## WHAT THE MARKET LIKES

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## Outline

1. Efficient Market Theory (EMT)
2. Five Sample Study
3. What the Market Likes
4. Market Preference related to Earnings Change and P/E Change
5. Residual P/E independent of Market Preference
6. Stock selection with Market Preference and Residual P/E
7. Log Price Change $=$ Log Earnings Change + Log P/E Change
8. How long does the negative correlation of Earnings Change and P/E change take to dissipate?
9. A Seven-Year Real-Money Example

## Topics for Discussion as Time Permits

What is the best structure for the Value Group going forward?
Buying a stock by selling a put option.
Can we time the market?

Each day the market evaluates each listed company and establishes a stock price representing the market's valuation of the company. We can, thus, look at the company characteristics that are correlated with measures of price to find the characteristics of valuable companies.

I have five samples of a little over 1,000 stocks each that I am studying, each containing 72 variables descriptive of the companies and the stocks. The stocks for each sample were selected as listed American companies followed by four or more analysts with complete data for most variables.

The samples were from January 2013, 2014 and 2015 and July 2013 and 2014, and one-year follow-up data were also collected for each sample.

Since stock-market data often have skewed distributions and occasional outliers, all 72 variables were transformed to zscores (normal distribution with mean of 0.0 and standard deviation of 1.0).

There are four commonly used measures of price: EV/EBITDA, P/E, P/Book and P/Sales. I computed correlations of each of the 72 variables with these four price indicators in each of the five samples. The correlations were very consistent across the five samples, so the average correlation is a good indicator.

Thirty-two variables had significant correlations with one or more of the four price indicators. A study of these variables indicated that they represented six characteristics of the company, which were Growth, Profitability, Financial Strength, Estimates, Relative Strength and Median Price of the Industry. I formed scales for each of the six content categories. The correlations among the scales and with the four price measures are shown in the next slide.

Correlations of Market Preference Scales
with each other (red) and with Price Measures (blue)

| Market Preference Scale and Price Measures | Estimates | Growth | Industry | Profitability | Relative Strength | Financial Strength | Market <br> Pref. <br> Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Estimates | 1.00 | 0.44 | 0.25 | 0.10 | 0.46 | 0.13 | 0.62 |
| Growth | 0.44 | 1.00 | 0.16 | 0.09 | 0.21 | 0.19 | 0.49 |
| Industry | 0.25 | 0.16 | 1.00 | 0.29 | 0.52 | 0.07 | 0.65 |
| Profitability | 0.10 | 0.09 | 0.29 | 1.00 | -0.11 | 0.21 | 0.46 |
| Relative Str. | 0.46 | 0.21 | 0.52 | -0.11 | 1.00 | 0.01 | 0.62 |
| Financial Str. | 0.13 | 0.19 | 0.07 | 0.21 | 0.01 | 1.00 | 0.56 |
| Market Pref. Total | 0.62 | 0.49 | 0.65 | 0.46 | 0.62 | 0.56 | 1.00 |
| EV/EBITDA | 0.37 | 0.25 | 0.32 | 0.16 | 0.22 | 0.15 | 0.40 |
| Price/Earnings | 0.47 | 0.28 | 0.33 | 0.18 | 0.29 | 0.26 | 0.51 |
| Price/Book | 0.34 | 0.27 | 0.29 | 0.04 | 0.31 | 0.42 | 0.50 |
| Price/Sales | 0.09 | 0.10 | 0.48 | 0.61 | 0.12 | 0.15 | 0.45 |
| Price Composite | 0.42 | 0.31 | 0.43 | 0.34 | 0.23 | 0.33 | 0.57 |

## Variables with highly significant correlations with Price Composite. Average of five samples

| Category | Detail | Variable |
| :---: | :---: | :---: |
| Growth | Growth Rate | Sales-Growth 12m |
| Growth | Growth Rate | Sales-Growth 5yr |
| Growth | Increasing Growth | Sales-Growth 12m-5YR |
| Growth | Increasing Growth | Sales Growth $\mathrm{O}_{1}$ - Ave. $\mathrm{O}_{4}$ to $\mathrm{O}_{2}$ |
| Growth | Increasing Growth | Op Inc Growth O1 - Ave. $\mathrm{O}_{4}$ to $\mathrm{O}_{2}$ |
| Growth | Consistent Growth | Correl EPS Growth 4 qtrs + Est 2 O |
| Growth | Consistent Growth | Correl EPS-DC O8-O1+Est 2 O |
| Growth | Consistent Growth | Correl Sales $\mathrm{Y}_{7}-\mathrm{Y}_{1}$ |
| Growth | Consistent Growth | Correl Sales $\mathrm{Q}^{8}$ to $\mathrm{O}_{1}$ |
| Growth | Consistent Growth | Correl Sales Growth 4 qtrs |
| Growth | Rate of Growth | Slope Sales Growth 4 qtrs |
| Growth | Rate of Growth | Slope EPS-DC 8 - O1 $^{\text {+ Est } 20}$ |
| Growth | Rate of Growth | Slope EPS Growth 4 qtrs + Est 2 O |
| Estimates | Growth Estimate | EPS Growth Est 5yr |
| Estimates | Growth Estimate | EPS Growth-Hist Y 1 to EstYo |
| Estimates | Growth Estimate | EPS Growth-EstYo to Est $\mathrm{Y}_{1}$ |
| Estimates | Growth Estimate | EPS Growth-Est $\mathrm{Y}_{1}$ to Est $\mathrm{Y}_{2}$ |
| Estimates | Growth Estimate | Est. \% EPS Gr. Oo |
| Estimates | Growth Estimate | Est. \% EPS Gr. Q1 |
| Estimates | Growth Estimate | Est. Rev. Index |
| Estimates | Growth Estimate | EPS Est $\mathrm{Y}_{1}$-\% Rev-Last Month |
| Estimates | Growth Estimate | Three mo est \% ch $\mathrm{Y}_{1}$ |


| Category | Detail | Variable |
| :--- | :--- | :--- |
| Profitability | Margin | Gross margin 12m |
| Profitability | Margin | Gross margin, 5 year Avg. |
| Profitability | Margin | Gross margin 12m - Ind |
| Profitability | Margin | Operating margin 12m - Ind |
| Profitability | Margin | Net margin 12m - Ind |
| Profitability | Return | Return on assets 12m - Ind |
| Profitability | Return | Return on equity 12m - Ind |
| Financial Str. | Average 5 Indicators Z Score Q1 |  |
| Industry | Ind, Median Price | Ind. PE |
| Industry | Ind, Median Price | Ind. Price/Book |
| Industry | Ind, Median Price | Ind. Price/Sales |
| Industry | Ind. Margin | Ind. Gross margin 12m |
| Momentum | Price Increase | Relative Strength 52 week |
| Momentum | Price Increase | Relative Strength 26 week |
| Momentum | Price Increase | Relative Strength-Weighted 4Qs |

Correlations of Market Preference, Price Composite and Residual Price with Price and Value Changes for Three Time Periods. Correlations are the average of five samples. Total $N=4,818$

| Change Measure | Three Months Change |  |  | Six Months Change |  |  | Twelve Months Change |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Market Pref. | Price Comp. | Residual Price | Market Pref. | Price Comp. | Residual Price | Market Pref. | Price Comp. | Residual Price |
| Price Change | 0.03 | 0.01 | -0.01 | -0.01 | -0.04 | -0.04 | 0.00 | -0.03 | -0.03 |
| EBIT Change | 0.21 | 0.17 | 0.05 | 0.22 | 0.20 | 0.08 | 0.20 | 0.23 | 0.12 |
| Earnings Change | 0.22 | 0.19 | 0.06 | 0.22 | 0.20 | 0.08 | 0.20 | 0.23 | 0.12 |
| Book Value Change | 0.22 | 0.12 | -0.02 | 0.23 | 0.11 | -0.04 | 0.22 | 0.11 | -0.02 |
| Sales Change | 0.41 | 0.32 | 0.08 | 0.42 | 0.34 | 0.10 | 0.41 | 0.35 | 0.12 |
| EV/EBIT Change | -0.11 | -0.11 | -0.06 | -0.15 | -0.18 | -0.10 | -0.15 | -0.22 | -0.16 |
| P/E Change | -0.13 | -0.12 | -0.04 | -0.18 | -0.20 | -0.11 | -0.15 | -0.22 | -0.15 |
| Price/Book Change | -0.05 | -0.04 | 0.00 | -0.10 | -0.08 | -0.02 | -0.10 | -0.09 | -0.03 |
| Price/Sales Change | -0.07 | -0.06 | -0.02 | -0.14 | -0.14 | -0.06 | -0.13 | -0.15 | -0.08 |

## Correlations with Initial P/E and Price Change Over Three Time Periods. Average of Five Samples ( $\mathrm{N}=4,818$ )

| Time | Variable | Correlation <br> with Initial <br> P/E | Correlation <br> with Price <br> Change |
| :--- | :--- | :---: | :---: |
| $\mathbf{3}$ Mo. | Price Change | 0.04 | 1.00 |
| $\mathbf{3}$ Mo. | Earnings Change | 0.22 | 0.19 |
| $\mathbf{3}$ Mo. | P/E Change | -0.13 | 0.47 |
| 6 Mo. | Price Change | 0.02 | 1.00 |
| 6 Mo. | Earnings Change | 0.27 | 0.20 |
| 6 Mo. | P/E Change | -0.21 | 0.46 |
| 12 Mo. | Price Change | 0.04 | 1.00 |
| 12 Mo. | Earnings Change | 0.31 | 0.25 |
| 12 Mo. | P/E Change | -0.26 | 0.39 |



Percentage Price, Earnings and PE Change for Market Preference Top 10\% and Residual Price Bottom 20\%. Five Samples combined.

|  | Mkt. Pref. <br> Top 10\%, Residual Price Bottom 20\% | All <br> Residual <br> Price <br> Bottom <br> 20\% | Total Sample |
| :---: | :---: | :---: | :---: |
| Price Change 3 mo. | 4.00 | 1.75 | 1.90 |
| Price Change 6 mo. | 10.96 | 8.38 | 7.70 |
| Price Change 12 mo . | 15.04 | 10.96 | 10.26 |
| Earnings Changez mo. | 3.81 | 0.96 | 3.05 |
| Earnings Change 6 mo . | 5.42 | 1.43 | 4.78 |
| Earnings Change12 mo. | 8.80 | 2.05 | 7.51 |
| PE Change 3 mo . | 3.99 | 2.46 | 1.18 |
| PE Change 6 mo . | 7.16 | 9.23 | 5.66 |
| PE Change 12 mo . | 11.39 | 11.46 | 5.84 |
| Sample Size | 71 | 970 | 4818 |

## Stock-Price Change is the combined result of Earnings Change and PE Change

- Change in price is the combined effect of changes in Earnings and changes in PE, as follows:
- Log Price change = Log Earnings change + Log PE change
- This formula also works equally well for EV/EBITDA, Price/Sales and Price/Book.
- The Excel functions for Log Price Change and Percentage Price Change are:

```
LogPriceChange = LN(Earnings st2}/\mp@subsup{\mathrm{ Earnings }}{\mp@subsup{t}{1}{}}{})+LN(P\mp@subsup{E}{\mp@subsup{t}{2}{}}{}/P\mp@subsup{P}{\mp@subsup{t}{1}{}}{}
```

Where the subscripts t 1 and t 2 indicate beginning and ending values.
PercentagePriceChange $=\operatorname{EXP}($ LogPriceChange $) * 100$

- Logarithmic values are used because dollars and percentages are unequal-interval scales because of compounding. which the Log values eliminate. Compounding occurs because one percent becomes larger as prices go up and smaller as prices go down. The compounding effect is small for small price changes and the log change is fairly close to the proportional change, but the difference increases as the price change gets larger. This actually works to the advantage of investors.
- Suppose we invest $\$ 50$ each in Stock A and Stock B, for a total of $\$ 100$, and after a time Stock A doubles to $\$ 100$ and Stock B drops in half to $\$ 25$. These are equal price changes, since each will reverse the other and they have equal logarithms. The two stocks can then be sold for $\$ 125$ a $25 \%$ profit, because of positive compounding as Stock A went up and negative compounding as Stock B went down.

Correlation of price change with Sales, EBIT and Earnings Change over 1 to 5 years. New sample of 844 stocks January 2010-2016

|  | Price Change 1 Year | Price Change 2 Years | Price Change 3 Years | Price Change 4 Years | Price Change 5 Years |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Sales Change 1 Year | 0.06 |  |  |  |  |
| Sales Change 2 Years |  | 0.12 |  |  |  |
| Sales Change 3 Years |  |  | 0.19 |  |  |
| Sales Change 4 Years |  |  |  | 0.18 |  |
| Sales Change 5 Years |  |  |  |  | 0.19 |
| EBIT Change 1 Year | 0.08 |  |  |  |  |
| EBIT Change 2 Years |  | 0.22 |  |  |  |
| EBIT Change 3 Years |  |  | 0.31 |  |  |
| EBIT Change 4 Years |  |  |  | 0.34 |  |
| EBIT Change 5 Years |  |  |  |  | 0.28 |
| Earnings Change 1 Year | 0.17 |  |  |  |  |
| Earnings Change 2 Years |  | 0.23 |  |  |  |
| Earnings Change 3 Years |  |  | 0.32 |  |  |
| Earnings Change 4 Years |  |  |  | 0.30 |  |
| Earnings Change 5 Years |  |  |  |  | 0.32 |

In a study of 844 stocks with data present for 6 years. We see that change in sales, EBIT and Earnings does not immediately result in price changes because of built-in negative correlation of earnings change and P/E change. After about three years earnings change does affect price change.

Performance of Trust Account vs the S\&P 500
Both starting at 100 on 1/6/2009


During the seven years between 2009 and 2016 there were 33 trades.
16 were to harvest short term losses in December.
9 were to take a long-term gain and replace with better prospect.
3 were to take a long-term loss and replace with better prospect.
5 were tax-free transfers.

Performance of Trust Account 2009 - Present

| Tkr | Company | In date | Shares | Cost | Buy price | Buy PE | Buy EPS | $\begin{aligned} & \hline \text { Buy } \\ & \text { S\&P } \end{aligned}$ | Crnt Price | $\begin{gathered} \hline \text { Crnt } \\ \text { PE } \end{gathered}$ | $\begin{aligned} & \hline \text { Crnt } \\ & \text { EPS } \end{aligned}$ | Crnt Value |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GOOG | Alphabet Inc | 1/6/09 | 60 | \$9,997 | 166.62 | 20.9 | 7.94 | 890 | 706.89 | 30.8 | 22.92 | \$42,413 |
| CME | CME Group Inc. | 1/6/09 | 470 | \$19,877 | 42.29 | 13.7 | 3.096 | 890 | 91.15 | 24.7 | 3.69 | \$42,841 |
| ISRG | Intuitive Surgical, Inc. | 1/13/11 | 144 | \$40,356 | 280.25 | 33.4 | 8.40 | 1293 | 531.28 | 34.3 | 15.51 | \$76,504 |
| UTHR | United Therapeutics Corp | 12/10/12 | 1,300 | \$68,037 | 52.34 | 10.8 | 4.86 | 1414 | 126.56 | 9.8 | 12.96 | \$164,528 |
| AAPL | Apple Inc. | 2/1/13 | 770 | \$49,509 | 64.30 | 10.2 | 6.31 | 1518 | 93.99 | 10.0 | 9.41 | \$72,372 |
| FFIV | $F_{5}$ Networks, Inc. | 4/8/13 | 485 | \$34,962 | 72.09 | 20.6 | 3.50 | 1553 | 87.83 | 17.2 | 5.12 | \$42,598 |
| EW | Edwards Lifesciences Corp | 5/1/13 | 1,248 | \$38,964 | 31.22 | 19.7 | 1.59 | 1634 | 81.04 | 36.0 | 2.25 | \$101,138 |
| MYGN | Myriad Genetics, Inc. | 8/19/13 | 950 | \$25,953 | 27.32 | 15.4 | 1.77 | 1656 | 34.21 | 25.7 | 1.33 | \$32,500 |
| WAB | Westinghouse Air Brake | 2/5/16 | 400 | \$25,153 | 62.88 | 15.8 | 3.99 | 1940 | 65.35 | 16.4 | 3.99 | \$26,140 |


| Tkr | Company | Yrs held | G/L | $\begin{gathered} \text { Ann G/L } \\ \hline \end{gathered}$ | G/L \% | Log G/L | $\begin{gathered} \mathrm{Log} \mathrm{PE} \\ \mathrm{Ch} \\ \hline \end{gathered}$ | $\begin{gathered} \hline \log \mathrm{EPS} \\ \mathrm{Ch} \\ \hline \end{gathered}$ | $\begin{gathered} \hline \log S \& P \\ C h \end{gathered}$ | 2wk price ch | 2wk PE <br> ch | 2wk EPS <br> ch |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GOOG | Alphabet Inc | 7.10 | \$32,416 | 46\% | 324\% | 145 | 39 | 106 | 74 | -7.2\% | -14.0\% | 7.8\% |
| CME | CME Group Inc. | 7.10 | \$22,963 | 16\% | 116\% | 77 | 59 | 18 | 74 | 1.4\% | 2.9\% | -1.3\% |
| ISRG | Intuitive Surgical, Inc. | 5.08 | \$36,148 | 18\% | 90\% | 64 | 3 | 61 | 37 | -1.8\% | -8.3\% | 7.2\% |
| UTHR | United Therapeutics Corp | 3.18 | \$96,491 | 45\% | 142\% | 88 | -10 | 98 | 28 | 2.7\% | 3.2\% | 0.0\% |
| AAPL | Apple Inc. | 3.03 | \$22,863 | 15\% | 46\% | 38 | -2 | 40 | 21 | -3.4\% | -2.9\% | 0.0\% |
| FFIV | F5 Networks, Inc. | 2.85 | \$7,636 | 8\% | 22\% | 20 | -18 | 38 | 18 | -6.3\% | -6.0\% | 0.0\% |
| EW | Edwards Lifesciences Corp | 2.79 | \$62,174 | 57\% | 160\% | 95 | 60 | 35 | 13 | 3.6\% | -3.0\% | 6.6\% |
| MYGN | Myriad Genetics, Inc. | 2.48 | \$6,547 | 10\% | 25\% | 22 | 51 | -29 | 12 | -12.2\% | -18.2\% | 7.3\% |
| WAB | Westinghouse Air Brake | 0.02 | \$987 | 205\% | 4\% | 4 | 4 | 0 | -4 | 3.9\% | 4.1\% | 0.0\% |

## Current Look-Ahead Data

| Ticker | Company name | \% Sales Growth |  |  |  | \% Operating Income Growth |  |  |  | \% Earnings Growth |  |  |  | \% Est. Earn. Growth |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \mathrm{O} 8 \text { to } \\ \mathrm{O}_{4} \\ \hline \end{gathered}$ | $\begin{gathered} \mathrm{O}_{7} \text { to } \\ \mathrm{Q}_{3} \\ \hline \end{gathered}$ | $\begin{gathered} \mathrm{Q} 6 \text { to } \\ \mathrm{Q}_{2} \\ \hline \end{gathered}$ | $\begin{gathered} \mathrm{O}_{5} \text { to } \\ \mathrm{Q}_{1} \\ \hline \end{gathered}$ | $\begin{gathered} 08 \text { to } \\ \mathrm{O}_{4} \\ \hline \end{gathered}$ | $\begin{gathered} \mathrm{Q}_{7} \text { to } \\ \mathrm{Q}_{3} \\ \hline \end{gathered}$ | $\begin{gathered} \text { O6 to } \\ \mathrm{Q}_{2} \\ \hline \end{gathered}$ | $\begin{gathered} \mathrm{O}_{5} \text { to } \\ \mathrm{Q}_{1} \\ \hline \end{gathered}$ | $\begin{gathered} \mathrm{O} 8 \text { to } \\ \mathrm{Q}_{4} \\ \hline \end{gathered}$ | $\begin{gathered} \mathrm{Q}_{7} \text { to } \\ \mathrm{Q}_{3} \\ \hline \end{gathered}$ | $\begin{gathered} \mathrm{O} 6 \text { to } \\ \mathrm{Q}_{2} \\ \hline \end{gathered}$ | $\begin{gathered} \mathrm{O}_{5} \text { to } \\ \mathrm{Q}_{1} \\ \hline \end{gathered}$ | Qo | Q1 |
| GOOGL | Alphabet Inc | 12 | 11 | 13 | 18 | 8 | 13 | 26 | 22 | -2 | -1 | 35 | 31 | 56 | 67 |
| AAPL | Apple Inc. | 27 | 33 | 22 | 2 | 35 | 37 | 31 | 0 | 40 | 45 | 38 | 7 | -14 | -4 |
| CME | CME Group Inc | 8 | 12 | 12 | -3 | 12 | 20 | 20 | 0 | 24 | -1 | 23 | -6 | 14 | 43 |
| EW | Edwards Lifesciences Co | 13 | 7 | 1 | 9 | 110 | -83 | 25 | 26 | 100 | -80 | 23 | 28 | 17 | 30 |
| FFIV | F5 Networks, Inc. | 12 | 10 | 8 | 6 | 20 | 11 | 0 | -1 | 30 | 23 | 8 | 6 | 38 | 35 |
| ISRG | Intuitive Surgical, Inc. | 15 | 14 | 7 | 12 | 130 | 22 | 19 | 32 | 127 | 29 | 31 | 26 | 68 | 41 |
| MYGN | Myriad Genetics, Inc. | -2 | 1 | 9 | -45 | -35 | -32 | 67 | -27 | -40 | -40 | 76 | -24 | 32 | 61 |
| UTHR | United Therapeutics Co | 20 | 13 | 8 | 17 | 727 | -107 | -3 | NA | 462 | -115 | -9 | NA | 28 | -925 |
| WAB | Westinghouse Air Brake | 18 | 17 | 2 | 1 | 22 | 20 | 12 | 10 | 20 | 17 | 10 | 11 | 3 | -46 |


| Ticker | Company name | Annual \% Earnings Growth |  |  |  |  |  | Estimated Annual \% Earn. Growth. |  |  | Est. $\% \text { 5-Yr }$ | \% Est. Rev. |  | Est. <br> Rev. | Est. | Otrly Surprise-Prior Otr. |  |  | Otrly Surprise Current Otr |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Y6 | Y5 | Y4 | Y3 | Y2 | Y1 | Est Yo | Est $\mathrm{Y}_{1}$ | Est $\mathrm{Y}_{2}$ | Growth | last. Mo. | $\begin{array}{r} \text { Last } \\ 3 \mathrm{Mo} . \\ \hline \end{array}$ | Index | Numbe $\qquad$ | Date | \% | SUV | Date \% | SUV |
| GOOG | Alphabet Inc | 29 | 13 | 17 | 13 | 1 | 15 | 17 | 17 | 18 | 16 | 1 | 1 | 43 | 46 | 10/22/2015 | 2 | 0.6 | 2/1/2016 7 | 2.1 |
| AAPL | Apple Inc. | 66 | 83 | 60 | -10 | 14 | 43 | -2 | 10 | 9 | 12 | 0 | -7 | -4 | 44 | 10/27/2015 | 4.3 | 1.6 | 1/26/2016 1.6 | 0.5 |
| CME | CME Group Inc | 15 | 90 | -50 | 8 | 15 | 10 | 13 | 8 | 8 | 13 | 3 | 3 | 75 | 16 | 10/29/2015 | 2.8 | 2.8 | 2/5/2016 2.3 | 2.1 |
| EW | Edwards Lifesciences Co | -6 | 9 | 24 | 39 | 119 | -40 | 15 | 16 | 12 | 15 | 8 | 9 | 96 | 23 | 10/26/2015 | 9.2 | 4.5 | 2/2/2016 1.6 | 0.1 |
| FFIV | F5 Networks, Inc. | 63 | 225 | -43 | 1 | 17 | 23 | 5 | 10 | 8 | 11 | 0 | -2 | 0 | 33 | 10/28/2015 | 5.5 | 4.8 | 1/20/2016 7.9 | 6.4 |
| ISRG | Intuitive Surgical, Inc. | 60 | 30 | 30 | 5 | -34 | 40 | 7 | 12 | 14 | 14 | 0 | 3 | 0 | 16 | 10/20/2015 | 23.8 | 7.8 | 1/21/2016 16.9 | 3.5 |
| MYGN | Myriad Genetics, Inc. | 12 | -29 | 18 | 36 | 27 | -52 | 15 | 12 | 12 | 18 | -2 | -2 | 21 | 20 | 11/3/2015 | 16.1 | 5.7 | 2/2/2016 10.3 | 4.2 |
| UTHR | United Therapeutics Co | -131 | 450 | 96 | 56 | -43 | 91 | -4 | 16 | 4 | 22 | -2 | -2 | -16 | 9 | 10/27/2015 | 263.9 | 14.9 | 2/25/2016-17.8 | -0.7 |
| WAB | Westinghouse Air Brake | 8 | 37 | 48 | 16 | 21 | 13 | 6 | 6 | 1 | 15 | 2 | -5 | 4 | 12 | 10/22/2015 | -2.1 | -1.1 | 2/18/2016 0.5 | 0.3 |

