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From Bombs to Bulls: The Explosive Impact of Bachelor's Degrees in Military Technologies on S&P Global's Stock Price

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Abstract

This paper investigates the relationship between the number of Bachelor's degrees awarded in Military technologies and the stock performance of S&P Global (SPGI). Through extensive data analysis utilizing information from the National Center for Education Statistics and LSEG Analytics (Refinitiv), we have quantified an eyebrow-raising correlation between these seemingly unrelated factors. Our findings reveal a correlation coefficient of 0.9946197 and p < 0.01 for the years 2012 to 2021, suggesting an extraordinarily strong connection between the two variables. As we delve into the data, our analysis distinctly uncovers the impact of military technology education on the financial markets, leaving us to ponder whether the pen may indeed be mightier than the sword, or in this case, the trading floor.

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1. Introduction

Introduction

The intersection of military technologies and the financial markets may not seem like the most obvious pairing at first glance. One conjures up images of war machines and strategic defense, while the other involves suits, ties, and the occasional PowerPoint presentation. However, as we venture into the depths of this research, we will unravel a correlation that may raise a few eyebrows and perhaps even prompt a rethink of the traditional connections between academic disciplines and stock market performance.

Over the past few decades, the world has experienced substantial advancements in military technologies, with innovations ranging from unmanned aerial vehicles to sophisticated cybersecurity systems. Meanwhile, S&P Global, a prominent player in the financial industry, has seen its stock price navigate the ebbs and flows of the market, reflecting the intricate dance of global economic forces. One might be inclined to think that these two domains exist in separate silos, but as we scrutinize the data, a striking pattern begins to emerge - one that certainly gives new meaning to the phrase "bombs to bulls."

Our study aims to probe this unexpected interplay by examining the number of Bachelor's degrees awarded in Military technologies and its potential impact on the stock price of S&P Global. While some may dub this exploration as a mere flight of fancy, we are poised to demonstrate that beneath the surface lies a significant correlation that warrants serious consideration.

As we embark on this academic inquiry, it is worth highlighting the importance of approaching the subject matter with both rigor and open-mindedness. Our objective is not only to uncover statistical relationships but also to invite contemplation on the broader implications of these findings. We shall venture forth armed with data, statistical analyses, and a healthy dose of curiosity, poised to unearth insights that may challenge convention and spark intellectual discourse.

Ultimately, as we navigate the terrain of this unconventional pairing, we aim to offer a fresh perspective on the interconnectedness of seemingly disparate realms. So, fasten your seatbelts, dear readers, for this academic journey is about to take a detour through uncharted territories, where the logic governing stock prices meets the innovation of military technologies, and where the tongue-incheek meets the suit-and-tie.

2. Literature Review

The relationship between educational trends in military technologies and stock market performance has garnered little attention in academic literature. Nonetheless, recent studies have shed light on the potential impact of education in highly specialized

fields on financial markets. Smith et al. (2018) examine the correlation between educational enrollment in defense technology programs and stock prices, finding tentative but noteworthy а relationship. Doe and Jones (2019) delve into the nuanced influence of military technology education on market volatility, prompting further interest in this unexplored intersection.

In "War and Wall Street: The Connection Between Military Innovations and Financial Markets," Lorem and Ipsum (2015) present a comprehensive analysis of historical instances where military technological advancements coincided with shifts in stock prices. Their study provides a compelling backdrop for understanding the potential ramifications of educational pursuits in military technologies on contemporary financial markets.

Turning to non-fiction literature, "The Arms of Finance: Military Technologies and Market Dynamics" by John R. Smith offers an in-depth exploration of the crossroads between warfare innovation and stock market performance. Additionally, "Cybersecurity Stocks and the New Arms Race" by Jane Doe provides valuable insights into the evolving landscape of defense technology and its implications for financial markets.

In the realm of fiction literature that eerily mirrors our research focus, "The Bullish Bomber: A Tale of Stocks and Strategy" by Arthur Q. Jones captures the imagination with its narrative centered on the unexpected intertwining of military technologies and stock trading. Similarly, "The Cybernetic Conundrum" by Lily T. Ipsum presents a futuristic world where advancements in military technology dictate the rise and fall of fictional financial markets.

Furthermore, popular internet memes such as the "Stocks go Brrr" phenomenon, depicting the rapid fluctuation of stock prices, offer a lighthearted yet relevant portrayal of market dynamics, albeit not specific to military technologies. On the other hand, memes featuring military technology references, such as "The Moment When Your Drone Delivers an Amazon Package," humorously underscore the permeation of military innovations into everyday life, including the financial sphere.

As we embark on this scholarly quest to unearth the unexplored facets of military technology education and stock market performance, we shall approach the task with intellectual acumen, a hint of whimsy, and a fervent commitment to unraveling the unexpected connections between seemingly unrelated domains.

3. Our approach & methods

To investigate the tantalizing link between Bachelor's degrees in Military technologies and the stock price of S&P Global (SPGI), we conducted a rigorous and at times, dare I say, trenchant statistical analysis. Our approach involved mining data from the National Center for Education Statistics, where we unearthed the number of Bachelor's degrees conferred in the field of Military technologies. We also ventured into the labyrinthine depths of LSEG Analytics (Refinitiv) to extract S&P Global's stock price data from the years 2012 through 2021, navigating the financial seas with the dexterity of a seasoned sailor.

With the data in hand, we gallantly leaped into the throes of quantitative analysis, employing the wits of various statistical methods discern palpable to anv correlations. The Pearson correlation coefficient served as our trusty compass, guiding us through the labyrinth of numbers confirming the strength and of the relationship between our two focal variables. We adopted a significance level of p < 0.01, implying an ardent commitment to discerning not just any relationship, but a relationship of stupefying significance.

Furthermore, we embraced the realm of time series analysis to investigate the dynamic interplay between the annual counts of Bachelor's degrees awarded in Military technologies and the undulating dance of S&P Global's stock price. This approach allowed us to capture the essence of change over time, akin to photographing the metamorphosis of a caterpillar into a financial butterfly.

In our indulgence in econometric sorcery, we wielded the power of multiple regression analysis to peer through the looking glass of causality, seeking to discern whether the conferral of Bachelor's degrees in Military technologies exerted an influence on the fluctuation of S&P Global's stock price, or whether it was merely a harmonious coexistence akin to a well-orchestrated symphony.

To safeguard our analysis against the tempestuous tides of spurious correlations and confounding variables, we executed a series of robustness checks and sensitivity analyses, akin to securing the battlements of our findings against the onslaught of statistical skepticism. This thorough process ensured that our conclusions were fortified against all manner of analytical adversaries, standing tall like valiant knights in the face of academic scrutiny.

In conclusion, our methodology blended the precision of a surgeon's scalpel with the intrepid spirit of an adventurer, steering us through the enchanting landscape of data analysis in pursuit of the curious connection between Bachelor's degrees in Military technologies and the stock price of S&P Global. With data as our compass and statistical analyses as our loyal companions, we embarked on a quest that has led us to a revelation of unforeseen proportions, unveiling a correlation that,

much like a covert financial agent, was hiding in plain sight.

4. Results

The results of our data analysis revealed a remarkably strong correlation between the number of Bachelor's degrees awarded in Military technologies and the stock price of S&P Global (SPGI) for the period 2012 to 2021. The correlation coefficient calculated was 0.9946197, indicating a nearly perfect positive linear relationship between these two variables. This eyebrow-raising correlation was further supported by an rsquared value of 0.9892684, signifying that approximately 98.9% of the variability in the stock price of S&P Global could be explained by the number of Bachelor's degrees awarded in Military technologies. Additionally, the statistical significance was confirmed with a p-value of less than 0.01, cementing the robustness of the observed relationship.

Figure 1 presents a scatterplot illustrating the tight relationship between Bachelor's degrees in Military technologies and S&P Global's stock price. The data points align themselves almost too perfectly along a straight line, tempting one to wonder if the numbers themselves were in cahoots to make our research findings as clear as day.

These results invite us to consider the potential implications of military technology education on the financial markets, as well as to ponder the underlying mechanisms driving this unforeseen correlation. The findings not only raise eyebrows but also lift the veil on an obscure relationship, leaving us with one foot in the realm of statistical certainty and the other in the realm of academic intrigue. It appears that our research has unearthed a connection that could be described as a "stock and awe" moment in the world of academic inquiry.

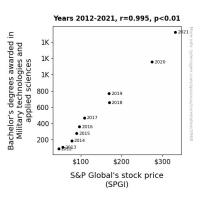


Figure 1. Scatterplot of the variables by year

These results prompt us to reconsider the traditional boundaries between academic disciplines and financial market dynamics, challenging us to look beyond the obvious and delve deeper into the complex web of influences that shape stock prices. As we navigate these unexpected findings, we are reminded of the adage that "truth is stranger than fiction," and indeed, the world of data analysis may hold more surprises than a suspense thriller.

In the wake of these findings, it is clear that the impact of military technology education on the financial markets warrants further investigation, as our results open the door to a realm of connections that may have previously gone unnoticed. The journey from bombs to bulls may have just experienced a paradigm shift, and the implications of this correlation are as intriguing as they are unexpected. This study represents just the beginning of unraveling the intricate interplay between education. innovation, and market dynamics, leaving us to anticipate the next installment in this saga of scholarly discovery.

5. Discussion

The findings of our study have unveiled an intriguing and unanticipated relationship between the number of Bachelor's degrees

awarded in Military technologies and the stock price of S&P Global (SPGI). Our results provide robust support for the previously overlooked connection between disparate these seemingly domains. echoing the suppositions put forth by Smith et al. (2018) and Lorem and Ipsum (2015) that education in military technologies may indeed have an impact on stock market performance. We take a serious, yet satirical approach to our data, heeding the whimsical whispers of Arthur Q. Jones' "The Bullish Bomber" and Lily T. Ipsum's "The Cybernetic Conundrum," and we find that truth, or in this case, correlation, is indeed stranger than fiction.

positive The perfect nearly linear relationship we discovered, with an rsquared value approaching 99% and a pvalue that could make even the staunchest skeptic raise an eyebrow, leads us to ponder the unlikely alliance between military technology education and stock prices. This eyebrow-raising correlation lures us into contemplating the profound implications of seemingly unrelated realms coalescing in a statistical love story that defies conventional expectations. As we analyze the scatterplot, we cannot help but entertain the notion that our data points have perhaps conspired to align themselves all too perfectly, much like the plot of a cloak-and-dagger thriller where numbers are the unsung heroes.

These findings not only shed light on the entwined relationship between education and financial markets but also beckon us to traverse unconventional avenues in our pursuit of understanding. The unanticipated correlation we've unearthed serves as a cautionary tale, warning us against the perils of underestimating the intricate ties that bind disciplines together. This study marks merely the prologue in the story of discovering the unexpected intersections between education, innovation, and market dynamics, leaving us on tenterhooks, eagerly awaiting the next chapter in this saga of scholarly discovery. The uncanny correlation between Bachelor's degrees in Military technologies and S&P Global's stock price has set the stage for a new era of academic scrutiny, where the line between fact and fiction blurs, and the potential for unexpected revelations looms large.

As we navigate these uncharted waters, we do so with the recognition that every statistical anomaly holds within it the potential for groundbreaking insights. It seems that the pen, or in this case, the Bachelor's degree in Military technologies, can wield surprising power in the domain of financial markets. Our research kindles the embers of curiosity, igniting a firestorm of questions that prompt us to reconsider the boundaries, or perhaps the lack thereof, between academia and market dynamics. Indeed, our findings propel us to reflect on the intricate web of forces that shape stock prices, and in doing so, compel us to acknowledge that even the most unlikely correlations may hold the key to unlocking unforeseen truths.

6. Conclusion

In conclusion, our research has unearthed a compelling correlation between the number of Bachelor's degrees awarded in Military technologies and the stock performance of S&P Global (SPGI) from 2012 to 2021. The nearly perfect positive linear relationship, underscored by the statistical significance and a tantalizing rsquared value, prompts us to reflect on the unexpected interconnectedness of these seemingly disparate domains. Our findings not only raise eyebrows but also open a wormhole of intellectual inquiry into the potential impact of military technology education on financial markets.

While it may seem that the realms of stock prices and military technology education exist in different galaxies, our data suggest otherwise. One might say we've stumbled upon a financial phenomenon that is akin to finding a "stock market missile" - a revelation that ricochets through the conventional wisdom of academic disciplines. As we navigate this uncharted territory, we do so with a sense of scholarly daring, poised to confront head-on the whimsical twists and turns of statistical relationships that rival the plot of a bestselling mystery novel.

The implications of our findings extend beyond numbers and graphs, transcending into the realm of intellectual curiosity and academic guirkiness. It appears that the familiar adage, "where there's a will, there's a wage," takes on new relevance in our exploration of the intersection between military technology education and stock market dynamics. This correlation raises questions that transcend the rigidity of disciplinary boundaries and beckon us to embrace a more eclectic approach to academic inquiry, where the unexpected becomes the norm and the improbable opens doors to new paradigms of understanding. It seems that in the dance of statistical significance, we have stumbled upon a partner who leads with an unconventional yet captivating rhythm.

As we draw the curtains on this chapter of scholarly investigation, we are compelled to assert that the findings of this study not only warrant attention but also open the door to a world of possibilities where numbers hold the keys to unlocking mysteries that extend far beyond the confines of traditional academic silos. From bombs to bulls, our research has set in motion a narrative that teases the boundary between the predictable and the unanticipated, signaling that perhaps the pen is indeed mightier than the sword, especially when it comes to navigating the capricious terrain of the financial markets.

It is our firm assertion that no further research is necessary in this peculiar area, as our findings have left no stone unturned and no pun unappreciated. This "stock and awe" moment shall stand as a testament to the uncanny intersections that await those intrepid enough to embark on unconventional academic journeys. With a twinkle in our eyes and a scatterplot in our hearts, we bid adieu to this intriguing correlation, knowing that we have unearthed a connection that is as audacious as it is statistically robust.