Gain/Decline performance analysis excludes transaction costs. Dividend Growth Stocks Portfolio performance measured since inception date, June 2017

Figure 10: Dividend Growth Stocks Portfolio: Cumulative Total Return Performance Since Inception



Source: New Constructs, LLC

Note: Gain/Decline performance analysis excludes transaction costs. Dividend Growth Stocks Portfolio performance measured since inception date, June 2017



# Long/Short Strategies: Most Attractive/Most Dangerous Stocks (MA/MD)

The Most Attractive and Most Dangerous Stocks reports offer multiple strategies to outperform in good and bad markets. This performance is measured from January 4, 2019 to July 2, 2019, which represents the performance period of 1Q19 and 2Q19.

Figure 11: Top Three Strategies For 2019

			2019			
Strategy	Portfolio	1Q	2Q	3Q	4Q	2019
Short	Small Cap Stocks	-5.9%	0.3%	-	-	-5.7%
benchmark	Short Russell 2000	-12.3%	-0.8%	-	-	-13.0%
	Difference	6.4%	1.0%	-	-	7.3%
Long/Short benchmark	Large Cap Stocks Risk-Free Rate	0.8% <i>0.6%</i>	5.5% 0.6%	-	-	6.4% 1.2%
	Difference	0.2%	4.9%	-	-	5.2%
Short benchmark	Large and Small Cap Stocks Short S&P 500 and Russell 2000	-10.6% -12.4%	1.3% -2.3%	- -	-	-9.4% -14.4%
	Difference	1.8%	3.6%	-	-	4.9%

Source: New Constructs, LLC.

Note: Gain/Decline performance analysis excludes transaction costs, dividends and rebates.

Figure 12 shows the performance through 2Q19 of the long/short strategies offered by our Most Attractive and Most Dangerous Stocks versus benchmarks.

Figure 12: Returns for Long/Short Strategies For 2019

			201	9		
Strategy	Portfolio	1Q	2Q	3Q	4Q	2019
Long/Short	Large and Small Cap Stocks	3.0%	2.7%	-	-	5.8%
benchmark	Risk-Free Rate	0.6%	0.6%	-	-	1.2%
	Difference	2.4%	2.1%	-	1	4.6%
Long/Short	Large Cap Stocks	0.8%	5.5%	-	-	6.4%
benchmark	Risk-Free Rate	0.6%	0.6%	-	-	1.2%
	Difference	0.2%	4.9%	-	-	5.2%
Long/Short	Small Cap Stocks	4.9%	-0.1%	-	-	4.7%
benchmark	Risk-Free Rate	0.6%	0.6%	-	-	1.2%
	Difference	4.3%	-0.7%	-	-	3.5%

Source: New Constructs, LLC

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Figure 13 shows the annualized returns of the long/short strategies offered by our Most Attractive and Most Dangerous Stocks versus benchmarks.

Figure 13: Annualized Returns for Long/Short Strategies

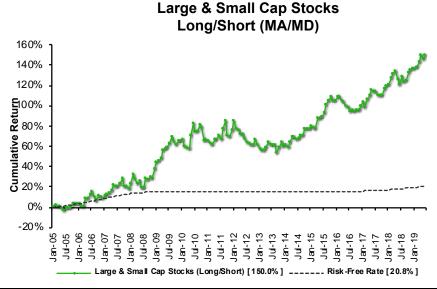
		Annualized return as of 6/30/2019						
Strategy	Portfolio	1 Year	3 Year	5 Year	Since Inception			
Long/Short	Large and Small Cap Stocks	13.3%	8.0%	8.4%	6.5%			
benchmark	Risk-Free Rate	2.3%	1.4%	0.9%	1.3%			
	Difference	11.0%	6.6%	7.5%	5.2%			
Long/Short	Large Cap Stocks	5.0%	4.3%	1.7%	4.0%			
benchmark	Risk-Free Rate	2.3%	1.4%	0.9%	1.3%			
	Difference	2.7%	2.8%	0.8%	2.7%			
Long/Short	Small Cap Stocks	21.4%	11.3%	14.7%	8.4%			
benchmark	Risk-Free Rate	2.3%	1.4%	0.9%	1.3%			
	Difference	19.0%	9.9%	13.8%	7.1%			

Source: New Constructs, LLC

Note: Gain/Decline performance analysis excludes transaction costs, dividends and rebates. Inception date is January 2005.



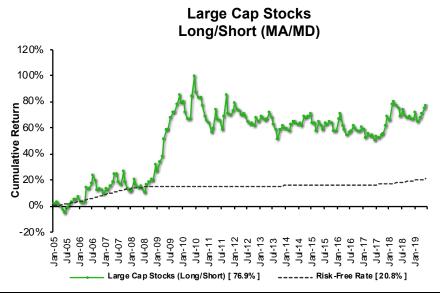
Figure 14: Large and Small Cap Strategy: Most Attractive/Most Dangerous (MA/MD) Stocks: Cumulative Performance Since Inception



Source: New Constructs. LLC

Note: Gain/Decline performance analysis excludes transaction costs, dividends and rebates. The Risk-Free Rate is based on the 3-Month T-Bill.

Figure 15: Large Cap Strategy: Most Attractive/Most Dangerous (MA/MD) Stocks: Cumulative Performance Since Inception

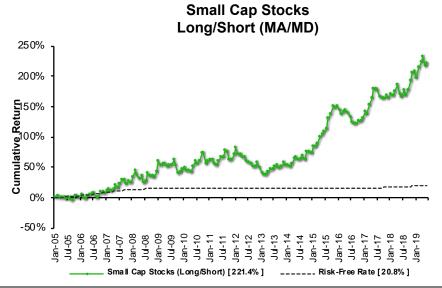


Source: New Constructs, LLC

Note: Gain/Decline performance analysis excludes transaction costs, dividends and rebates. The Risk-Free Rate is based on the 3-Month T-Bill.



Figure 16: Small Cap Strategy: Most Attractive/Most Dangerous (MA/MD) Stocks: Cumulative Performance Since Inception



Source: New Constructs, LLC

Note: Gain/Decline performance analysis excludes transaction costs, dividends and rebates. The Risk-Free Rate is based on the 3-Month T-Bill.



## Long Strategies: Most Attractive Stocks (MA)

Figure 17 shows the performance through 2Q19 of the long strategies offered by our Most Attractive Stocks versus benchmarks.

Figure 17: Returns for Long Strategies For 2019

			201	9		
Strategy	Portfolio	1Q	2Q	3Q	4Q	2019
Long	Large and Small Cap Stocks	14.4%	0.6%	-	-	15.1%
benchmark	S&P 500 and Russell 2000	13.3%	1.9%	-	-	15.4%
	Difference	1.2%	-1.3%	-	-	-0.3%
Long	Large Cap Stocks	17.7%	2.7%	-	-	20.9%
benchmark	S&P 500	13.5%	3.5%	-	-	17.4%
	Difference	4.2%	-0.8%	-	-	3.5%
Long	Small Cap Stocks	11.1%	-1.7%	-	-	9.2%
benchmark	Russell 2000	13.0%	0.4%	-	-	13.5%
	Difference	-1.9%	-2.1%	-	-	-4.2%

Source: New Constructs, LLC

Note: Gain/Decline performance analysis excludes transaction costs, dividends and rebates.

Figure 18 shows the annualized returns of the long strategies offered by our Most Attractive Stocks versus benchmarks.

Figure 18: Annualized Returns for Long Strategies

		Annualized return as of 6/30/2019						
Strategy	Portfolio	1 Year	3 Year	5 Year	Since Inception			
Long	Large and Small Cap Stocks	3.6%	12.7%	7.8%	9.4%			
benchmark	S&P 500 and Russell 2000	1.7%	11.7%	7.1%	6.8%			
	Difference	1.9%	1.0%	0.7%	2.6%			
Long	Large Cap Stocks	1.1%	11.8%	5.0%	8.3%			
benchmark	S&P 500	9.6%	12.3%	8.5%	6.6%			
	Difference	-8.5%	-0.5%	-3.5%	1.7%			
Long benchmark	Small Cap Stocks Russell 2000	5.6% -5.7%	13.1% <i>10.9%</i>	10.2% 5.5%	10.0% <i>6.7%</i>			
	Difference	11.2%	2.3%	4.7%	3.2%			

Source: New Constructs, LLC

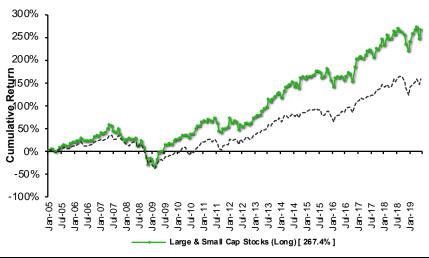
Note: Gain/Decline performance analysis excludes transaction costs, dividends and rebates. Inception

date is January 2005.



Figure 19: Large and Small Cap Strategy: Most Attractive Stocks: Cumulative Performance Since Inception

#### Large & Small Cap Stocks (Long)

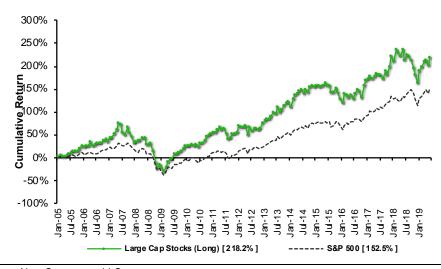


Source: New Constructs. LLC

Note: Gain/Decline performance analysis excludes transaction costs, dividends and rebates.

Figure 20: Large Cap Strategy: Most Attractive Stocks: Cumulative Performance Since Inception

#### Large Cap Stocks (Long)

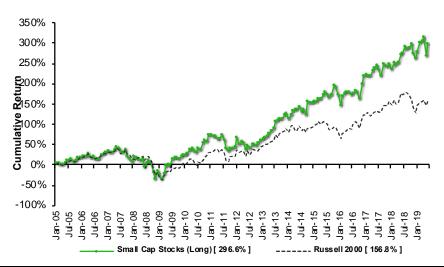


Source: New Constructs, LLC



Figure 21: Small Cap Strategy: Most Attractive Stocks: Cumulative Performance Since Inception

#### **Small Cap Stocks (Long)**



Source: New Constructs, LLC



## Short Strategies: Most Dangerous Stocks (MD)

Figure 22 shows the performance through 2Q19 of the short strategies offered by our Most Dangerous Stocks versus benchmarks.

Figure 22: Returns for Short Strategies For 2019

			2019	)		
Strategy	Portfolio	1Q	2Q	3Q	4Q	2019
Short	Large and Small Cap Stocks	-10.6%	1.3%	-	-	-9.4%
benchmark	Short S&P 500 and Russell 2000	-12.4%	-2.3%	-	-	-14.4%
	Difference	1.8%	3.6%	-	-	4.9%
Short	Large Cap Stocks	-15.2%	2.4%	-	-	-13.2%
benchmark	Short S&P 500  Difference	-12.5% -2.7%	-3.7% 6.1%	-	-	-15.7% 2.5%
Short	Small Cap Stocks	-5.9%	0.3%	-	-	-5.7%
benchmark	Short Russell 2000	-12.3%	-0.8%	-	-	-13.0%
	Difference	6.4%	1.0%	-	-	7.3%

Source: New Constructs, LLC

Note: Gain/Decline performance analysis excludes transaction costs, dividends and rebates.

Figure 23 shows the annualized returns of the short strategies offered by our Most Dangerous Stocks versus benchmarks.

Figure 23: Annualized Returns for Short Strategies

		Annualized return as of 6/30/2019					
Strategy	Portfolio	1 Year	3 Year	5 Year	Since Inception		
Short	Large and Small Cap Stocks	7.0%	-6.1%	-1.4%	-6.0%		
benchmark	Short S&P 500 and Russell 2000	-3.8%	-12.0%	-8.1%	-9.0%		
	Difference	10.8%	5.8%	6.7%	3.0%		
Short benchmark	Large Cap Stocks Short S&P 500 Difference	1.5% -10.5% 12.0%	-8.6% -12.1% 3.5%	-4.8% -8.9% 4.1%	-6.7% -8.2%		
	Difference	12.0%	3.5%	4.170	1.076		
Short benchmark	Small Cap Stocks Short Russell 2000	12.4% 3.3%	-4.0% -12.1%	1.8% -7.5%	-5.9% -10.0%		
	Difference	9.1%	8.1%	9.2%	4.0%		

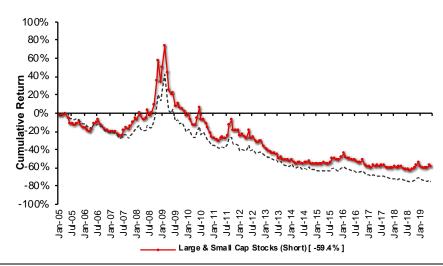
Source: New Constructs, LLC

Note: Gain/Decline performance analysis excludes transaction costs, dividends and rebates. Inception date is January 2005.



Figure 24: Large and Small Cap Strategy: Most Dangerous Stocks: Cumulative Performance Since Inception

#### Large & Small Cap Stocks (Short)

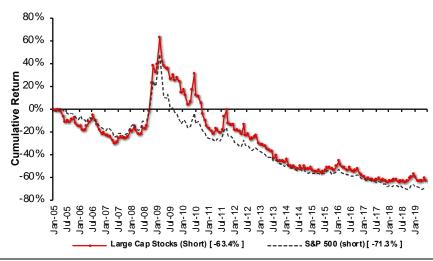


Source: New Constructs, LLC

Note: Gain/Decline performance analysis excludes transaction costs, dividends and rebates.

Figure 25: Large Cap Strategy: Most Dangerous Stocks: Cumulative Performance Since Inception

#### Large Cap Stocks (Short)

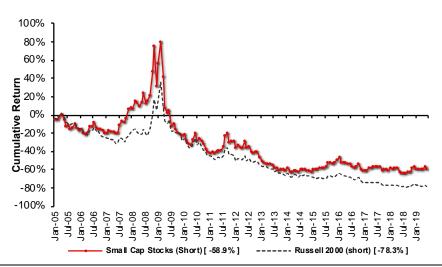


Source: New Constructs, LLC



## Figure 26: Small Cap Strategy: Most Dangerous Stocks: Cumulative Performance Since Inception

### **Small Cap Stocks (Short)**



Source: New Constructs, LLC

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## Appendix 1 – Risk Metrics

	Volatility				Sharpe Ratio				Beta				Monthly Turnover			
Strategy	1 year	3 year	5 year	Since Inception	1 Year	3 Year	5 Year	Since Inception	1 Year	3 Year	5 Year	Since Inception	1 Year	3 Year	5 Year	Since Inception
Long/Short	6%	7%	7%	10%	2.0	1.0	1.0	0.4	1.0	1.0	1.0	1.0	41%	43%	43%	33%
Long Large	18%	16%	15%	19%	-0.1	0.6	0.2	0.3	1.1	1.1	1.0	1.0	44%	44%	40%	32%
Long Small	19%	16%	17%	23%	0.2	0.7	0.5	0.3	0.94	0.89	0.90	0.93	41%	42%	43%	34%
Long Large and Small	17%	15%	15%	20%	0.1	0.7	0.4	0.4	1.04	0.98	0.97	0.97	43%	43%	42%	33%
Short Large	17%	14%	15%	19%	0.0	-0.8	-0.5	-0.5	1.1	1.1	1.1	1.1	39%	41%	41%	32%
Short Small	17%	19%	18%	24%	0.6	-0.3	0.0	-0.3	0.98	1.03	1.06	1.11	41%	42%	45%	34%
Short Large and Small	16%	15%	15%	20%	0.4	-0.5	-0.2	-0.4	1.05	1.08	1.10	1.13	40%	42%	44%	34%
S&P 500	14%	11%	11%	15%	0.5	0.9	0.6	0.3								
Russell 2000	17%	16%	16%	20%	-0.5	0.5	0.2	0.2								



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# Appendix 2 – Assumptions Behind Simulated Performance Analysis

The basic assumptions behind our simulated performance analysis are:

- Positions are equally dollar-weighted in all portfolios and strategies: going long with the Most Attractive, Exec Comp Aligned with ROIC, Safest Dividend Yields, and Dividend Growth Stocks and shorting the Most Dangerous.
- 2. Holdings are updated on the publish date of the monthly reports.
- 3. Closing prices are used to open positions on the day each report was published. If a report is published on a non-trading day, then the closing price of the next trading day is used.
- 4. Positions are closed at the same time new positions are opened.
- 5. If a stock stops trading before the subsequent monthly report is published, we assume that the position was exited at the last available price.
- 6. Performance analysis excludes transaction costs, dividends, and the rebates associated with the short portfolios.

The Most Attractive and Most Dangerous portfolios are matched to the following benchmarks:

- 1. Long/Short (Most Attractive as Long and Most Dangerous as Short): Benchmark is the 3-Month T-Bill, the Risk-Free Rate.
- 2. Large Cap Stocks: Long benchmark is the S&P 500. Short benchmark is based on shorting the S&P 500.
- 3. Small Cap Stocks: Long benchmark is the Russell 2000. Short benchmark is based on shorting the Russell 2000.
- Combo Large and Small Cap Stocks: Long benchmark is the average of the S&P 500 and Russell 2000. Short benchmark is based on the average of shorting the S&P 500 and shorting the Russell 2000.





### Appendix 3 - Keys to Our Success

#### Key to Our Success: Better Data and Better Models

Our proprietary earnings and valuation models leverage large amounts of data from the Notes to the Financial Statements to produce better measures of profitability and valuation. Our report "Why the Notes Matter" provides insights into why our analysis of the Notes to the Financial Statements is critical to understanding the financial performance of companies.

#### Investment Philosophy: Cash is King

Our investment philosophy relies on leveraging a better understanding of (1) cash earnings, in place of reported GAAP<sup>2</sup> accounting earnings, and (2) the market's expectations for future cash flows for every company we cover.

Having a better model for assessing these core value drivers enables us to exercise greater discipline and enjoy greater success when implementing our "Cash Is King" investment philosophy.

We believe the performance of our Most Attractive and Most Dangerous Stocks portfolios underscores the merits of our <u>investment philosophy</u>.

<sup>&</sup>lt;sup>2</sup> GAAP stands for Generally Accepted Accounting Principles, the rules that govern how companies report financial performance and present financial statements.



New Constructs® - Research to Fulfill the Fiduciary Duty of Care

Ratings & screeners on 3000 stocks, 450 ETFs and 7000 mutual funds help you make prudent investment decisions.

New Constructs leverages the latest in machine learning to analyze structured and unstructured financial data with unrivaled speed and accuracy. The firm's forensic accounting experts work alongside engineers to develop proprietary NLP libraries and financial models. Our investment ratings are based on the best fundamental data in the business for stocks, ETFs and mutual funds. Clients include many of the top hedge funds, mutual funds and wealth management firms. David Trainer, the firm's CEO, is regularly featured in the media as a thought leader on the fiduciary duty of care, earnings quality, valuation and investment strategy.

#### To fulfill the Duty of Care, research should be:

- 1. **Comprehensive** All relevant publicly-available (e.g. 10-Ks and 10-Qs) information has been diligently reviewed, including footnotes and the management discussion & analysis (MD&A).
- 2. **Un-conflicted** Clients deserve unbiased research.
- 3. **Transparent** Advisors should be able to show how the analysis was performed and the data behind it.
- 4. **Relevant** Empirical evidence must provide <u>tangible</u>, <u>quantifiable</u> correlation to stock, ETF or mutual fund performance.

## Value Investing 2.0: Diligence Matters: Technology is Key to Value Investing With Scale

Accounting data is only the beginning of fundamental research. It must be translated into economic earnings to truly understand profitability and valuation. This translation requires deep analysis of footnotes and the MD&A, a process that our <u>robo-analyst technology</u> empowers us to perform for thousands of stocks, ETFs and mutual funds.



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