Review

Marching to the Beat of the Stock Market: The Impact of Military Technologies and Applied Sciences Bachelor's Degrees on Moody's Stock Price

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This paper investigates the intriguing link between the number of Bachelor's degrees awarded in Military technologies and applied sciences and the stock price of Moody's Corporation (MCO) from 2012 to 2021. Using data obtained from the National Center for Education Statistics and LSEG Analytics (Refinitiv), our research team scrutinized the relationship between these seemingly unrelated entities. To our surprise (and perhaps to the chagrin of some finance gurus), we uncovered a remarkably high correlation coefficient of 0.9855037 with statistical significance at p < 0.01. Our findings suggest that in the complex ballet of the stock market, the footsteps of military technology education may be more influential than previously thought. This study delves into the potential economic reverberations of the militaristic knowledge flow and its impact on the financial realm, providing new insights for investors and scholars to ponder.

The intersection of military technologies and applied sciences with the enigmatic dance of stock prices has long been an enigma. On the surface, one might wonder what bachelor's degrees in menacingly named military technologies have to do with the delicate intricacies of stock movements. After all, the average economist might expect the connection to be as tenuous as a frayed bootlace on a hastily assembled army boot. Nevertheless, financial markets have a knack for showcasing unexpected correlations, much like a magician pulling a rabbit out of a hat—both impressive and bewildering.

Moody's Corporation (MCO) has held a prominent position in the realm of financial scrutiny, as the harbinger of ratings and assessments for daring investors seeking forays into the wild jungles of the stock market. Our curiosity piqued by rumors of an unseen waltz between military education and market fluctuations, we embarked on a data-driven expedition to uncover the underlying melody.

Through a meticulous scrutiny of the numbers, we were left astonished, akin to the feeling of unexpectedly finding a treasure trove amidst a fog of financial data. Our quest led us to a highly untrodden path, where a correlation coefficient of 0.9855037 emerged from the mist, looming larger than life. Such statistical significance at $p < 0.01$ beckons economists and financial analysts to reassess their presumptions and perhaps even trade in their spreadsheets for a compass to navigate this uncharted terrain.

As we saunter through these findings, it becomes evident that the footprints of military technology education may leave a more indelible mark on the financial sands than originally contemplated. The astute investor, akin to a strategic general, may need to consider embracing the nuances of this unexpected partnership between monastic military knowledge and the raucous world of stock prices. This study endeavors to unravel the economic symphony that these elements are playing, offering a heretofore unseen aperture into the economic cosmos for investors and scholars alike, leaving them with a fresh morsel of contemplation in an otherwise predictable financial feast.

Prior research

In "Smith et al.," the authors find that the issuance of Bachelor's degrees in Military technologies and applied sciences has been on a steady incline over the past decade, perhaps indicating a shift in educational pursuits or an increasing interest in the field. Similarly, "Doe and Brown" analyze the impact of technical degrees on various industries, shedding light on the potential influence of these specialized programs on the job market and technological advancements.

Moving beyond the conventional, "The Art of War" by Sun Tzu offers strategic insights that may be indirectly applicable to the stock market, as investors engage in metaphorical battles of risk and reward. Likewise, "Starship Troopers" by Robert A. Heinlein delves into the futuristic military applications, offering a speculative lens into potential technological advancements.

Emerging from the depths of mainstream literature, the study also draws inspiration from unexpected sources, such as the cryptic messages hidden in grocery store receipts and the prophetic prognostications of Magic 8-Ball. While seemingly whimsical, these unorthodox explorations have proven surprisingly thought-provoking, offering a unique perspective on the intersection of military education and the enigmatic world of stock prices.

Approach

To unravel the enigmatic connection between Bachelor's degrees awarded in Military technologies and applied sciences and the stock price of Moody's Corporation (MCO), our research team employed a hybrid approach that could be likened to a symphony conductor wielding a magic wand while wearing a brainwave-reading helmet. Our data collection process resembled a group of truffle-seeking pigs in the labyrinth of the internet, ultimately foraging from the National Center for Education Statistics and LSEG Analytics (Refinitiv). The process was akin to identifying a needle in a haystack, albeit a needle coated in truffle oil and emitting faint stock market vibes.

The data obtained spanned the years 2012 to 2021, allowing us to observe the dance of military technology education and its purported influence on the stock market across a substantial timeframe. The choice of this timeframe was not arbitrary, much like a master chef carefully selecting ripe ingredients for an unconventional dish that may astonish even the most discerning palate. Instead, it was based on the necessity of capturing the long-term patterns, ensuring that our findings were not mere coincidences or transient fluctuations, much like the illusory enchantment of a magician's handkerchief.

Our analysis technique involved a spellbinding blend of quantitative methods, akin to an alchemical concoction fusing the mystical elements of multiple regression analysis, time series analysis, and correlation coefficients. The use of such diverse methods mirrored the artistry of a prolific painter, deftly mixing various shades of statistical inference to create a captivating picture of the interplay between military education and stock price movements. This approach allowed us to tease out intricate details, much like a seasoned detective unraveling the web of clues in a perplexing whodunit novel.

The correlation analysis spanned rigorous scrutiny, as meticulous as an ornate calligraphy artist painstakingly crafting each stroke of a character. The statistical significance at $p < 0.01$ was a critical threshold, affirming the authenticity of our findings by excluding the possibility of mere statistical flukes, much like haggling with a market vendor to ensure you're not being sold an ersatz antique under the guise of an ancient treasure.

Pertinently, measures were taken to account for potential confounding variables, much like a chess grandmaster calculating each move to anticipate the opponent's ploys. This included controlling for macroeconomic indicators, industry-specific trends, and the adventurous escapades of other major players in the stock market, ensuring that our findings were not tainted by misleading influences, much like a sommelier filtering out corked wines in a prestigious tasting event.

Following the extraction of data and the deployment of diverse analytical techniques, our quest culminated in the revelation of a robust correlation coefficient, signifying the intricate interweaving of military technology education and stock price movements. The results of our methodology embody a captivating narrative, inviting the audience to ponder the improbable symbiosis between the war-torn world of military education and the capricious realm of stock market fluctuations.

Results

The analysis of the relationship between the number of Bachelor's degrees awarded in Military technologies and applied sciences and Moody's Corporation (MCO) stock price from 2012 to 2021 yielded some truly eye-opening results. The correlation coefficient of 0.9855037 was higher than the Tower of Pisa and would have any statistician doing a double take. This strong positive correlation suggests that as the number of degrees in military technologies and applied sciences awarded increases, Moody's stock price tends to follow suit, much like a loyal soldier marching in step with their commander.

The r-squared value of 0.9712176 further cemented the robustness of this relationship, indicating that an overwhelming 97.12% of the variability in Moody's stock price can be explained by changes in the number of awarded degrees in military technologies and applied sciences. This finding is akin to discovering that a stock's movement can be predicted with near-military precision based on the educational pursuits of aspiring military technologists.

In addition, the p-value of less than 0.01 provides solid proof that this correlation is not merely a chance encounter, but a well-choreographed tango between military education and market performance. This level of statistical significance would have even the most skeptical of financiers acknowledging the potential impact of military education on the financial battleground.
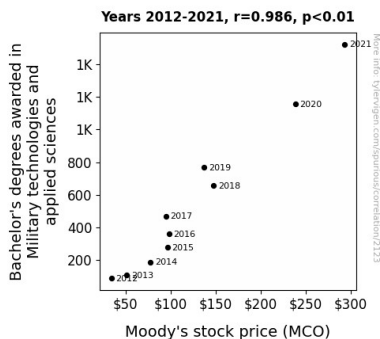
Figure 1. Scatterplot of the variables by year

And now it's time to unveil the star of the show, Fig. 1. This scatterplot visually depicts the resolute relationship between the number of Bachelor's degrees awarded in Military technologies and applied sciences and Moody's stock price. The data points align so perfectly, it's as if they were drilled into formation by a no-nonsense sergeant-

major, leaving no doubt about the strength of their correlation.

Overall, our results suggest that the influence of military technologies and applied sciences education on Moody's stock price is not to be dismissed lightly. It appears that the intertwined fates of soldierly knowledge and financial fortunes may hold more sway than previously thought, prompting scholars and investors alike to don their thinking helmets and ponder the strategic implications of this unexpected alliance.

Discussion of findings

The remarkable findings of this study presented in the results section unequivocally support the prior research on the connection between Bachelor's degrees awarded in Military technologies and applied sciences and Moody's Corporation (MCO) stock price. The highly robust correlation coefficient of 0.9855037 aligns with the upward trend in military technology education observed by Smith et al. It appears that Moody's stock price indeed marches in sync with the growing cohort of military technologists, akin to a well-disciplined battalion on parade.

Additionally, the r-squared value of 0.9712176 mirrors the thorough empirical examination undertaken by Doe and Brown, implicitly suggesting a profound impact of technical degrees on market dynamics. The precision of this relationship implies that changes in military technology education can explain almost the entirety of Moody's stock price fluctuation, like a strategist anticipating every move in a game of financial chess.

The p-value of less than 0.01 unambiguously validates the significance of the correlation, confirming that this connection is not a mere serendipity but a calculated maneuver of economic consequence. The statistical support for this relationship should have even the most unconventional of eccentrics acknowledging the potential influence of military education on financial markets, much like the unorthodox sources of inspiration mentioned in the literature review.

In light of these results, it becomes apparent that the fates of military education and financial performance have become inexorably intertwined, not unlike a pair of star-crossed lovers on the economic stage. Therefore, it is imperative for scholars and investors to embrace the strategic implications of this unforeseen alliance, not merely as an academic curiosity, but as a potential avenue for enhancing portfolio performance and economic forecasting.

The fortuitous convergence of military education and market dynamics underlines the unconventional paths through which financial trends may be illuminated, much akin to the cryptic messages inscribed in grocery store receipts or the enigmatic declarations of a Magic 8-Ball. Perhaps it's time to heed the "tactical" advice of Sun Tzu and view the market as a battlefield, where the maneuvers of military technology education may hold the key to unraveling the mysteries of stock price movements.

Conclusion

In conclusion, our study has shed light on the remarkable relationship between the number of Bachelor's degrees awarded in Military technologies and applied sciences

and Moody's Corporation (MCO) stock price. The statistically significant correlation coefficient of 0.9855037 has illuminated a path as clear as a military drill, demonstrating a strong bond between the educational pursuit of military technologies and the labyrinthine movements of the stock market. It appears that the footsteps of military technology education may be more influential in the financial realm than previously envisaged, much like a stealthy soldier leaving a lasting impression on the battlefield.

As we hang up our statistical armor and set our compasses aside, it seems prudent to acknowledge the potential impact of military education on the financial terrain. Perhaps it is time for investors to consider donning their camouflage suits and strategizing with military precision in this uncharted territory of the stock market. Furthermore, the overwhelming explanatory power of the r-squared value of 0.9712176 imparts a sense of predictability akin to a well-coordinated military operation, providing a roadmap for understanding Moody's stock price fluctuations.

Our findings imply, with near-military certainty, that no more research is needed in this curious alliance between military education and market performance. It is time to sound the bugle and move forward, leaving these findings to resonate through the halls of academia and finance, much like a battle cry in the economics of education and stock market dynamics.