Login to multiplicity (password: April2017!). Ask Op team that I need to use it.

Bloomberg

Advanced search for below criteria for the M&A deals in the America.



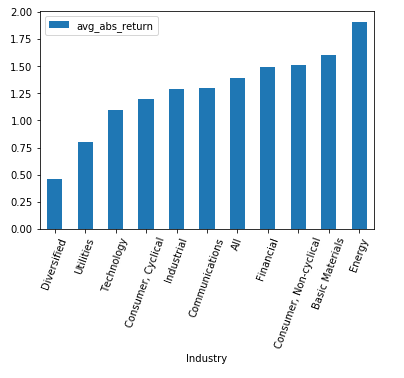
Filter for columns



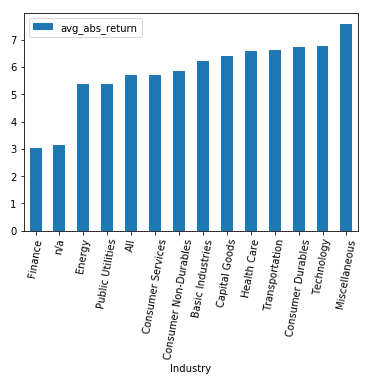
<https://www.kansascityfed.org/aSTZe/publicat/econrev/PDF/4q00shen.pdf>

1. Loaded the MA deals (about 1990) dated 1/1/2010 to 12/12/2017.
2. The duration for completed deals is 148 days and for terminated deals is 136 days.
3. Pulled the EPS data for each ticker. Four of the MA deals have missing tickers, thus are ignored in the process.
4. Take differences between the actual EPS and the Estimate EPS. NaN are ignored.
5. Some target companies have multiple deals throughout the years.
6. Pulled the price data that fall between the announcement date and completion date.
7. Calculated the returns around the earnings reaction day. The earnings reaction day is the trading day following the stock’s quarterly report. It has to do with the timing of the earnings announcement.
8. Joined the EPS with the price return for all deals. 462 of the M&A deals have no earnings reported during the deal period. Only three-quarters of the M&A deals are used.
9. Plot the XY plot of earnings surprise against returns and calculated the correlation between the two. The overall correlation between the two variables for all the M&A deals is 0.139.
10. For NASDAQ/AMEX stocks, same exercise is performed, and the correlations are 0.272 and 0.178, respectively. Using earnings surprise percentage got similar result.

M&A



NASDAQ



AMEX

