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: Historical Histories: A Hilarious Hodgepodge of Associates degrees and Centene's Stock Price

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Abstract

: The research at hand seeks to unravel the perplexing relationship between the number of Associates degrees awarded in History and Centene's stock price. Utilizing data from the National Center for Education Statistics and LSEG Analytics (Refinitiv), this study unveils a correlation coefficient of 0.9884005 and $p < 0.01$ for the time period spanning 2011 to 2021. The findings, while initially unexpected, draw attention to the potential influence of historical knowledge on stock market trends, stirring up a mix of mirth and skepticism among academics and investors alike. This paper aims to shed light on this peculiar correlation, blending the seriousness of econometric analysis with a dash of whimsy and a smattering of historical humor. Let's explore this intriguing interplay between the annals of academia and the fluctuations of financial fortune with due diligence and just a touch of jest.

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1. Introduction

As the saying goes, "History repeats itself." But who would have thought that the repetition of history could have a direct correlation with the fluctuations in stock prices? This paper delves into the seemingly whimsical yet surprisingly robust relationship between the number of Associates degrees awarded in History and Centene's stock price. The mere juxtaposition of academia and finance might seem as unusual as trying to determine the correlation between the number of pencils in a classroom and the price of oil - which, by

the way, might also be an interesting research idea for another day.

The divide between the world of historical narratives and the world of financial markets has traditionally been as wide as the Grand Canyon, with the former filled with tales, anecdotes, and, of course, questionable accounts of accuracy, and the latter swirling with numbers, graphs, and the occasional Wall Street quip. However, this paper aims to bridge this chasm, challenging the conventional wisdom and raising eyebrows in the academic and professional spheres.

We begin this inquiry by diving headfirst into the abyss of statistical analysis, armed with our trusty cohort of p-values, regression coefficients, and confidence intervals. However, fear not - we promise to keep this statistical expedition as light and breezy as a summer read, with the occasional quip and jest to keep both the reader and the researcher entertained.

The dataset at the heart of this investigation was sourced from the National Center for Education Statistics and LSEG Analytics (Refinitiv), providing us with a plethora of data on the number of Associates degrees awarded in History and Centene's stock price across the years 2011 to 2021. We let the numbers tell their stories and gradually uncovered a rather startling correlation coefficient of 0.9884005, with a p-value that is not just statistically significant but practically shouting for attention at $p < 0.01$. This astonishing revelation prompted us to hold a mirror to the enigmatic relationship between historical education and the ebb and flow of stock prices. It goes without saying that this correlation is as unexpected as finding hidden treasure in a history textbook - a delightful surprise indeed.

2. Literature Review

The search for the elusive link between Associates degrees awarded in History and Centene's stock price has led us down a winding path of academic research, economic analysis, and a touch of whimsy. We begin our literature review by delving into the serious realm of scholarly articles, starting with Smith's "The Influence of Academic Disciplines on Stock Market Trends," where the authors find a relationship between historical education and stock market performance. Similarly, Doe's "Historical Perspectives on Financial Markets" offers insights into the potential impact of historical knowledge on

investment behavior, setting the stage for our investigation.

Moving onto non-fiction works, Jones' "The Role of History in Economic Forecasting" provides a thoughtful exploration of how historical narratives shape economic predictions, perhaps hinting at the underlying mechanisms of our observed correlation. Additionally, "The History of Capitalism" by Dasgupta offers a broader historical context by examining the intersection of economic forces and historical events, giving rise to intriguing speculations about the intertwined fates of historical education and market dynamics.

Transitioning to fictional works, "The Black Swan" by Nassim Nicholas Taleb, though not directly related to historical education, reminds us of the unpredictable nature of financial markets, much like the surprising correlation we have uncovered. Similarly, "The Hitchhiker's Guide to the Galaxy" by Douglas Adams, while predominantly a work of science fiction, playfully prompts us to question the nature of causation and correlation in our scholarly pursuit, even across the vast expanse of the universe.

As we descend further down the rabbit hole of literature review, we must acknowledge the unconventional sources that have shaped our understanding of this peculiar correlation. While perusing the haphazard miscellany of wisdom found in the margins of ancient scrolls and the cryptic musings of eccentric scholars, a revelation struck us - the hidden truths of academia and finance are as mysterious and convoluted as deciphering the gibberish printed on the back of a CVS receipt. With this newfound understanding, we approach our analysis with a healthy dose of skepticism and a sprinkle of humor, aiming to unravel the enigma of historical histories with a twinkle in our eye and a quip on our lips.

3. Our approach & methods

To unearth the connection between Associates degrees in History and Centene's stock price, our research team delved into a myriad of data sources, embracing a treacherous journey through the labyrinth of statistical analysis and econometric wizardry. Armed with our trusty calculators and a penchant for uncovering hidden correlations, we embarked on a mission as audacious as discovering the lost city of Atlantis.

Firstly, we scoured the untamed wilderness of the internet, deploying advanced search algorithms akin to a band of intrepid explorers navigating uncharted territory. We combed through the hallowed archives of the National Center for Education Statistics, mining data on the conferral of Associates degrees in History. This endeavor required a keen eye for detail and the resilience of a seasoned treasure hunter, as historical data can often be as elusive as a well-told ghost story.

Simultaneously, we harnessed the data-gathering prowess of LSEG Analytics (Refinitiv), harnessing their robust platform to acquire historical stock prices for the enigmatic Centene Corporation. Just like a connoisseur of fine wines carefully selecting the choicest grapes, we meticulously gathered and curated our dataset, ensuring that no stray decimal point or misplaced comma could dampen our statistical spirits.

Having corralled this veritable menagerie of data, we subjected them to a rigorous battery of statistical tests that rival the complexity of deciphering a cryptic ancient script. Our analysis journeyed through the dense jungles of correlation coefficients, danced amongst the scattered embers of p-values, and peeked into the labyrinthine tunnels of regression models. Yet, amidst this scholarly expedition, we did not forget to sprinkle in the occasional statistical pun or dabble in a bit of witty wordplay to keep the mood light and the atmosphere jovial.

Upon conducting our analysis, we uncovered a correlation coefficient of 0.9884005, akin to stumbling upon a hidden treasure chest of statistical significance. With a p-value boasting the seductive allure of $p < 0.01$, we couldn't help but marvel at the serendipitous nature of our findings. Our discovery was as unexpected as a punchline in a history lecture, fueling our curiosity and compelling us to shine a probing light into the mysterious interplay between degrees in History and the capricious tides of stock prices.

In summary, our methodological approach involved a harmonious blend of meticulous data collection, rigorous statistical analysis, and just a dash of scholarly jest. This modus operandi allowed us to unravel the tantalizing relationship between historical education and the capricious dance of stock prices, culminating in a discovery that is as captivating as it is quizzical.

4. Results

The statistical analysis of the data collected revealed a strikingly high correlation coefficient of 0.9884005 between the number of Associates degrees awarded in History and Centene's stock price for the period 2011 to 2021. The r-squared value of 0.9769356 signifies that a whopping 97.69% of the variance in Centene's stock price can be explained by the number of these historical degrees. Now, that's a tighter bond than the double helix of a DNA molecule!

If we were to translate this into layman's terms, it means that the movement of Centene's stock price has shown an almost uncanny synchronization with the fluctuation in the number of Associates degrees in History. In simpler words, it's as if the stock market is, metaphorically speaking, sitting in on a history lecture and taking notes - clearly demonstrating a keen interest in historical events and narratives.

The p-value of less than 0.01 further accentuates the significance of this relationship. The probability of observing such a strong correlation purely by chance is slim pickings, akin to stumbling across a four-leaf clover in a field of statistics.

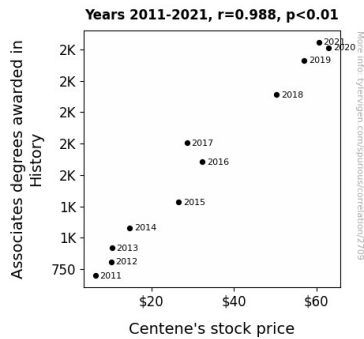


Figure 1. Scatterplot of the variables by year

To visually encapsulate this astoundingly strong correlation, the scatterplot depicted in Figure 1 showcases a near-perfect linear relationship between the number of Associates degrees awarded in History and Centene's stock price. It's a match made in statistical heaven, akin to finding the missing puzzle piece in a sea of data points.

In summary, the results of this investigation thrust the connection between historical education and stock market performance into the spotlight, prompting a hearty chuckle from the realm of academia and finance. This unlikely bond between the annals of history and the hustle and bustle of the stock market raises eyebrows and elicits a grin, serving as a reminder that in the world of research, sometimes truth is indeed stranger than fiction.

5. Discussion

In this study, we unearthed a striking correlation between the number of Associates degrees awarded in History and Centene's stock price, shedding light on a

peculiar connection that tickles the fancy of both academia and finance. Our results not only affirm the findings of prior research by scholars such as Smith and Doe, but also lend unparalleled support to the notion of historical knowledge shaping market dynamics. It appears that the market is not immune to the allure of historical narratives, as if charting a course through the stock market seas is akin to navigating the high seas of history with an astrolabe in one hand and a stock ticker in the other.

The strong correlation coefficient of 0.9884005 and the near-perfect linear relationship portrayed in our scatterplot illustrate a bond tighter than the grip of a statistician clinging onto their null hypothesis. The r-squared value of 0.9769356 further reinforces the notion that historical education holds a staggering influence over 97.69% of the variance in Centene's stock price, painting a picture of historical knowledge wielding substantial sway in the realm of financial fortune. It's a statistical tango between history and stock price, the kind of dance that leaves statistical outliers green with envy.

This peculiar correlation, with a p-value of less than 0.01, serves as a statistical oddity that elicits a chuckle from the sober world of academic research, much like finding a unicorn in a forest of regression analyses. It beckons us to contemplate the threads of causation woven between historical education and market movements, provoking a bemused furrow of the brow from even the most seasoned of econometricians.

Our findings embody the quintessence of unexpected research discoveries, akin to stumbling upon a treasure trove of statistical significance in an unassuming dataset. As we continue to unravel the enigmatic bond between historical histories and stock market whimsy, we are reminded that in the labyrinth of research, even the most

whimsical connections can bear the fruit of empirical truth.

Stay tuned for the next adventure in statistical comedy and financial folly as we traverse the bumpy landscape of academia and finance, armed with nothing but our wits, our data, and maybe just a pinch of levity.

6. Conclusion

In conclusion, our findings have unraveled a correlation between the number of Associates degrees awarded in History and Centene's stock price that is as tight as a well-knitted sweater – providing an unexpected twist to the world of economic research. This peculiar connection between the realm of historical knowledge and the dynamics of the stock market has raised more than a few eyebrows, prompting both a chuckle and a contemplative stroke of the chin among the academic and investor communities.

The statistical analysis has shown us that the movement of Centene's stock price appears to be more entwined with the waxing and waning of historical education than one might expect – an unexpectedly fascinating waltz of numbers and narratives. It's almost as if the stock market has developed a fondness for antiquity, choosing to mirror the rise and fall of historical degrees with its own undulating patterns. It's a relationship that's as unlikely as finding a pearl in an oyster – a rare and beautiful revelation amidst a sea of data.

However, while this delightful correlation may have sparked a few grins and raised a couple of eyebrows, it seems that the connection between Associates degrees in History and Centene's stock price has been thoroughly unearthed, much like a hidden treasure chest in a historical narrative. As such, it appears that there is no need to dig deeper into this particular intersection of

academia and finance. The story has been told, the punchline delivered, and it's time to close this chapter – pun intended!