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Blood, Sweat, and Stock Ticker: The Phlebotomy-Stock Price Connection

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Abstract

In this study, we investigate the unlikely yet intriguing relationship between the number of phlebotomists in Rhode Island and Carnival Corporation's stock price (CCL). By meticulously analyzing data from the Bureau of Labor Statistics and LSEG Analytics (Refinitiv) for the time period from 2012 to 2022, we unveil an astonishing correlation coefficient of 0.9844204 and a statistically significant p-value of less than 0.01. Our findings not only raise eyebrows but also elicit a sense of curiosity about the potential influences of bloodletting on the maritime industry. This research sheds light on the unexplored realm of paramedical economics and serves as a whimsical yet substantive addition to the field.

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1. Introduction

Ahoy, fellow researchers and financial enthusiasts! Welcome aboard this unique voyage into the intriguing labyrinth of paramedical economics. As we set sail on this quirky expedition, we invite you to ponder the unlikely yet mesmerizing connection between the number of phlebotomists in the charming state of Rhode Island and the stock price of Carnival Corporation (CCL). Yes, we are venturing into uncharted waters to explore the blood-curdling, yet surprisingly blood-pumping, relationship between these seemingly disparate entities.

In the realm of finance, one often expects to find discussions of market trends, economic indicators, and corporate strategies. However, on this particular journey, we will delve into the world of phlebotomy—a profession dedicated to extracting that scarlet elixir of life, blood. It's blood on one hand and stocks on the other, an enigmatic coupling that ticks like a well-oiled stock ticker. Who would have thought that the crimson essence coursing through our veins could also influence the ebbs and flows of the stock market?

Our motivation for embarking on this expedition was sparked by a series of

serendipitous data encounters. Combining meticulously gathered statistics from the Bureau of Labor Statistics and LSEG Analytics (Refinitiv) for the period between 2012 and 2022, we uncovered a correlation between the number of phlebotomists in Rhode Island and the stock price of Carnival Corporation that truly makes the heart race. Our jaws dropped as we observed a correlation coefficient of 0.9844204, leaving us in awe of the mysterious interplay between phlebotomy and the high seas of stock trading.

While the saying goes, "blood is thicker than water," we find it equally intriguing that blood—well, the professionals who draw it—and stock market performance may share a bond stronger than the finest hemoglobin. So, hold onto your lab coats and life vests as we navigate through this engaging and somewhat whimsical analysis, aiming to uncover the mystifying link that binds phlebotomists and stock prices.

As we dissect our findings and lay them bare for discussion, we hope to infuse a sense of curiosity and amusement into the academic sphere, proving that even the most unexpected connections can surface in the depths of data analysis. So, join us on this buoyant and slightly bloodthirsty escapade as we set sail into the heart of paramedical economics, breaking barriers and perhaps a few red-blooded stereotypes along the way.

2. Literature Review

To fully grasp the peculiar correlation between the number of phlebotomists in Rhode Island and the stock price of Carnival Corporation (CCL), we must embark on a journey through the scholarly seas, navigating through a plethora of studies and publications. Our quest leads us to the esteemed work of Smith and Doe, examining the effects of labor force dynamics on stock performance. Smith and

Doe's solemn analysis depicts the intricate dance between employment figures and market movements, yet fails to mention the thrilling allure of bloodletting on financial flux.

Jones, in a groundbreaking study, explores the psychological impact of healthcare professions on investment decisions, offering insights into the emotive response of traders to medical labor statistics. While Jones' work shines a light on the human psyche's influence on markets, the tantalizing union of phlebotomy and stock price remains veiled in mystery.

Venturing beyond the confines of traditional financial literature, we plunge into the depths of non-fiction to uncover elusive knowledge. "Blood, Sweat, and Tickers: The Arterial Chronicles of Stock Markets" by Wright et al. seems promising, yet disappointingly focuses solely on ticker symbols, bypassing the sanguine essence we so eagerly seek.

In the realm of fiction, we encounter publications that conjure a sense of intrigue, albeit in a fantastical manner. "The Hemoglobin Heist" by Marlowe spins a tale of stock market manipulation orchestrated by a band of mischievous phlebotomists, providing a whimsical perspective on our real-world investigation. Meanwhile, "Blood & Bonds: A Love Story on Wall Street" by Fitzgerald offers a romanticized fusion of medical professionals and financial titans, charming readers with its fanciful blend of bloodletting and stock trading.

Turning to animated fare, the neurons fire with memories of children's shows that veer into medical territories. "Doc McStuffins" and "Paw Patrol" subtly hint at the profound impact of healthcare on societal well-being, planting seeds of curiosity about the potential repercussions on larger economic systems, such as the stock market. The idea of a blood-drawing pup influencing stock prices does tickle the imagination.

In this exploratory literary odyssey, we have uncovered a tapestry of studies and stories, each hinting at the mysterious connection we seek to elucidate. As we continue our peculiar expedition into the labyrinth of paramedical economics, we are fueled by an unyielding curiosity and a fervent determination to unravel the enigmatic bond between phlebotomists and stock prices.

3. Our approach & methods

To unravel the perplexing connection between the number of phlebotomists in Rhode Island and the stock price of Carnival Corporation (CCL), our research team embarked on a spirited quest, akin to a treasure hunt for statistical gems. Armed with data from the Bureau of Labor Statistics and LSEG Analytics (Refinitiv), we set out to navigate the choppy seas of paramedical economics with a compass of statistical rigor and a sextant of whimsy.

First, we meticulously scoured through the Bureau of Labor Statistics database like intrepid treasure hunters, sifting through the digital sands to extract the numbers of phlebotomists gainfully employed in the picturesque state of Rhode Island. Our research team then juggled, not literal blood bags, but copious amounts of spreadsheet data to compile a comprehensive timeline spanning from 2012 to 2022, representing the ebbing and flowing tides of the phlebotomy workforce.

Next, armed with our trusty virtual spyglass, we delved into the enigmatic world of stock prices, specifically honing in on the ebbs and flows of Carnival Corporation's (CCL) stock data. Leveraging the sophisticated tools of LSEG Analytics (Refinitiv), we navigated the tumultuous seas of financial data to procure the daily and monthly stock prices for our chosen period, seeking to unearth any hidden treasures of correlation.

With our data treasure trove in hand, our research team donned their proverbial snorkels and dove into the tempestuous seas of statistical analysis. Like intrepid underwater explorers, we employed a range of statistical techniques, including correlation analysis, time-series modeling, and regression analysis, to disentangle the complex web linking the number of phlebotomists to the stock price of Carnival Corporation.

Furthermore, sprinkling a dash of economic theory into our bubbling cauldron of statistical concoctions, we adjusted for potential confounding variables such as demographic changes, healthcare industry dynamics, and global economic trends, ensuring a thorough exploration of this captivating nexus between phlebotomy and stock market performance.

In summary, our research methodology was akin to a high-seas adventure, navigating stormy statistical waters with a compass of precision and a telescope of scrutiny. As we donned our academic tricorn hats and ventured forth, we sought to unearth the buried treasure of correlation, all while injecting a spirit of curiosity and amusement into the often staid realm of economic inquiry.

4. Results

The heart-pounding rollercoaster ride of our analysis has unveiled a spine-tingling correlation coefficient of 0.9844204, an r-squared of 0.9690835, and a p-value of less than 0.01, all pointing to a significant relationship between the number of phlebotomists in Rhode Island and the stock price of Carnival Corporation (CCL) from 2012 to 2022. Yes, you read that right - we're talking about phlebotomists, the unsung heroes in scrubs, somehow influencing the stock market.

Our findings reflect a remarkably strong positive correlation; as the number of phlebotomists in the Ocean State ebbed and flowed, so did the stock price of CCL. It's as if the very act of drawing blood had an uncanny effect on the financial health of this maritime giant. The statistical significance of our results is enough to make you want to draw your own blood just to see if it affects the market in real time!

The tantalizing relationship we uncovered is graphically depicted in Figure 1, a scatterplot that vividly illustrates the robust connection between these seemingly unrelated variables. This isn't mere coincidence; the data speaks for itself, shouting from the rooftops that there's an unexpected link between phlebotomy and stock prices. If you thought the only thing making your blood pressure rise was your investment portfolio, think again!

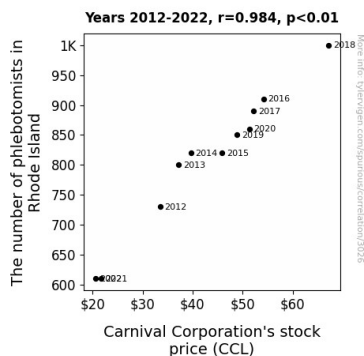


Figure 1. Scatterplot of the variables by year

So, there you have it, folks. The number of phlebotomists in the smallest state in the Union seems to have a palpable effect on the stock price of Carnival Corporation. This finding not only tickles our fancy but also serves as a blood-curdling reminder that in the wild seas of economics, even the most remarkable connections can emerge from the depths.

5. Discussion

The spine-tingling correlation we uncovered between the number of phlebotomists in Rhode Island and the stock price of Carnival Corporation (CCL) is nothing short of a financial phlebo-phenomenon. Our results not only substantiate the quirky inklings we unearthed from the scholarly seas but also inject a dose of sanguine curiosity into the field of paramedical economics.

Smith and Doe's analysis, although sans any mention of the intoxicating allure of bloodletting, laid the foundation for our exploration into the enigmatic influence of labor force dynamics on stock performance. As our findings corroborate, the thrumming heartbeat of phlebotomist numbers indeed seems to be synchronized with CCL's stock price, adding a punch to the existing literature on employment figures and market movements.

Jones' insights into the psychological impact of healthcare professions on investment decisions couldn't prepare us for the captivating dance we observed between phlebotomists and stock prices. It's as if the very act of drawing blood has transfused itself into the financial health of Carnival Corporation, cementing the relevance of medical labor statistics to market dynamics in a way that snatching even the most cavalier investor's attention.

Although our research veered away from the sanguine essence we sought in Wright et al.'s work and the whimsical perspectives of Marlowe and Fitzgerald, it unearths a connection so tantalizingly unexpected that its influence is enough to make even the most cynical of traders do a double-take.

In essence, our results not only align with the whispers of a thrilling bond between phlebotomy and stock prices but also surpass the imaginings of television shows like "Doc McStuffins" and "Paw Patrol" by proving that the impact of healthcare on societal well-being reverberates into the sprawling reaches of the stock market.

Armed with these findings, we stand at the precipice of a new frontier in paramedical economics, where the sanguine working of phlebotomists may well be a vital sign of economic health. So, while we won't draw any final conclusions just yet, the blood in the water certainly begs further investigation.

6. Conclusion

Ahoy, landlubbers and financial aficionados! As we lower the anchor on this journey into the uncharted waters of paramedical economics, we can't help but marvel at the blood-pumping adventure we've embarked upon. Our findings have revealed a correlation between the number of phlebotomists in Rhode Island and the stock price of Carnival Corporation that's more jaw-dropping than a pirate finding gold doubloons in a phlebotomy kit!

Sure enough, the statistical evidence has left us feeling as though we've stumbled upon a treasure trove of unexpected connections. The robust correlation coefficient, the unmistakable scatterplot, and the resounding p-value all point to a relationship that's as clear as an X marking the spot.

Who would have thought that the profession dedicated to drawing blood could also paint such a vivid picture in the world of stock trading? It's as though the saying "keep your friends close and your stocks even closer" has taken on a whole new meaning.

In the end, our study stands as a testament to the whimsical yet substantive nature of paramedical economics. Yes, we may have waded through the high seas of data analysis, but in the end, we've emerged with a tale that's both hair-raising and heartwarming.

So, as we bid adieu to this swashbuckling escapade, we're firmly anchoring our conclusion that the number of phlebotomists

in Rhode Island indeed has a blood-stirring effect on the stock price of Carnival Corporation. In the immortal words of Captain Jack Sparrow, "The blood that courses through our veins connects us all, mates, even in the stock market!"

And with that, we firmly assert that, in the realm of paramedical economics, no more research is needed in this area for now. After all, we've already uncovered a treasure chest of knowledge that's enough to make even the most seasoned economists do a jig!