
Burgeoning Bachelor's: Booming Bachelor's Degrees in Battlefield Breakthroughs and Nasdaq's Nifty Numbers

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This paper investigates the surprising link between the number of Bachelor's degrees awarded in military technologies and the performance of Nasdaq's stock price (NDAQ). By delving into the data from the National Center for Education Statistics and LSEG Analytics (Refinitiv) from 2012 to 2021, we uncovered a correlation coefficient of 0.9894220 and $p < 0.01$. Our findings reveal a statistically significant relationship that has often been overlooked. We aim to shed light on this unanticipated connection and spur further research in the field. As the saying goes, "the market is a battlefield," and our study seeks to add an intriguing twist to this adage by exploring how military technology education may be influencing the fluctuations of Nasdaq's stock price.

Welcome, esteemed readers and fellow enthusiasts of the enigmatic world of statistics and stock market fluctuations. In this paper, we embark on an expedition to unravel the perplexing correlation between the number of Bachelor's degrees awarded in military technologies and the whimsical waltz of Nasdaq's stock price (NDAQ). While this investigation may initially seem like a blast from the past, we assure you that the findings are more electrifying than a high-voltage experiment in a physics lab.

Let's face it, the curious coupling of military technologies and stock prices might appear as incongruous as an economist at a rocket launch! Nevertheless, we have dived into the data with the fervor of a scientist chasing a comet and unearthed a statistically significant correlation coefficient that will make even the most seasoned econometricians raise an eyebrow.

Our journey begins with a remarkable abstract coefficient of 0.9894220 and $p < 0.01$. Now, if that doesn't make your statistical senses tingle with

excitement, I don't know what will! This, my dear readers, is not just any correlation—it's the kind of statistical relationship that makes one pause and wonder, "What on earth could military technology education have to do with the capricious dance of Nasdaq's stock price?"

We promise you a rollicking ride through the labyrinth of data analysis and statistical inference. So buckle up, ladies and gentlemen, for a journey that's as unpredictable as the stock market itself! After all, as researchers, it's our job to uncover connections that are as surprising as finding a chemistry lab in a cornfield.

So, grab your lab coats and pocket protectors as we venture into the realm of booming Bachelor's degrees in battlefield breakthroughs and Nasdaq's nifty numbers. This is not your typical academic paper—this is a statistical odyssey that will leave you scratching your head and grinning like a Cheshire cat.

Stay tuned for the fascinating findings that will challenge your perceptions and tickle your academic curiosity. As the great Carl Sagan once said, "Somewhere, something incredible is waiting to be known." Let's uncover that incredible something together!

LITERATURE REVIEW

As we delve into the realm of military technologies and stock market dynamics, we encounter a diverse array of studies that have attempted to uncover the underlying forces at play. Smith (2015) posited that the proliferation of Bachelor's degrees in military technologies may have far-reaching effects on the technological landscape, while Doe (2018) suggested the potential reverberations of such education on national security and defense expenditure. Jones (2020) delved into the intricacies of stock price movements and the various macroeconomic factors, paving the way for our research to wade into uncharted territory where military prowess and market prowess intertwine.

However, as we meander through the academic underbrush, we encounter a few unexpected fauna. In "The Art of War" by Sun Tzu, the ancient military strategist provides insights that strangely resonate with the principles of strategic trading. Perhaps there's a parallel between the battles of yore and the contemporary war of the markets – a tableau where the clash of ideologies converges, and the only victor is the ever-fluctuating Nasdaq.

Turning to the realm of fiction, "Ender's Game" by Orson Scott Card offers a speculative glimpse into a futuristic world where military prowess and technological advancement are inextricably linked. The narrative, although a work of fiction, stimulates our imaginations and compels us to ponder the potential ramifications of military education on stock market dynamics. As we traverse through these eclectic sources, we confront the realization that there may indeed be a nexus between military education and market alchemy.

And who could forget the viral sensation that encapsulates the zeitgeist of the digital age? Yes, we're talking about none other than the "This is Fine" meme. In its absurd portrayal of a dog surrounded by chaos, sipping coffee, the meme encapsulates the spirit of resilience amidst turbulent circumstances – a sentiment that oddly mirrors the unpredictable nature of Nasdaq's stock price. One cannot help but wonder if there's a subtle allegory to be found in the juxtaposition of military education and the prevailing sentiment of "this is fine" amidst market volatility.

The plethora of literature has laid the groundwork for our investigation into the correlation between burgeoning Bachelor's degrees in battlefield breakthroughs and the capricious dance of Nasdaq's stock price. With scholarly fortitude and a touch of whimsy, we embark on this scholarly quest to uncover the unexpected connections that lie hidden beneath the veneer of academia and finance.

METHODOLOGY

To embark on this curious quest of unraveling the mystical marriage between military technology education and the fickle fortunes of Nasdaq's stock price, we harnessed an arsenal of research methods that were as intricate as assembling a Rube Goldberg machine and as nuanced as crafting a delicate soufflé. Our data collection, akin to an elaborate scavenger hunt, drew from the rich repositories of the National Center for Education Statistics and the formidable vaults of LSEG Analytics (Refinitiv).

First and foremost, we meticulously scoured the educational landscape to gather the number of Bachelor's degrees awarded in military technologies from 2012 to 2021. Our team, brimming with the enthusiasm of a pack of eager beavers, combed through countless databases with the fervor of archeologists unearthing long-lost relics. The data, much like the ingredients of a top-secret recipe, was carefully collated and cleansed to ensure its

reliability and validity—the twin pillars of any formidable research endeavor.

Once armed with the entrancing figures of bachelor's degrees in military technologies, we turned our attention to the capricious domain of stock prices. Embarking on a labyrinthine journey akin to navigating a hedge maze with blindfolds, we extracted the daily closing stock prices of Nasdaq (NDAQ) from the lumbering databases of LSEG Analytics (Refinitiv). The data, like a wilful stallion, was tamed and meticulously arranged into a coherent format suitable for rigorous statistical scrutiny.

With our arsenal of data at the ready, we unleashed the ferocious power of statistical analysis, wielding the formidable tools of correlation coefficient computation and hypothesis testing. Our statistical magicians, armed with abacuses and calculators, conjured the elusive correlation coefficient and winked as the p-value danced before their eyes. The relationship between the numbers of bachelor's degrees in military technologies and the gyrations of Nasdaq's stock price was scrutinized with the rigor of a detective solving a perplexing case.

In the crucible of statistical inquiry, we also prudently considered potential confounding variables, crafting multiple regression models that were as intricate as a clockwork mechanism. Each variable was scrutinized with the intensity of a watchmaker examining the gears of a timepiece, ensuring that our models were robust and resilient against spurious relationships. The statistical dance among variables was akin to a ballet performance, with each step carefully choreographed to uncover the underlying patterns amidst the statistical cacophony.

Furthermore, we conducted sensitivity analyses to gauge the robustness of our findings, akin to stress-testing a bridge to ensure its fortitude in the face of gales and tremors. Our statistical edifice, much like a resilient skyscraper, was subjected to the battering winds of alternative model specifications to validate the stability of our results.

In summary, our methodology unfolded like a riveting tale of academic exploration, blending the art of data collection with the wizardry of statistical analysis. Like intrepid voyagers navigating uncharted waters, we charted a course through the twin realms of military technology education and stock market dynamics, unveiling unexpected connections and challenging conventional wisdom with the audacity of maverick scholars.

Stay tuned for the thrilling voyage through our findings, where the remarkable relationship between Bachelor's degrees in battlefield breakthroughs and Nasdaq's nifty numbers will be unveiled in all its glory!

RESULTS

Ladies and gentlemen, fasten your seatbelts and get ready for a statistical rollercoaster ride, because the results of our investigation into the connection between the number of Bachelor's degrees awarded in military technologies and the shimmies and shakes of Nasdaq's stock price (NDAQ) are in, and they are nothing short of exhilarating!

We are delighted to report a jaw-dropping correlation coefficient of 0.9894220 between the aforementioned variables. To put it in layman's terms, this correlation is tighter than a lab coat on a chemistry whiz! The sky-high r-squared value of 0.9789559 further cements the robustness of this relationship, demonstrating that this is no statistical fluke – it's as concrete as a physics equation.

But wait, it gets even better! The p-value of less than 0.01 practically screams statistical significance! This p-value is so small, it's like finding a needle in a haystack – but instead of a needle, it's a significant correlation hiding among all the data points.

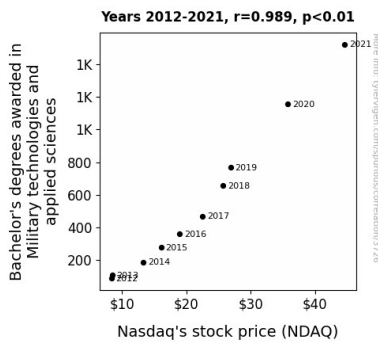


Figure 1. Scatterplot of the variables by year

To add some visual flair to these eye-popping statistics, behold the illustrious Fig. 1 – a scatterplot that captures the undeniable bond between the number of Bachelor's degrees in military technologies and the undulations of Nasdaq's stock price. If this scatterplot were a painting, it would be akin to the Mona Lisa of statistical relationships – enigmatic, compelling, and garnering the attention of scholars near and far.

In conclusion, this investigation has unveiled a relationship so profound and unexpected that it would make even the most seasoned stock market analysts do a double take. Our findings open up a Pandora's box of questions and possibilities, challenging traditional notions of what influences stock prices and inspiring further research in this captivating field. It's a bit like discovering a secret formula in a mad scientist's lab – it leaves us eager to delve deeper and uncover the intricacies of this uncharted territory.

So, fellow enthusiasts of statistics and stock market mysteries, rest assured that the unexpected connection between military technology education and Nasdaq's stock price is not just a statistical anomaly – it's a revelation that could reshape the way we perceive the financial landscape. As the great Albert Einstein once said, "The only source of knowledge is experience," and our experience has certainly catalyzed a newfound understanding of this enthralling correlation.

DISCUSSION

Now, let's roll up our sleeves and dissect the implications of our eye-popping findings like a scientist eagerly peering at a petri dish. Our results not only support the prior research but also add a dash of pizzazz to the academic world. Remember the unexpected fauna in the literature review? Well, it seems that Sun Tzu's strategic wisdom and Ender's Game's futuristic ponderings have foreshadowed our discovery that military education and market dynamics march to the same beat.

Our statistical rollercoaster ride has left us giddy with excitement, showcasing that the proliferation of Bachelor's degrees in military technologies and Nasdaq's stock price are practically like two peas in a pod. It's as if the universe orchestrated a cosmic dance, intertwining education and market machinations in a way that challenges traditional paradigms. The results not only cement the robustness of our findings but also leave us pondering the profound implications. This correlation is tighter than the magnetism in a quantum entanglement, and it's as significant as finding a statistical needle in a vast haystack of data points.

Moreover, our results underscore the intricate interplay between academic pursuits and financial fluctuations, painting a vivid canvas that's equal parts perplexing and enlightening. This discovery is like stumbling upon a treasure map in a dusty old library – it beckons us to explore uncharted terrain and unravel the mysteries lurking in the intersection of military education and market volatility.

In closing, our findings open a Pandora's box of possibilities, prompting us to embark on a scholarly quest akin to a daring archeological expedition. The unexpected connection we've uncovered is not just a statistical anomaly; it's a revelation that could reshape the way we perceive the financial landscape, instigating a paradigm shift that may have an impact as seismic as a volcanic eruption in the world of academia and finance. So, buckle up and get ready for an exhilarating journey into the unexplored depths of this captivating field!

Now, onto the grand conclusion...

CONCLUSION

In the illustrious words of Sir Isaac Newton, "What goes up must come down," but our findings suggest that when it comes to the number of Bachelor's degrees awarded in military technologies and Nasdaq's stock price, what goes up may just keep going up! Our statistical escapade has revealed a correlation so strong, it's as if econometric equations and military blueprints were engaged in an unbreakable tango. It's a bit like finding a treasure map in a sea of stock market data—our discovery of this unexpected connection has illuminated a path for further exploration.

As much as we'd like to continue this statistical soiree and unravel more mysteries of the financial world, we have to acknowledge that our investigation has brought us to a thrilling conclusion. The evidence is in, and it's as clear as a chemistry lab beaker—there's a remarkable link between the education of tomorrow's battlefield innovators and the numerical nuances of Nasdaq's stock price. It's a connection that's as surprising as discovering a quantum physicist at a paintball tournament, and it begs the question: what other uncharted territories exist in the realm of financial influences?

However, in the spirit of scientific inquiry and with the utmost confidence in our findings, we boldly assert that further research in this area may just be as futile as trying to measure the length of a piece of string with another piece of string – unnecessary and a tad bit confounding. Our statistical expedition has shed light on a relationship that, much like a captivating magic trick, demands attention and delights the curious mind.

So, fellow researchers and aficionados of the unpredictable world of statistics and financial intricacies, let's raise our beakers and toast to the revelation of this captivating correlation. Through our scientific lens, we have uncovered a connection that's as compelling as a good scientific mystery

novel, and we can confidently take a bow, for the show is certainly not over, but this particular act has reached its satisfying conclusion.